

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
 Data File : BF114195.D
 Acq On : 12 May 2019 16:30
 Operator : JU/SJ
 Sample : K2767-14MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Manual Integrations
 APPROVED

Quant Time: May 13 08:44:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Sohil
1) 1,4-Dichlorobenzene-d4	6.86	152	326836	20.00	ng	0.00	
21) Naphthalene-d8	8.14	136	1223644	20.00	ng	0.00	
39) Acenaphthene-d10	9.89	164	564348	20.00	ng	0.00	
64) Phenanthrene-d10	11.38	188	957063	20.00	ng	0.01	5/13/2019 8:37:26 PM
76) Chrysene-d12	14.03	240	513621	20.00	ng	0.01	
87) Perylene-d12	15.51	264	680048	20.00	ng	0.00	

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1537826	75.72	ng	0.01	
7) Phenol-d6	6.50	99	2058135	85.68	ng	0.01	
23) Nitrobenzene-d5	7.42	82	1309835	60.07	ng	0.00	
42) 2,4,6-Tribromophenol	10.68	330	417425	71.55	ng	0.00	
45) 2-Fluorobiphenyl	9.21	172	2006619	53.78	ng	0.00	
79) Terphenyl-d14	12.96	244	1566869	62.89	ng	0.00	

Target Compounds

						Qvalue	
2) 1,4-Dioxane	2.65	88	258245	23.133	ng	97	
3) Pyridine	3.42	79	475246	15.451	ng	93	
4) n-Nitrosodimethylamine	3.34	42	364777	24.594	ng	91	
6) Aniline	6.52	93	108287	3.121	ng	1	#
8) 2-Chlorophenol	6.65	128	624636	28.809	ng	91	
9) Benzaldehyde	6.40	77	262576	15.614	ng	99	
10) Phenol	6.52	94	755464	26.735	ng	87	
11) bis(2-Chloroethyl)ether	6.59	93	642977	29.972	ng	99	
12) 1,3-Dichlorobenzene	6.80	146	632928	26.006	ng	98	
13) 1,4-Dichlorobenzene	6.87	146	638918	26.052	ng	96	
14) 1,2-Dichlorobenzene	7.03	146	600890	26.818	ng	100	
15) Benzyl Alcohol	7.00	79	537667	28.699	ng	98	
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1131616	27.205	ng	81	
17) 2-Methylphenol	7.12	107	455335	25.565	ng	97	
18) Hexachloroethane	7.37	117	200751	21.807	ng	97	
19) n-Nitroso-di-n-propylamine	7.27	70	439852	28.889	ng	98	
20) 3+4-Methylphenols	7.27	107	583690	28.365	ng	71	#
22) Acetophenone	7.26	105	862290	31.810	ng	92	
24) Nitrobenzene	7.43	77	682918	30.752	ng	100	
25) Isophorone	7.67	82	1224143	30.272	ng	98	
26) 2-Nitrophenol	7.75	139	341489	31.695	ng	98	
27) 2,4-Dimethylphenol	7.79	122	422813	24.986	ng	100	
28) bis(2-Chloroethoxy)methane	7.88	93	790066	30.112	ng	100	
29) 2,4-Dichlorophenol	8.00	162	510250	30.282	ng	99	
30) 1,2,4-Trichlorobenzene	8.08	180	522347	27.261	ng	98	
31) Naphthalene	8.16	128	2370120	41.466	ng	100	
32) Benzoic acid	7.91	122	287170	27.340	ng	99	
33) 4-Chloroaniline	8.21	127	96043	3.687	ng	96	
34) Hexachlorobutadiene	8.27	225	277026	25.410	ng	97	
35) Caprolactam	8.57	113	150942	27.472	ng	95	
36) 4-Chloro-3-methylphenol	8.69	107	522151	30.785	ng	99	
37) 2-Methylnaphthalene	8.85	142	1405085	38.101	ng	97	
38) 1-Methylnaphthalene	8.95	142	1247404	35.918	ng	99	
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	488503	28.575	ng	99	

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
 Data File : BF114195.D
 Acq On : 12 May 2019 16:30
 Operator : JU/SJ
 Sample : K2767-14MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

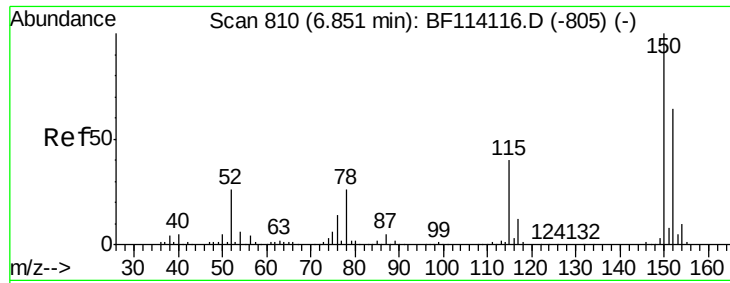
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Manual Integrations
 APPROVED

Quant Time: May 13 08:44:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)	Sohil
41) Hexachlorocyclopentadiene	9.00	237	59998	11.450	nq		99
43) 2,4,6-Trichlorophenol	9.13	196	342243	29.106	nq		99
44) 2,4,5-Trichlorophenol	9.17	196	355096	29.447	nq		96
46) 1,1'-Biphenyl	9.31	154	1444478	31.683	nq		995/13/2019 8:37:26 PM
47) 2-Chloronaphthalene	9.34	162	1002083	27.311	nq		97
48) 2-Nitroaniline	9.43	65	354283	27.226	nq		96
49) Acenaphthylene	9.76	152	2963127	53.097	nq		98
50) Dimethylphthalate	9.61	163	1483160	35.801	nq		99
51) 2,6-Dinitrotoluene	9.67	165	267925	29.158	nq		91
52) Acenaphthene	9.92	154	942525	27.523	nq		99
53) 3-Nitroaniline	9.84	138	104585	9.169	nq		99
54) 2,4-Dinitrophenol	9.96	184	121928	30.909	nq		94
55) Dibenzofuran	10.10	168	1389095	27.663	nq		95
56) 4-Nitrophenol	10.02	139	360900	44.740	nq		95
57) 2,4-Dinitrotoluene	10.08	165	335176	26.874	nq		94
58) Fluorene	10.44	166	1355565	34.949	nq		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	276203	26.545	nq	#	98
60) Diethylphthalate	10.31	149	1149476	27.307	nq		99
61) 4-Chlorophenyl-phenylether	10.43	204	512098	26.882	nq		99
62) 4-Nitroaniline	10.45	138	159712	13.325	nq		95
63) Azobenzene	10.59	77	1062925	26.087	nq		96
65) 4,6-Dinitro-2-methylphenol	10.50	198	86360	18.779	nq		90
66) n-Nitrosodiphenylamine	10.55	169	943531	32.483	nq		99
67) 4-Bromophenyl-phenylether	10.92	248	317546	30.134	nq		99
68) Hexachlorobenzene	11.00	284	313863	26.924	nq	#	91
69) Atrazine	11.08	200	280892	31.074	nq		99
70) Pentachlorophenol	11.19	266	279484	50.575	nq		98
71) Phenanthrene	11.42	178	6274785	134.761	nq		94
72) Anthracene	11.46	178	2047835	43.787	nq		99
73) Carbazole	11.61	167	1272428	28.531	nq		99
74) Di-n-butylphthalate	11.93	149	1609791	31.331	nq		98
75) Fluoranthene	12.61	202	6349868	126.639	nq		92
78) Pyrene	12.77	202	558634	13.520	nq		98
80) Butylbenzylphthalate	13.43	149	621295	35.725	nq		97
81) Benzo(a)anthracene	14.02	228	4689257	141.154	nq	#	82
83) Chrysene	14.07	228	4655462	142.956	nq		93
84) Bis(2-ethylhexyl)phthalate	13.99	149	911566	40.077	nq		99
85) Di-n-octyl phthalate	14.60	149	1418849	38.481	nq		100
86) Indeno(1,2,3-cd)pyrene	17.01	276	2888898	100.375	nq		98
88) Benzo(b)fluoranthene	15.09	252	5367728m	123.204	nq		
89) Benzo(k)fluoranthene	15.12	252	2095130m	52.350	nq		
90) Benzo(a)pyrene	15.46	252	4305791	112.296	nq		98
91) Dibenzo(a,h)anthracene	17.01	278	1293336	40.592	nq		99
92) Benzo(g,h,i)perylene	17.46	276	2966297	92.900	nq		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



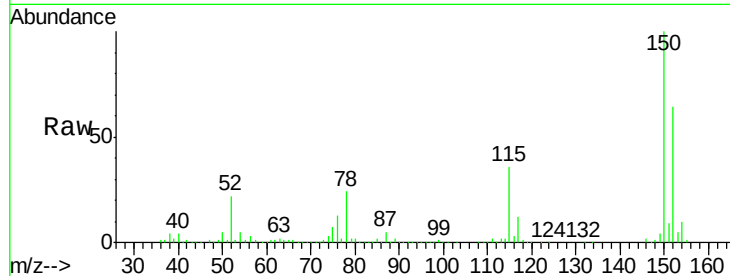
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.3	186.5
115	56.1	49.1	73.7

Manual Integrations
APPROVED

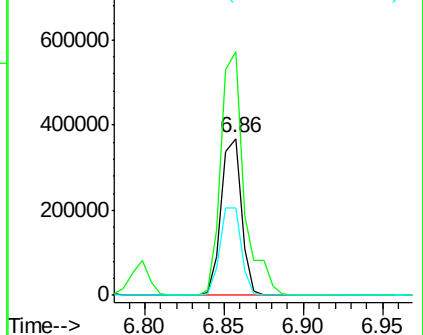


Abundance

Ion 152.00 (151.70 to 152.70): E

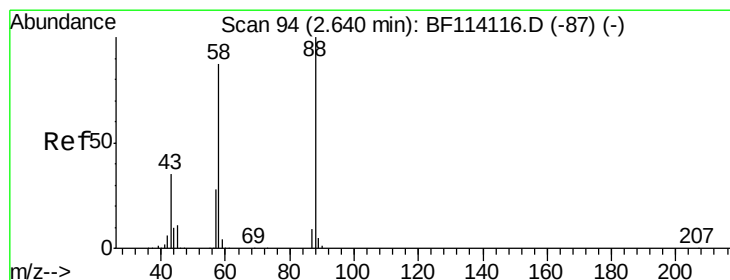
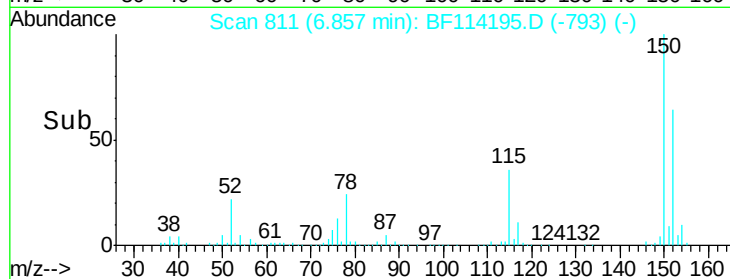
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



Sohil

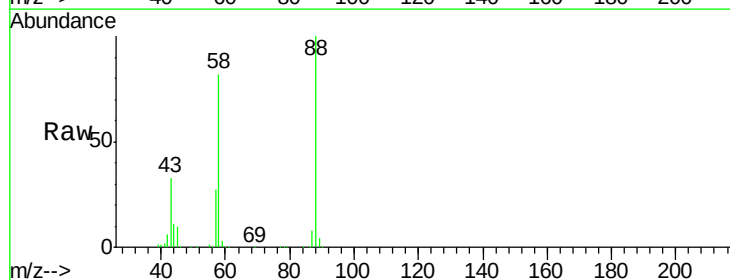
5/13/2019 8:37:26 PM



#2

1,4-Dioxane
Concen: 23.133 ng
RT: 2.65 min Scan# 95
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.2	68.7	103.1
43	33.2	28.2	42.2

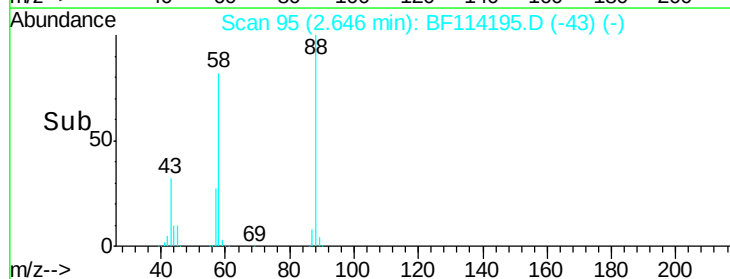
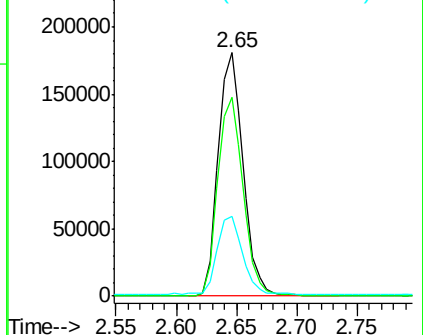


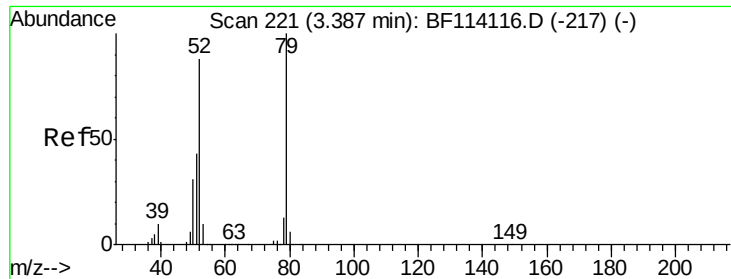
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



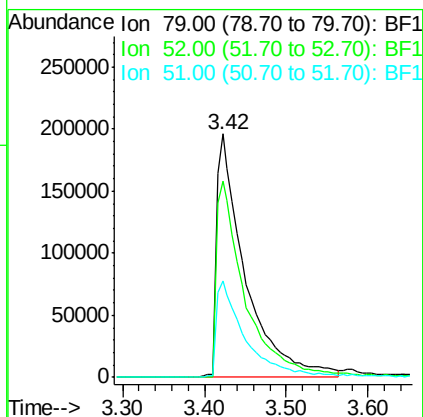
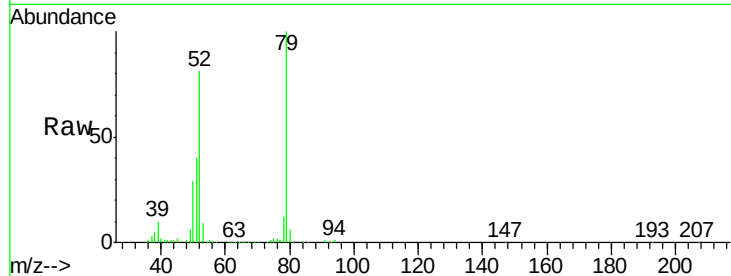


#3
 Pvrirdine
 Concen: 15.451 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.04 min
 Lab File: BF114195.D
 Acq: 12 May 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

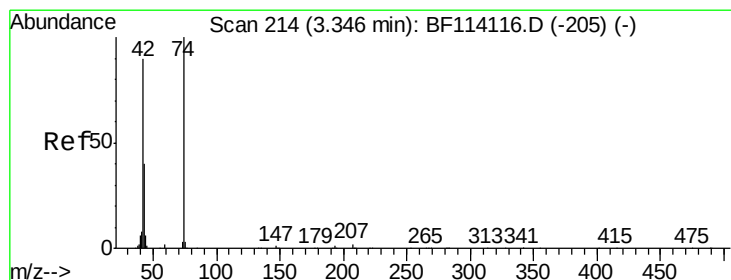
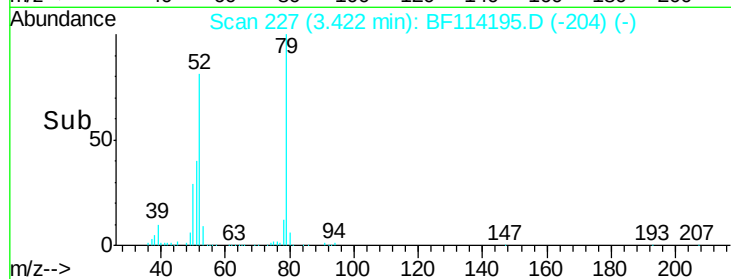
Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	80.5	70.6	105.8		
51	39.7	34.2	51.2		

Manual Integrations
 APPROVED



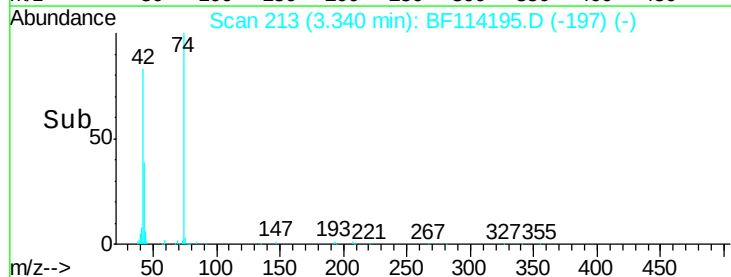
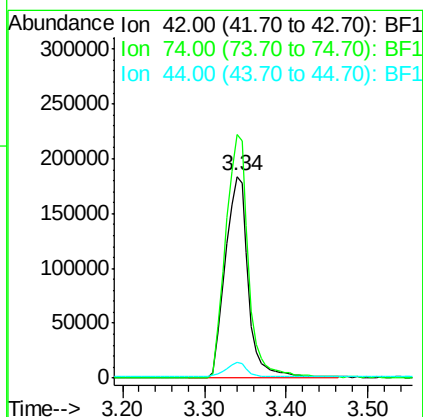
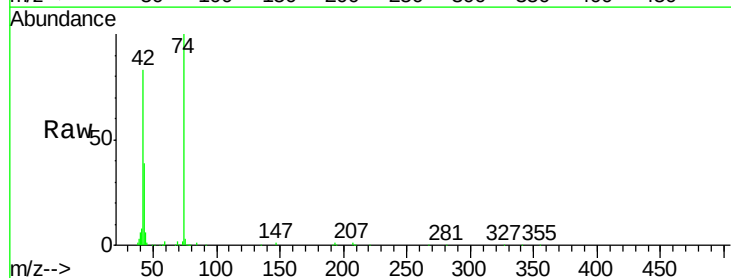
Sohil

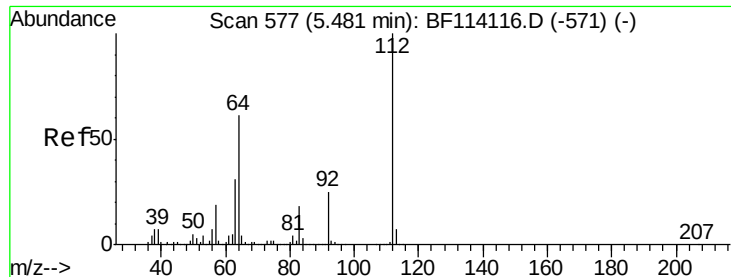
5/13/2019 8:37:26 PM



#4
 n-Nitrosodimethylamine
 Concen: 24.594 ng
 RT: 3.34 min Scan# 213
 Delta R.T. -0.01 min
 Lab File: BF114195.D
 Acq: 12 May 2019 16:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100				
74	120.7	88.6	132.8		
44	7.6	5.5	8.3		





#5

2-Fluorophenol

Concen: 75.719 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion: 112 Resp: 1537826

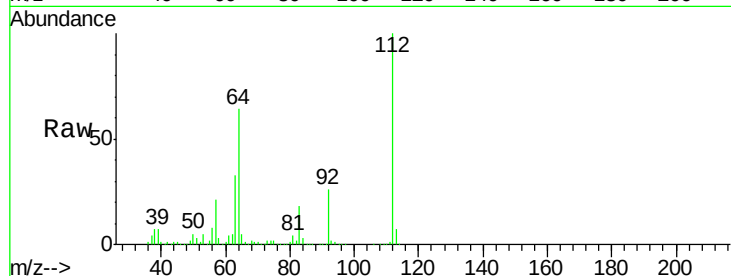
Ion Ratio Lower Upper

112 100

64 64.1 49.0 73.6

63 32.9 24.6 37.0

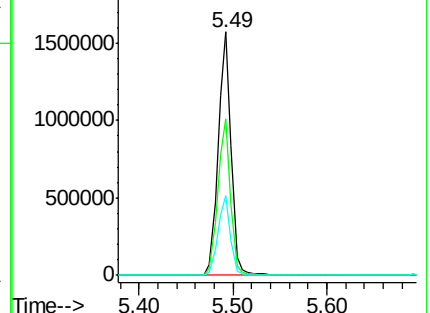
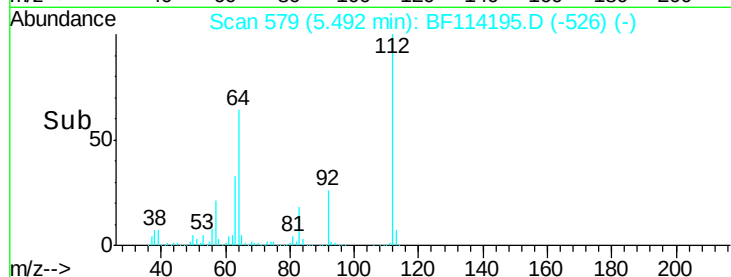
Manual Integrations
APPROVED



Abundance Ion 112.00 (111.70 to 112.70): E

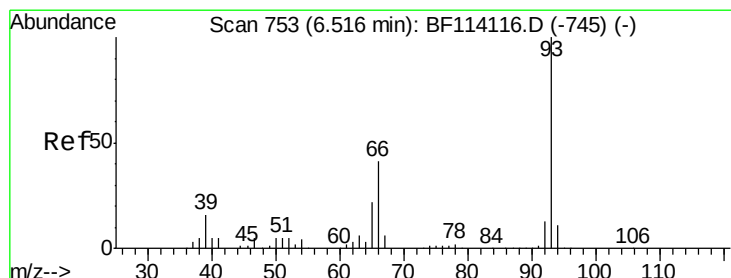
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



Sohil

5/13/2019 8:37:26 PM



#6

Aniline

Concen: 3.121 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

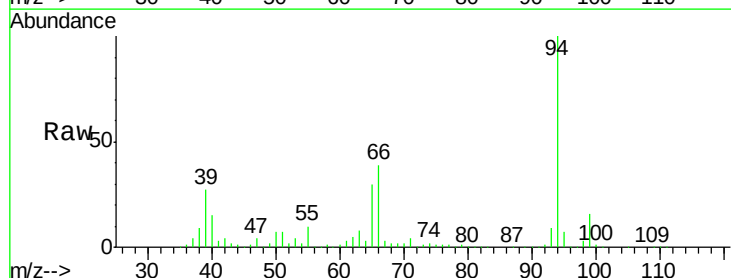
Tgt Ion: 93 Resp: 108287

Ion Ratio Lower Upper

93 100

66 444.4 33.2 49.8#

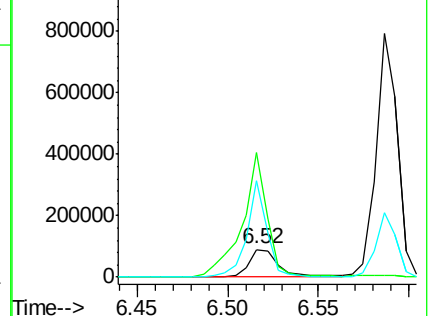
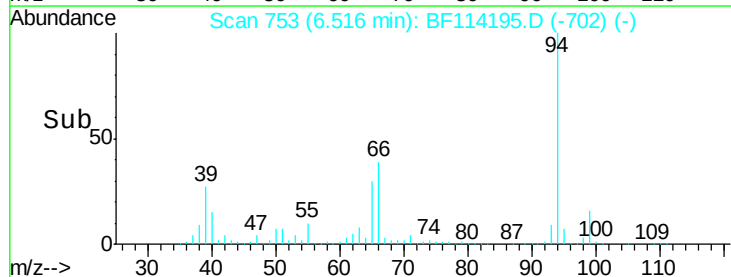
65 344.3 17.6 26.4#

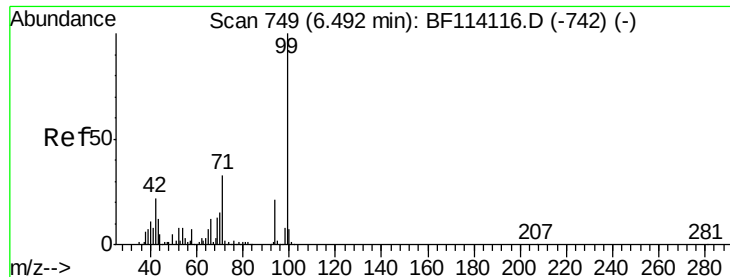


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.681 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion: 99 Resp: 2058135

Ion Ratio Lower Upper

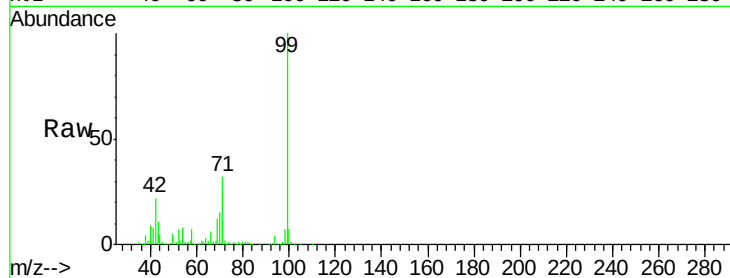
99 100

42 22.0 17.9 26.9

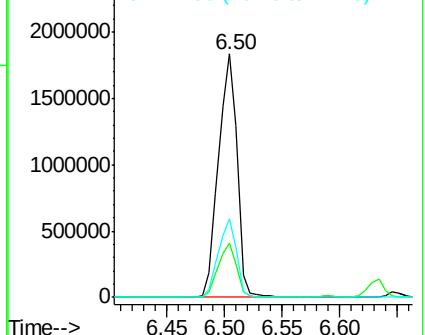
71 32.2 26.2 39.2

Manual Integrations

APPROVED

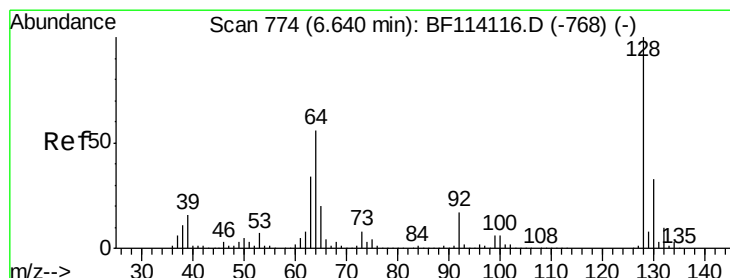
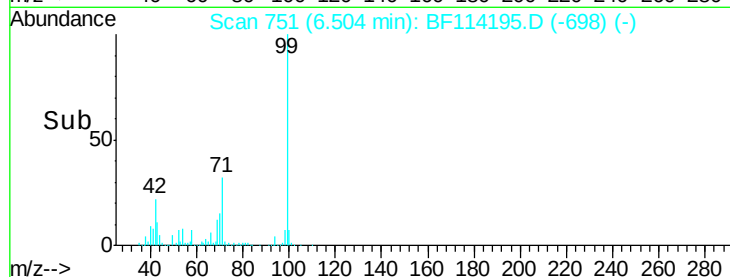


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Sohil

5/13/2019 8:37:26 PM



#8

2-Chlorophenol

Concen: 28.809 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

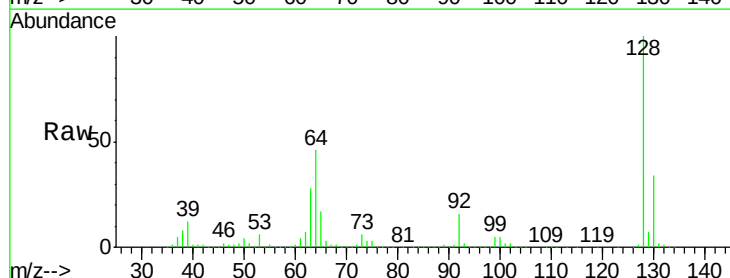
Tgt Ion: 128 Resp: 624636

Ion Ratio Lower Upper

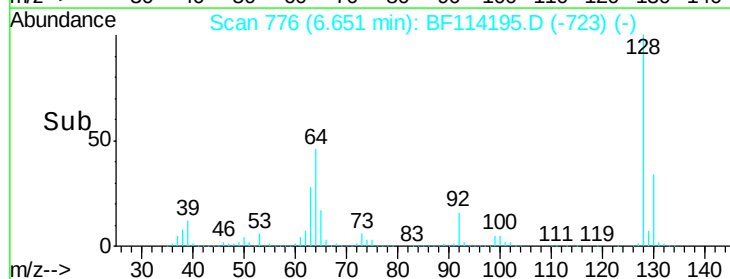
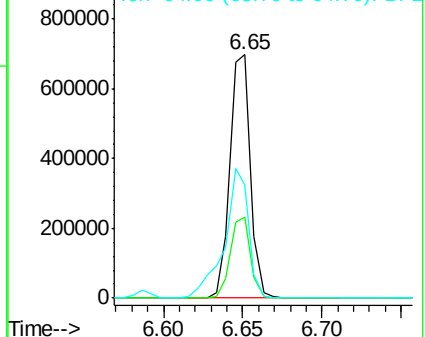
128 100

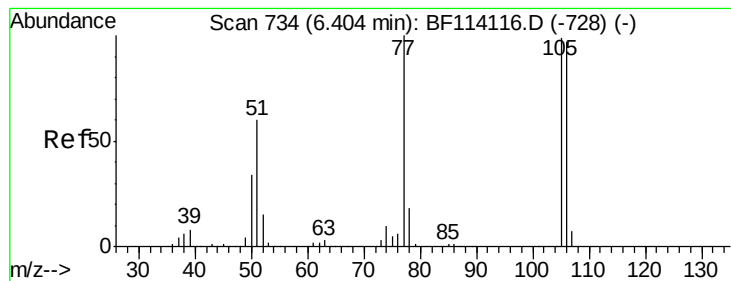
130 33.5 12.6 52.6

64 46.3 35.9 75.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 15.614 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

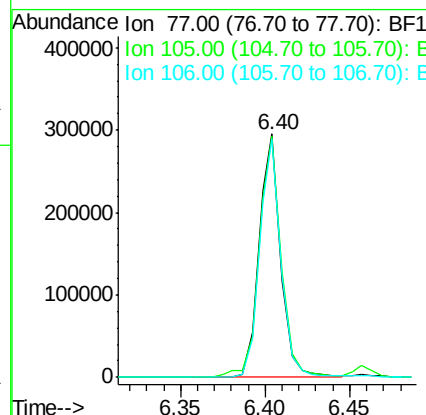
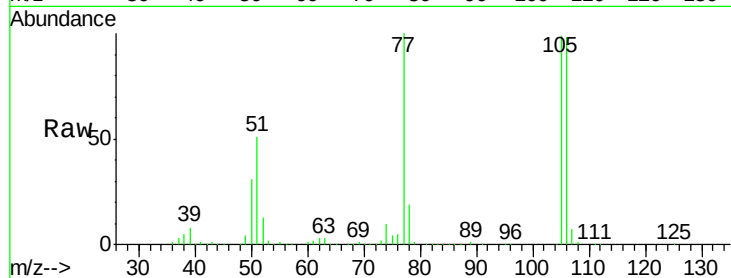
BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

