

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114174.D
 Acq On : 12 May 2019 00:53
 Operator : JU/SJ
 Sample : K2765-20MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:36:04 PM

Quant Time: May 13 08:54:31 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)
1) 1,4-Dichlorobenzene-d4	6.85	152	257191	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	896041	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	398220	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	727333	20.00	ng	0.00
76) Chrysene-d12	14.03	240	456674	20.00	ng	0.00
87) Perylene-d12	15.50	264	641413	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	1606228	100.50	ng	0.00
7) Phenol-d6	6.49	99	2181260	115.40	ng	0.00
23) Nitrobenzene-d5	7.42	82	1402946	87.87	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	397297	96.50	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	1750529	66.50	ng	0.00
79) Terphenyl-d14	12.96	244	1367386	61.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	263626	30.010	ng	99
3) Pyridine	3.39	79	471017	19.461	ng	96
4) n-Nitrosodimethylamine	3.32	42	386649	33.128	ng	95
6) Aniline	6.52	93	283105	10.368	ng	# 92
8) 2-Chlorophenol	6.64	128	724320	42.453	ng	98
9) Benzaldehyde	6.40	77	355232	26.844	ng	99
10) Phenol	6.50	94	890465	40.046	ng	89
11) bis(2-Chloroethyl)ether	6.59	93	728983	43.183	ng	97
12) 1,3-Dichlorobenzene	6.79	146	741468	38.715	ng	97
13) 1,4-Dichlorobenzene	6.87	146	755309	39.138	ng	98
14) 1,2-Dichlorobenzene	7.02	146	703859	39.920	ng	99
15) Benzyl Alcohol	6.99	79	633751	42.988	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1298058	39.657	ng	98
17) 2-Methylphenol	7.11	107	556140	39.681	ng	99
18) Hexachloroethane	7.36	117	269988	37.270	ng	95
19) n-Nitroso-di-n-propylamine	7.26	70	490845	40.968	ng	99
20) 3+4-Methylphenols	7.26	107	662370	40.905	ng	90
22) Acetophenone	7.26	105	945996	47.657	ng	96
24) Nitrobenzene	7.43	77	773213	47.547	ng	95
25) Isophorone	7.67	82	1378316	46.547	ng	99
26) 2-Nitrophenol	7.75	139	358969	45.498	ng	95
27) 2,4-Dimethylphenol	7.79	122	527844	42.597	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	788028	41.015	ng	99
29) 2,4-Dichlorophenol	7.99	162	518931	42.056	ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	566729	40.391	ng	99
31) Naphthalene	8.16	128	2444949	58.414	ng	100
32) Benzoic acid	7.90	122	235233	29.750	ng	98
33) 4-Chloroaniline	8.20	127	174135	9.130	ng	97
34) Hexachlorobutadiene	8.27	225	297640	37.282	ng	99
35) Caprolactam	8.58	113	131793m	32.757	ng	
36) 4-Chloro-3-methylphenol	8.69	107	544767	43.861	ng	99
37) 2-Methylnaphthalene	8.85	142	1441632	53.384	ng	98
38) 1-Methylnaphthalene	8.95	142	1274921	50.132	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	522226	43.292	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051119\
 Data File : BF114174.D
 Acq On : 12 May 2019 00:53
 Operator : JU/SJ
 Sample : K2765-20MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

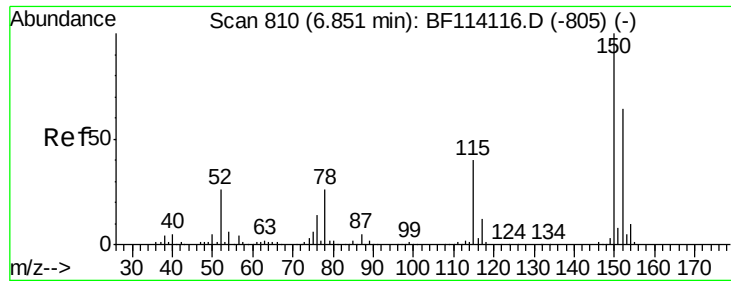
Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:36:04 PM

Quant Time: May 13 08:54:31 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)
41) Hexachlorocyclopentadiene	9.00	237	194010	36.980	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	371542	44.779	nq	98
44) 2,4,5-Trichlorophenol	9.17	196	384831	45.225	nq	98
46) 1,1'-Biphenyl	9.31	154	1534402	47.696	nq	98
47) 2-Chloronaphthalene	9.33	162	1100868	42.520	nq	98
48) 2-Nitroaniline	9.43	65	368595	40.143	nq	97
49) Acenaphthylene	9.75	152	2719876	69.071	nq	99
50) Dimethylphthalate	9.61	163	1537566	52.597	nq	100
51) 2,6-Dinitrotoluene	9.67	165	293034	45.194	nq	94
52) Acenaphthene	9.92	154	991825	41.045	nq	100
53) 3-Nitroaniline	9.83	138	140466	17.452	nq	99
54) 2,4-Dinitrophenol	9.95	184	197223	62.137	nq	94
55) Dibenzofuran	10.09	168	1494763	42.185	nq	97
56) 4-Nitrophenol	10.01	139	433610	76.179	nq	87
57) 2,4-Dinitrotoluene	10.07	165	363721	41.329	nq	97
58) Fluorene	10.43	166	1267201	46.301	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	314313m	42.810	nq	
60) Diethylphthalate	10.30	149	1235488	41.595	nq	100
61) 4-Chlorophenyl-phenylether	10.42	204	562533	41.848	nq	97
62) 4-Nitroaniline	10.45	138	194240	22.966	nq	96
63) Azobenzene	10.59	77	1203591	41.863	nq	94
65) 4,6-Dinitro-2-methylphenol	10.49	198	137640	39.383	nq	84
66) n-Nitrosodiphenylamine	10.54	169	1067051	48.338	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	361579	45.151	nq	94
68) Hexachlorobenzene	10.99	284	374938	42.321	nq	97
69) Atrazine	11.07	200	309312	45.027	nq	99
70) Pentachlorophenol	11.19	266	358672	85.405	nq	99
71) Phenanthrene	11.40	178	4639863	131.123	nq	96
72) Anthracene	11.45	178	2143144	60.299	nq	99
73) Carbazole	11.60	167	1398961	41.277	nq	98
74) Di-n-butylphthalate	11.93	149	1784305	45.697	nq	99
75) Fluoranthene	12.60	202	5578195	146.387	nq	93
77) Benzidine	12.69	184	7479	0.365	nq	# 1
78) Pyrene	12.85	202	8564940m	233.141	nq	
80) Butylbenzylphthalate	13.43	149	766857	49.593	nq	95
81) Benzo(a)anthracene	14.02	228	5000937	169.308	nq	# 83
82) 3,3'-Dichlorobenzidine	13.97	252	22827	1.992	nq	# 80
83) Chrysene	14.06	228	4716270	162.883	nq	96
84) Bis(2-ethylhexyl)phthalate	13.99	149	1050266	51.933	nq	99
85) Di-n-octyl phthalate	14.61	149	1766915	53.896	nq	100
86) Indeno(1,2,3-cd)pyrene	17.00	276	3451623	134.882	nq	99
88) Benzo(b)fluoranthene	15.09	252	5666095	137.886	nq	# 95
89) Benzo(k)fluoranthene	15.11	252	2763597m	73.212	nq	
90) Benzo(a)pyrene	15.45	252	4629131	128.001	nq	98
91) Dibenzo(a,h)anthracene	17.00	278	1696255	56.445	nq	99
92) Benzo(g,h,i)perylene	17.44	276	3491810	115.946	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

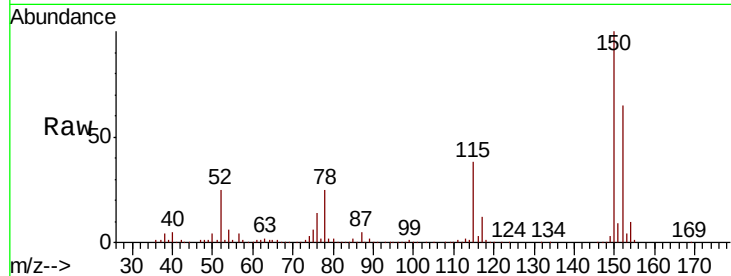
ClientSampleId :

P026-SS006-0002-01MSD

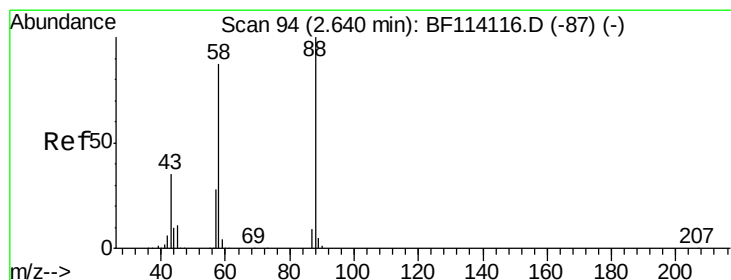
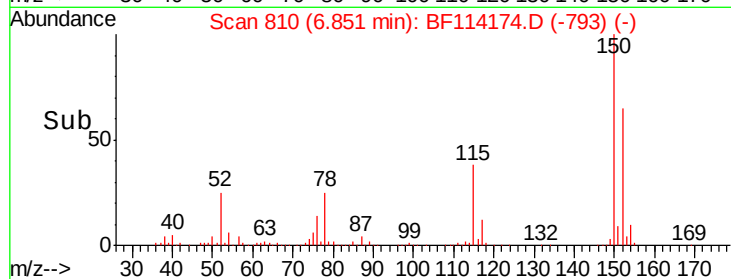
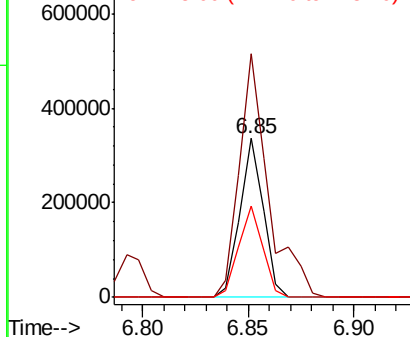
Tot Ion:	152	Resp:	257191
Ion Ratio	Lower	Upper	
152	100		
150	153.4	124.3	186.5
115	57.8	49.1	73.7

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



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



#2

1,4-Dioxane

Concen: 30.010 ng

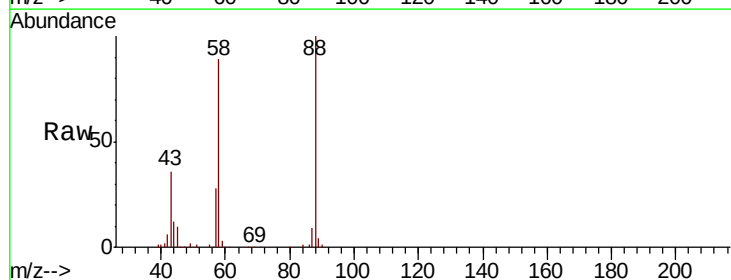
RT: 2.63 min Scan# 92

Delta R.T. -0.01 min

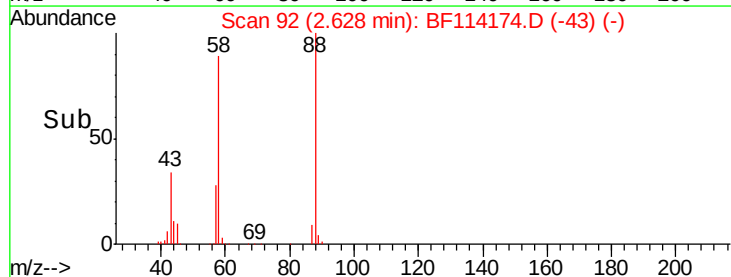
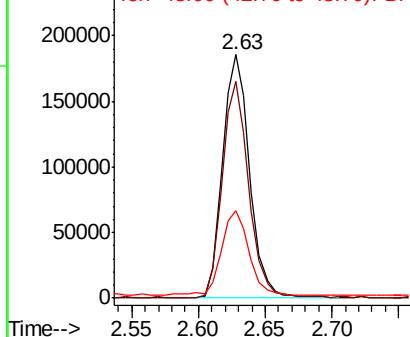
Lab File: BF114174.D

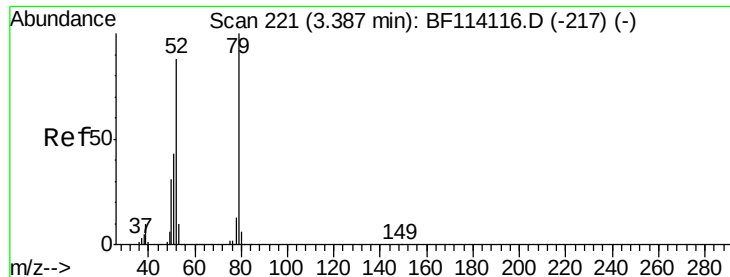
Acq: 12 May 2019 00:53

Tgt Ion:	88	Resp:	263626
Ion Ratio	Lower	Upper	
88	100		
58	86.5	68.7	103.1
43	35.8	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

Pvridine

Concen: 19.461 ng

RT: 3.39 min Scan# 221

Delta R.T. -0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

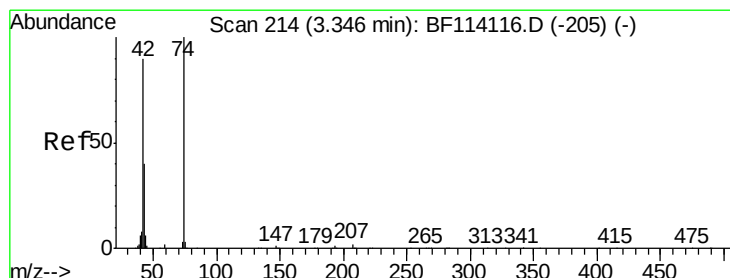
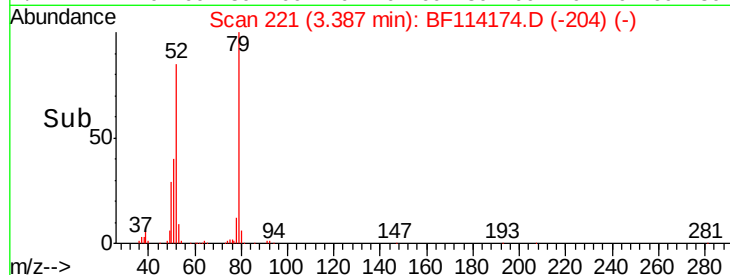
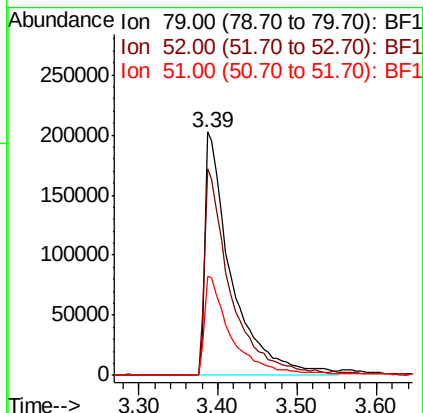
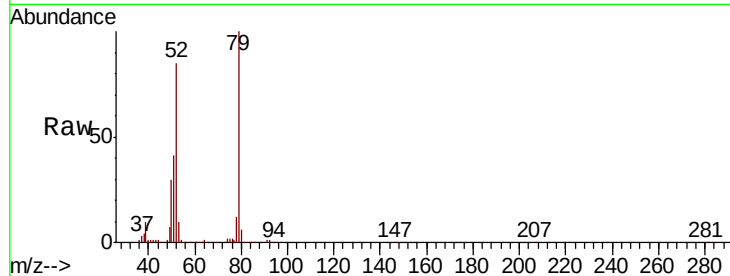
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	79	Resp:	471017
Ion Ratio	Lower	Upper	
79	100		
52	84.6	70.6	105.8
51	40.7	34.2	51.2

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



#4

n-Nitrosodimethylamine

Concen: 33.128 ng

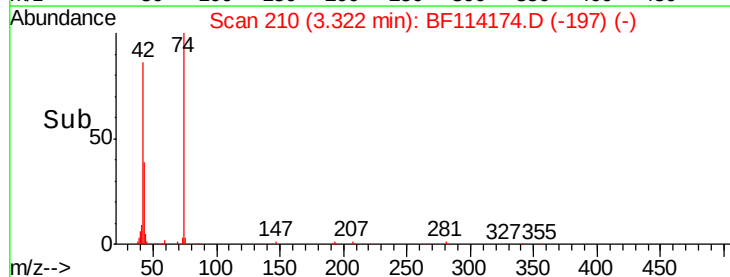
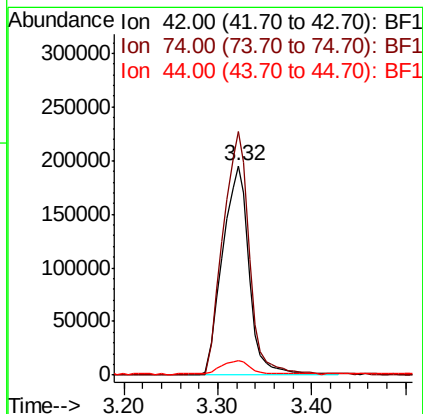
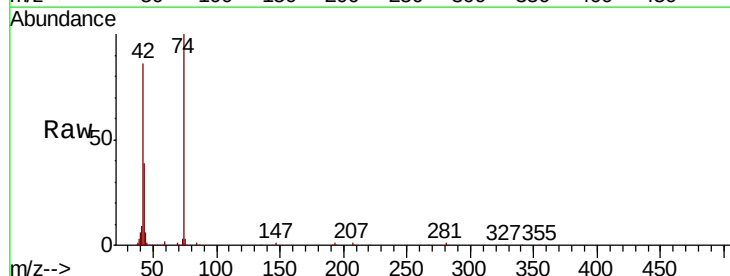
RT: 3.32 min Scan# 210

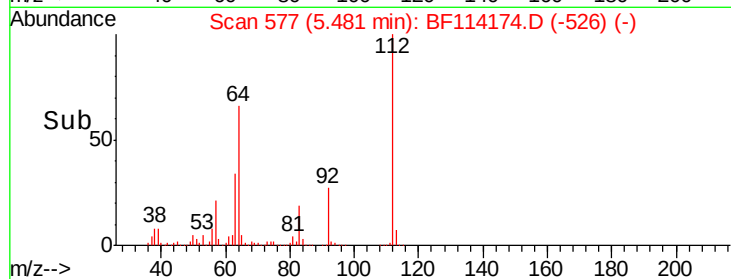
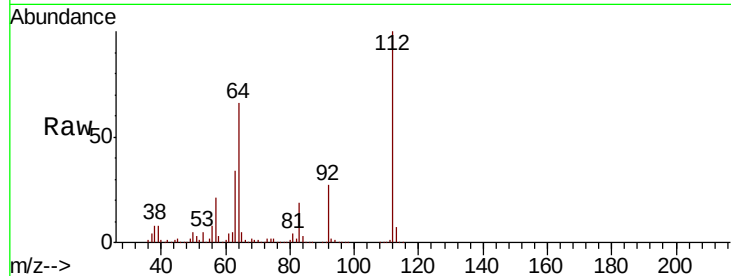
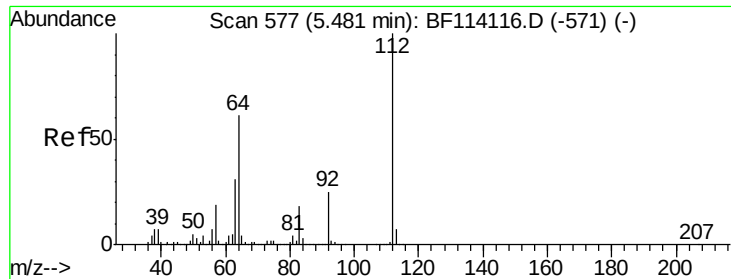
Delta R.T. -0.02 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Tgt Ion:	42	Resp:	386649
Ion Ratio	Lower	Upper	
42	100		
74	116.4	88.6	132.8
44	6.8	5.5	8.3





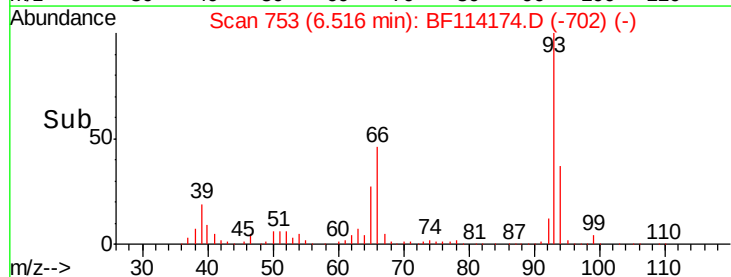
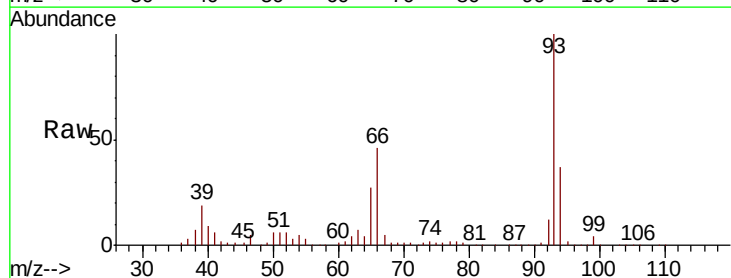
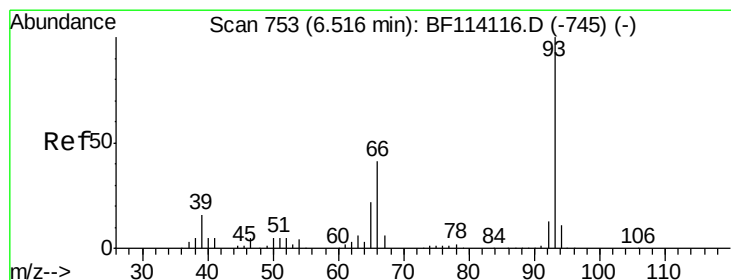
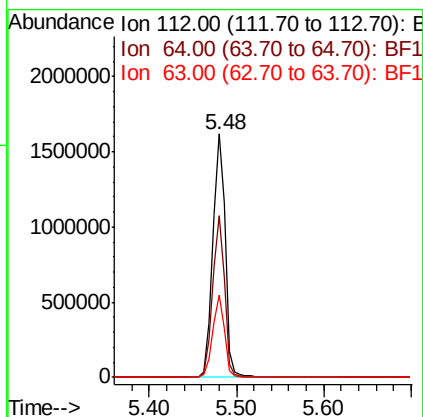
#5
2-Fluorophenol
Concen: 100.503 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tot Ion	Ratio	Lower	Upper
112	100		
64	66.2	49.0	73.6
63	33.7	24.6	37.0

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

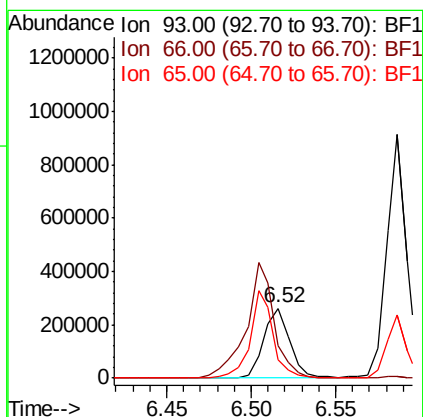
Manual Integrations
APPROVED

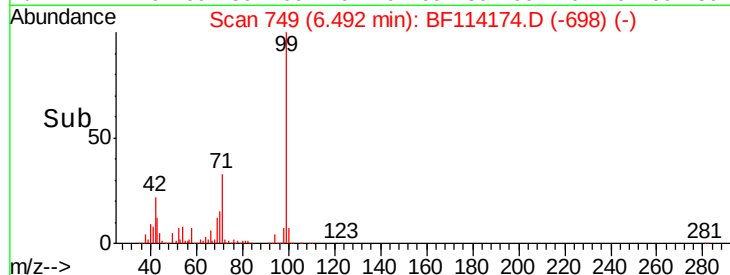
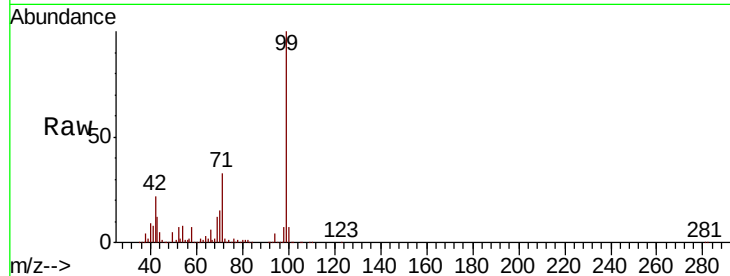
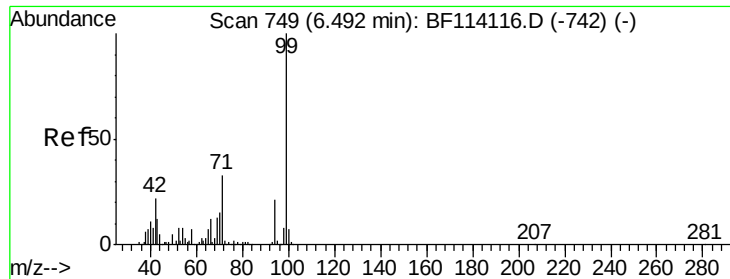
Sohil
5/13/2019 8:36:04 PM



#6
Aniline
Concen: 10.368 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
93	100		
66	46.2	33.2	49.8
65	26.9	17.6	26.4





#7

Phenol-d6

Concen: 115.396 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Tot Ion: 99 Resp: 2181260

Ion Ratio Lower Upper

99 100

42 22.3 17.9 26.9

71 32.7 26.2 39.2

Instrument :

BNA_F

ClientSampleId :

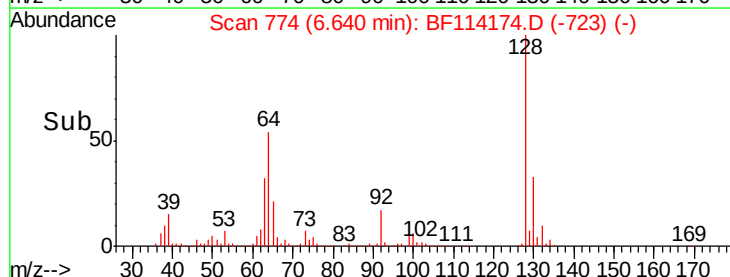
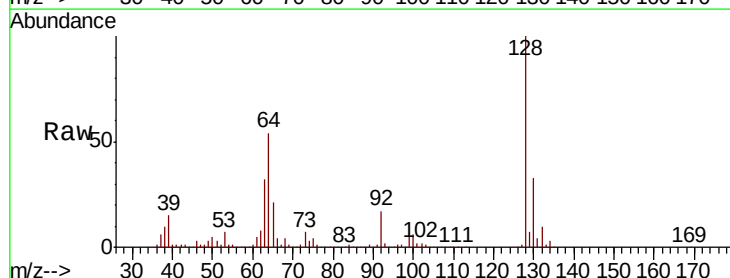
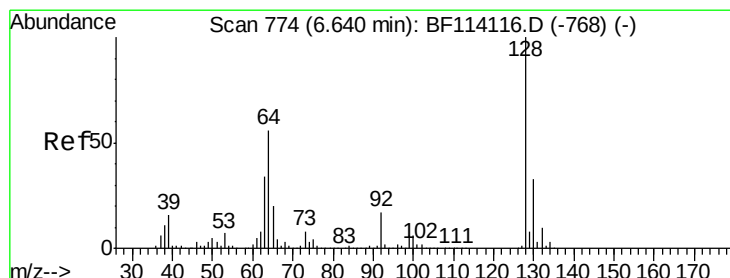
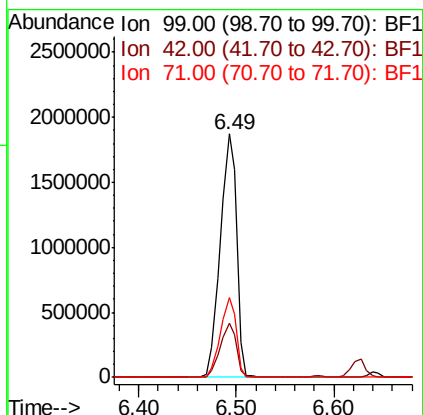
P026-SS006-0002-01MSD

Manual Integrations

APPROVED

Sohil

5/13/2019 8:36:04 PM



#8

2-Chlorophenol

Concen: 42.453 ng

RT: 6.64 min Scan# 774

Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

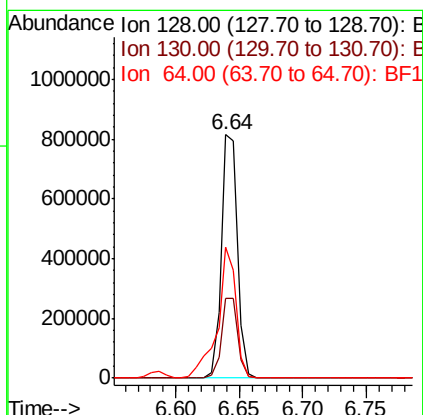
Tgt Ion: 128 Resp: 724320

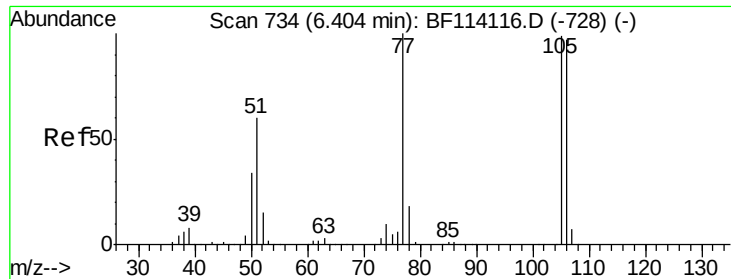
Ion Ratio Lower Upper

128 100

130 32.7 12.6 52.6

64 53.7 35.9 75.9





#9

Benzaldehyde

Concen: 26.844 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

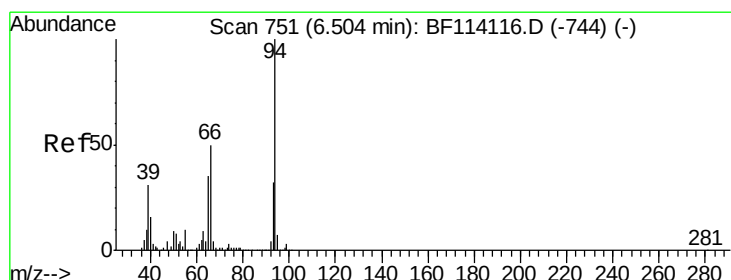
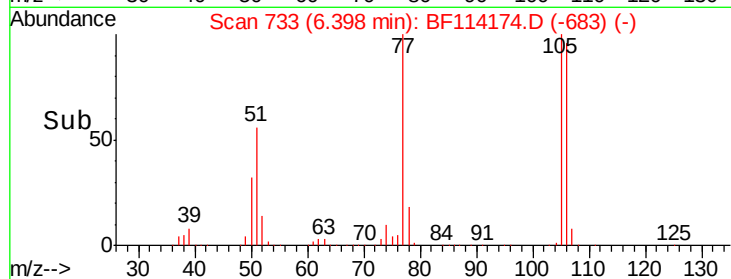
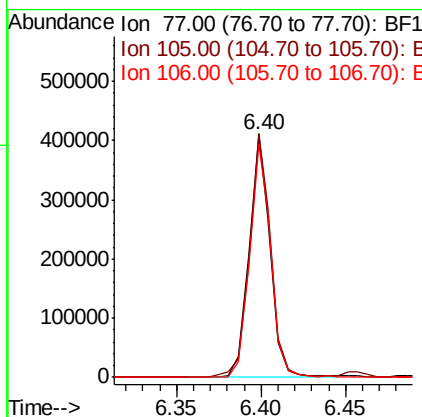
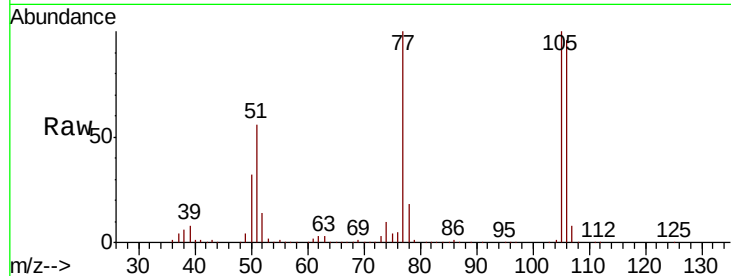
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	77	Resp:	355232
Ion	Ratio	Lower	Upper
77	100		
105	100.2	79.3	119.3
106	96.2	77.0	117.0

