

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051319\
 Data File : BF114224.D
 Acq On : 13 May 2019 13:13
 Operator : JU/SJ
 Sample : K2766-12MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Manual Integrations
 APPROVED

Sohil
 5/14/2019 8:03:03 PM

Quant Time: May 14 05:04:51 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	311883	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1191075	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	561773	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1053617	20.00	ng	0.00
76) Chrysene-d12	14.03	240	618580	20.00	ng	0.00
87) Perylene-d12	15.53	264	719986	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1419420	73.24	ng	0.00
7) Phenol-d6	6.50	99	1855139	80.93	ng	0.01
23) Nitrobenzene-d5	7.42	82	1211032	57.06	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	449911	77.47	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1973333	53.14	ng	0.00
79) Terphenyl-d14	12.96	244	1694405	56.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	185971	17.458	ng	98
3) Pyridine	3.42	79	61217	2.086	ng	96
4) n-Nitrosodimethylamine	3.30	42	293725	20.753	ng	# 99
6) Aniline	6.52	93	29301	0.885	ng	# 1
8) 2-Chlorophenol	6.65	128	551739	26.667	ng	97
9) Benzaldehyde	6.40	77	164515	10.252	ng	97
10) Phenol	6.52	94	660894	24.510	ng	82
11) bis(2-Chloroethyl)ether	6.59	93	564127	27.557	ng	99
12) 1,3-Dichlorobenzene	6.80	146	551897	23.764	ng	99
13) 1,4-Dichlorobenzene	6.87	146	562952	24.055	ng	97
14) 1,2-Dichlorobenzene	7.03	146	531764	24.871	ng	98
15) Benzyl Alcohol	7.00	79	475564	26.601	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1028711	25.917	ng	85
17) 2-Methylphenol	7.12	107	439705	25.871	ng	96
18) Hexachloroethane	7.36	117	208585	23.745	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	398928	27.457	ng	96
20) 3+4-Methylphenols	7.27	107	537550	27.375	ng	# 66
22) Acetophenone	7.26	105	761577	28.863	ng	# 89
24) Nitrobenzene	7.43	77	603416	27.915	ng	99
25) Isophorone	7.67	82	1112547	28.265	ng	99
26) 2-Nitrophenol	7.75	139	310964	29.651	ng	97
27) 2,4-Dimethylphenol	7.79	122	456224	27.698	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	732958	28.699	ng	99
29) 2,4-Dichlorophenol	8.00	162	451456	27.525	ng	100
30) 1,2,4-Trichlorobenzene	8.07	180	486367	26.077	ng	99
31) Naphthalene	8.16	128	1568470	28.191	ng	99
32) Benzoic acid	7.92	122	401063	36.174	ng	97
33) 4-Chloroaniline	8.23	127	16090	0.635	ng	# 87
34) Hexachlorobutadiene	8.27	225	274313	25.849	ng	98
35) Caprolactam	8.58	113	127703	23.878	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	477931	28.948	ng	97
37) 2-Methylnaphthalene	8.85	142	1065889	29.693	ng	97
38) 1-Methylnaphthalene	8.95	142	991233	29.322	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	481221	28.278	ng	99

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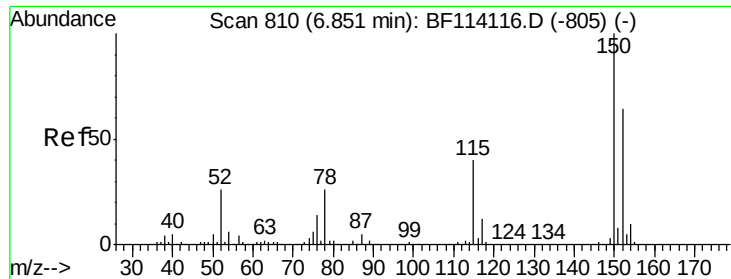
Manual Integrations
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 5/14/2019 8:03:03 PM

Quant Time: May 14 05:04:51 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	262843	35.686	nq	96
43) 2,4,6-Trichlorophenol	9.13	196	320002	27.339	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	335849	27.978	nq	95
46) 1,1'-Biphenyl	9.31	154	1314222	28.958	nq	98
47) 2-Chloronaphthalene	9.34	162	976771	26.743	nq	97
48) 2-Nitroaniline	9.43	65	336183	25.954	nq	95
49) Acenaphthylene	9.75	152	1593221	28.680	nq	99
50) Dimethylphthalate	9.61	163	1434173	34.777	nq	97
51) 2,6-Dinitrotoluene	9.67	165	258841	28.298	nq	89
52) Acenaphthene	9.92	154	904787	26.542	nq	99
53) 3-Nitroaniline	9.85	138	30900	2.721	nq	# 90
54) 2,4-Dinitrophenol	9.96	184	227056	51.950	nq	94
55) Dibenzofuran	10.09	168	1368191	27.372	nq	98
56) 4-Nitrophenol	10.02	139	365809	45.557	nq	90
57) 2,4-Dinitrotoluene	10.08	165	344502	27.749	nq	99
58) Fluorene	10.44	166	1084617	28.092	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	285258	27.541	nq	# 100
60) Diethylphthalate	10.30	149	1178150	28.117	nq	98
61) 4-Chlorophenyl-phenylether	10.43	204	537148	28.326	nq	99
62) 4-Nitroaniline	10.45	138	52106	4.367	nq	98
63) Azobenzene	10.59	77	1132034	27.911	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	140577	27.767	nq	93
66) n-Nitrosodiphenylamine	10.55	169	929323	29.062	nq	100
67) 4-Bromophenyl-phenylether	10.92	248	334941	28.872	nq	99
68) Hexachlorobenzene	10.99	284	379066	29.537	nq	96
69) Atrazine	11.07	200	254254	25.550	nq	98
70) Pentachlorophenol	11.19	266	341602	56.151	nq	99
71) Phenanthrene	11.40	178	1808109	35.273	nq	99
72) Anthracene	11.45	178	1527144	29.661	nq	99
73) Carbazole	11.60	167	1258107	25.625	nq	99
74) Di-n-butylphthalate	11.93	149	1800646	31.834	nq	100
75) Fluoranthene	12.59	202	1908785	34.579	nq	99
77) Benzidine	12.68	184	38477m	1.386	nq	
78) Pyrene	12.82	202	2106804	42.338	nq	99
80) Butylbenzylphthalate	13.43	149	615648	29.393	nq	99
81) Benzo(a)anthracene	14.02	228	1329250	33.223	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	6366	0.410	nq	# 32
83) Chrysene	14.06	228	1190835	30.363	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	952664	34.777	nq	100
85) Di-n-octyl phthalate	14.63	149	1556185	35.044	nq	97
86) Indeno(1,2,3-cd)pyrene	17.02	276	1327891	38.309	nq	99
88) Benzo(b)fluoranthene	15.09	252	1496510	32.444	nq	98
89) Benzo(k)fluoranthene	15.12	252	1174491	27.719	nq	99
90) Benzo(a)pyrene	15.46	252	1307245	32.202	nq	98
91) Dibenzo(a,h)anthracene	17.03	278	1038040	30.773	nq	99
92) Benzo(g,h,i)perylene	17.47	276	1102643	32.618	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: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

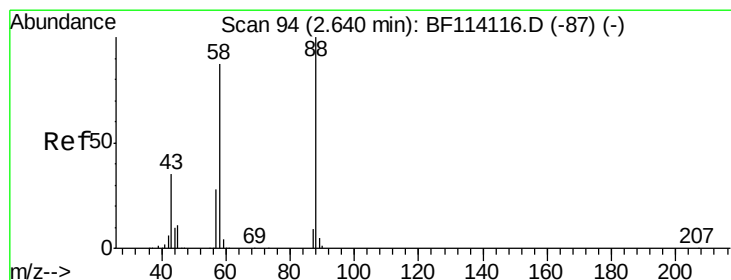
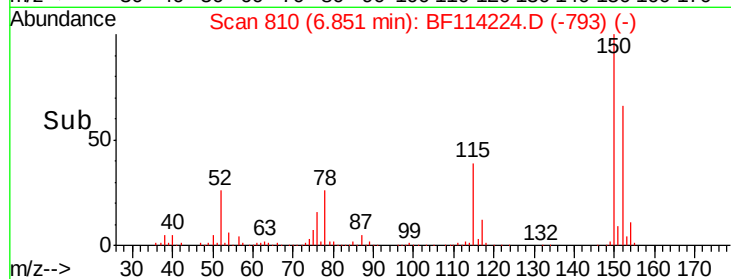
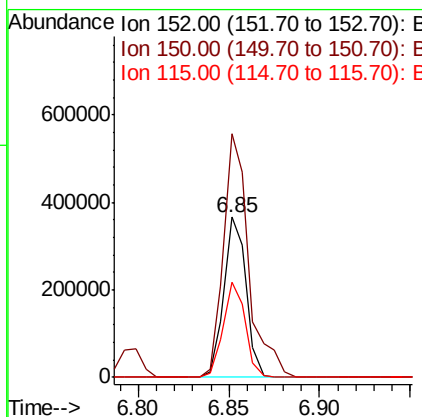
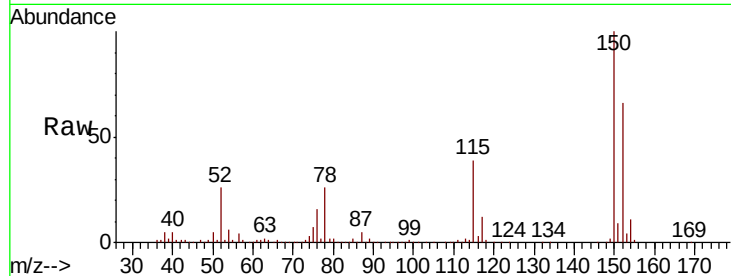
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:	152	Resp:	311883
Ion Ratio	Lower	Upper	
152	100		
150	152.0	124.3	186.5
115	59.3	49.1	73.7

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#2

1,4-Dioxane

Concen: 17.458 ng

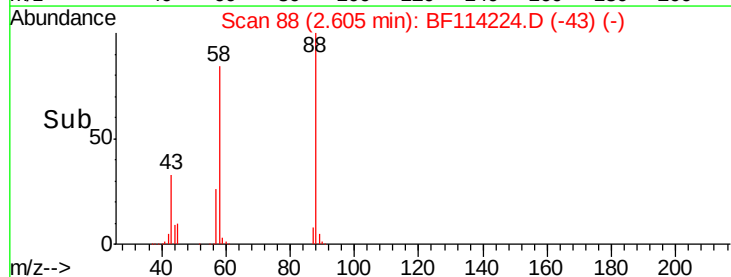
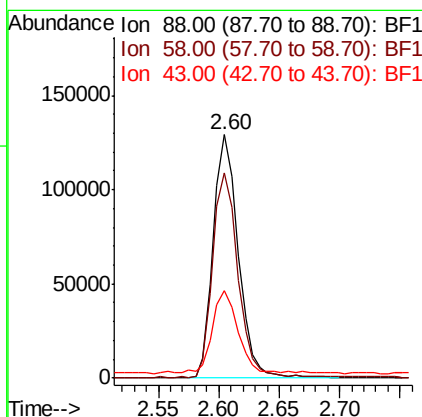
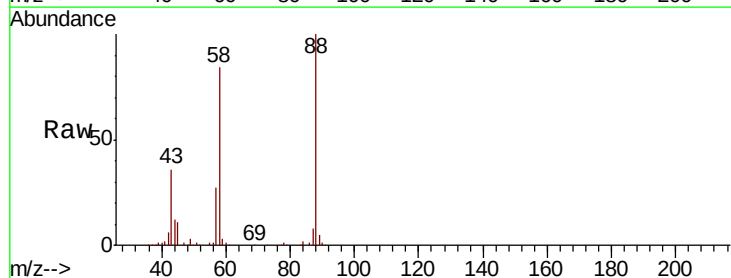
RT: 2.60 min Scan# 88

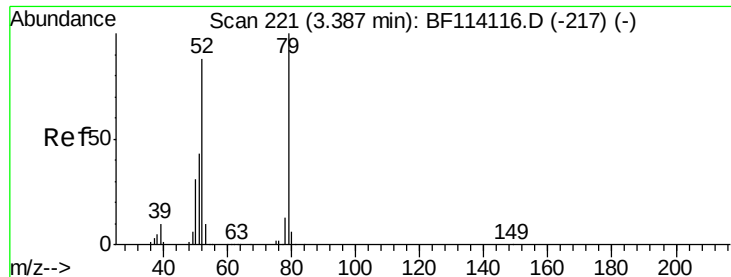
Delta R.T. -0.04 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Tgt Ion:	88	Resp:	185971
Ion Ratio	Lower	Upper	
88	100		
58	83.9	68.7	103.1
43	35.3	28.2	42.2





#3

Pvridine

Concen: 2.086 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.04 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

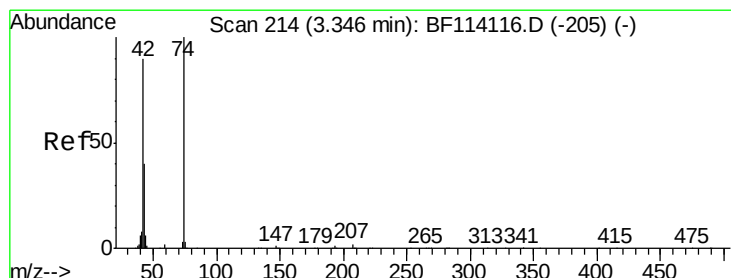
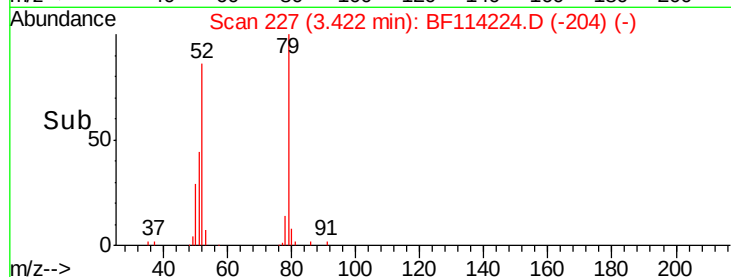
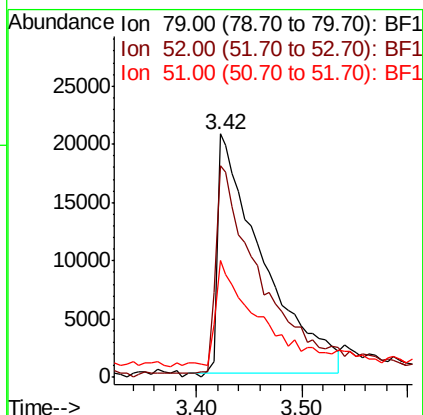
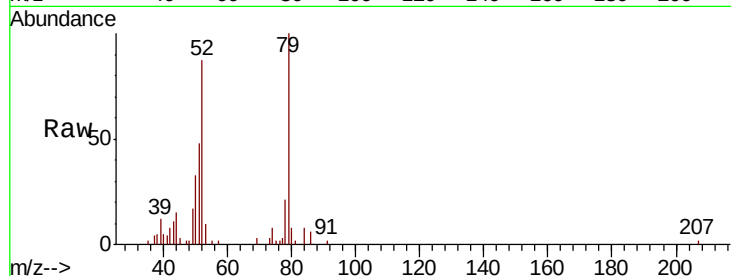
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:	79	Resp:	61217
Ion Ratio	Lower	Upper	
79	100		
52	87.0	70.6	105.8
51	47.9	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 20.753 ng

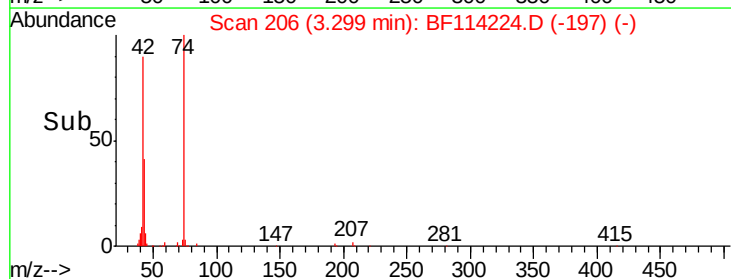
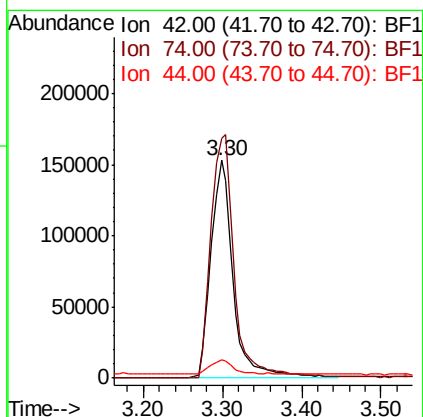
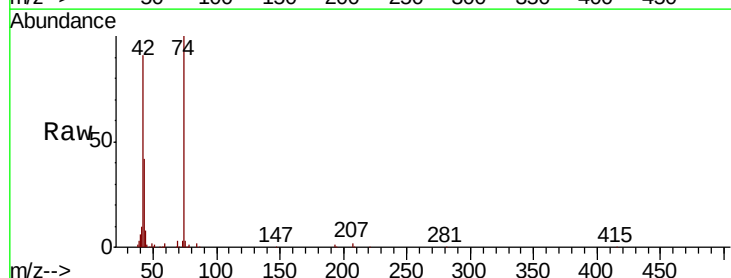
RT: 3.30 min Scan# 206

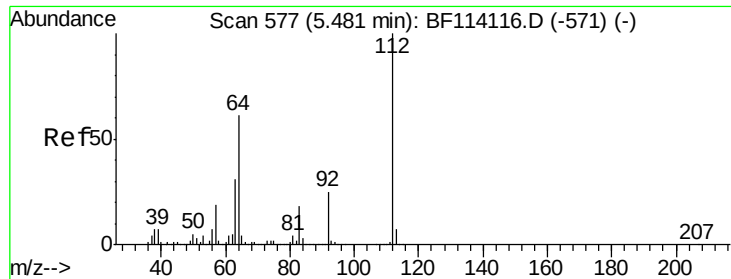
Delta R.T. -0.05 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Tgt Ion:	42	Resp:	293725
Ion Ratio	Lower	Upper	
42	100		
74	110.3	88.6	132.8
44	8.4	5.5	8.3#





#5

2-Fluorophenol

Concen: 73.240 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MS

Tot Ion: 112 Resp: 1419420

Ion Ratio Lower Upper

112 100

64 65.0 49.0 73.6

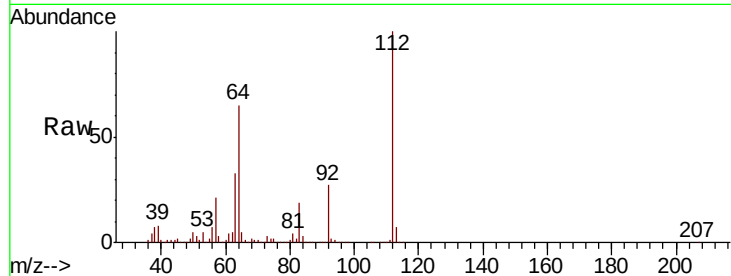
63 32.8 24.6 37.0

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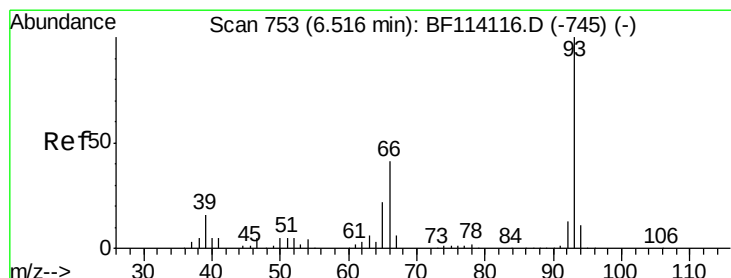
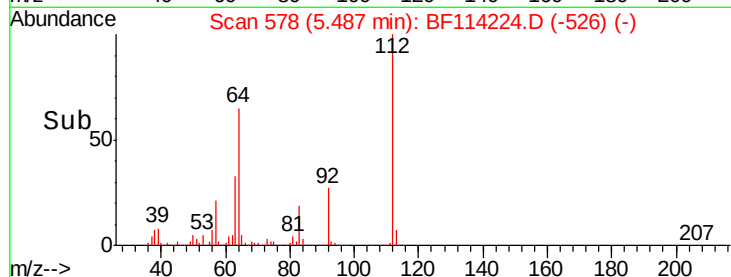
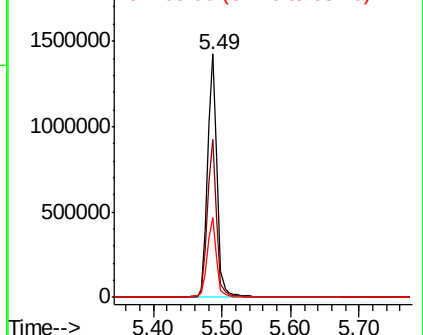
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Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 0.885 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

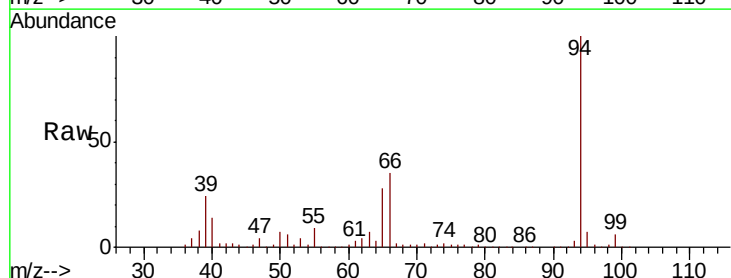
Tgt Ion: 93 Resp: 29301

Ion Ratio Lower Upper

93 100

66 1341.8 33.2 49.8#

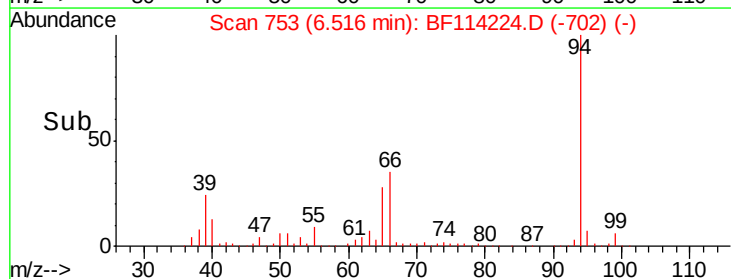
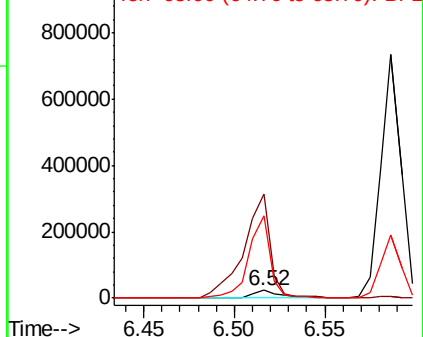
65 1061.2 17.6 26.4#

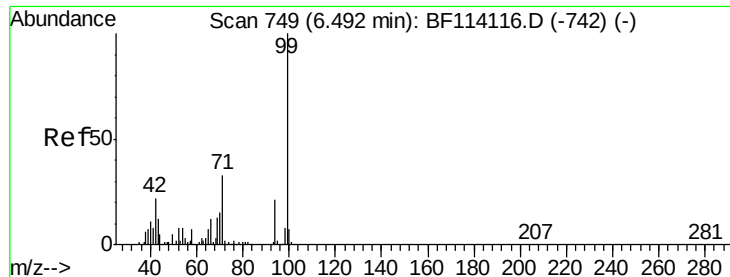


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 80.933 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MS

Tot Ion: 99 Resp: 1855139

Ion Ratio Lower Upper

99 100

42 22.1 17.9 26.9

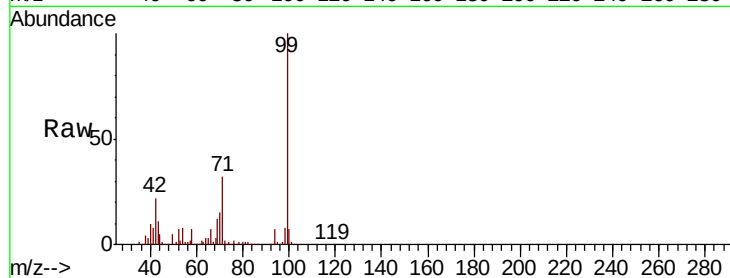
71 32.3 26.2 39.2

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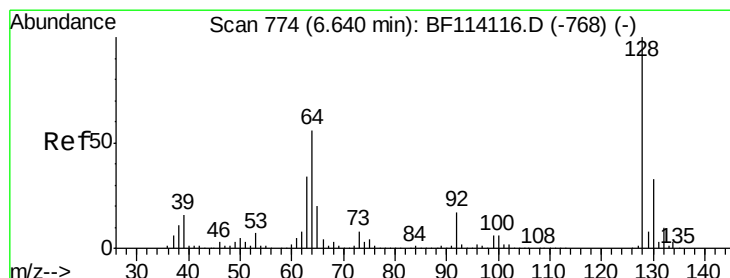
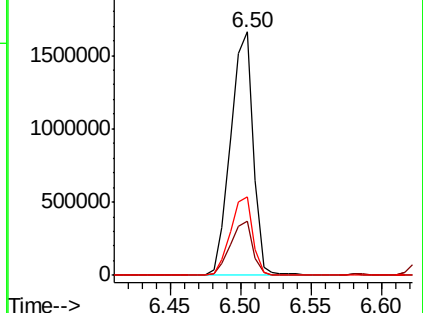
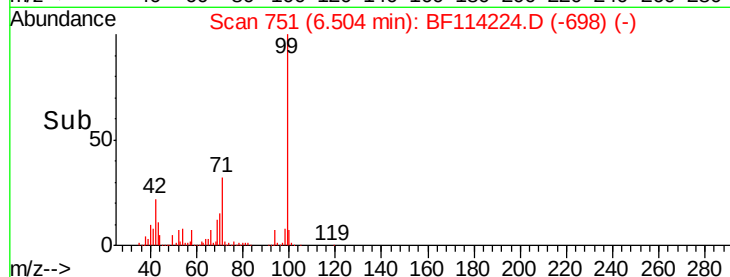
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Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 26.667 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

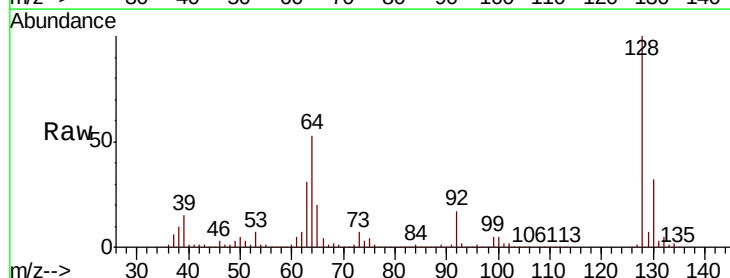
Tgt Ion: 128 Resp: 551739

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

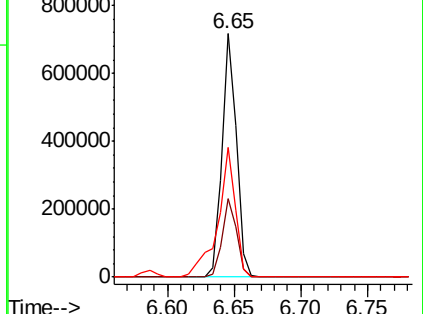
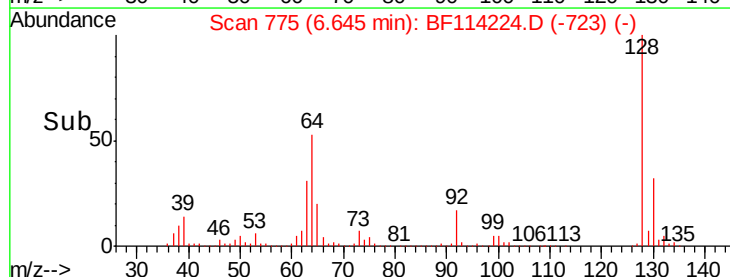
64 53.0 35.9 75.9

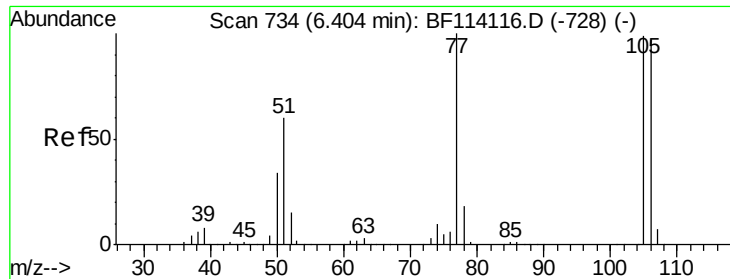


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 10.252 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

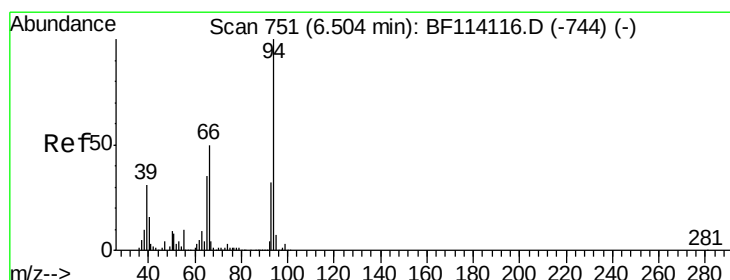
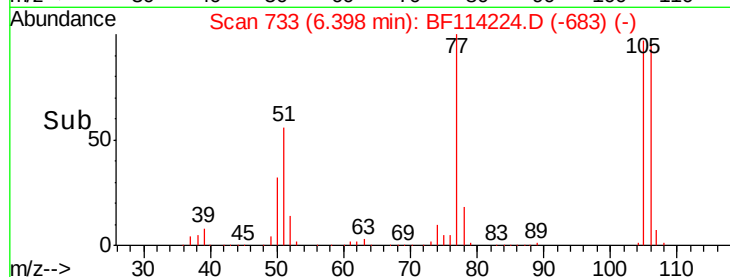
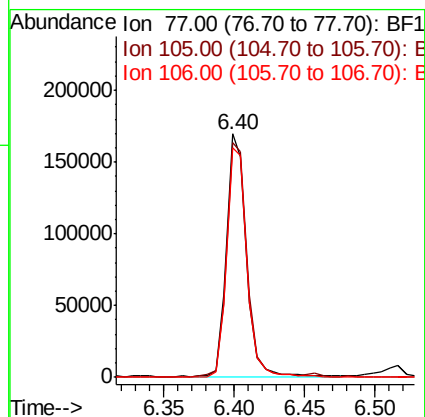
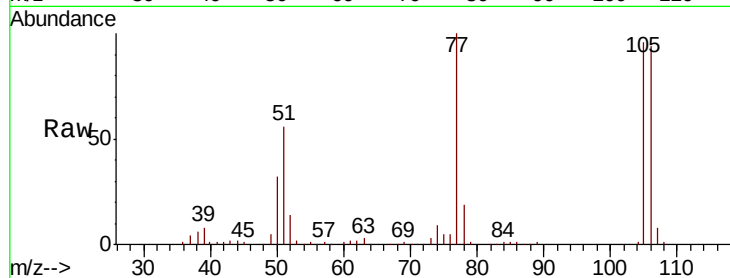
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:	77	Resp:	164515
Ion Ratio	Lower	Upper	
77	100		
105	96.3	79.3	119.3
106	94.4	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 24.510 ng