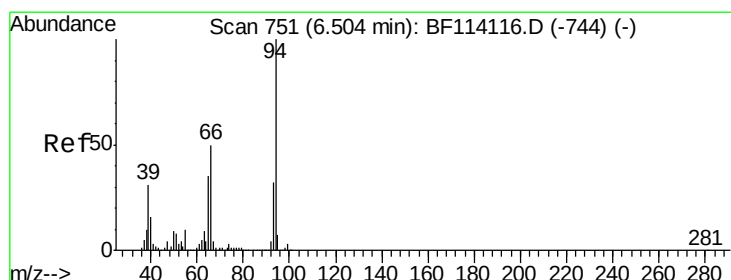
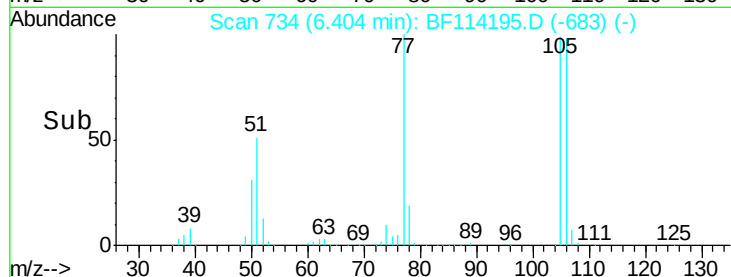
Tot Ion:	77	Resp:	262576
Ion Ratio	Lower	Upper	
77	100		
105	99.1	79.3	119.3
106	98.0	77.0	117.0

Manual Integrations
APPROVED



Sohil

5/13/2019 8:37:26 PM



#10

Phenol

Concen: 26.735 ng

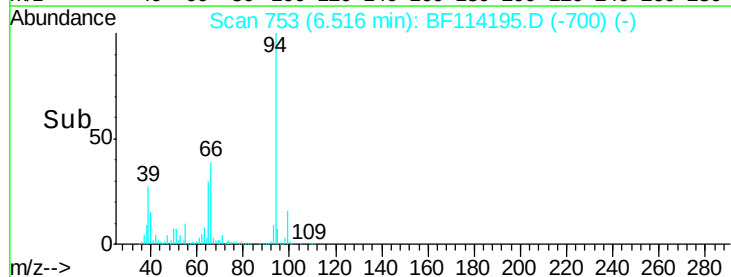
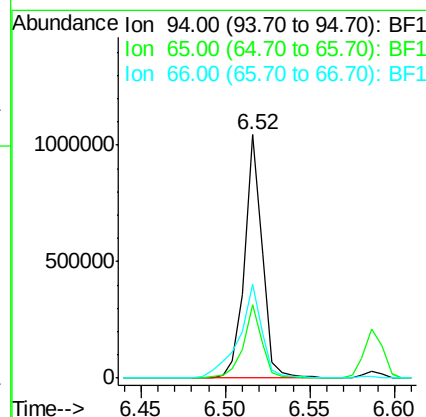
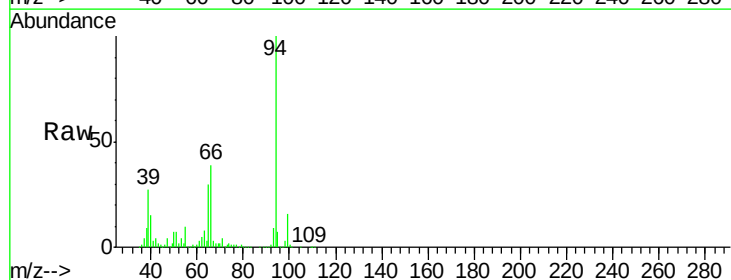
RT: 6.52 min Scan# 753

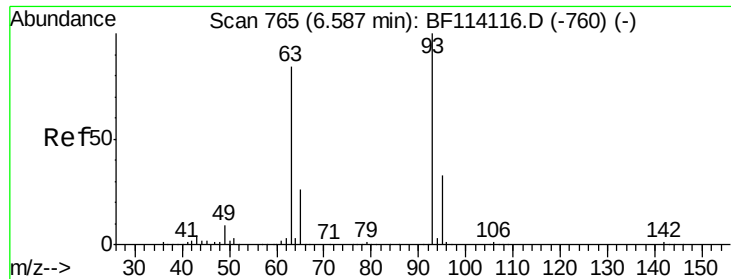
Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Tgt Ion:	94	Resp:	755464
Ion Ratio	Lower	Upper	
94	100		
65	29.9	14.7	54.7
66	38.7	29.6	69.6



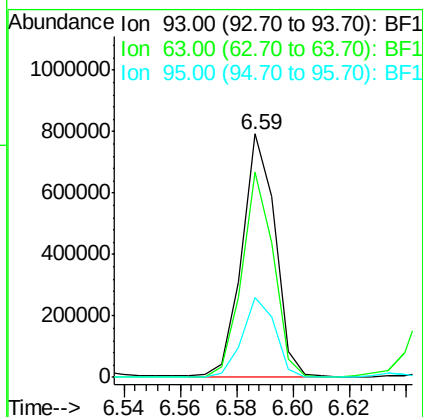
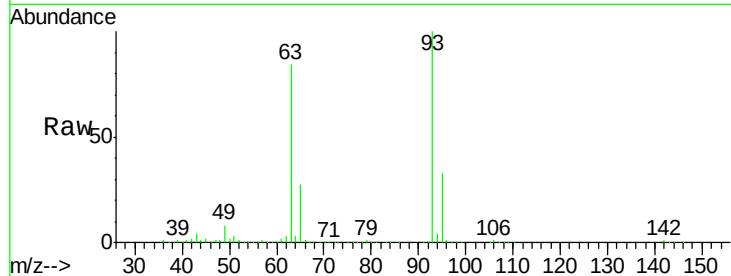


#11
bis(2-Chloroethyl)ether
Concen: 29.972 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

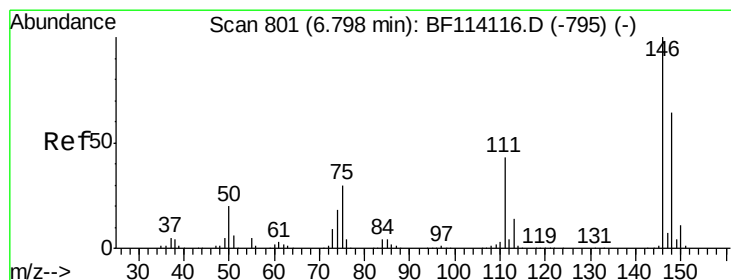
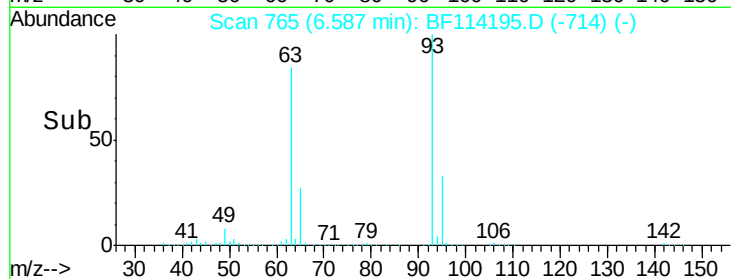
Tot Ion:	93	Resp:	642977
Ion Ratio	Lower	Upper	
93	100		
63	84.4	63.6	103.6
95	32.7	13.1	53.1

Manual Integrations
APPROVED



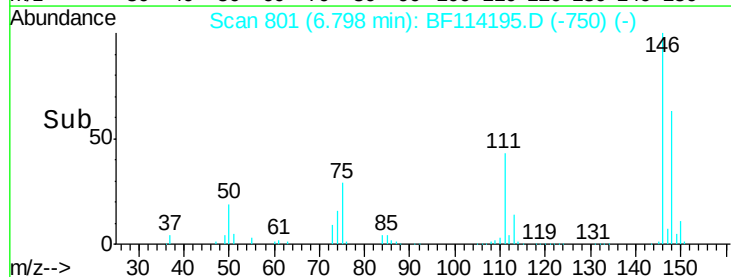
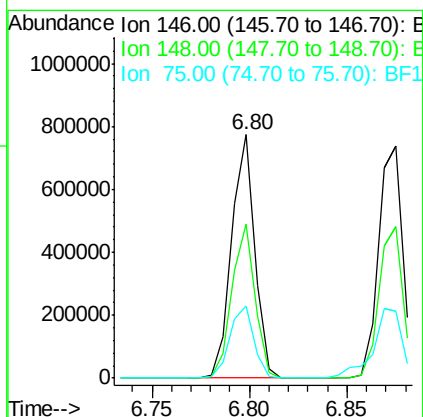
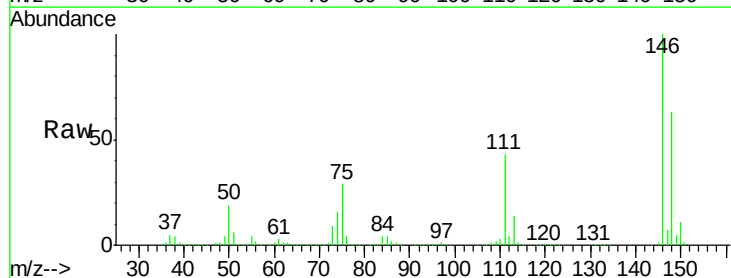
Sohil

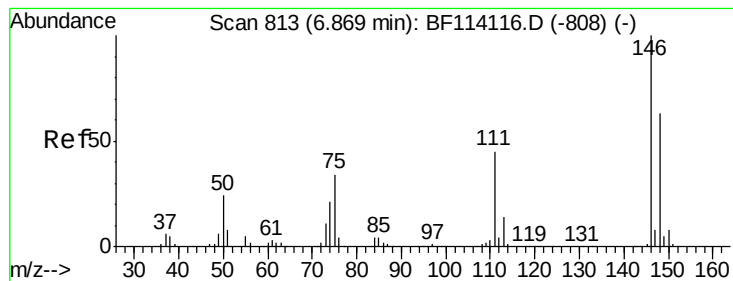
5/13/2019 8:37:26 PM



#12
1,3-Dichlorobenzene
Concen: 26.006 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion:	146	Resp:	632928
Ion Ratio	Lower	Upper	
146	100		
148	63.1	51.6	77.4
75	29.5	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 26.052 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

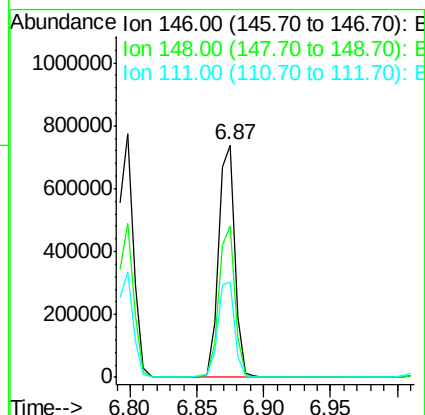
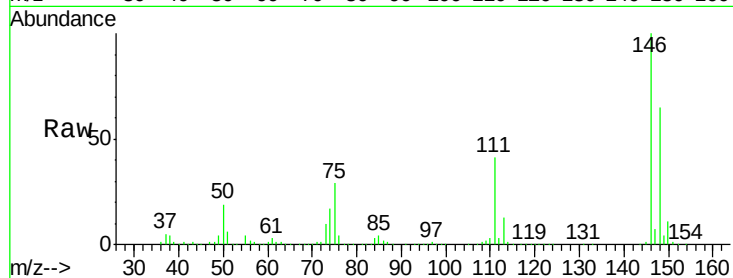
BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

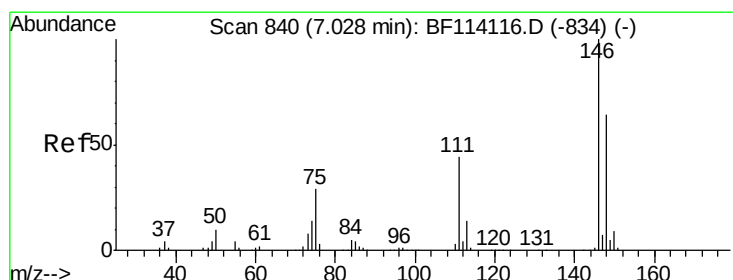
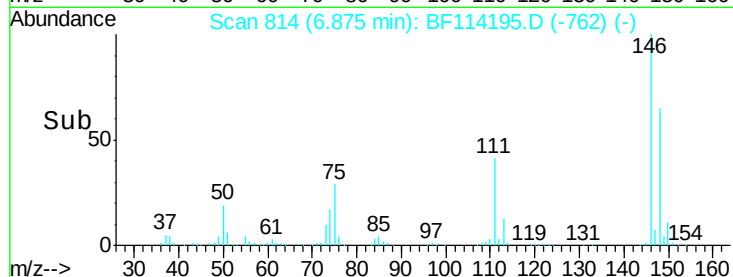
Tot Ion:	146	Resp:	638918
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.2	75.2
111	40.9	35.8	53.6

Manual Integrations
APPROVED



Sohil

5/13/2019 8:37:26 PM



#14

1,2-Dichlorobenzene

Concen: 26.818 ng

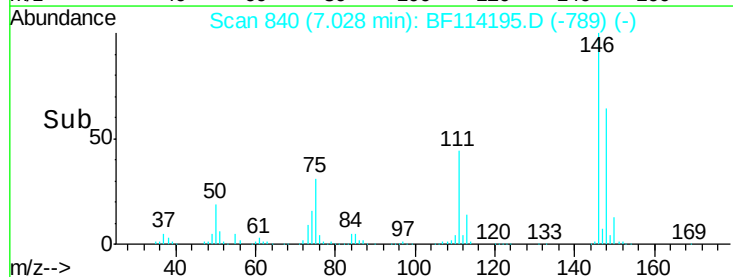
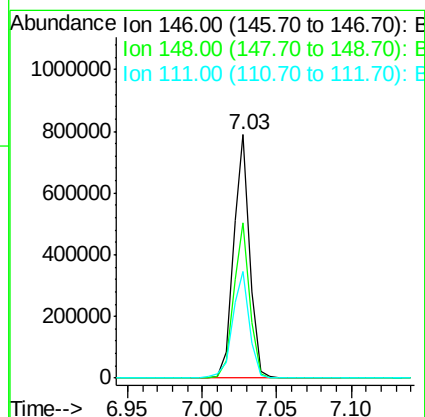
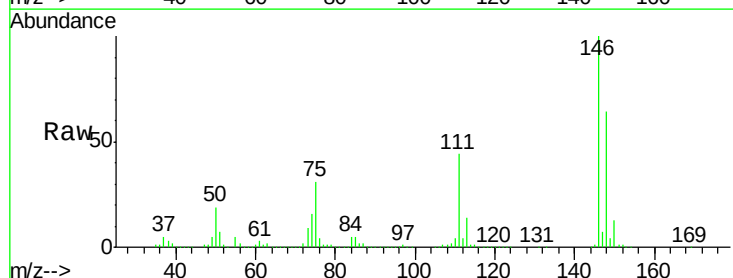
RT: 7.03 min Scan# 840

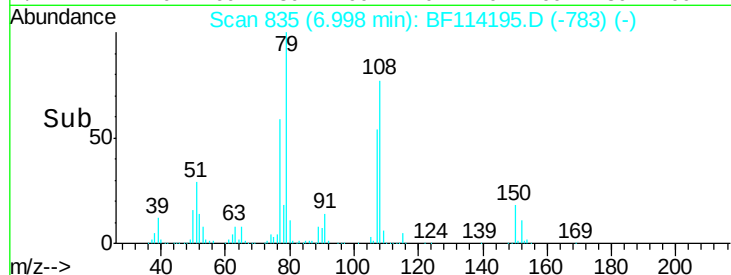
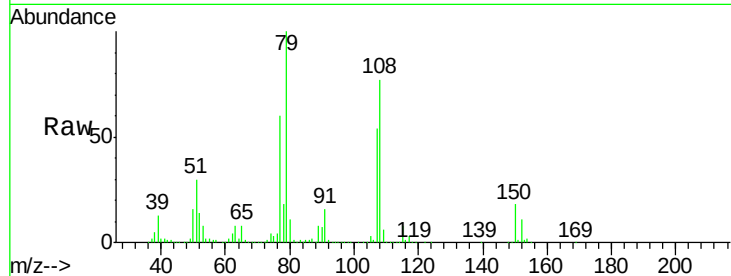
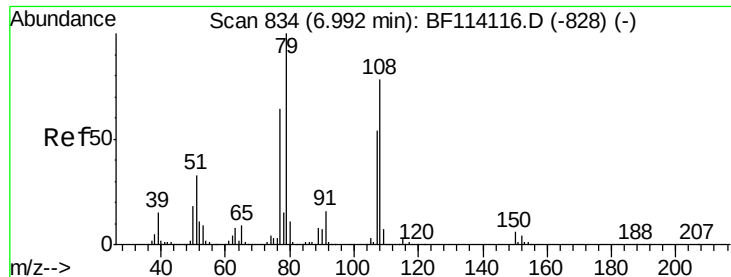
Delta R.T. -0.00 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Tgt Ion:	146	Resp:	600890
Ion Ratio	Lower	Upper	
146	100		
148	63.6	51.1	76.7
111	43.9	35.3	52.9



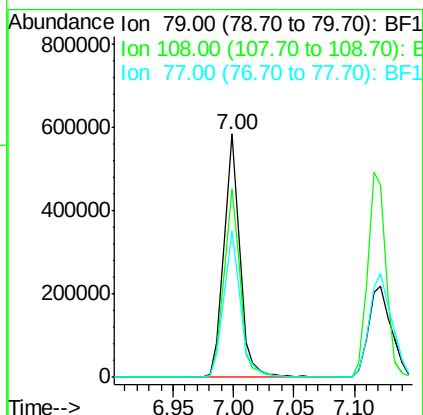


#15
Benzyl Alcohol
Concen: 28.699 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.3	62.1	93.1
77	60.0	51.0	76.6

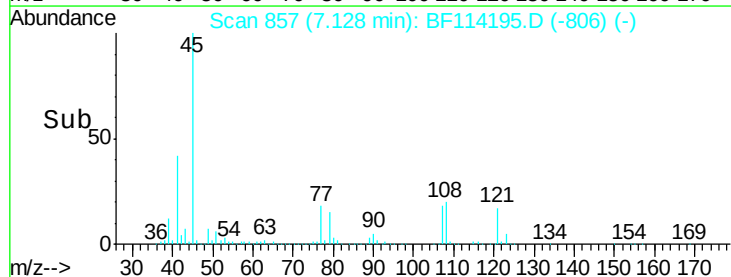
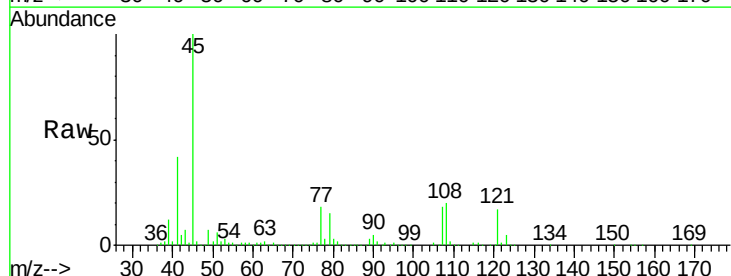
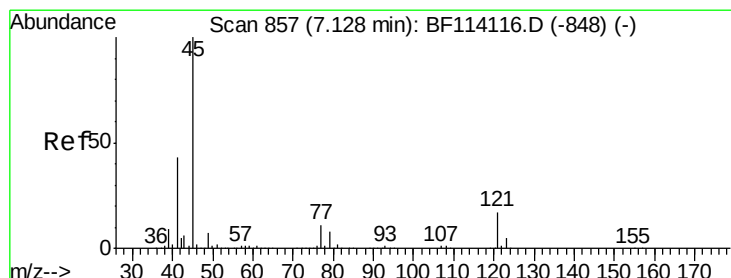
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Manual Integrations
APPROVED



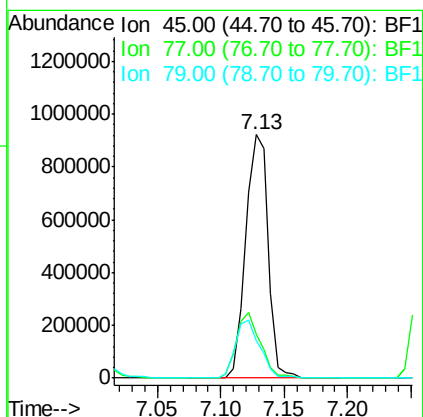
Sohil

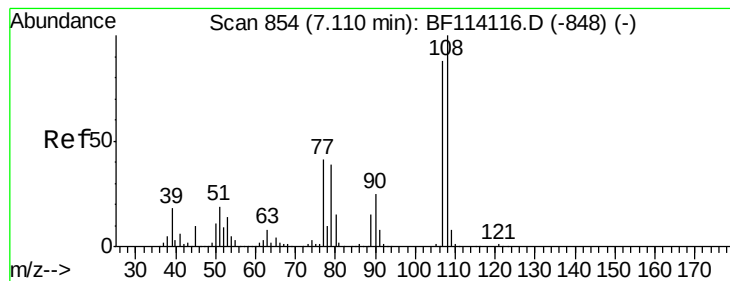
5/13/2019 8:37:26 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 27.205 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.3	0.0	31.1
79	15.4	0.0	28.4



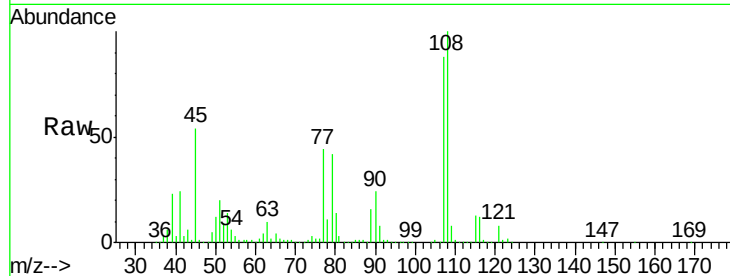


#17
2-Methylphenol
Concen: 25.565 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	90.5	135.7	
77	50.3	37.0	55.4	
79	47.4	35.8	53.8	

Manual Integrations
APPROVED



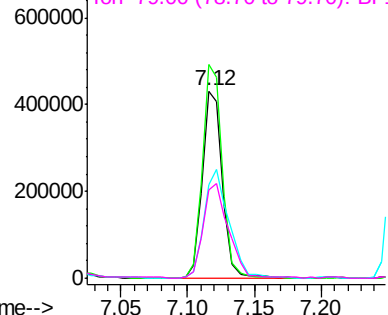
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

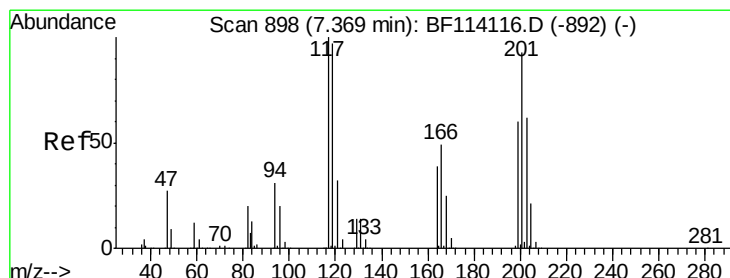
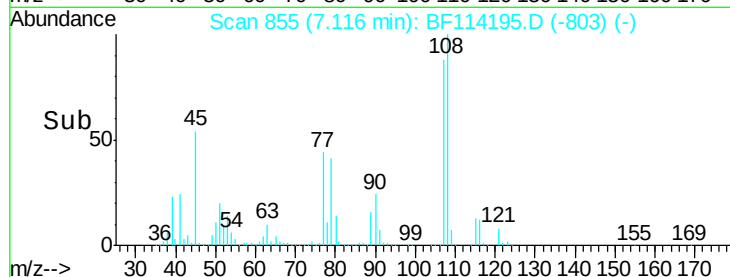
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



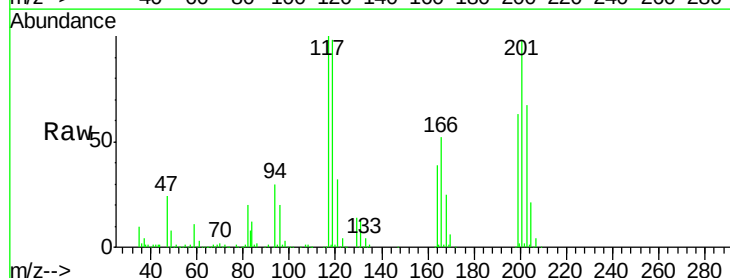
Sohil

5/13/2019 8:37:26 PM



#18
Hexachloroethane
Concen: 21.807 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.7	77.4	116.2	
201	97.8	74.5	111.7	

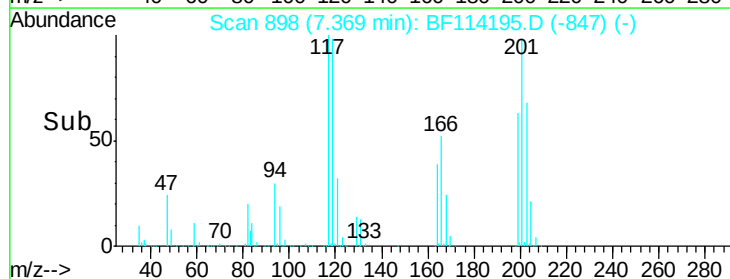
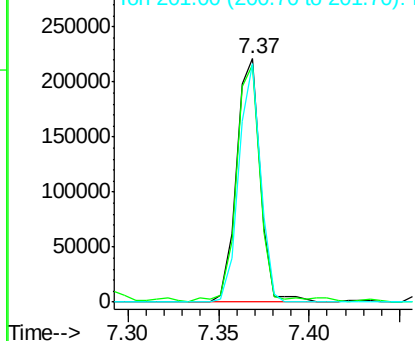


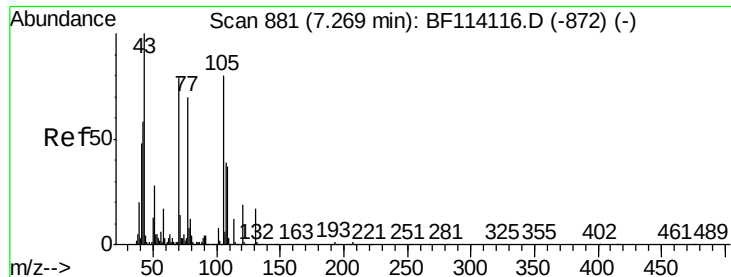
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



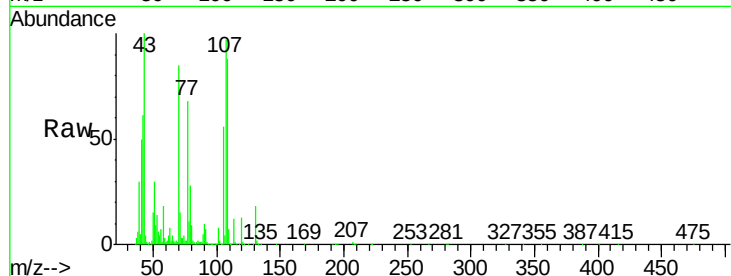


#19
n-Nitroso-di-n-propylamine
Concen: 28.889 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

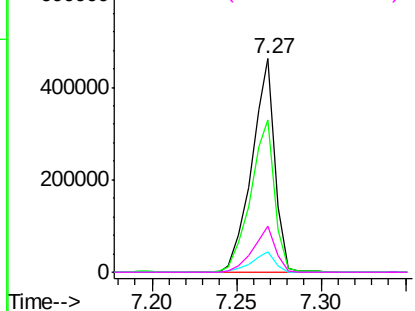
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	71.3	58.6	87.8
101	9.7	7.8	11.8
130	21.4	17.1	25.7

Manual Integrations
APPROVED

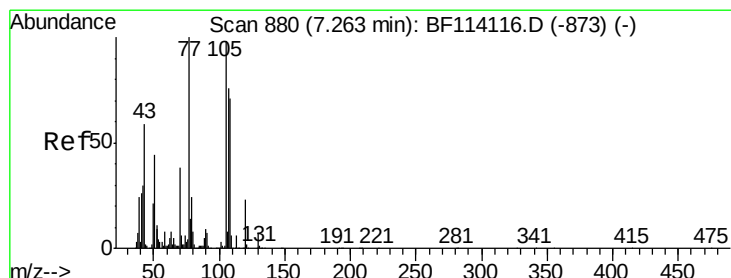
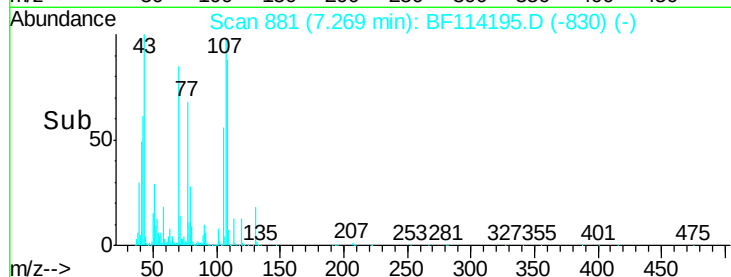


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1



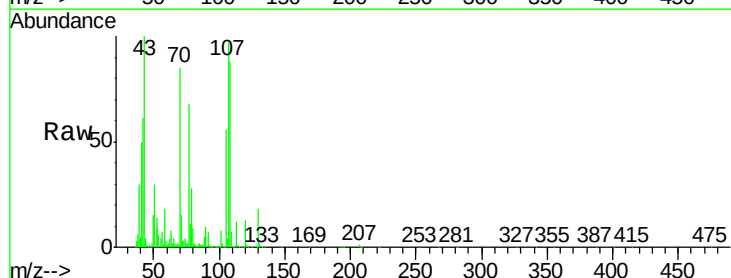
Sohil

5/13/2019 8:37:26 PM

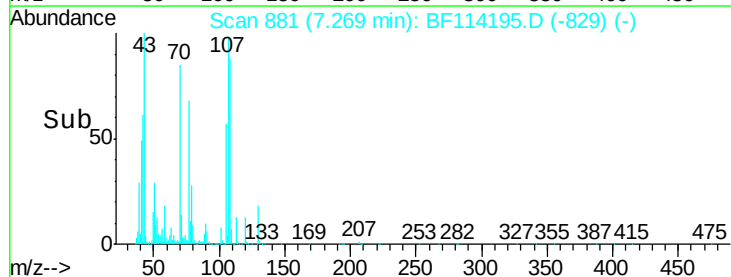
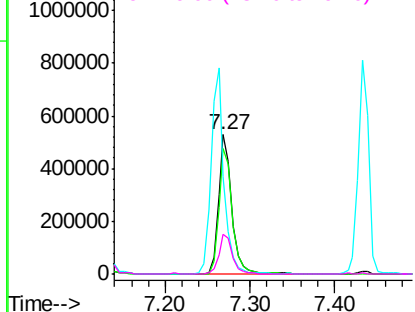