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



#10

Phenol

Concen: 40.046 ng

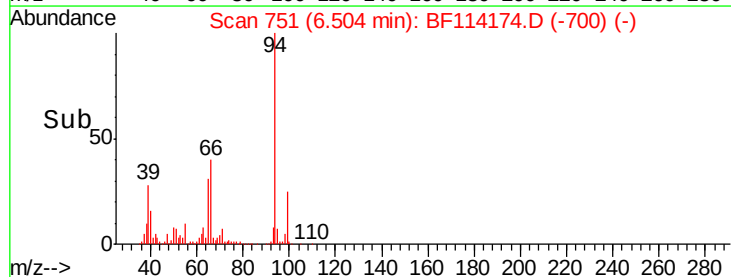
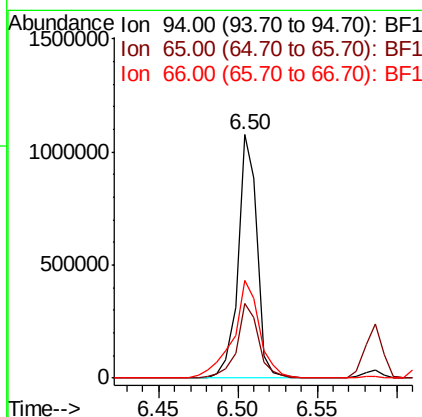
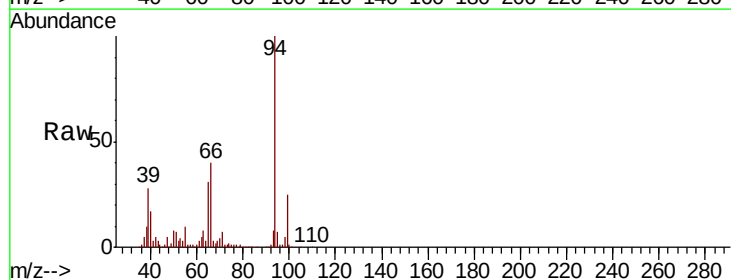
RT: 6.50 min Scan# 751

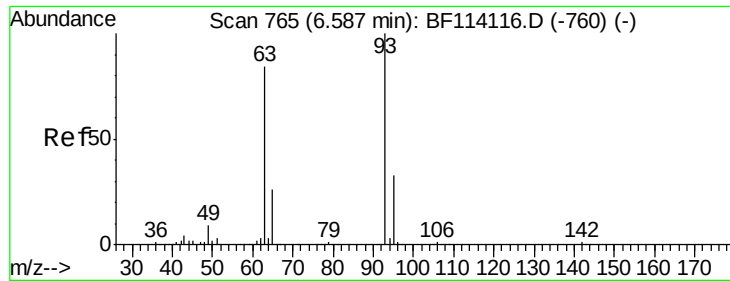
Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Tgt Ion:	94	Resp:	890465
Ion	Ratio	Lower	Upper
94	100		
65	30.6	14.7	54.7
66	40.1	29.6	69.6





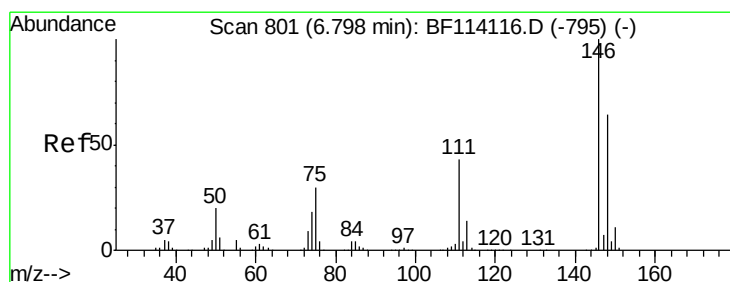
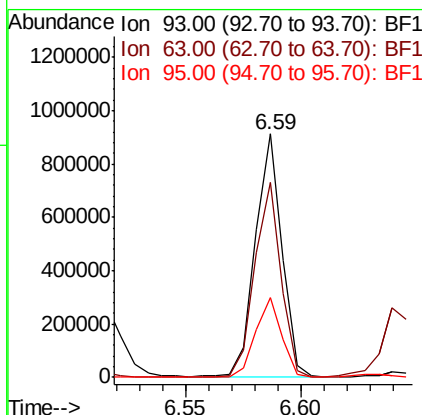
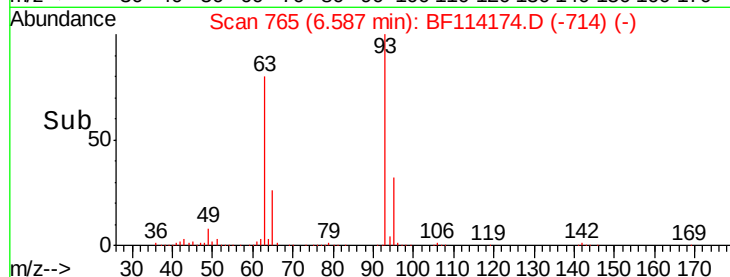
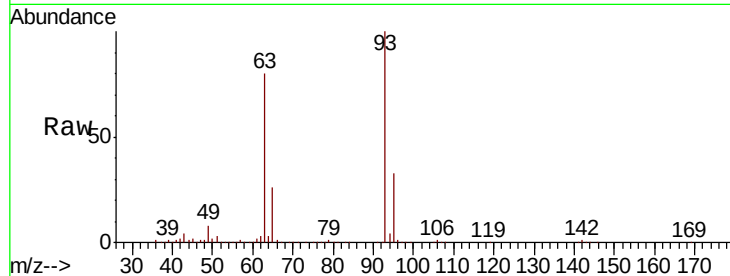
#11
bis(2-Chloroethyl)ether
Concen: 43.183 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion:	93	Resp:	728983
Ion Ratio	Lower	Upper	
93	100		
63	80.0	63.6	103.6
95	32.6	13.1	53.1

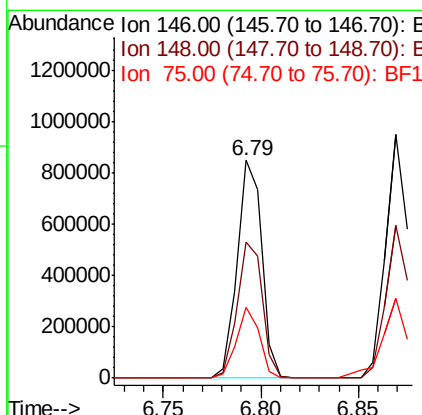
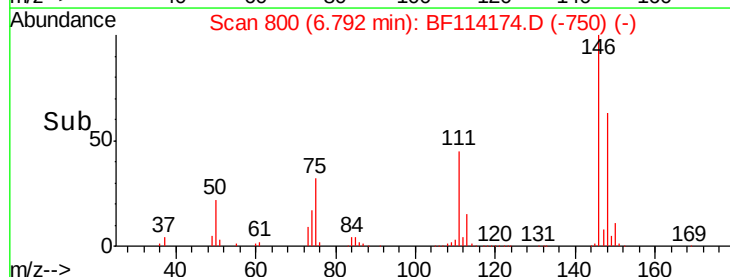
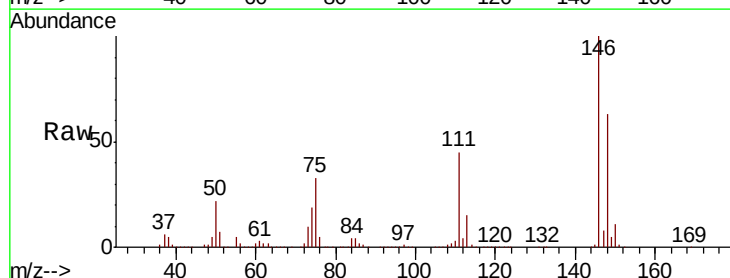
Manual Integrations
APPROVED

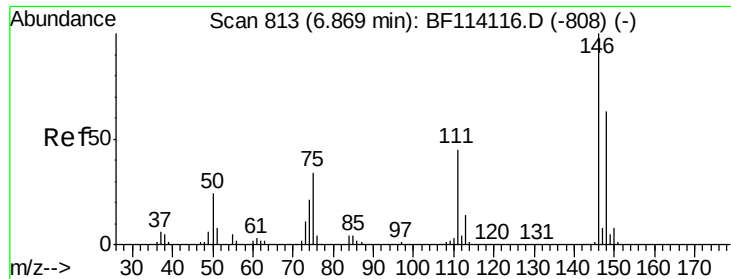
Sohil
5/13/2019 8:36:04 PM



#12
1,3-Dichlorobenzene
Concen: 38.715 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion:	146	Resp:	741468
Ion Ratio	Lower	Upper	
146	100		
148	62.7	51.6	77.4
75	32.5	24.2	36.2





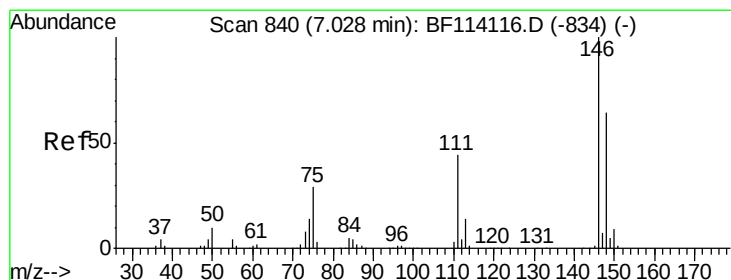
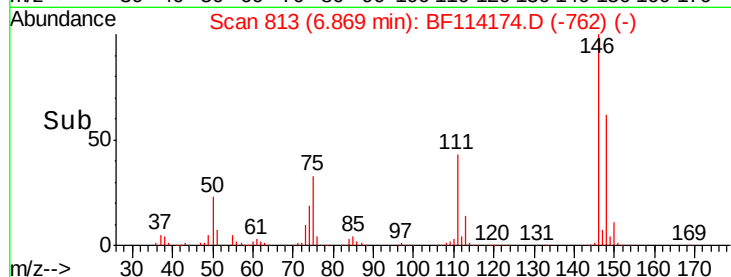
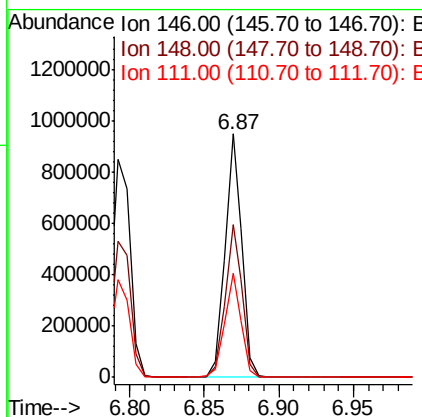
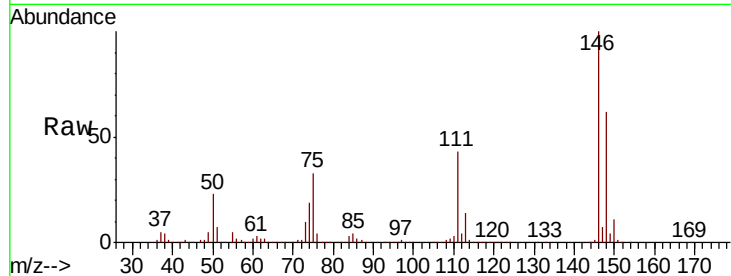
#13
 1,4-Dichlorobenzene
 Concen: 39.138 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
146	100		755309		
148	62.5	50.2	75.2		
111	42.6	35.8	53.6		

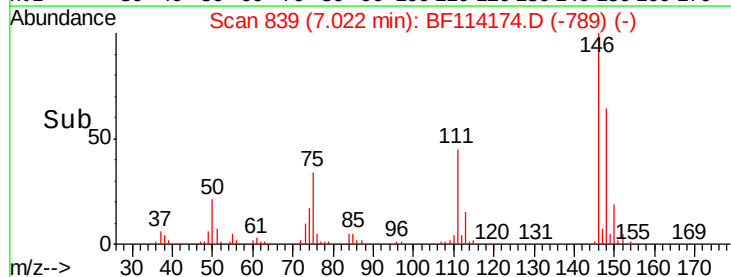
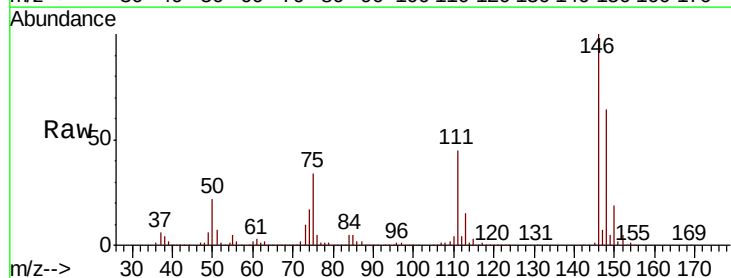
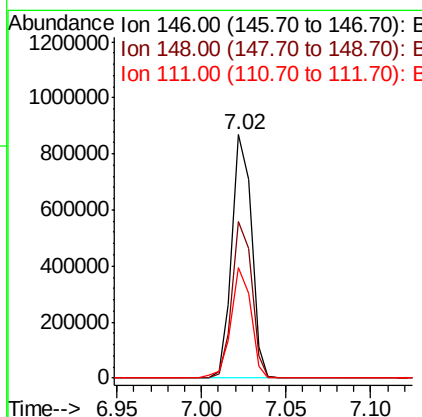
Manual Integrations
 APPROVED

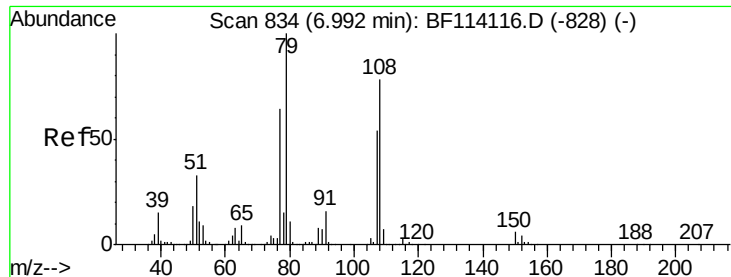
Sohil
 5/13/2019 8:36:04 PM



#14
 1,2-Dichlorobenzene
 Concen: 39.920 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		703859		
148	64.4	51.1	76.7		
111	45.3	35.3	52.9		





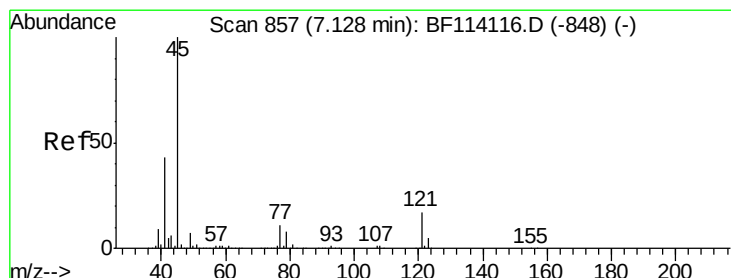
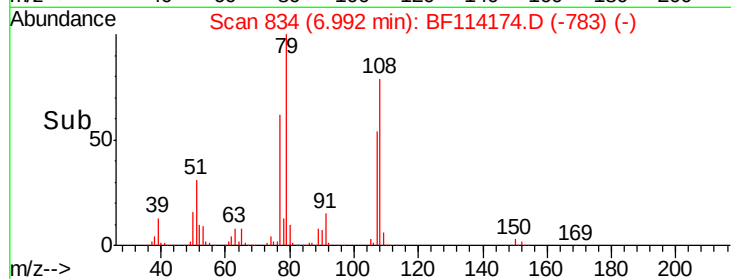
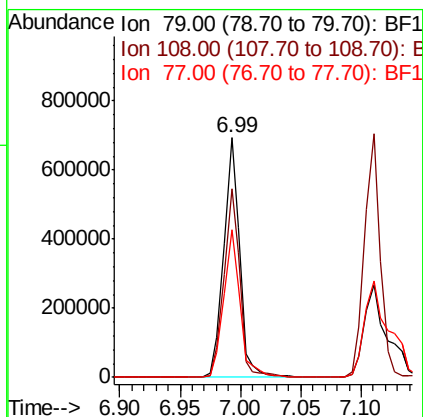
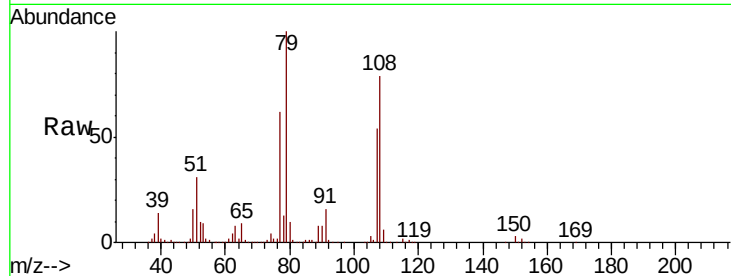
#15
Benzyl Alcohol
Concen: 42.988 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.0	62.1	93.1
77	61.9	51.0	76.6

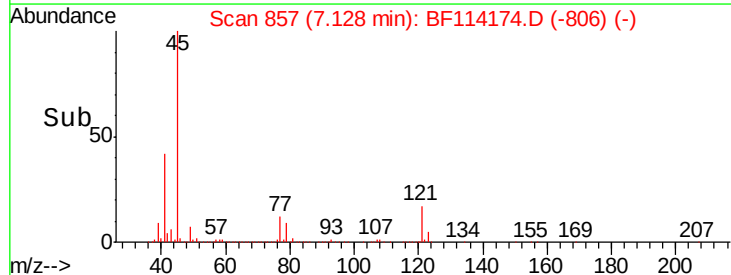
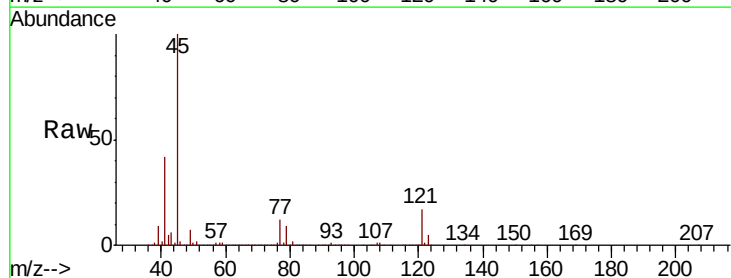
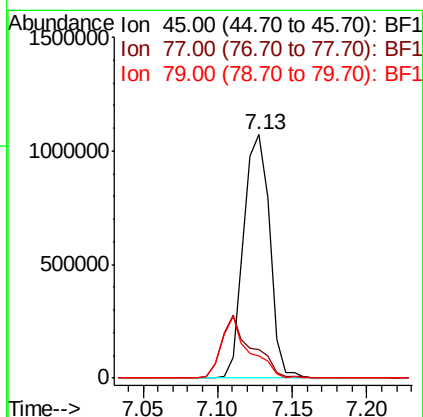
Manual Integrations
APPROVED

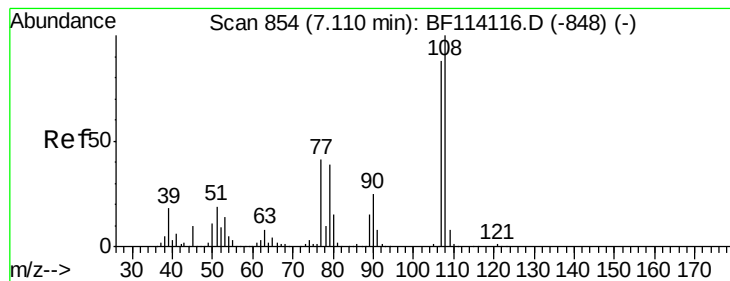
Sohil
5/13/2019 8:36:04 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.657 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.7	0.0	31.1
79	9.3	0.0	28.4





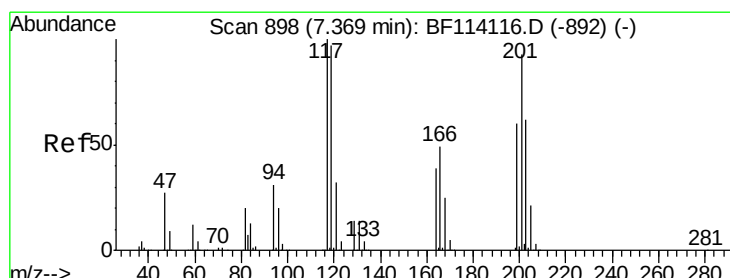
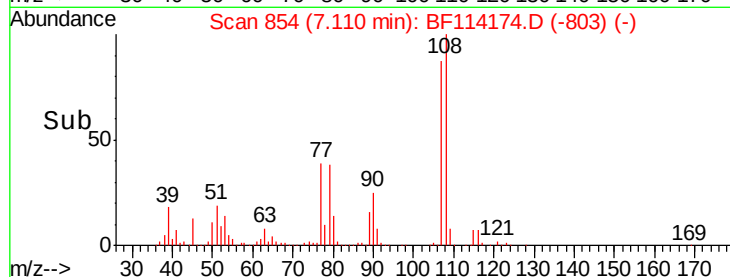
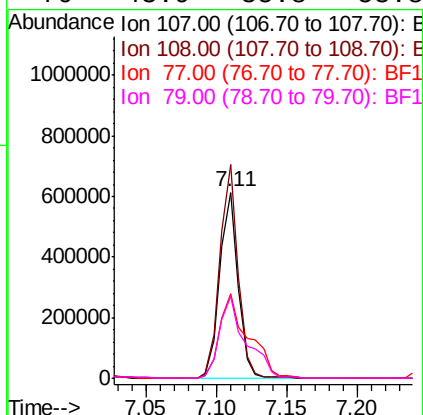
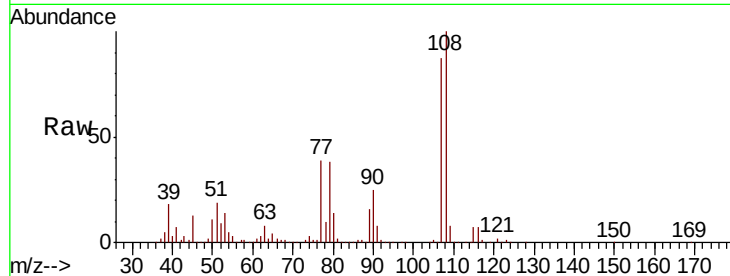
#17
2-Methylphenol
Concen: 39.681 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion:	107	Resp:	556140
Ion Ratio	Lower	Upper	
107	100		
108	114.8	90.5	135.7
77	45.3	37.0	55.4
79	43.9	35.8	53.8

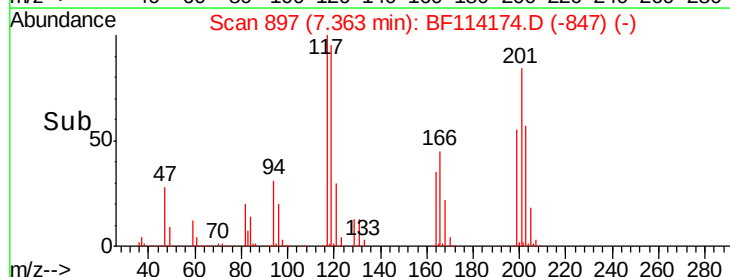
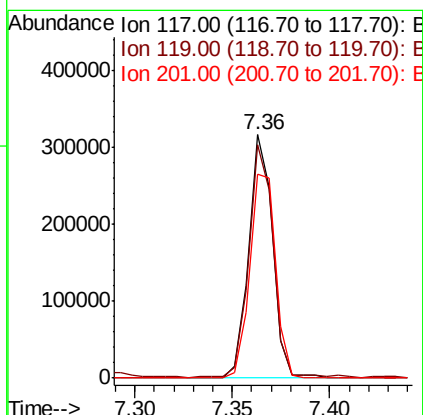
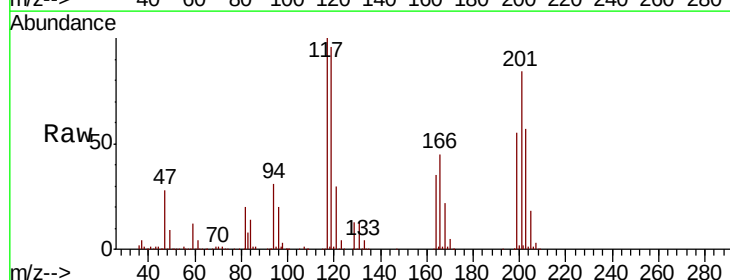
Manual Integrations
APPROVED

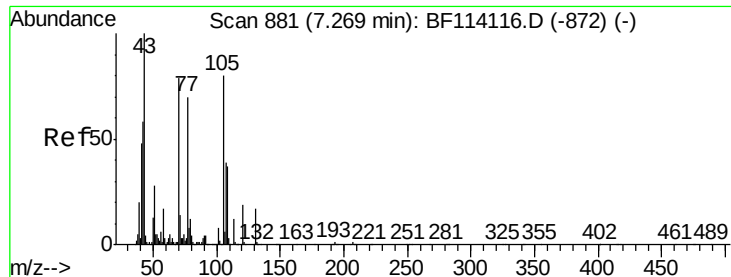
Sohil
5/13/2019 8:36:04 PM



#18
Hexachloroethane
Concen: 37.270 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion:	117	Resp:	269988
Ion Ratio	Lower	Upper	
117	100		
119	95.7	77.4	116.2
201	84.0	74.5	111.7





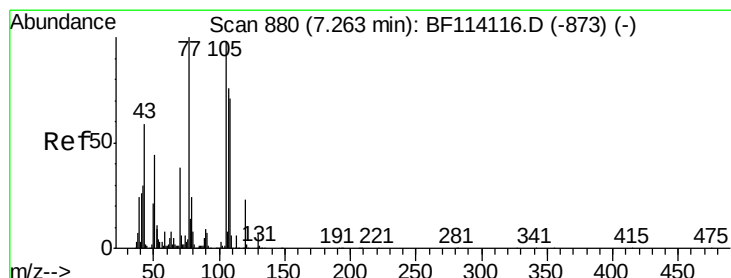
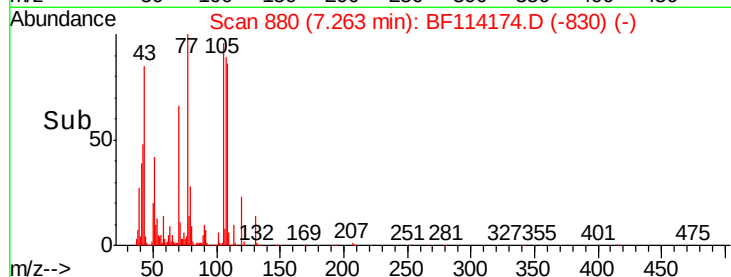
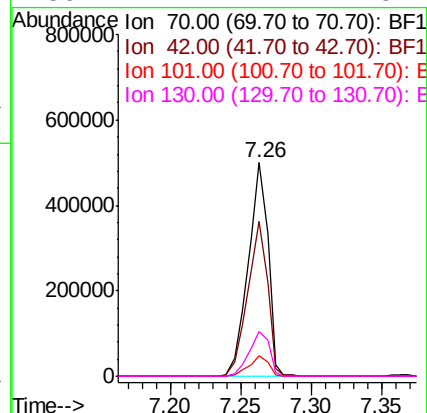
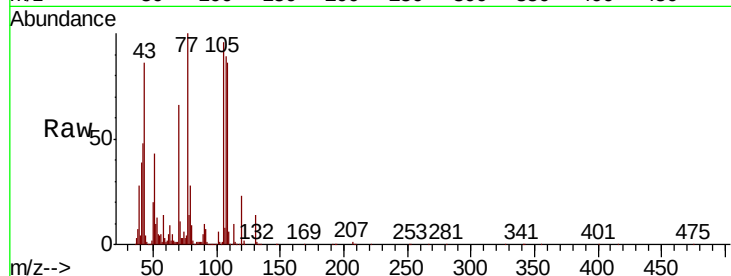
#19
n-Nitroso-di-n-propylamine
Concen: 40.968 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	72.4	58.6	87.8
101	9.6	7.8	11.8
130	21.1	17.1	25.7

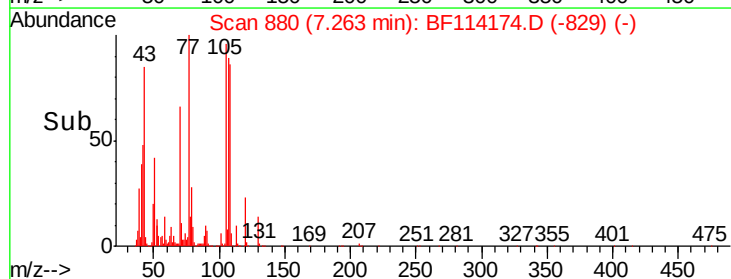
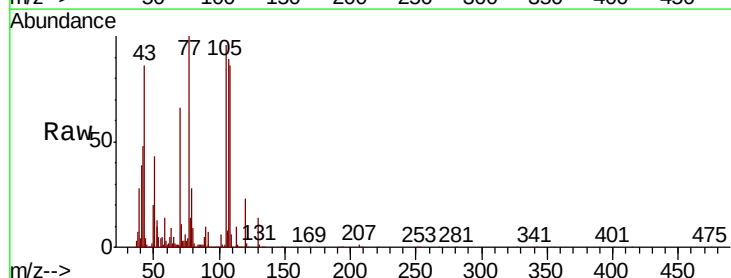
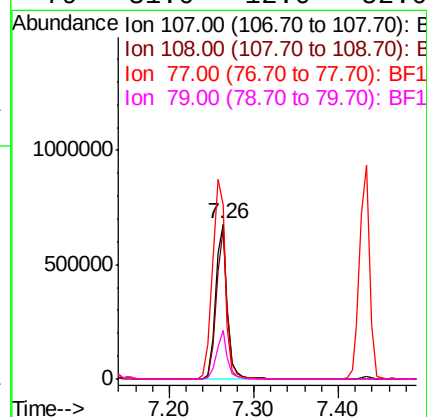
Manual Integrations
APPROVED

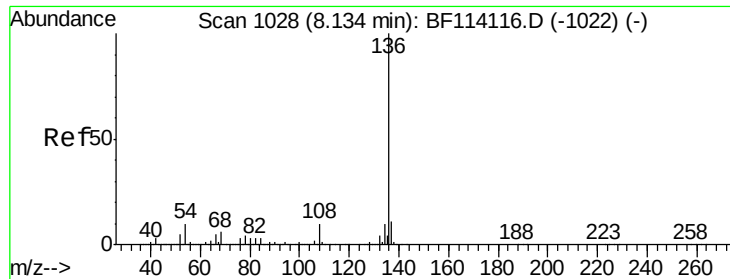
Sohil
5/13/2019 8:36:04 PM



#20
3+4-Methylphenols
Concen: 40.905 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
107	100		
108	96.2	73.8	113.8
77	112.1	111.5	151.5
79	31.0	12.0	52.0