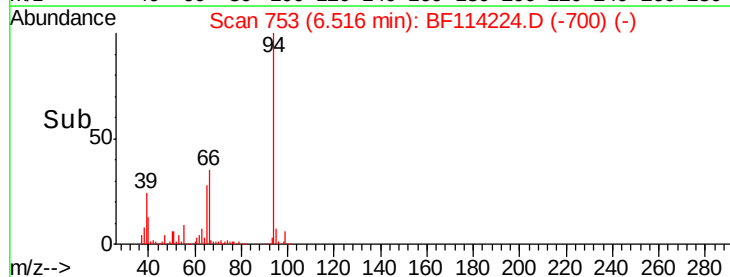
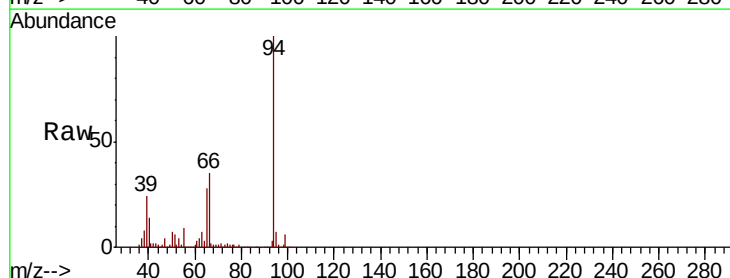
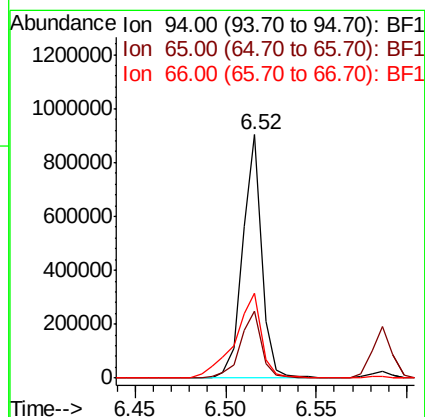
RT: 6.52 min Scan# 753

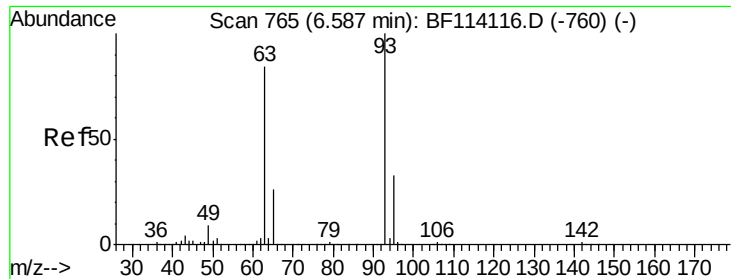
Delta R.T. 0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Tgt Ion:	94	Resp:	660894
Ion Ratio	Lower	Upper	
94	100		
65	27.6	14.7	54.7
66	34.9	29.6	69.6





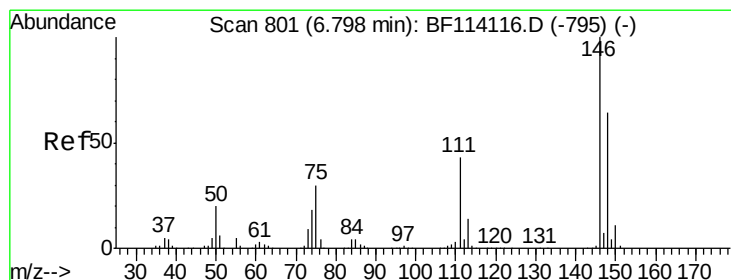
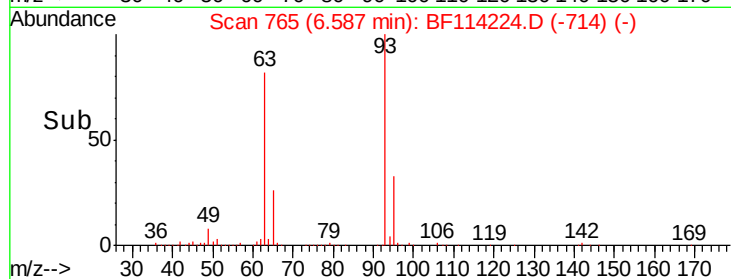
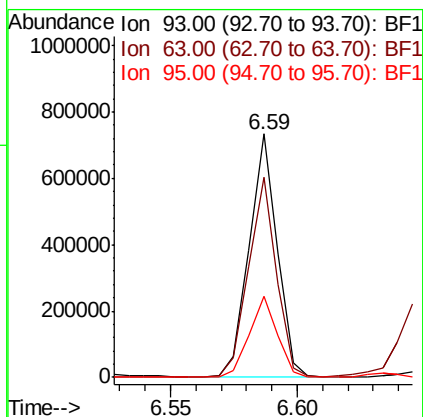
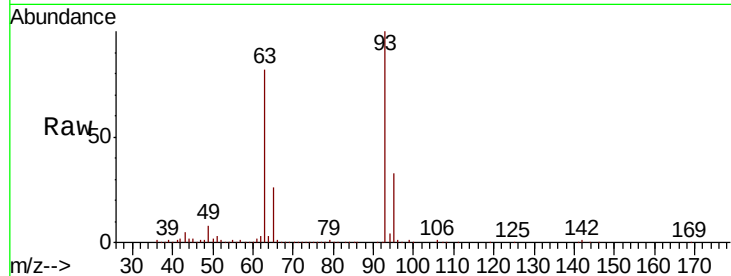
#11
bis(2-Chloroethyl)ether
Concen: 27.557 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	564127		
63	82.4		63.6	103.6
95	33.0		13.1	53.1

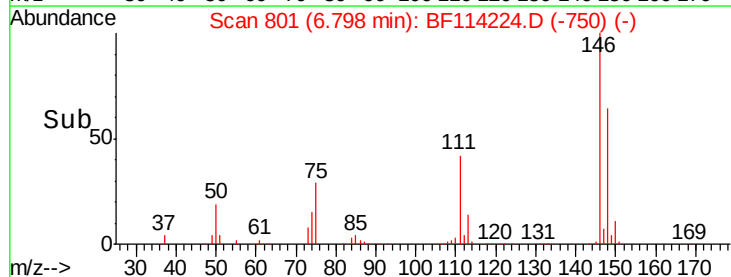
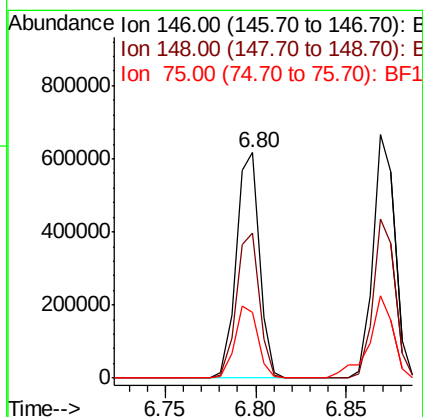
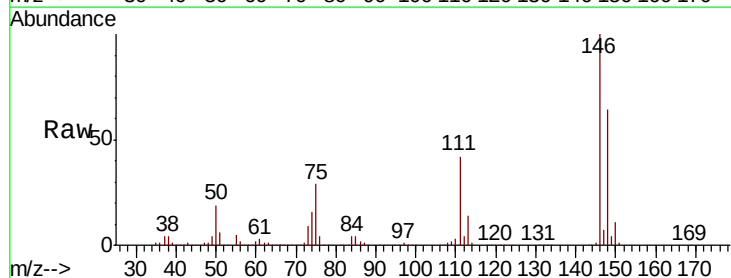
Manual Integrations
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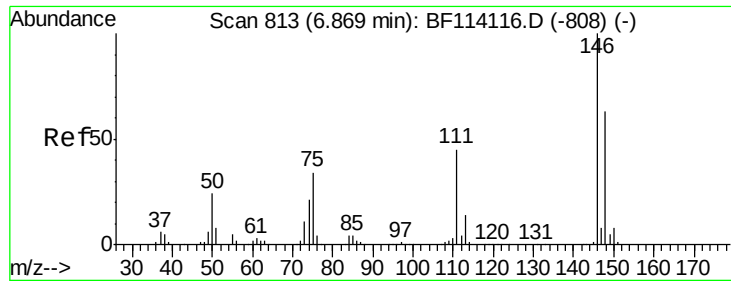
Sohil
5/14/2019 8:03:03 PM



#12
1,3-Dichlorobenzene
Concen: 23.764 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	551897		
148	64.4		51.6	77.4
75	29.3		24.2	36.2





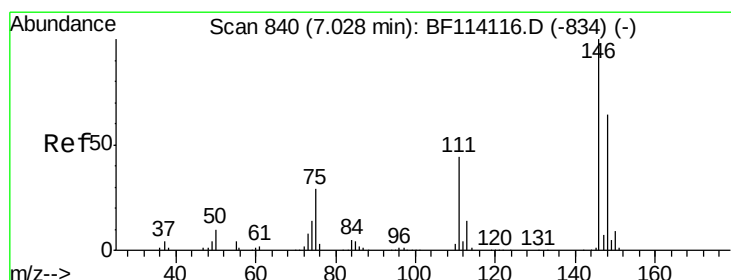
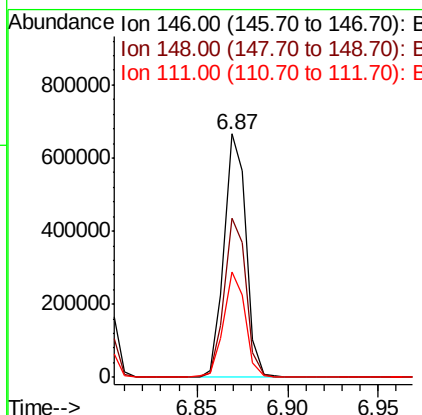
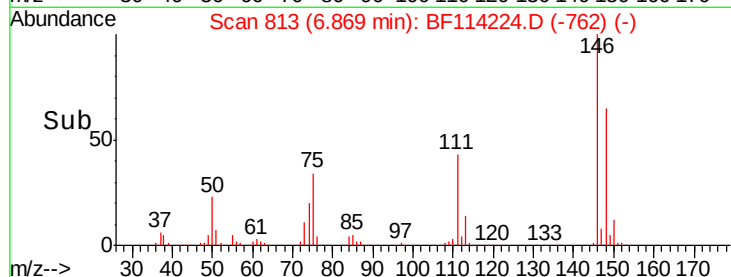
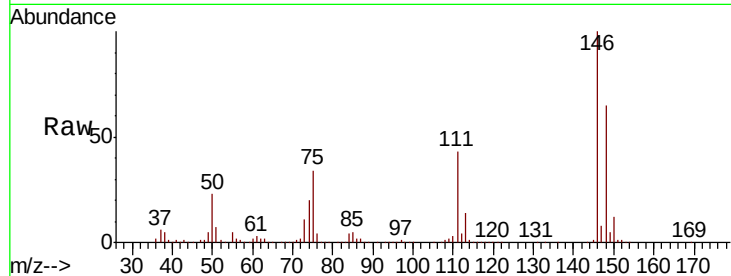
#13
 1,4-Dichlorobenzene
 Concen: 24.055 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.00 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.1	50.2	75.2
111	43.4	35.8	53.6

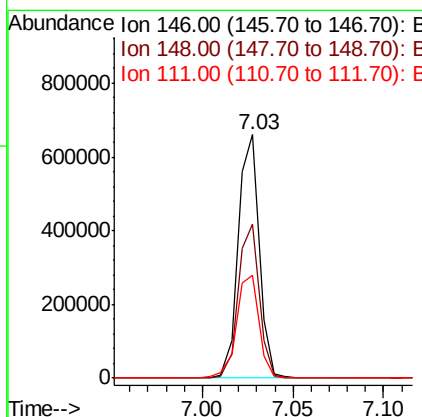
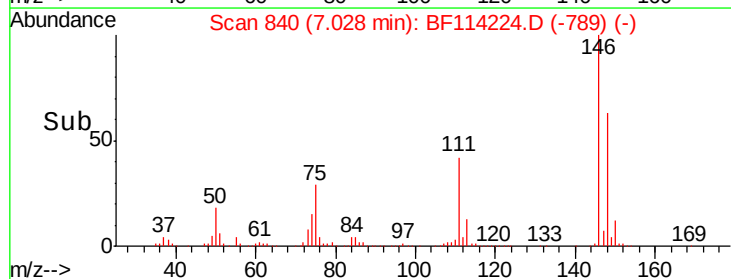
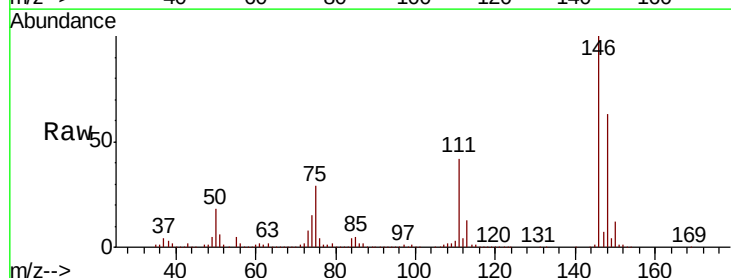
Manual Integrations
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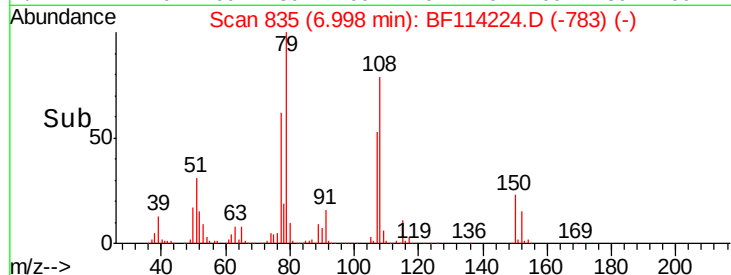
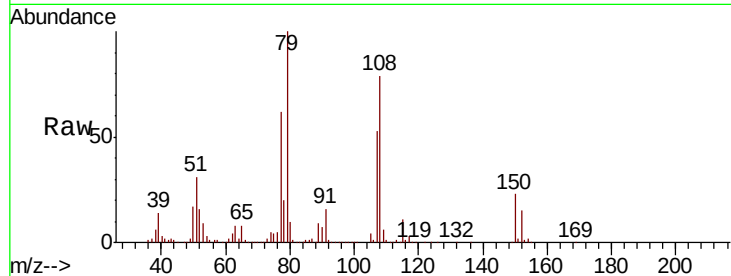
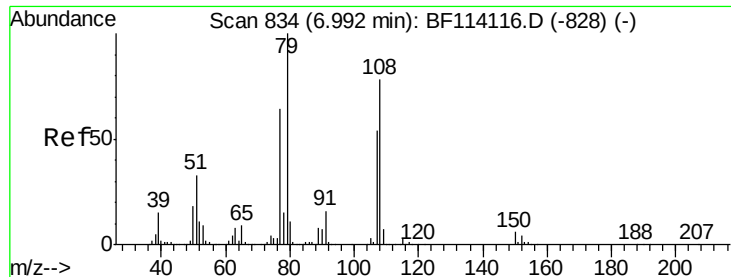
Sohil
 5/14/2019 8:03:03 PM



#14
 1,2-Dichlorobenzene
 Concen: 24.871 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.1	76.7
111	42.1	35.3	52.9





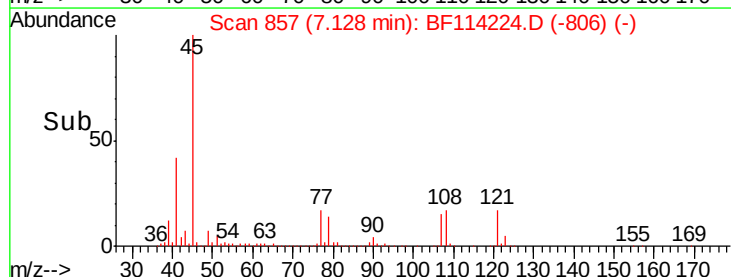
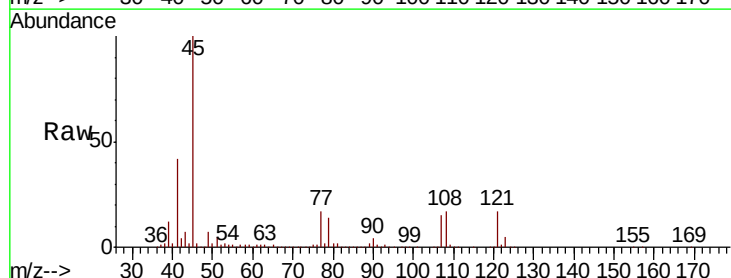
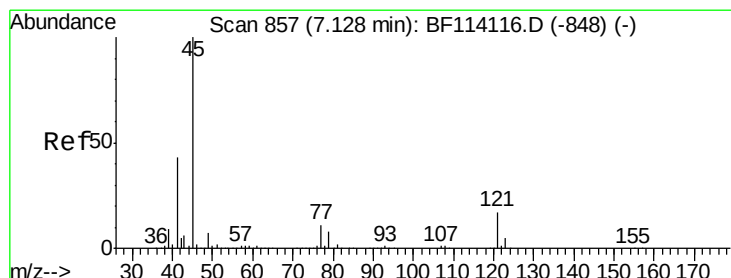
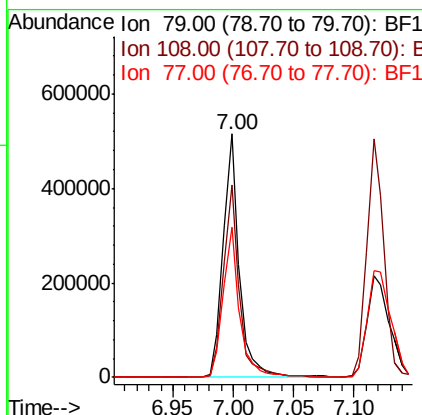
#15
Benzyl Alcohol
Concen: 26.601 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.0	62.1	93.1
77	61.6	51.0	76.6

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

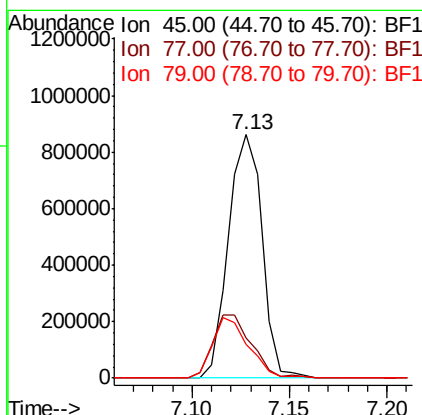
Manual Integrations
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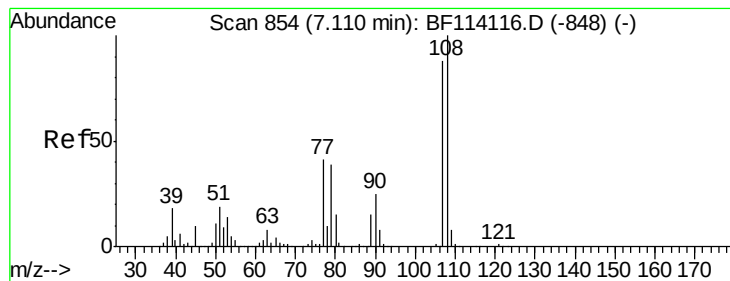
Sohil
5/14/2019 8:03:03 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 25.917 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.7	0.0	31.1
79	13.9	0.0	28.4





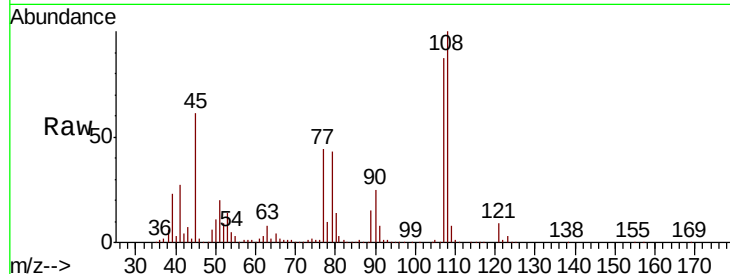
#17
2-Methylphenol
Concen: 25.871 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

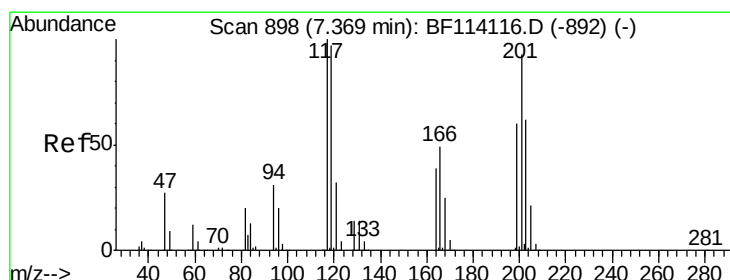
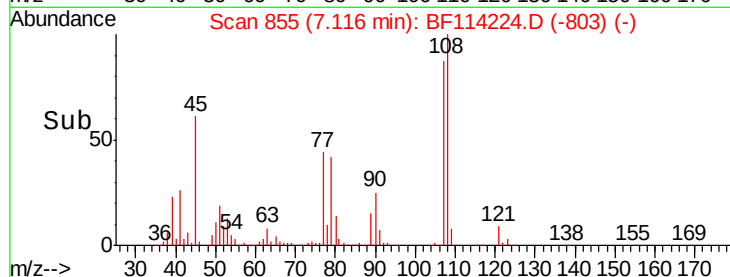
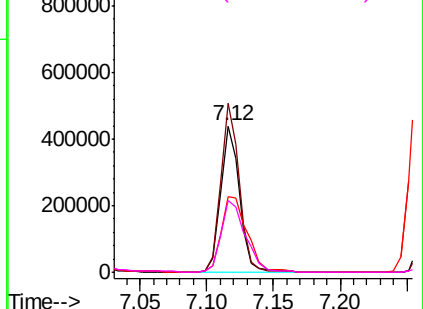
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	90.5	135.7	
77	51.1	37.0	55.4	
79	48.9	35.8	53.8	

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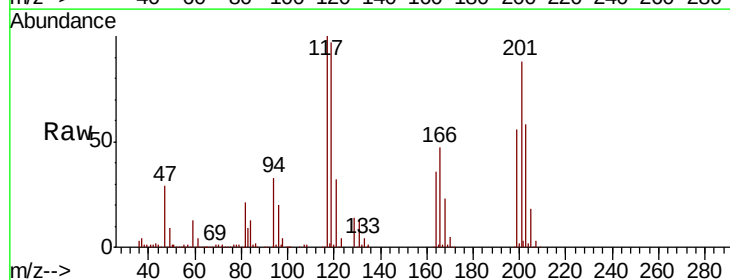


Abundance Ion 107.00 (106.70 to 107.70): E
1000000 Ion 108.00 (107.70 to 108.70): E
800000 Ion 77.00 (76.70 to 77.70): BF1
600000 Ion 79.00 (78.70 to 79.70): BF1
400000
200000
0

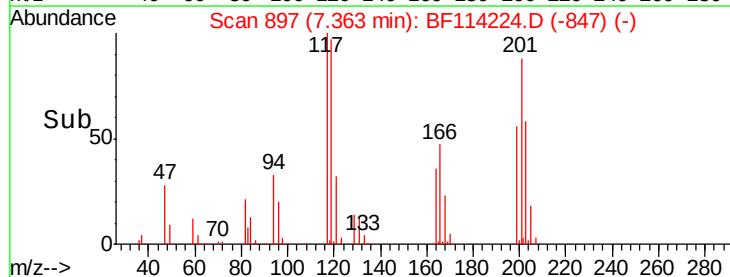
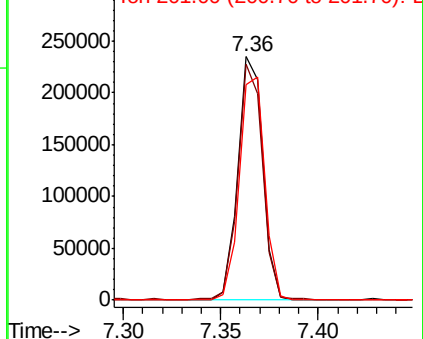


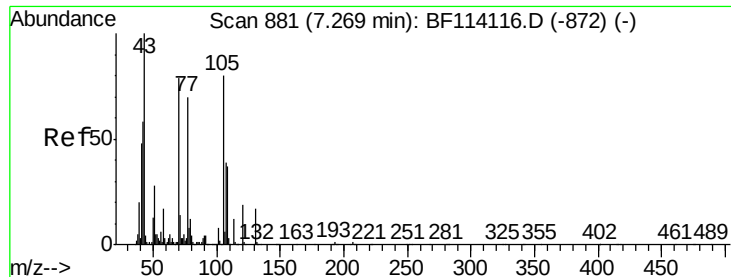
#18
Hexachloroethane
Concen: 23.745 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.1	77.4	116.2	
201	88.4	74.5	111.7	



Abundance Ion 117.00 (116.70 to 117.70): E
300000 Ion 119.00 (118.70 to 119.70): E
250000 Ion 201.00 (200.70 to 201.70): E
200000
150000
100000
50000
0





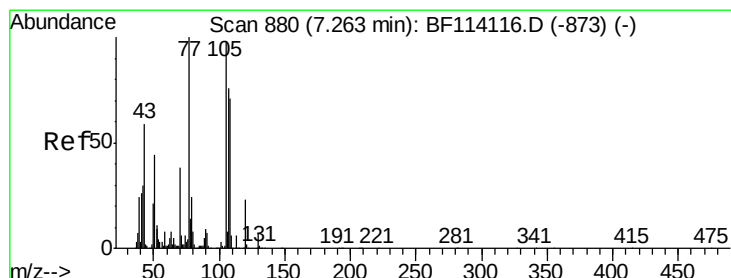
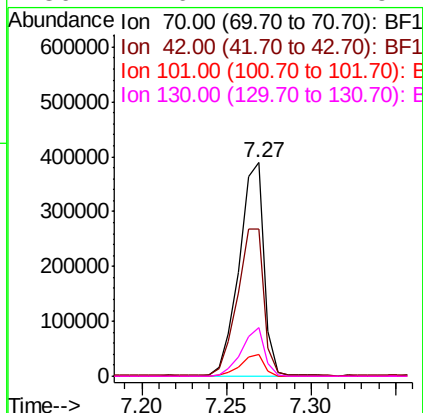
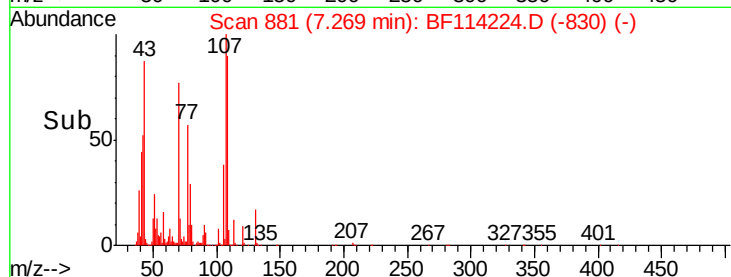
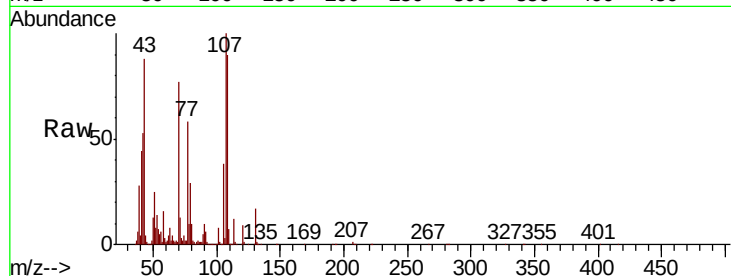
#19
n-Nitroso-di-n-propylamine
Concen: 27.457 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	68.7	58.6	87.8	
101	10.2	7.8	11.8	
130	22.6	17.1	25.7	

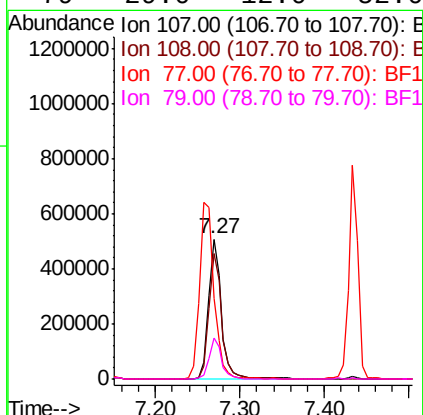
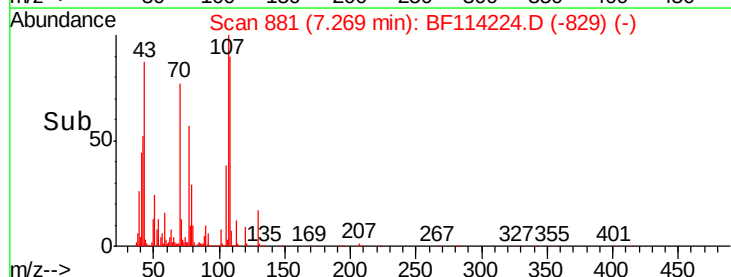
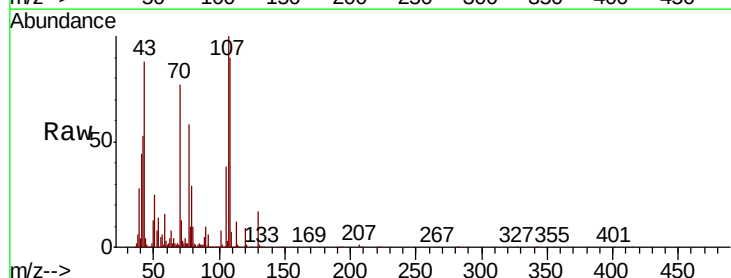
Manual Integrations
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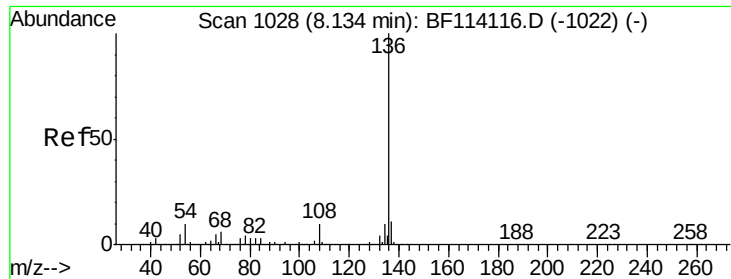
Sohil
5/14/2019 8:03:03 PM