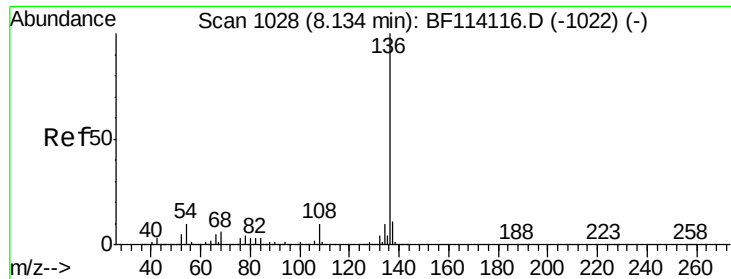
#20
3+4-Methylphenols
Concen: 28.365 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	73.8	113.8
77	70.0	111.5	151.5#
79	28.8	12.0	52.0



Abundance Ion 107.00 (106.70 to 107.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



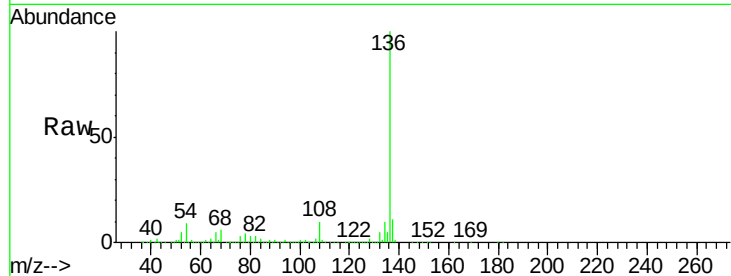


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

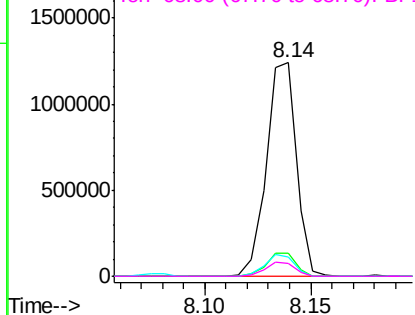
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.9	7.8	11.8
68	6.2	5.1	7.7

Manual Integrations
APPROVED

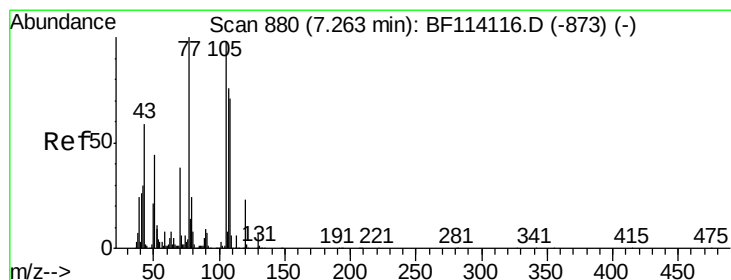
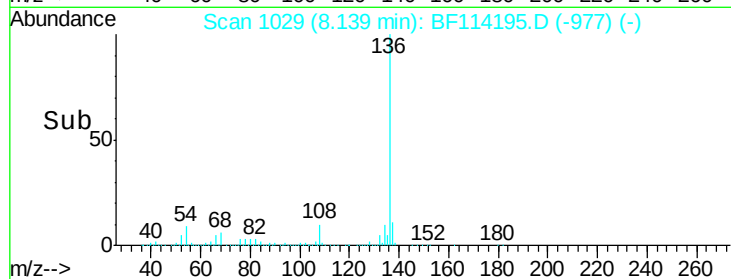


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



Sohil

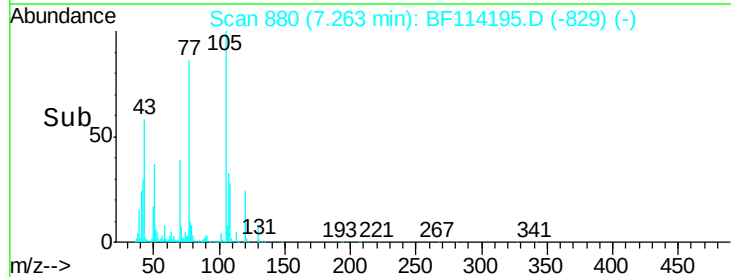
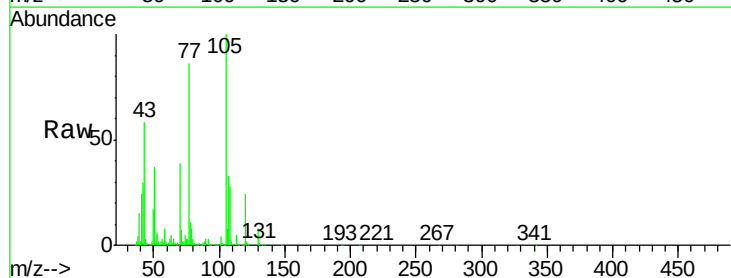
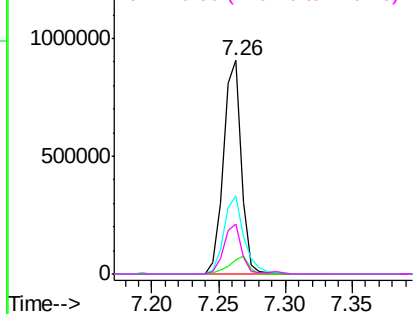
5/13/2019 8:37:26 PM

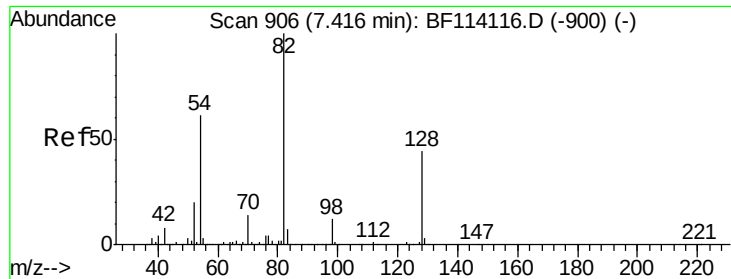


#22
Acetophenone
Concen: 31.810 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.9	5.3	7.9
51	36.7	36.2	54.4
120	23.5	18.6	28.0

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



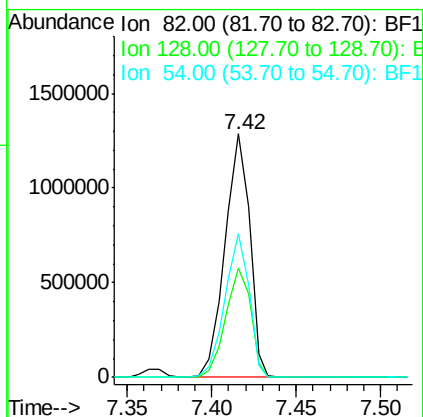
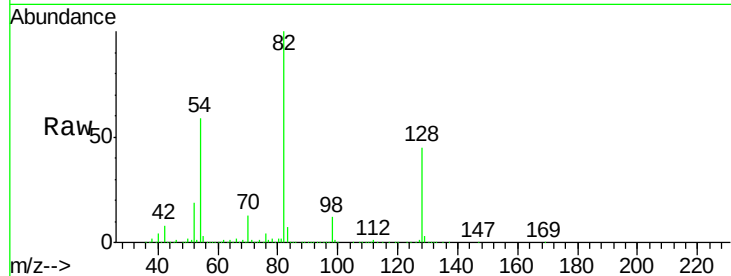


#23
Nitrobenzene-d5
Concen: 60.073 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

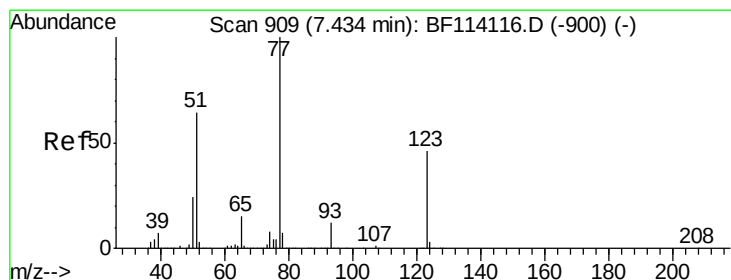
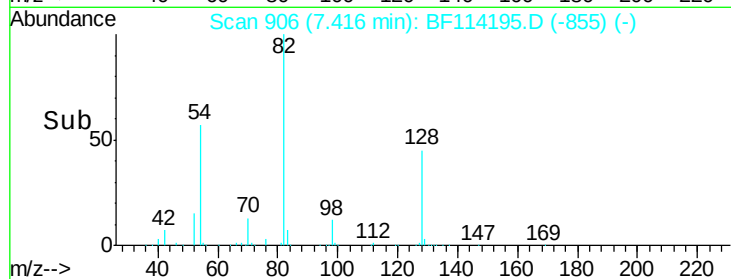
Tot Ion	82	Resp	1309835
Ion Ratio	100	Lower	Upper
128	45.0	35.5	53.3
54	58.9	48.5	72.7

Manual Integrations
APPROVED



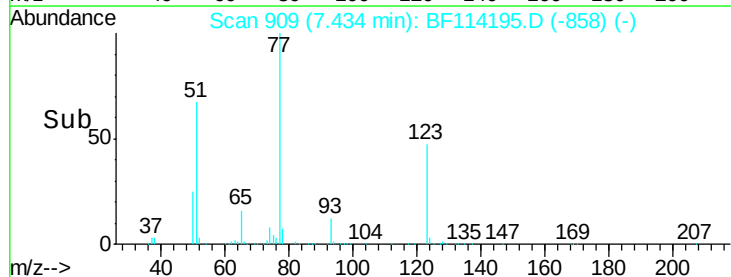
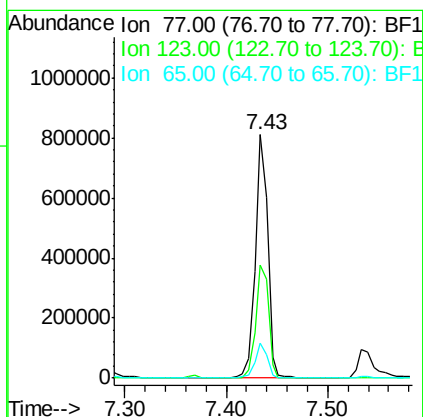
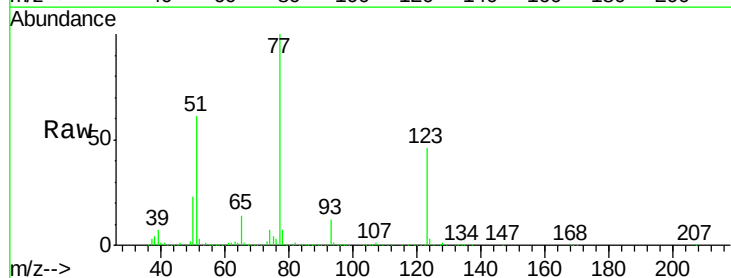
Sohil

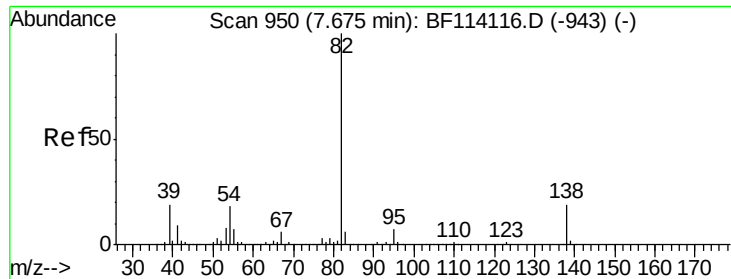
5/13/2019 8:37:26 PM



#24
Nitrobenzene
Concen: 30.752 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	77	Resp	682918
Ion Ratio	100	Lower	Upper
123	46.3	36.9	55.3
65	14.2	11.8	17.6



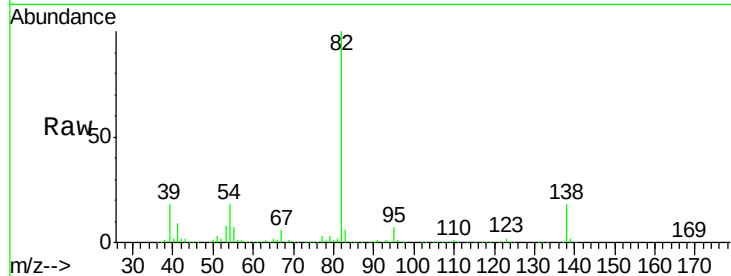


#25
Isophorone
Concen: 30.272 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

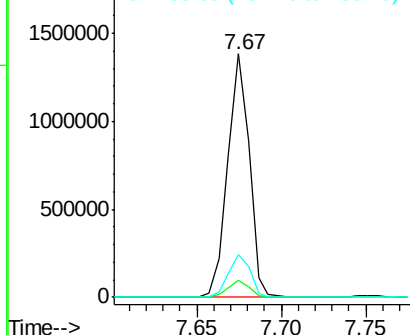
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion: 82 Resp: 1224143
Ion Ratio Lower Upper
82 100
95 6.8 5.6 8.4
138 17.6 14.8 22.2

Manual Integrations
APPROVED

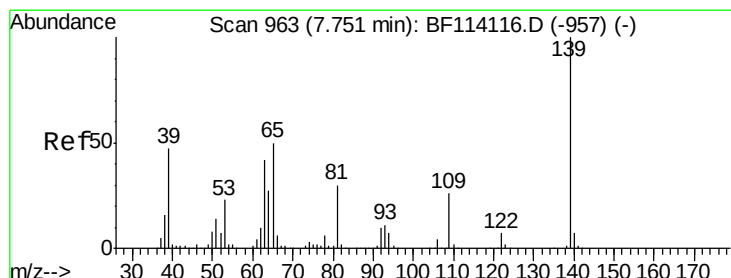
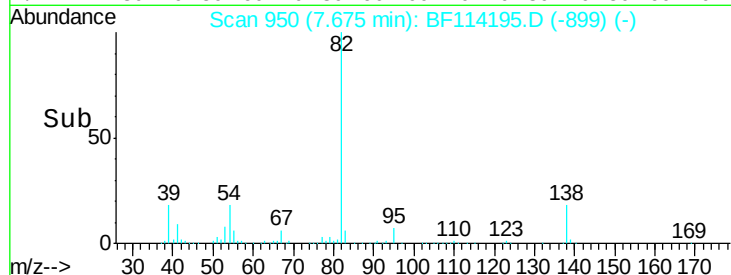


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



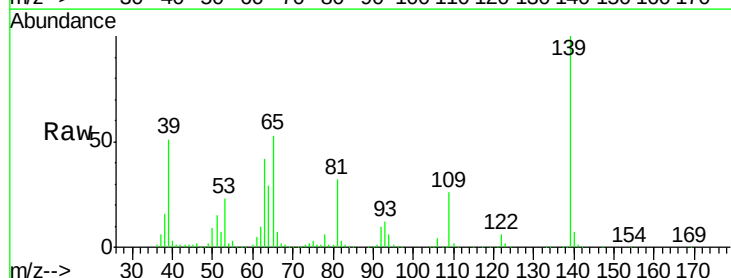
Sohil

5/13/2019 8:37:26 PM

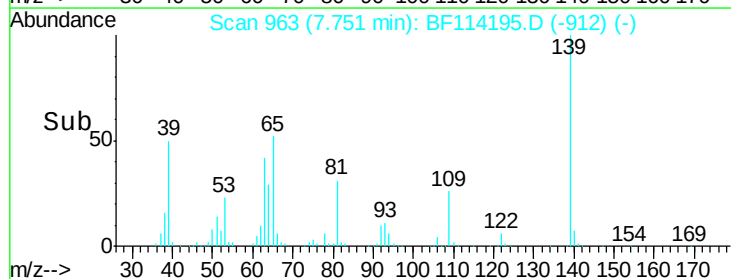
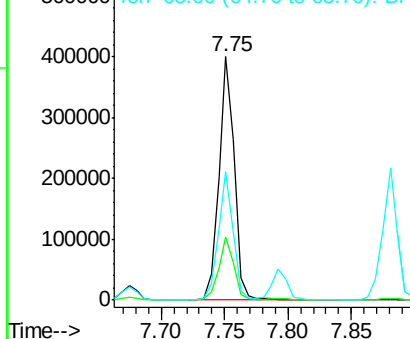


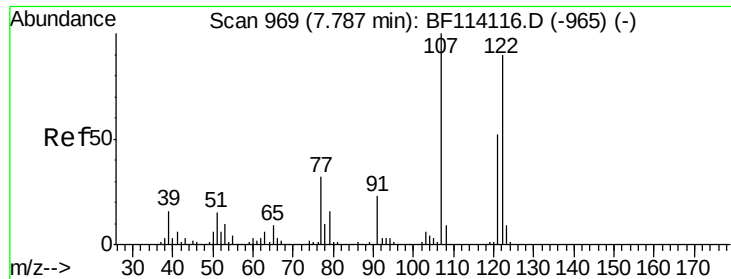
#26
2-Nitrophenol
Concen: 31.695 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion: 139 Resp: 341489
Ion Ratio Lower Upper
139 100
109 25.7 20.7 31.1
65 52.6 40.2 60.2



Abundance Ion 139.00 (138.70 to 139.70): BF1
Ion 109.00 (108.70 to 109.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 24.986 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

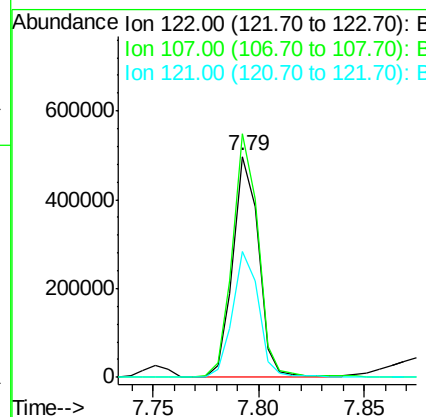
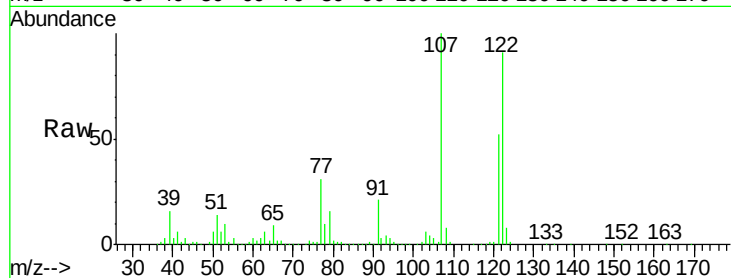
BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

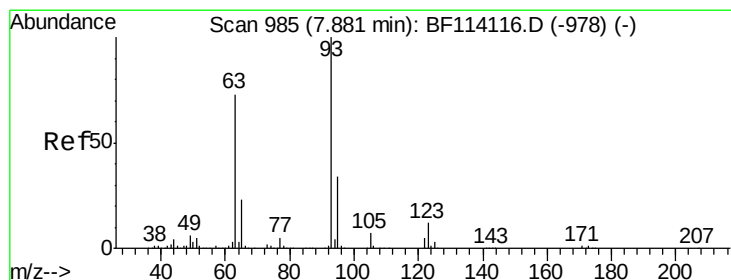
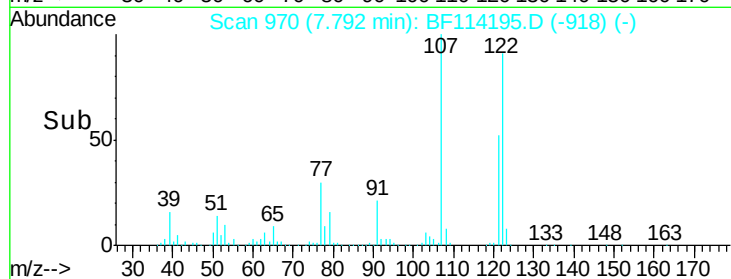
Tot Ion:	122	Resp:	422813
Ion Ratio	Lower	Upper	
122	100		
107	110.3	88.4	132.6
121	57.2	45.9	68.9

Manual Integrations
APPROVED



Sohil

5/13/2019 8:37:26 PM



#28

bis(2-Chloroethoxy)methane

Concen: 30.112 ng

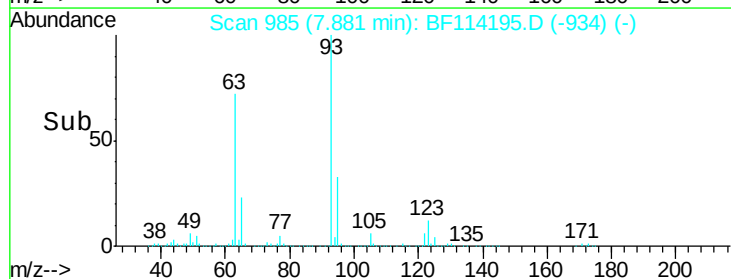
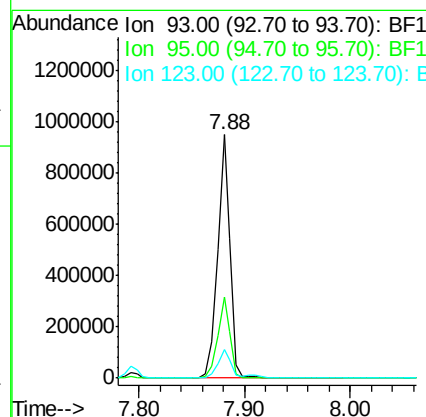
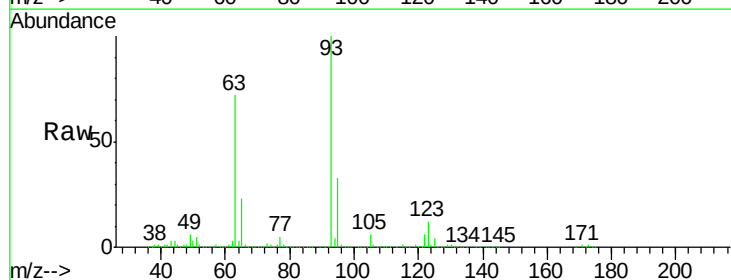
RT: 7.88 min Scan# 985

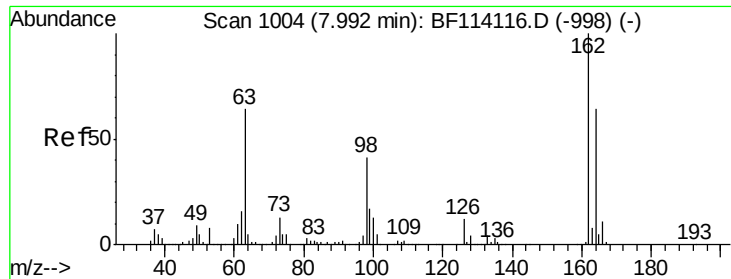
Delta R.T. -0.00 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Tgt Ion:	93	Resp:	790066
Ion Ratio	Lower	Upper	
93	100		
95	33.5	26.8	40.2
123	11.6	9.5	14.3



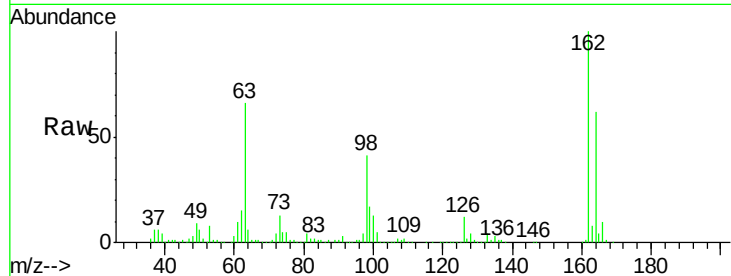


#29
2,4-Dichlorophenol
Concen: 30.282 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

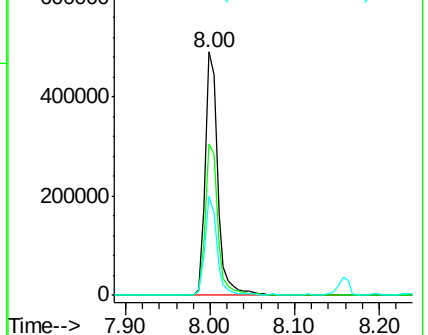
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
164	62.4	43.6	83.6	
98	40.7	20.6	60.6	

Manual Integrations
APPROVED

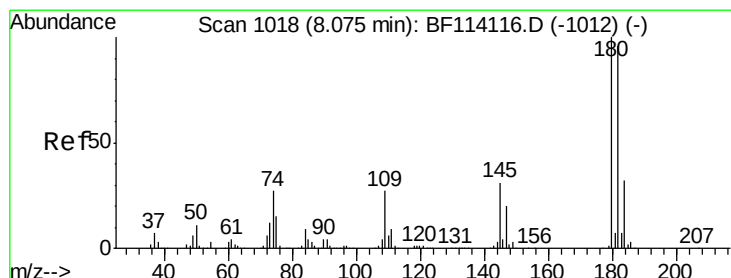
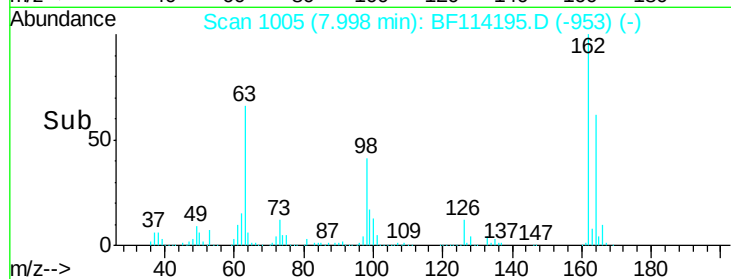


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



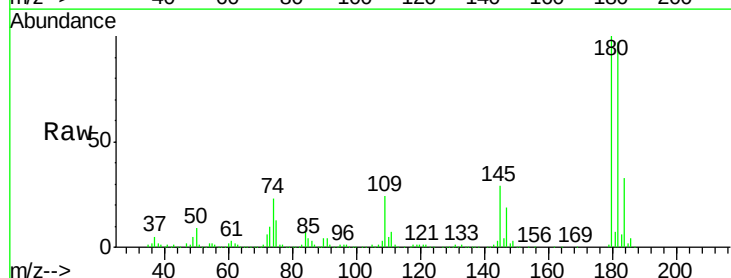
Sohil

5/13/2019 8:37:26 PM

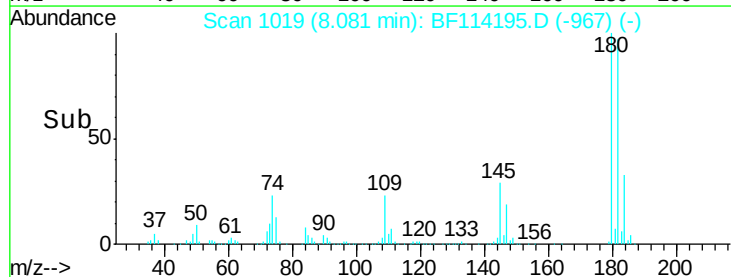
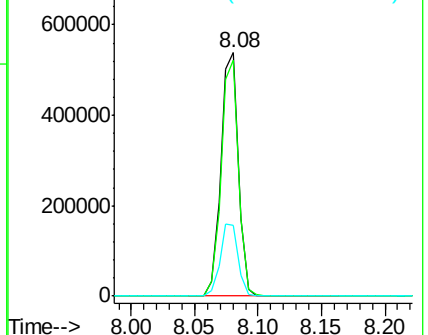


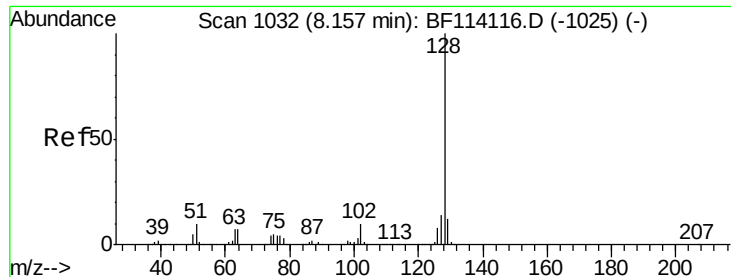
#30
1,2,4-Trichlorobenzene
Concen: 27.261 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100			
182	97.1	76.6	114.8	
145	29.2	25.1	37.7	



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E



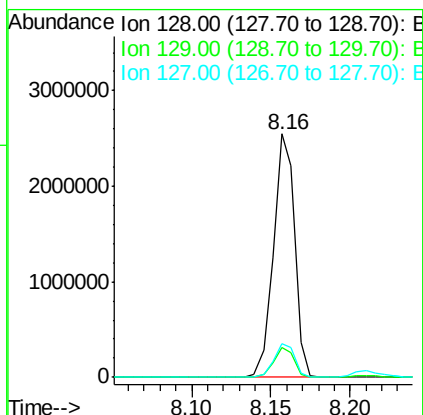
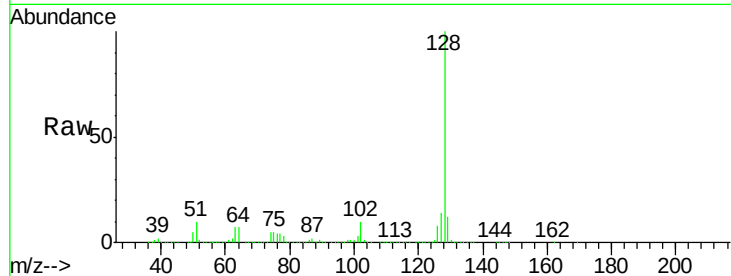


#31
Naphthalene
Concen: 41.466 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

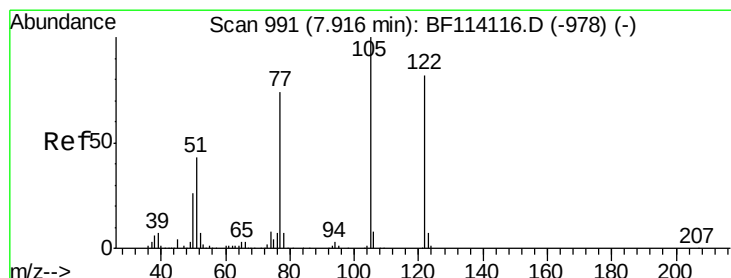
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.6	14.4
127	14.0	11.3	16.9

Manual Integrations
APPROVED



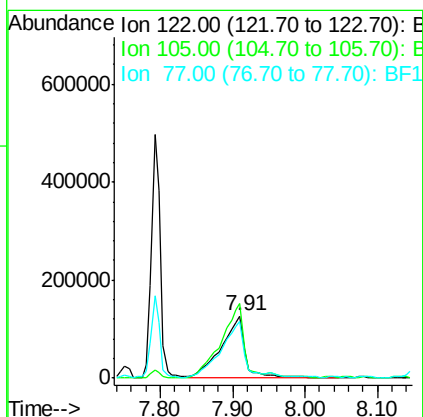
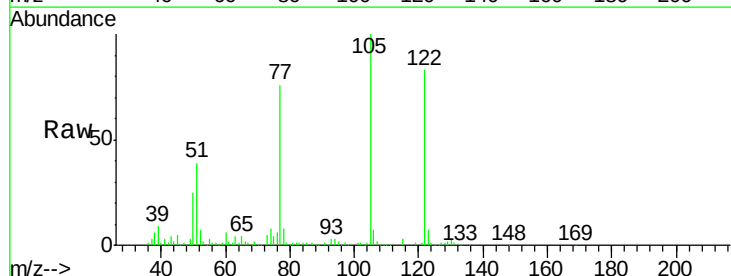
Sohil