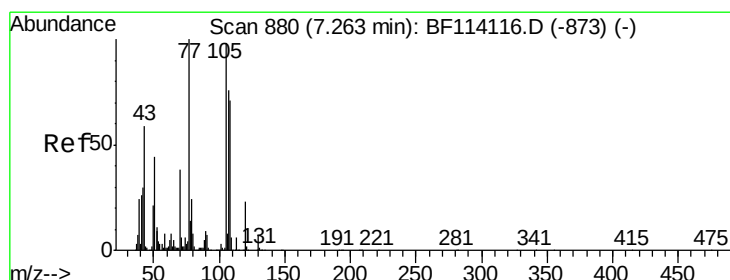
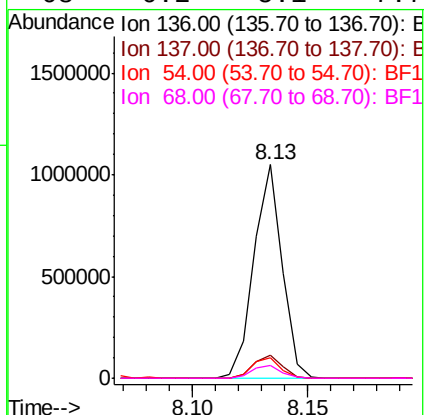
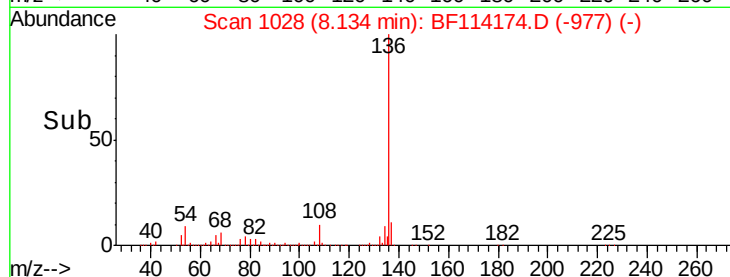
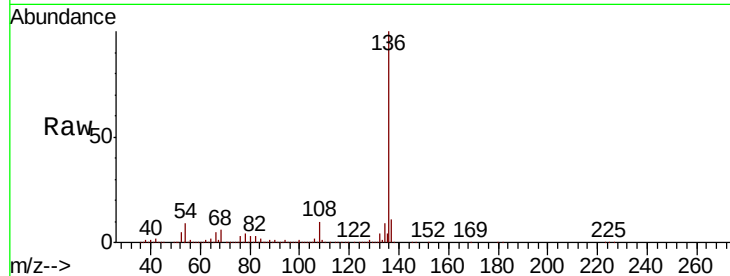
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		896041		
137	10.7		8.8	13.2	
54	9.3		7.8	11.8	
68	6.2		5.1	7.7	

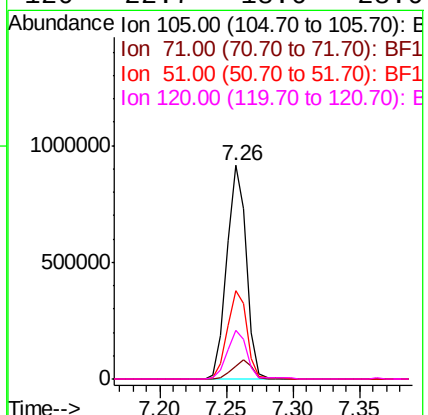
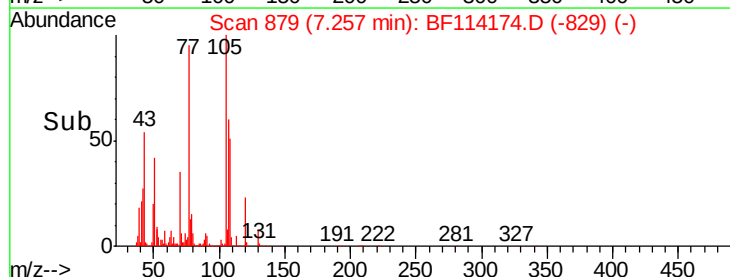
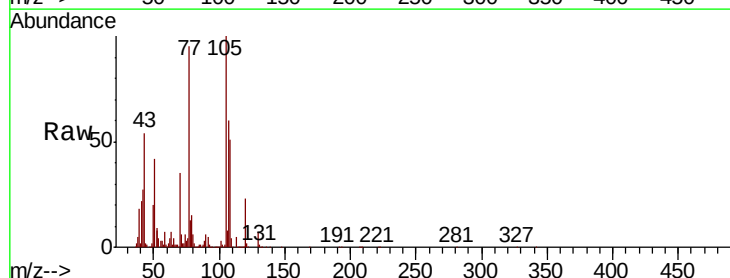
Manual Integrations
APPROVED

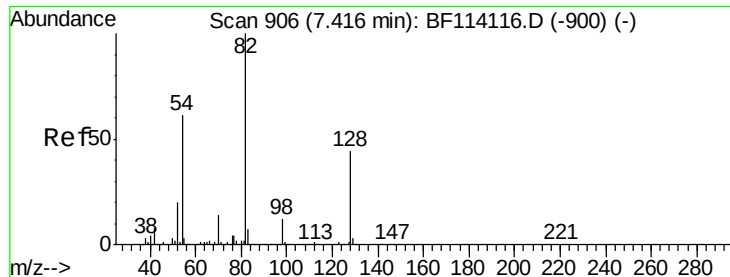
Sohil
5/13/2019 8:36:04 PM



#22
Acetophenone
Concen: 47.657 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		945996		
71	6.3		5.3	7.9	
51	41.6		36.2	54.4	
120	22.7		18.6	28.0	





#23

Nitrobenzene-d5

Concen: 87.868 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

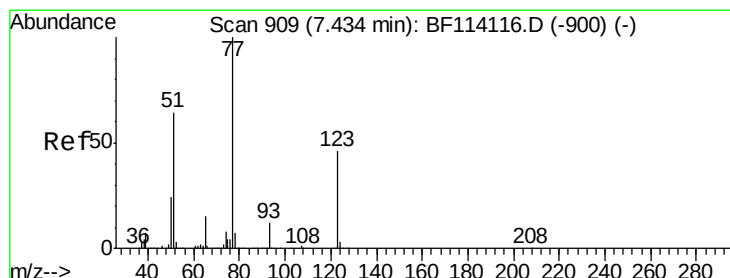
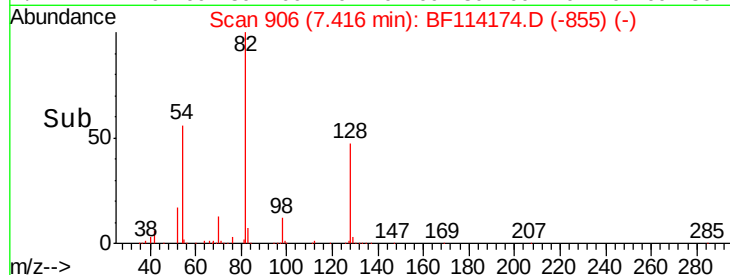
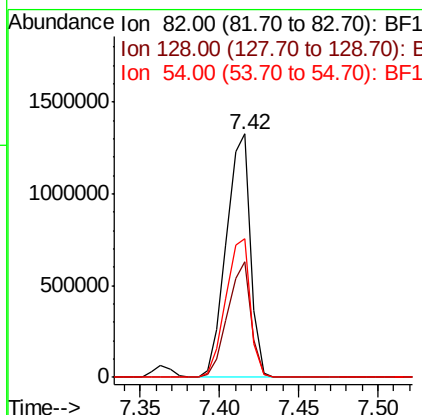
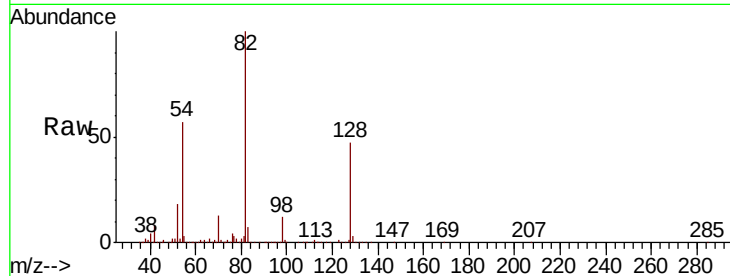
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	82	Resp:	1402946
Ion	Ratio	Lower	Upper
82	100		
128	47.3	35.5	53.3
54	56.8	48.5	72.7

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



#24

Nitrobenzene

Concen: 47.547 ng

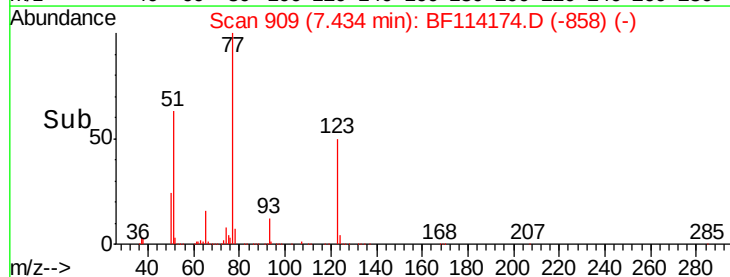
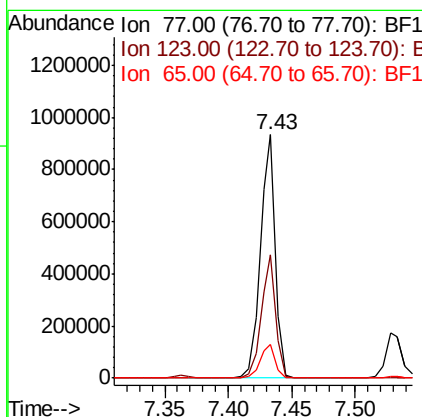
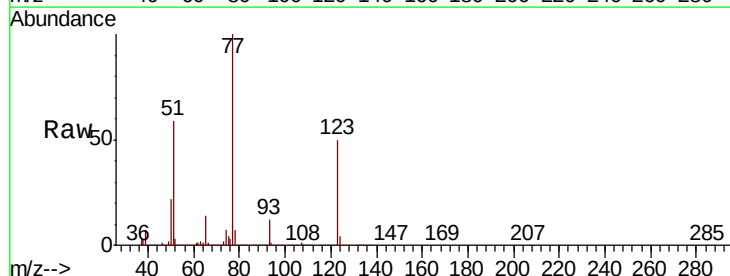
RT: 7.43 min Scan# 909

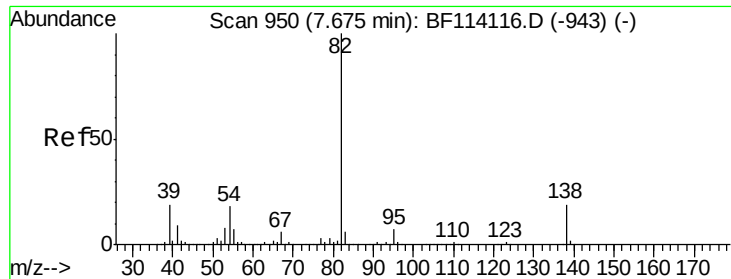
Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Tgt Ion:	77	Resp:	773213
Ion	Ratio	Lower	Upper
77	100		
123	50.4	36.9	55.3
65	14.1	11.8	17.6





#25

Isophorone

Concen: 46.547 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion: 82 Resp: 1378316

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

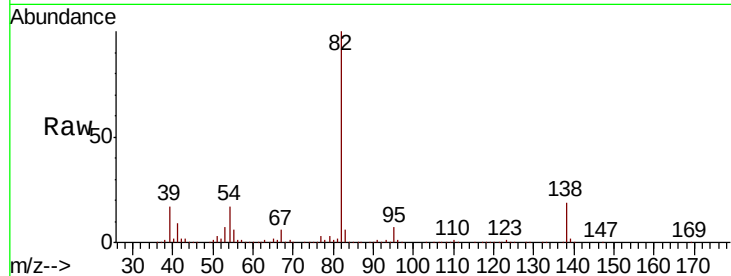
138 19.1 14.8 22.2

Manual Integrations

APPROVED

Sohil

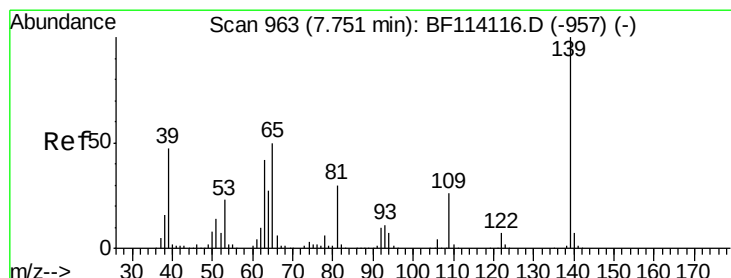
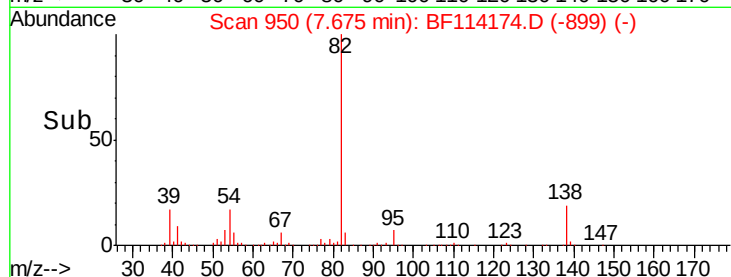
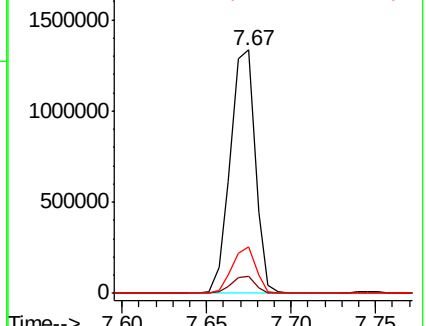
5/13/2019 8:36:04 PM



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



#26

2-Nitrophenol

Concen: 45.498 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

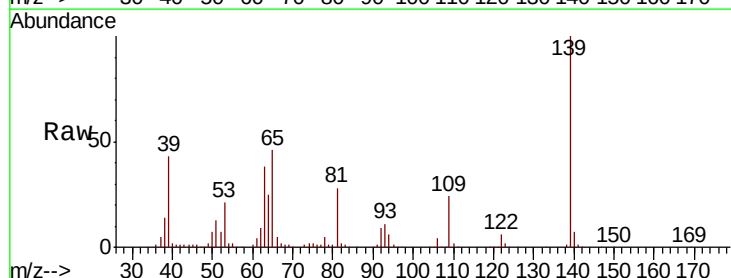
Tgt Ion: 139 Resp: 358969

Ion Ratio Lower Upper

139 100

109 23.6 20.7 31.1

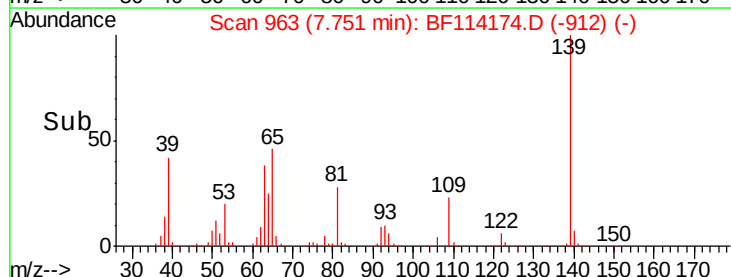
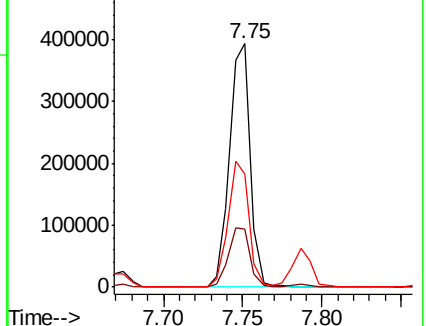
65 46.4 40.2 60.2

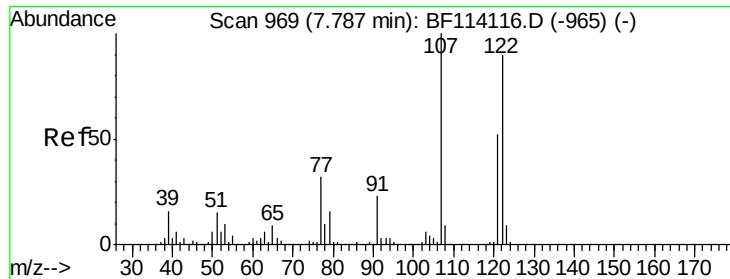


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





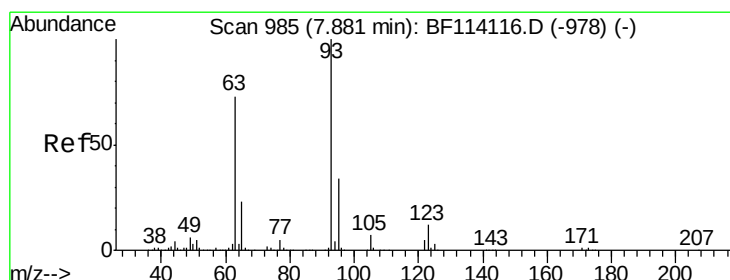
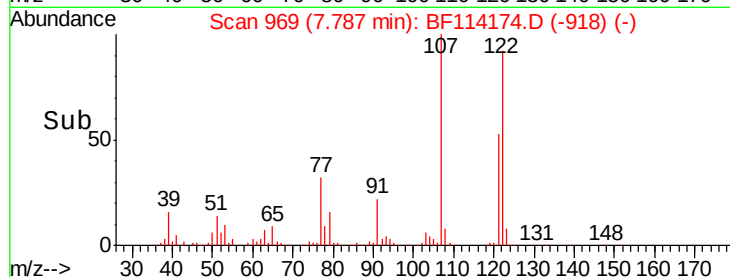
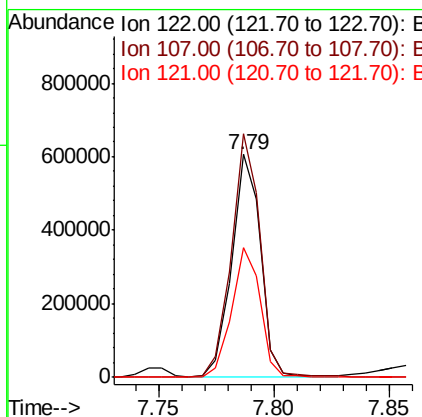
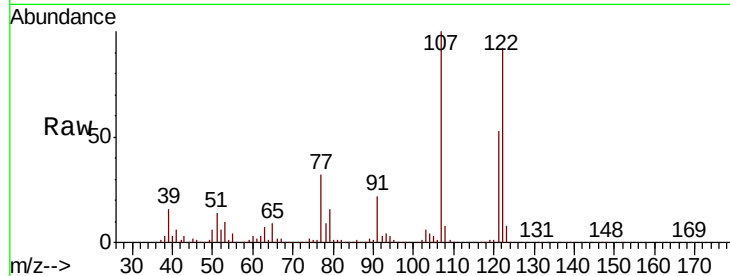
#27
2,4-Dimethylphenol
Concen: 42.597 ng
RT: 7.79 min Scan# 969
Delta R.T. 0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	109.3	88.4	132.6
121	58.1	45.9	68.9

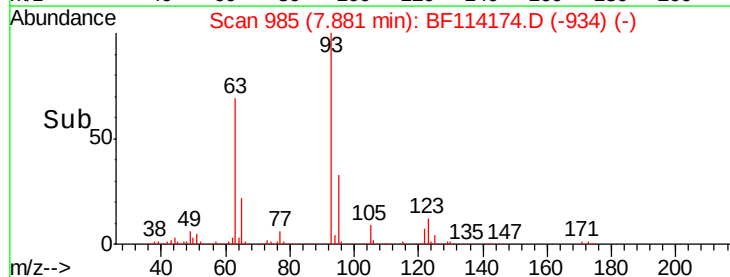
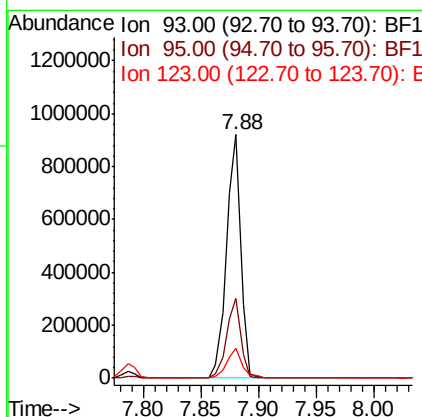
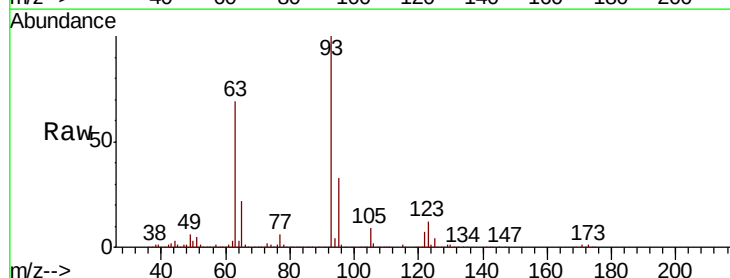
Manual Integrations
APPROVED

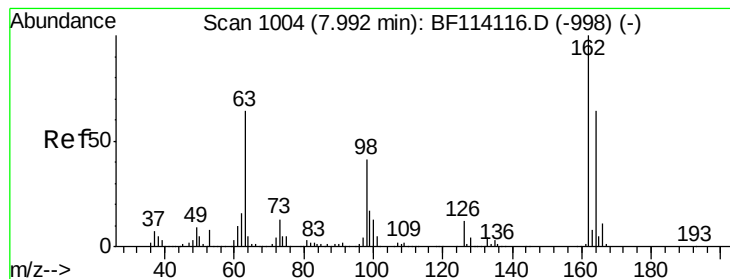
Sohil
5/13/2019 8:36:04 PM



#28
bis(2-Chloroethoxy)methane
Concen: 41.015 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.8	40.2
123	12.0	9.5	14.3





#29

2,4-Dichlorophenol

Concen: 42.056 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

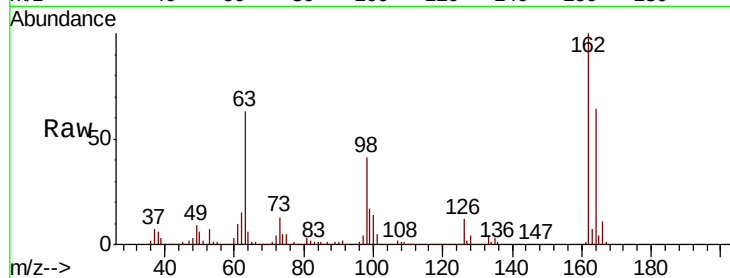
ClientSampleId :

P026-SS006-0002-01MSD

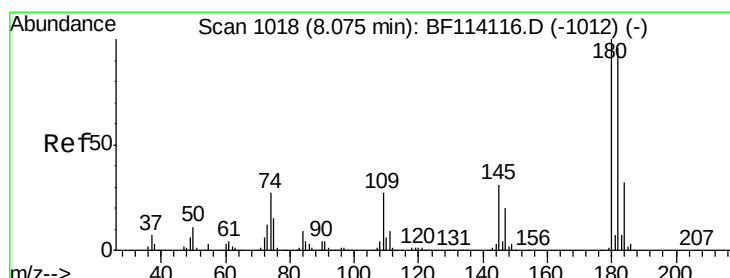
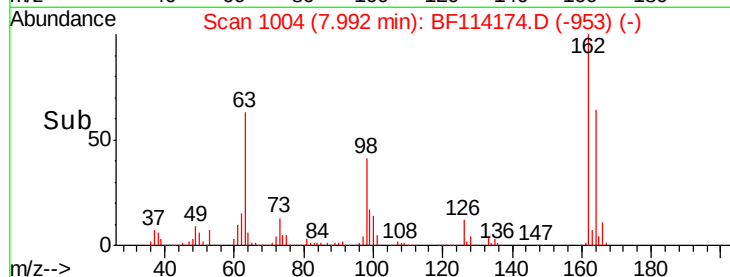
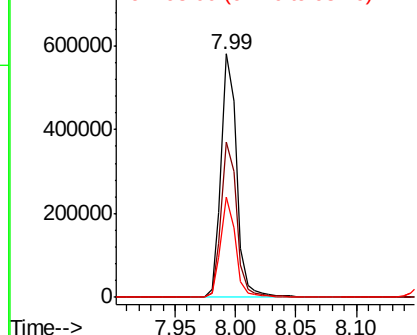
Tot Ion:	162	Resp:	518931
Ion Ratio	Lower	Upper	
162	100		
164	63.9	43.6	83.6
98	41.1	20.6	60.6

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



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



#30

1,2,4-Trichlorobenzene

Concen: 40.391 ng

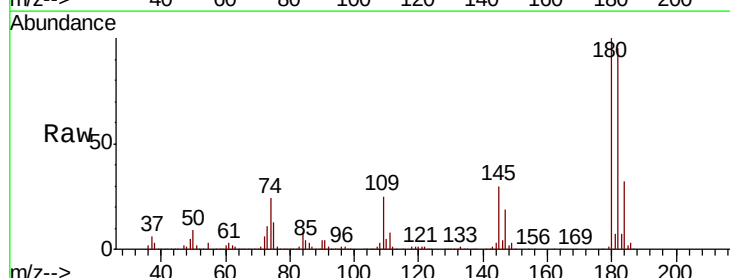
RT: 8.07 min Scan# 1018

Delta R.T. 0.00 min

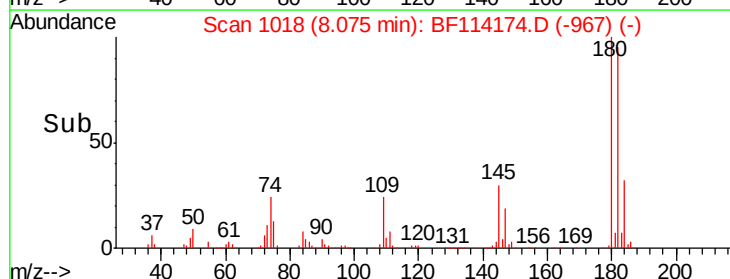
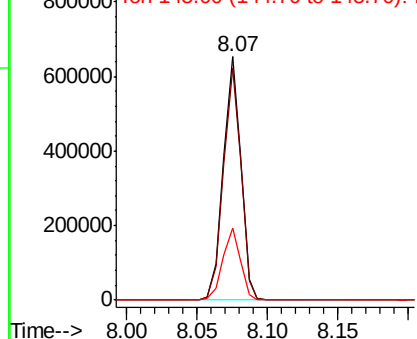
Lab File: BF114174.D

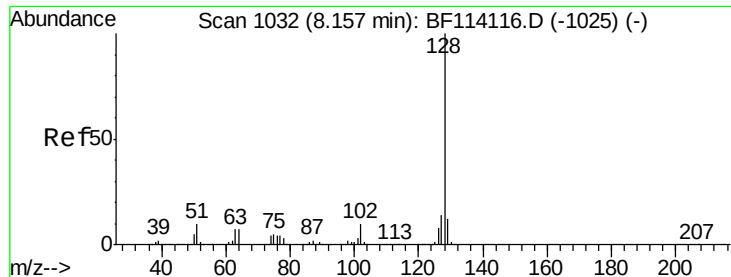
Acq: 12 May 2019 00:53

Tgt Ion:	180	Resp:	566729
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.6	114.8
145	29.6	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





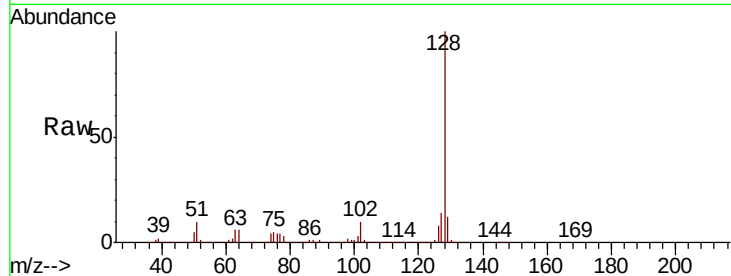
#31
Naphthalene
Concen: 58.414 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.6	14.4
127	14.1	11.3	16.9

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM

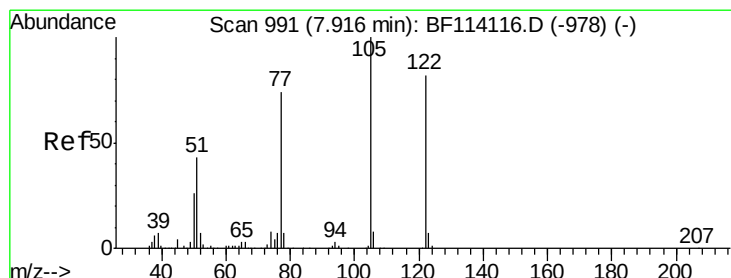
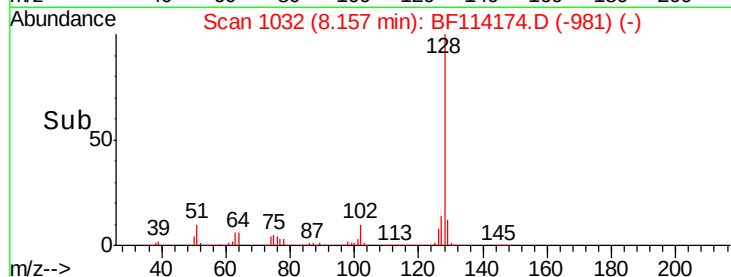
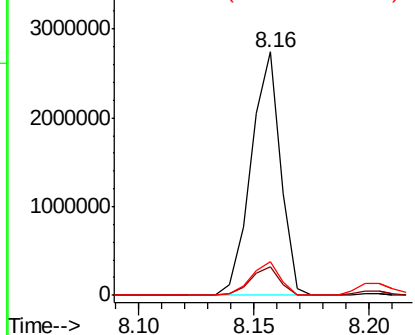


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 29.750 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

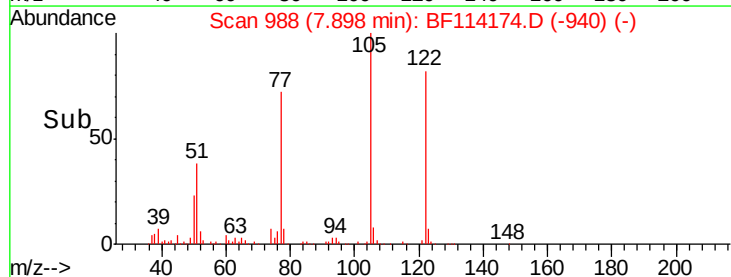
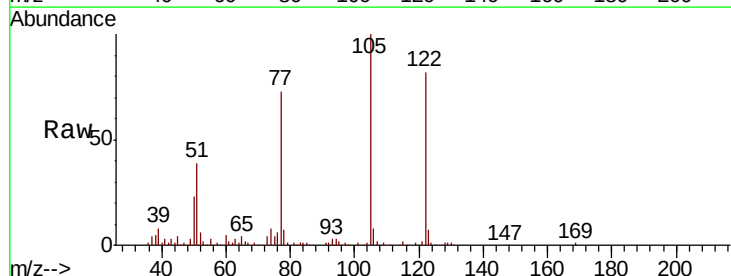
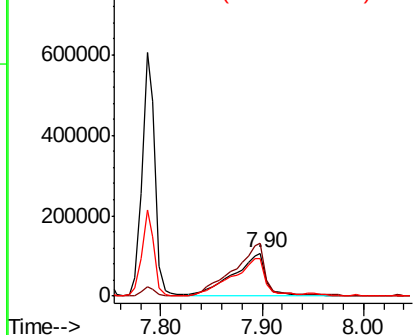
Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.7	99.9	139.9
77	89.0	69.4	109.4

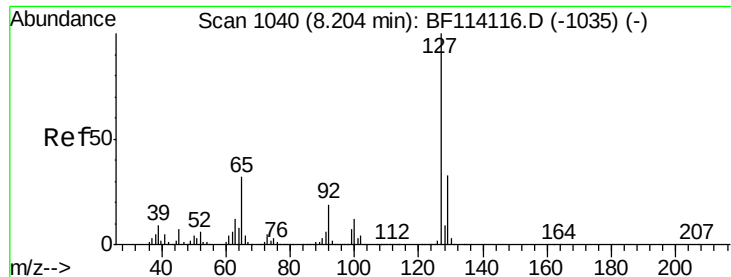
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





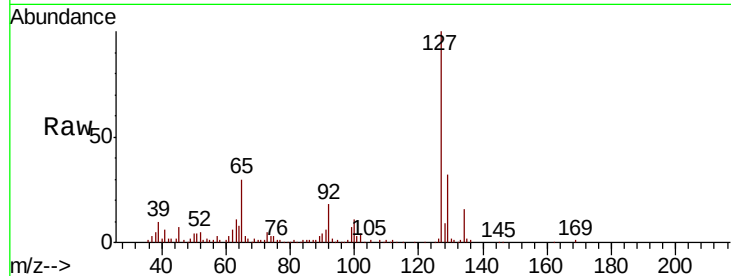
#33
4-Chloroaniline
Concen: 9.130 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