#20
3+4-Methylphenols
Concen: 27.375 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.0	73.8	113.8	
77	57.6	111.5	151.5	
79	29.0	12.0	52.0	





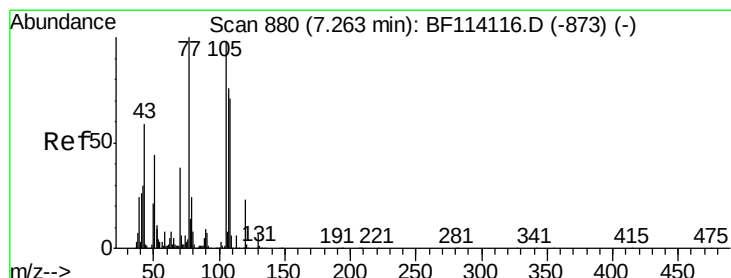
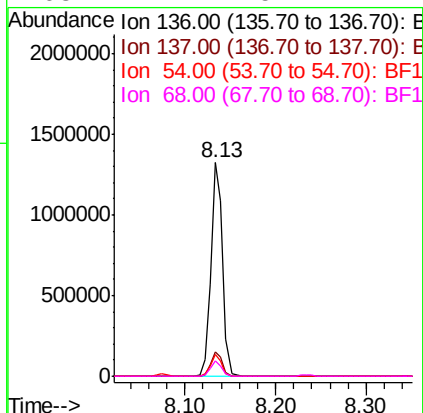
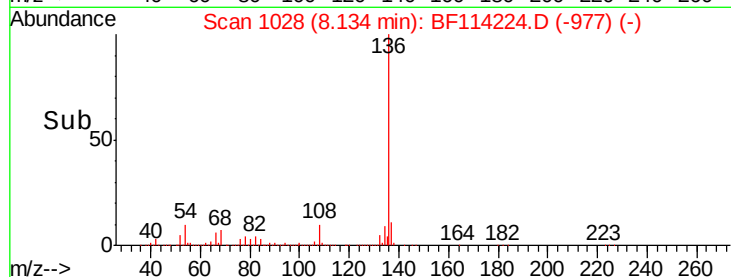
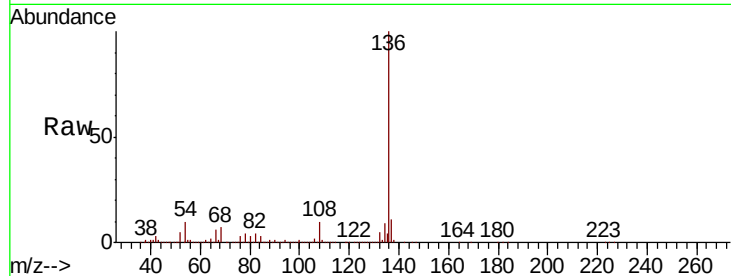
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	136	Resp	1191075
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	10.1	7.8	11.8
68	7.1	5.1	7.7

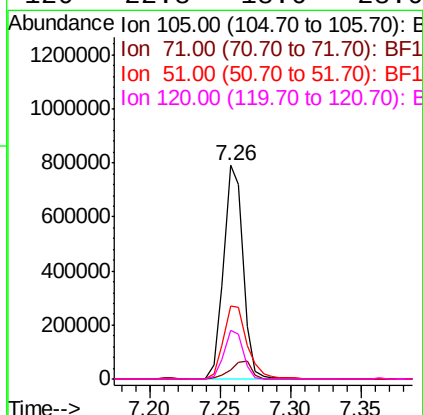
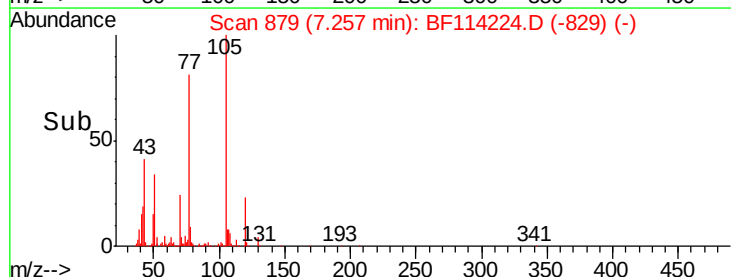
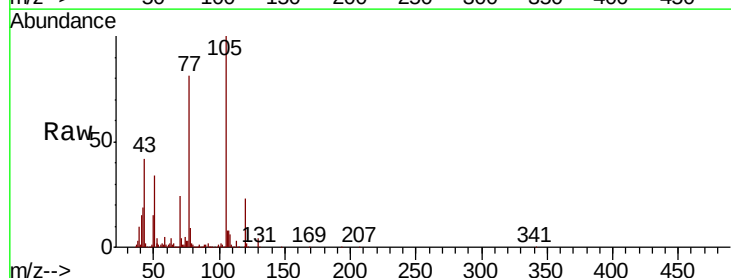
Manual Integrations
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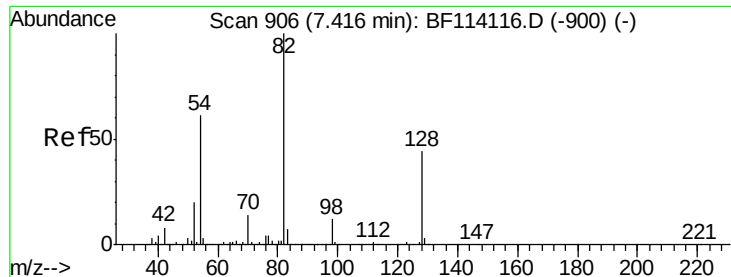
Sohil
5/14/2019 8:03:03 PM



#22
Acetophenone
Concen: 28.863 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	105	Resp	761577
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.3	7.9#
51	34.3	36.2	54.4#
120	22.8	18.6	28.0





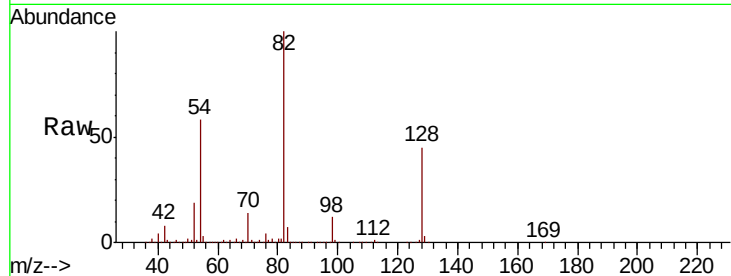
#23
 Nitrobenzene-d5
 Concen: 57.060 ng
 RT: 7.42 min Scan# 906
 Delta R.T. 0.00 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.5	53.3
54	57.7	48.5	72.7

Manual Integrations
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 5/14/2019 8:03:03 PM

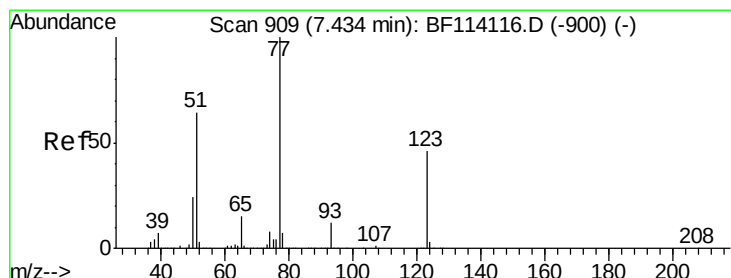
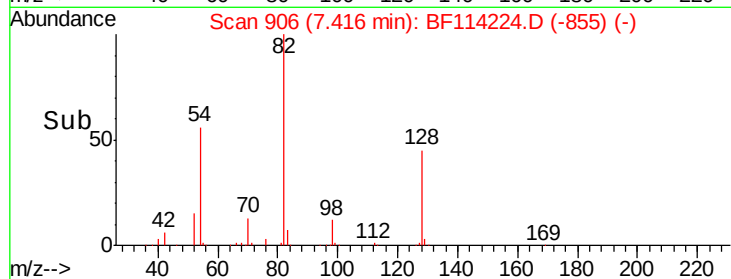
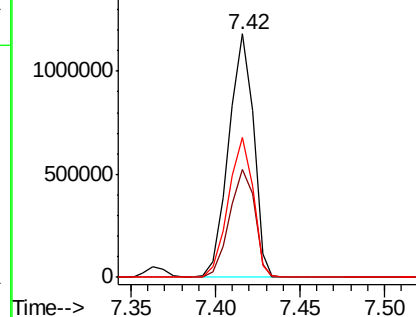


Abundance

Ion 82.00 (81.70 to 82.70): BF1

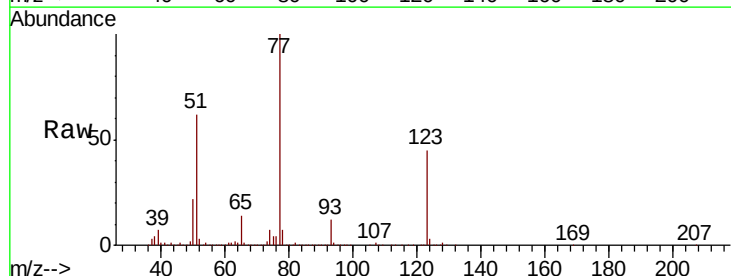
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 27.915 ng
 RT: 7.43 min Scan# 909
 Delta R.T. 0.00 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.4	36.9	55.3
65	14.2	11.8	17.6

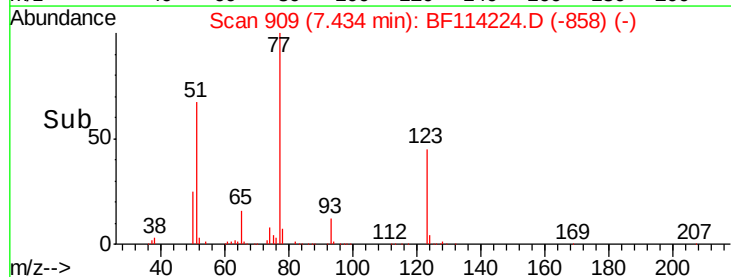
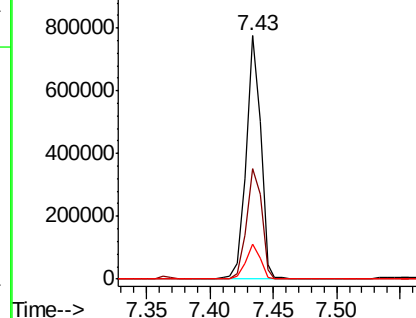


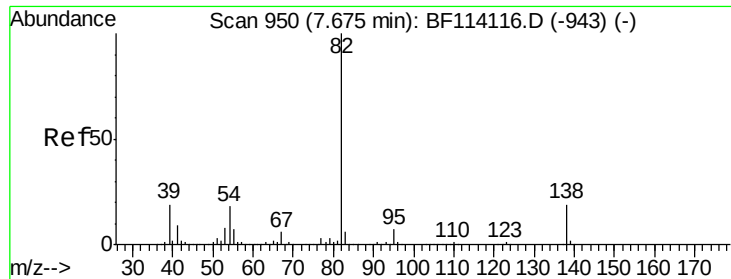
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





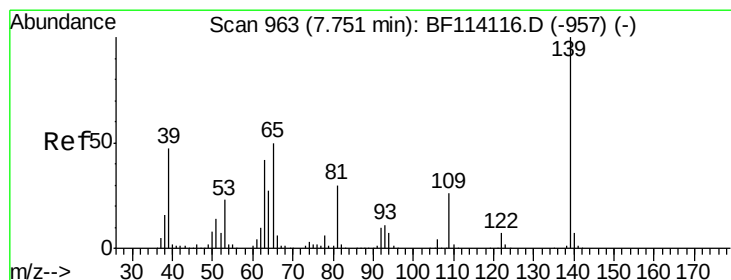
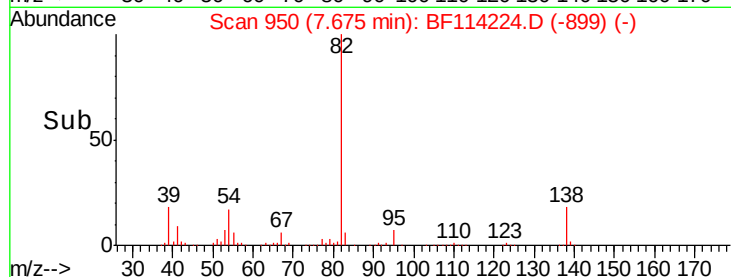
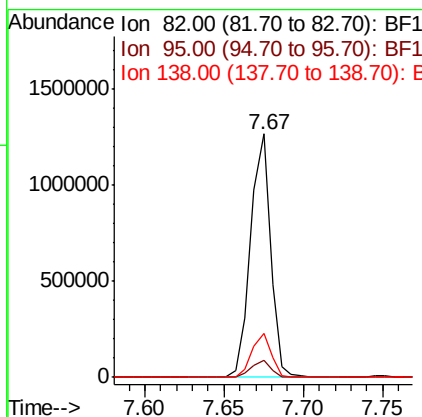
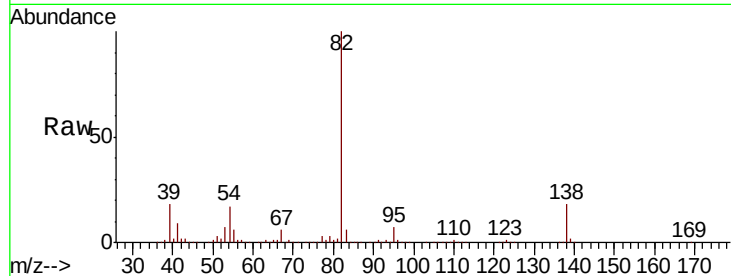
#25
Isophorone
Concen: 28.265 ng
RT: 7.67 min Scan# 950
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	18.2	14.8	22.2

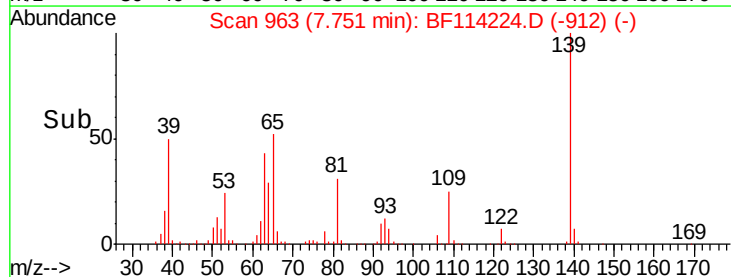
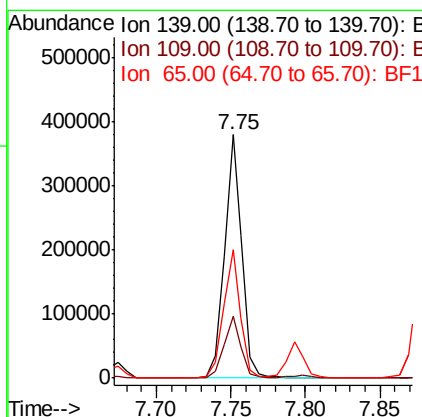
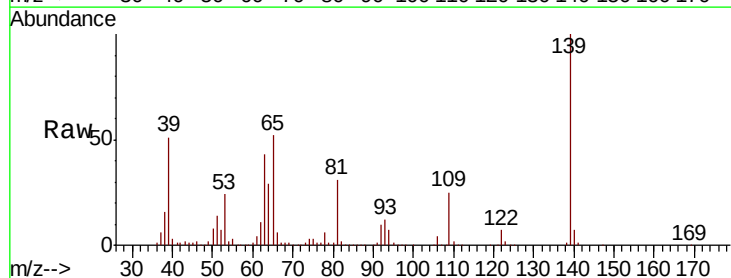
Manual Integrations
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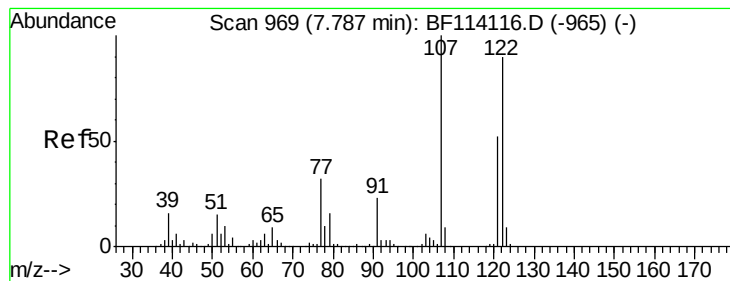
Sohil
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#26
2-Nitrophenol
Concen: 29.651 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	25.2	20.7	31.1
65	52.5	40.2	60.2





#27

2,4-Dimethylphenol

Concen: 27.698 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

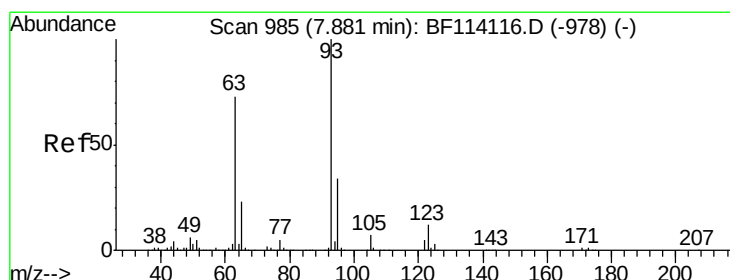
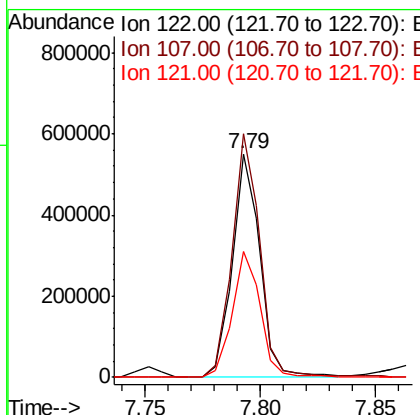
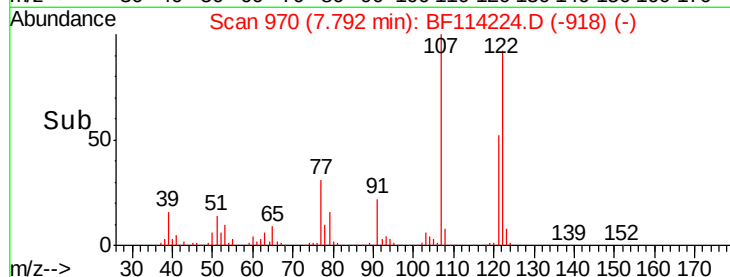
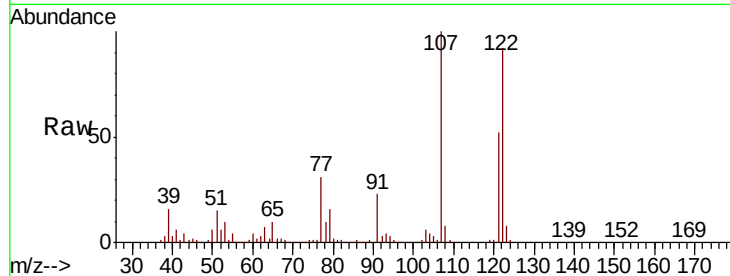
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:	122	Resp:	456224
Ion Ratio	Lower	Upper	
122	100		
107	108.9	88.4	132.6
121	56.4	45.9	68.9

Manual Integrations
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5/14/2019 8:03:03 PM



#28

bis(2-Chloroethoxy)methane

Concen: 28.699 ng

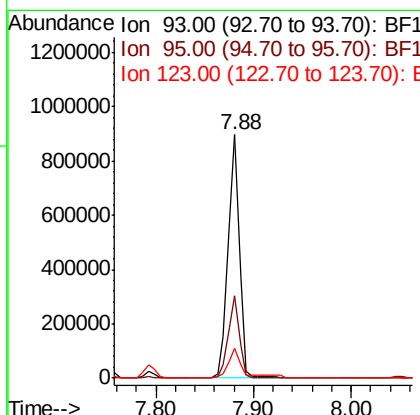
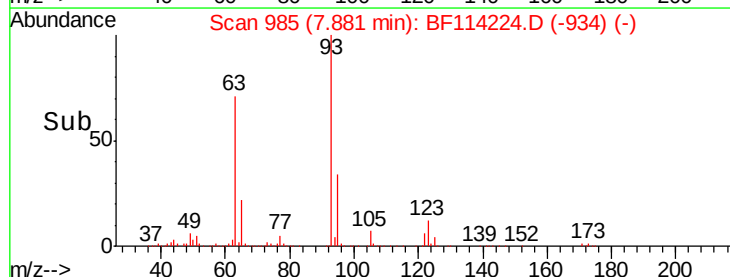
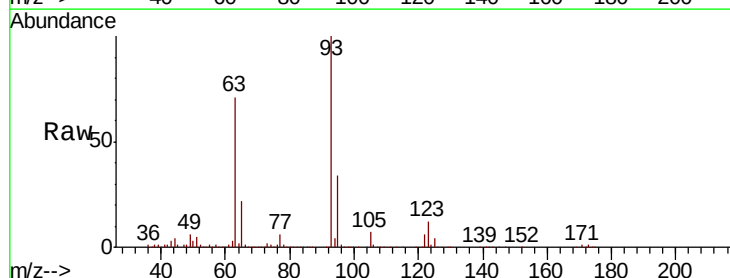
RT: 7.88 min Scan# 985

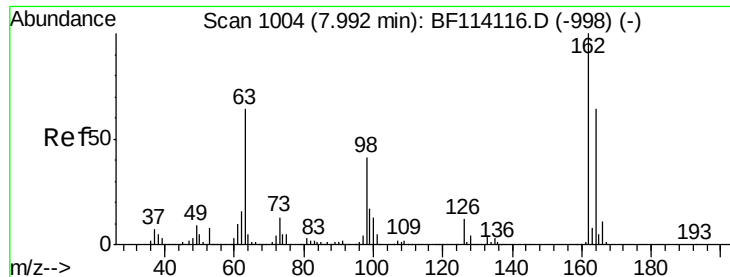
Delta R.T. 0.00 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Tgt Ion:	93	Resp:	732958
Ion Ratio	Lower	Upper	
93	100		
95	34.1	26.8	40.2
123	12.1	9.5	14.3





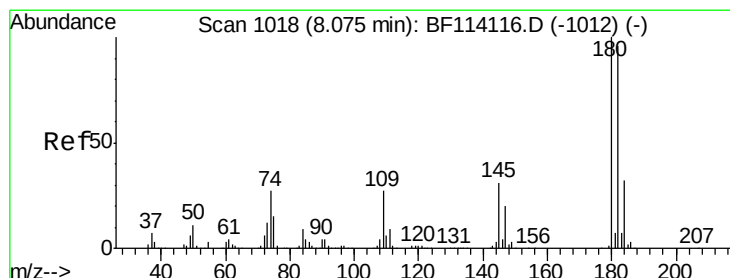
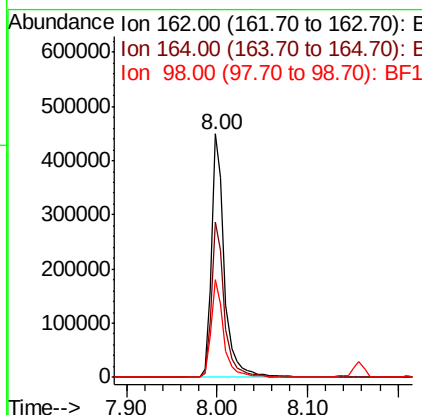
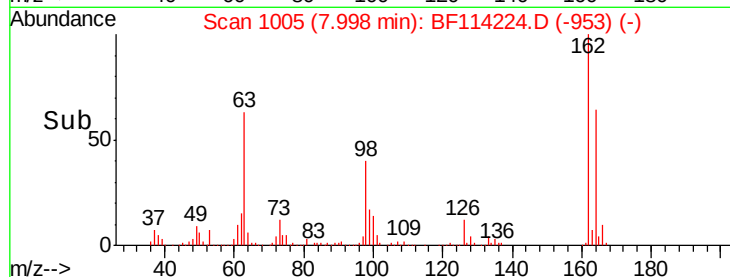
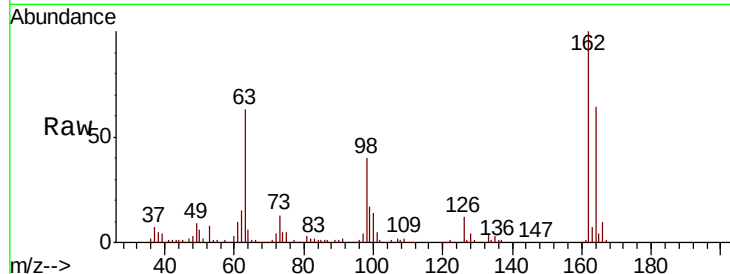
#29
 2,4-Dichlorophenol
 Concen: 27.525 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	451456		
164	63.9	43.6	83.6	
98	40.3	20.6	60.6	

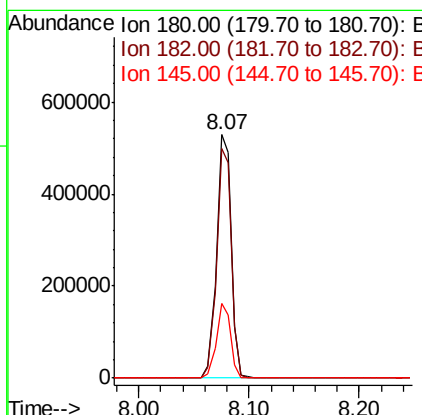
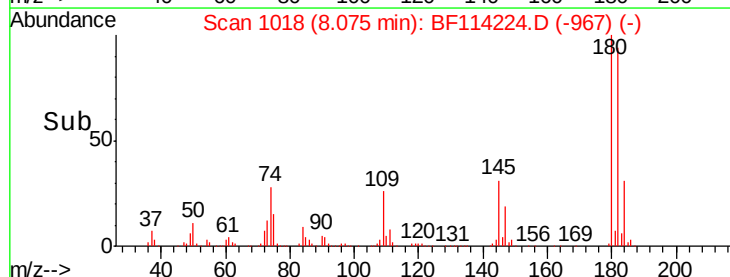
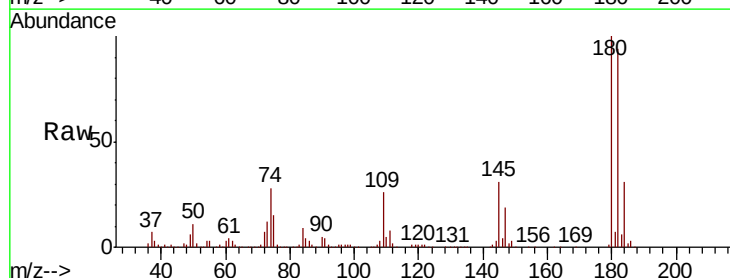
Manual Integrations
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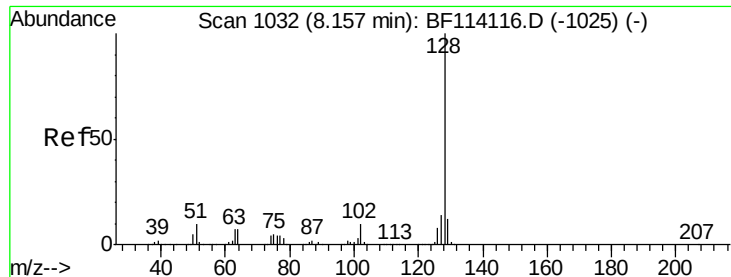
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 5/14/2019 8:03:03 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 26.077 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	486367		
182	94.5	76.6	114.8	
145	30.6	25.1	37.7	





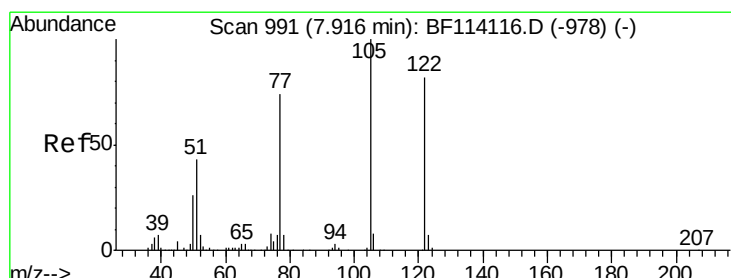
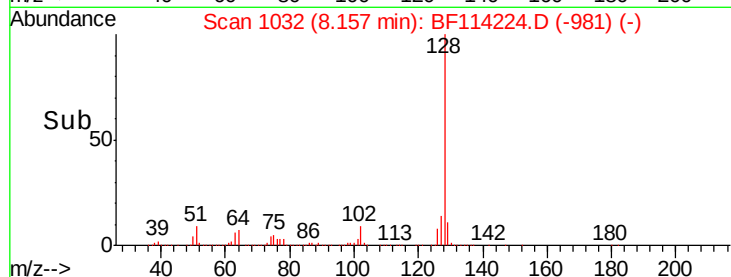
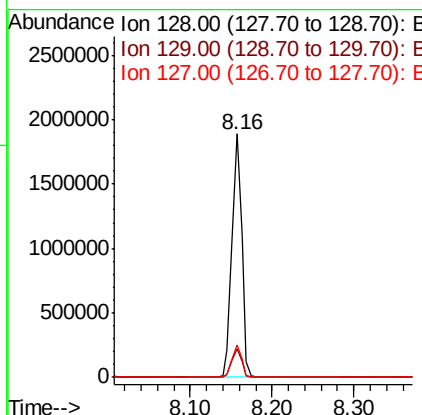
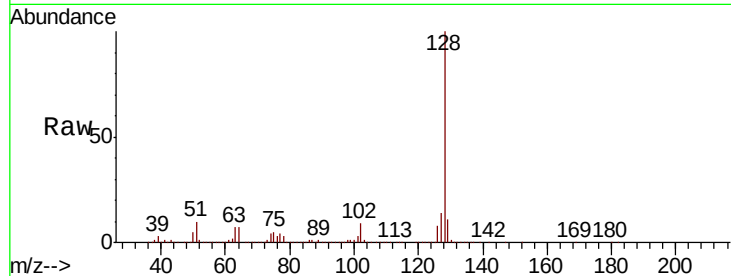
#31
Naphthalene
Concen: 28.191 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.5	11.3	16.9