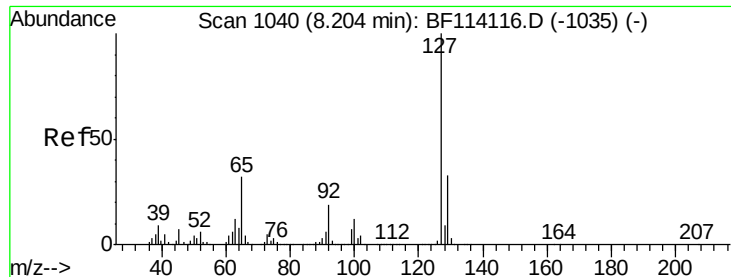
5/13/2019 8:37:26 PM



#32
Benzoic acid
Concen: 27.340 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.5	99.9	139.9
77	91.4	69.4	109.4



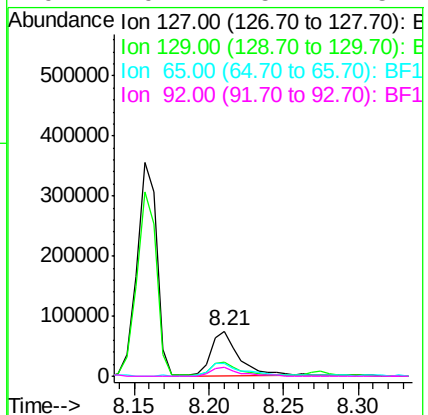
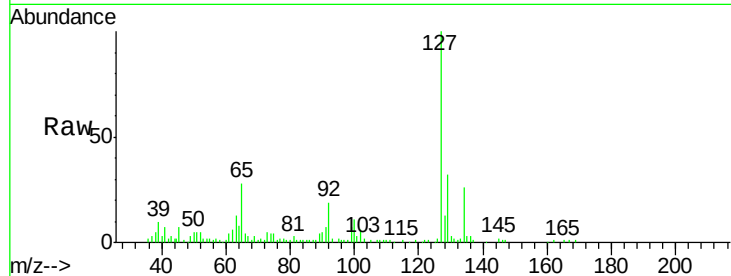


#33
 4-Chloroaniline
 Concen: 3.687 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. 0.01 min
 Lab File: BF114195.D
 Acq: 12 May 2019 16:30

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

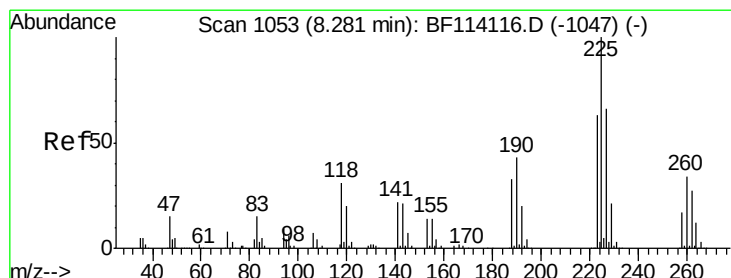
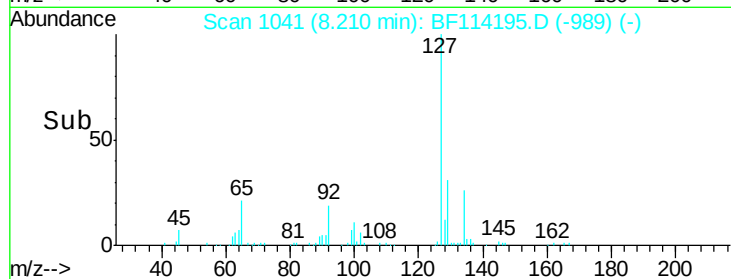
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		96043		
129	32.2	26.7	40.1		
65	27.8	25.4	38.0		
92	19.4	15.4	23.2		

Manual Integrations
 APPROVED



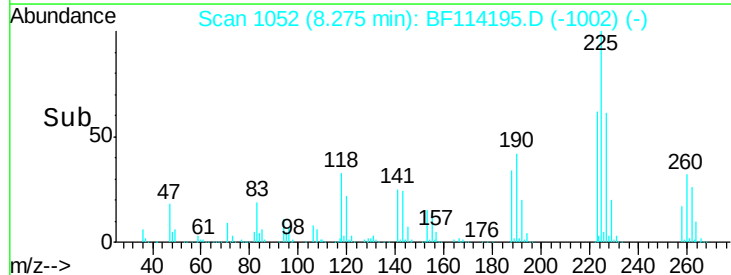
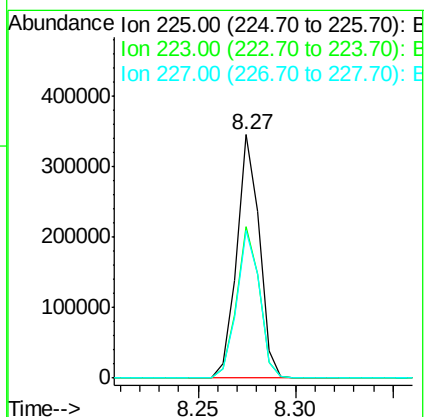
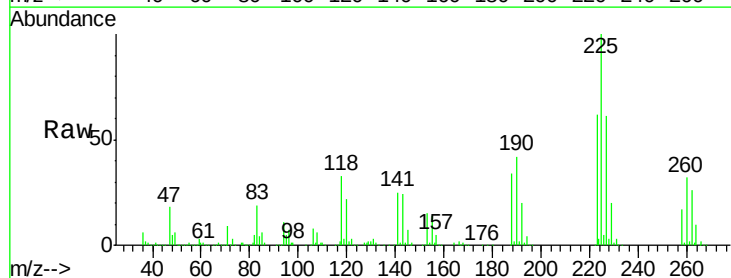
Sohil

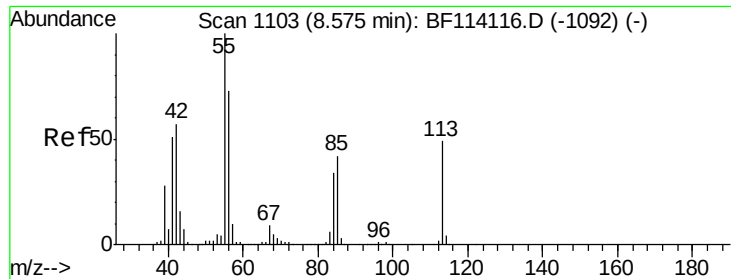
5/13/2019 8:37:26 PM



#34
 Hexachlorobutadiene
 Concen: 25.410 ng
 RT: 8.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BF114195.D
 Acq: 12 May 2019 16:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		277026		
223	62.4	50.2	75.2		
227	60.8	52.6	79.0		





#35

Caprolactam

Concen: 27.472 ng

RT: 8.57 min Scan# 1103

Delta R.T. -0.00 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

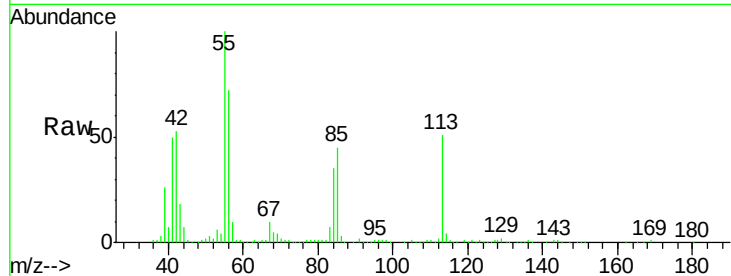
BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	195.7	183.5	223.5
56	141.4	128.8	168.8

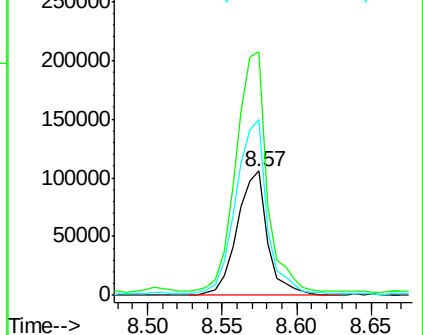
Manual Integrations
APPROVED



Abundance Ion 113.00 (112.70 to 113.70): E

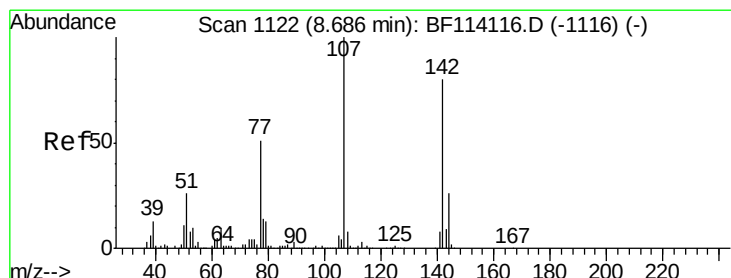
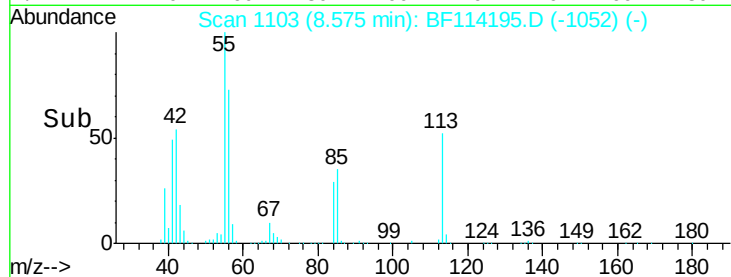
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



Sohil

5/13/2019 8:37:26 PM



#36

4-Chloro-3-methylphenol

Concen: 30.785 ng

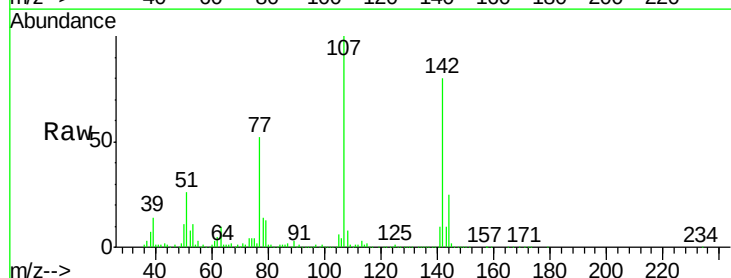
RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

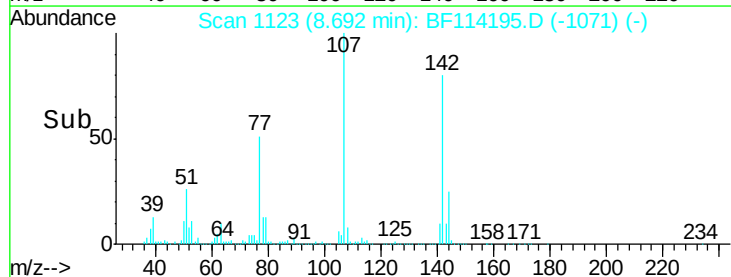
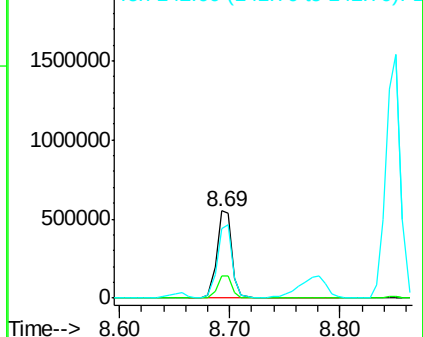
Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.1	20.4	30.6
142	79.6	64.2	96.4

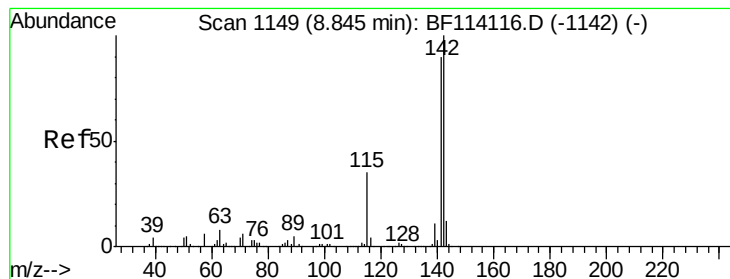


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



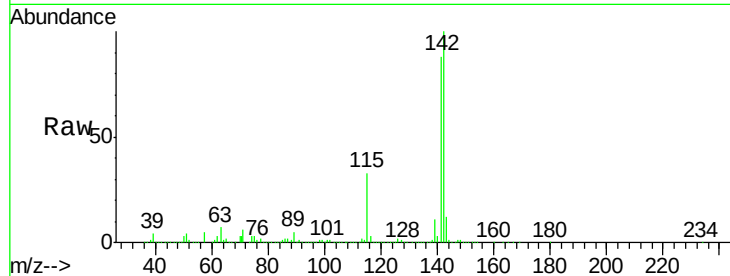


#37
2-Methylnaphthalene
Concen: 38.101 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.1	108.1
115	32.5	28.0	42.0

Manual Integrations
APPROVED

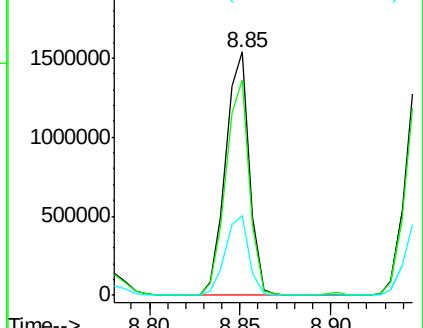


Abundance

Ion 142.00 (141.70 to 142.70): E

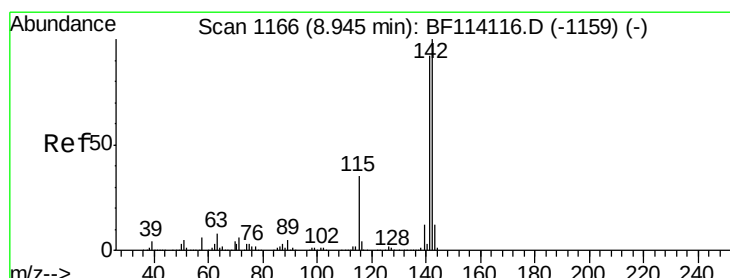
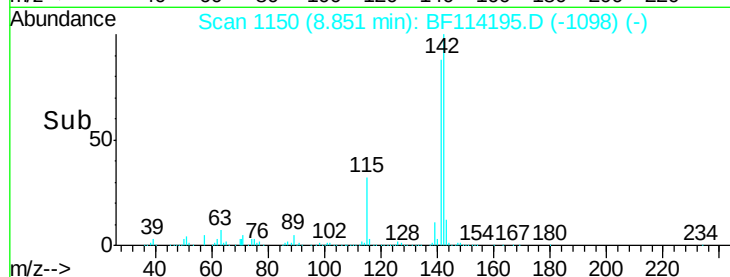
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



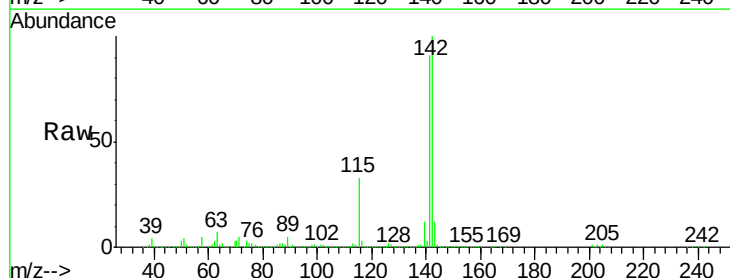
Sohil

5/13/2019 8:37:26 PM



#38
1-Methylnaphthalene
Concen: 35.918 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.4	110.0
116	3.5	3.1	4.7

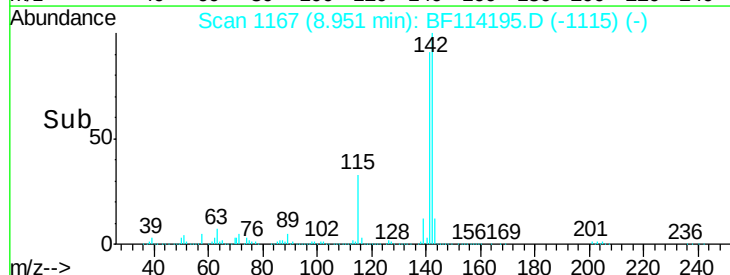
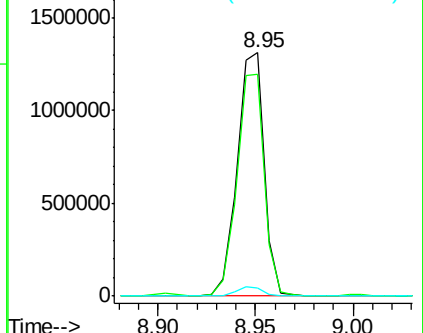


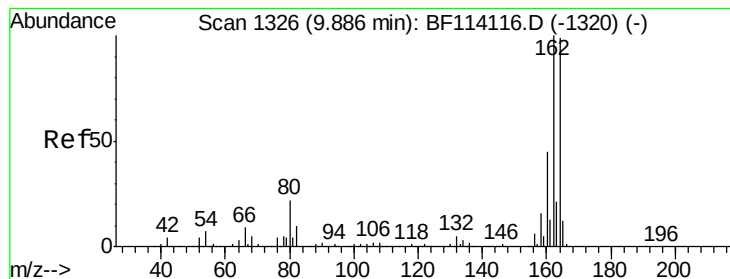
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

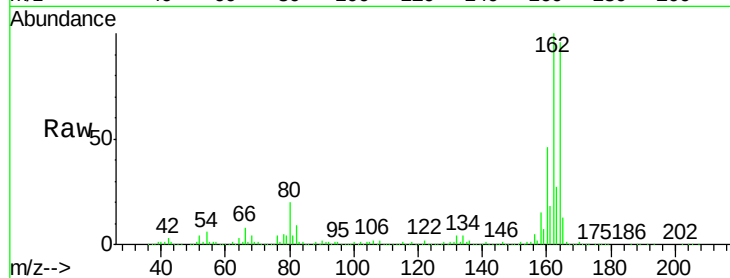
BNA_F

ClientSampleId :

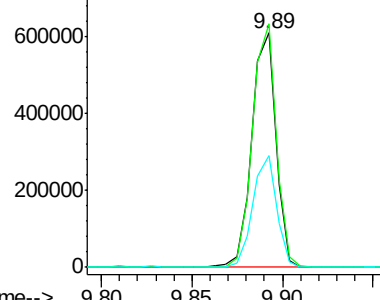
P026-SS012-0002-01MSD

Tot Ion:	164	Resp:	564348
Ion Ratio	Lower	Upper	
164	100		
162	103.9	80.6	120.8
160	47.8	36.5	54.7

Manual Integrations
APPROVED

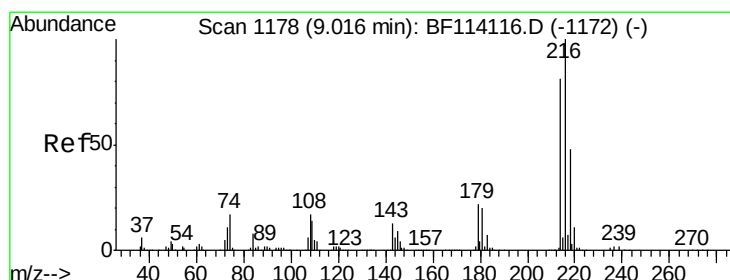
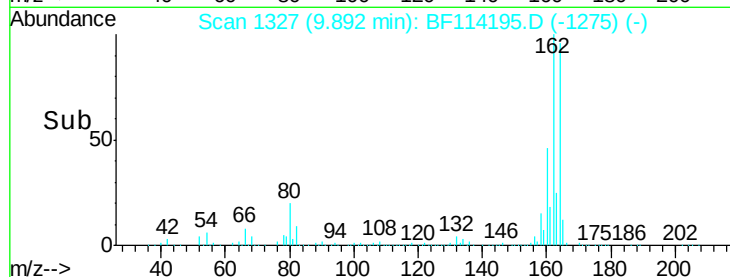


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



Sohil

5/13/2019 8:37:26 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 28.575 ng

RT: 9.02 min Scan# 1178

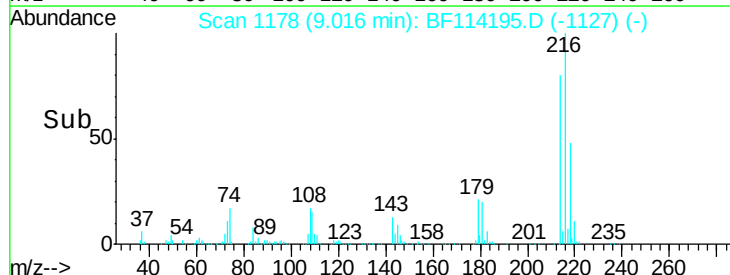
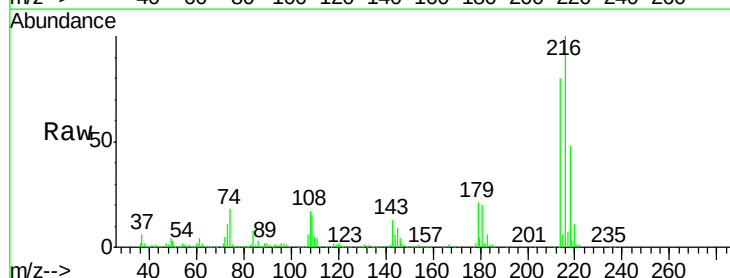
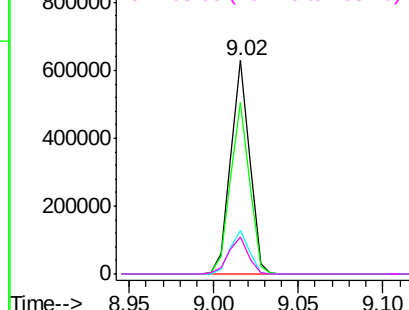
Delta R.T. -0.00 min

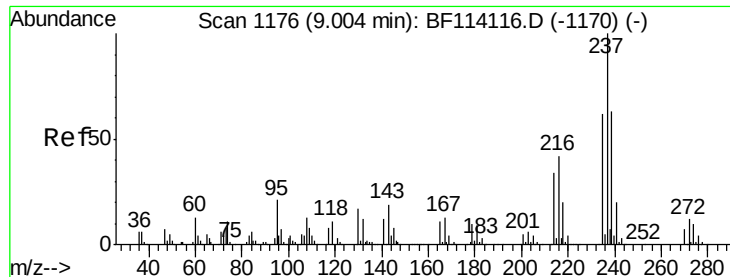
Lab File: BF114195.D

Acq: 12 May 2019 16:30

Tgt Ion:	216	Resp:	488503
Ion Ratio	Lower	Upper	
216	100		
214	80.7	63.9	95.9
179	21.0	17.0	25.6
108	17.8	14.8	22.2

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 11.450 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

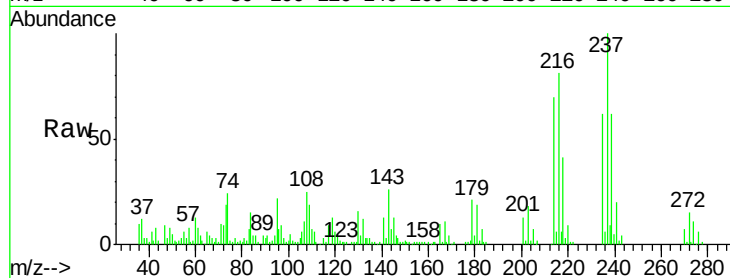
BNA_F

ClientSampleId :

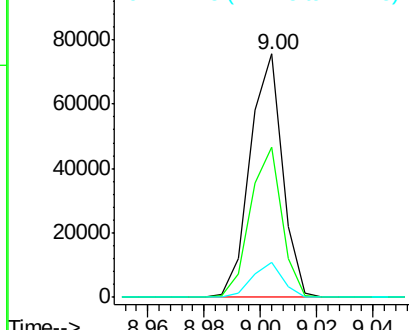
P026-SS012-0002-01MSD

Tot Ion:	237	Resp:	59998
Ion Ratio	Lower	Upper	
237	100		
235	61.5	42.0	82.0
272	14.5	0.0	32.4

Manual Integrations
APPROVED

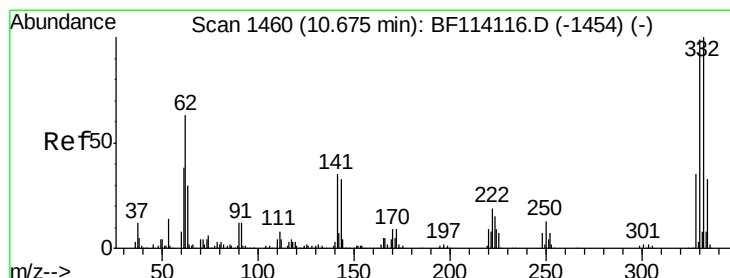
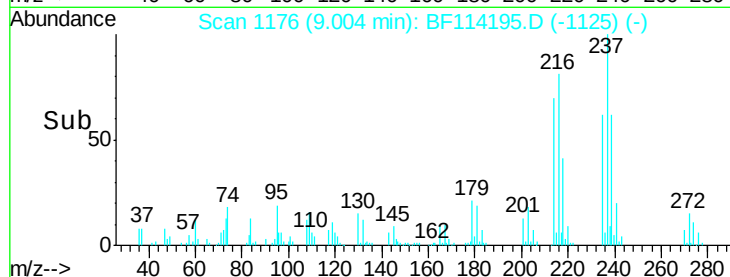


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



Sohil

5/13/2019 8:37:26 PM



#42

2,4,6-Tribromophenol

Concen: 71.545 ng

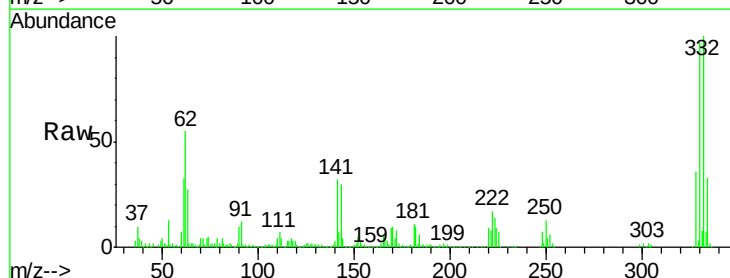
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

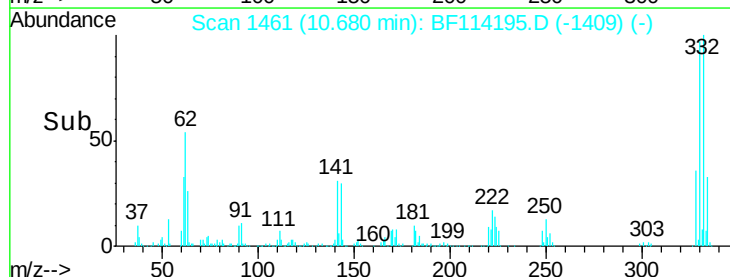
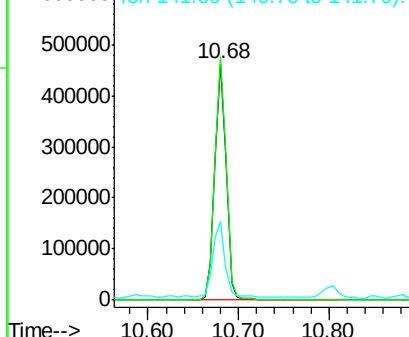
Lab File: BF114195.D

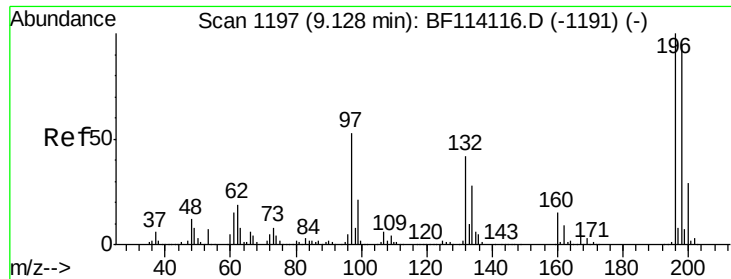
Acq: 12 May 2019 16:30

Tgt Ion:	330	Resp:	417425
Ion Ratio	Lower	Upper	
330	100		
332	102.1	81.4	122.2
141	34.3	26.6	40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



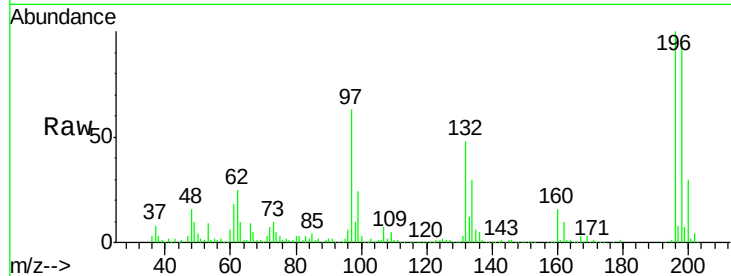


#43
2,4,6-Trichlorophenol
Concen: 29.106 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	342243		
198	93.5	75.9	113.9	
200	29.6	23.5	35.3	

Manual Integrations
APPROVED

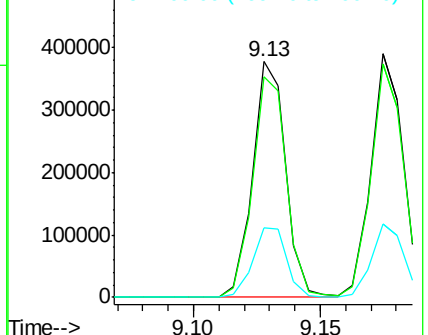


Abundance

Ion 196.00 (195.70 to 196.70): E

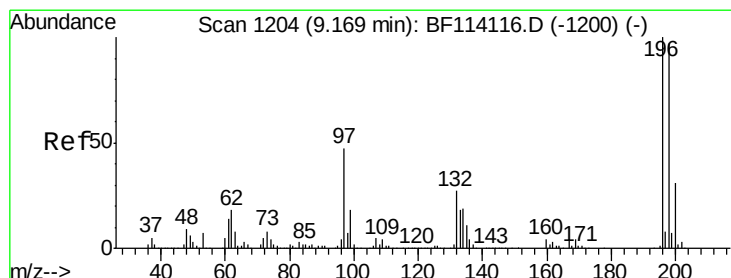
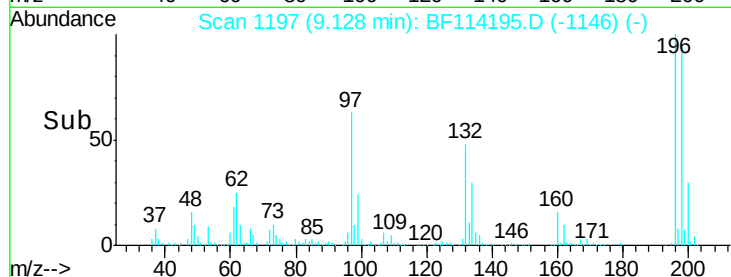
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



Sohil

5/13/2019 8:37:26 PM



#44
2,4,5-Trichlorophenol
Concen: 29.447 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	355096		
198	95.8	77.7	116.5	
97	54.1	38.2	57.2	
132	29.4	21.4	32.2	