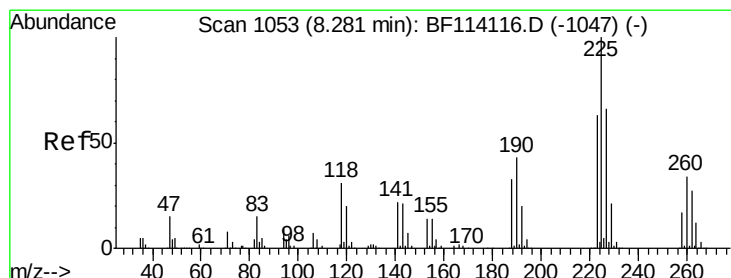
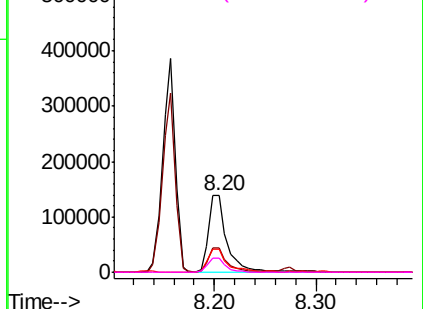
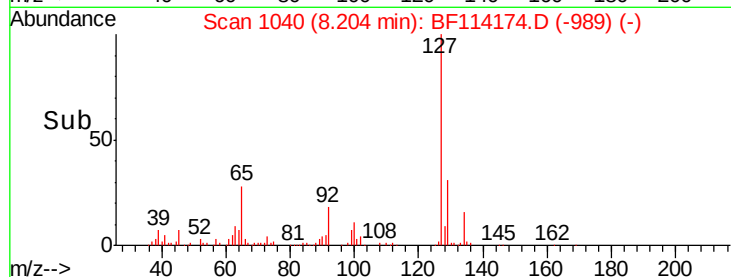
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		174135		
129	32.2	26.7	40.1		
65	29.9	25.4	38.0		
92	18.0	15.4	23.2		

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM

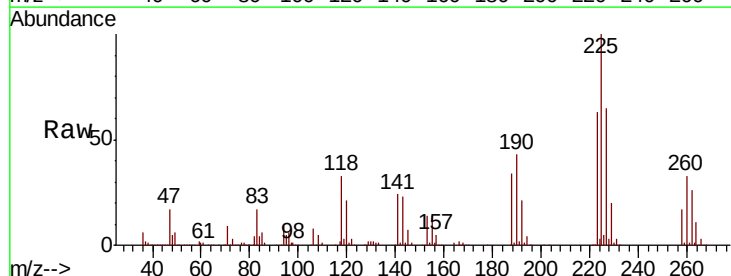


Abundance Ion 127.00 (126.70 to 127.70): E
600000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

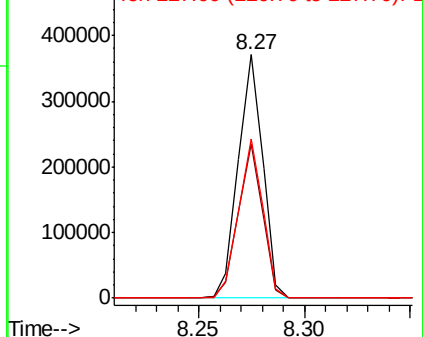
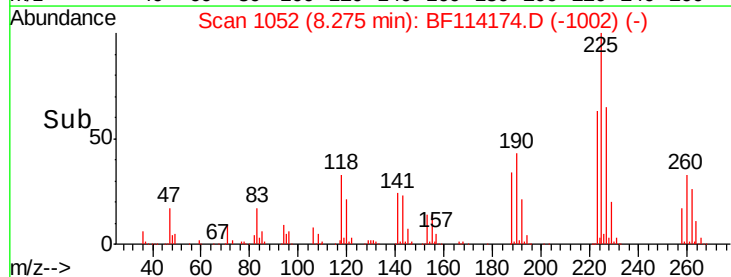


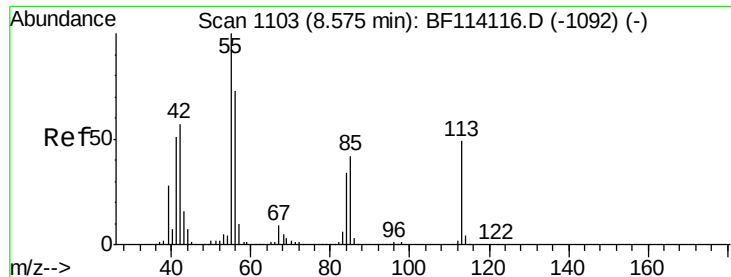
#34
Hexachlorobutadiene
Concen: 37.282 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		297640		
223	63.3	50.2	75.2		
227	65.4	52.6	79.0		



Abundance Ion 225.00 (224.70 to 225.70): E
500000
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 32.757 ng/ml

RT: 8.58 min Scan# 1104

Delta R.T. 0.01 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

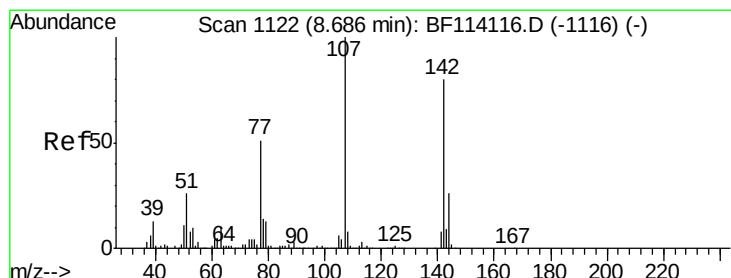
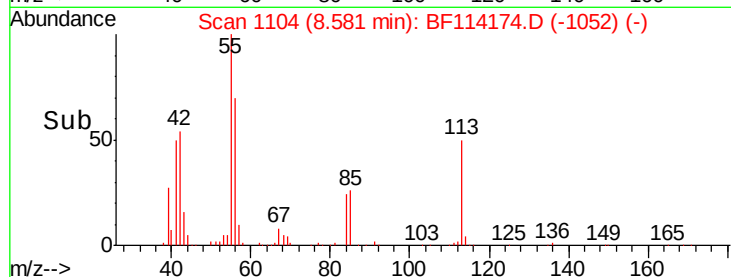
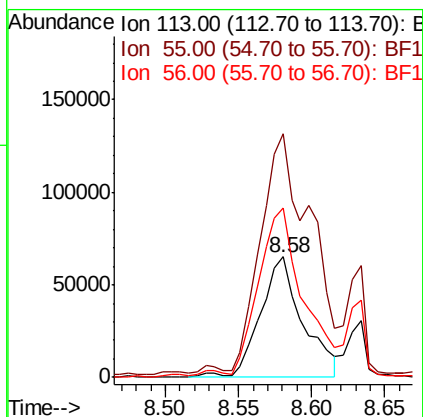
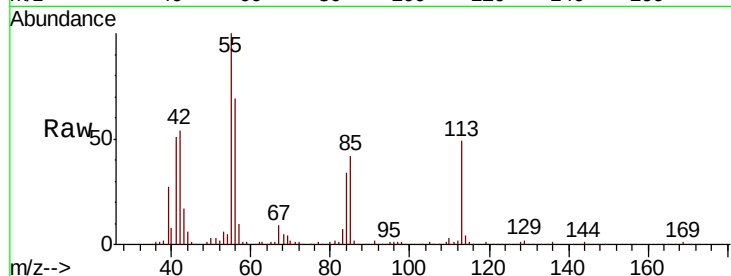
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	113	Resp:	131793
Ion Ratio	Lower	Upper	
113	100		
55	202.2	183.5	223.5
56	140.4	128.8	168.8

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



#36

4-Chloro-3-methylphenol

Concen: 43.861 ng/ml

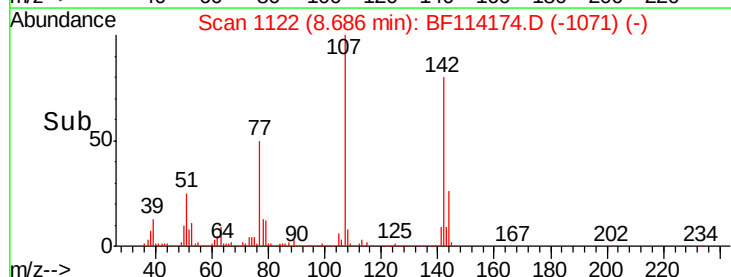
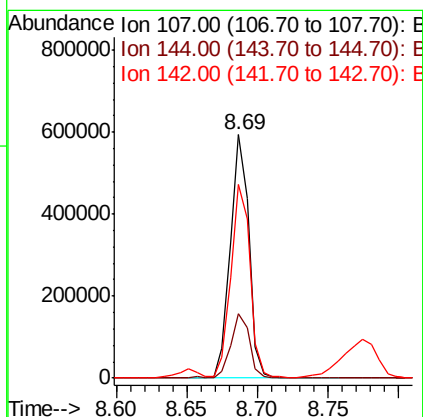
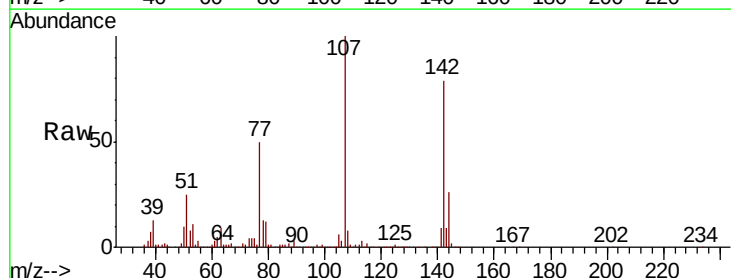
RT: 8.69 min Scan# 1122

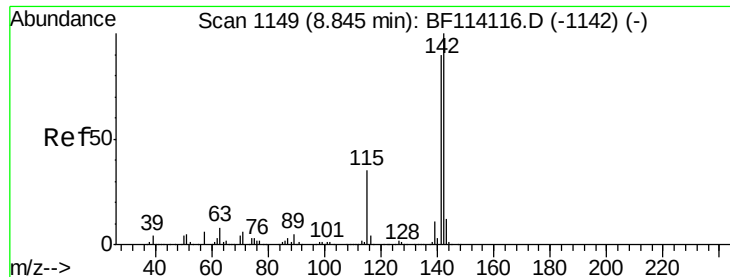
Delta R.T. -0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Tgt Ion:	107	Resp:	544767
Ion Ratio	Lower	Upper	
107	100		
144	26.4	20.4	30.6
142	79.5	64.2	96.4





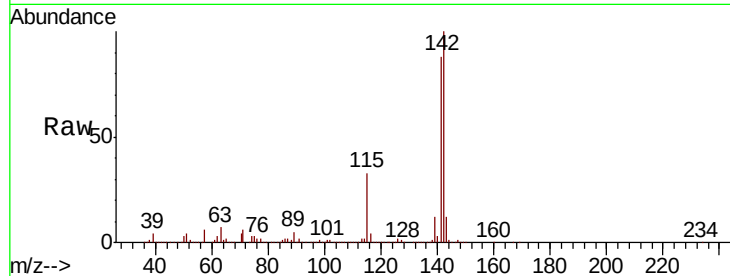
#37
2-Methylnaphthalene
Concen: 53.384 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.1	108.1
115	33.3	28.0	42.0

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM

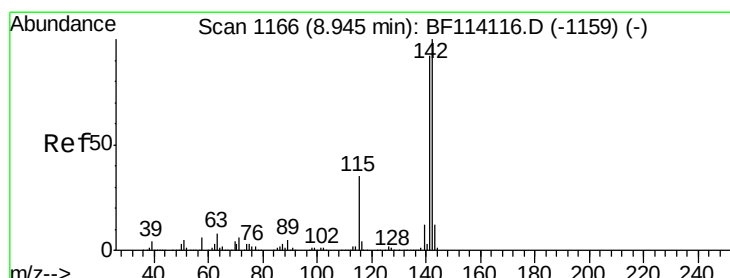
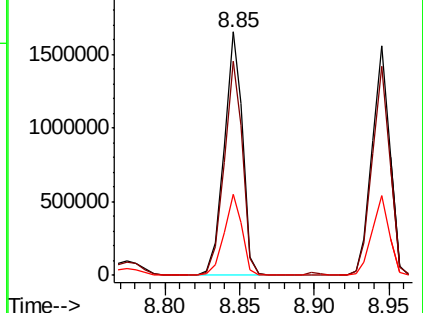
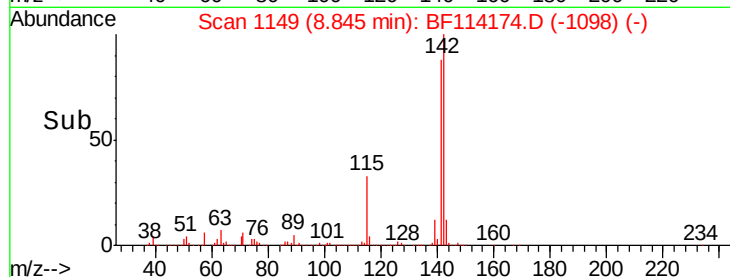


Abundance

Ion 142.00 (141.70 to 142.70): E

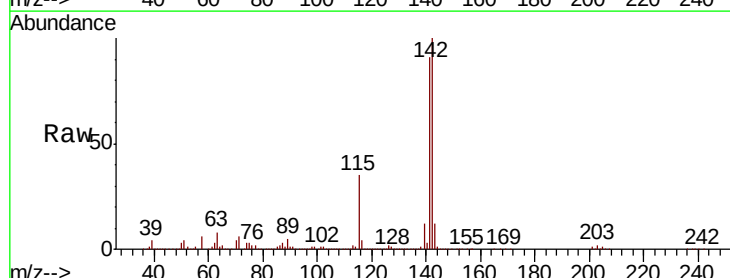
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 50.132 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	73.4	110.0
116	3.5	3.1	4.7

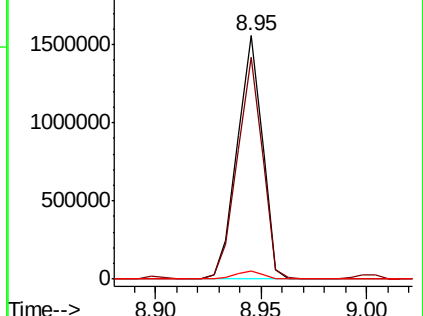
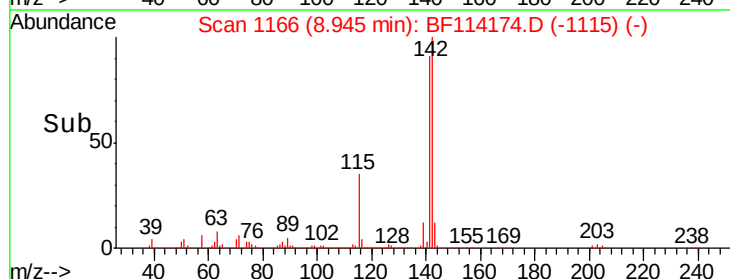


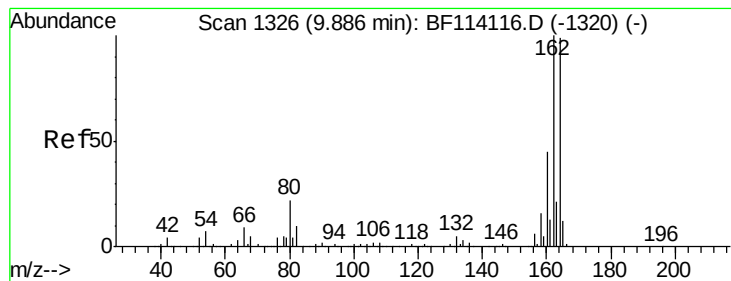
Abundance

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# 1326

Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

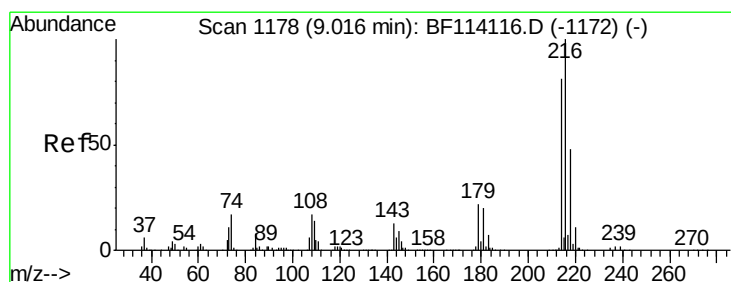
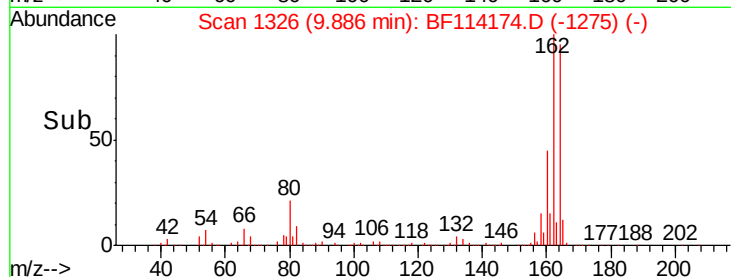
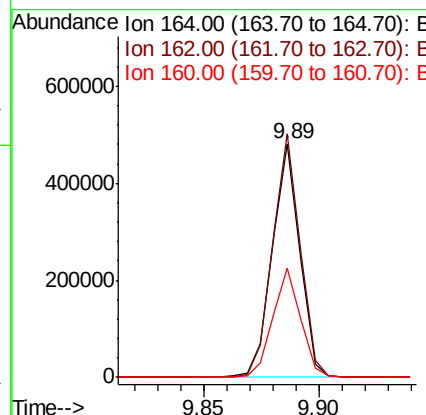
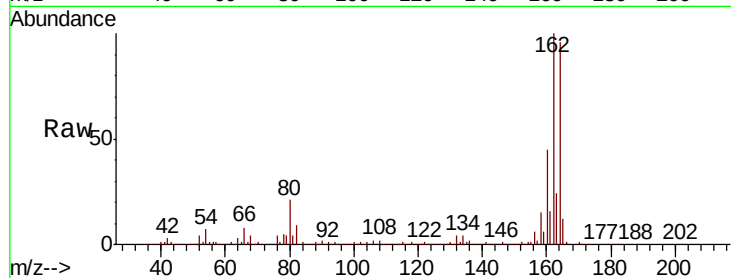
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	164	Resp:	398220
Ion Ratio	Lower	Upper	
164	100		
162	104.3	80.6	120.8
160	46.5	36.5	54.7

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.292 ng

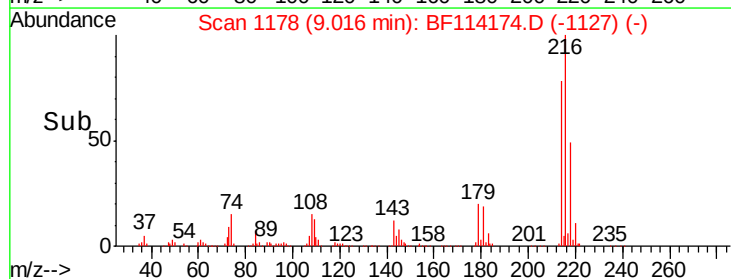
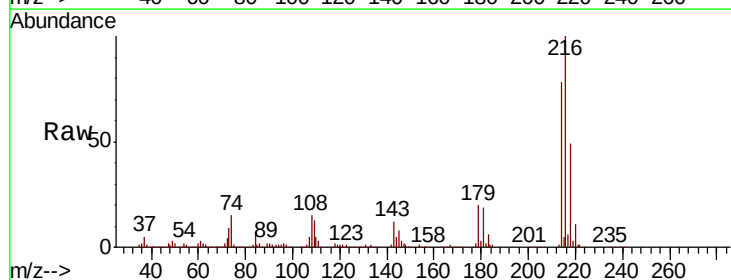
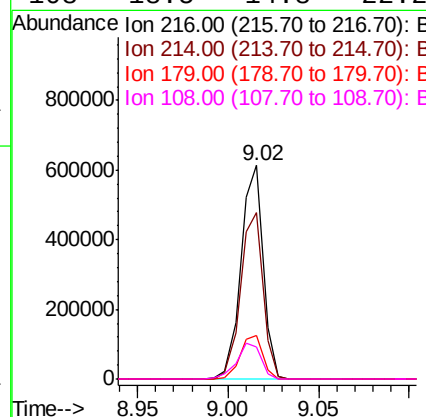
RT: 9.02 min Scan# 1178

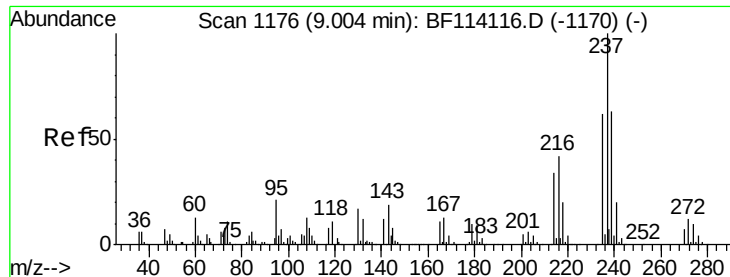
Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Tgt Ion:	216	Resp:	522226
Ion Ratio	Lower	Upper	
216	100		
214	79.2	63.9	95.9
179	21.1	17.0	25.6
108	18.5	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 36.980 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

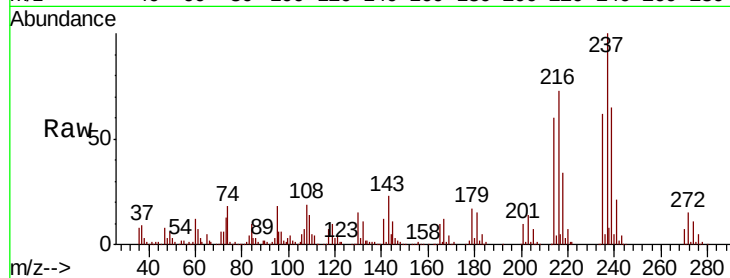
ClientSampleId :

P026-SS006-0002-01MSD

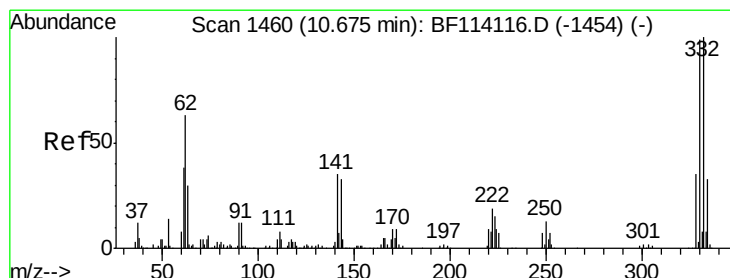
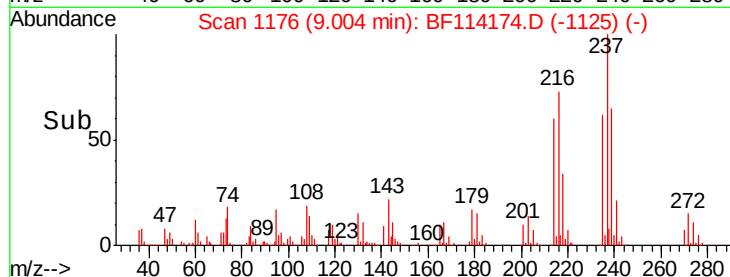
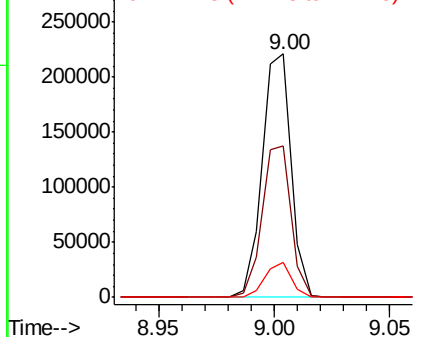
Tot Ion:	237	Resp:	194010
Ion Ratio		Lower	Upper
237	100		
235	62.2	42.0	82.0
272	14.6	0.0	32.4

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



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



#42

2,4,6-Tribromophenol

Concen: 96.503 ng

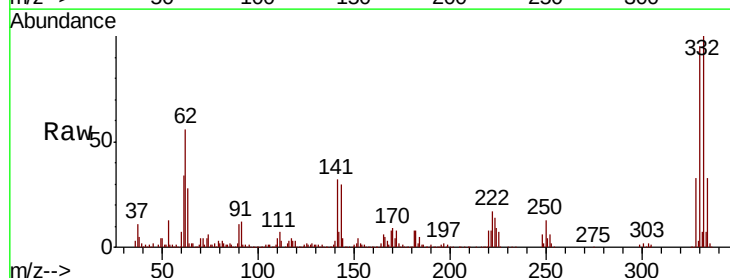
RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

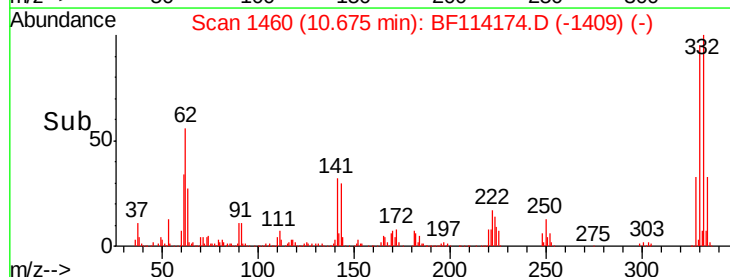
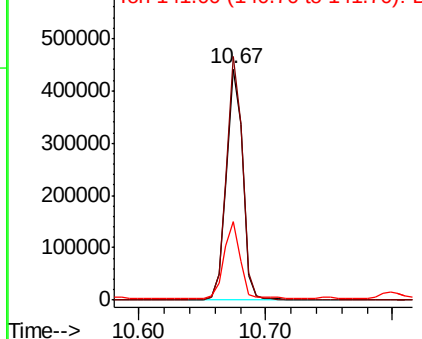
Lab File: BF114174.D

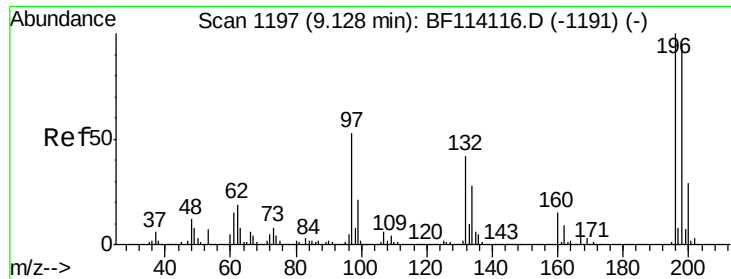
Acq: 12 May 2019 00:53

Tgt Ion:	330	Resp:	397297
Ion Ratio		Lower	Upper
330	100		
332	103.0	81.4	122.2
141	33.8	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





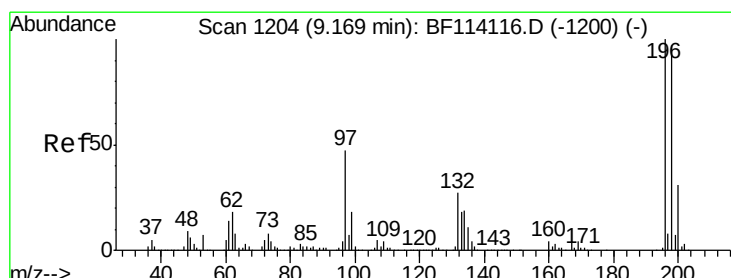
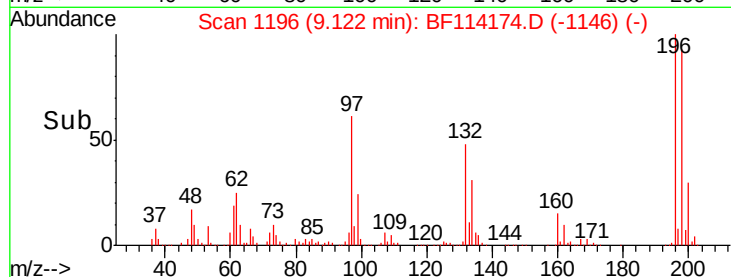
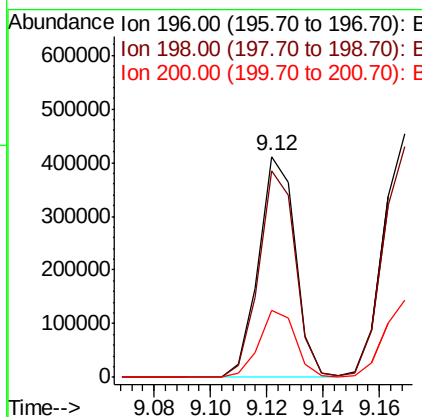
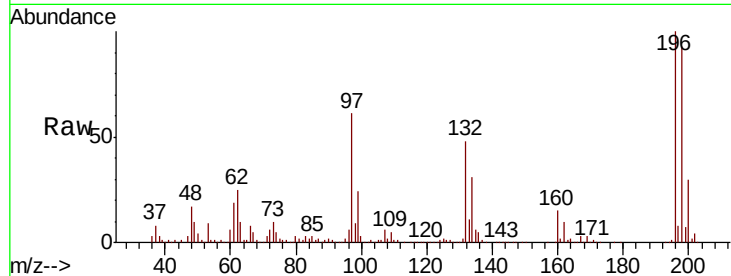
#43
 2,4,6-Trichlorophenol
 Concen: 44.779 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	371542		
198	93.4	75.9	113.9	
200	30.1	23.5	35.3	

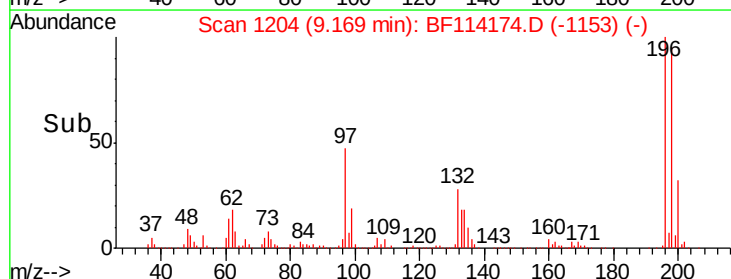
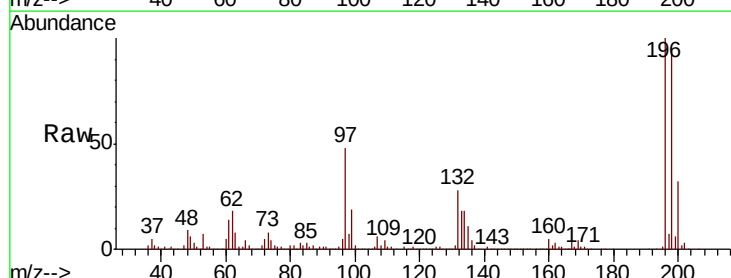
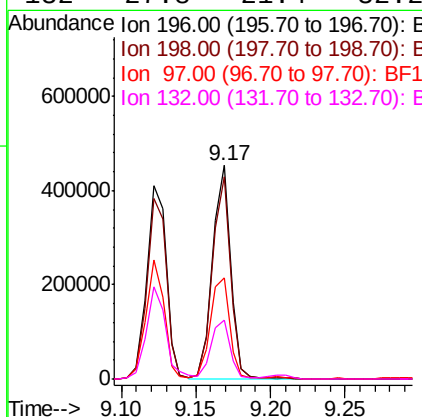
Manual Integrations
 APPROVED

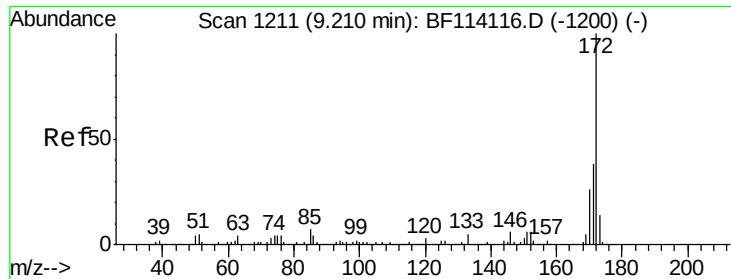
Sohil
 5/13/2019 8:36:04 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.225 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	384831		
198	95.0	77.7	116.5	
97	47.6	38.2	57.2	
132	27.8	21.4	32.2	