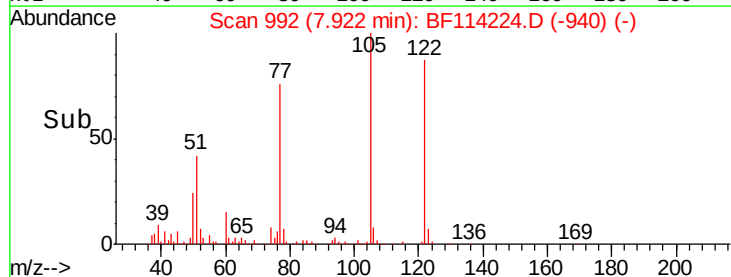
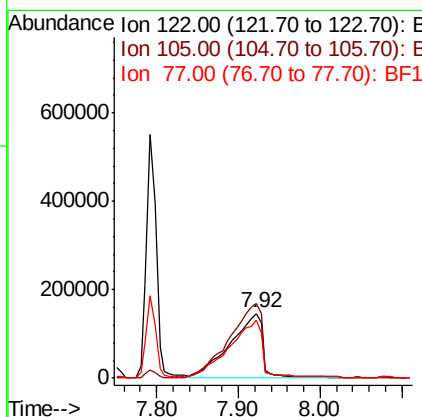
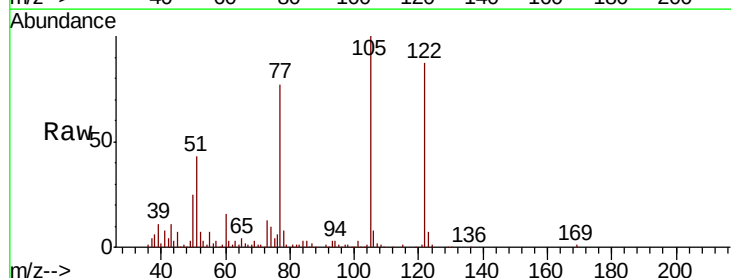
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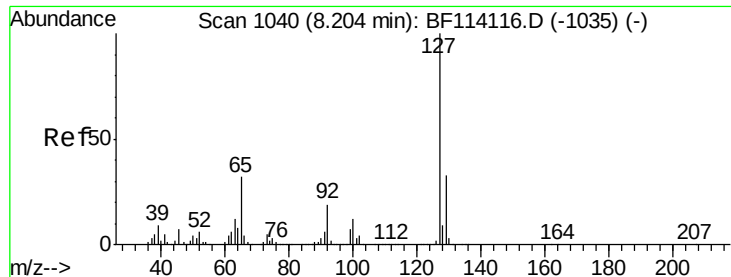
Sohil
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#32
Benzoic acid
Concen: 36.174 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.9	99.9	139.9
77	88.8	69.4	109.4





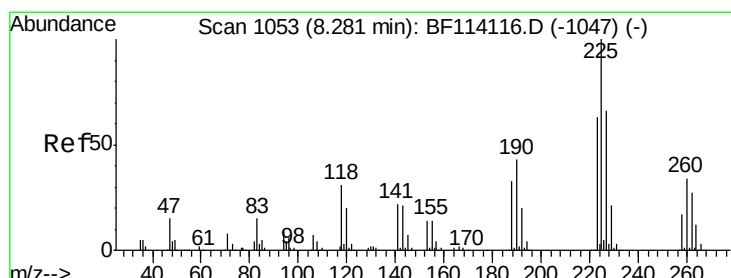
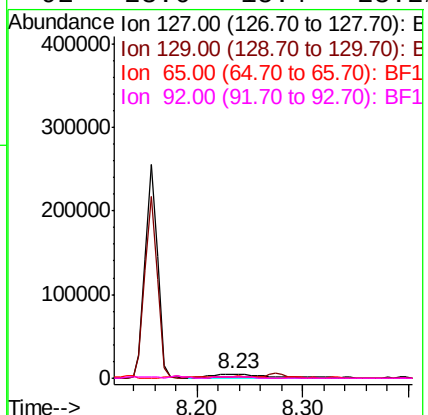
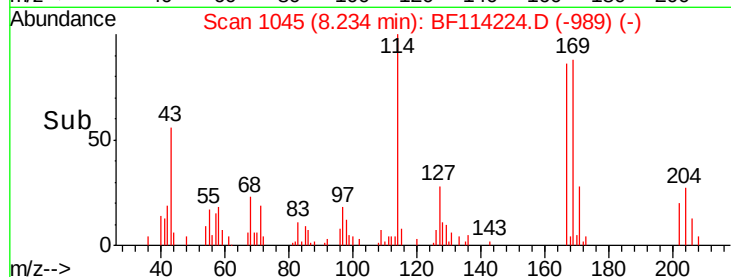
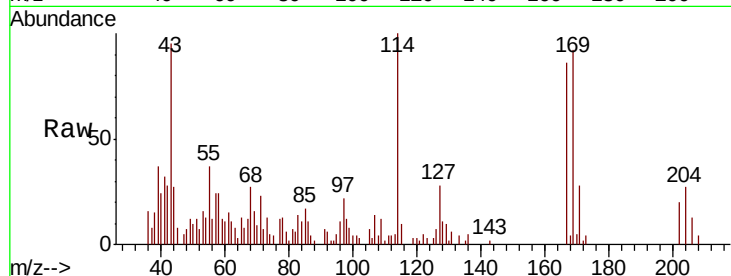
#33
4-Chloroaniline
Concen: 0.635 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.03 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.8	26.7	40.1	
65	46.9	25.4	38.0	
92	23.6	15.4	23.2	

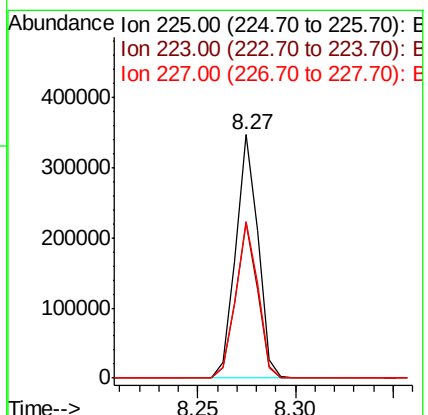
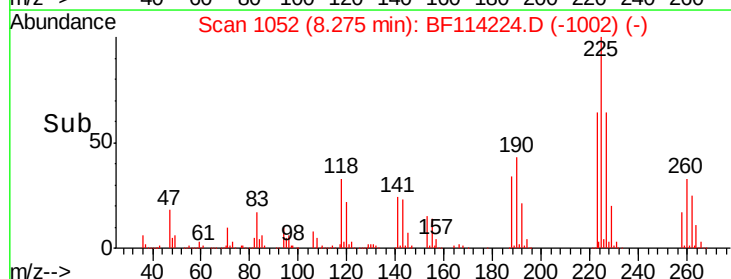
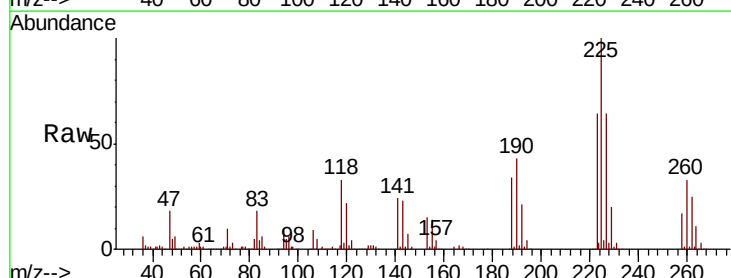
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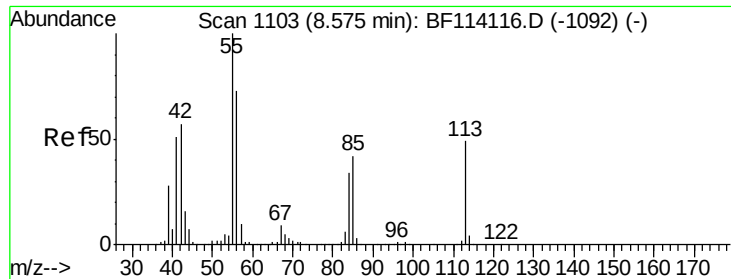
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#34
Hexachlorobutadiene
Concen: 25.849 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.2	75.2	
227	64.2	52.6	79.0	





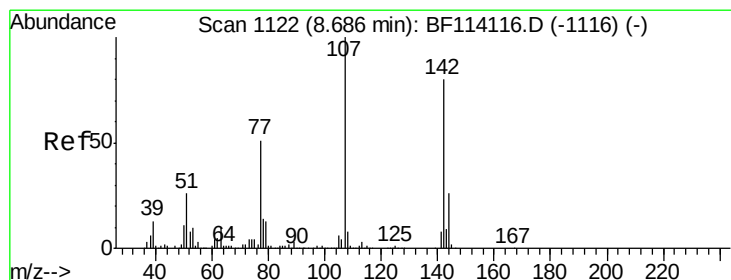
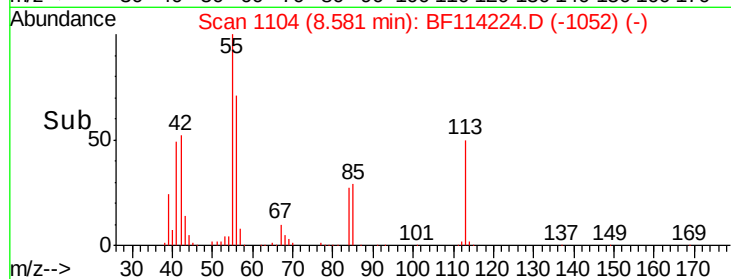
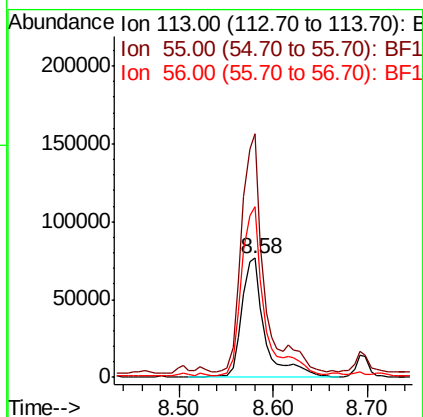
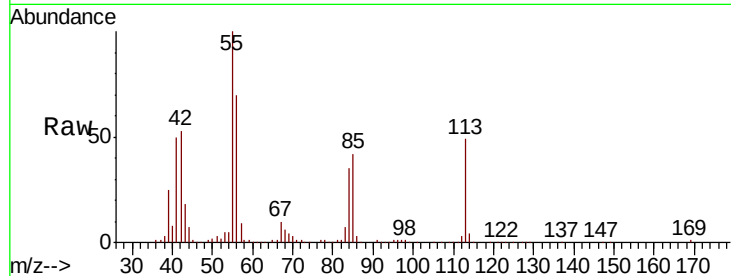
#35
 Caprolactam
 Concen: 23.878 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. 0.01 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	204.3		183.5	223.5	
56	142.7		128.8	168.8	

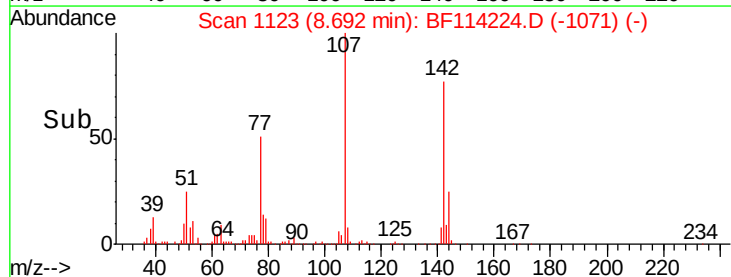
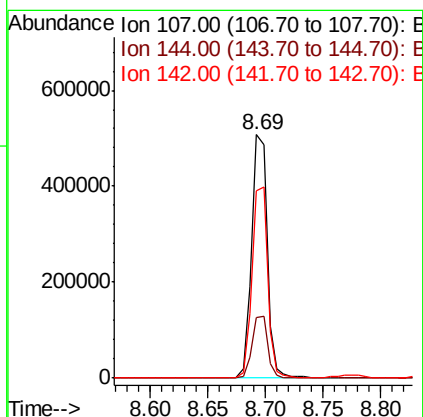
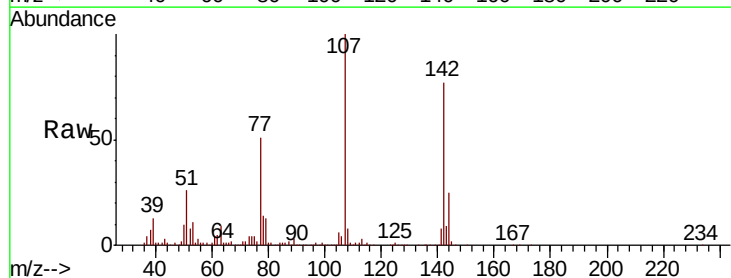
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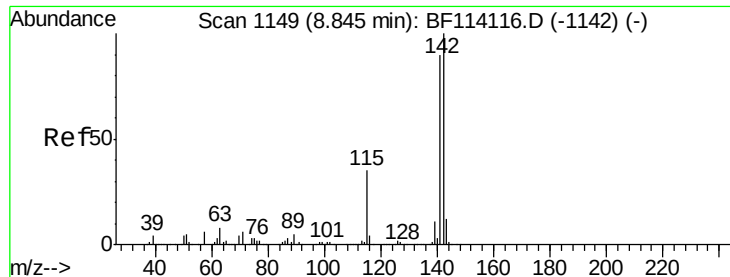
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#36
 4-Chloro-3-methylphenol
 Concen: 28.948 ng
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	24.8		20.4	30.6	
142	77.0		64.2	96.4	





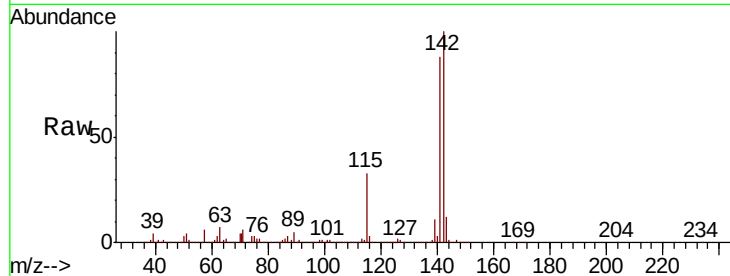
#37
2-Methylnaphthalene
Concen: 29.693 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.1	108.1
115	33.2	28.0	42.0

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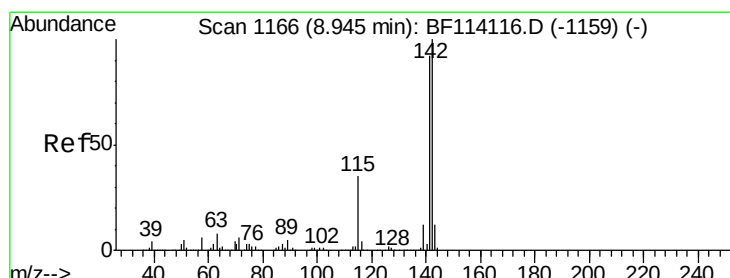
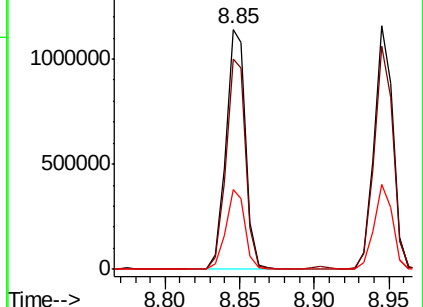
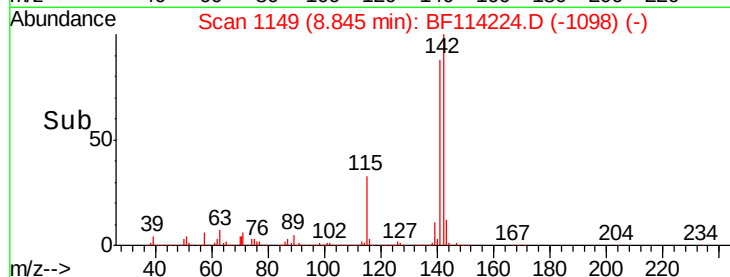


Abundance

Ion 142.00 (141.70 to 142.70): E

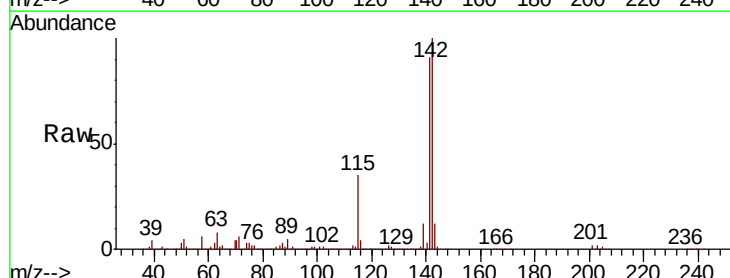
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 29.322 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.4	110.0
116	3.7	3.1	4.7

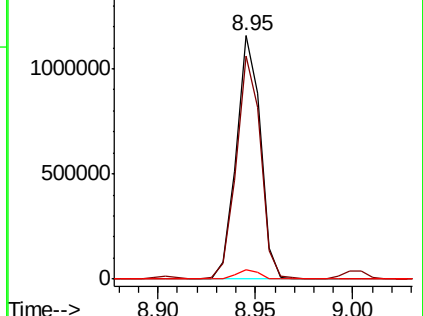
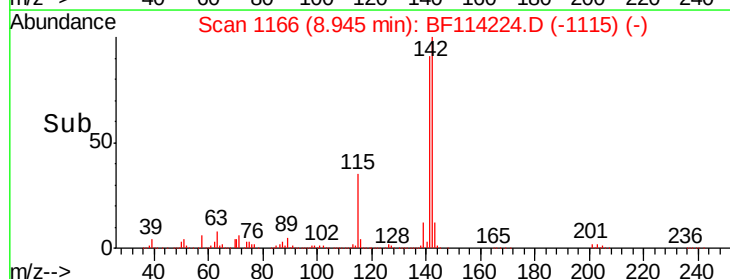


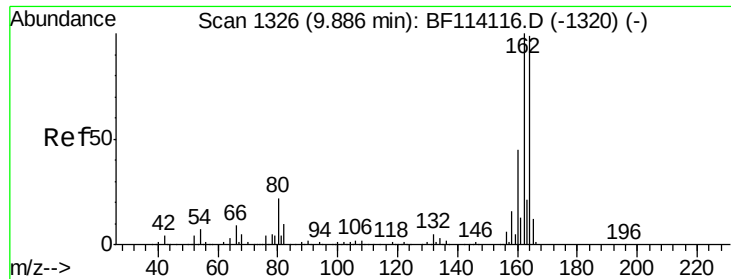
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





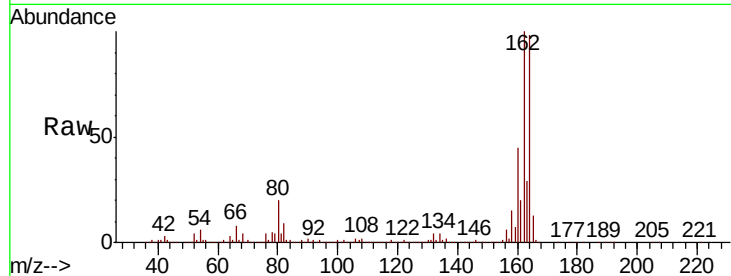
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	45.5	36.5	54.7

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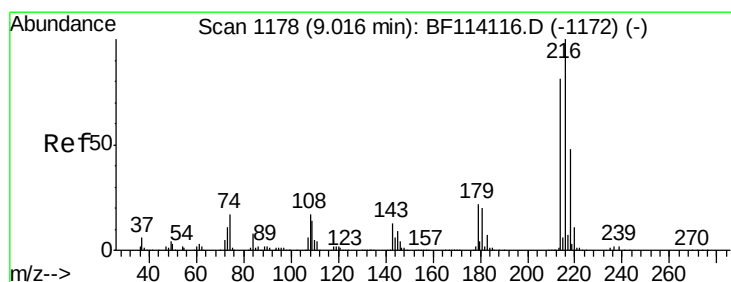
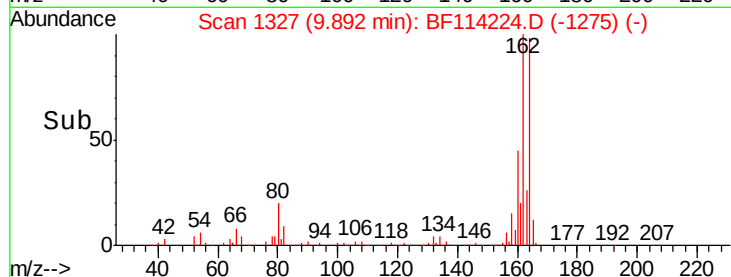
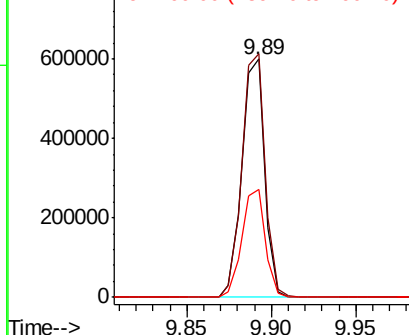


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 28.278 ng
RT: 9.02 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.5	63.9	95.9
179	21.2	17.0	25.6
108	19.3	14.8	22.2

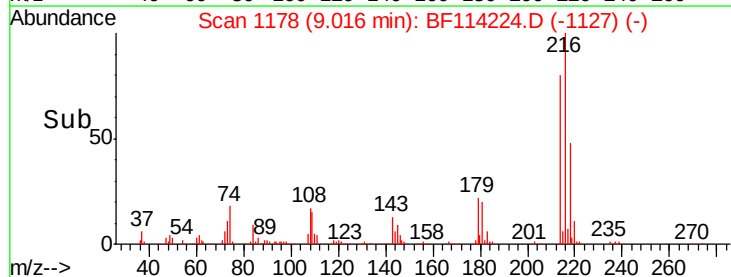
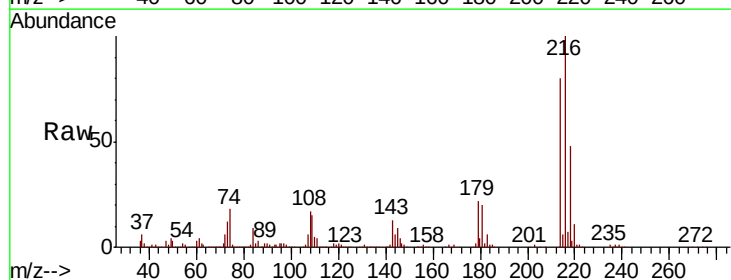
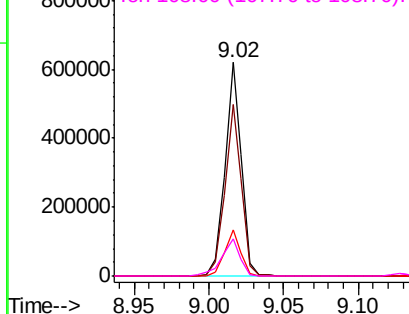
Abundance

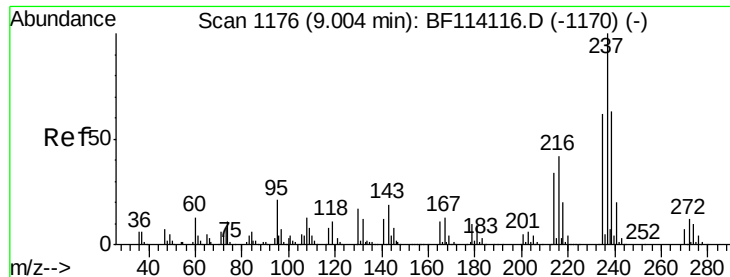
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.686 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

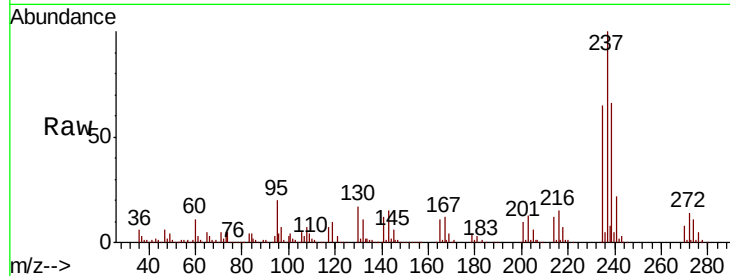
ClientSampleId :

P026-SS008-0206-01MS

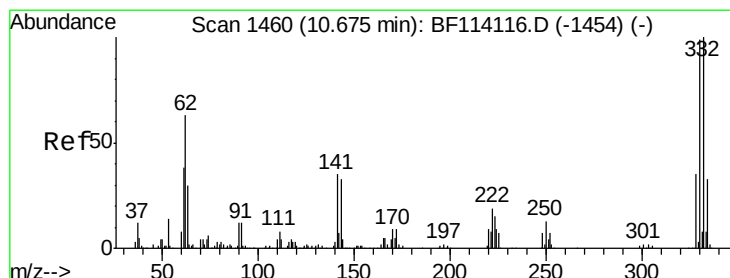
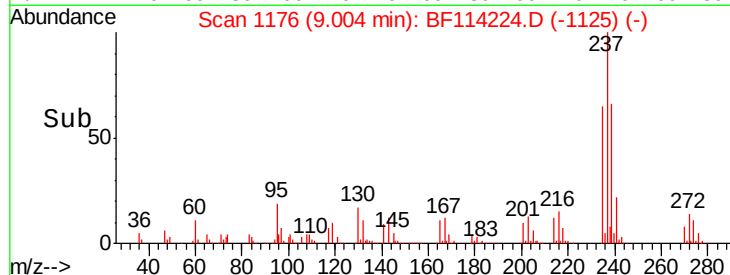
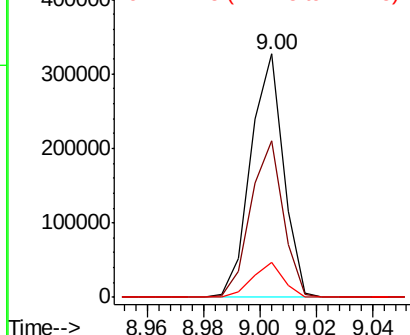
Tot Ion:	237	Resp:	262843
Ion Ratio	Lower	Upper	
237	100		
235	64.6	42.0	82.0
272	14.3	0.0	32.4

Manual Integrations
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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: 77.467 ng

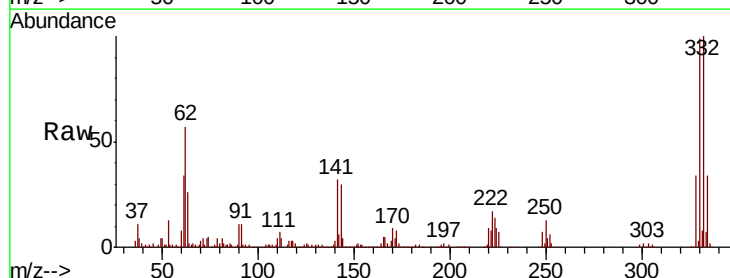
RT: 10.68 min Scan# 1461

Delta R.T. 0.01 min

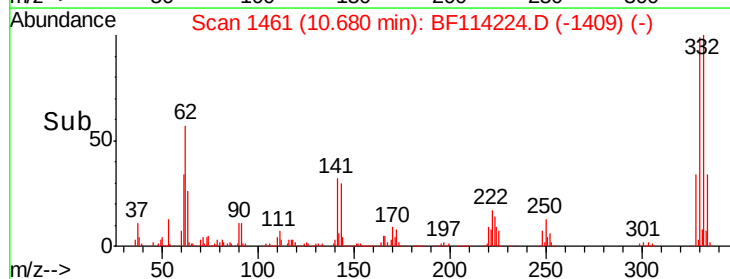
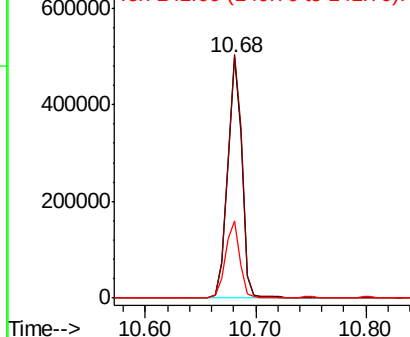
Lab File: BF114224.D

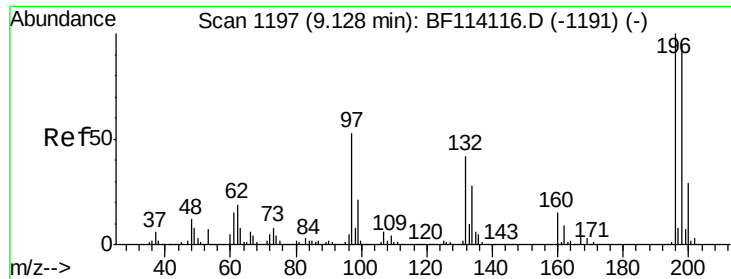
Acq: 13 May 2019 13:13

Tgt Ion:	330	Resp:	449911
Ion Ratio	Lower	Upper	
330	100		
332	101.9	81.4	122.2
141	32.1	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





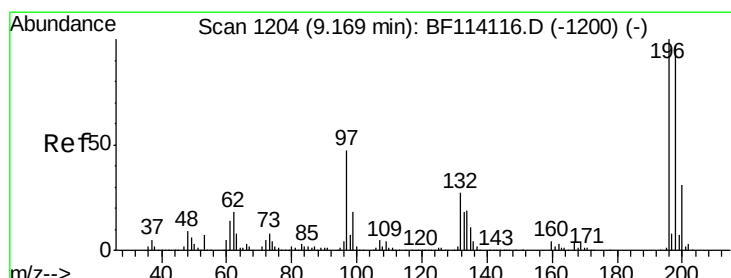
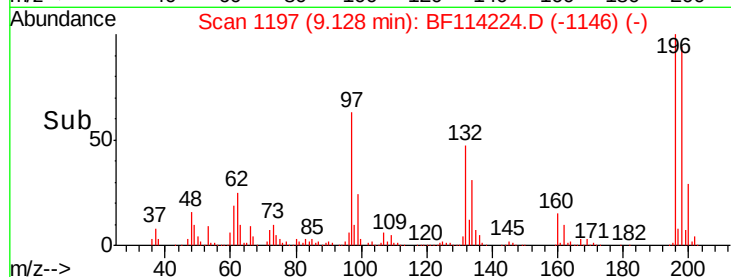
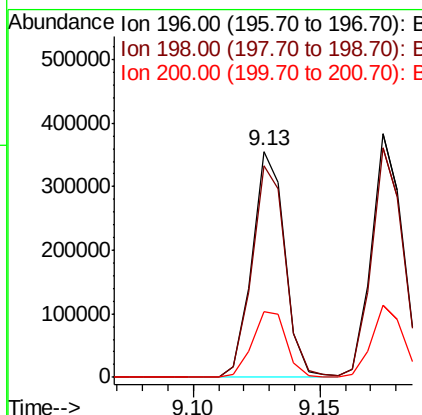
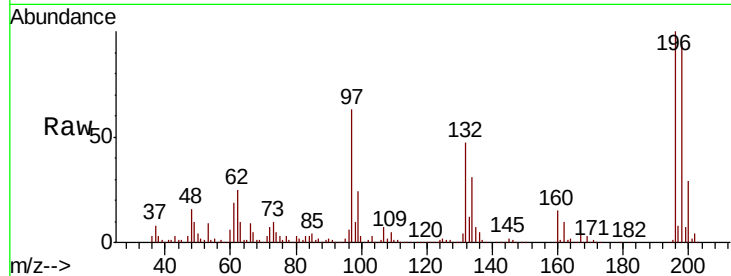
#43
2,4,6-Trichlorophenol
Concen: 27.339 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	320002		
198	93.9	75.9	113.9	
200	29.3	23.5	35.3	