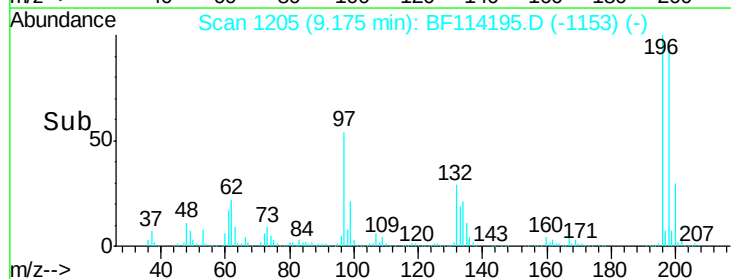
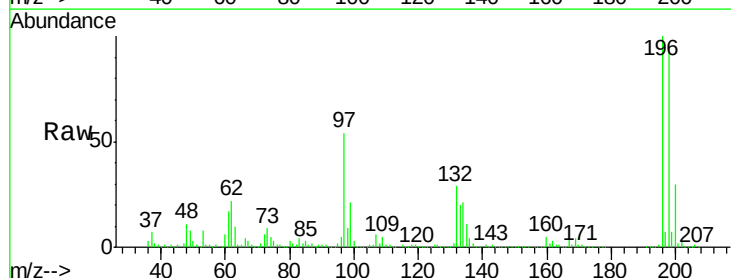
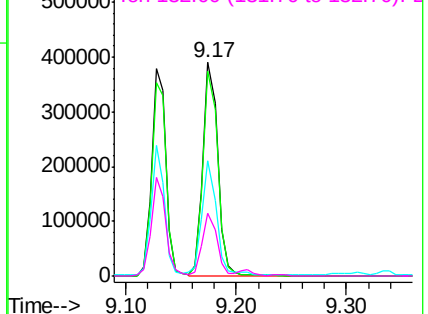
Abundance

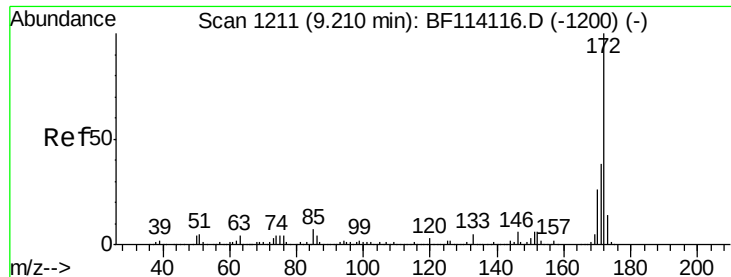
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



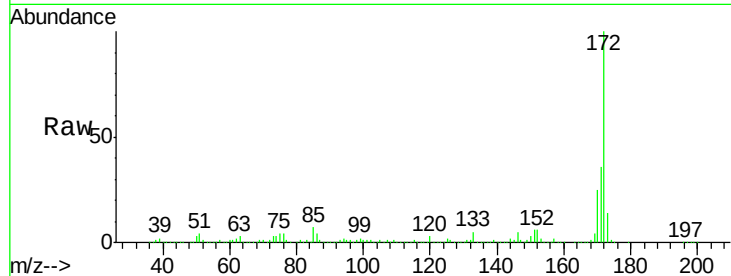


#45
2-Fluorobiphenyl
Concen: 53.785 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.7	46.1
170	25.0	20.5	30.7

Manual Integrations
APPROVED

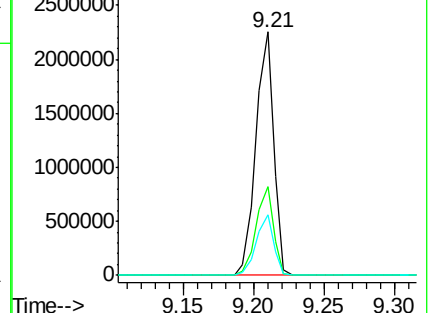
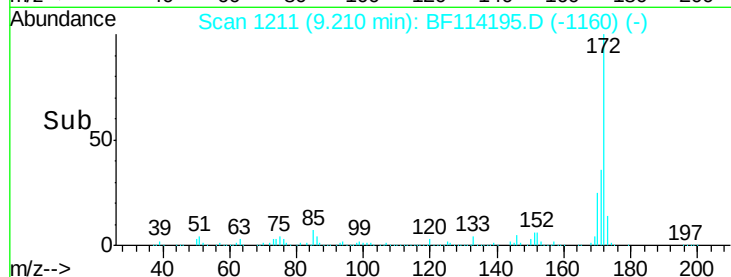


Abundance

Ion 172.00 (171.70 to 172.70): E

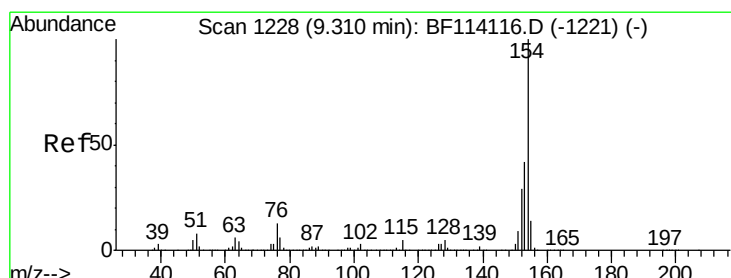
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



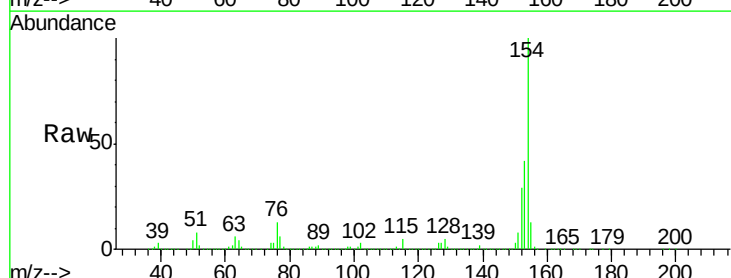
Sohil

5/13/2019 8:37:26 PM



#46
1,1'-Biphenyl
Concen: 31.683 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.7	21.9	61.9
76	13.5	0.0	32.8

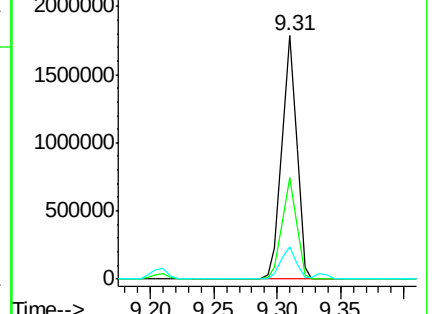
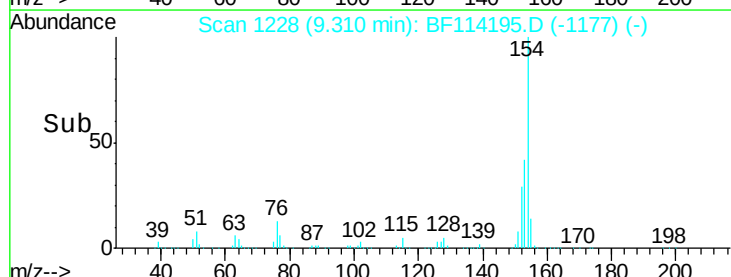


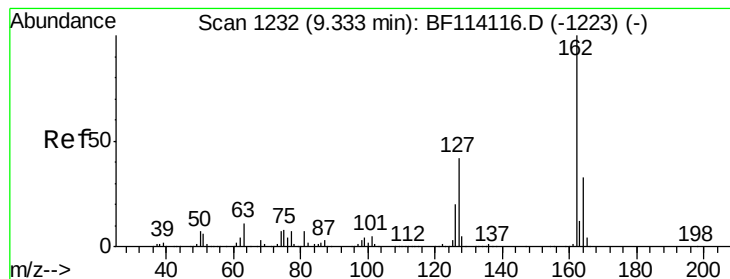
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 27.311 ng

RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion: 162 Resp: 1002083

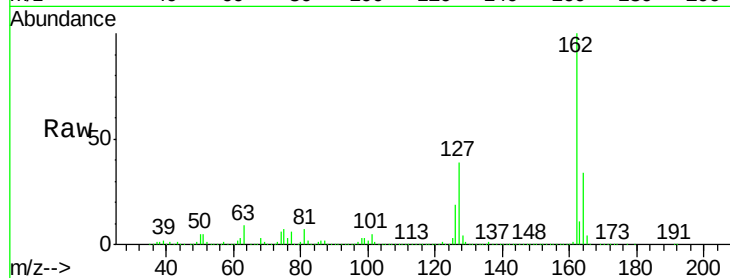
Ion Ratio Lower Upper

162 100

127 38.9 34.0 51.0

164 33.6 26.7 40.1

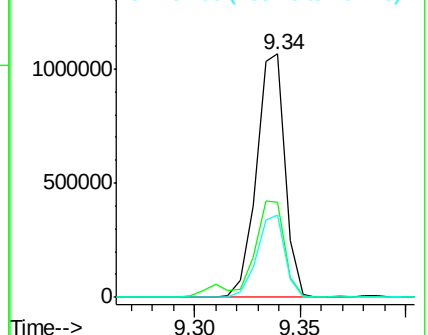
Manual Integrations
APPROVED



Abundance Ion 162.00 (161.70 to 162.70): E

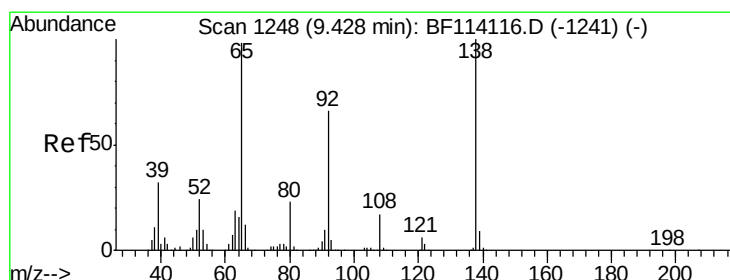
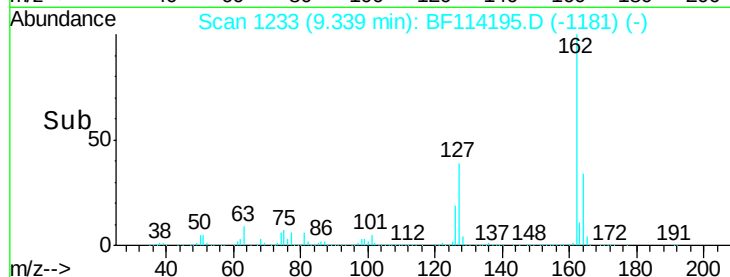
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Sohil

5/13/2019 8:37:26 PM



#48

2-Nitroaniline

Concen: 27.226 ng

RT: 9.43 min Scan# 1249

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

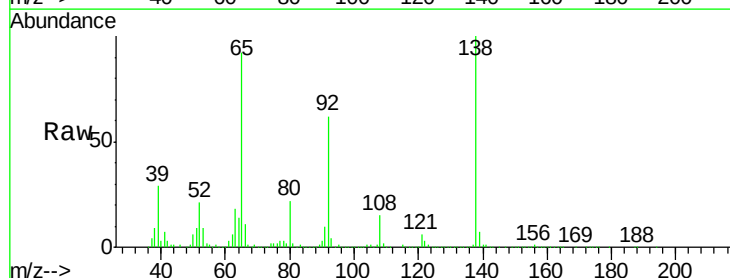
Tgt Ion: 65 Resp: 354283

Ion Ratio Lower Upper

65 100

92 67.0 53.9 80.9

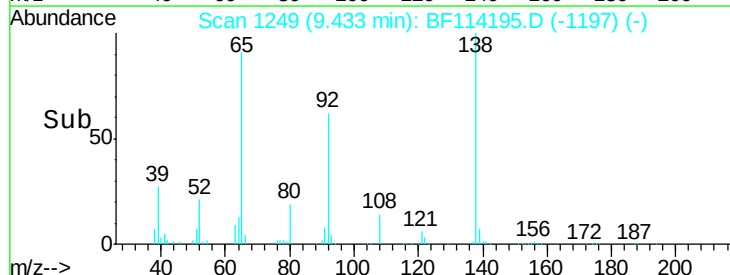
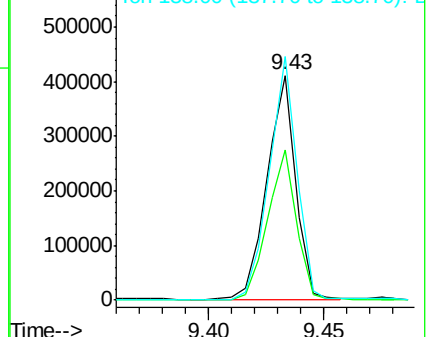
138 108.2 81.4 122.0

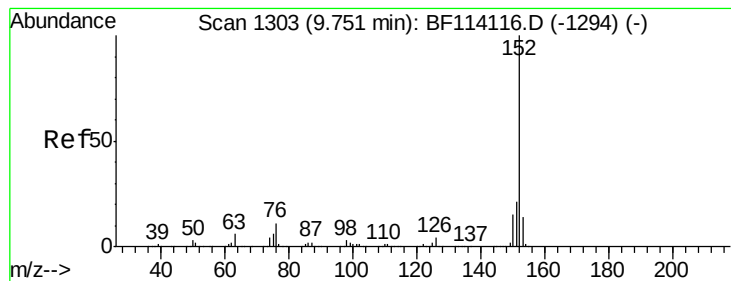


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 53.097 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion:152 Resp: 2963127

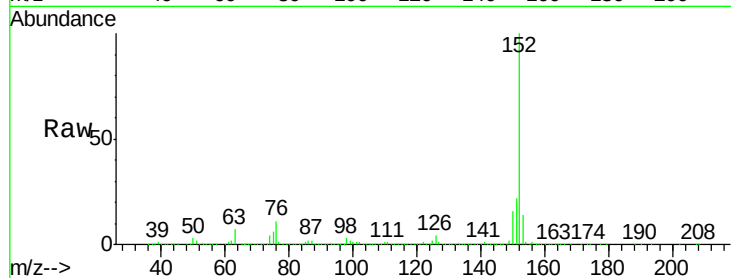
Ion Ratio Lower Upper

152 100

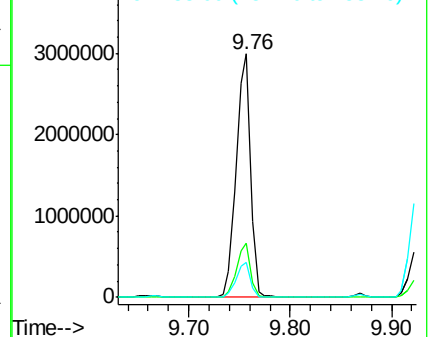
151 22.3 16.8 25.2

153 14.4 11.4 17.2

Manual Integrations
APPROVED

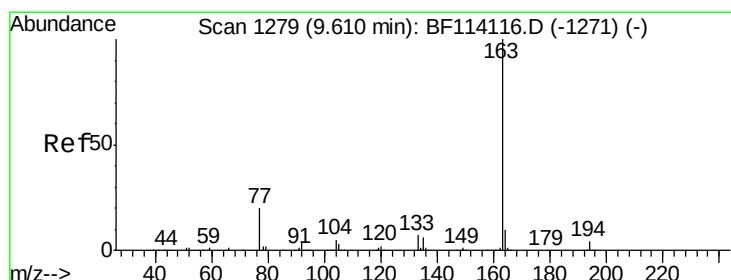
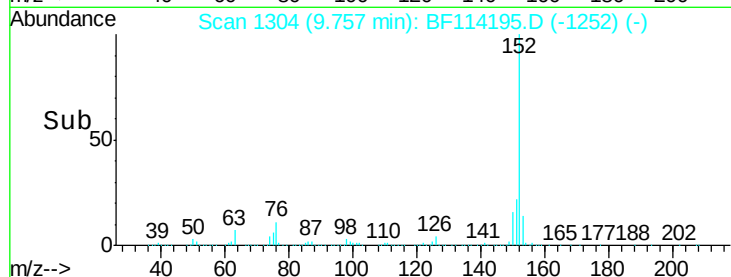


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Sohil

5/13/2019 8:37:26 PM



#50

Dimethylphthalate

Concen: 35.801 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

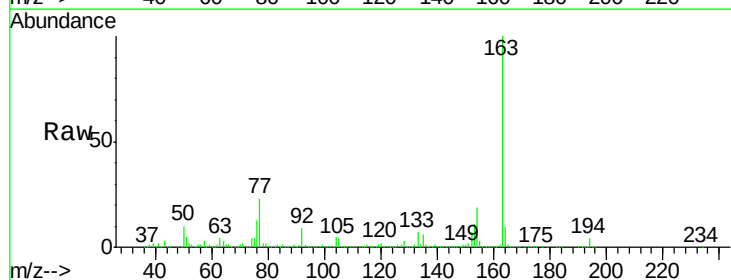
Tgt Ion:163 Resp: 1483160

Ion Ratio Lower Upper

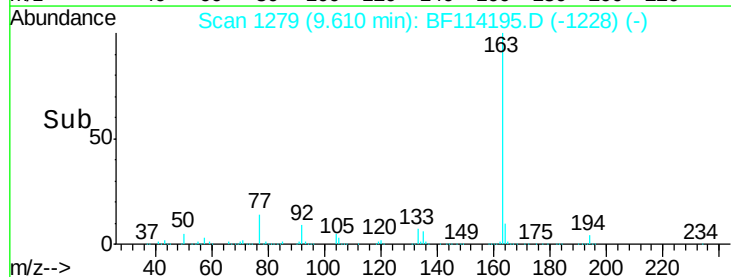
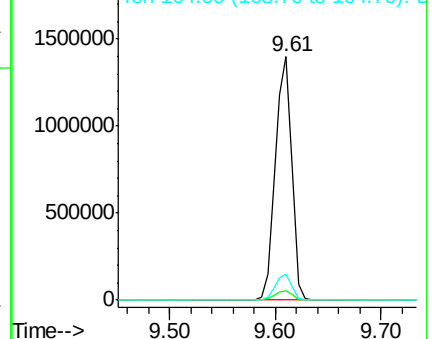
163 100

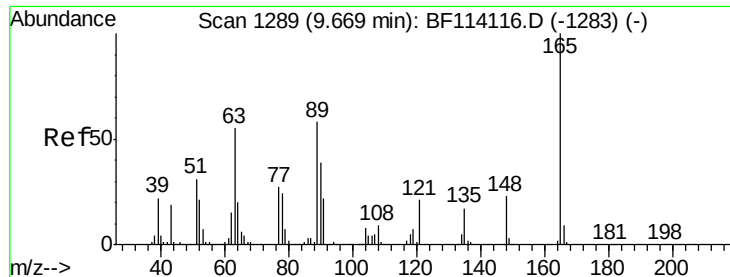
194 3.9 3.4 5.0

164 10.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 29.158 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

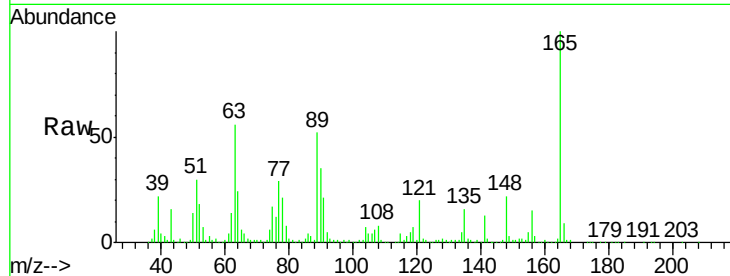
BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion:	165	Resp:	267925
Ion Ratio	Lower	Upper	
165	100		
63	55.6	50.2	75.4
89	51.6	46.6	69.8

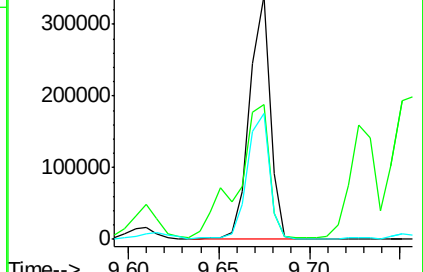
Manual Integrations
APPROVED



Abundance Ion 165.00 (164.70 to 165.70): E

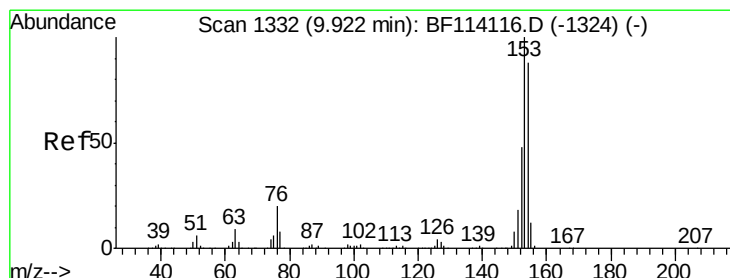
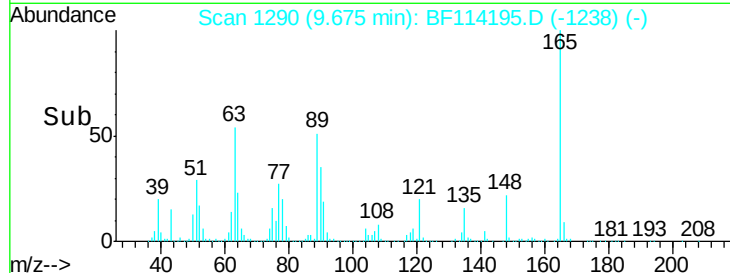
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



Sohil

5/13/2019 8:37:26 PM



#52

Acenaphthene

Concen: 27.523 ng

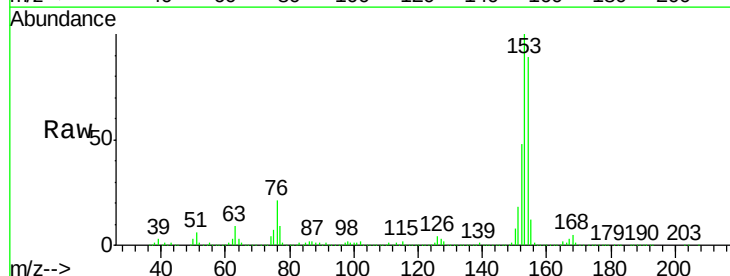
RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

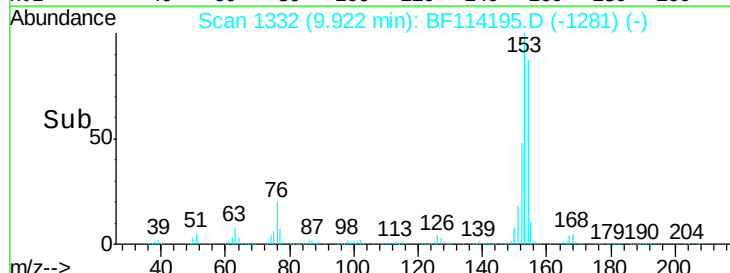
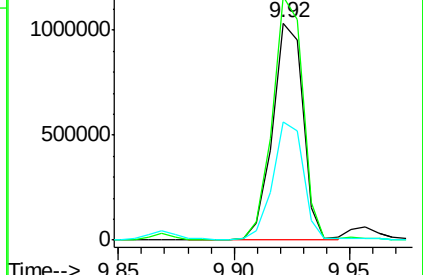
Tgt Ion:	154	Resp:	942525
Ion Ratio	Lower	Upper	
154	100		
153	112.0	90.5	135.7
152	54.1	43.4	65.2

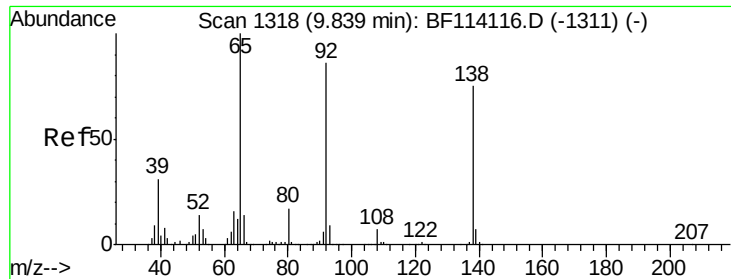


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



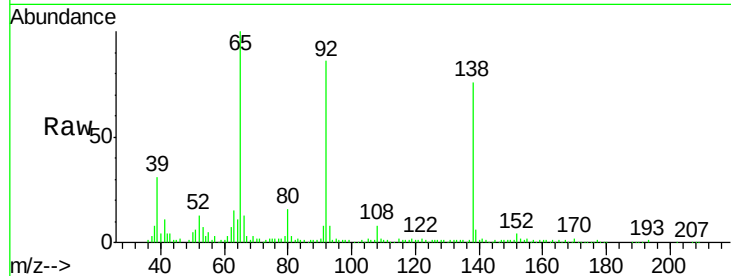


#53
3-Nitroaniline
Concen: 9.169 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

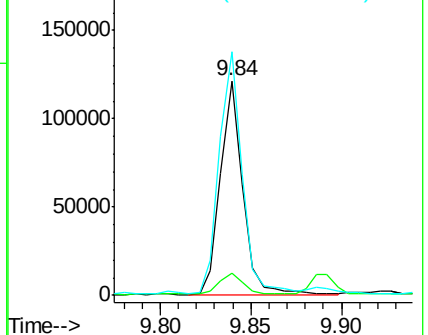
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.8	11.6
92	113.4	91.2	136.8

Manual Integrations
APPROVED

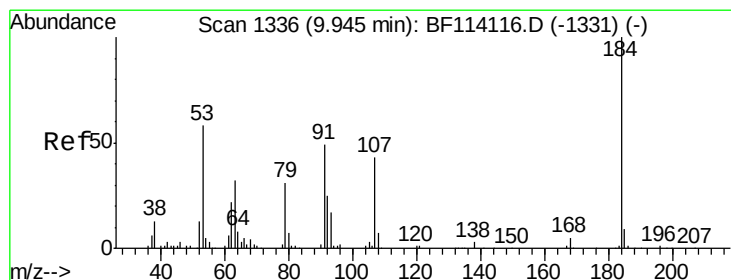
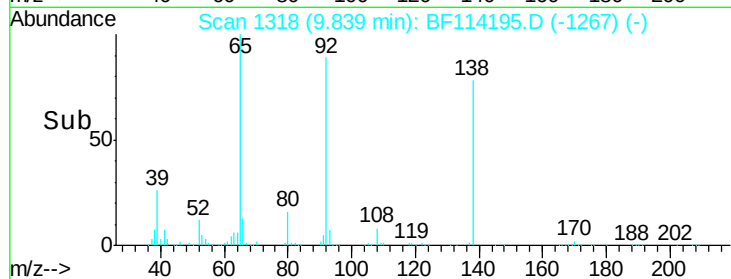


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1



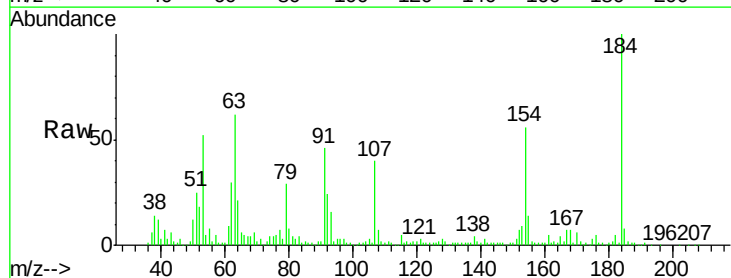
Sohil

5/13/2019 8:37:26 PM

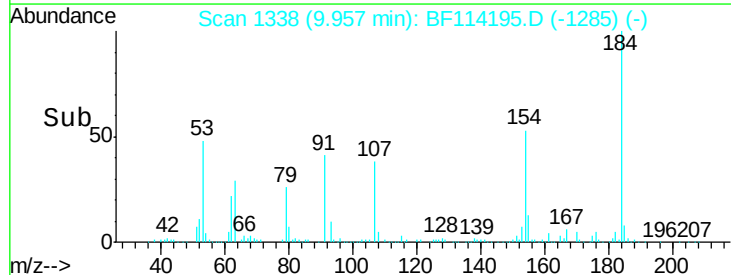
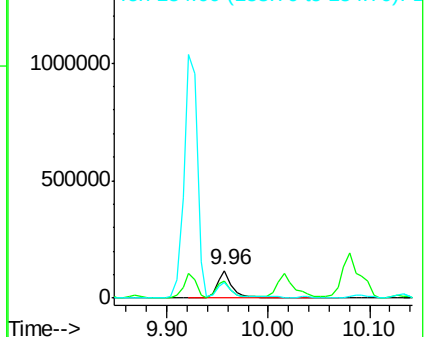


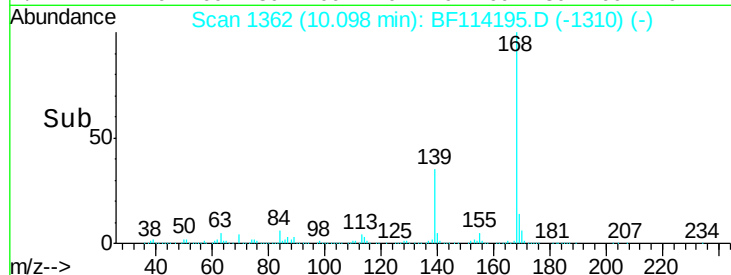
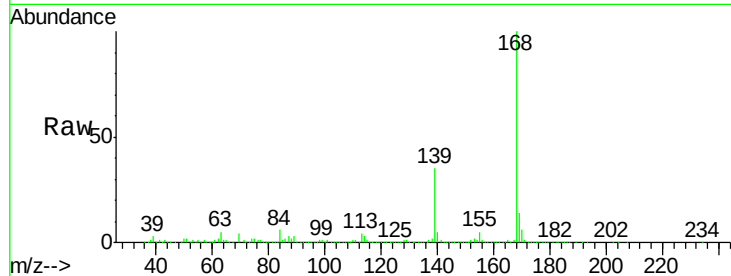
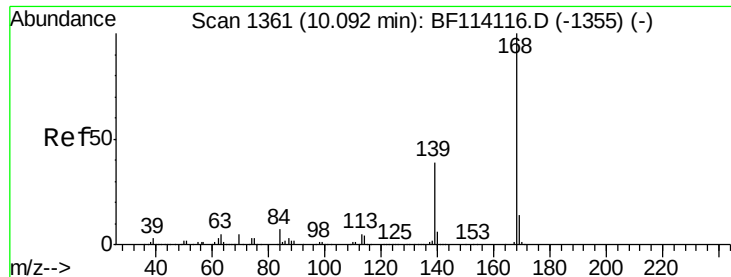
#54
2,4-Dinitrophenol
Concen: 30.909 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	62.2	55.6	83.4
154	55.7	46.0	69.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E



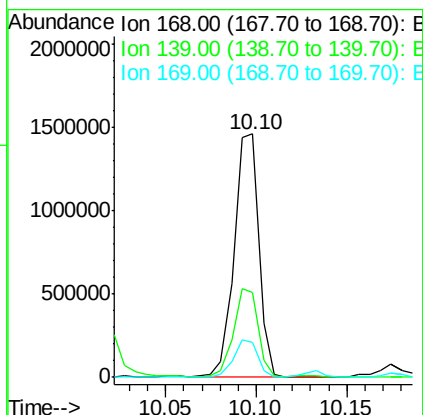


#55
Dibenzofuran
Concen: 27.663 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