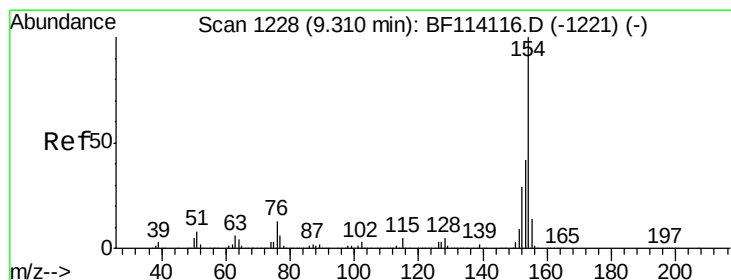
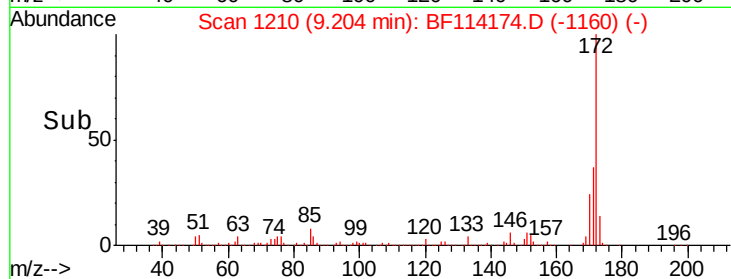
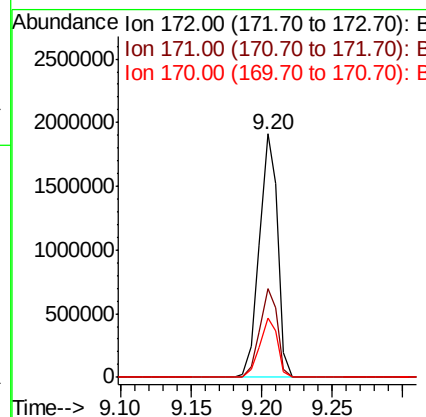
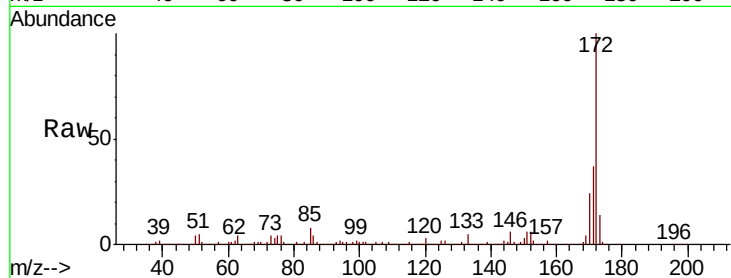
#45
2-Fluorobiphenyl
Concen: 66.495 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	30.7	46.1	
170	24.3	20.5	30.7	

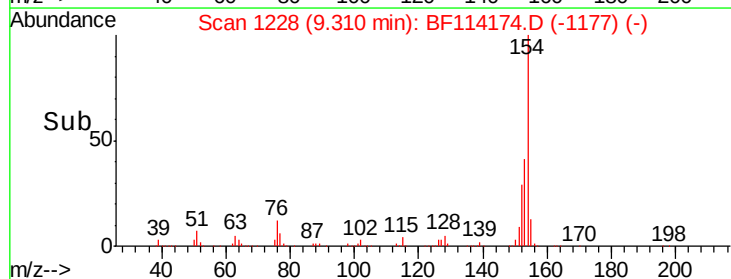
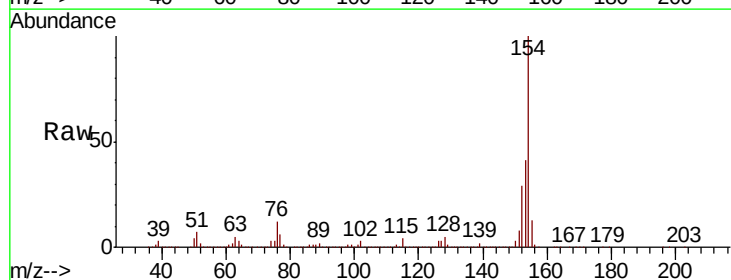
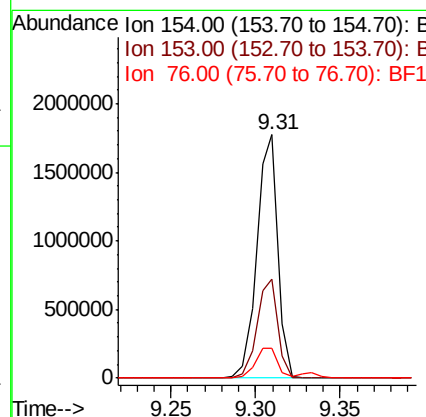
Manual Integrations
APPROVED

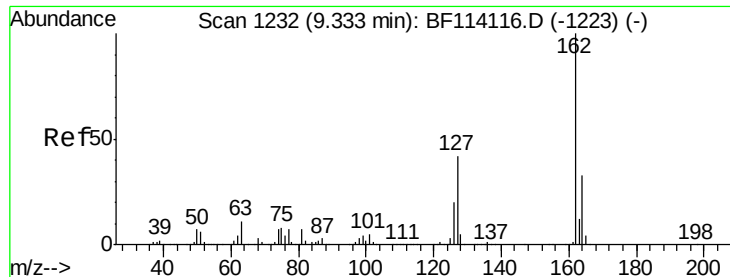
Sohil
5/13/2019 8:36:04 PM



#46
1,1'-Biphenyl
Concen: 47.696 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.8	21.9	61.9	
76	12.0	0.0	32.8	





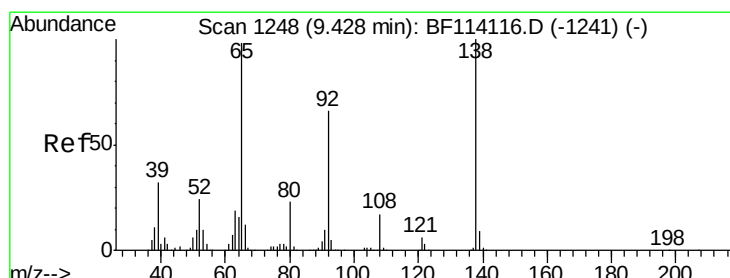
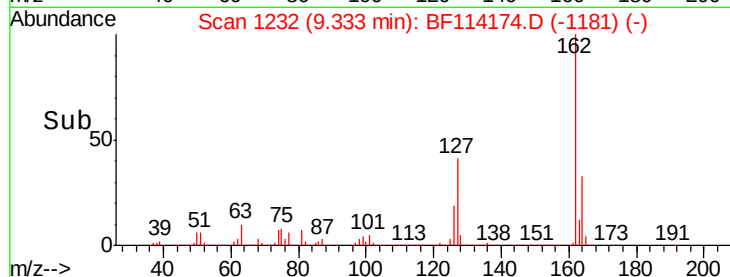
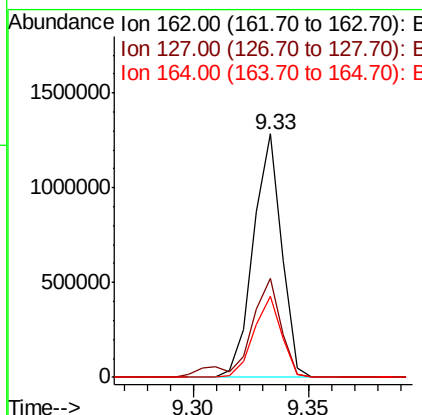
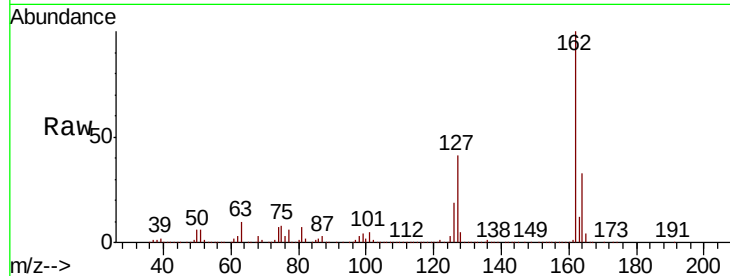
#47
 2-Chloronaphthalene
 Concen: 42.520 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.00 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	34.0	51.0
164	33.2	26.7	40.1

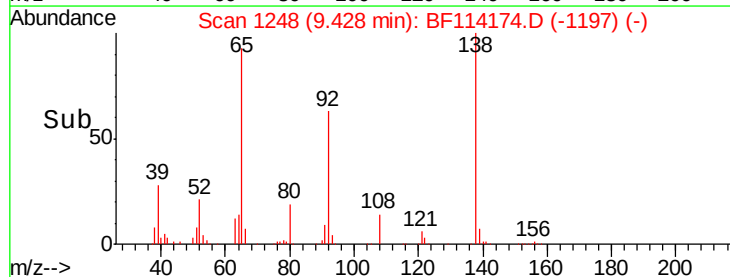
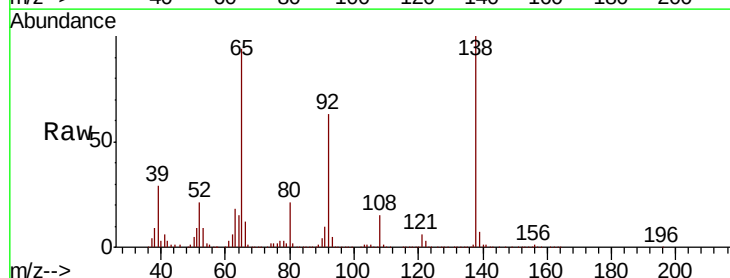
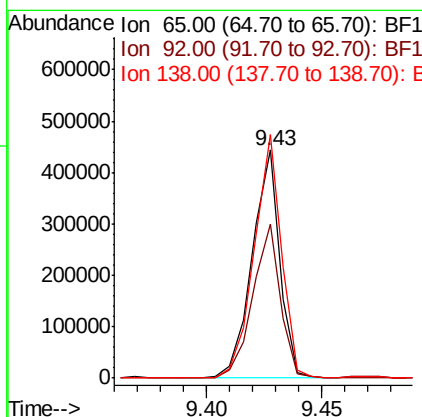
Manual Integrations
 APPROVED

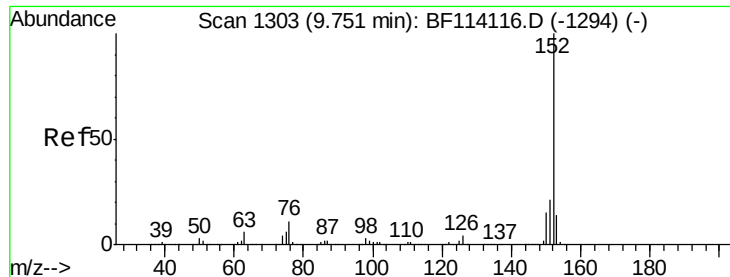
Sohil
 5/13/2019 8:36:04 PM



#48
 2-Nitroaniline
 Concen: 40.143 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.7	53.9	80.9
138	106.9	81.4	122.0





#49

Acenaphthylene

Concen: 69.071 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:152 Resp: 2719876

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

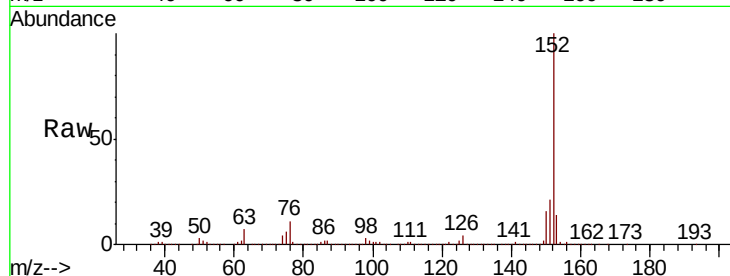
153 14.3 11.4 17.2

Manual Integrations

APPROVED

Sohil

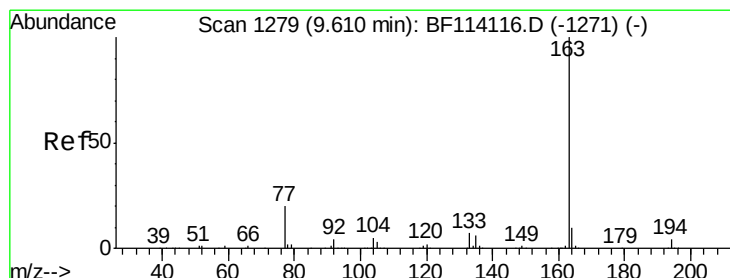
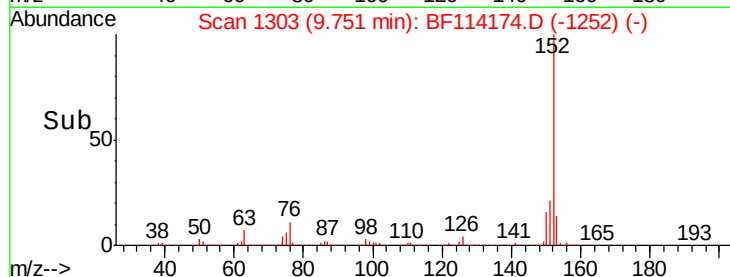
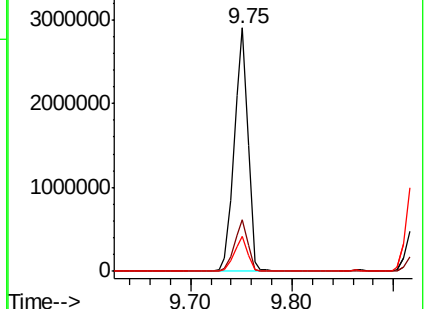
5/13/2019 8:36:04 PM



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



#50

Dimethylphthalate

Concen: 52.597 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

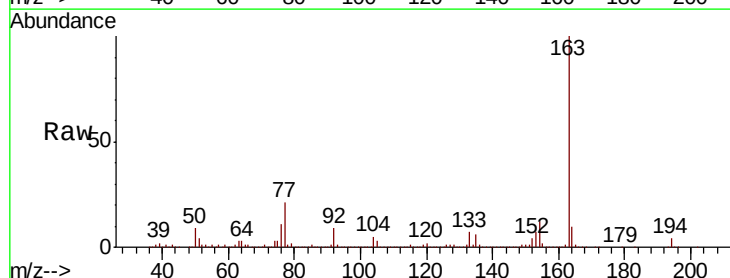
Tgt Ion:163 Resp: 1537566

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.0

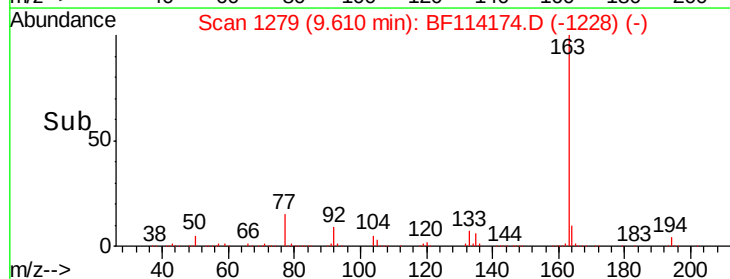
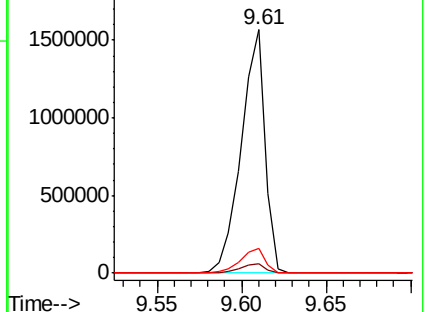
164 10.2 8.2 12.2

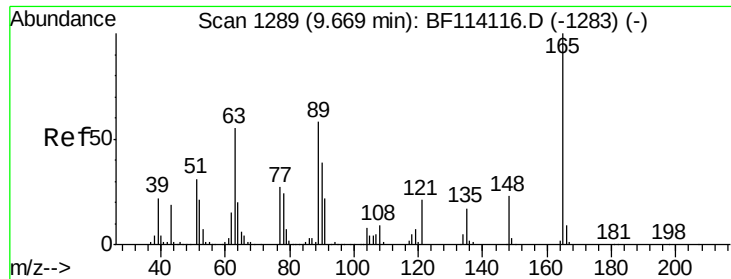


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 45.194 ng

RT: 9.67 min Scan# 1289

Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:165 Resp: 293034

Ion Ratio Lower Upper

165 100

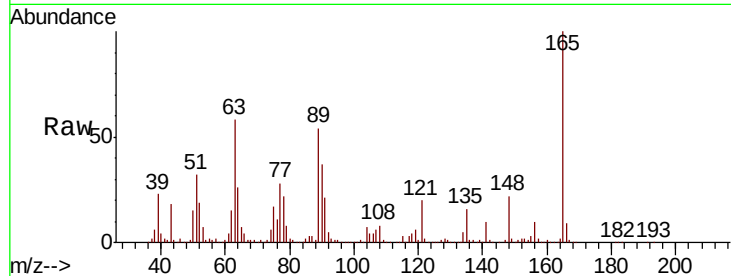
63 57.6 50.2 75.4

89 53.7 46.6 69.8

Manual Integrations
APPROVED

Sohil

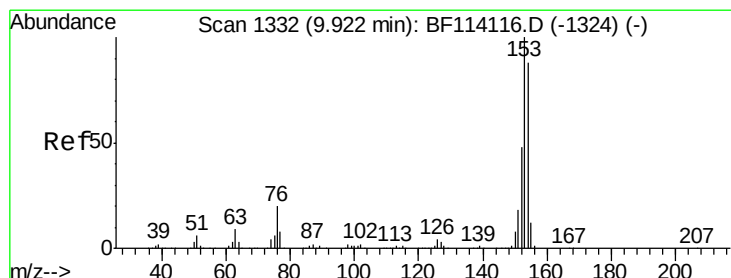
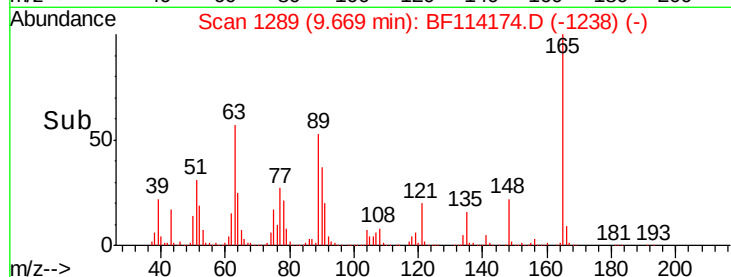
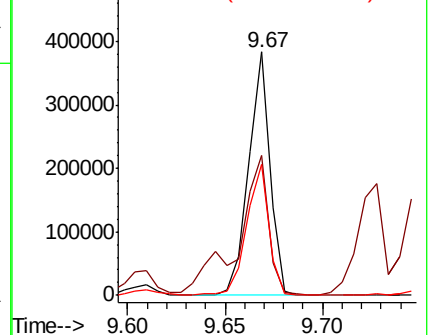
5/13/2019 8:36:04 PM



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



#52

Acenaphthene

Concen: 41.045 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

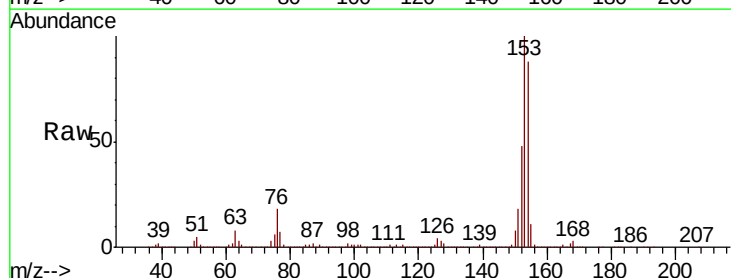
Tgt Ion:154 Resp: 991825

Ion Ratio Lower Upper

154 100

153 113.1 90.5 135.7

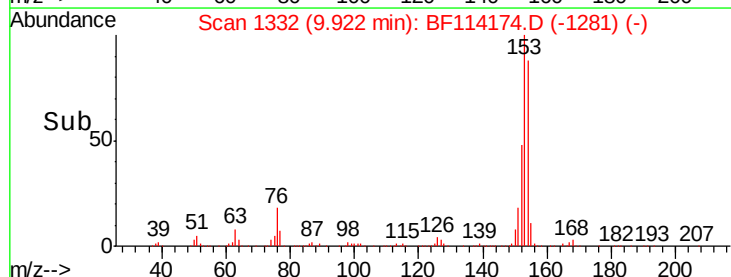
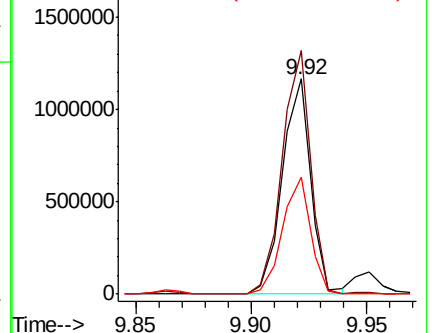
152 54.1 43.4 65.2

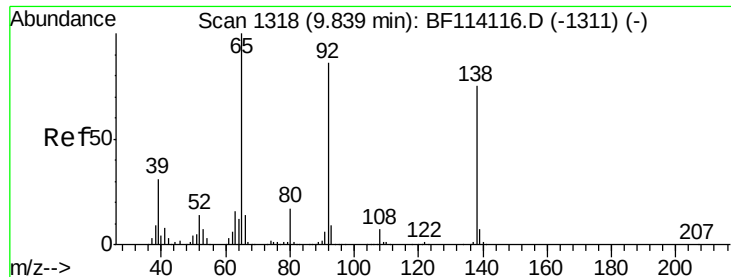


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 17.452 ng

RT: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

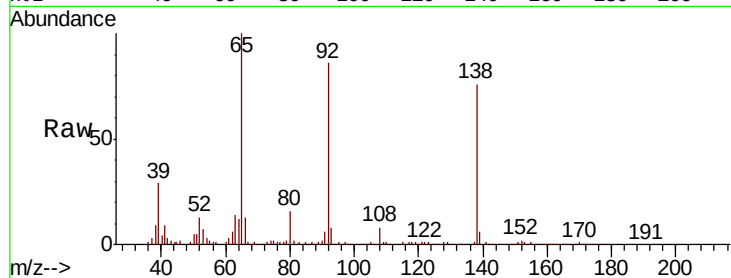
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	138	Resp:	140466
Ion Ratio	Lower	Upper	
138	100		
108	10.7	7.8	11.6
92	112.5	91.2	136.8

Manual Integrations
APPROVED

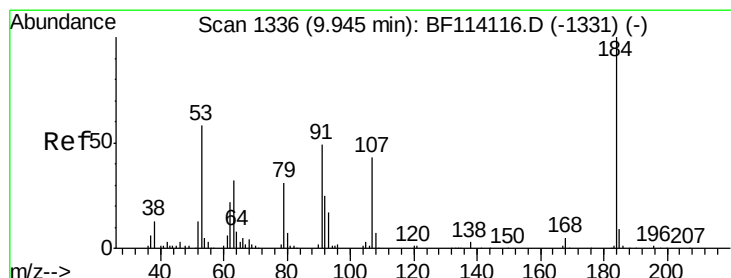
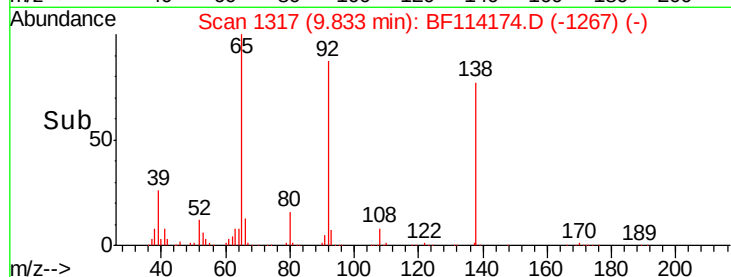
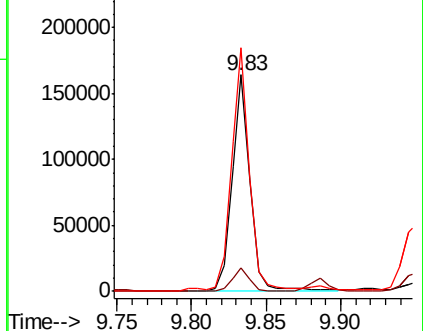
Sohil
5/13/2019 8:36:04 PM



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



#54

2,4-Dinitrophenol

Concen: 62.137 ng

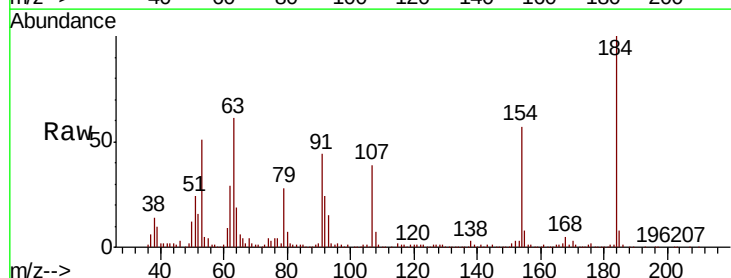
RT: 9.95 min Scan# 1337

Delta R.T. 0.01 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

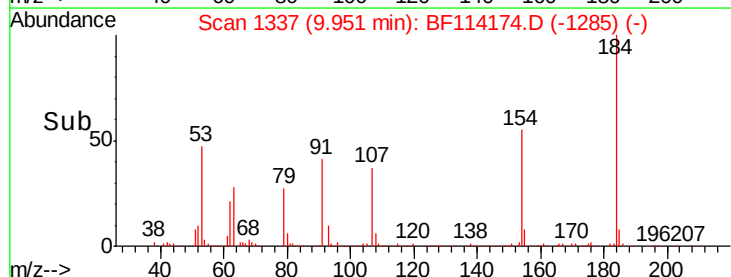
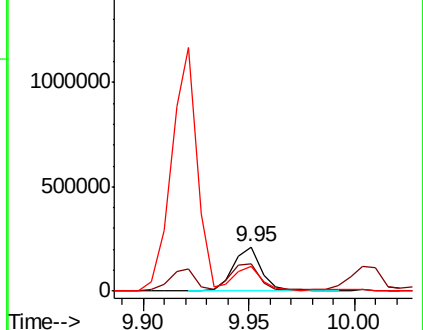
Tgt Ion:	184	Resp:	197223
Ion Ratio	Lower	Upper	
184	100		
63	60.7	55.6	83.4
154	56.6	46.0	69.0

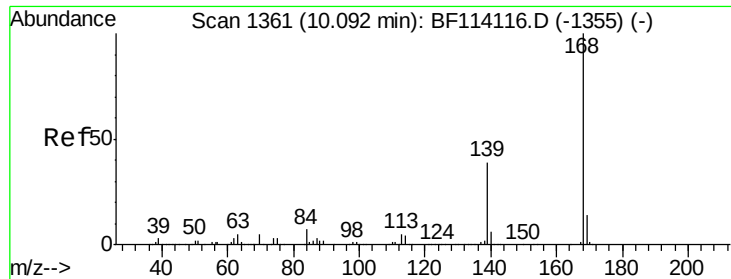


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





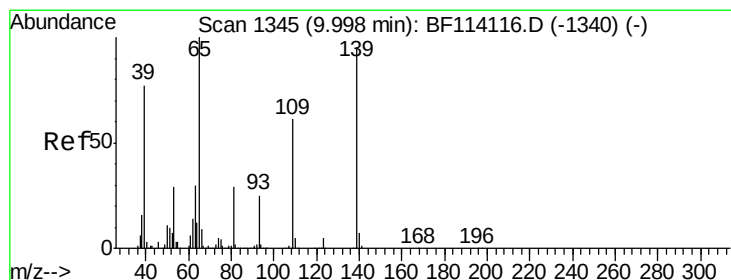
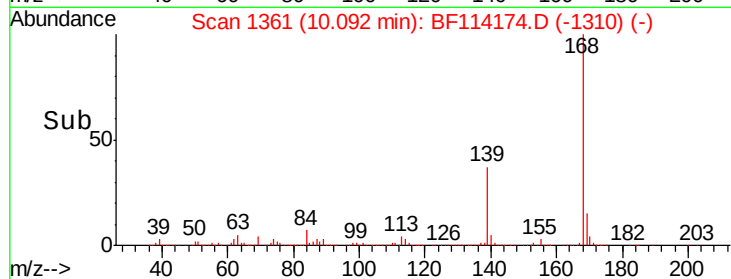
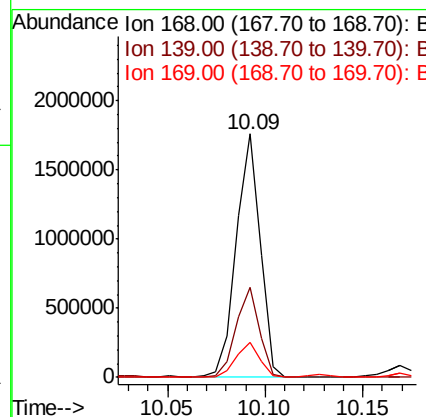
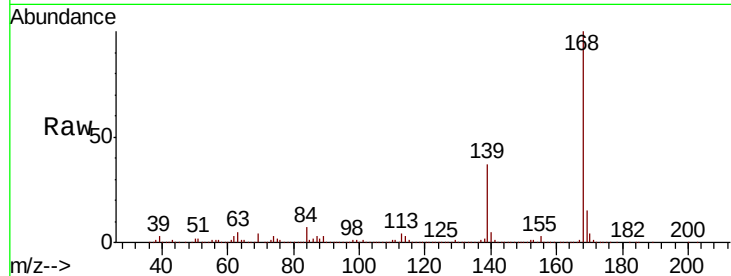
#55
Dibenzofuran
Concen: 42.185 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	31.1	46.7
169	14.5	11.4	17.0

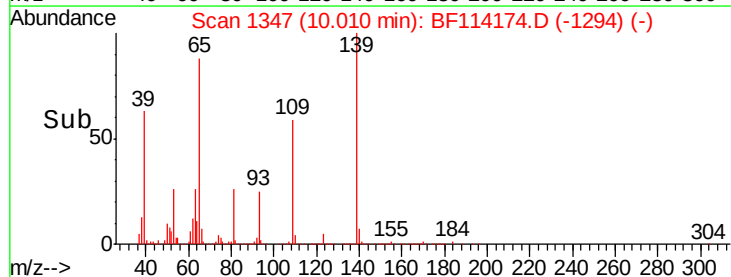
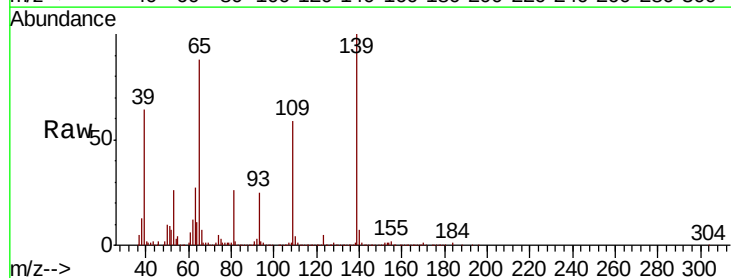
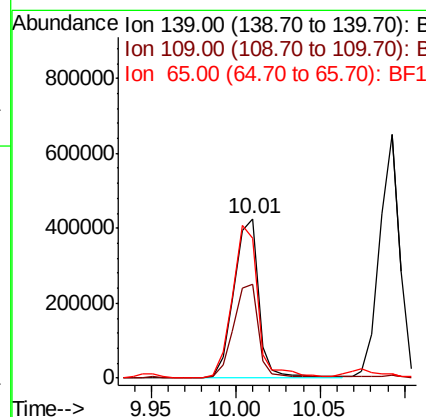
Manual Integrations
APPROVED

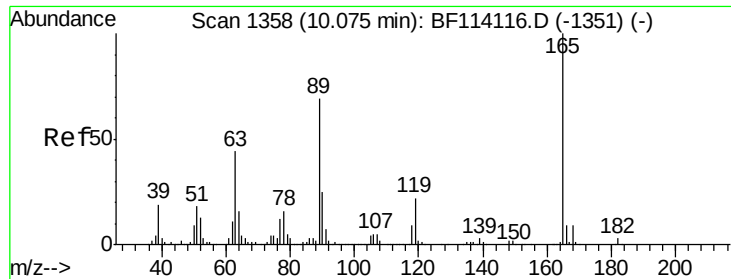
Sohil
5/13/2019 8:36:04 PM



#56
4-Nitrophenol
Concen: 76.179 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.1	43.9	83.9
65	88.0	85.7	125.7