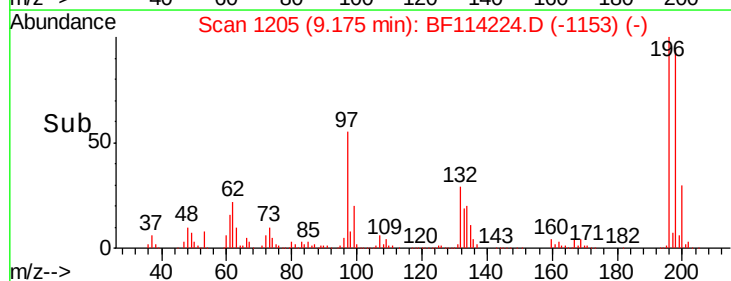
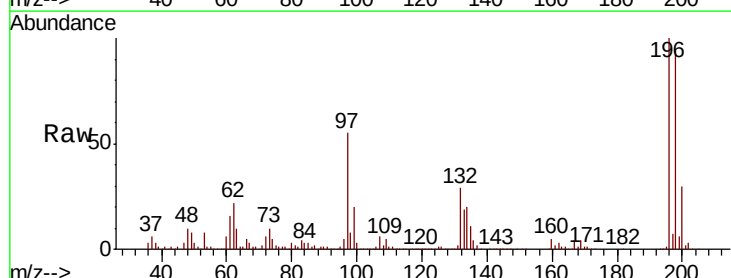
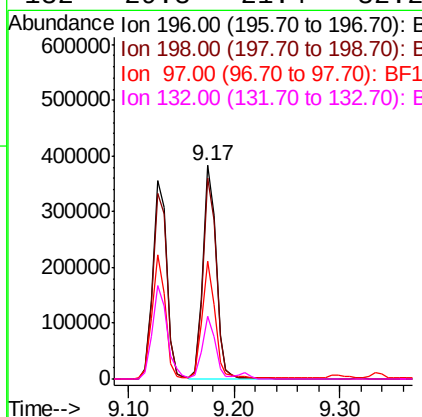
Manual Integrations
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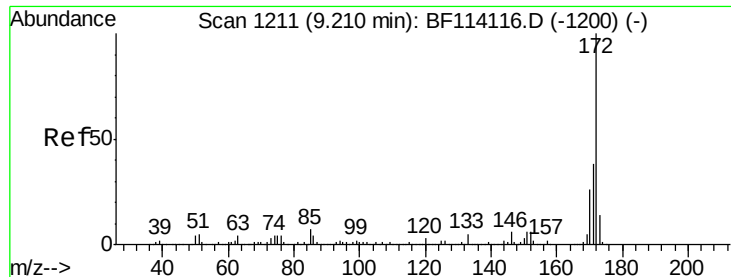
Sohil
5/14/2019 8:03:03 PM



#44
2,4,5-Trichlorophenol
Concen: 27.978 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	335849		
198	94.3	77.7	116.5	
97	55.3	38.2	57.2	
132	29.3	21.4	32.2	





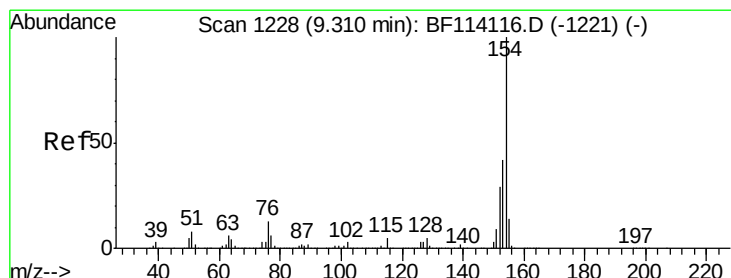
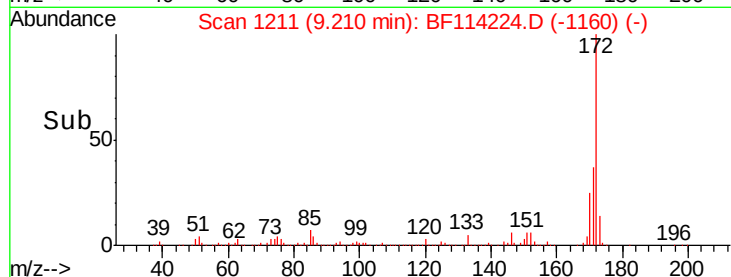
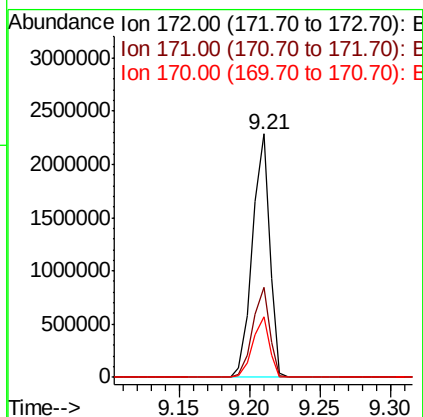
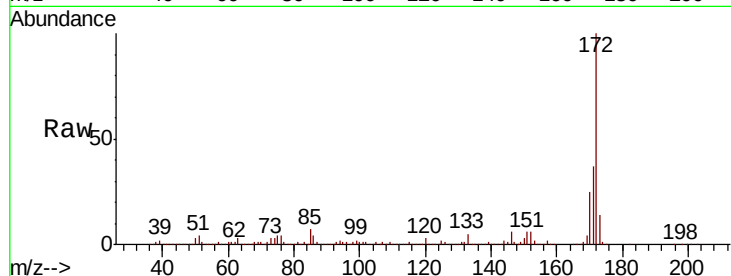
#45
2-Fluorobiphenyl
Concen: 53.135 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.7	46.1
170	24.9	20.5	30.7

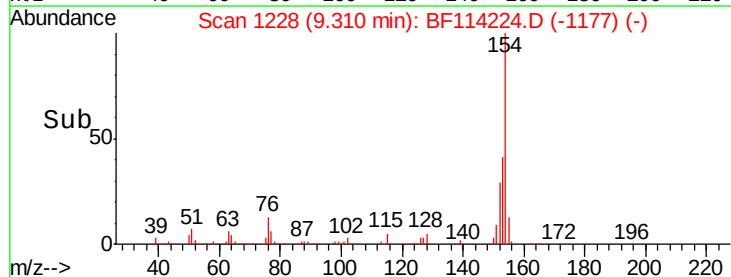
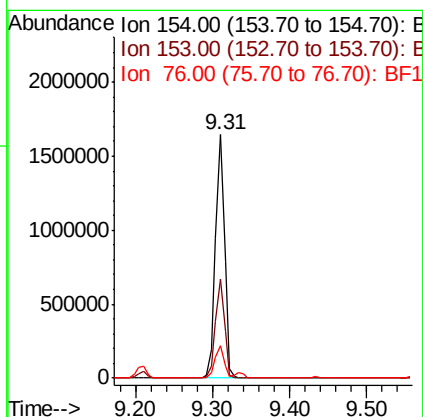
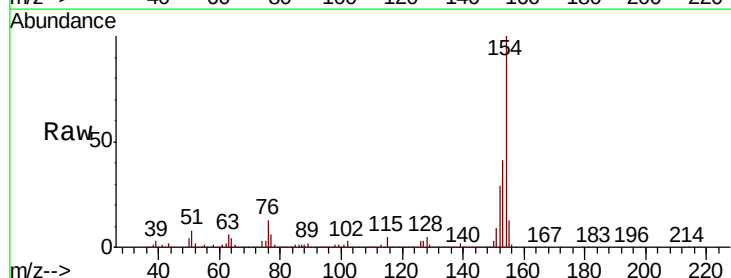
Manual Integrations
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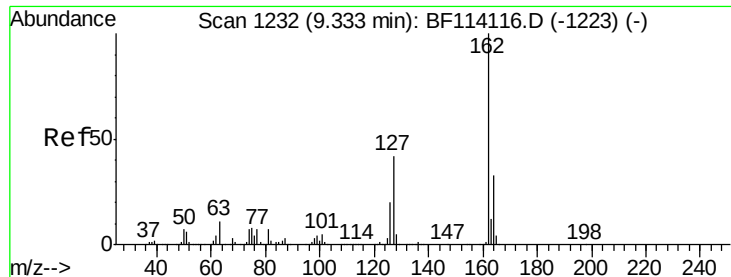
Sohil
5/14/2019 8:03:03 PM



#46
1,1'-Biphenyl
Concen: 28.958 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.9	61.9
76	13.3	0.0	32.8





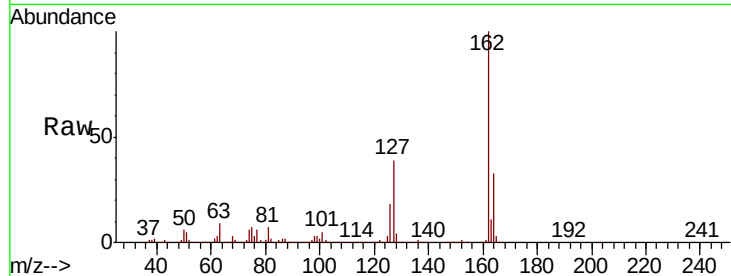
#47
2-Chloronaphthalene
Concen: 26.743 ng
RT: 9.34 min Scan# 1233
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.8	34.0	51.0
164	33.3	26.7	40.1

Manual Integrations
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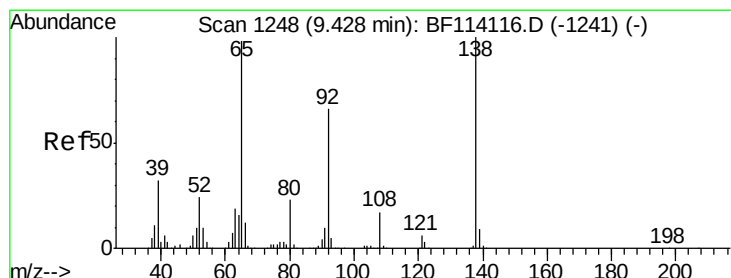
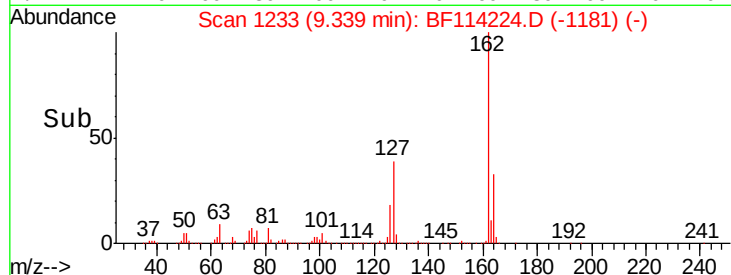
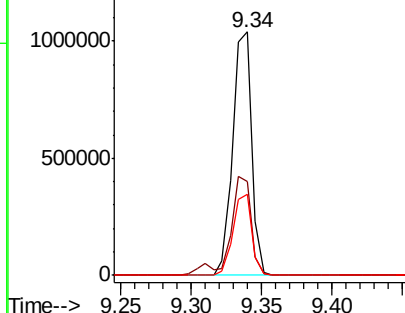


Abundance

Ion 162.00 (161.70 to 162.70): E

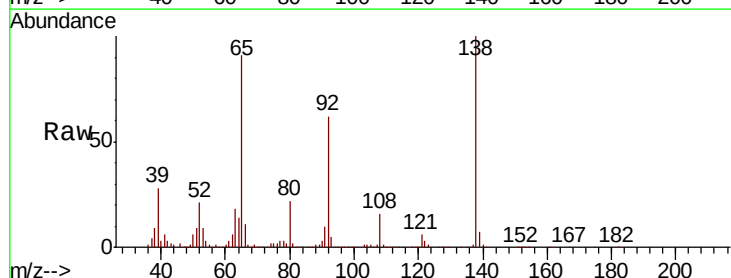
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 25.954 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.8	53.9	80.9
138	109.6	81.4	122.0

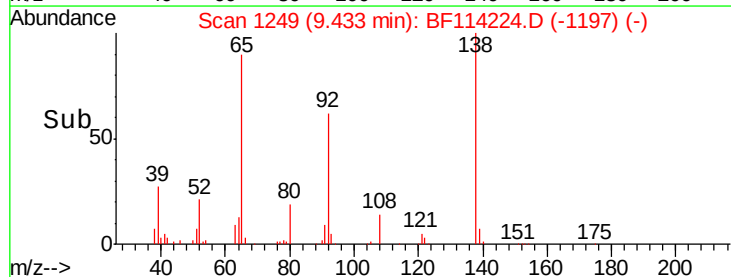
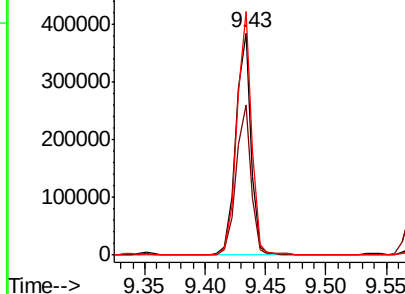


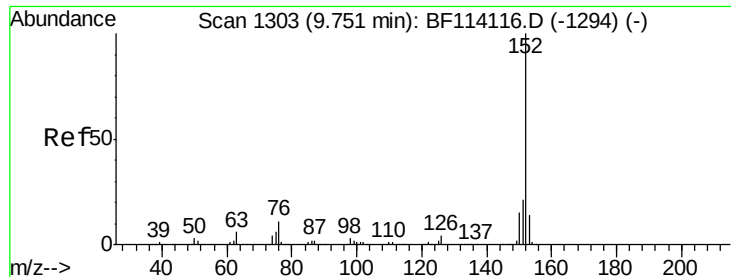
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 28.680 ng

RT: 9.75 min Scan# 1303

Delta R.T. 0.00 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:152 Resp: 1593221

Ion Ratio Lower Upper

152 100

151 20.7 16.8 25.2

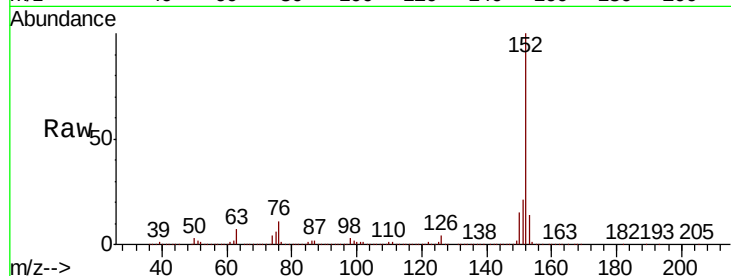
153 13.7 11.4 17.2

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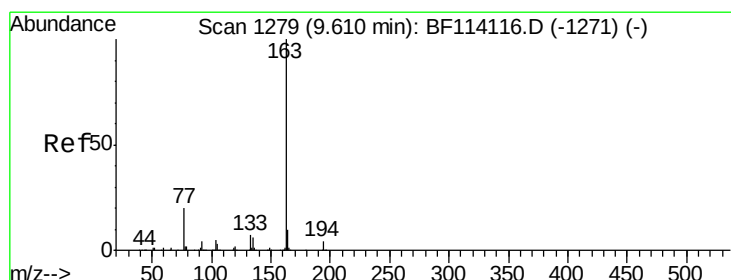
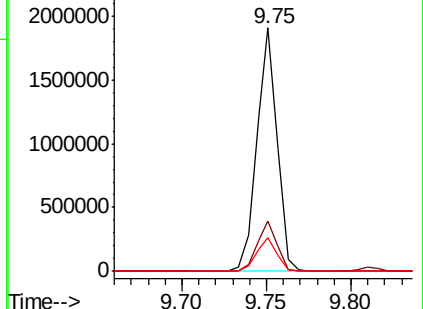
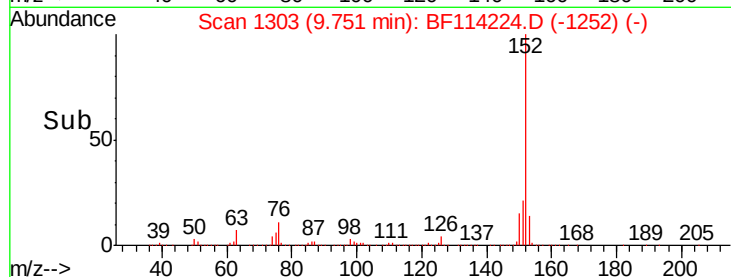
5/14/2019 8:03:03 PM



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: 34.777 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

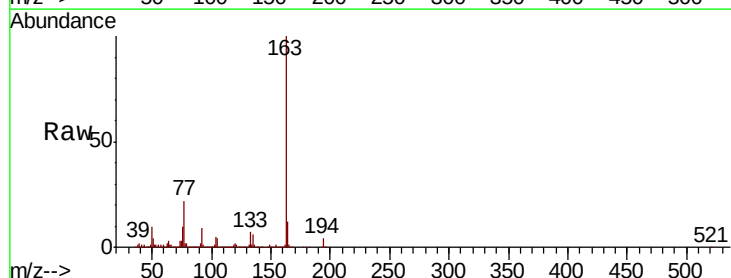
Tgt Ion:163 Resp: 1434173

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

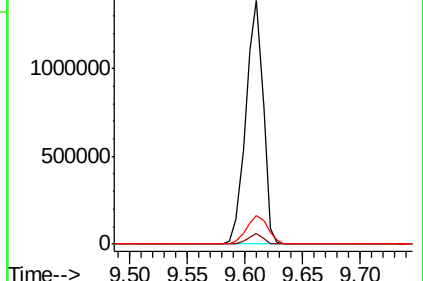
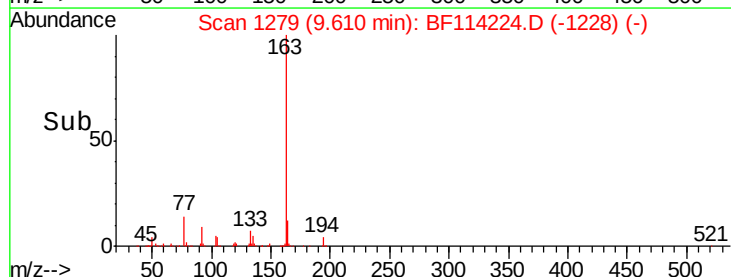
164 11.7 8.2 12.2

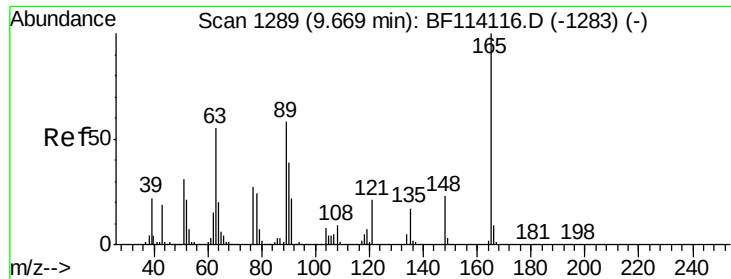


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





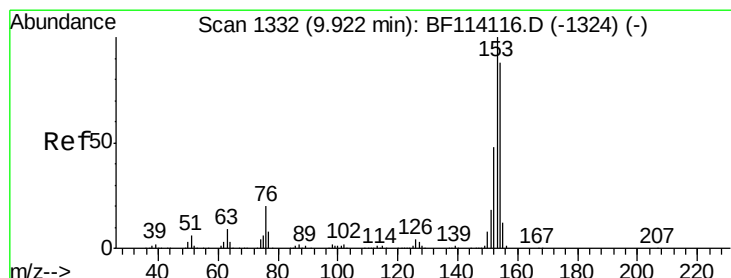
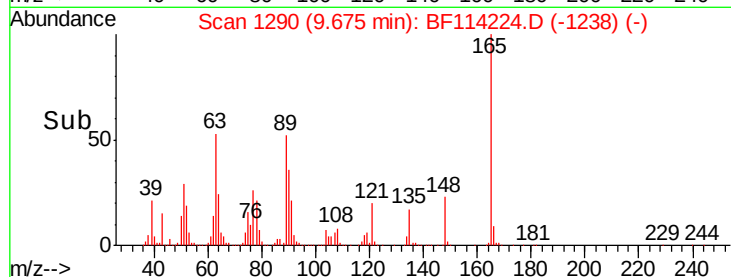
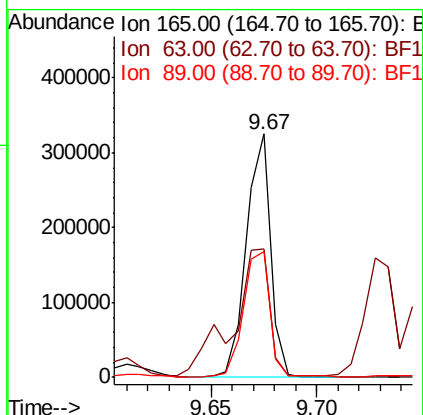
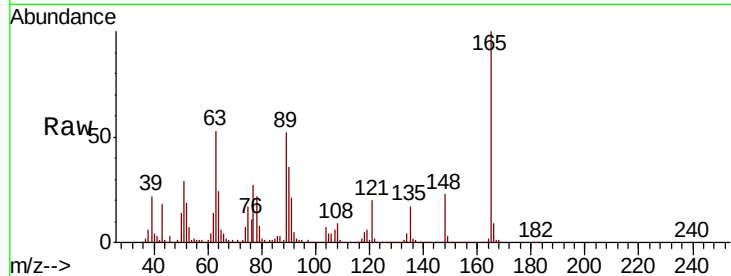
#51
 2,6-Dinitrotoluene
 Concen: 28.298 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	258841		
63	52.9		50.2	75.4
89	51.8		46.6	69.8

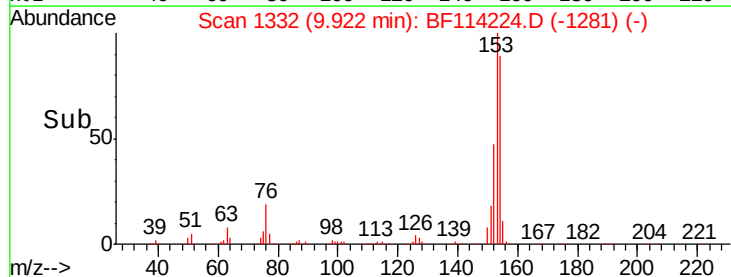
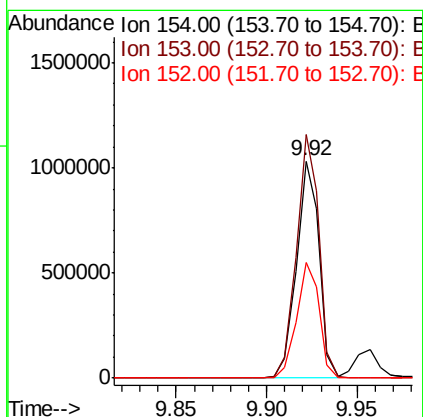
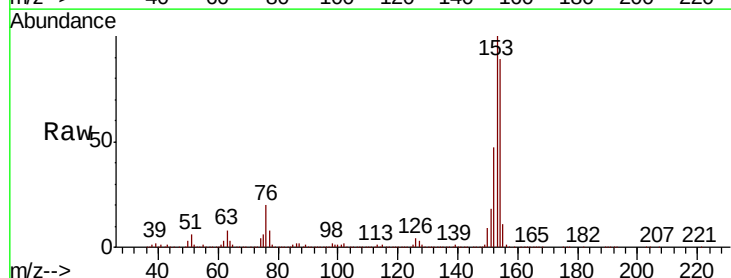
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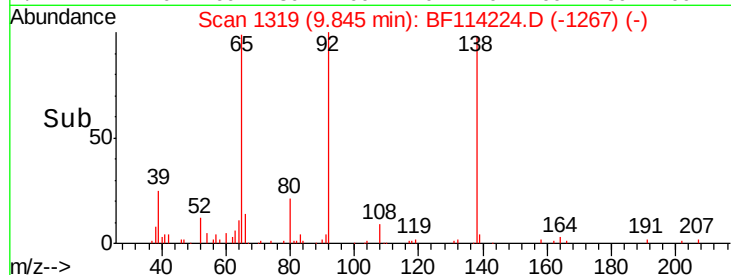
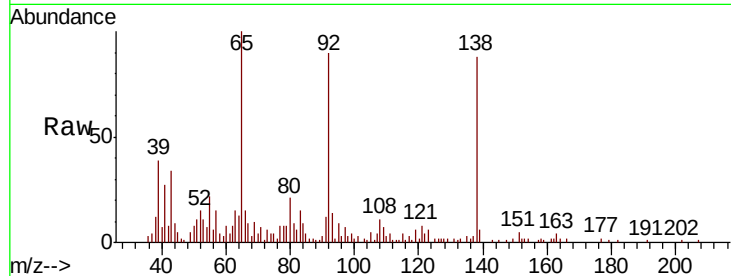
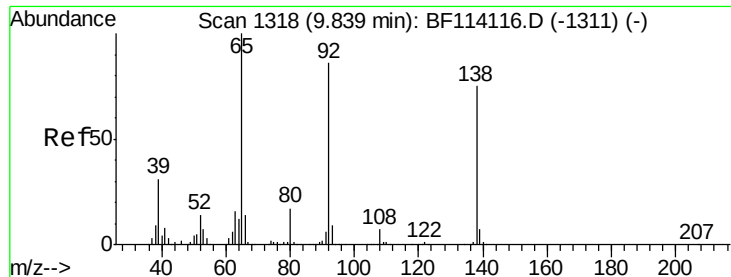
Sohil
 5/14/2019 8:03:03 PM



#52
 Acenaphthene
 Concen: 26.542 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	904787		
153	112.3		90.5	135.7
152	53.3		43.4	65.2





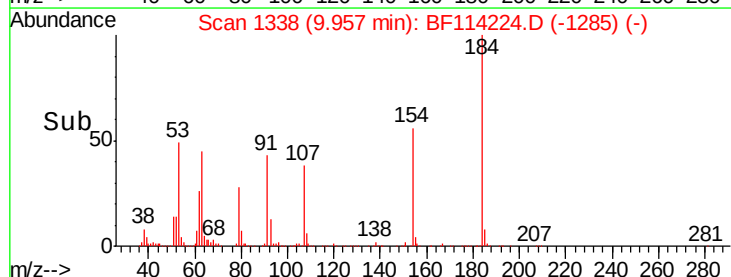
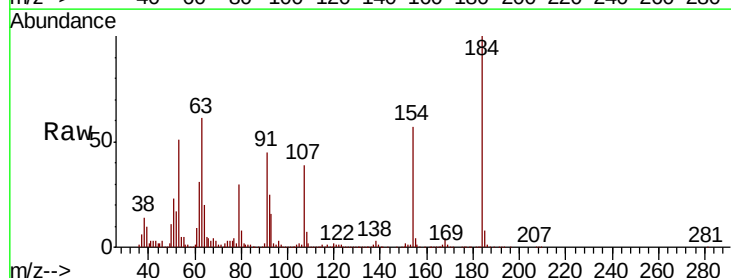
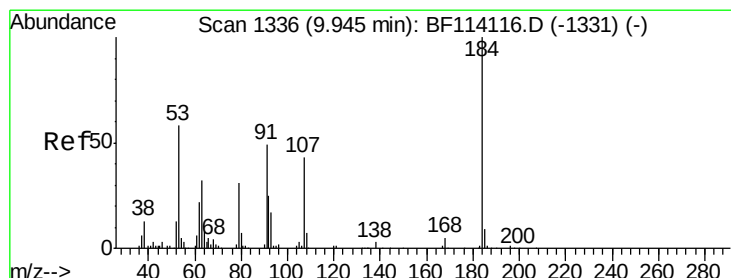
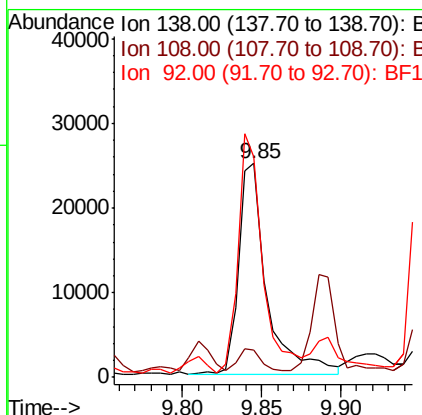
#53
3-Nitroaniline
Concen: 2.721 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.5	7.8	11.6#
92	103.1	91.2	136.8

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

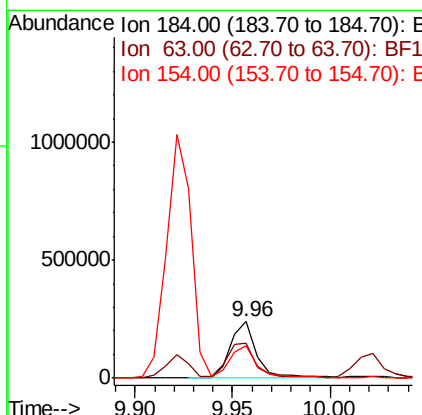
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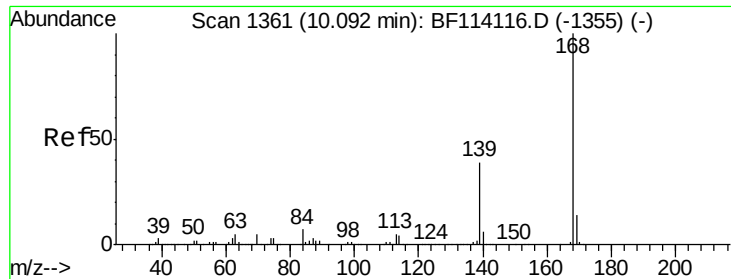
Sohil
5/14/2019 8:03:03 PM



#54
2,4-Dinitrophenol
Concen: 51.950 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.0	55.6	83.4
154	56.9	46.0	69.0





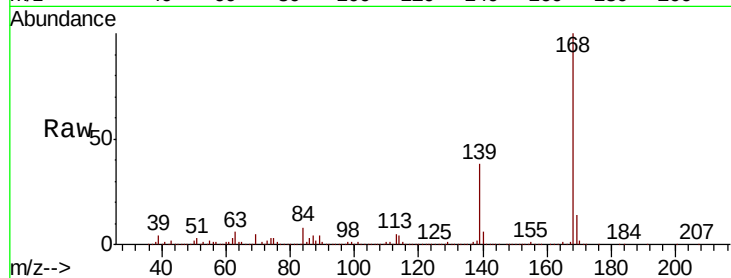
#55
Dibenzofuran
Concen: 27.372 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.6	31.1	46.7
169	14.1	11.4	17.0

Manual Integrations
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Sohil
5/14/2019 8:03:03 PM