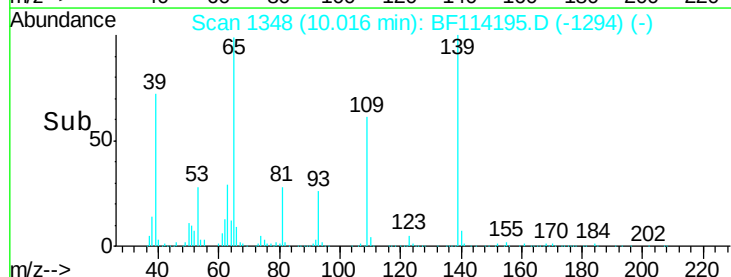
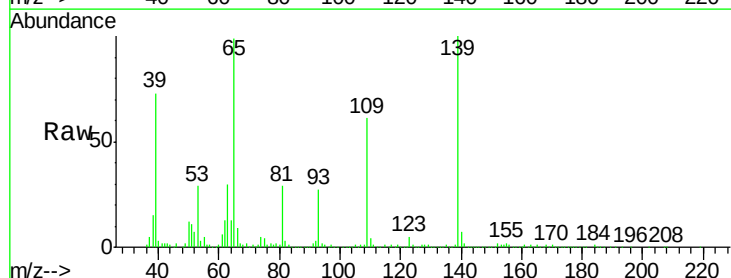
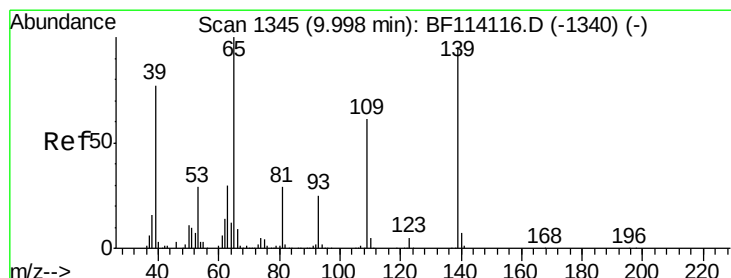
Tot Ion	Ratio	Lower	Upper
168	100		
139	35.1	31.1	46.7
169	14.3	11.4	17.0

Manual Integrations
APPROVED



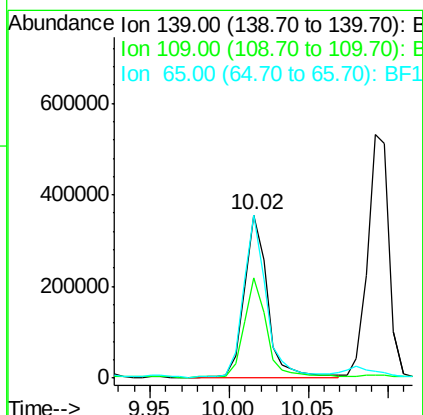
Sohil

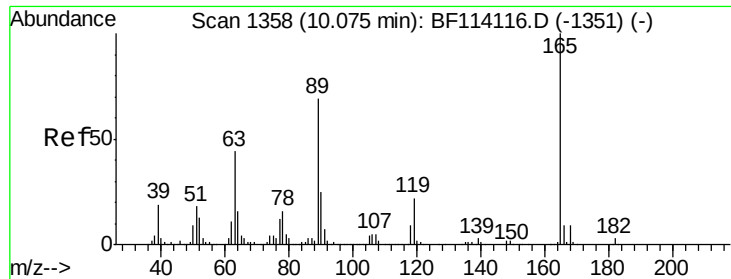
5/13/2019 8:37:26 PM



#56
4-Nitrophenol
Concen: 44.740 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.2	43.9	83.9
65	99.4	85.7	125.7





#57

2,4-Dinitrotoluene

Concen: 26.874 ng

RT: 10.08 min Scan# 1359

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

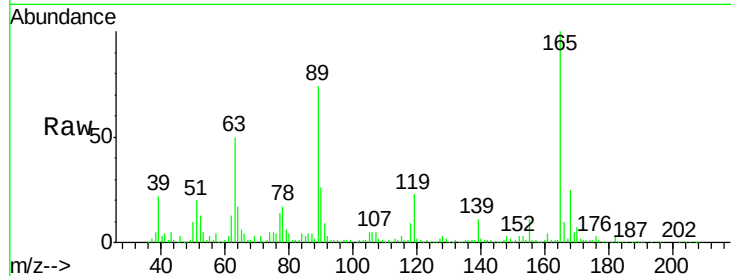
BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	49.6	35.5	53.3	
89	73.6	55.2	82.8	
182	2.7	2.2	3.2	

Manual Integrations
APPROVED

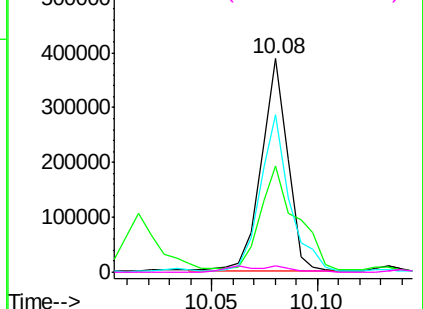


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

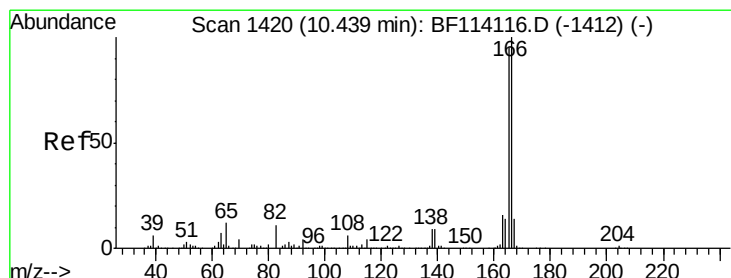
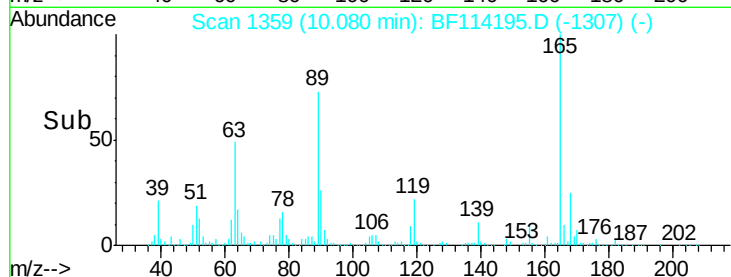
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



Sohil

5/13/2019 8:37:26 PM



#58

Fluorene

Concen: 34.949 ng

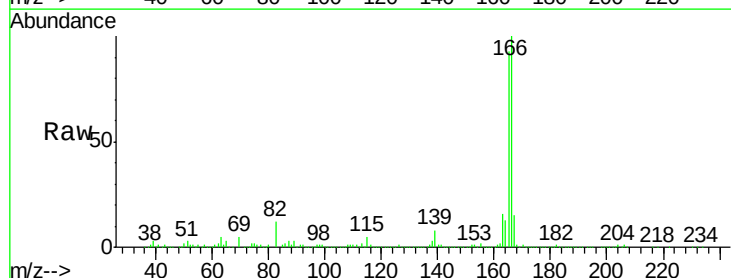
RT: 10.44 min Scan# 1420

Delta R.T. -0.00 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

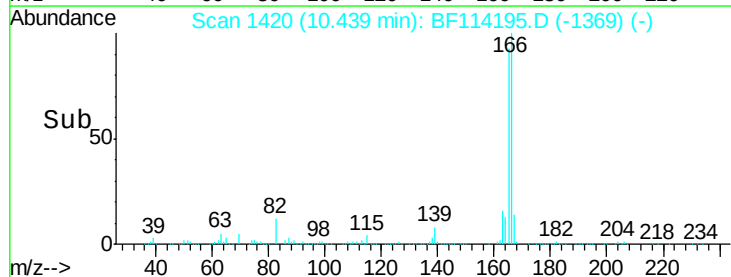
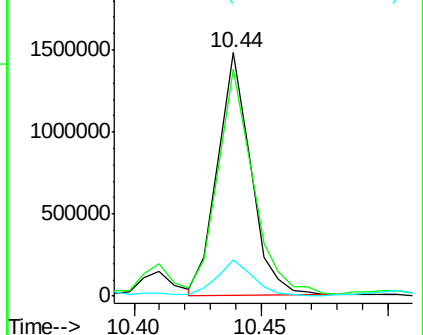
Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	93.4	76.1	114.1	
167	15.0	11.1	16.7	

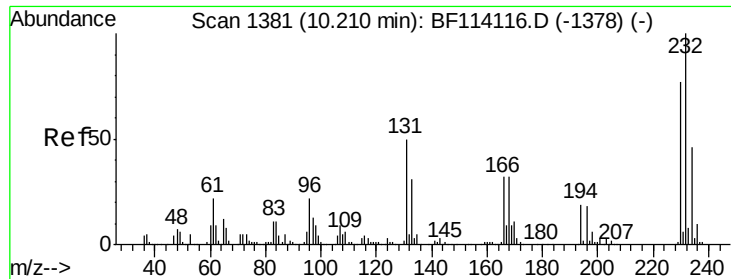


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



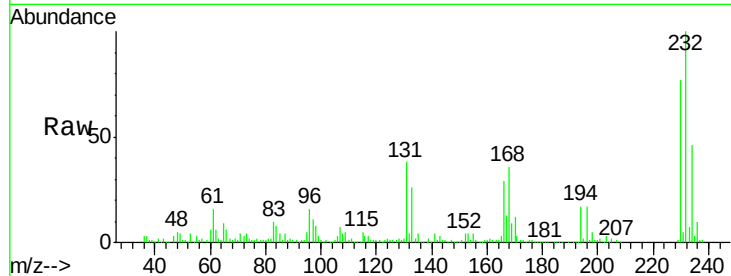


#59
2,3,4,6-Tetrachlorophenol
Concen: 26.545 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

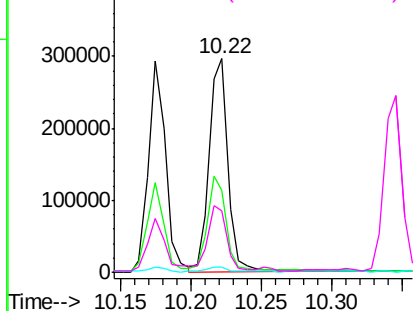
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	35.6	53.4
130	3.0	1.6	2.4
166	30.4	24.1	36.1

Manual Integrations
APPROVED

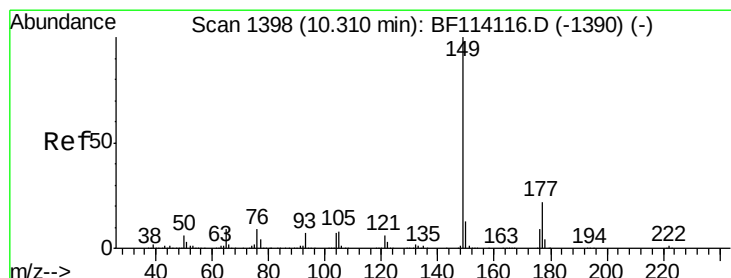
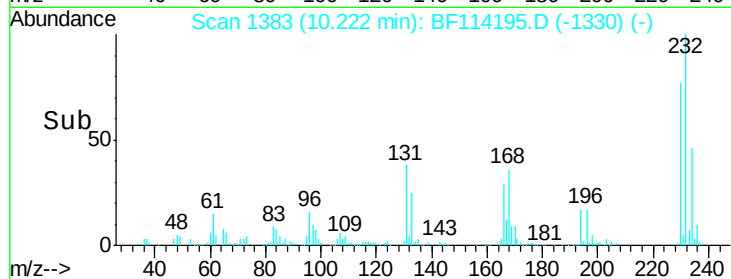


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E



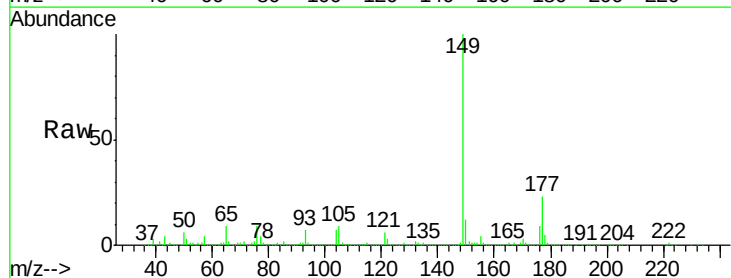
Sohil

5/13/2019 8:37:26 PM

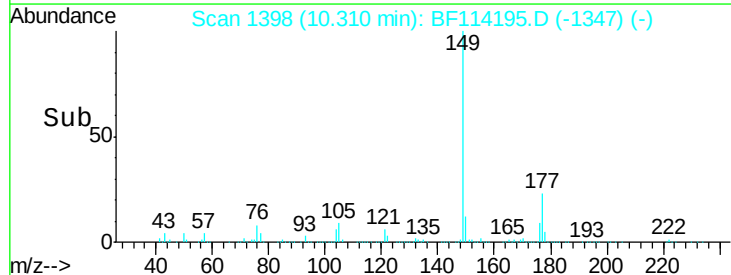
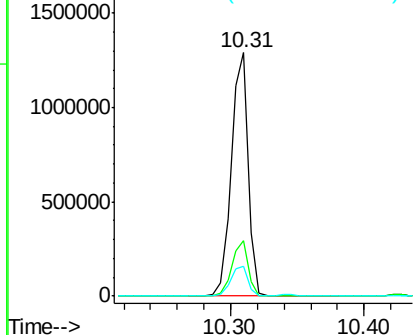


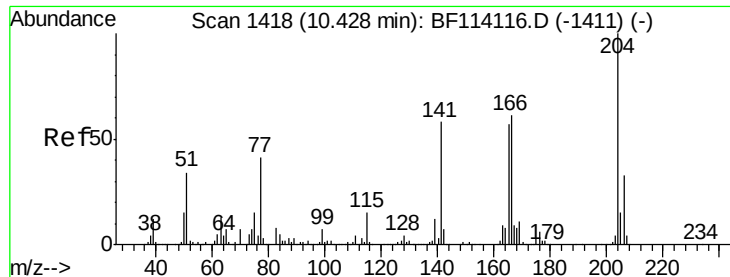
#60
Diethylphthalate
Concen: 27.307 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	17.8	26.6
150	12.3	10.2	15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



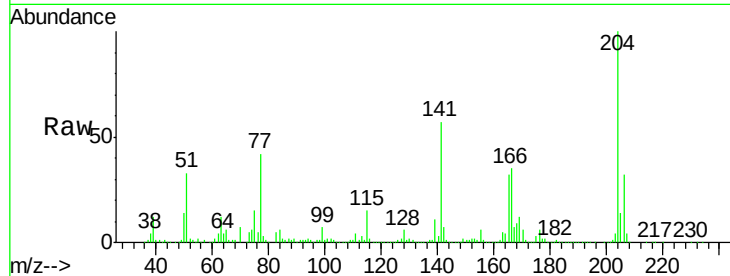


#61
4-Chlorophenyl-phenylether
Concen: 26.882 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

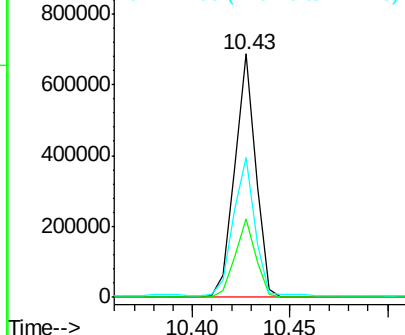
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	57.5	46.4	69.6

Manual Integrations
APPROVED

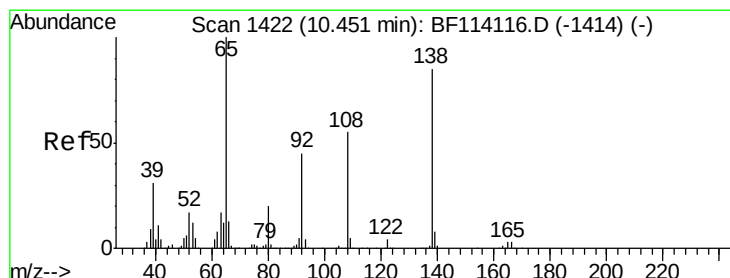
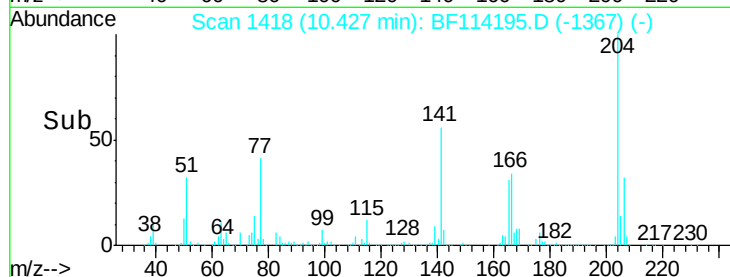


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



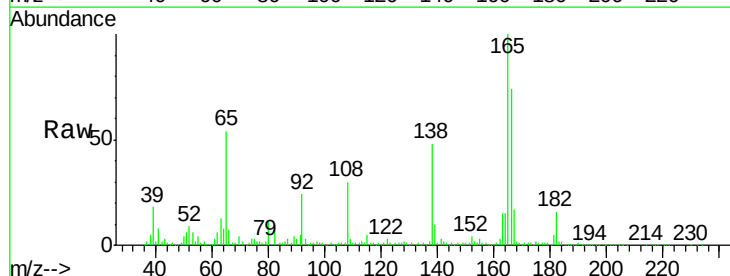
Sohil

5/13/2019 8:37:26 PM

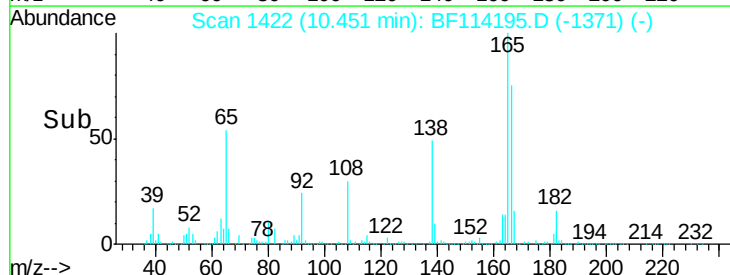
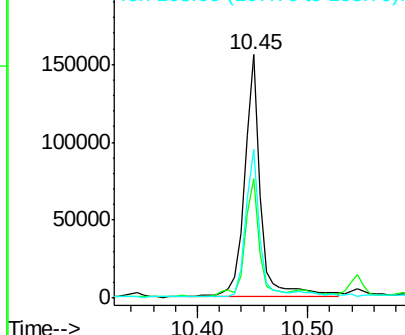


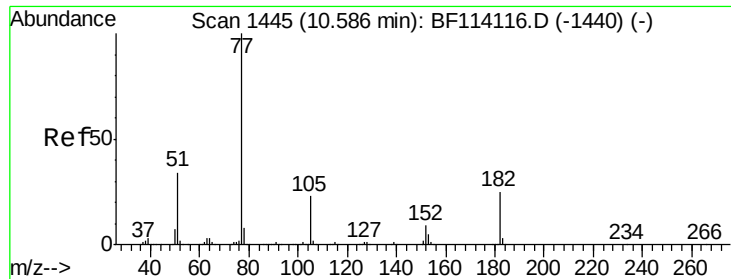
#62
4-Nitroaniline
Concen: 13.325 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.2	33.0	73.0
108	61.4	44.9	84.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E



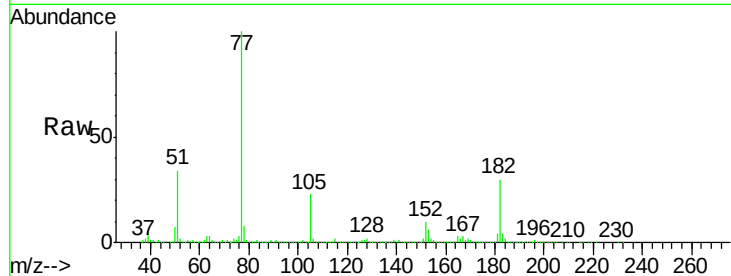


#63
Azobenzene
Concen: 26.087 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

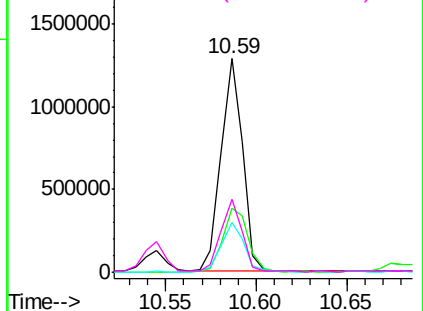
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	30.1	4.7	44.7
105	23.5	2.9	42.9
51	34.4	14.6	54.6

Manual Integrations
APPROVED

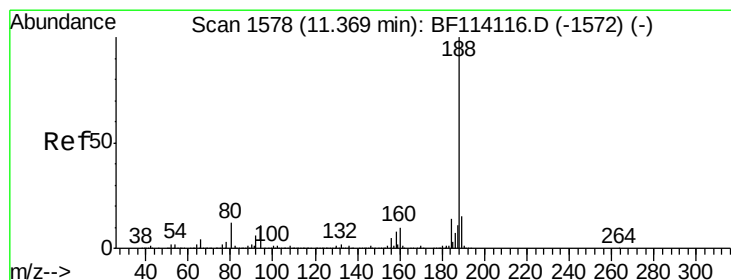
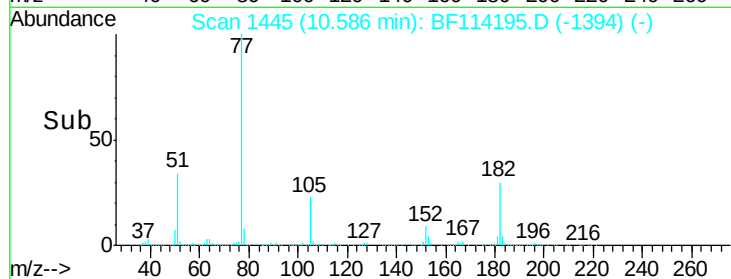


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



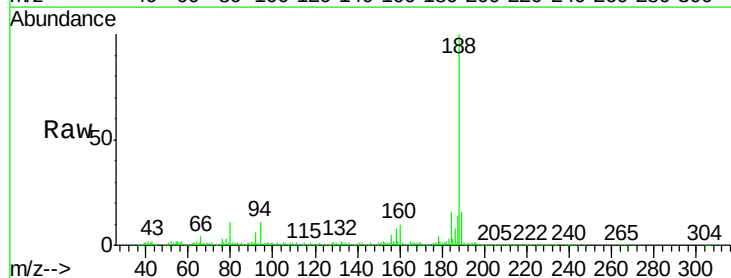
Sohil

5/13/2019 8:37:26 PM

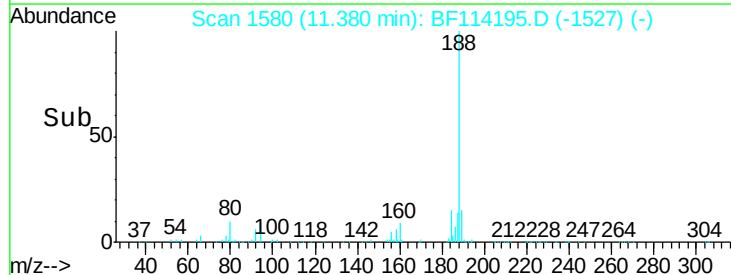
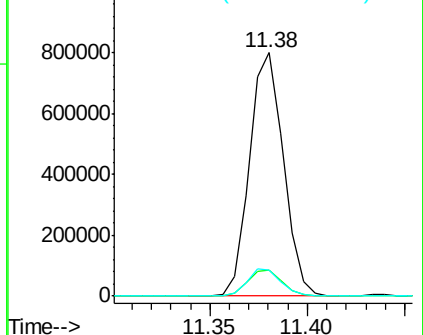


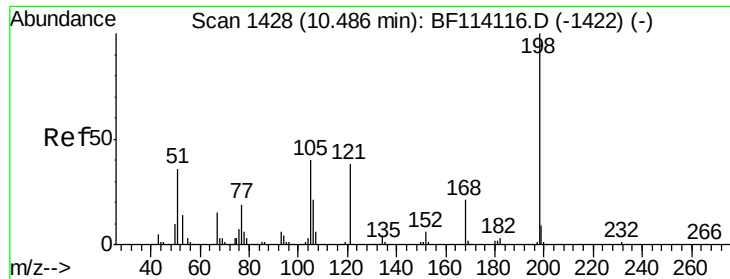
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.38 min Scan# 1580
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	8.4	12.6
80	10.8	9.2	13.8



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1



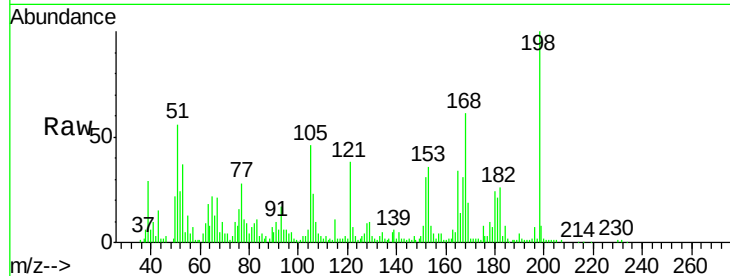


#65
4,6-Dinitro-2-methylphenol
Concen: 18.779 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	86360		
51	55.6	28.0	68.0	
105	45.8	21.1	61.1	

Manual Integrations
APPROVED

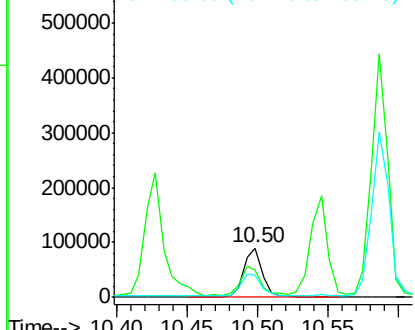


Abundance

Ion 198.00 (197.70 to 198.70): E

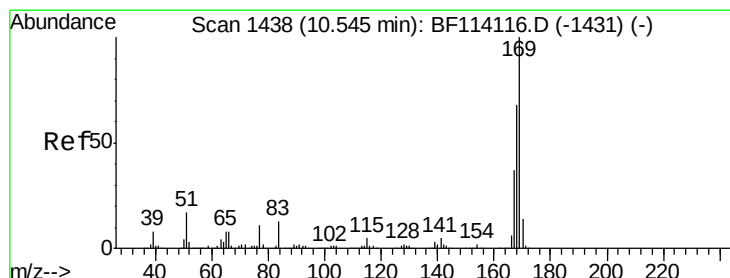
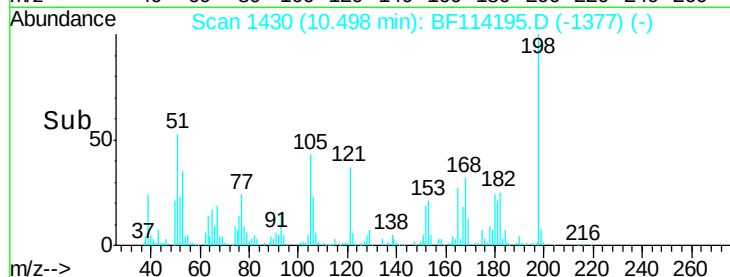
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



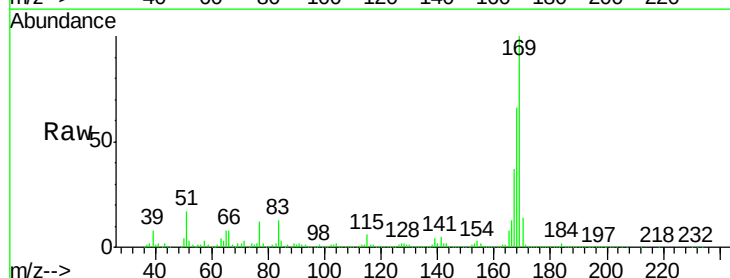
Sohil

5/13/2019 8:37:26 PM



#66
n-Nitrosodiphenylamine
Concen: 32.483 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	943531		
168	66.0	54.2	81.2	
167	37.4	29.8	44.8	

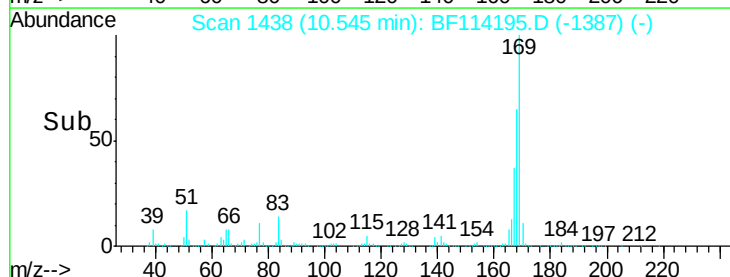
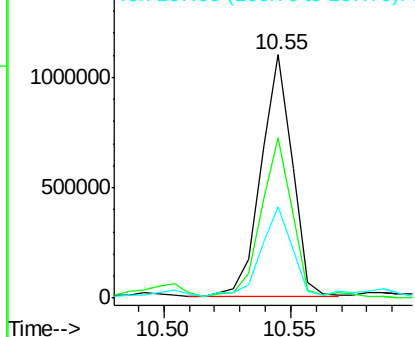


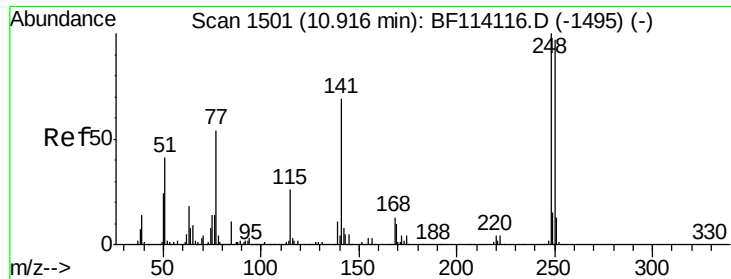
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



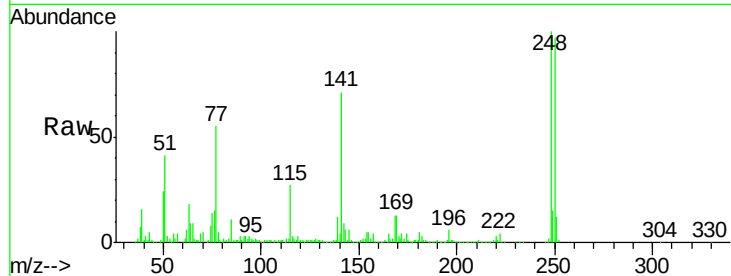


#67
4-Bromophenyl-phenylether
Concen: 30.134 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	77.4	116.2
141	70.6	55.6	83.4