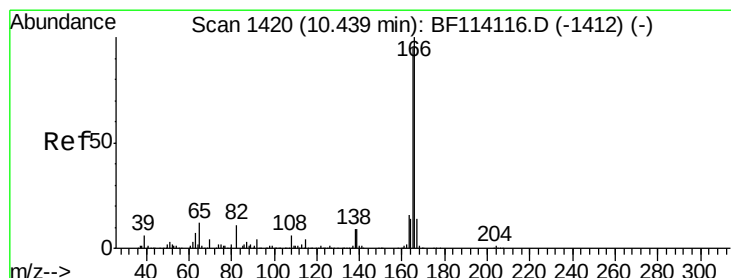
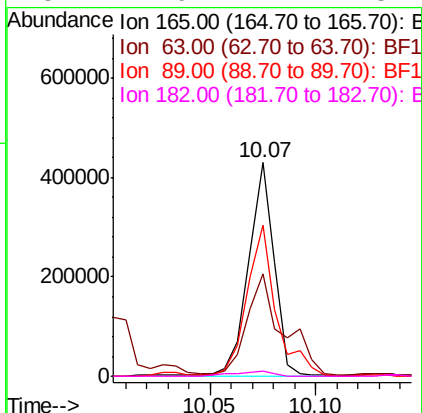
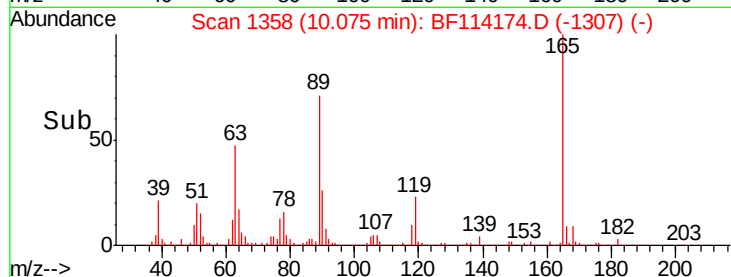
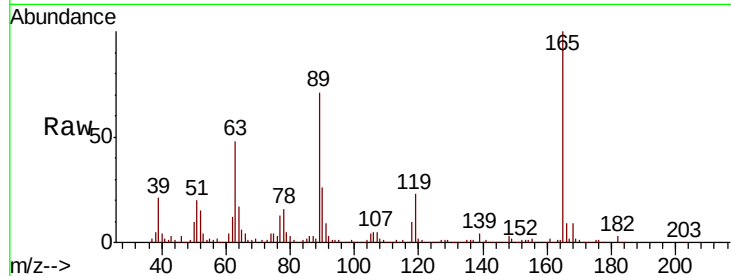
#57
2,4-Dinitrotoluene
Concen: 41.329 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	35.5	53.3
89	70.9	55.2	82.8
182	2.6	2.2	3.2

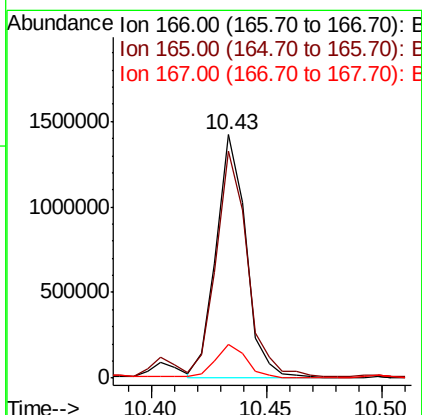
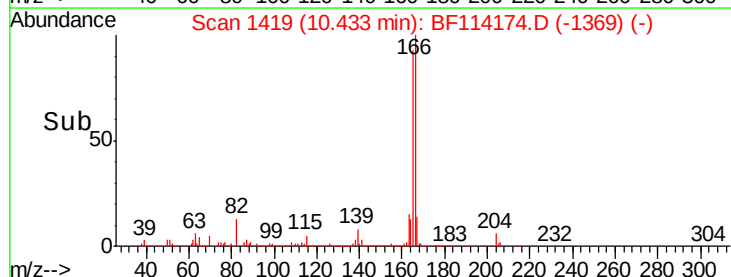
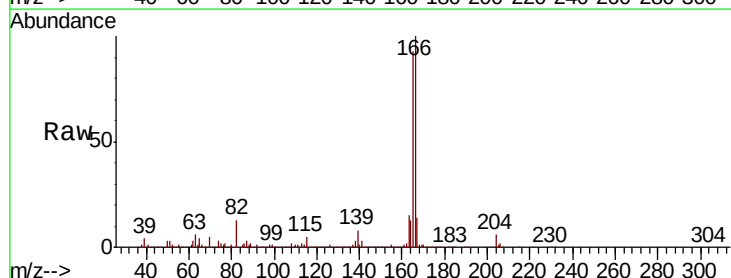
Manual Integrations
APPROVED

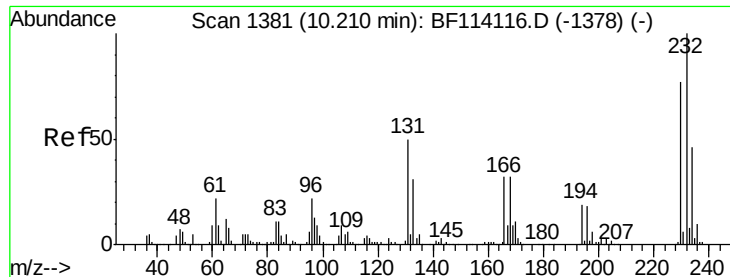
Sohil
5/13/2019 8:36:04 PM



#58
Fluorene
Concen: 46.301 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.1	76.1	114.1
167	13.8	11.1	16.7





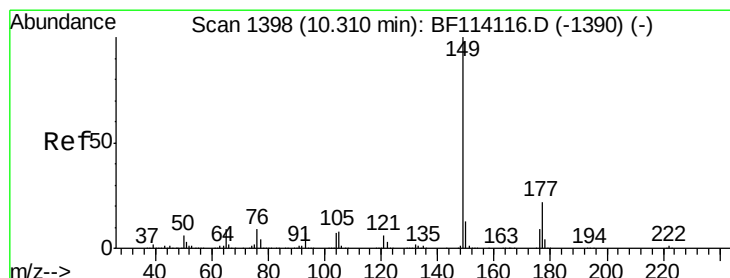
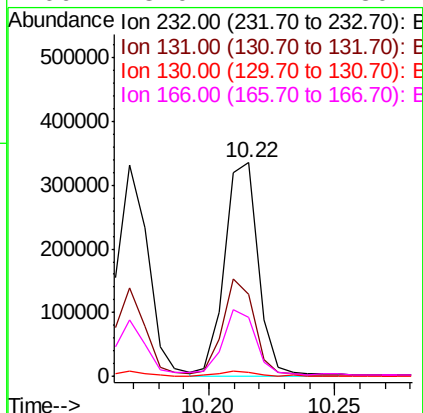
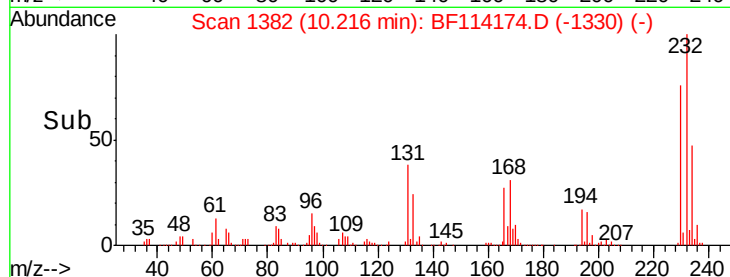
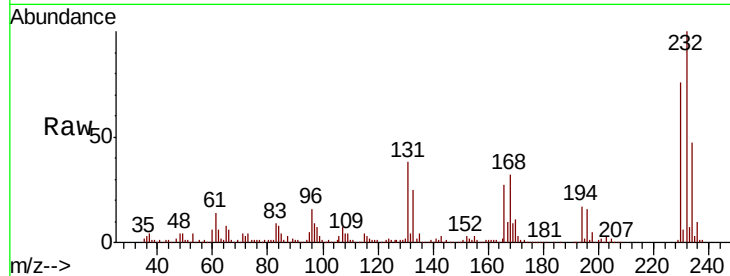
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.810 ng m
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	37.0	35.6	53.4
130	2.0	1.6	2.4
166	23.0	24.1	36.1#

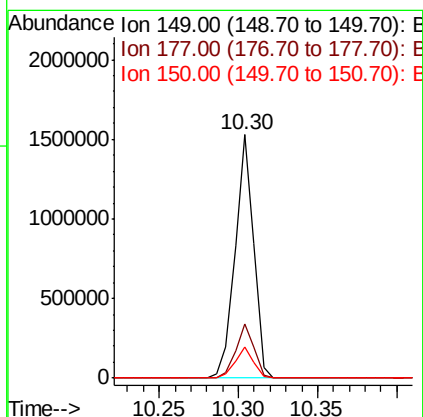
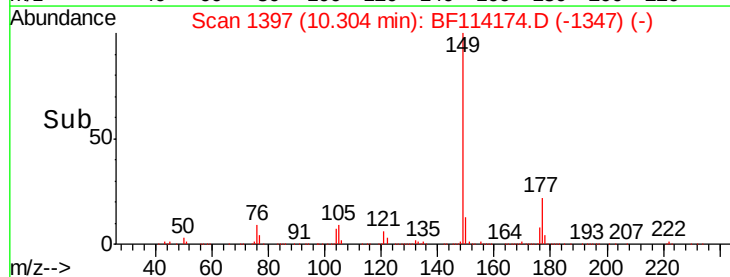
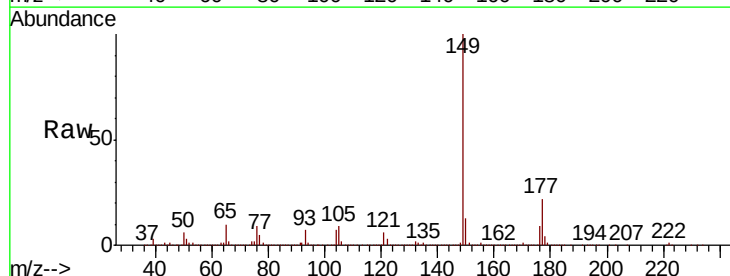
Manual Integrations
 APPROVED

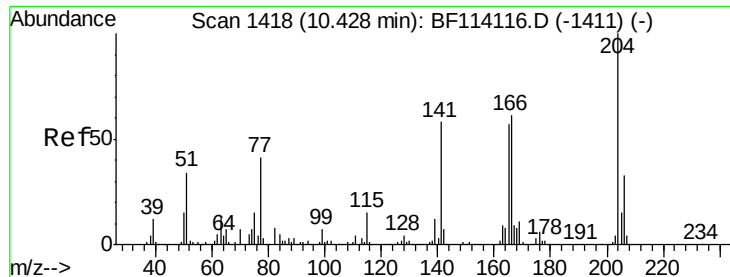
Sohil
 5/13/2019 8:36:04 PM



#60
 Diethylphthalate
 Concen: 41.595 ng
 RT: 10.30 min Scan# 1397
 Delta R.T. -0.01 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.8	26.6
150	12.6	10.2	15.2





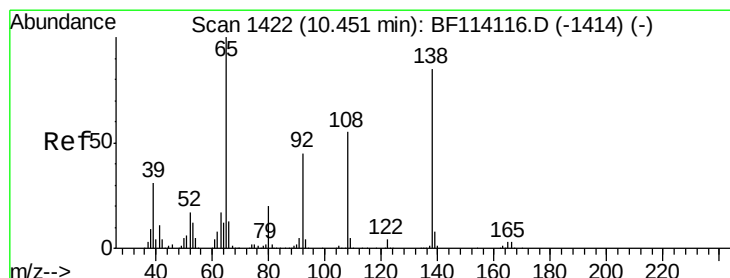
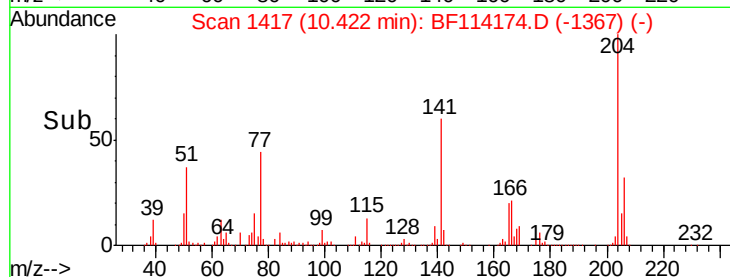
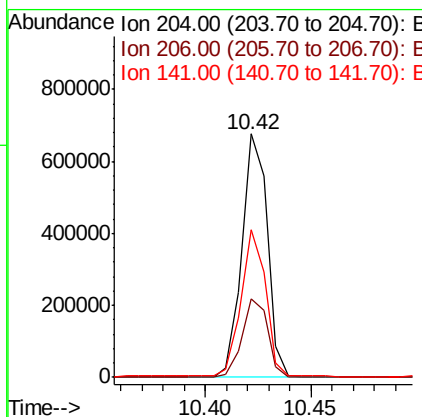
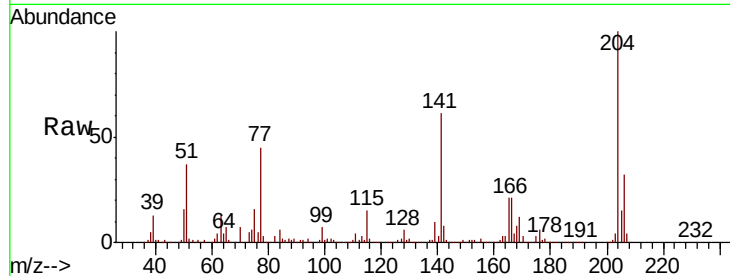
#61
4-Chlorophenyl-phenylether
Concen: 41.848 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.4	26.6	39.8
141	60.8	46.4	69.6

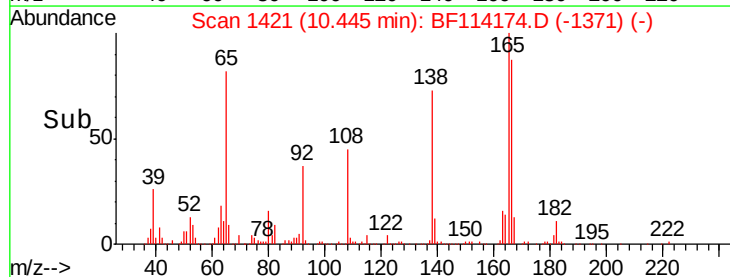
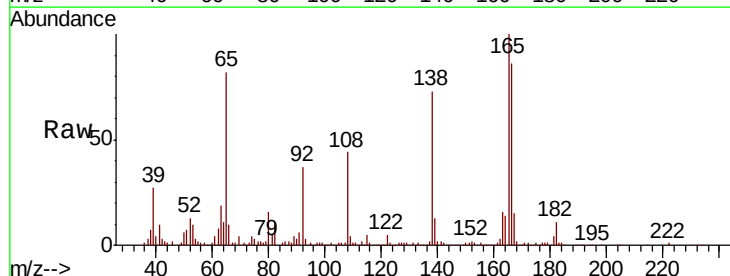
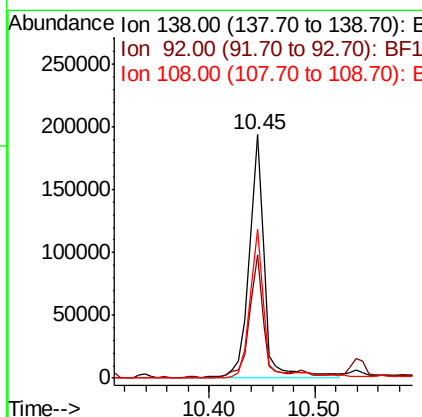
Manual Integrations
APPROVED

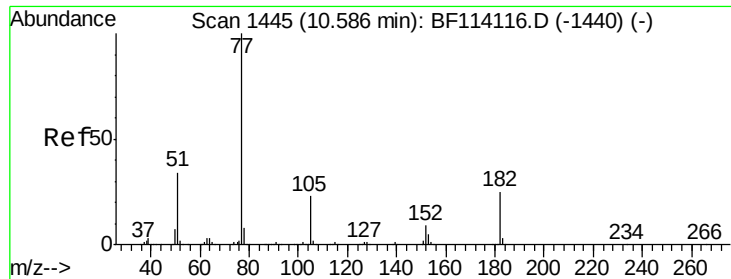
Sohil
5/13/2019 8:36:04 PM



#62
4-Nitroaniline
Concen: 22.966 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.6	33.0	73.0
108	61.3	44.9	84.9





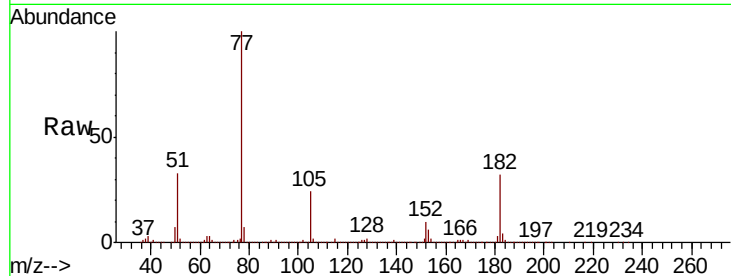
#63
Azobenzene
Concen: 41.863 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.8	4.7	44.7
105	24.0	2.9	42.9
51	33.0	14.6	54.6

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



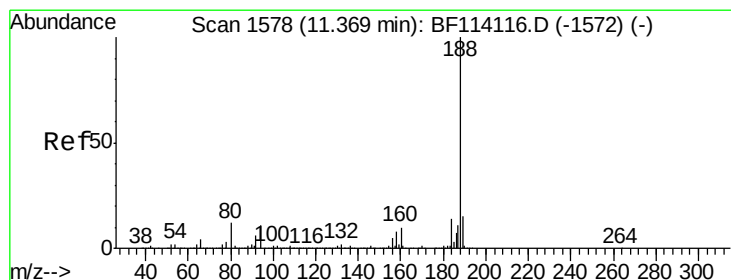
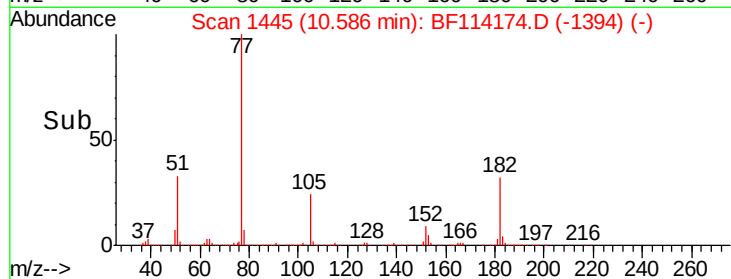
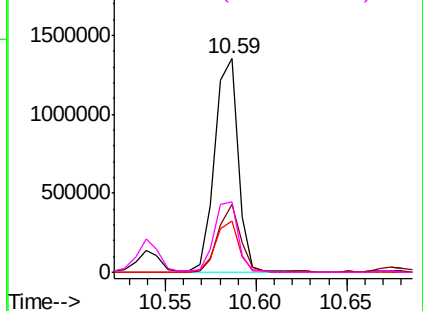
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

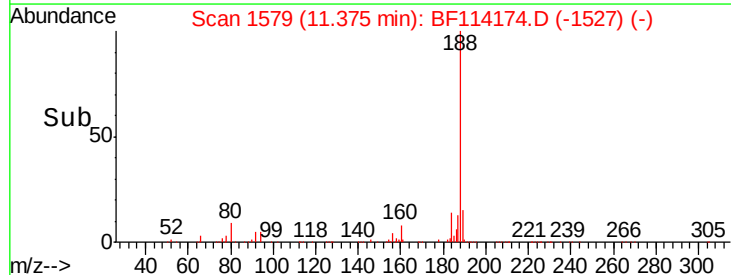
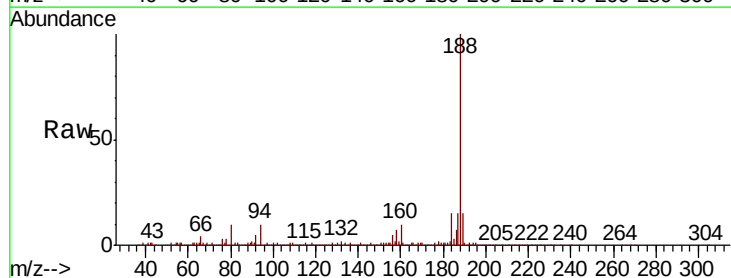
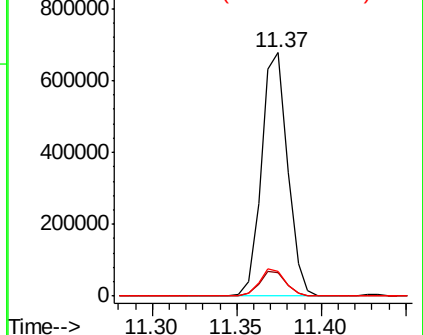
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.4	12.6
80	9.9	9.2	13.8

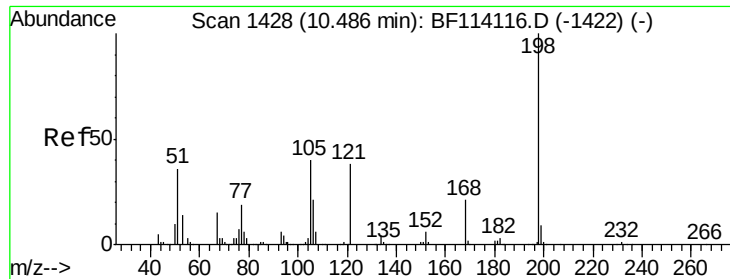
Abundance

Ion 188.00 (187.70 to 188.70): E

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: 39.383 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

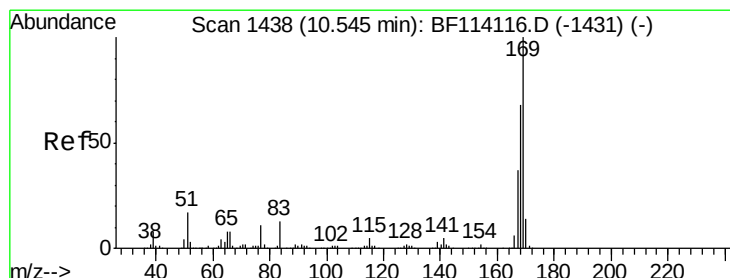
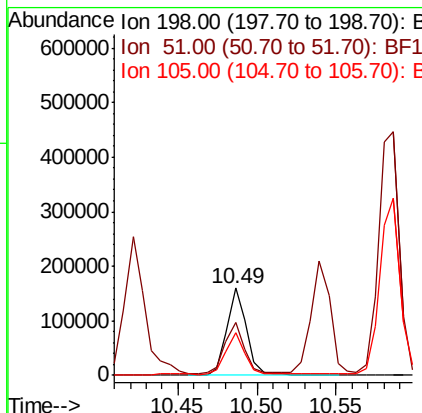
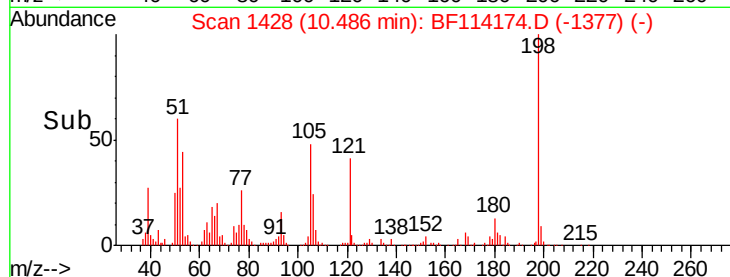
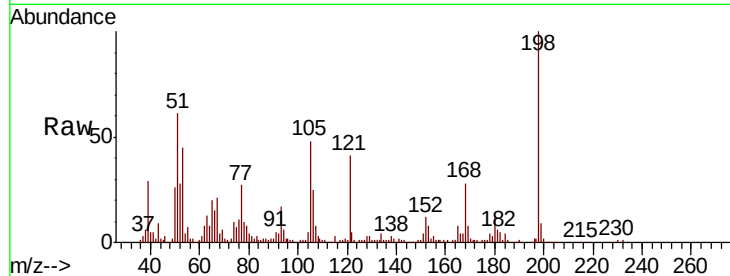
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	198	Resp:	137640
Ion Ratio	Lower	Upper	
198	100		
51	61.4	28.0	68.0
105	48.5	21.1	61.1

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



#66

n-Nitrosodiphenylamine

Concen: 48.338 ng

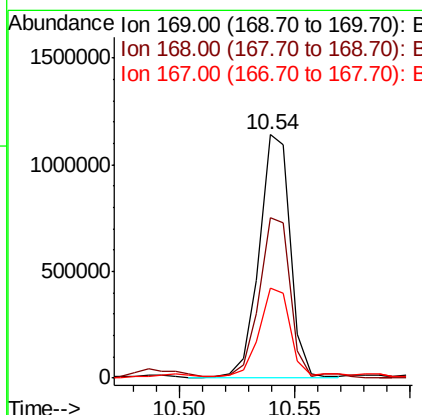
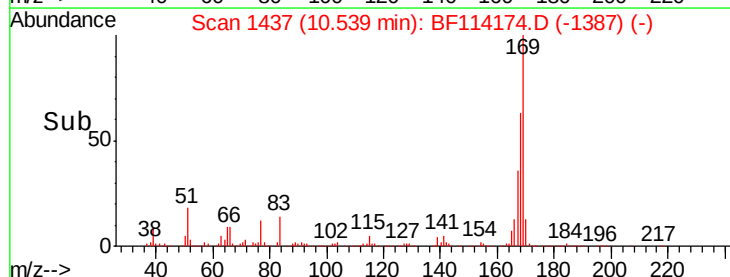
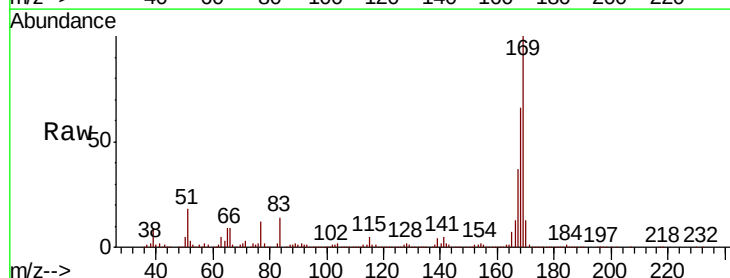
RT: 10.54 min Scan# 1437

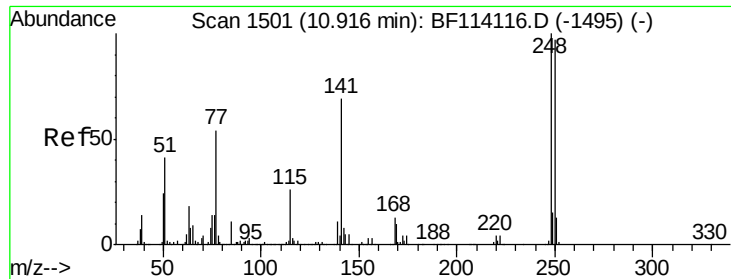
Delta R.T. -0.01 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Tgt Ion:	169	Resp:	1067051
Ion Ratio	Lower	Upper	
169	100		
168	65.7	54.2	81.2
167	37.1	29.8	44.8





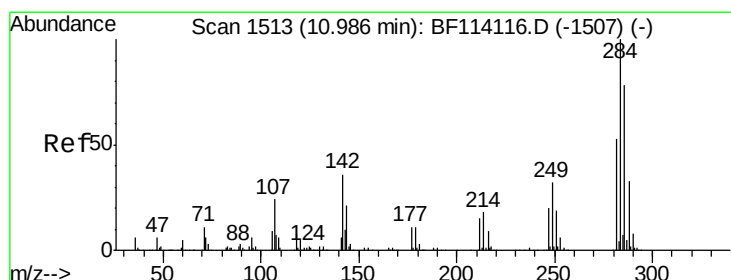
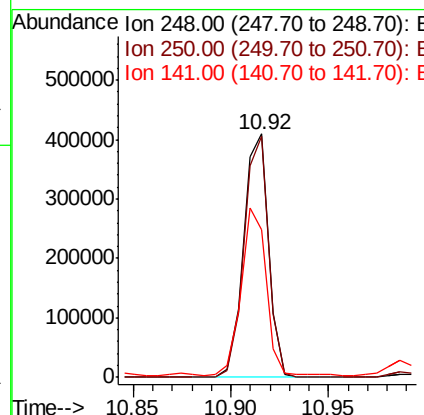
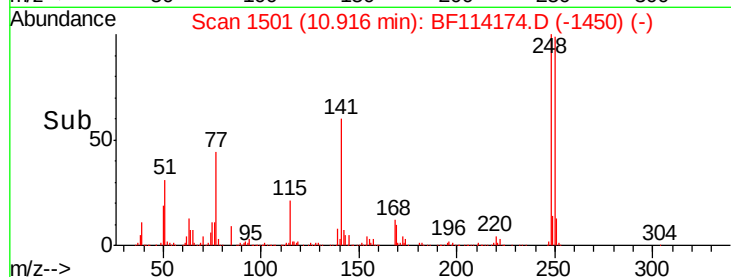
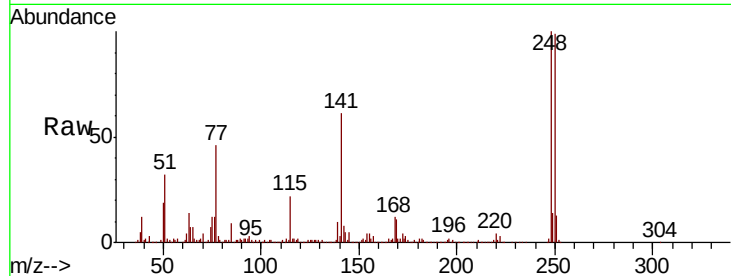
#67
4-Bromophenyl-phenylether
Concen: 45.151 ng
RT: 10.92 min Scan# 1501
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.0	77.4	116.2
141	60.7	55.6	83.4

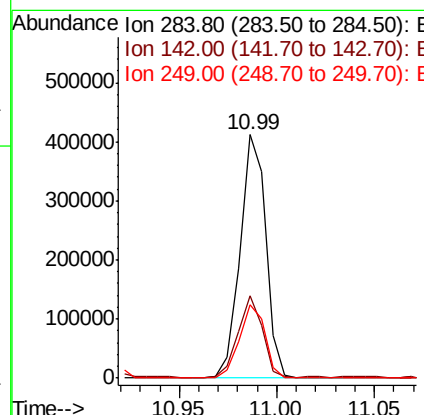
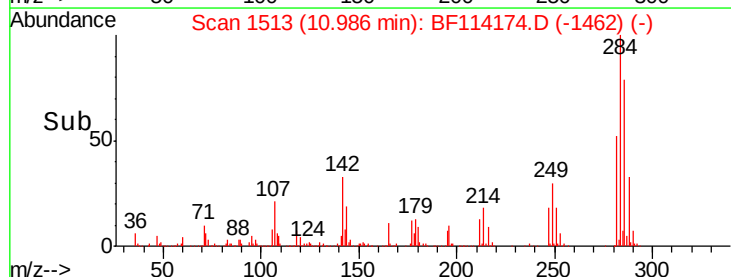
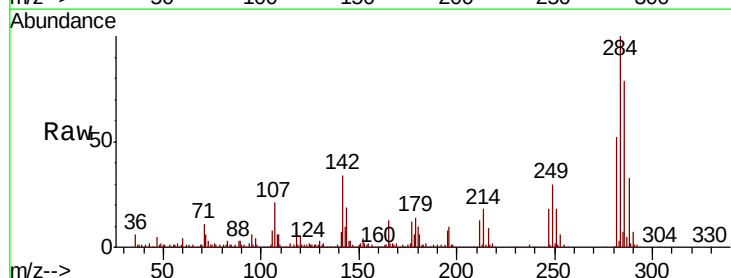
Manual Integrations
APPROVED