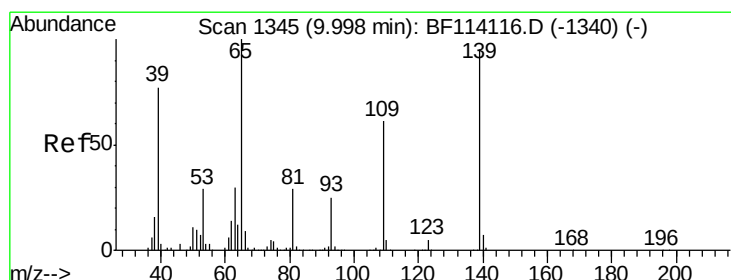
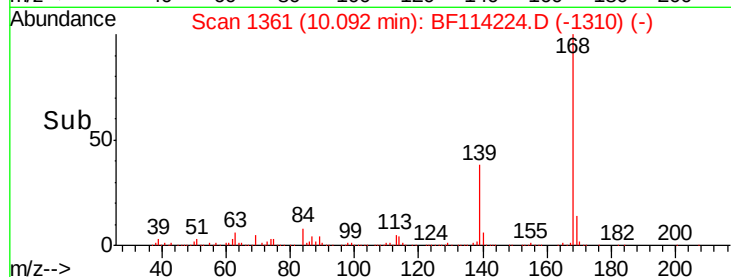
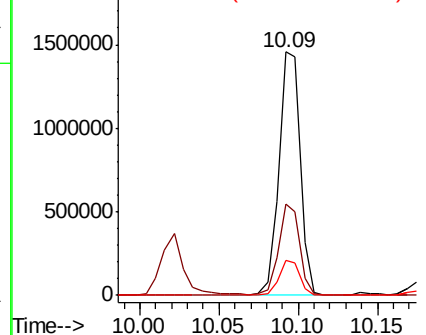


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 45.557 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

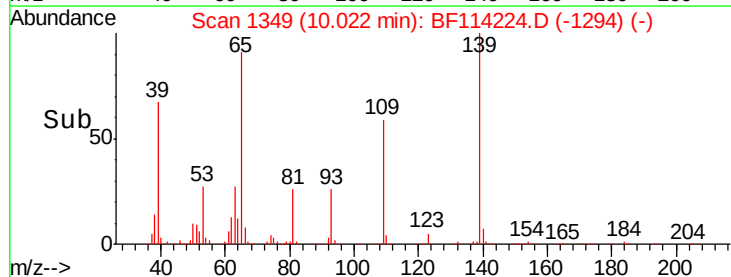
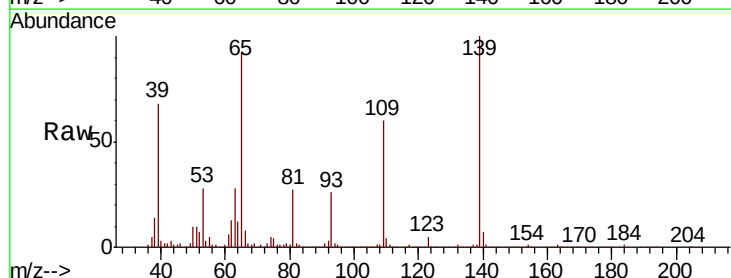
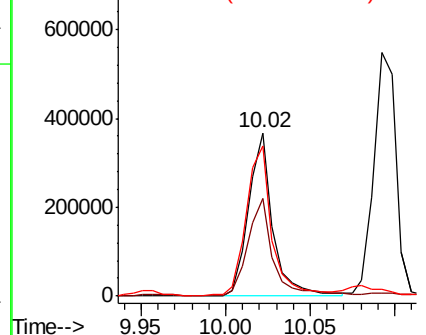
Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.1	43.9	83.9
65	92.2	85.7	125.7

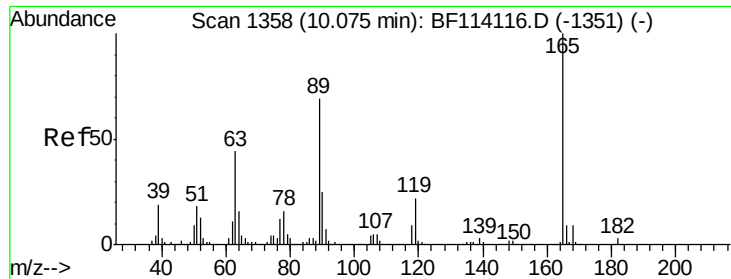
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





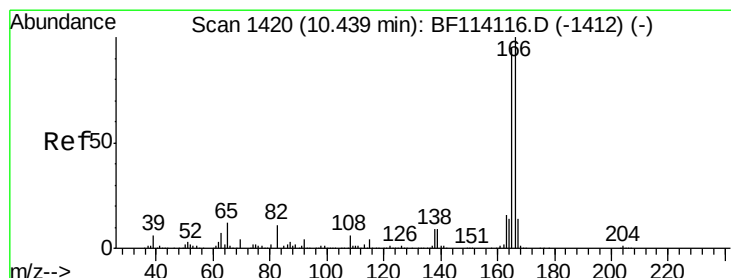
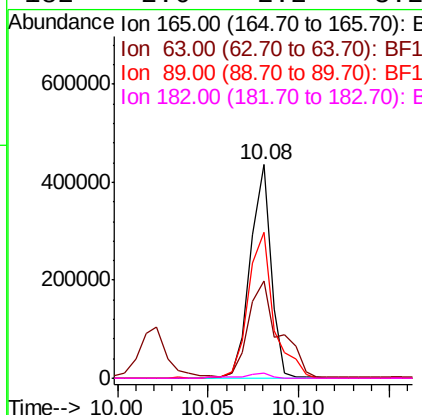
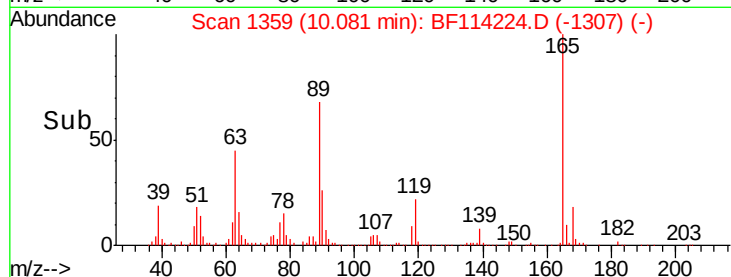
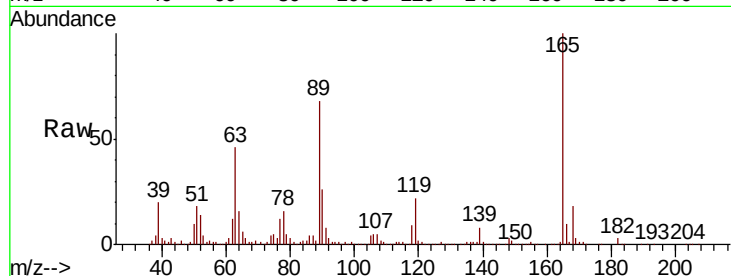
#57
 2,4-Dinitrotoluene
 Concen: 27.749 ng
 RT: 10.08 min Scan# 1359
 Delta R.T. 0.01 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		344502		
63	45.5		35.5	53.3	
89	68.2		55.2	82.8	
182	2.6		2.2	3.2	

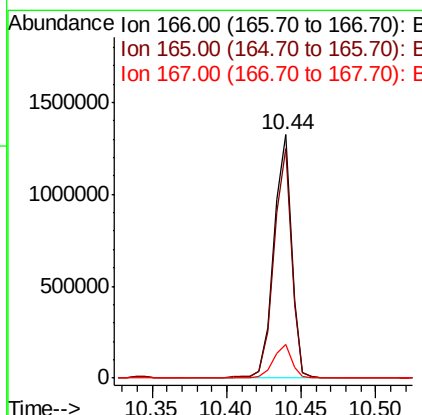
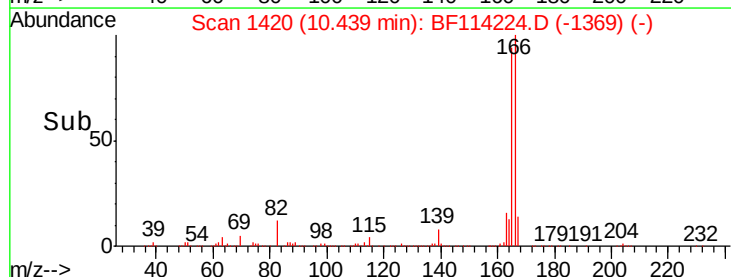
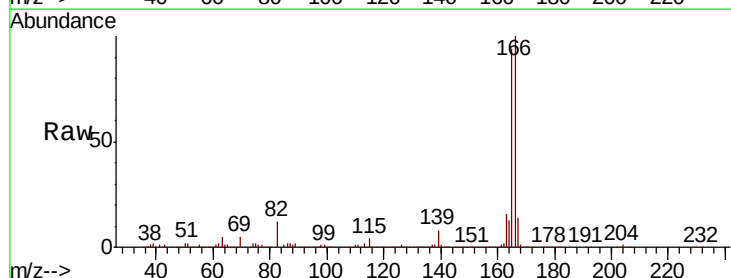
Manual Integrations
 APPROVED

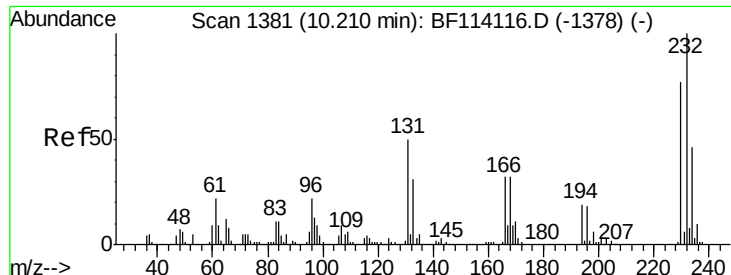
Sohil
 5/14/2019 8:03:03 PM



#58
 Fluorene
 Concen: 28.092 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1084617		
165	94.2		76.1	114.1	
167	13.8		11.1	16.7	





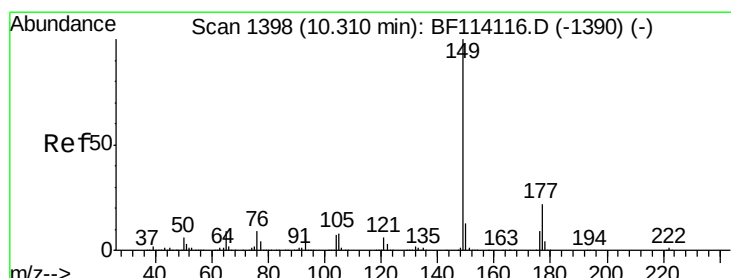
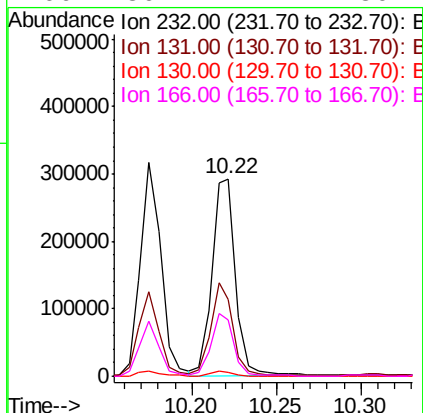
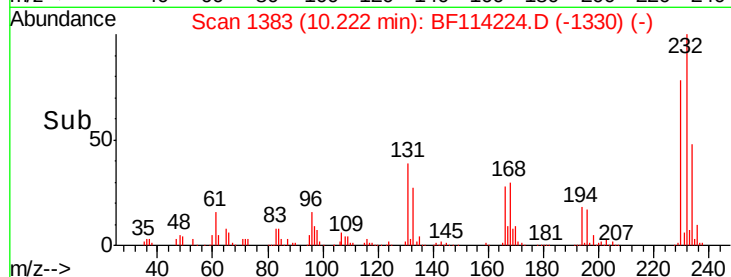
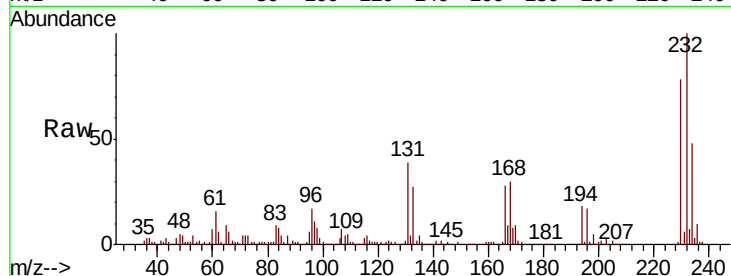
#59
2,3,4,6-Tetrachlorophenol
Concen: 27.541 ng
RT: 10.22 min Scan# 1383
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	44.3	35.6	53.4
130	2.7	1.6	2.4
166	30.2	24.1	36.1

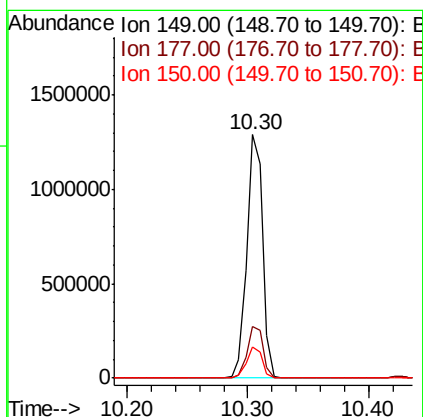
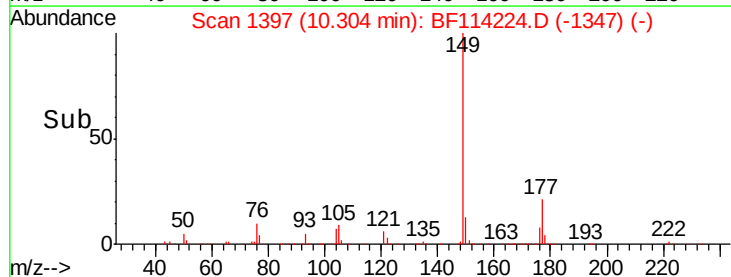
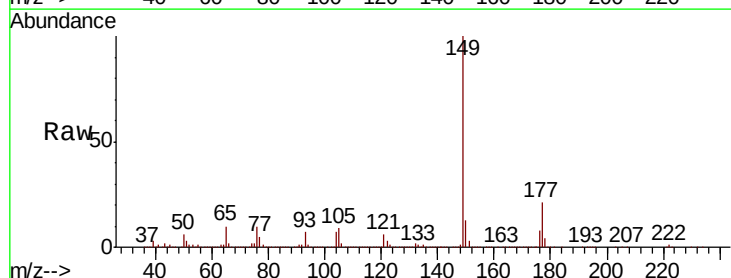
Manual Integrations
APPROVED

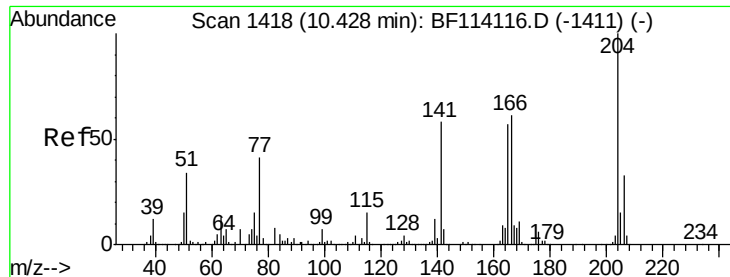
Sohil
5/14/2019 8:03:03 PM



#60
Diethylphthalate
Concen: 28.117 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	21.1	17.8	26.6
150	12.7	10.2	15.2





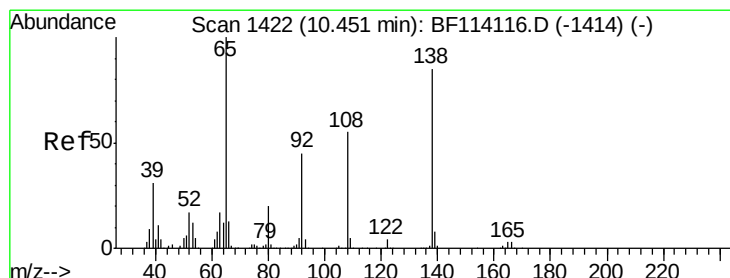
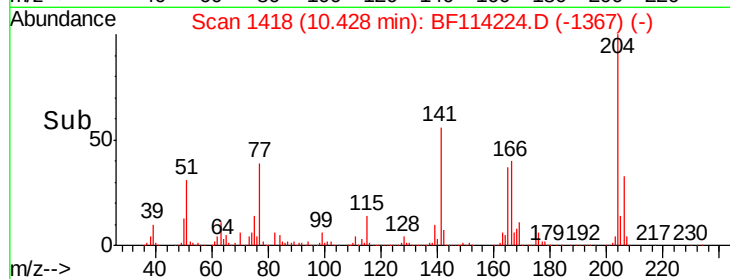
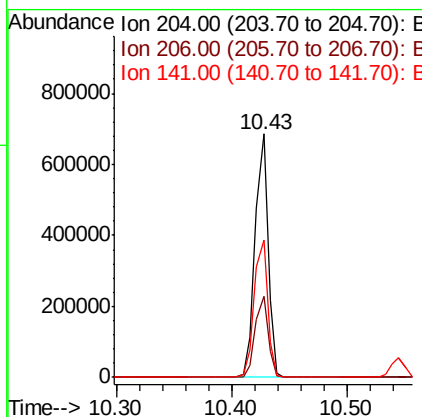
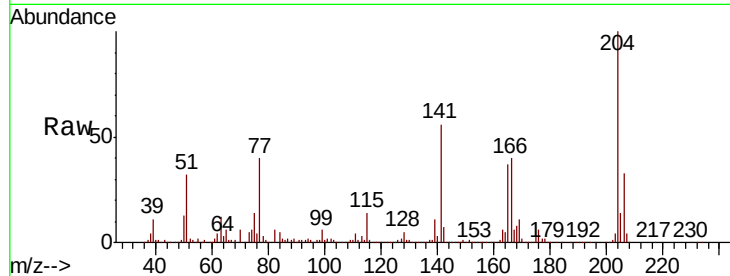
#61
4-Chlorophenyl-phenylether
Concen: 28.326 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.6	39.8
141	56.4	46.4	69.6

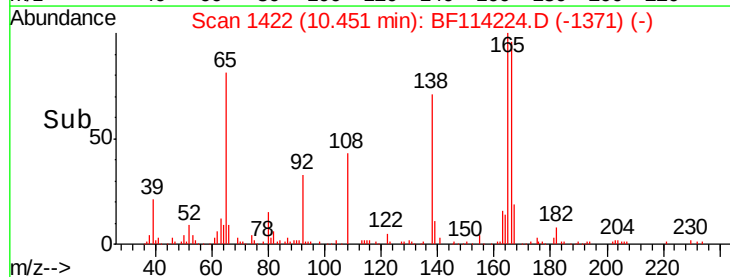
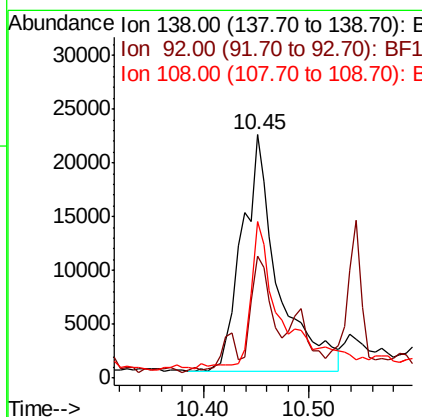
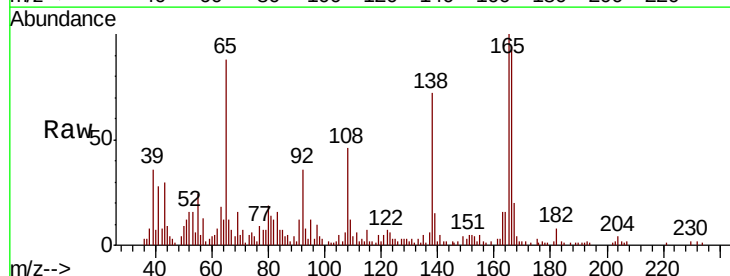
Manual Integrations
APPROVED

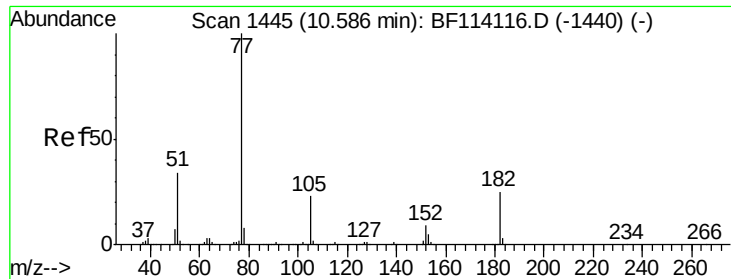
Sohil
5/14/2019 8:03:03 PM



#62
4-Nitroaniline
Concen: 4.367 ng
RT: 10.45 min Scan# 1422
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	33.0	73.0
108	64.3	44.9	84.9





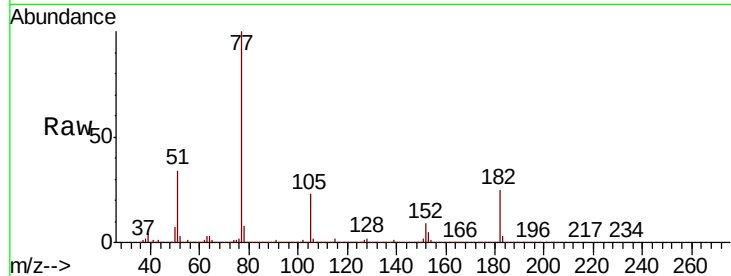
#63
Azobenzene
Concen: 27.911 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	24.6	4.7	44.7
105	23.5	2.9	42.9
51	34.2	14.6	54.6

Manual Integrations
APPROVED

Sohil
5/14/2019 8:03:03 PM



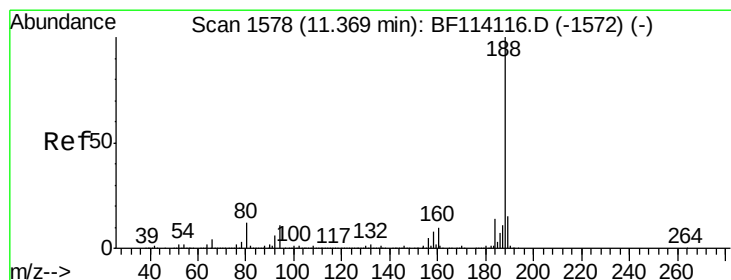
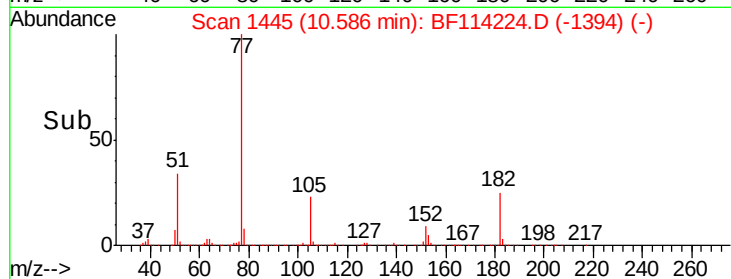
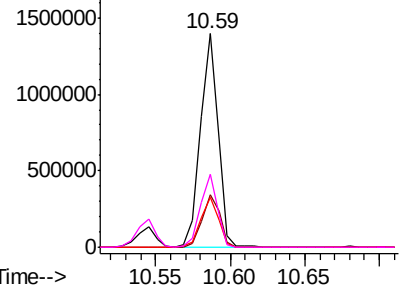
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

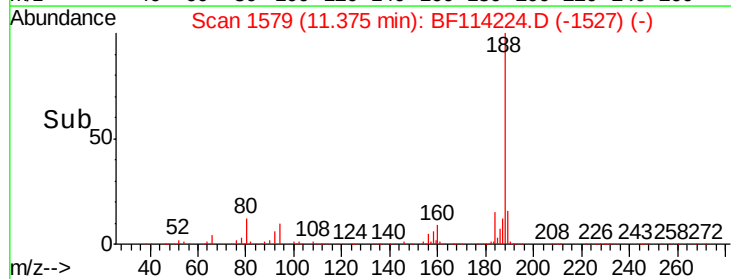
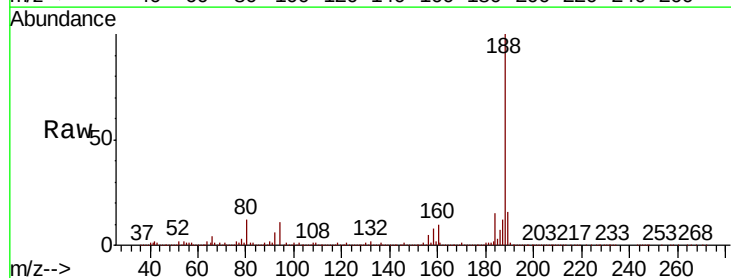
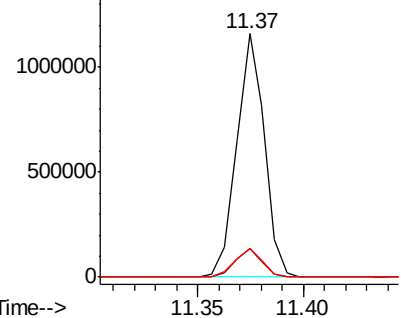
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.5	8.4	12.6
80	11.8	9.2	13.8

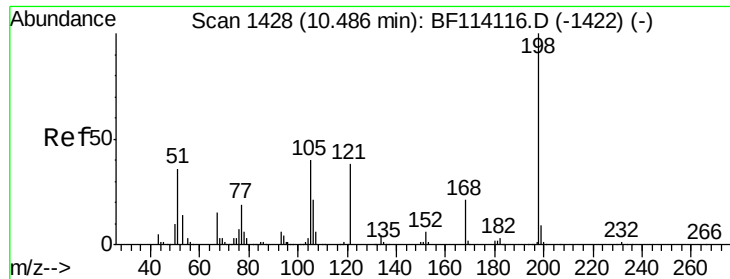
Abundance

Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 27.767 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

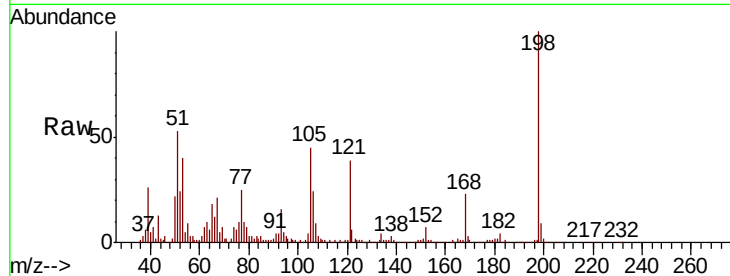
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:	198	Resp:	140577
Ion Ratio	Lower	Upper	
198	100		
51	52.8	28.0	68.0
105	44.9	21.1	61.1

Manual Integrations
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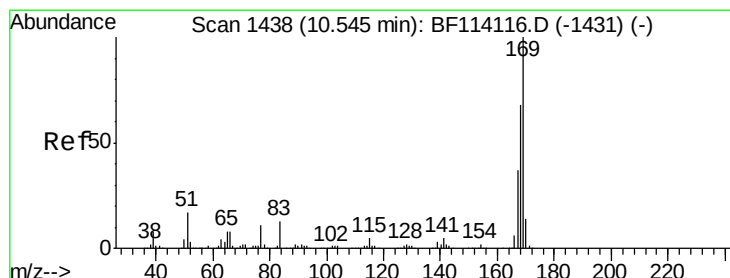
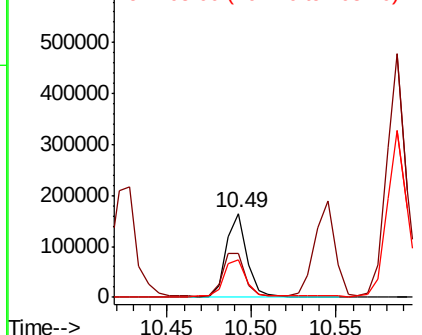
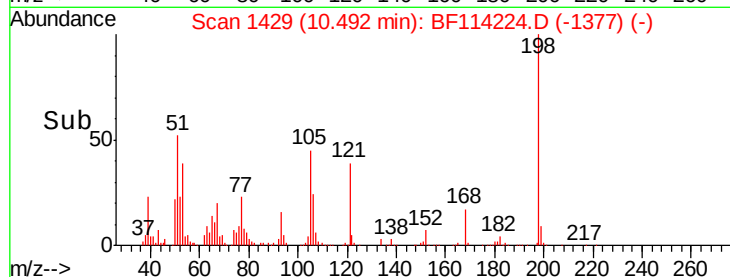
Sohil
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 29.062 ng

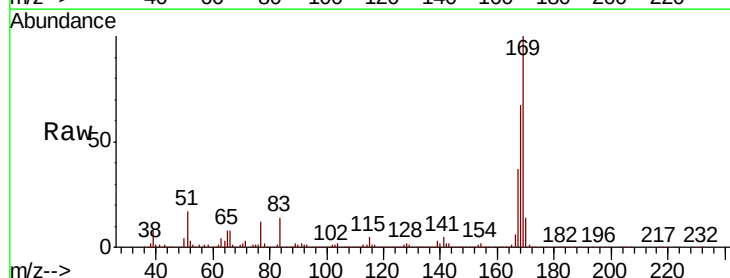
RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

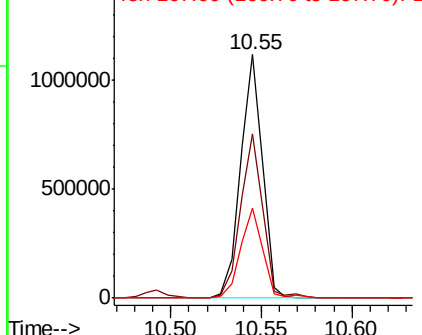
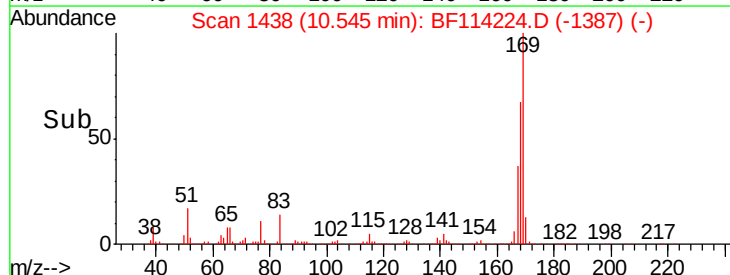
Tgt Ion:	169	Resp:	929323
Ion Ratio	Lower	Upper	
169	100		
168	67.2	54.2	81.2
167	37.1	29.8	44.8