Manual Integrations
APPROVED

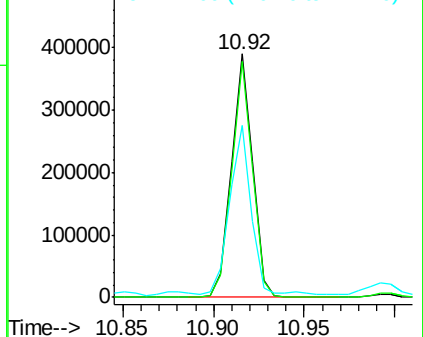


Abundance

Ion 248.00 (247.70 to 248.70): E

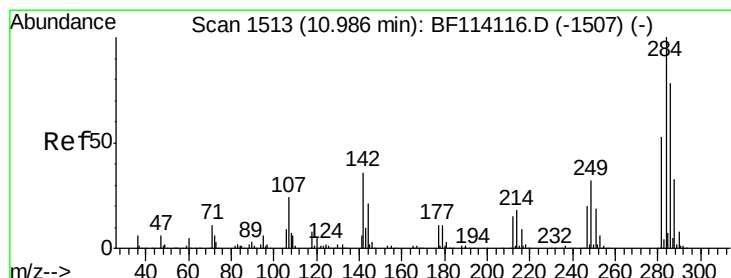
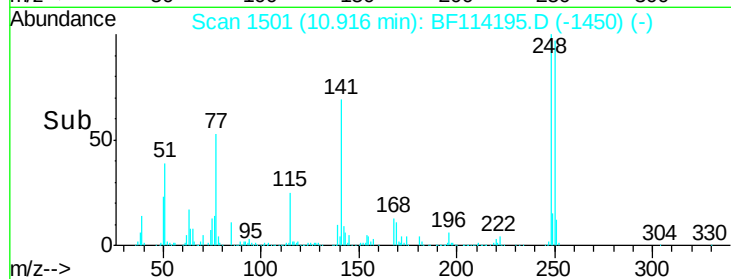
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



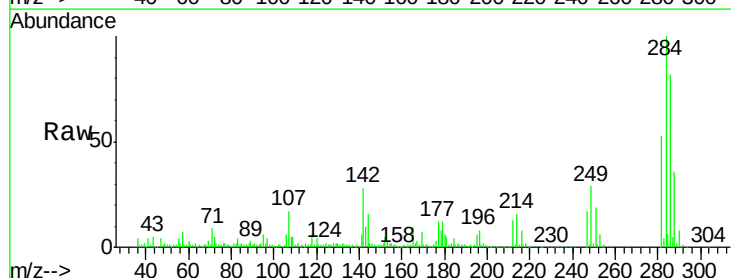
Sohil

5/13/2019 8:37:26 PM



#68
Hexachlorobenzene
Concen: 26.924 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.6	28.4	42.6#
249	29.0	25.2	37.8

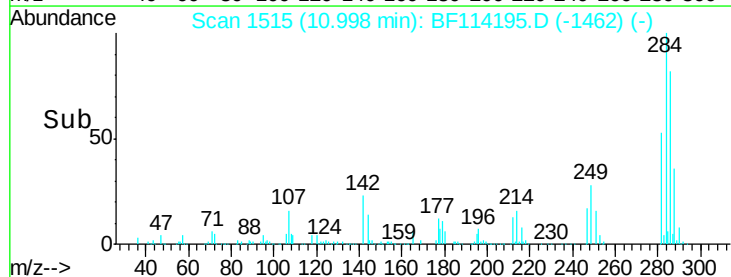
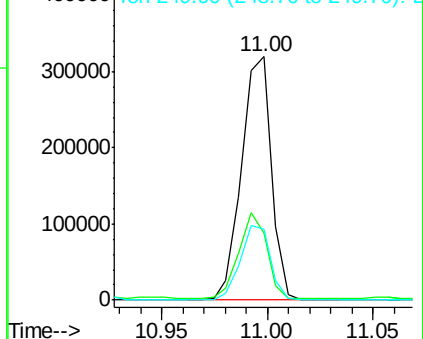


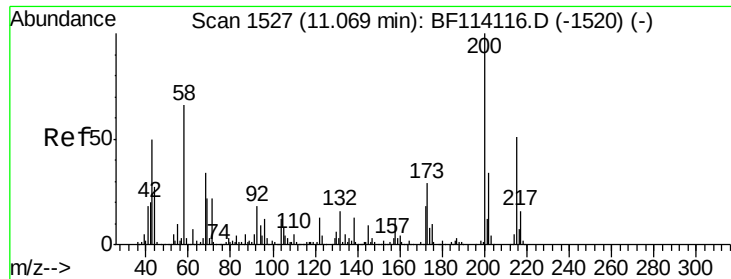
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



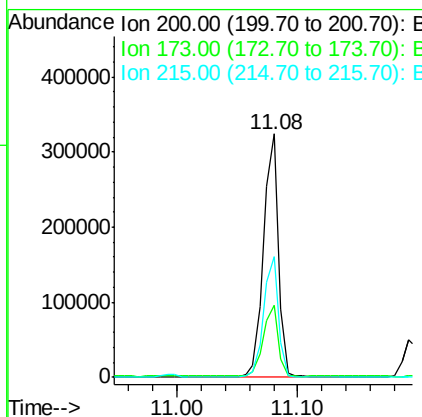
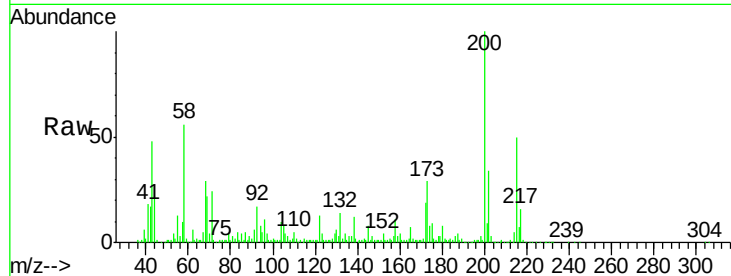


#69
Atrazine
Concen: 31.074 ng
RT: 11.08 min Scan# 1529
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

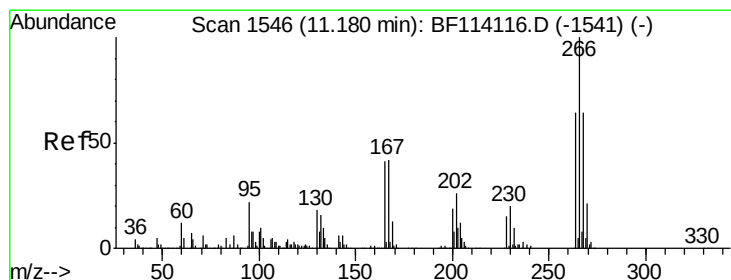
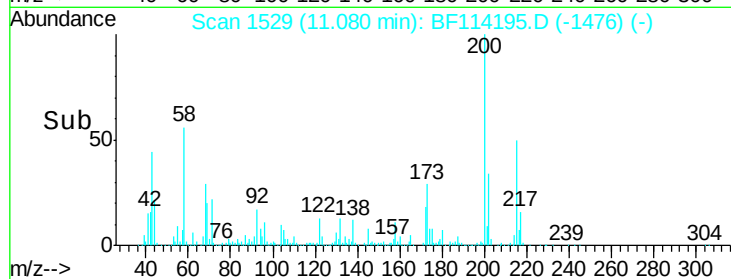
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	29.4	8.9	48.9
215	49.8	30.7	70.7

Manual Integrations
APPROVED



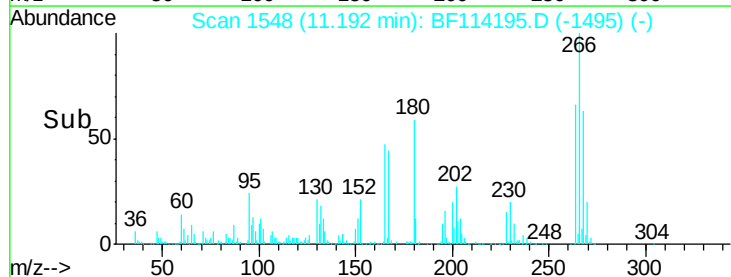
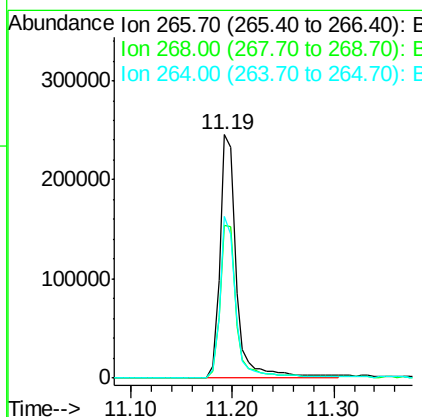
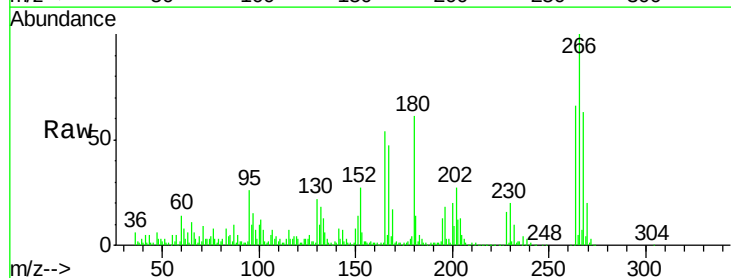
Sohil

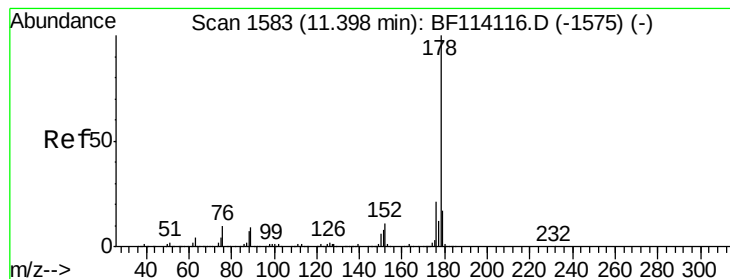
5/13/2019 8:37:26 PM



#70
Pentachlorophenol
Concen: 50.575 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.9	51.1	76.7
264	66.3	51.1	76.7





#71

Phenanthrene

Concen: 134.761 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.02 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion:178 Resp: 6274785

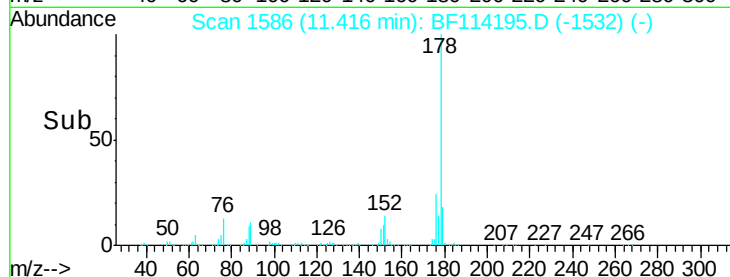
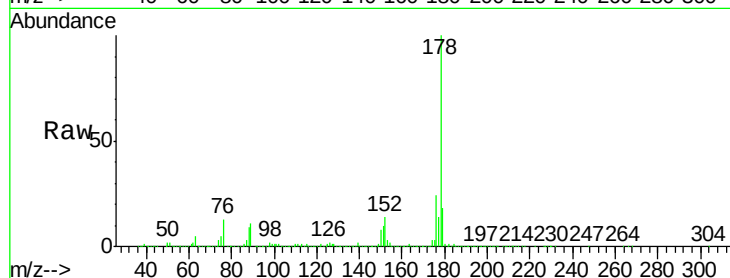
Ion Ratio Lower Upper

178 100

176 23.6 16.4 24.6

179 18.4 13.2 19.8

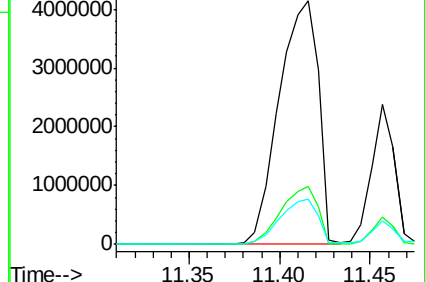
Manual Integrations
APPROVED



Abundance Ion 178.00 (177.70 to 178.70): E

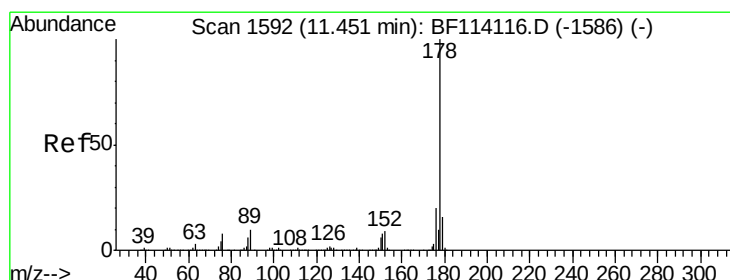
Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



Sohil

5/13/2019 8:37:26 PM



#72

Anthracene

Concen: 43.787 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

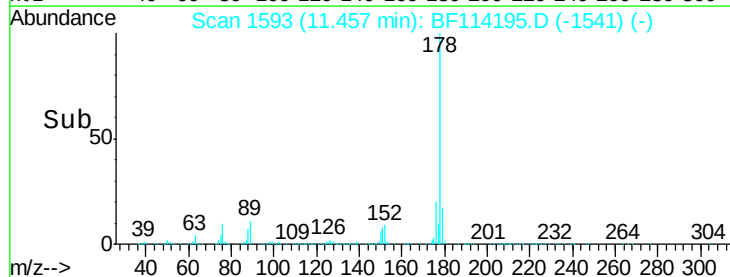
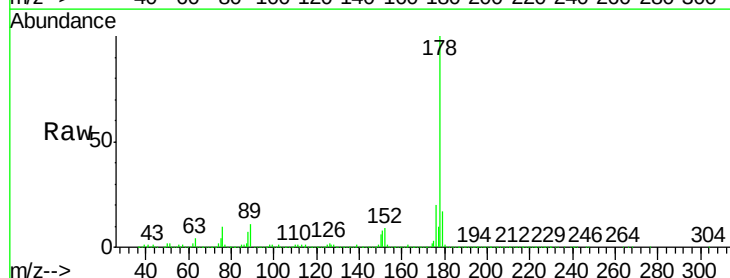
Tgt Ion:178 Resp: 2047835

Ion Ratio Lower Upper

178 100

176 20.0 15.8 23.8

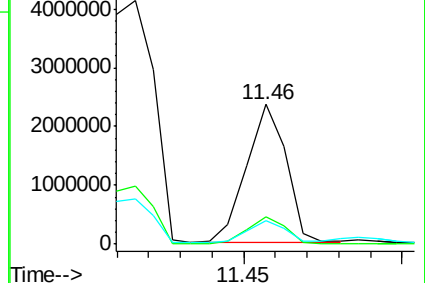
179 16.9 13.0 19.4

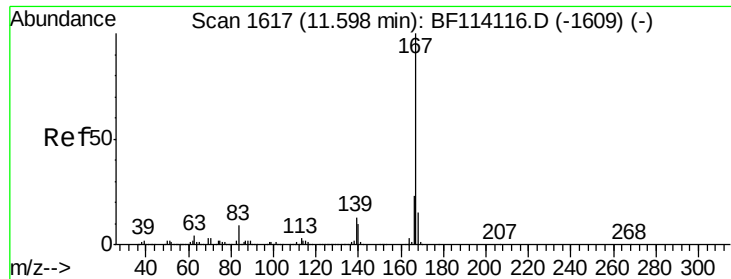


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



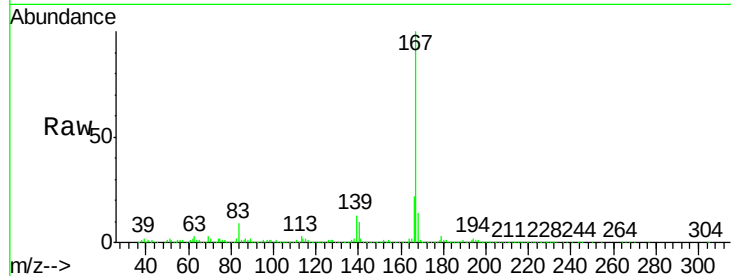


#73
 Carbazole
 Concen: 28.531 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.01 min
 Lab File: BF114195.D
 Acq: 12 May 2019 16:30

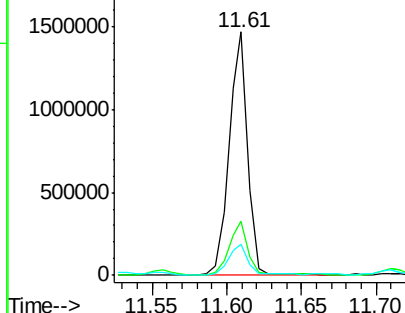
Instrument :
 BNA_F
 ClientSampleId :
 P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.2	27.2
139	12.9	10.6	16.0

Manual Integrations
 APPROVED

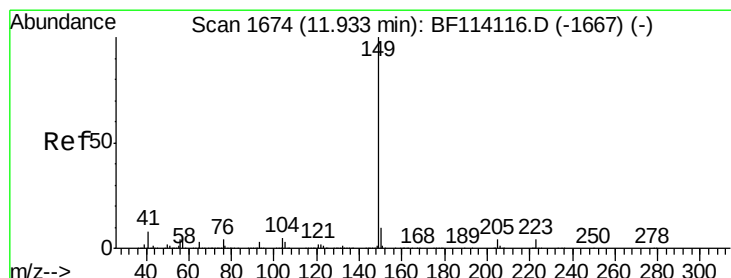
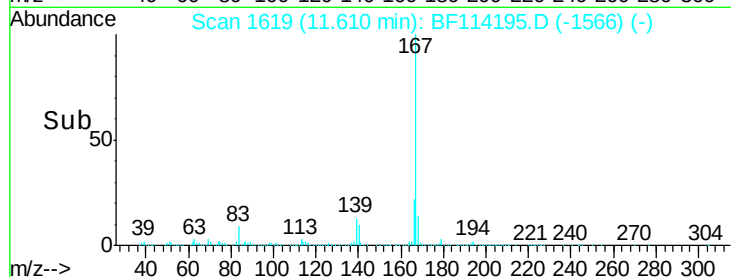


Abundance Ion 167.00 (166.70 to 167.70): E
 2000000 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E



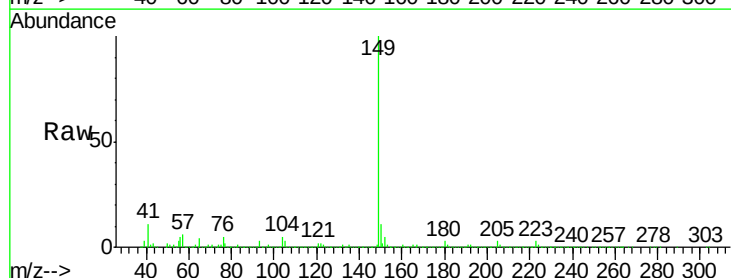
Sohil

5/13/2019 8:37:26 PM

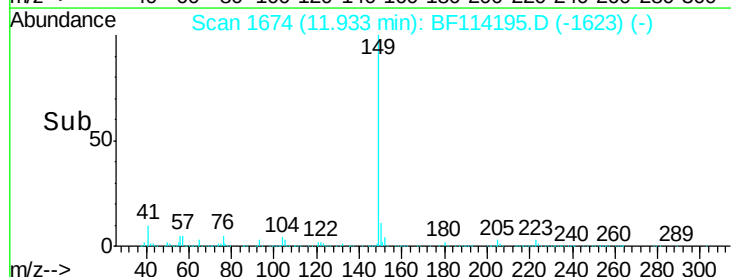
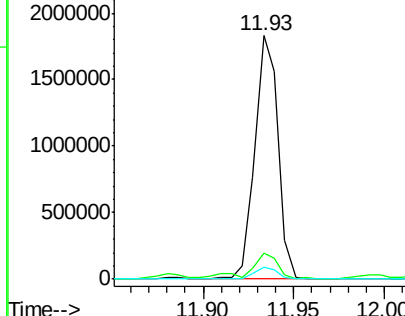


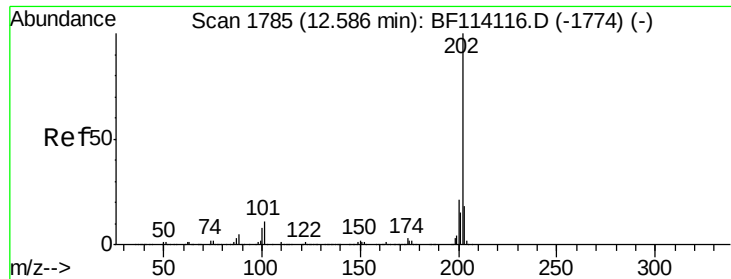
#74
 Di-n-butylphthalate
 Concen: 31.331 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF114195.D
 Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.7	7.7	11.5
104	4.7	3.6	5.4



Abundance Ion 149.00 (148.70 to 149.70): E
 2500000 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 126.639 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.02 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion:202 Resp: 6349868

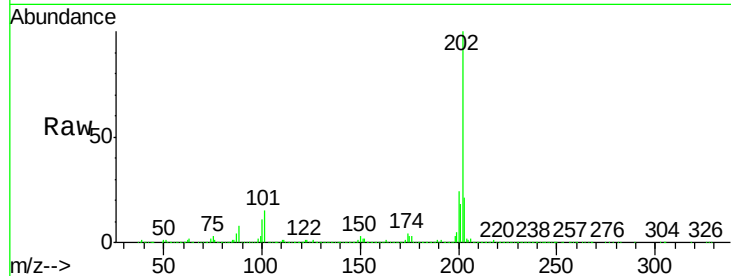
Ion Ratio Lower Upper

202 100

101 15.2 0.0 31.0

203 21.1 0.0 38.4

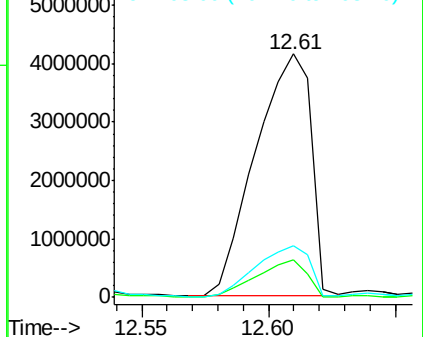
Manual Integrations
APPROVED



Abundance Ion 202.00 (201.70 to 202.70): E

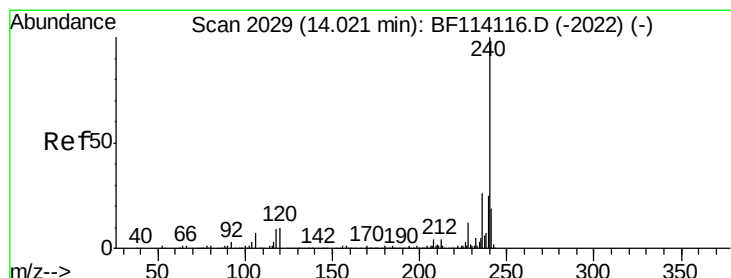
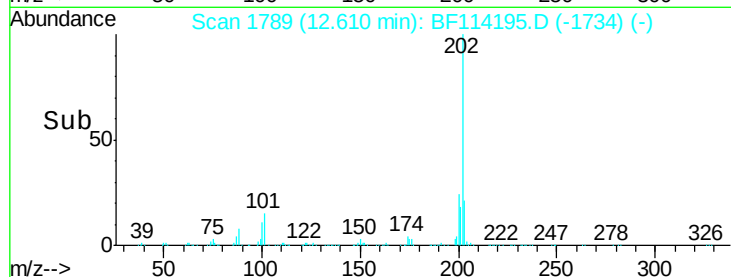
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Sohil

5/13/2019 8:37:26 PM



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

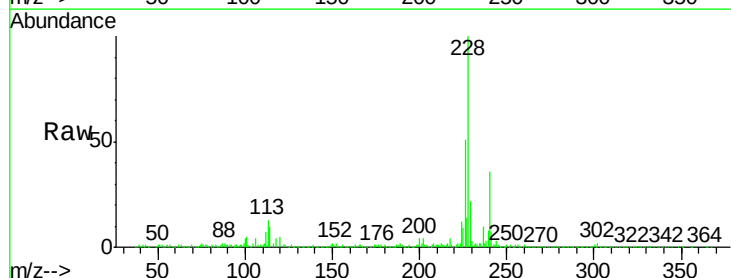
Tgt Ion:240 Resp: 513621

Ion Ratio Lower Upper

240 100

120 14.0 8.3 12.5#

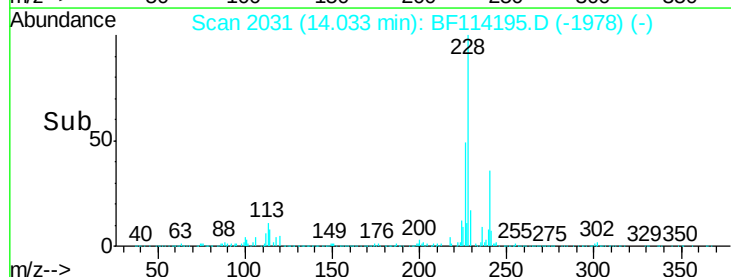
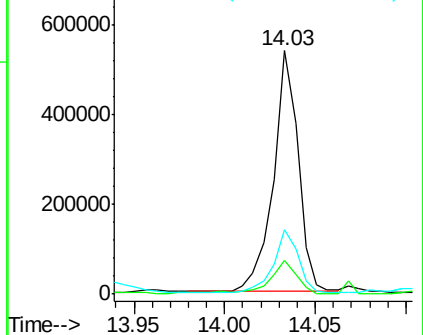
236 26.7 20.8 31.2

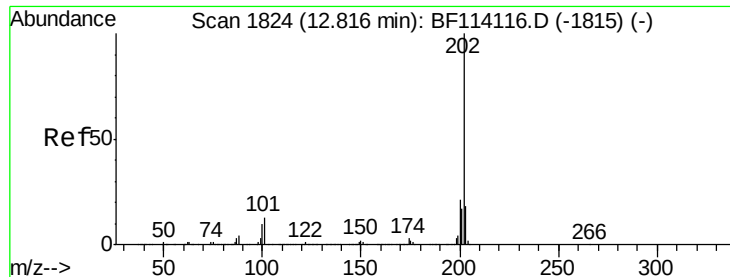


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



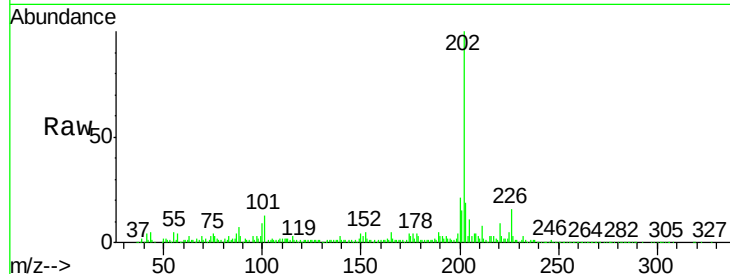


#78
Pvrene
Concen: 13.520 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.05 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

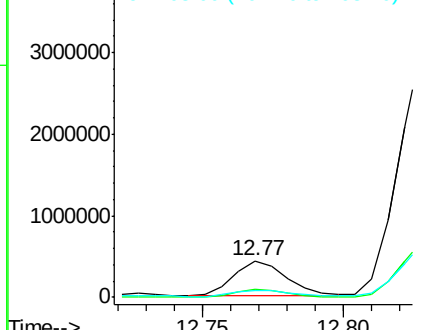
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	19.4	14.5	21.7

Manual Integrations
APPROVED

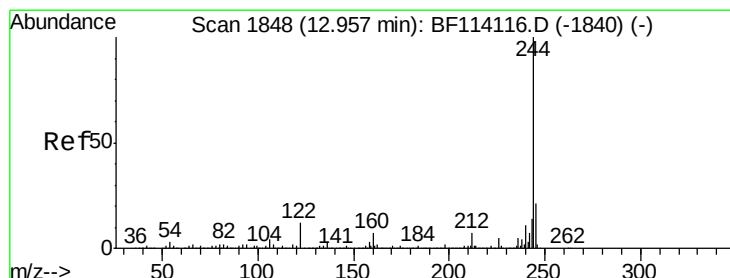
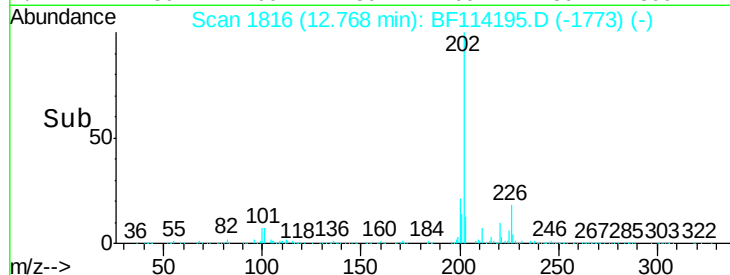


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



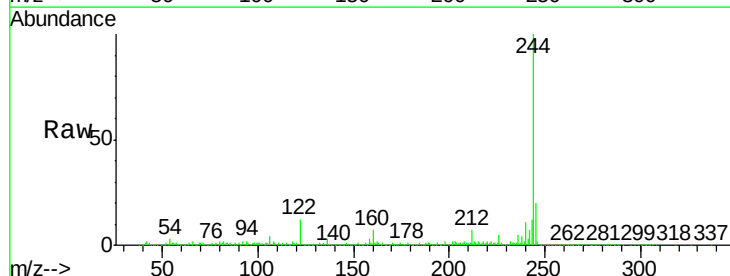
Sohil

5/13/2019 8:37:26 PM

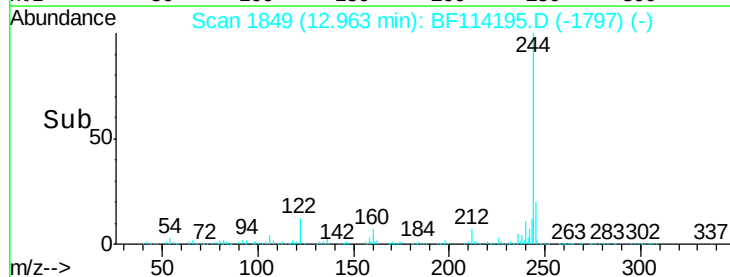
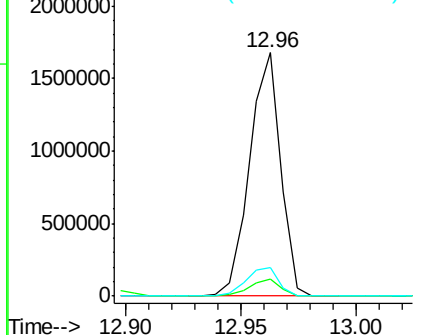


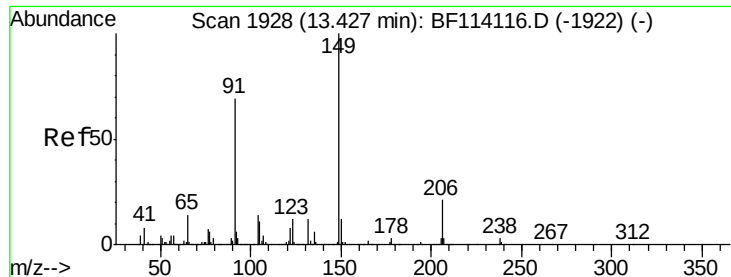
#79
Terphenyl-d14
Concen: 62.887 ng
RT: 12.96 min Scan# 1849
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	12.0	9.4	14.2