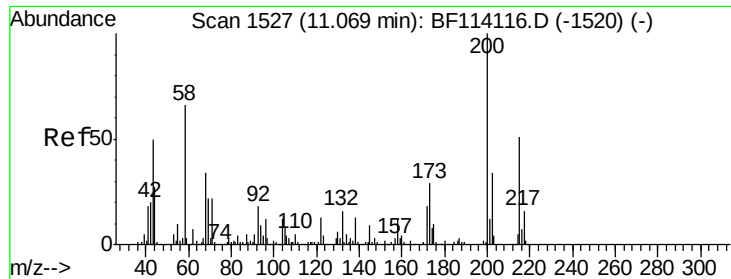
Sohil
5/13/2019 8:36:04 PM



#68
Hexachlorobenzene
Concen: 42.321 ng
RT: 10.99 min Scan# 1513
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.8	28.4	42.6
249	30.0	25.2	37.8





#69

Atrazine

Concen: 45.027 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

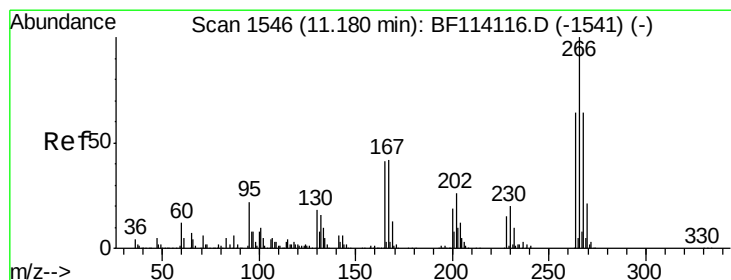
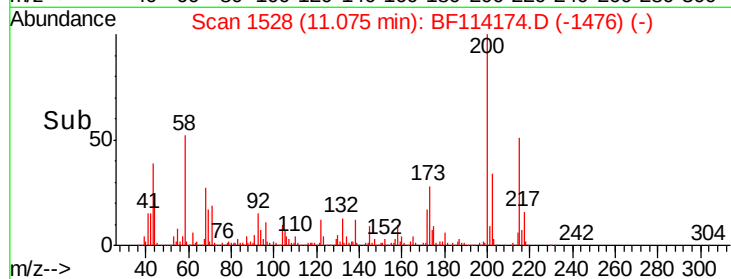
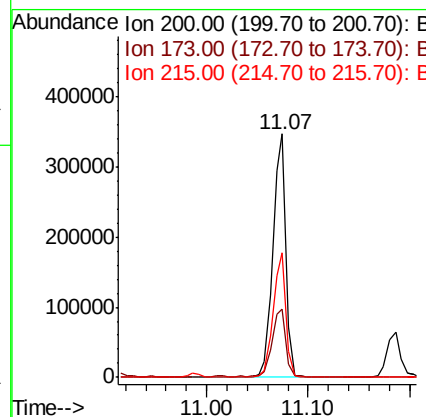
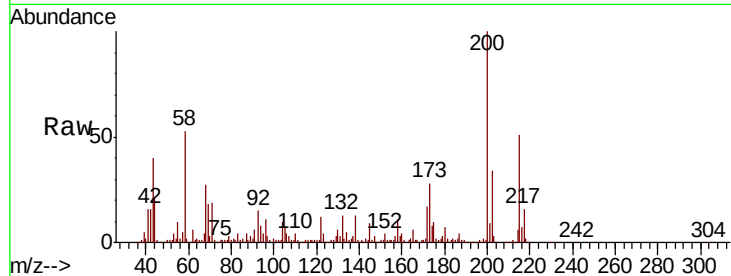
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	200	Resp:	309312
Ion Ratio	Lower	Upper	
200	100		
173	27.8	8.9	48.9
215	51.1	30.7	70.7

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



#70

Pentachlorophenol

Concen: 85.405 ng

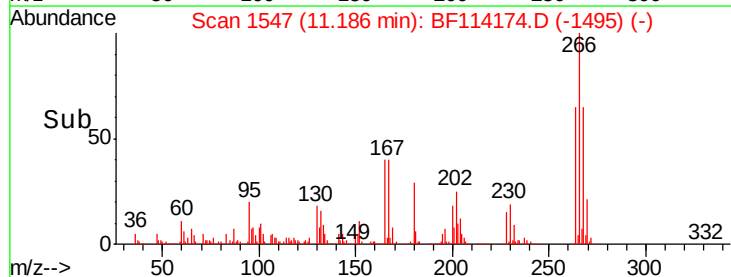
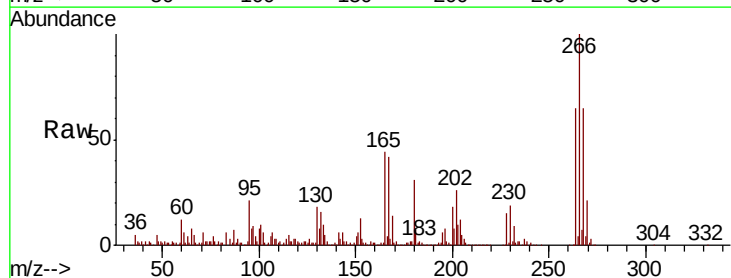
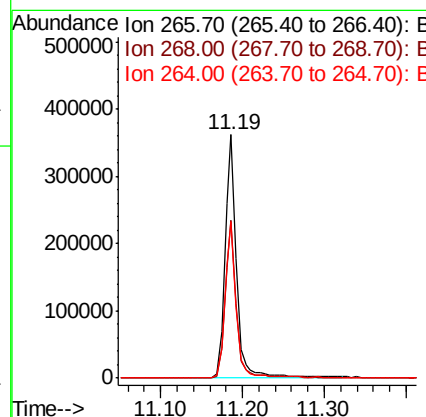
RT: 11.19 min Scan# 1547

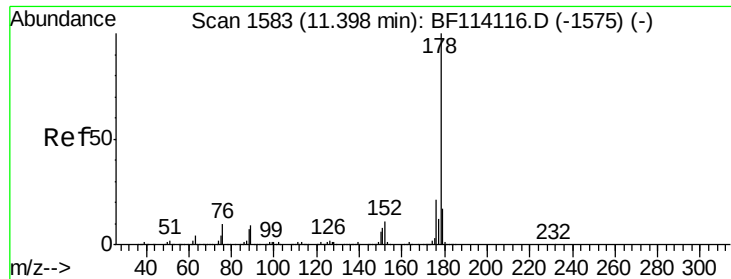
Delta R.T. 0.01 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Tgt Ion:	266	Resp:	358672
Ion Ratio	Lower	Upper	
266	100		
268	65.0	51.1	76.7
264	64.6	51.1	76.7





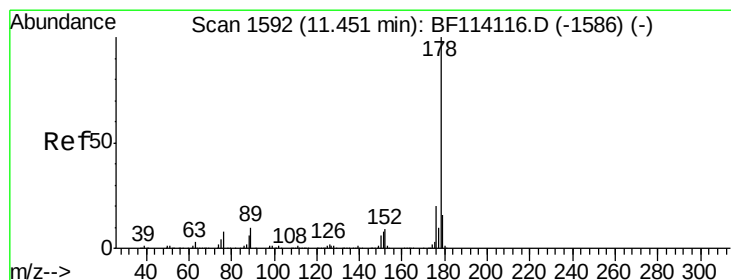
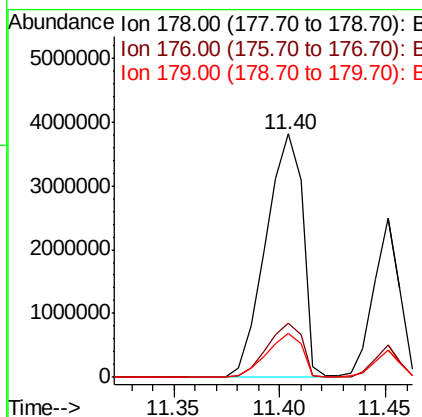
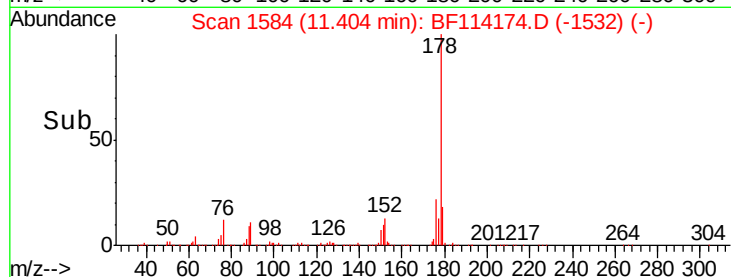
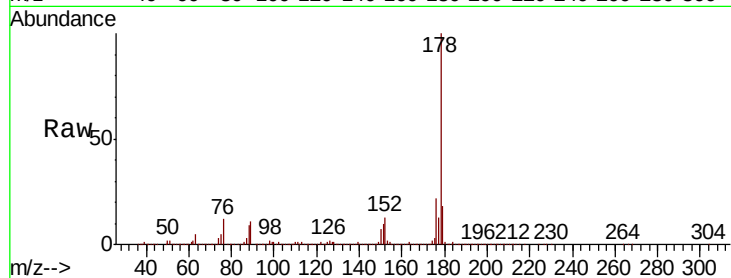
#71
Phenanthrene
Concen: 131.123 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion:178 Resp: 4639863
Ion Ratio Lower Upper
178 100
176 22.5 16.4 24.6
179 18.0 13.2 19.8

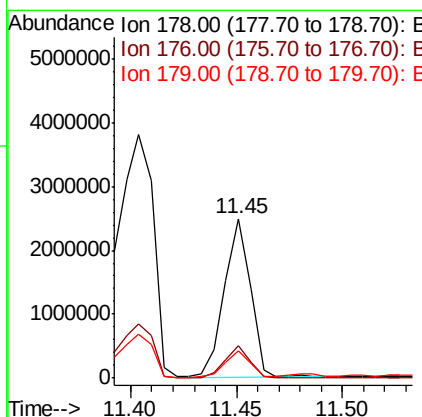
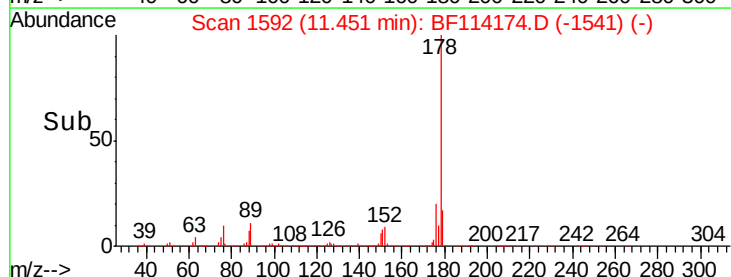
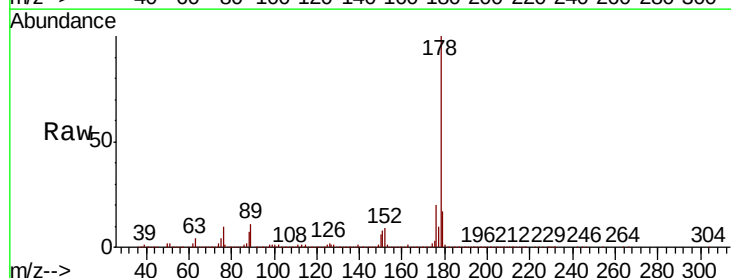
Manual Integrations
APPROVED

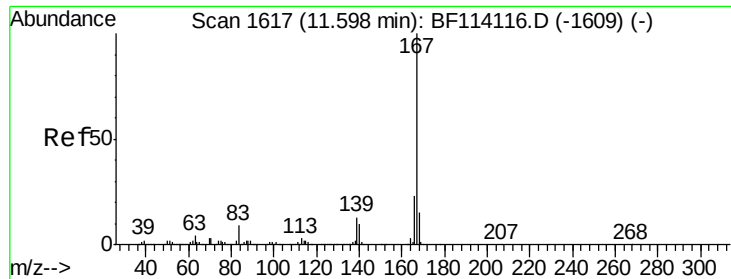
Sohil
5/13/2019 8:36:04 PM



#72
Anthracene
Concen: 60.299 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion:178 Resp: 2143144
Ion Ratio Lower Upper
178 100
176 20.1 15.8 23.8
179 16.9 13.0 19.4





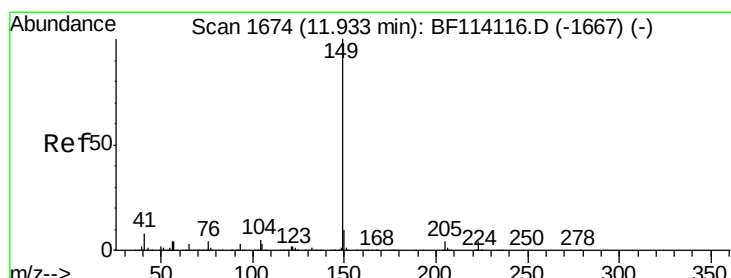
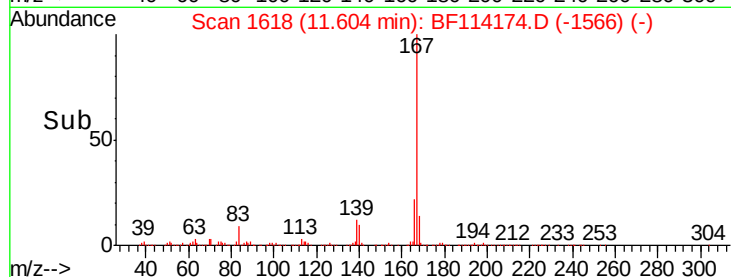
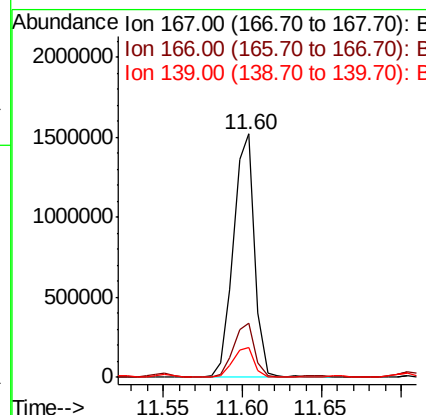
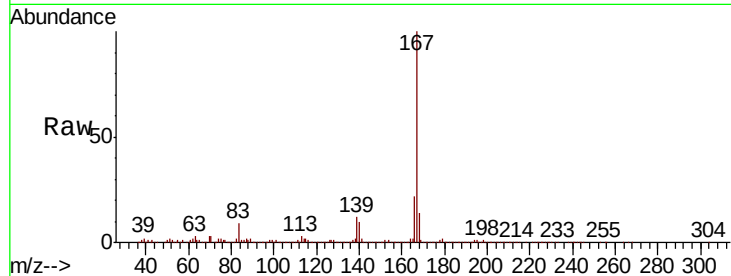
#73
 Carbazole
 Concen: 41.277 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.2	27.2
139	12.4	10.6	16.0

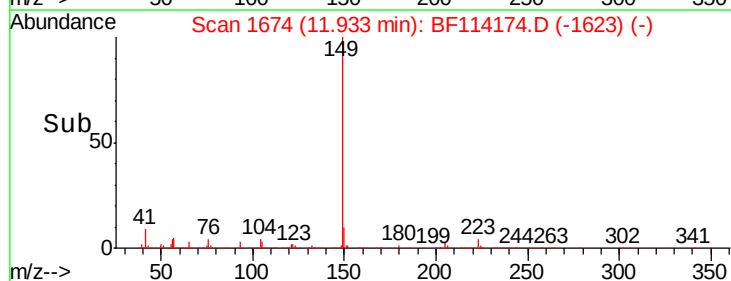
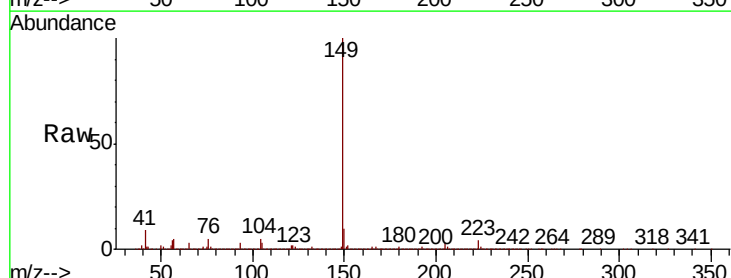
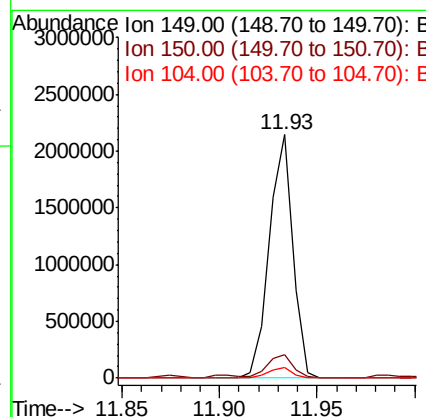
Manual Integrations
 APPROVED

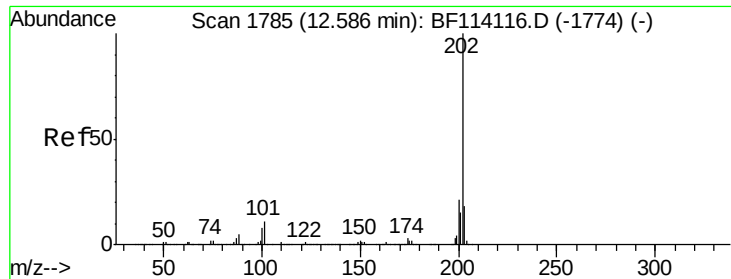
Sohil
 5/13/2019 8:36:04 PM



#74
 Di-n-butylphthalate
 Concen: 45.697 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.5	3.6	5.4





#75

Fluoranthene

Concen: 146.387 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.02 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

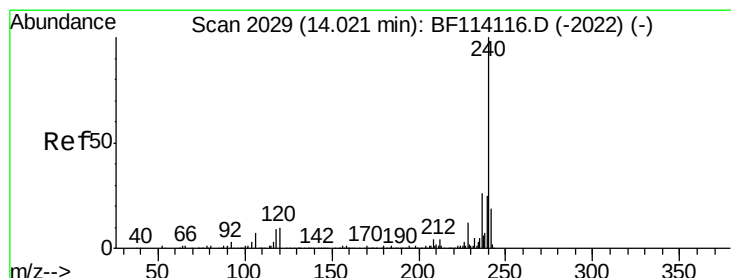
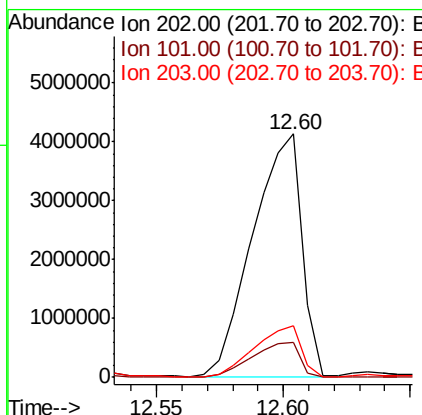
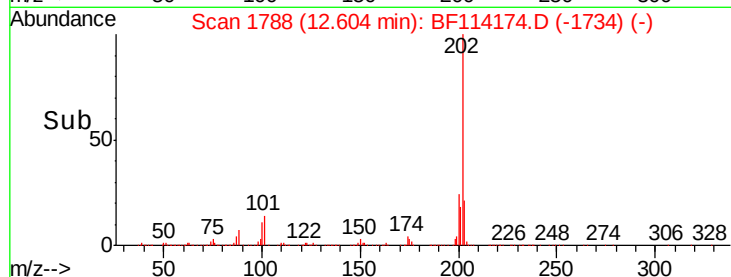
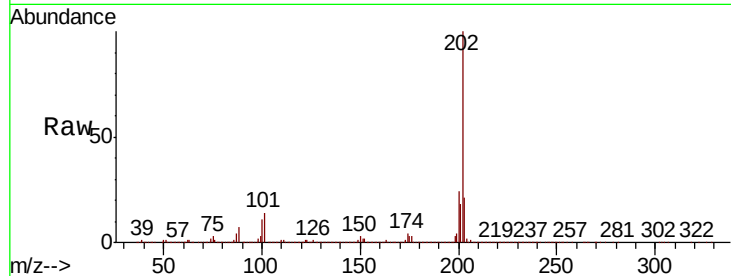
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion	Ratio	Resp	Lower	Upper
202	100	5578195		
101	14.5		0.0	31.0
203	21.0		0.0	38.4

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



#76

Chrysene-d12

Concen: 20.000 ng

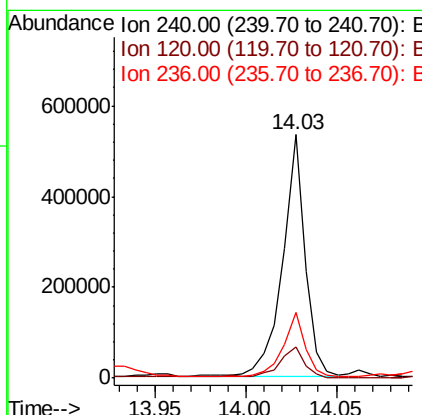
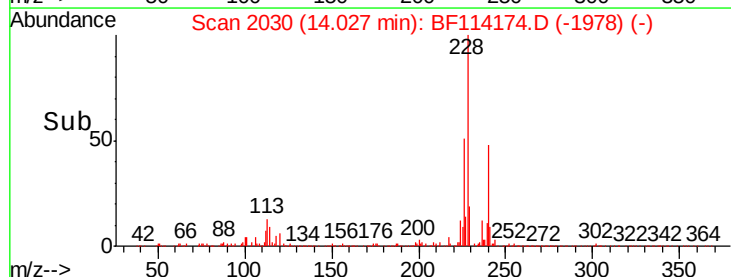
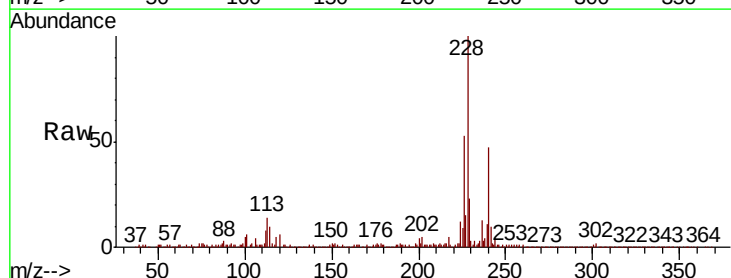
RT: 14.03 min Scan# 2030

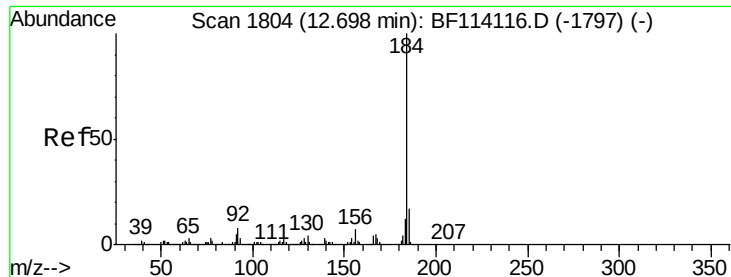
Delta R.T. 0.01 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	456674		
120	12.6		8.3	12.5#
236	27.1		20.8	31.2





#77

Benzidine

Concen: 0.365 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

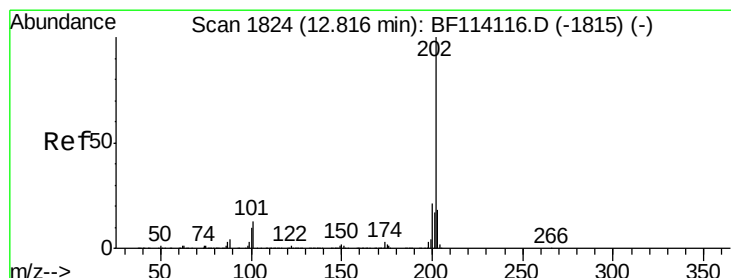
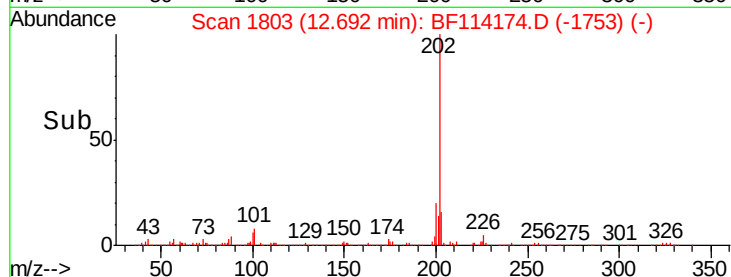
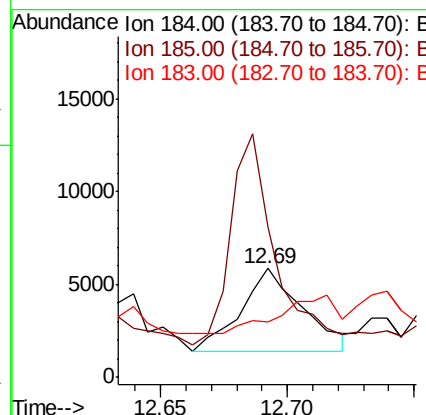
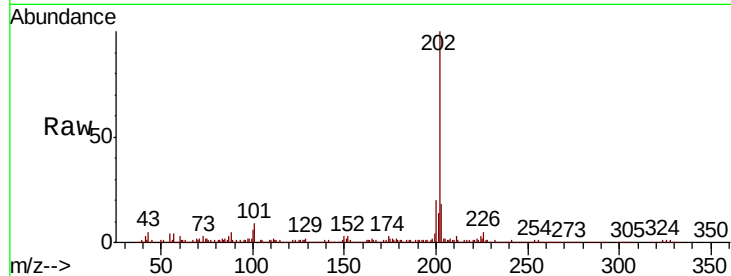
ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:	184	Resp:	7479
Ion Ratio	Lower	Upper	
184	100		
185	137.5	13.6	20.4#
183	51.3	9.2	13.8#

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



#78

Pyrene

Concen: 233.141 ng m

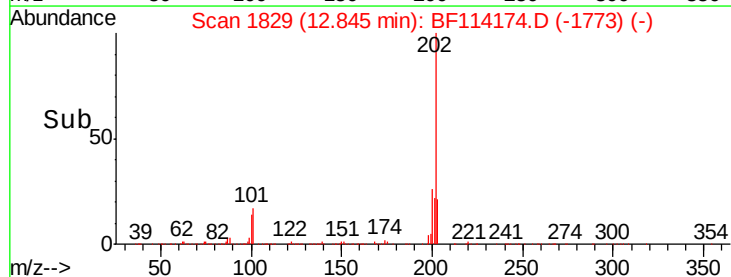
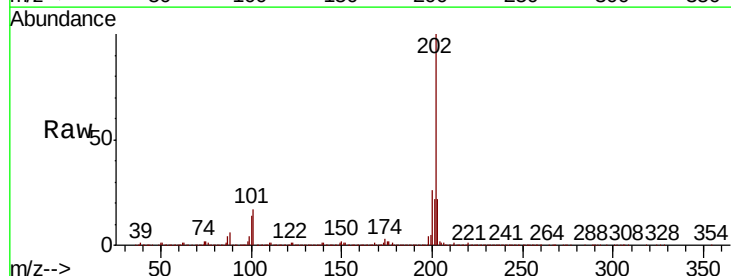
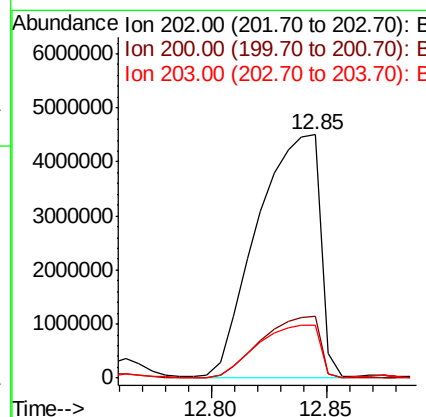
RT: 12.85 min Scan# 1829

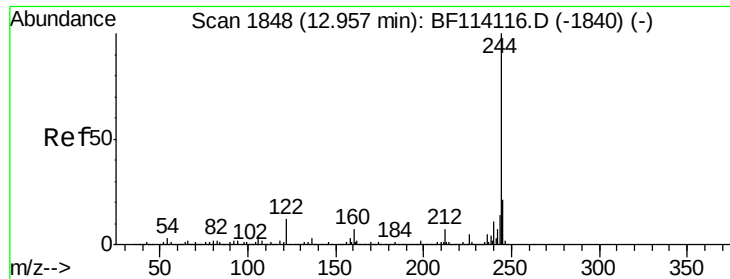
Delta R.T. 0.03 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Tgt Ion:	202	Resp:	8564940
Ion Ratio	Lower	Upper	
202	100		
200	25.6	16.9	25.3#
203	21.8	14.5	21.7#





#79

Terphenyl-d14

Concen: 61.724 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:244 Resp: 1367386

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.6

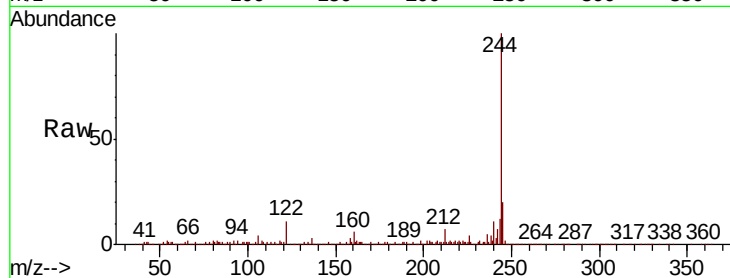
122 11.5 9.4 14.2

Manual Integrations

APPROVED

Sohil

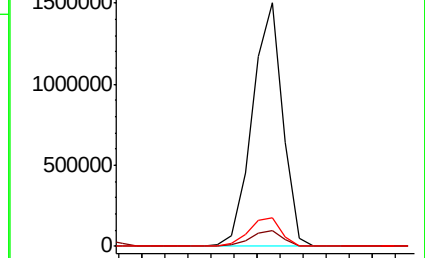
5/13/2019 8:36:04 PM



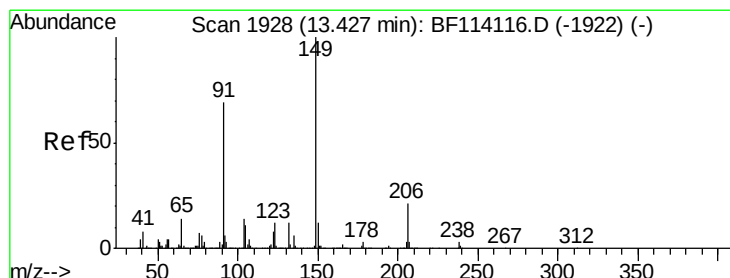
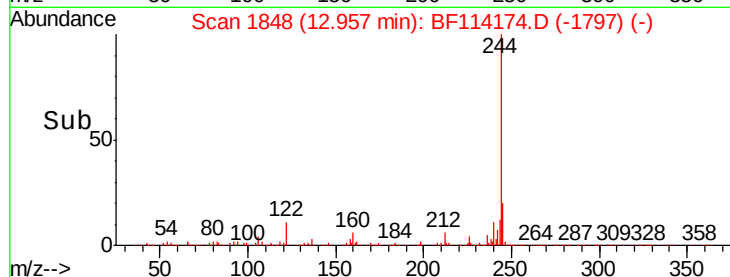
Abundance Ion 244.00 (243.70 to 244.70): E

2000000 Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Butylbenzylphthalate