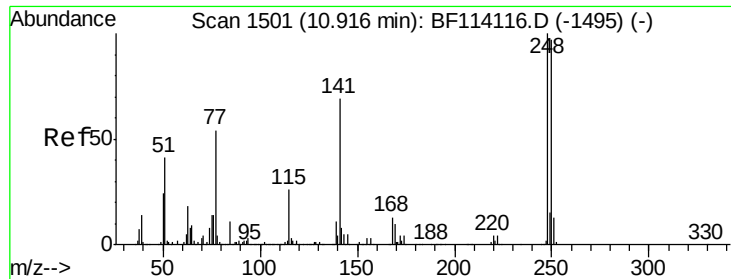


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





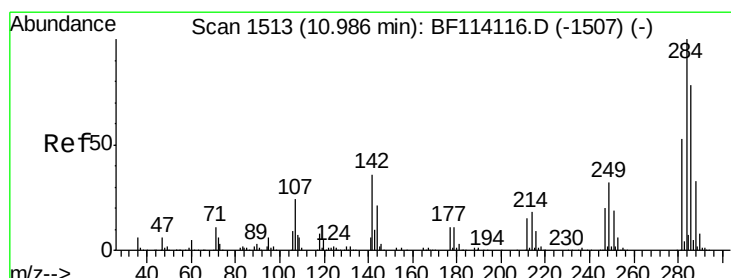
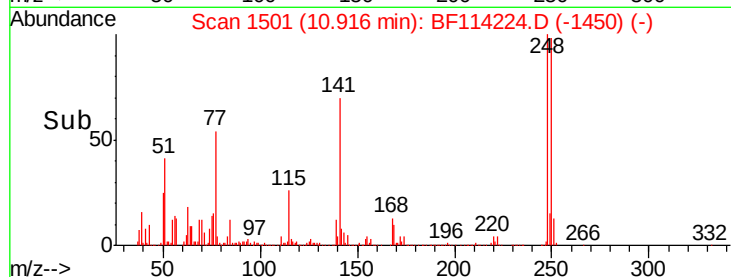
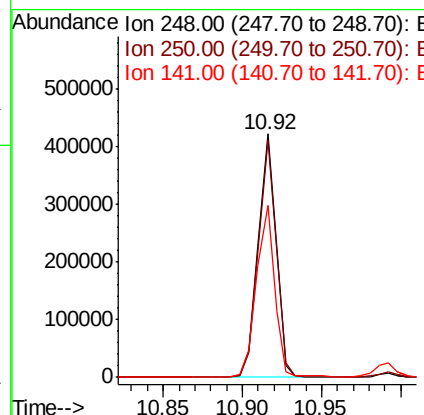
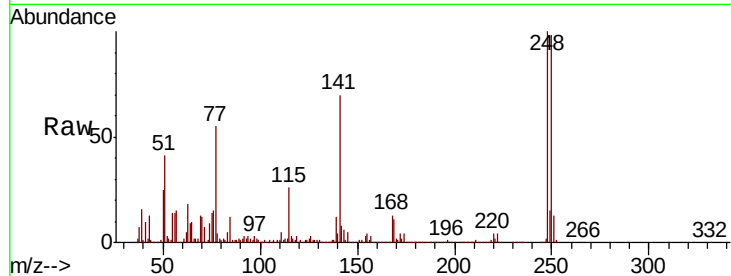
#67
4-Bromophenyl-phenylether
Concen: 28.872 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	77.4	116.2
141	70.4	55.6	83.4

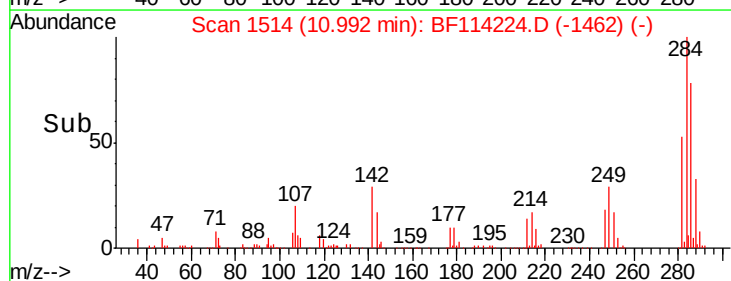
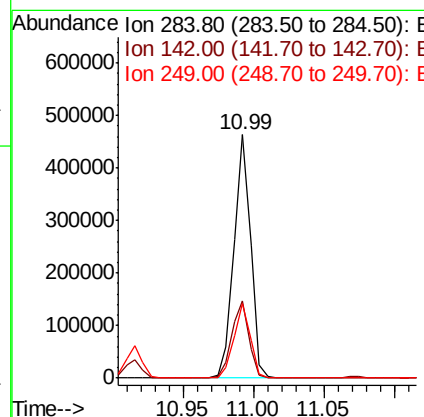
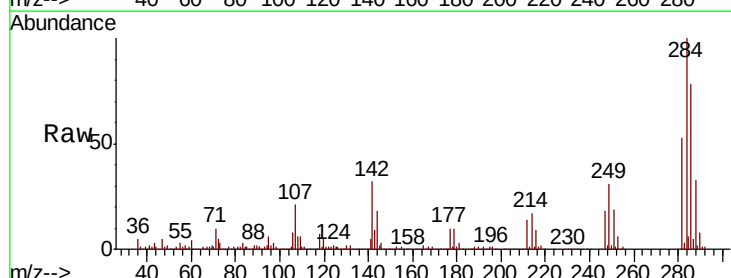
Manual Integrations
APPROVED

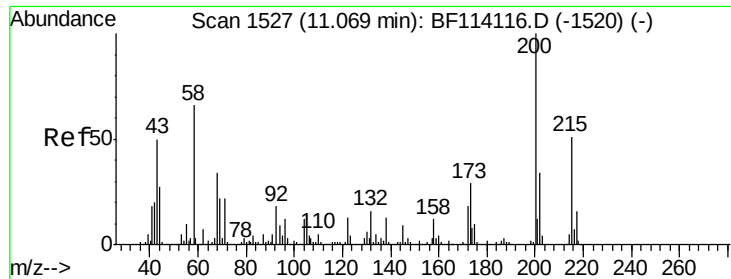
Sohil
5/14/2019 8:03:03 PM



#68
Hexachlorobenzene
Concen: 29.537 ng
RT: 10.99 min Scan# 1514
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.9	28.4	42.6
249	30.5	25.2	37.8





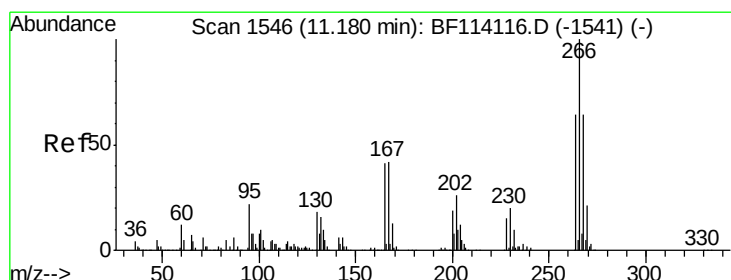
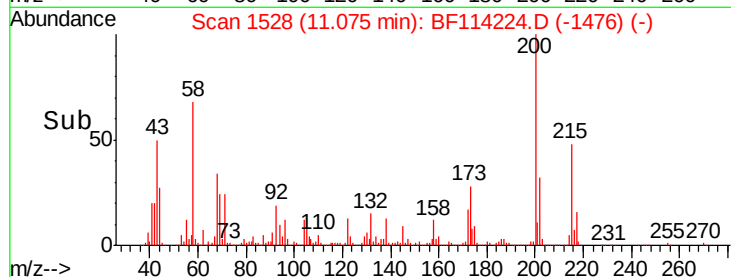
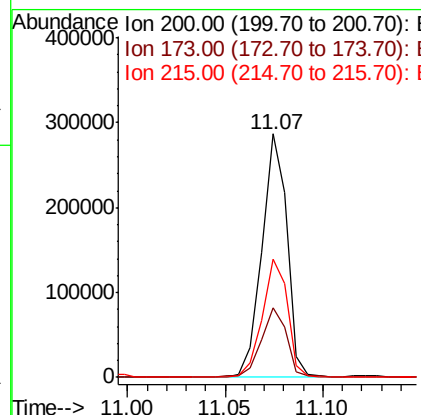
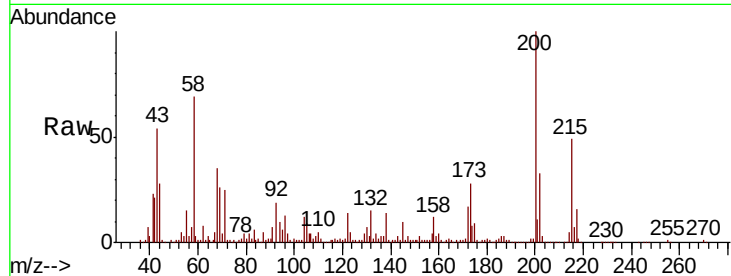
#69
Atrazine
Concen: 25.550 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.3	8.9	48.9
215	48.6	30.7	70.7

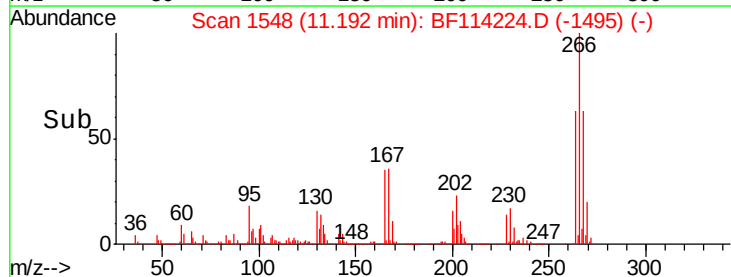
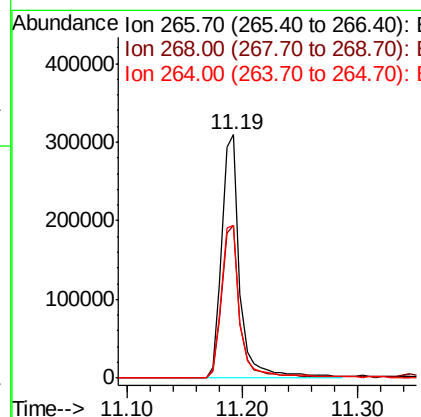
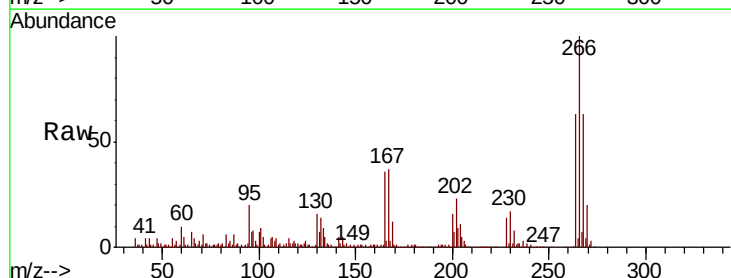
Manual Integrations
APPROVED

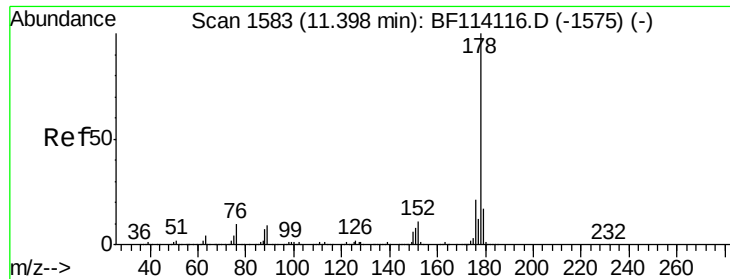
Sohil
5/14/2019 8:03:03 PM



#70
Pentachlorophenol
Concen: 56.151 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.8	51.1	76.7
264	62.9	51.1	76.7





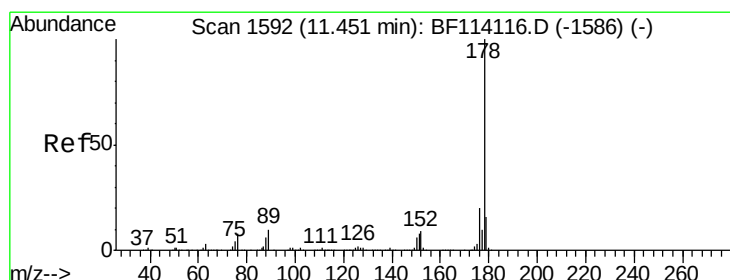
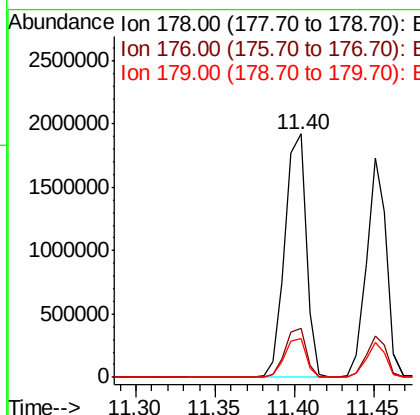
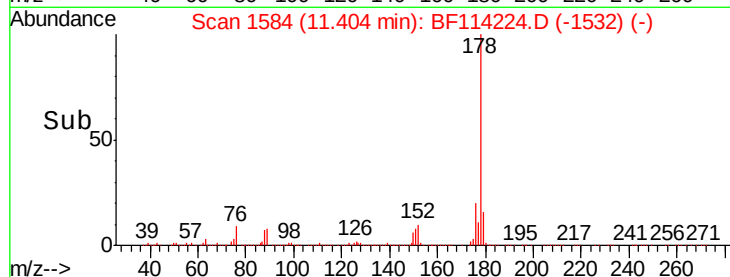
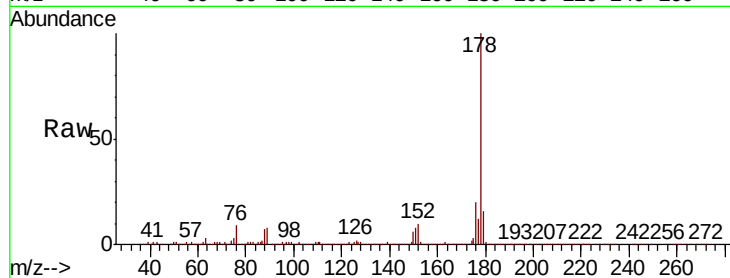
#71
Phenanthrene
Concen: 35.273 ng
RT: 11.40 min Scan# 1584
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion:178 Resp: 1808109
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 15.7 13.2 19.8

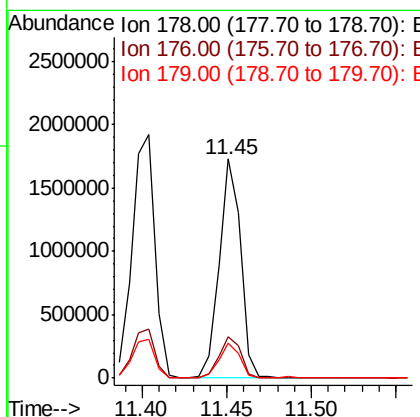
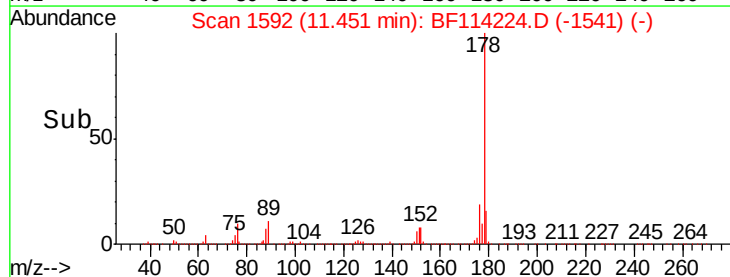
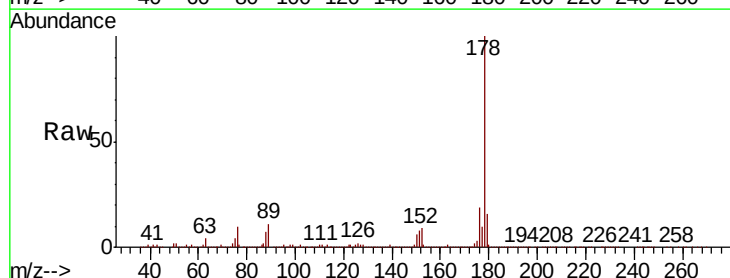
Manual Integrations
APPROVED

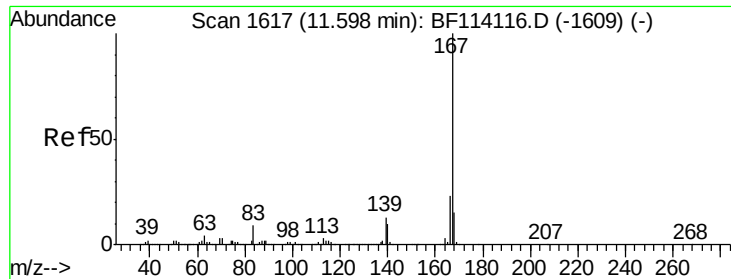
Sohil
5/14/2019 8:03:03 PM



#72
Anthracene
Concen: 29.661 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion:178 Resp: 1527144
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.8
179 16.0 13.0 19.4





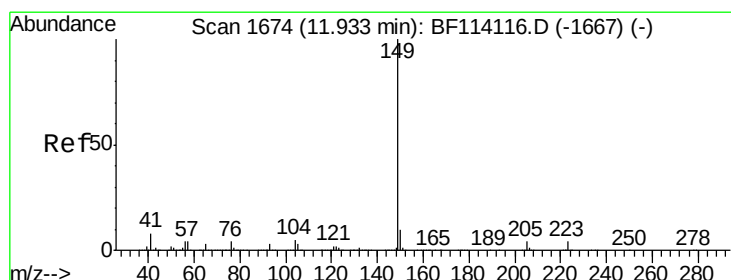
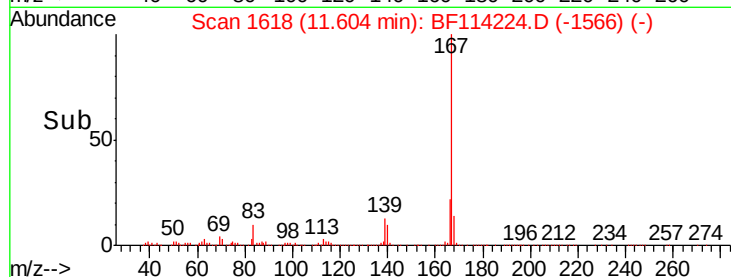
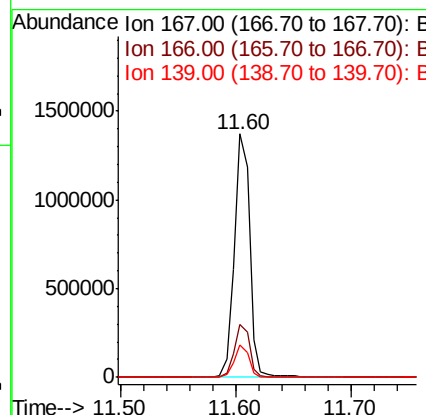
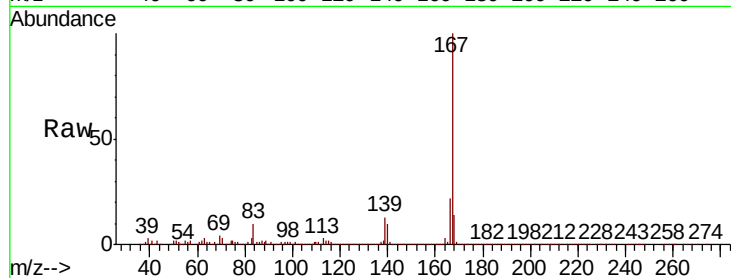
#73
 Carbazole
 Concen: 25.625 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Instrument :
 BNA_F
 ClientSampleId :
 P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	18.2	27.2
139	13.1	10.6	16.0

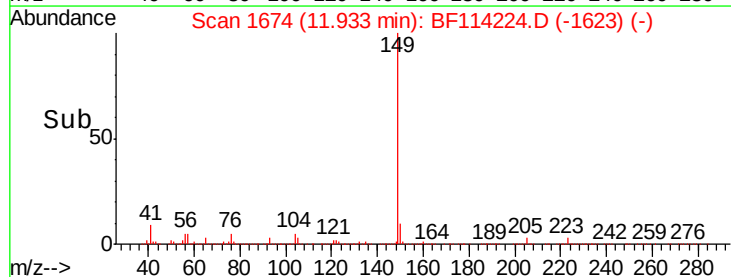
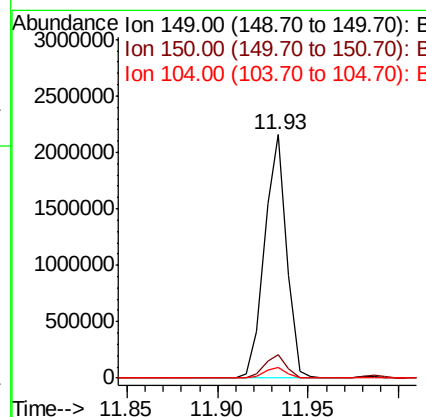
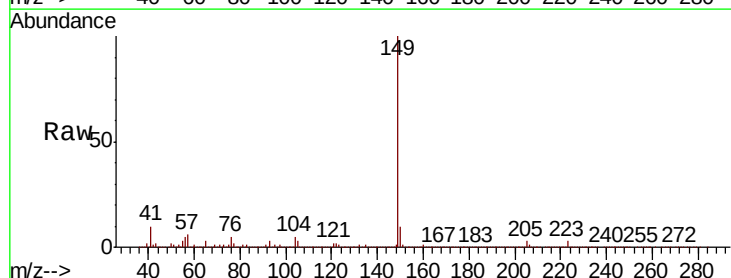
Manual Integrations
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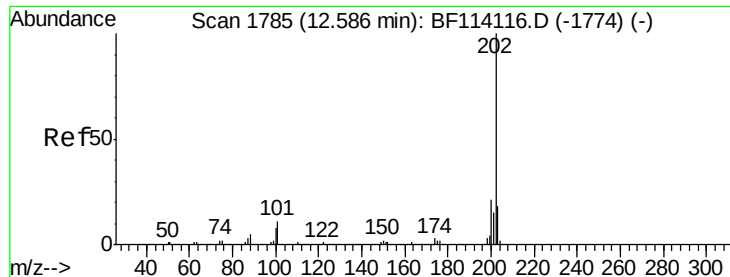
Sohil
 5/14/2019 8:03:03 PM



#74
 Di-n-butylphthalate
 Concen: 31.834 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. 0.00 min
 Lab File: BF114224.D
 Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 34.579 ng

RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

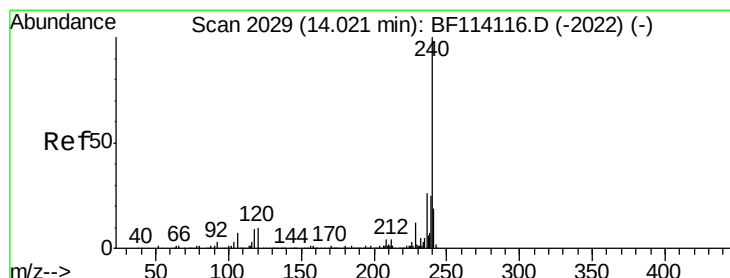
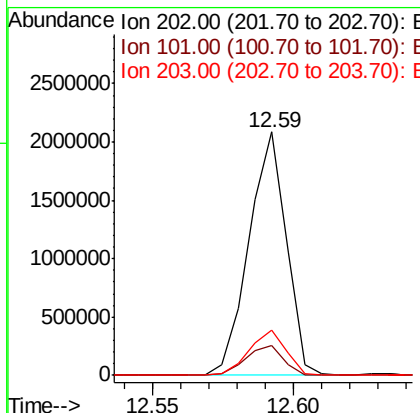
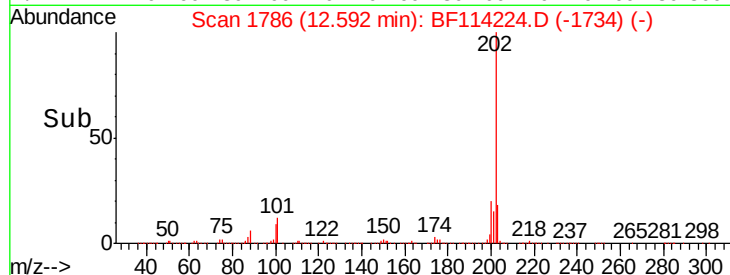
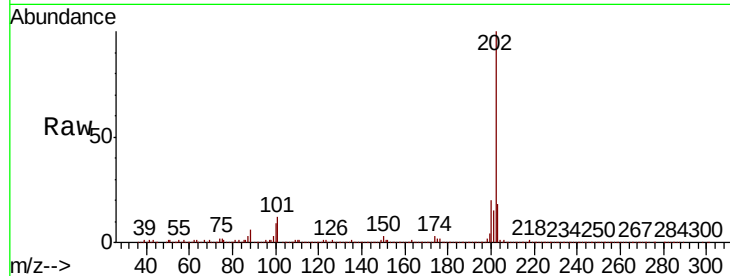
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.0
203	18.4	0.0	38.4

Manual Integrations
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Sohil
5/14/2019 8:03:03 PM



#76

Chrysene-d12

Concen: 20.000 ng

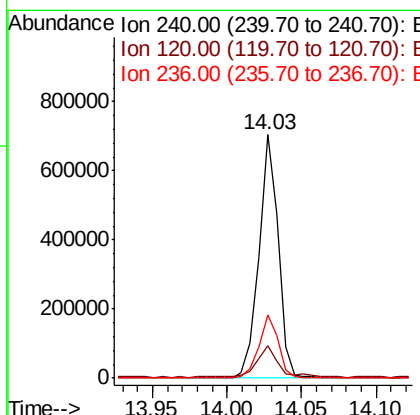
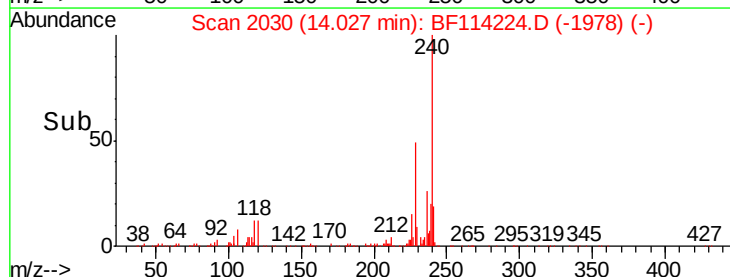
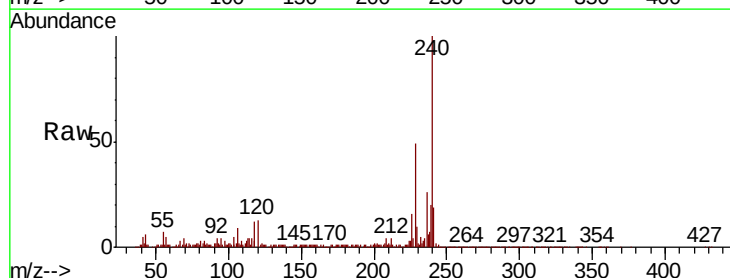
RT: 14.03 min Scan# 2030

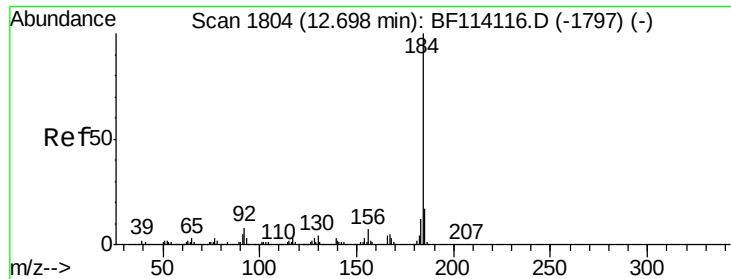
Delta R.T. 0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.3	8.3	12.5#
236	26.2	20.8	31.2





#77

Benzidine

Concen: 1.386 ng/mL

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

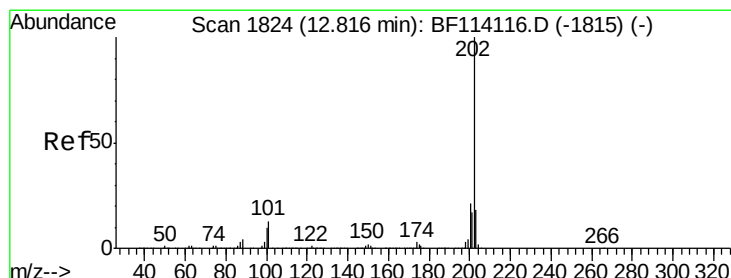
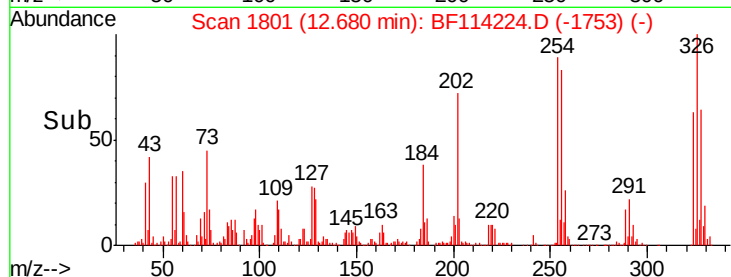
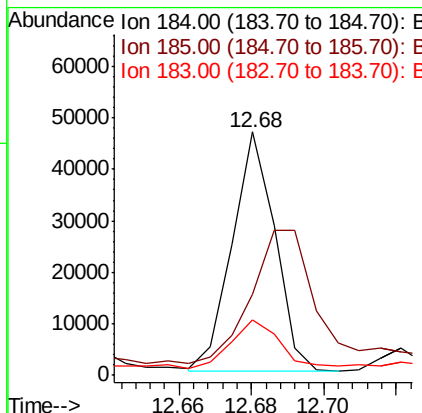
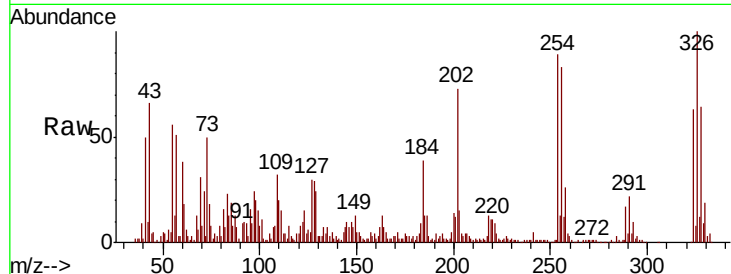
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:	184	Resp:	38477
Ion Ratio	Lower	Upper	
184	100		
185	33.3	13.6	20.4#
183	22.9	9.2	13.8#

Manual Integrations
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5/14/2019 8:03:03 PM