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



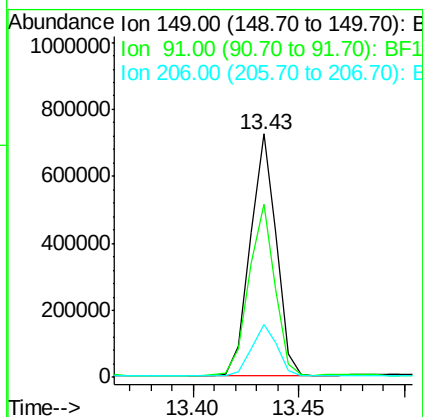
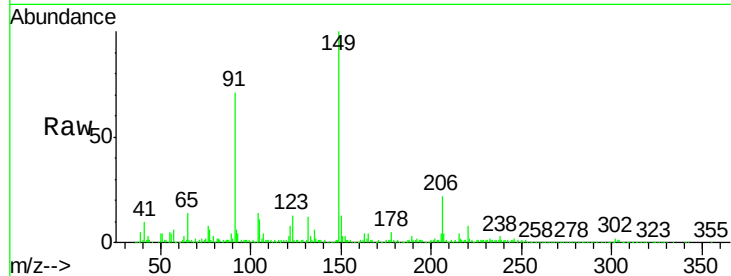


#80
Butylbenzylphthalate
Concen: 35.725 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

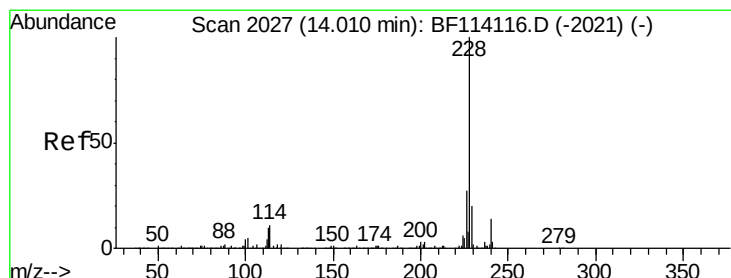
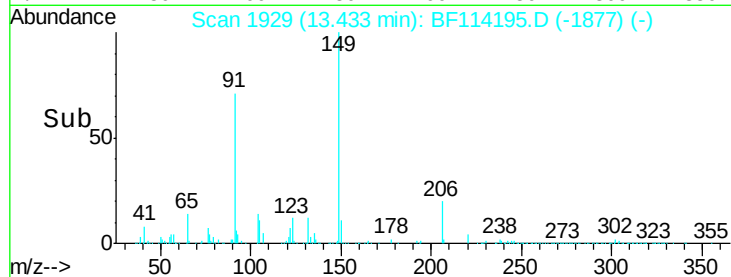
Tot Ion	Ratio	Resp	Lower	Upper
149	100	621295		
91	71.3	55.0	82.4	
206	21.6	16.9	25.3	

Manual Integrations
APPROVED



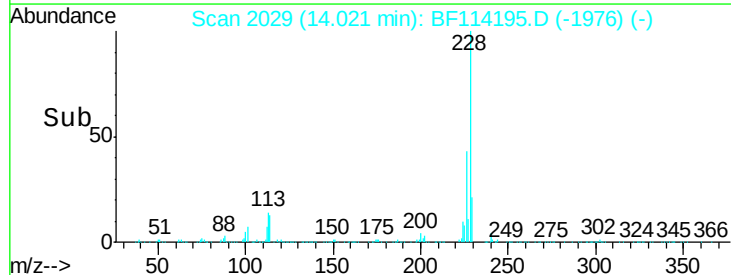
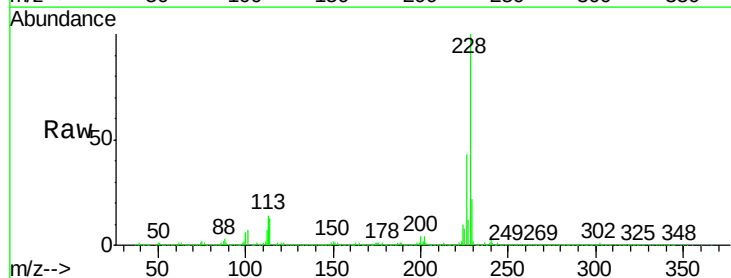
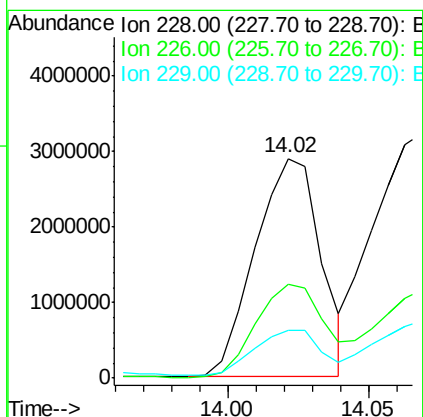
Sohil

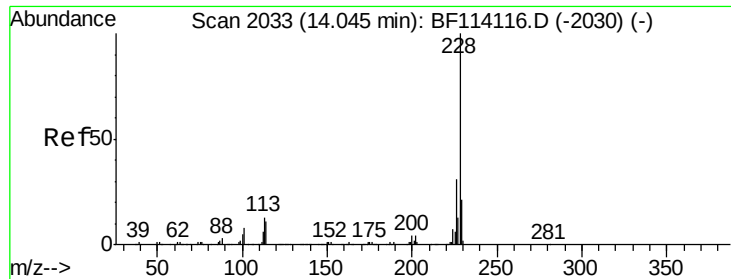
5/13/2019 8:37:26 PM



#81
Benzo(a)anthracene
Concen: 141.154 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	4689257		
226	43.0	22.2	33.2#	
229	22.0	16.4	24.6	



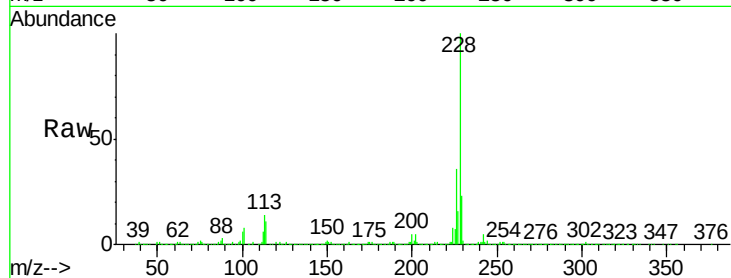


#83
Chrysene
Concen: 142.956 ng
RT: 14.07 min Scan# 2037
Delta R.T. 0.02 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

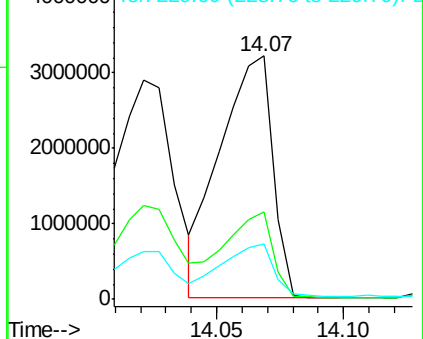
Instrument :
BNA_F
ClientSampleId :
P026-SS012-0002-01MSD

Tot Ion:228 Resp: 4655462
Ion Ratio Lower Upper
228 100
226 36.2 25.0 37.6
229 23.0 17.0 25.6

Manual Integrations
APPROVED

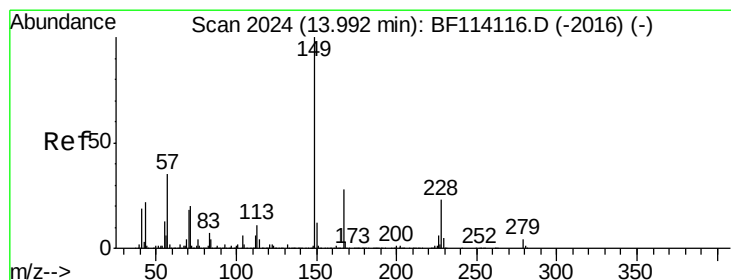
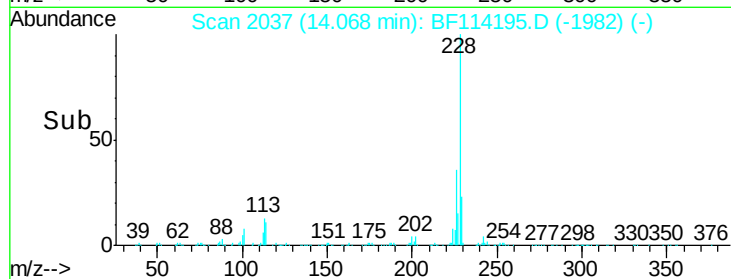


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



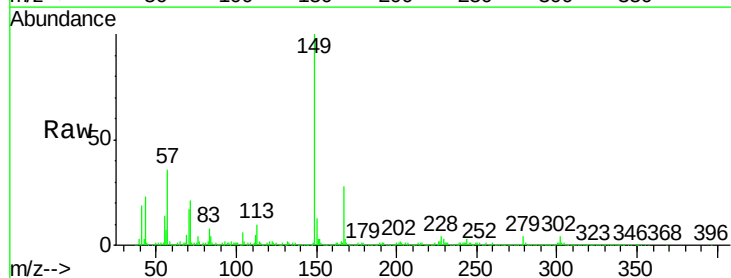
Sohil

5/13/2019 8:37:26 PM

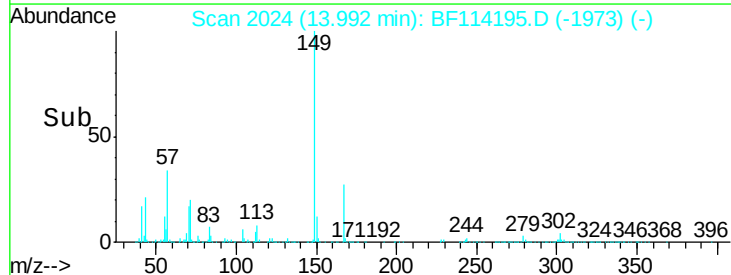
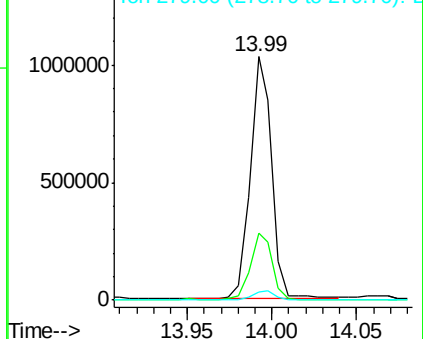


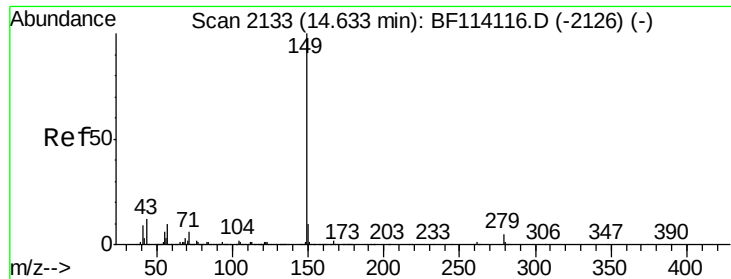
#84
Bis(2-ethylhexyl)phthalate
Concen: 40.077 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.00 min
Lab File: BF114195.D
Acq: 12 May 2019 16:30

Tgt Ion:149 Resp: 911566
Ion Ratio Lower Upper
149 100
167 27.5 22.6 33.8
279 3.5 3.0 4.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 38.481 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

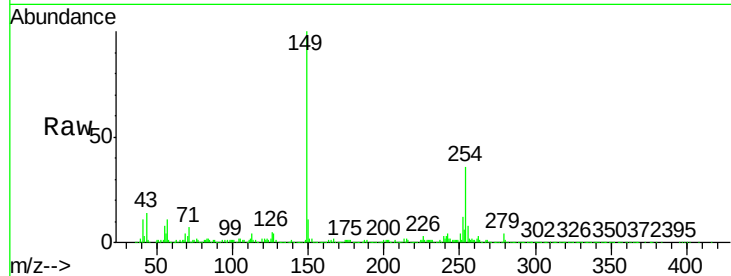
BNA_F

ClientSampleId :

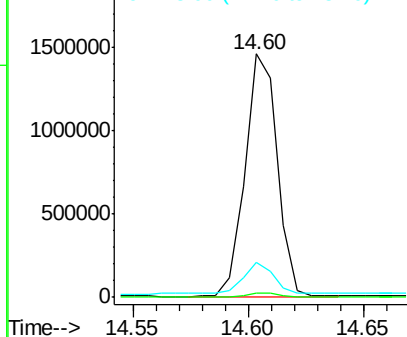
P026-SS012-0002-01MSD

Tot Ion:	149	Resp:	1418849
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.3	1.9
43	12.6	10.1	15.1

Manual Integrations
APPROVED

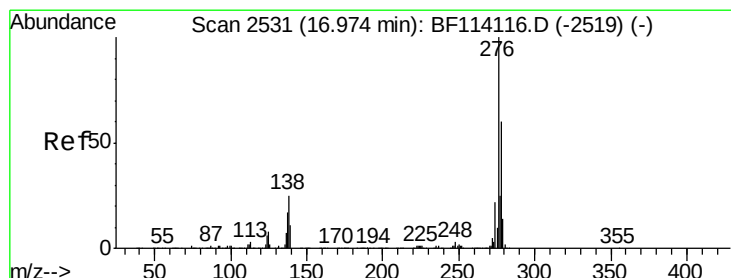
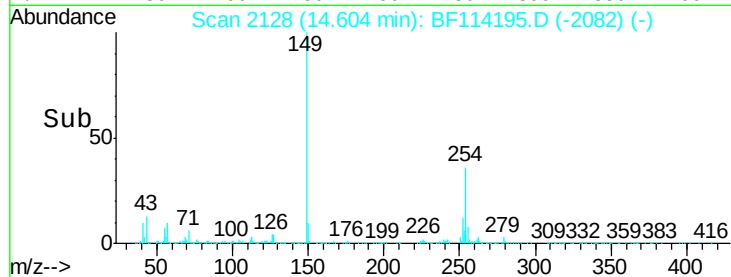


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



Sohil

5/13/2019 8:37:26 PM



#86

Indeno(1,2,3-cd)pyrene

Concen: 100.375 ng

RT: 17.01 min Scan# 2537

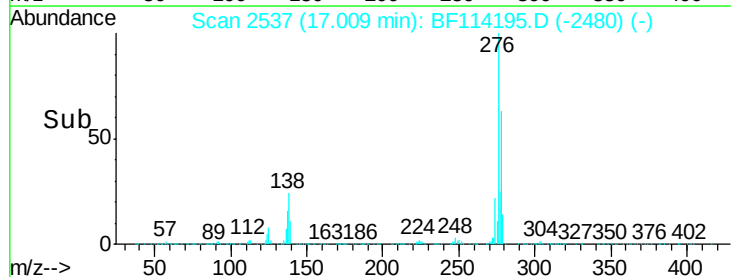
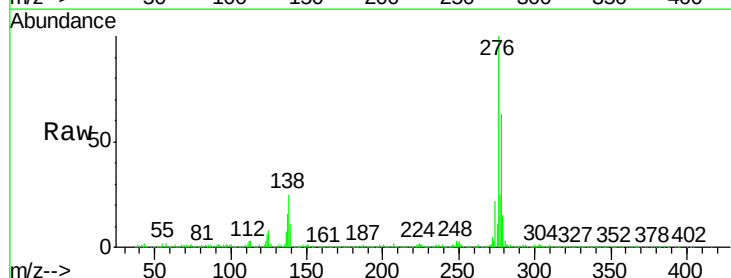
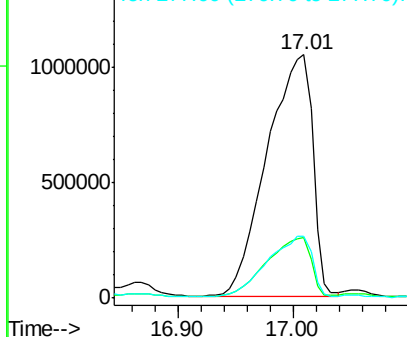
Delta R.T. 0.04 min

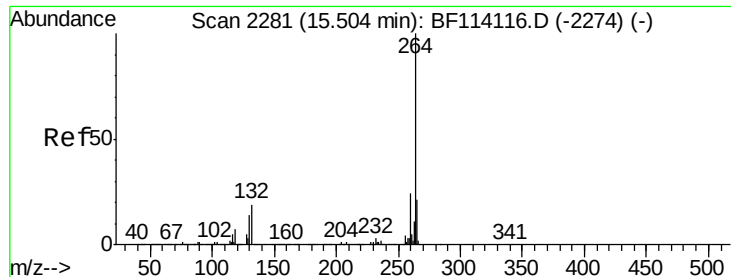
Lab File: BF114195.D

Acq: 12 May 2019 16:30

Tgt Ion:	276	Resp:	2888898
Ion	Ratio	Lower	Upper
276	100		
138	23.7	20.2	30.2
277	24.5	20.0	30.0

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

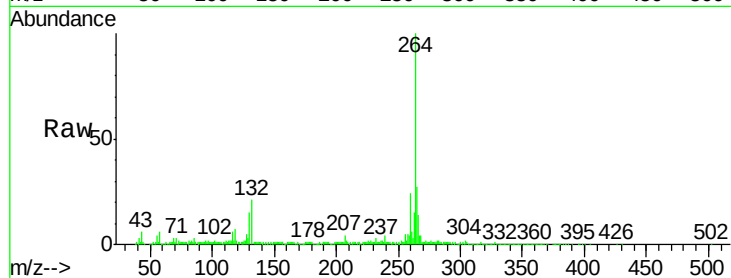
BNA_F

ClientSampleId :

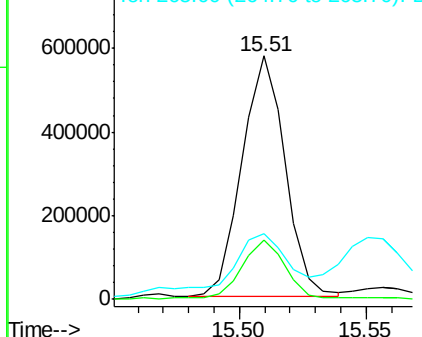
P026-SS012-0002-01MSD

Tot Ion:	264	Resp:	680048
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.4	29.0
265	27.2	16.9	25.3#

Manual Integrations
APPROVED

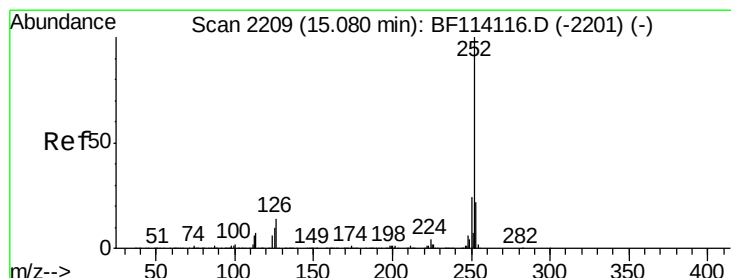
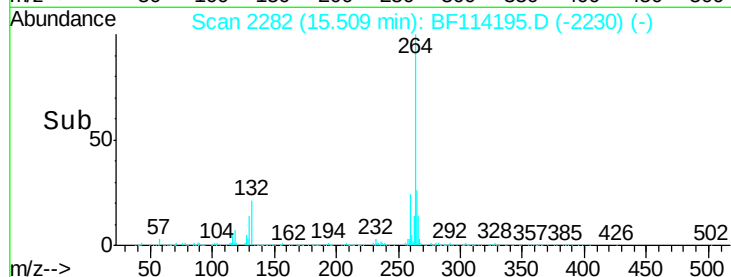


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Sohil

5/13/2019 8:37:26 PM



#88

Benzo(b)fluoranthene

Concen: 123.204 ng m

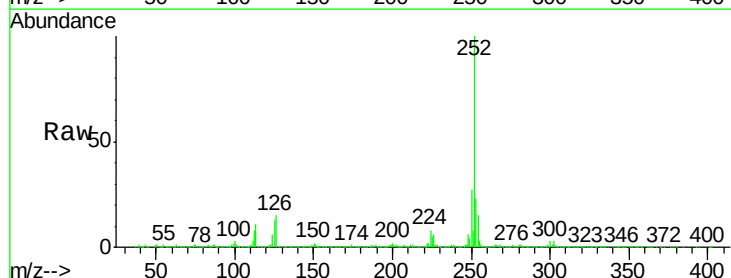
RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

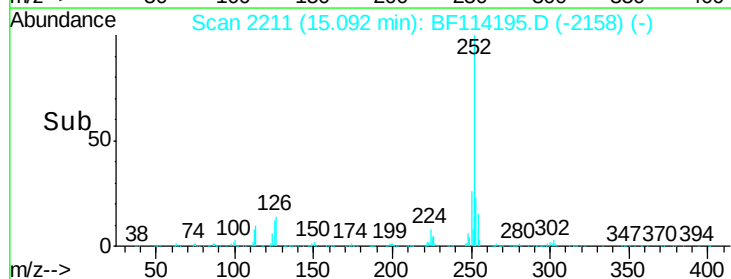
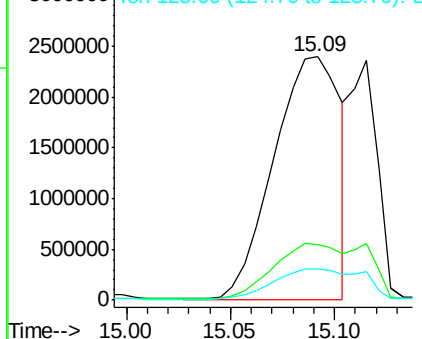
Lab File: BF114195.D

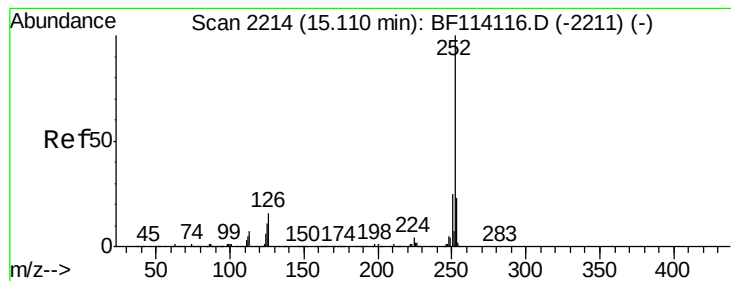
Acq: 12 May 2019 16:30

Tgt Ion:	252	Resp:	5367728
Ion Ratio		Lower	Upper
252	100		
253	23.0	17.8	26.8
125	12.7	8.3	12.5#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 52.350 ng/mL

RT: 15.12 min Scan# 2215

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion:252 Resp: 2095130

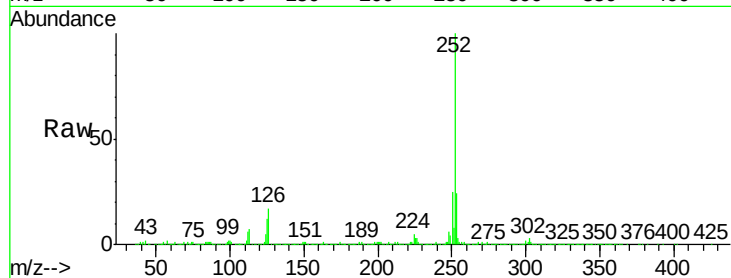
Ion Ratio Lower Upper

252 100

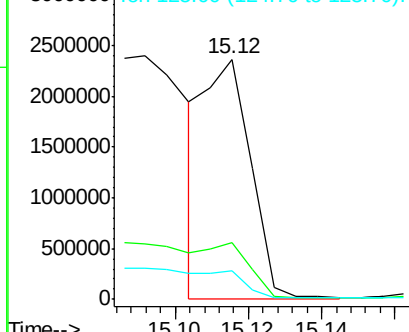
253 23.6 18.2 27.2

125 11.6 8.6 13.0

Manual Integrations
APPROVED

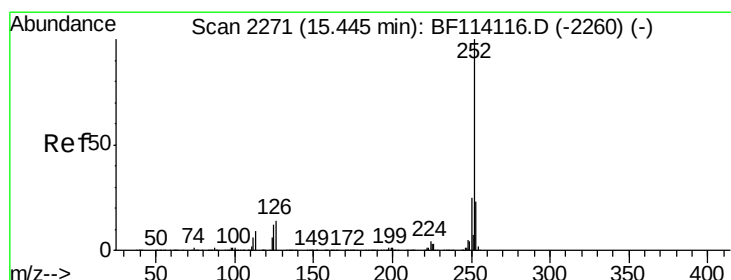
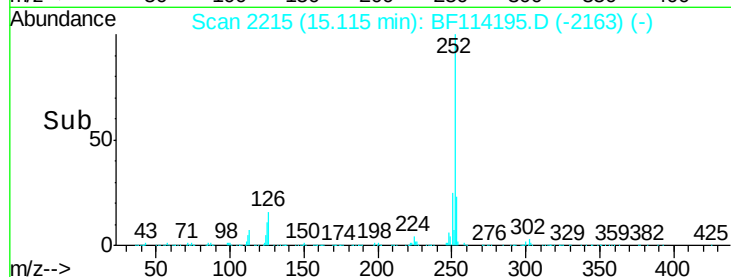


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Sohil

5/13/2019 8:37:26 PM



#90

Benzo(a)pyrene

Concen: 112.296 ng/mL

RT: 15.46 min Scan# 2273

Delta R.T. 0.01 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

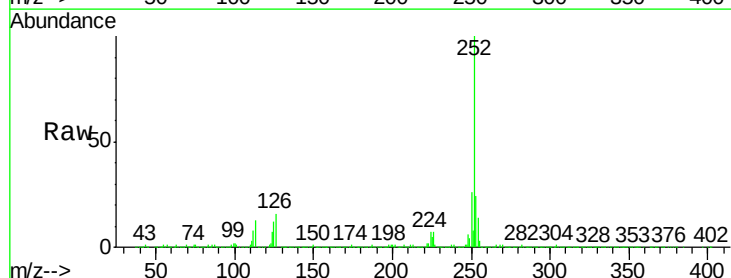
Tgt Ion:252 Resp: 4305791

Ion Ratio Lower Upper

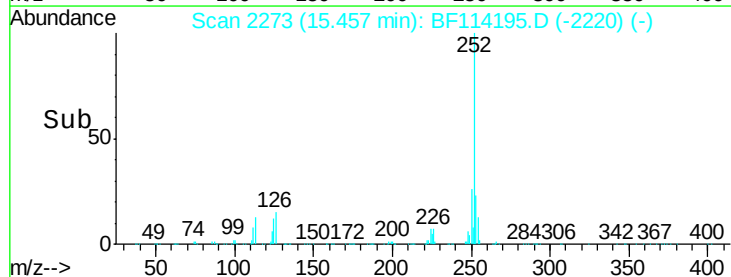
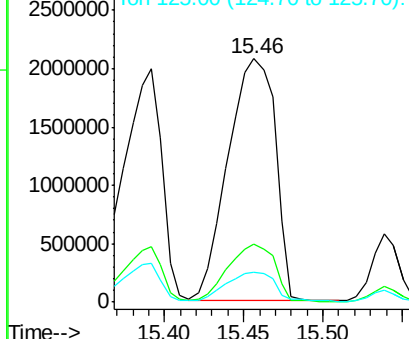
252 100

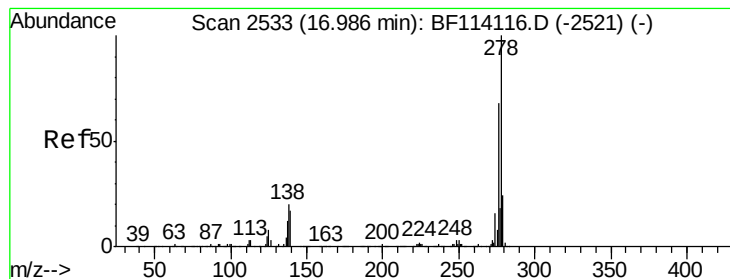
253 23.7 18.1 27.1

125 12.4 9.5 14.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.592 ng

RT: 17.01 min Scan# 2537

Delta R.T. 0.02 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MSD

Tot Ion:278 Resp: 1293336

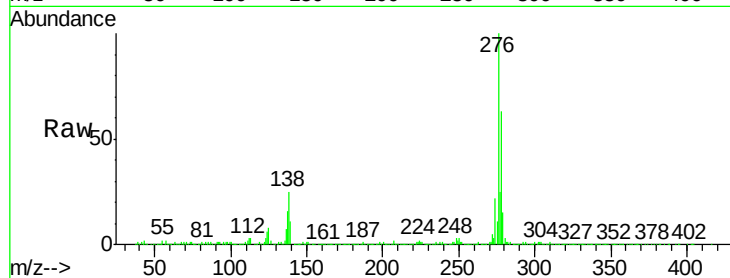
Ion Ratio Lower Upper

278 100

139 17.2 13.5 20.3

279 24.1 19.0 28.6

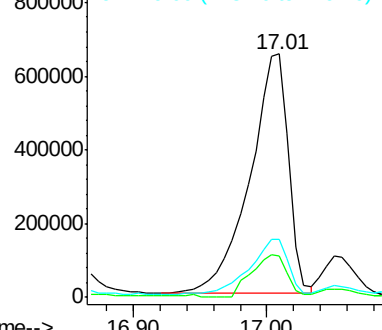
Manual Integrations
APPROVED



Abundance Ion 278.00 (277.70 to 278.70): E

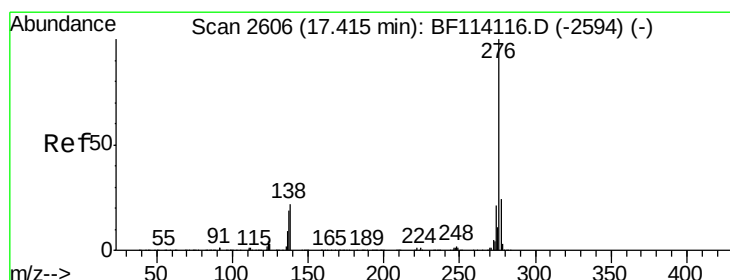
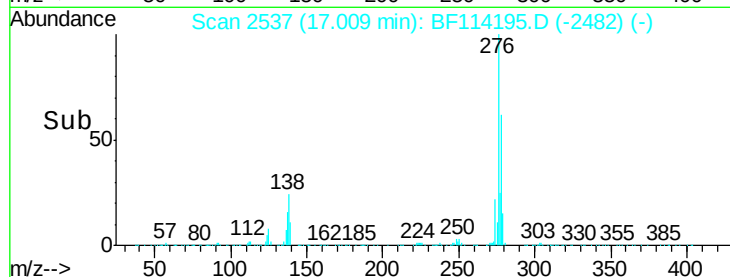
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



Sohil

5/13/2019 8:37:26 PM



#92

Benzo(g,h,i)perylene

Concen: 92.900 ng

RT: 17.46 min Scan# 2613

Delta R.T. 0.04 min

Lab File: BF114195.D

Acq: 12 May 2019 16:30

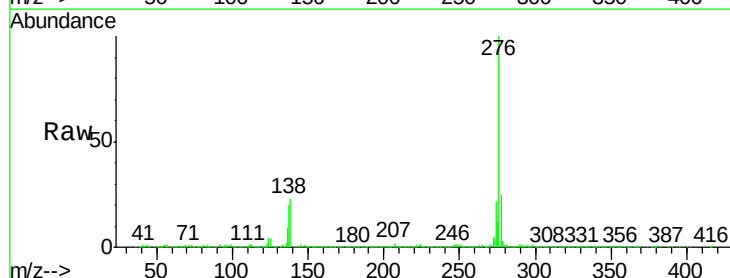
Tgt Ion:276 Resp: 2966297

Ion Ratio Lower Upper

276 100

277 25.2 19.0 28.4

138 23.1 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