Concen: 49.593 ng

RT: 13.43 min Scan# 1928

Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

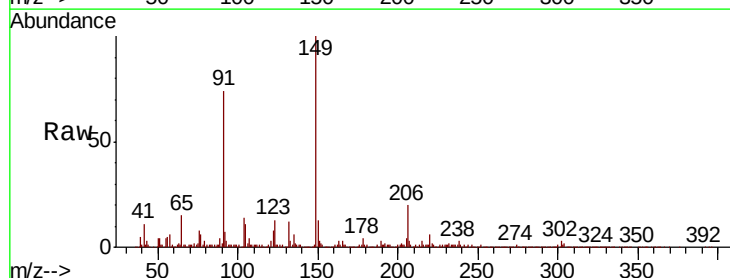
Tgt Ion:149 Resp: 766857

Ion Ratio Lower Upper

149 100

91 73.7 55.0 82.4

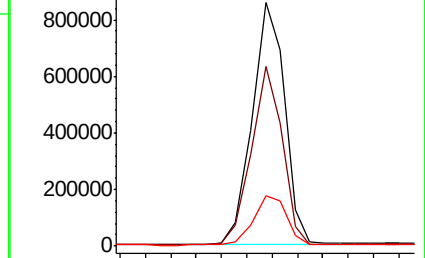
206 20.4 16.9 25.3



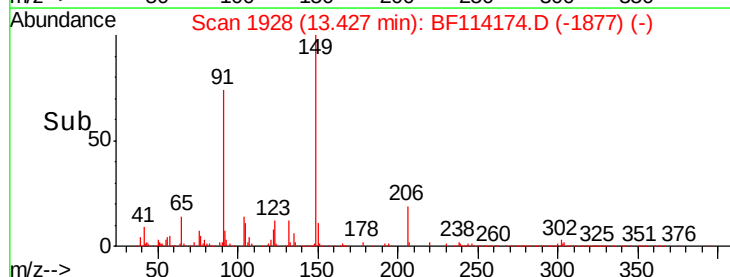
Abundance Ion 149.00 (148.70 to 149.70): E

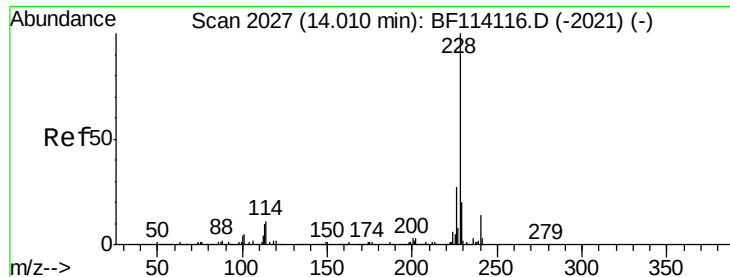
Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E



Time-->





#81

Benzo(a)anthracene

Concen: 169.308 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MSD

Tot Ion:228 Resp: 5000937

Ion Ratio Lower Upper

228 100

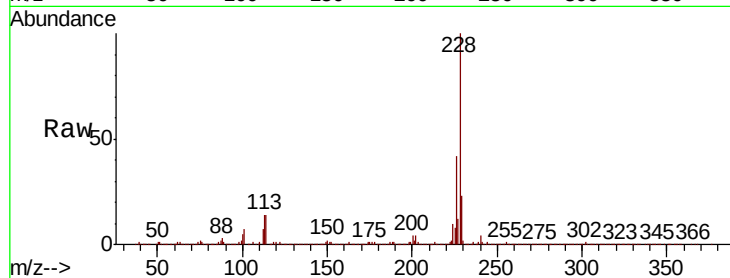
226 41.7 22.2 33.2#

229 22.7 16.4 24.6

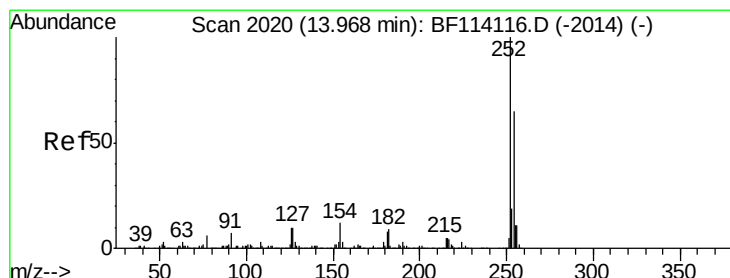
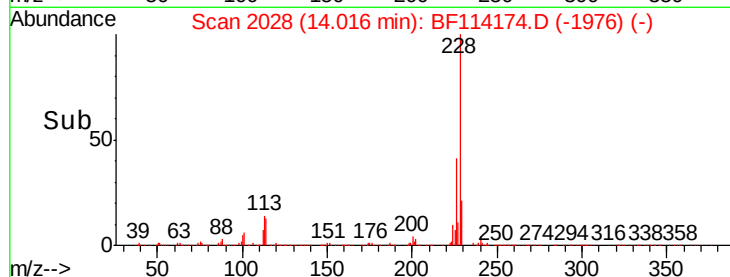
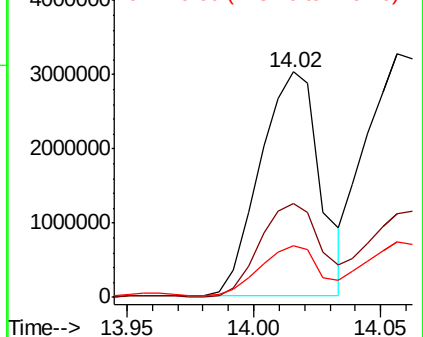
Manual Integrations
APPROVED

Sohil

5/13/2019 8:36:04 PM



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



#82

3,3'-Dichlorobenzidine

Concen: 1.992 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

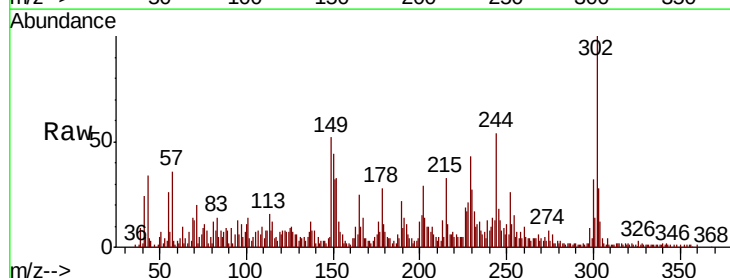
Tgt Ion:252 Resp: 22827

Ion Ratio Lower Upper

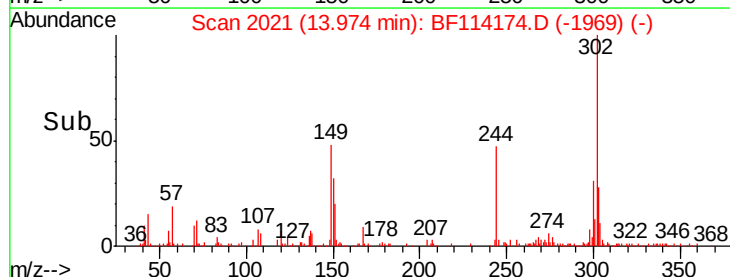
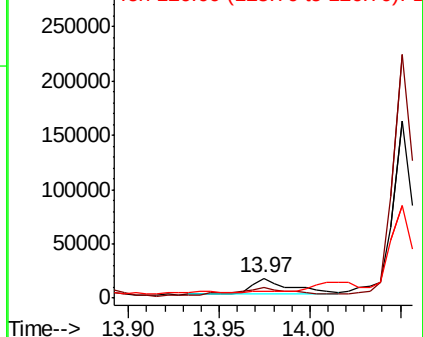
252 100

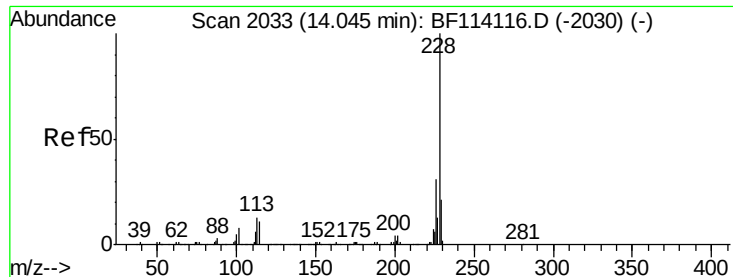
254 55.3 51.9 77.9

126 37.2 7.9 11.9#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





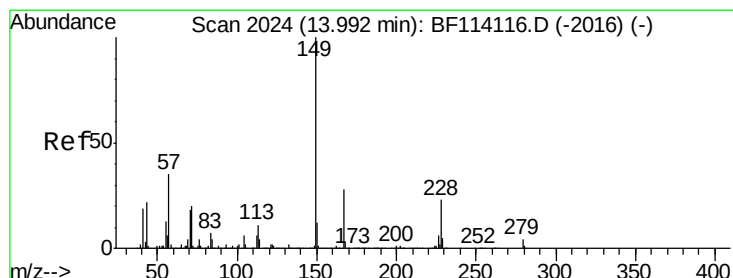
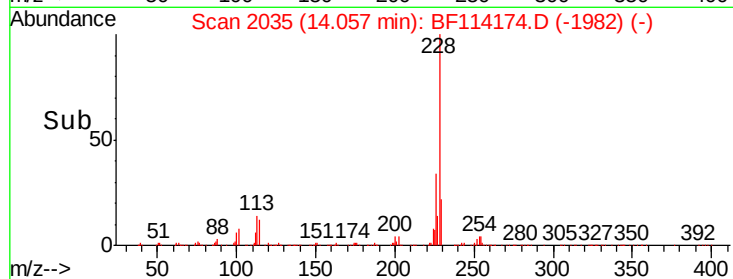
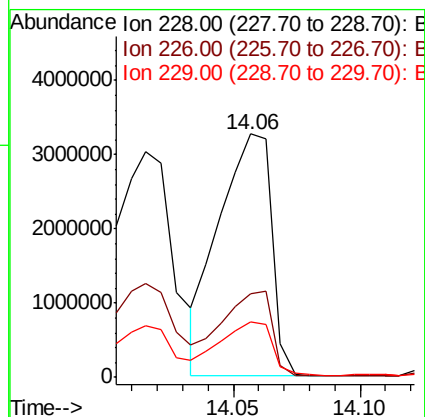
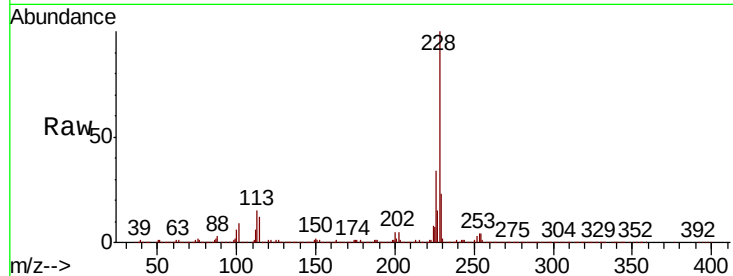
#83
 Chrysene
 Concen: 162.883 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS006-0002-01MSD

Tot Ion:228 Resp: 4716270
 Ion Ratio Lower Upper
 228 100
 226 34.4 25.0 37.6
 229 22.6 17.0 25.6

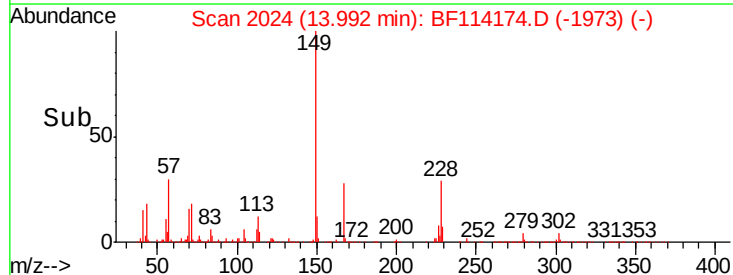
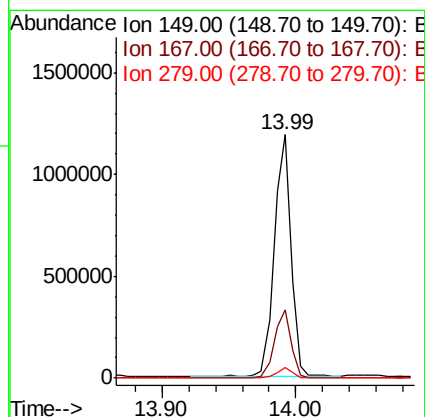
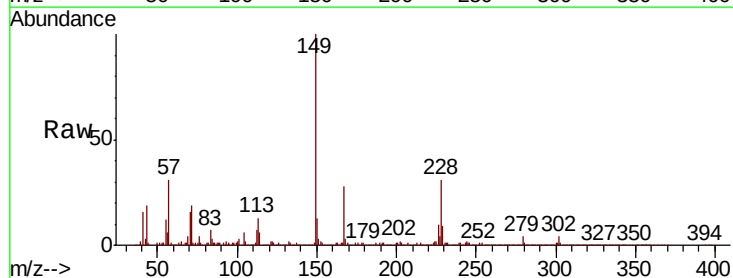
Manual Integrations
 APPROVED

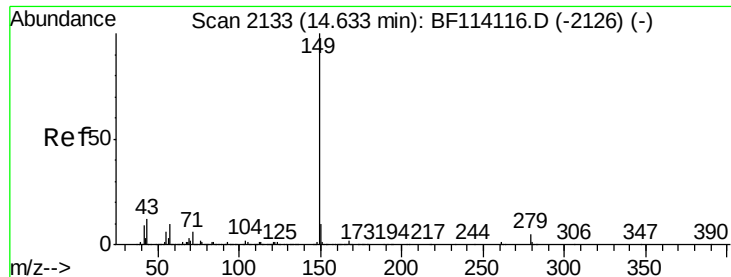
Sohil
 5/13/2019 8:36:04 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.933 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BF114174.D
 Acq: 12 May 2019 00:53

Tgt Ion:149 Resp: 1050266
 Ion Ratio Lower Upper
 149 100
 167 27.9 22.6 33.8
 279 4.3 3.0 4.6





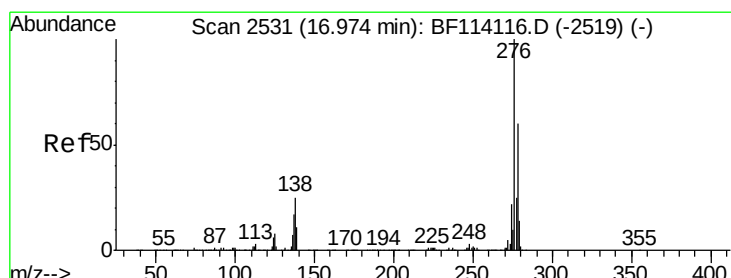
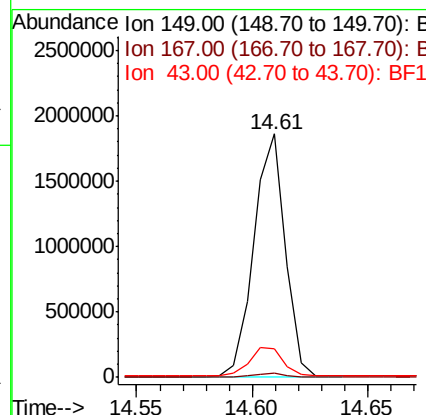
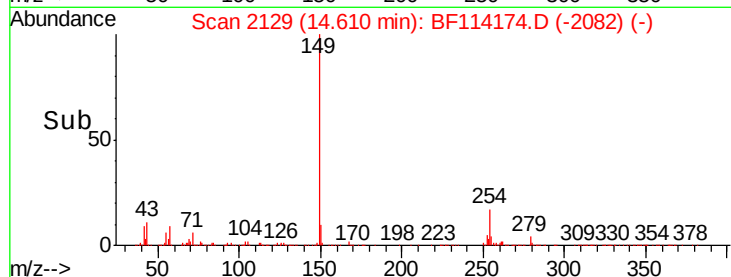
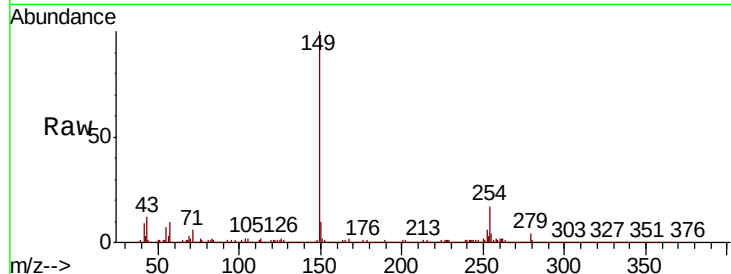
#85
Di-n-octyl phthalate
Concen: 53.896 ng
RT: 14.61 min Scan# 2129
Delta R.T. -0.02 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	12.6	10.1	15.1

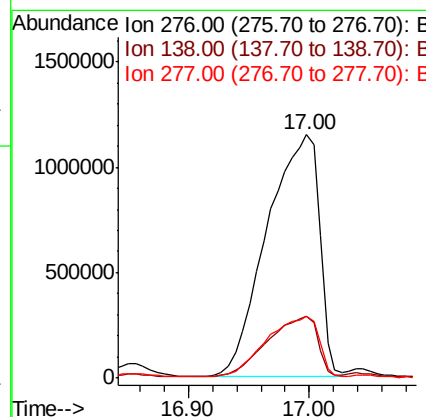
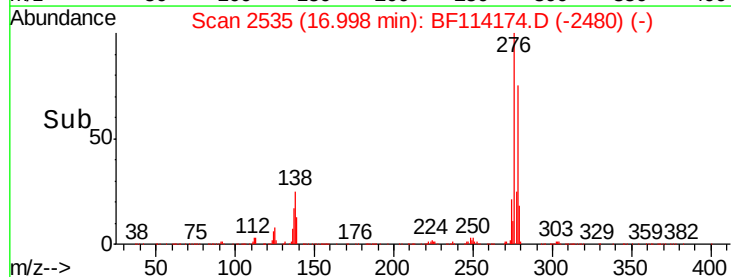
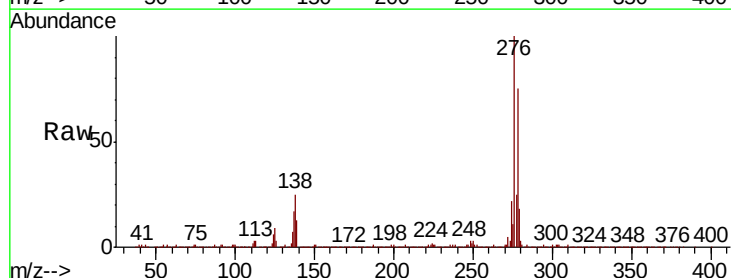
Manual Integrations
APPROVED

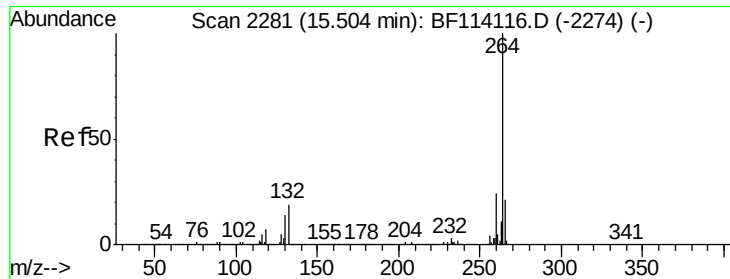
Sohil
5/13/2019 8:36:04 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 134.882 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.2	30.2
277	24.8	20.0	30.0





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2281

Delta R.T. 0.00 min

Lab File: BF114174.D

Acq: 12 May 2019 00:53

Instrument :

BNA_F

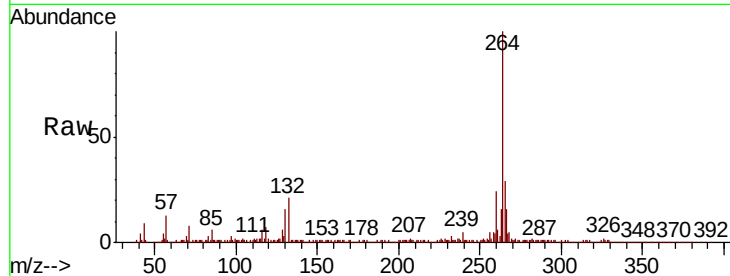
ClientSampleId :

P026-SS006-0002-01MSD

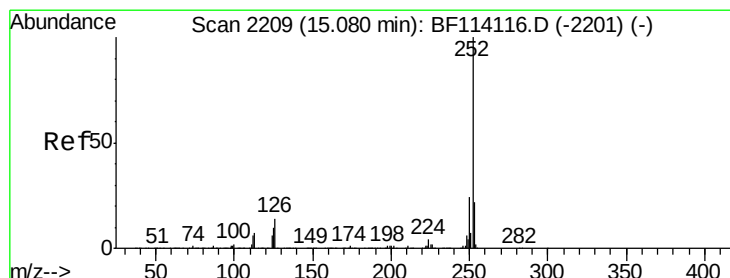
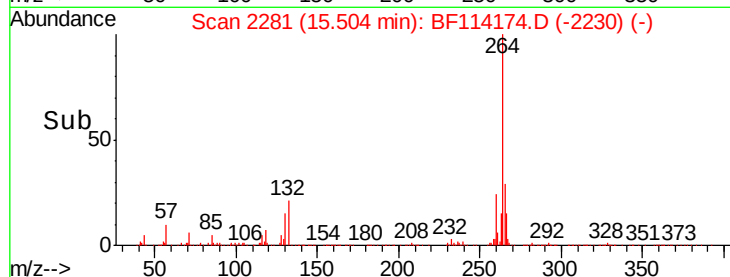
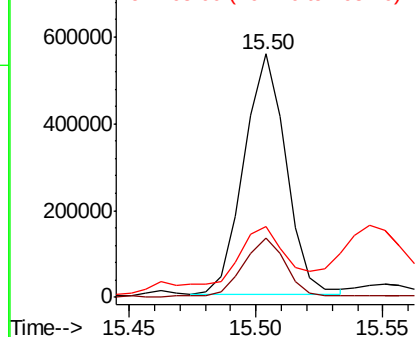
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	29.2	16.9	25.3

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM



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



#88

Benzo(b)fluoranthene

Concen: 137.886 ng

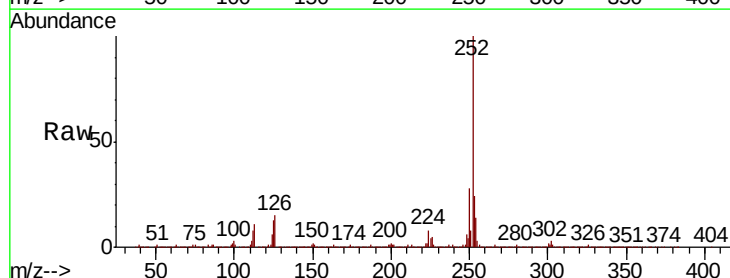
RT: 15.09 min Scan# 2210

Delta R.T. 0.01 min

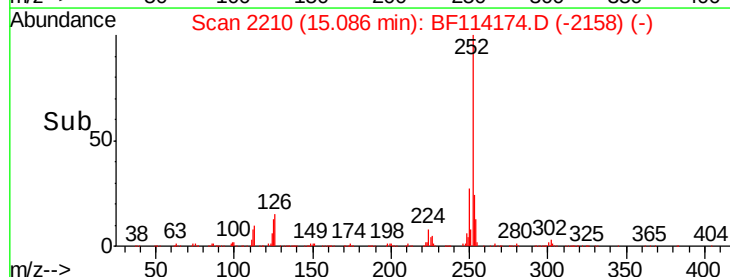
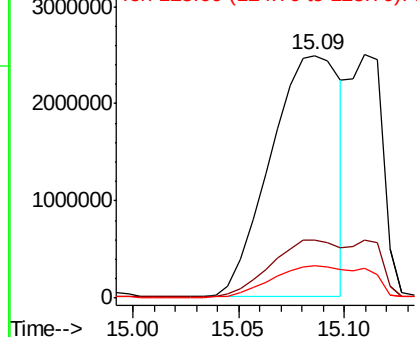
Lab File: BF114174.D

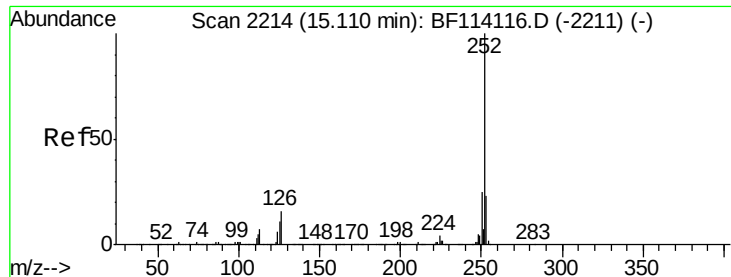
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.8
125	13.3	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





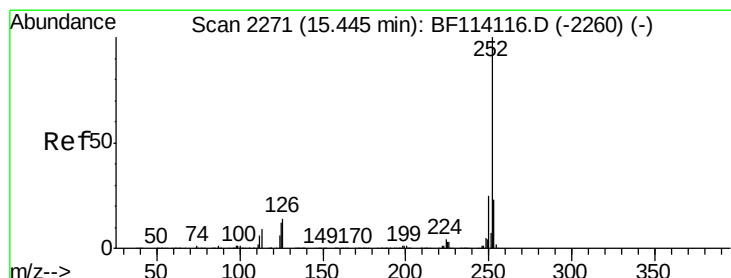
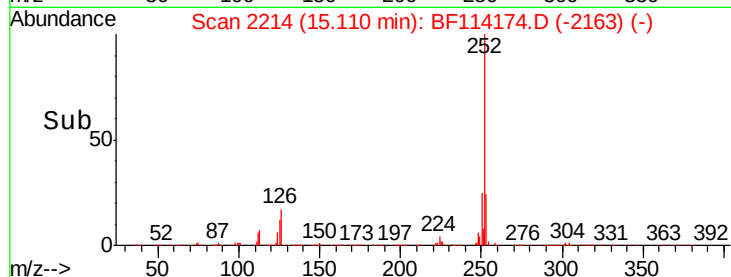
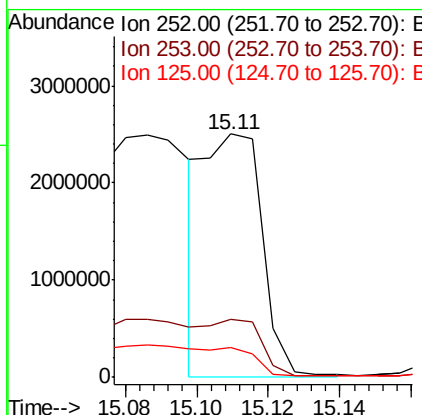
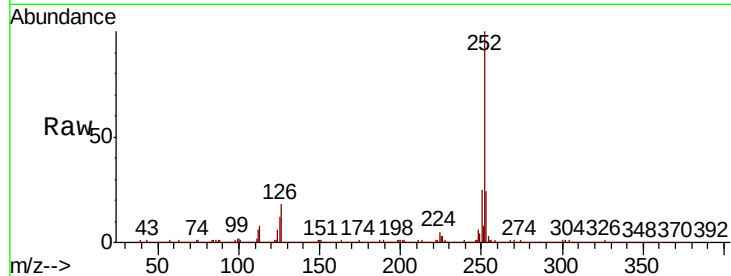
#89
Benzo(k)fluoranthene
Concen: 73.212 ng m
RT: 15.11 min Scan# 2214
Delta R.T. -0.00 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	12.5	8.6	13.0

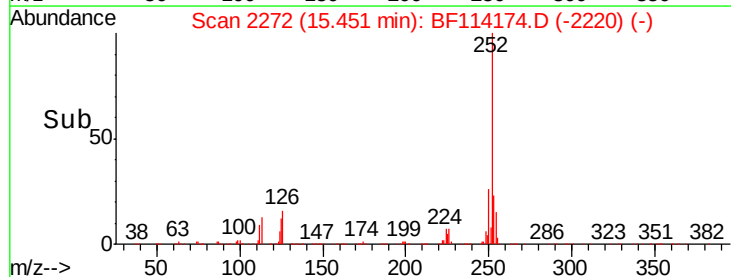
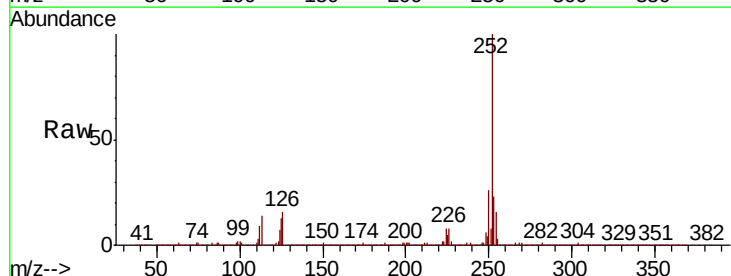
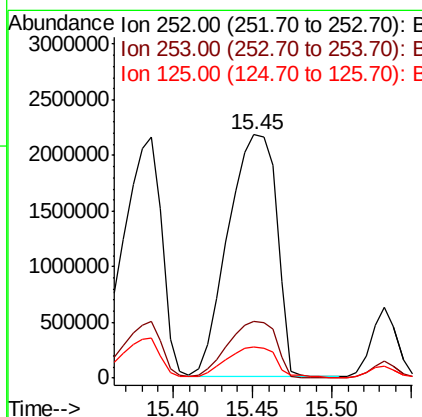
Manual Integrations
APPROVED

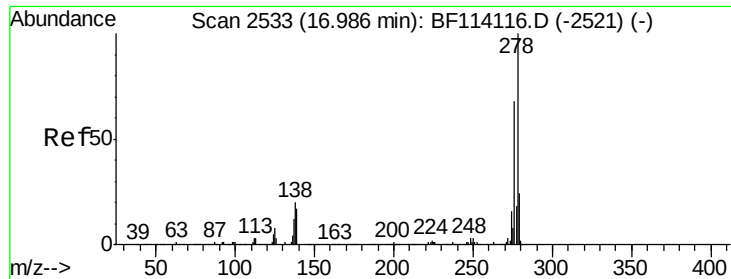
Sohil
5/13/2019 8:36:04 PM



#90
Benzo(a)pyrene
Concen: 128.001 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.1	27.1
125	12.6	9.5	14.3





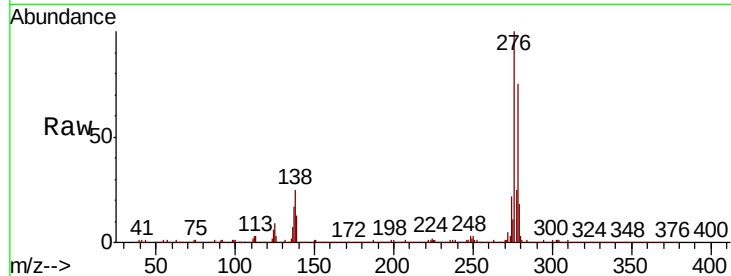
#91
Dibenzo(a,h)anthracene
Concen: 56.445 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.01 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Instrument :
BNA_F
ClientSampleId :
P026-SS006-0002-01MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.5	20.3
279	24.2	19.0	28.6

Manual Integrations
APPROVED

Sohil
5/13/2019 8:36:04 PM

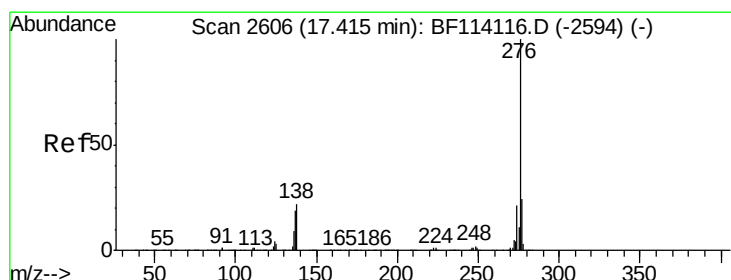
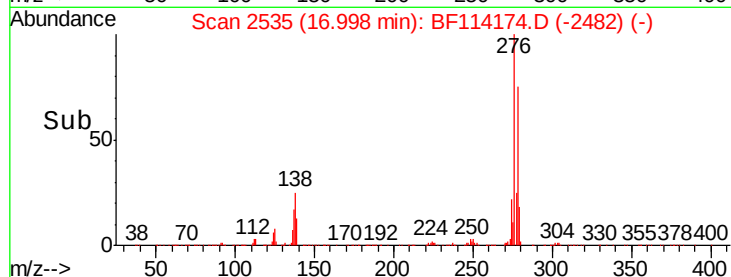
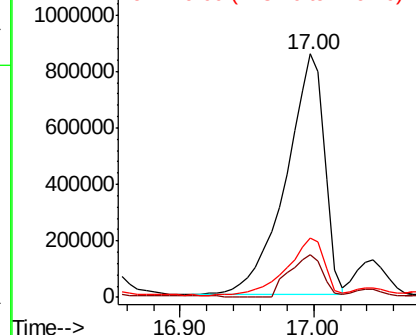


Abundance

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



#92
Benzo(g,h,i)perylene
Concen: 115.946 ng
RT: 17.44 min Scan# 2611
Delta R.T. 0.03 min
Lab File: BF114174.D
Acq: 12 May 2019 00:53

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.4
138	23.2	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