#78

Pyrene

Concen: 42.338 ng/mL

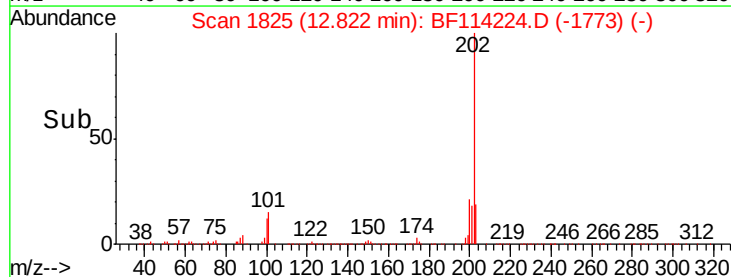
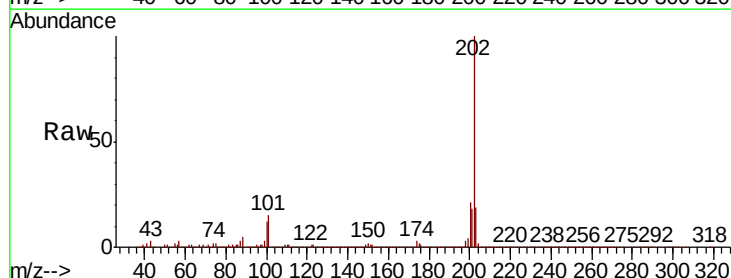
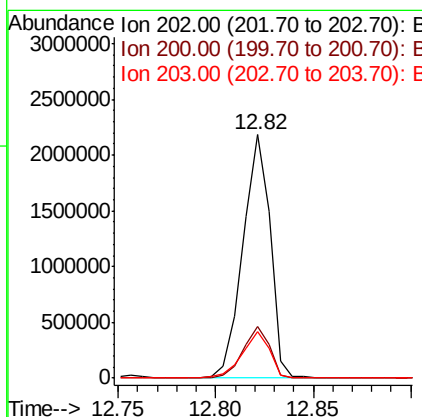
RT: 12.82 min Scan# 1825

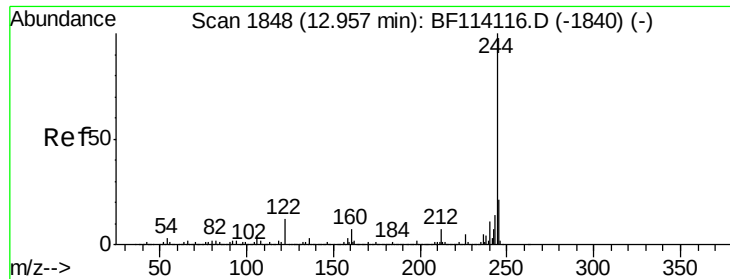
Delta R.T. 0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Tgt Ion:	202	Resp:	2106804
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.9	25.3
203	19.1	14.5	21.7





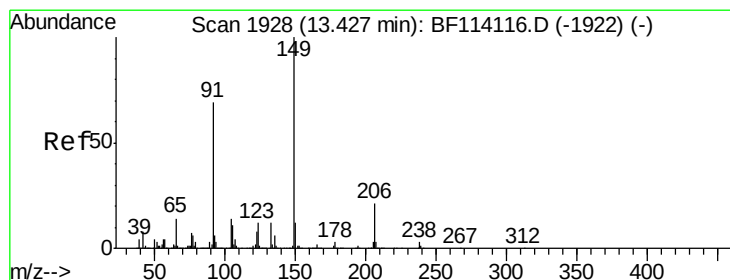
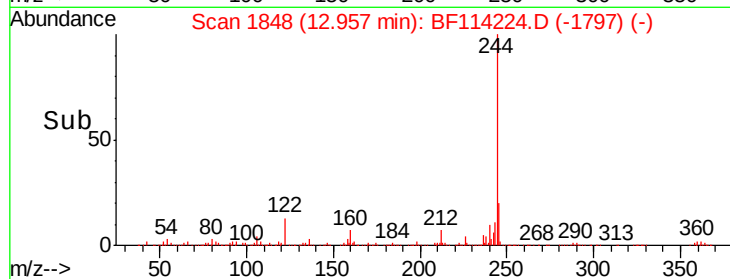
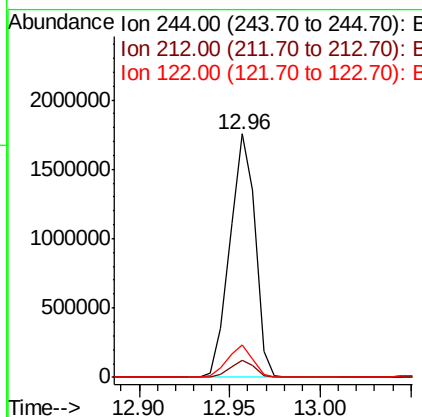
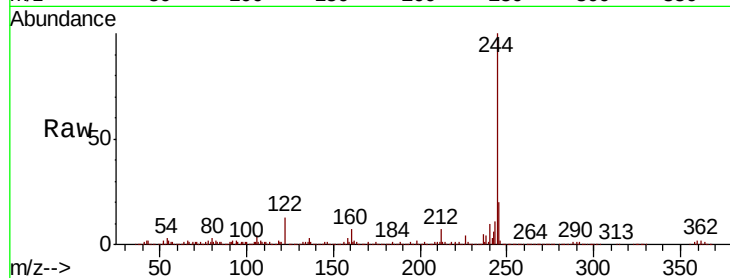
#79
Terphenyl-d14
Concen: 56.466 ng
RT: 12.96 min Scan# 1848
Delta R.T. 0.00 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.2	9.4	14.2

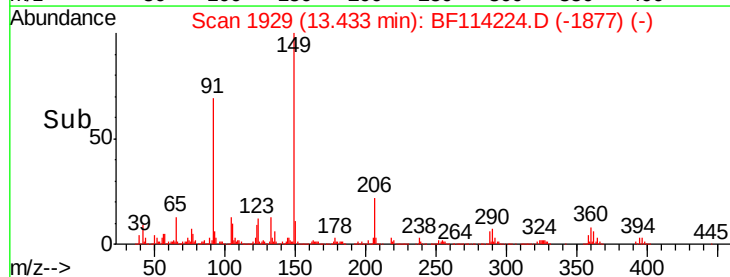
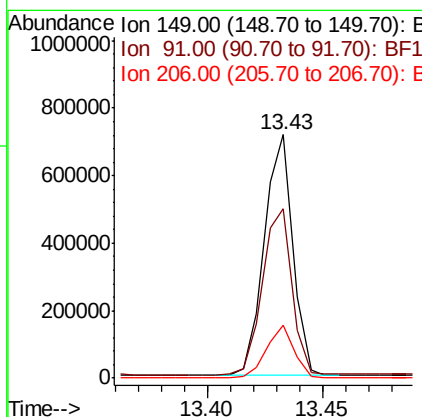
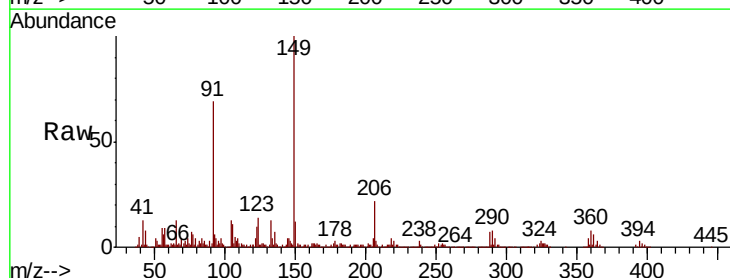
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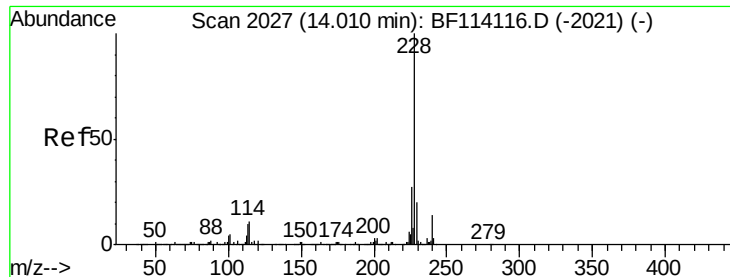
Sohil
5/14/2019 8:03:03 PM



#80
Butylbenzylphthalate
Concen: 29.393 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.3	55.0	82.4
206	21.6	16.9	25.3





#81

Benzo(a)anthracene

Concen: 33.223 ng

RT: 14.02 min Scan# 2028

Delta R.T. 0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:228 Resp: 1329250

Ion Ratio Lower Upper

228 100

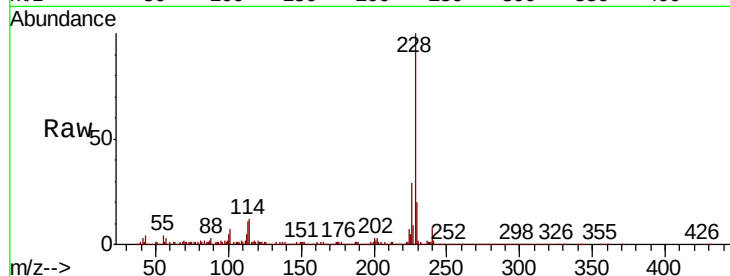
226 29.4 22.2 33.2

229 20.4 16.4 24.6

Manual Integrations
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Sohil

5/14/2019 8:03:03 PM

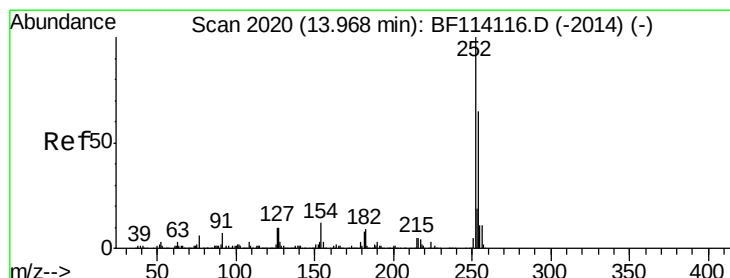
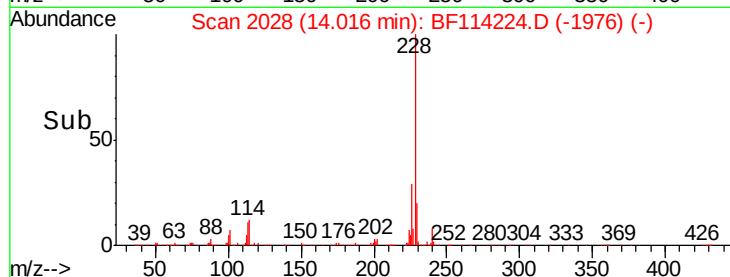
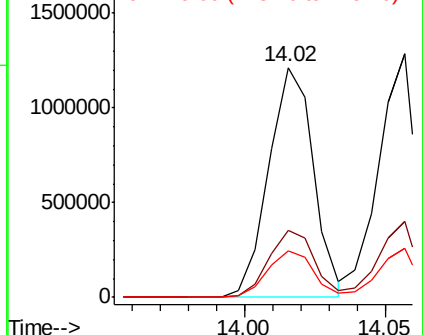


Abundance

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: 0.410 ng

RT: 14.00 min Scan# 2025

Delta R.T. 0.03 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

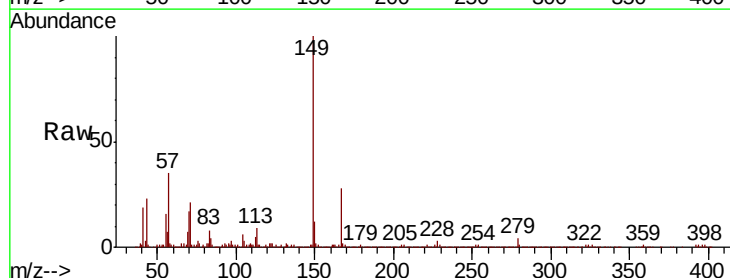
Tgt Ion:252 Resp: 6366

Ion Ratio Lower Upper

252 100

254 105.9 51.9 77.9#

126 73.5 7.9 11.9#

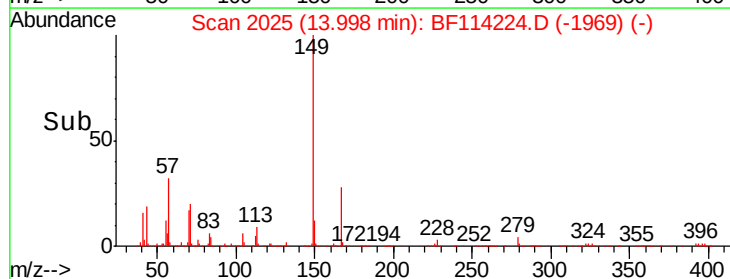
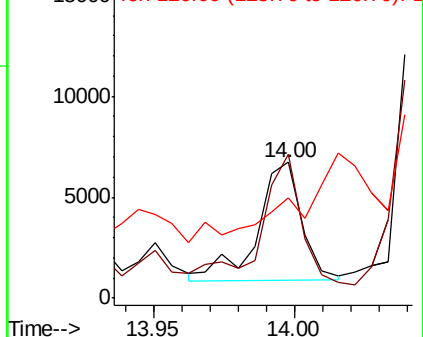


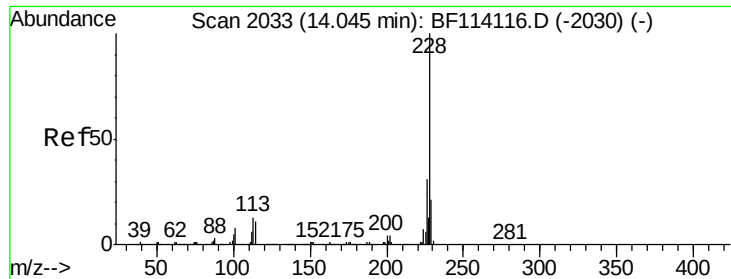
Abundance

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





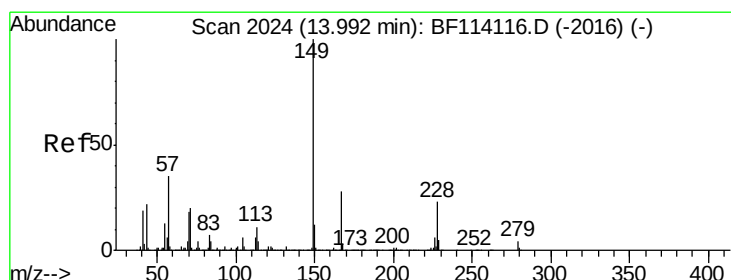
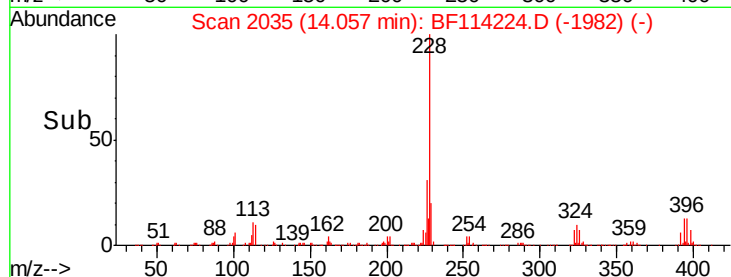
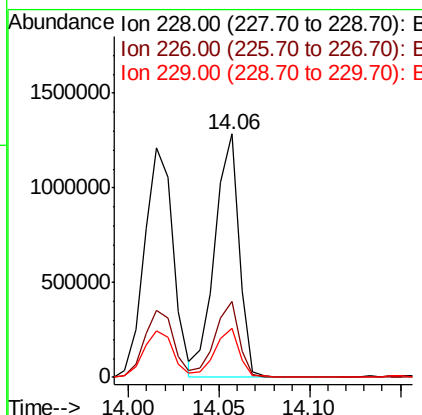
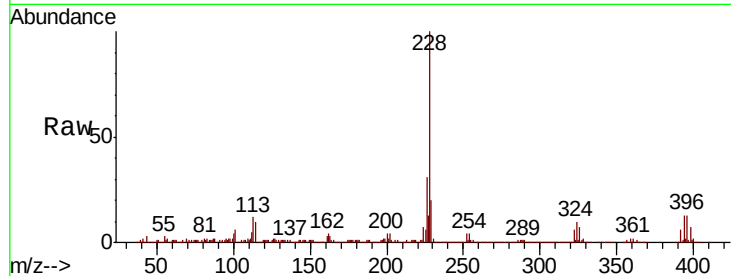
#83
Chrysene
Concen: 30.363 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion:228 Resp: 1190835
Ion Ratio Lower Upper
228 100
226 31.0 25.0 37.6
229 20.0 17.0 25.6

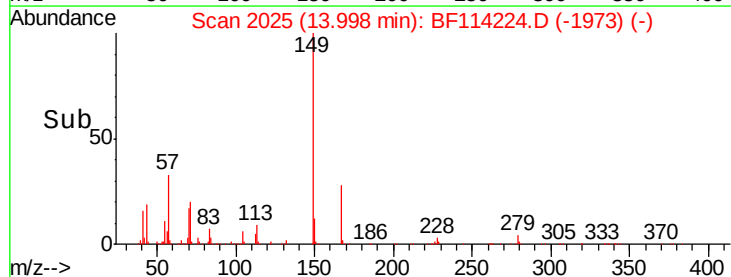
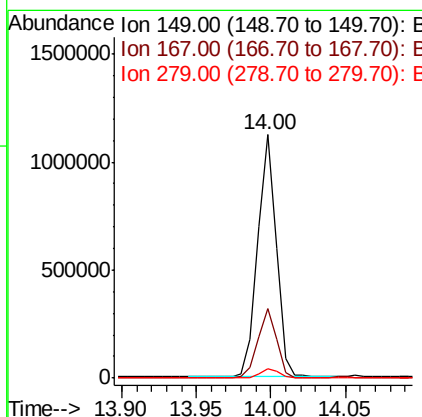
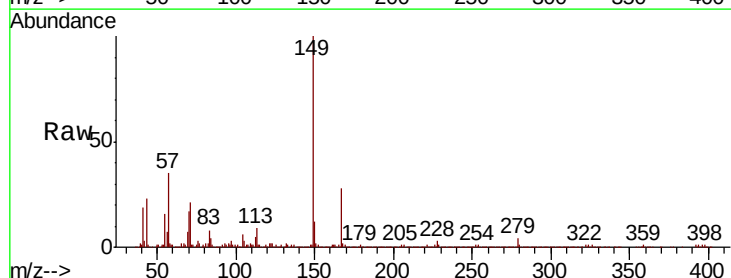
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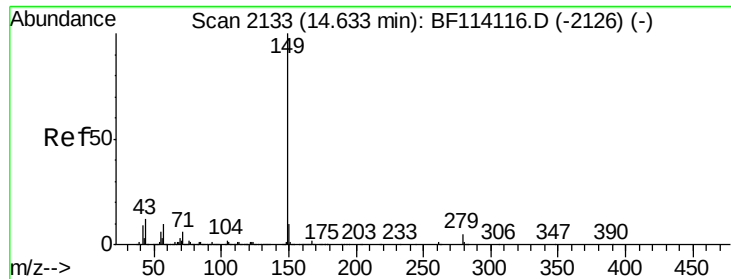
Sohil
5/14/2019 8:03:03 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 34.777 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion:149 Resp: 952664
Ion Ratio Lower Upper
149 100
167 28.4 22.6 33.8
279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 35.044 ng

RT: 14.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MS

Tot Ion:149 Resp: 1556185

Ion Ratio Lower Upper

149 100

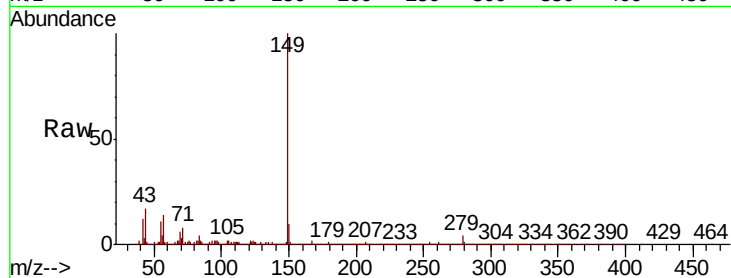
167 1.7 1.3 1.9

43 13.8 10.1 15.1

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Sohil

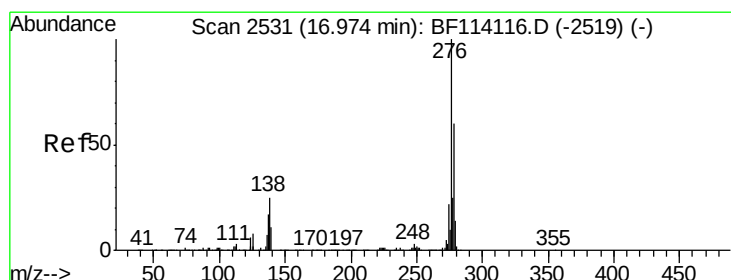
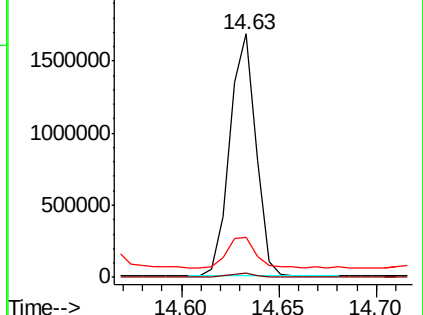
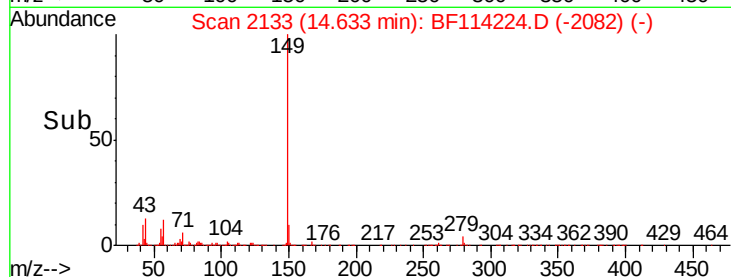
5/14/2019 8:03:03 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 38.309 ng

RT: 17.02 min Scan# 2539

Delta R.T. 0.05 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

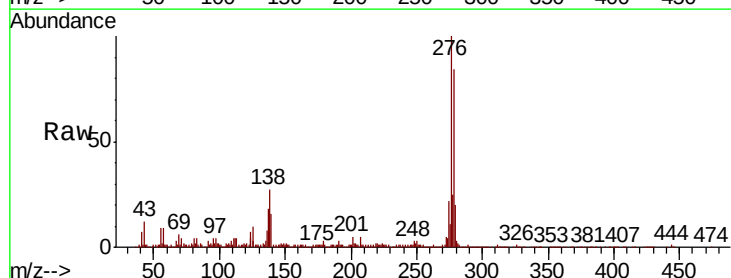
Tgt Ion:276 Resp: 1327891

Ion Ratio Lower Upper

276 100

138 25.9 20.2 30.2

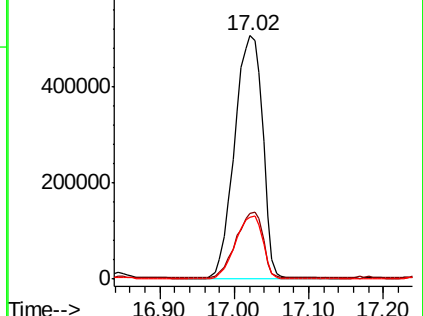
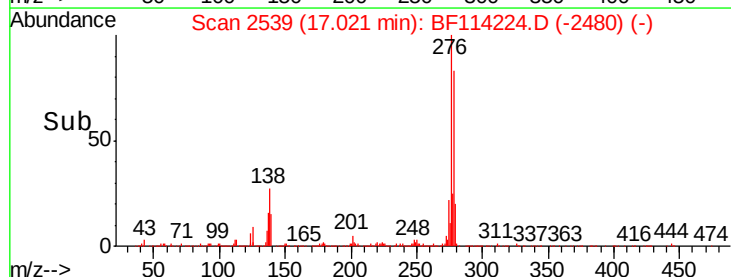
277 25.2 20.0 30.0

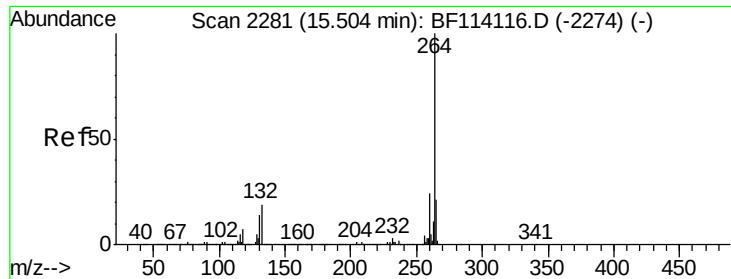


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2285

Delta R.T. 0.02 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

Instrument :

BNA_F

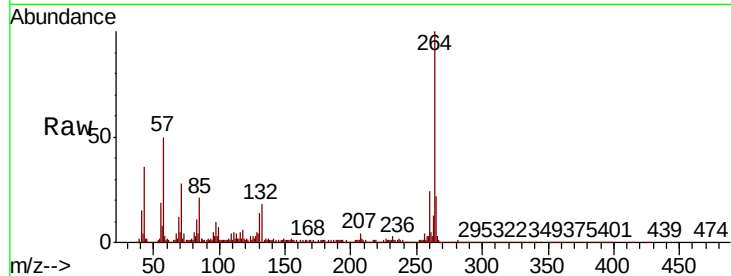
ClientSampleId :

P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.7	16.9	25.3

Manual Integrations
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5/14/2019 8:03:03 PM

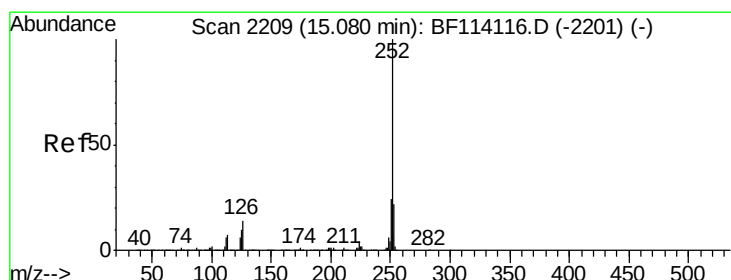
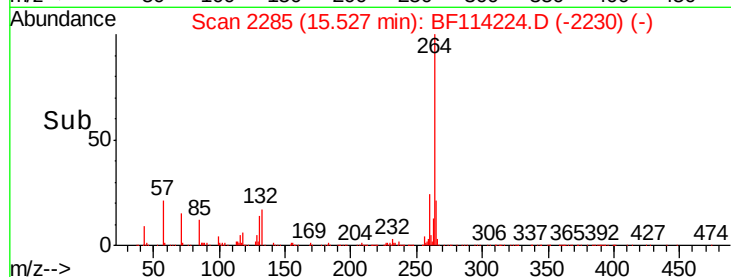
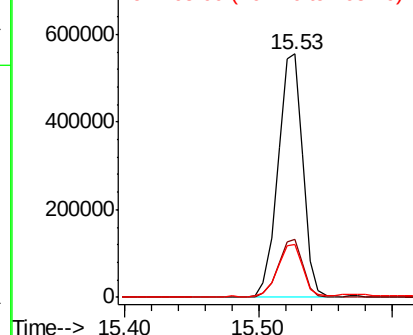


Abundance

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: 32.444 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF114224.D

Acq: 13 May 2019 13:13

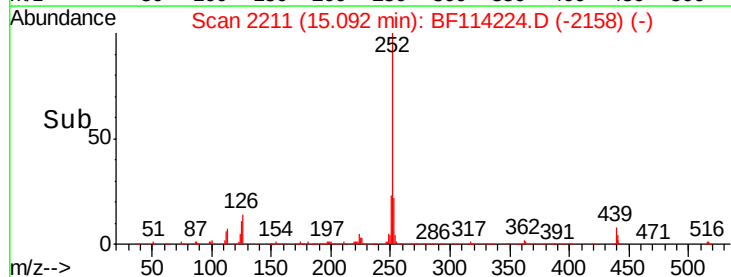
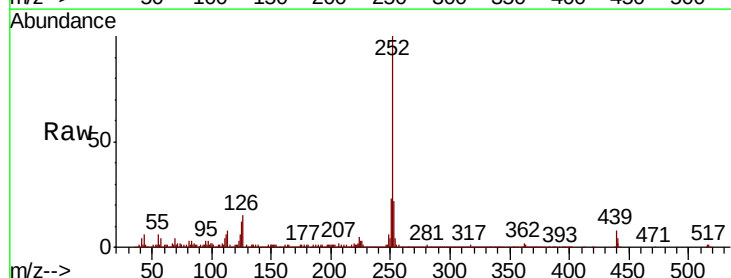
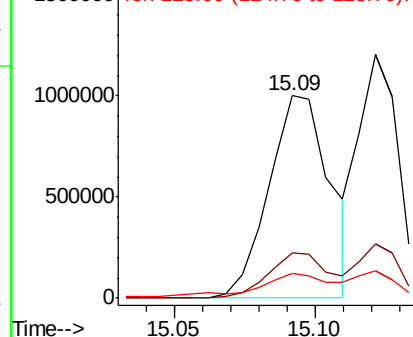
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	12.2	8.3	12.5

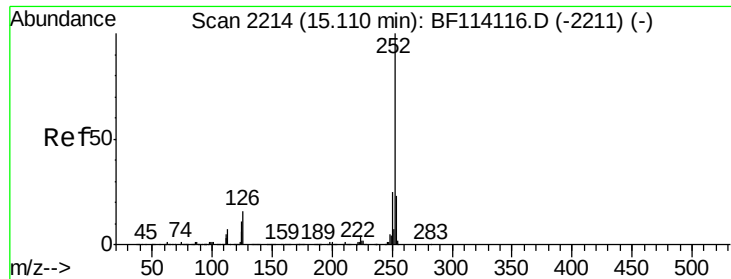
Abundance

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





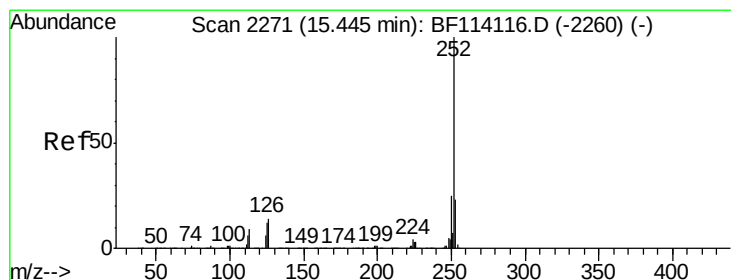
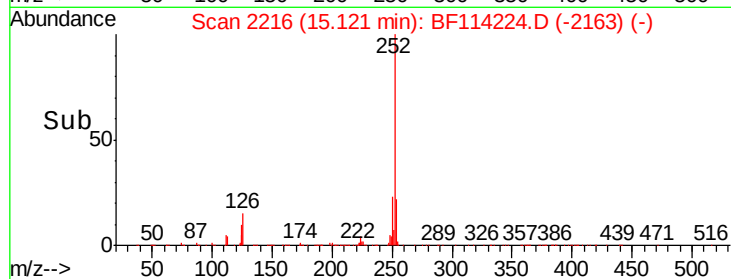
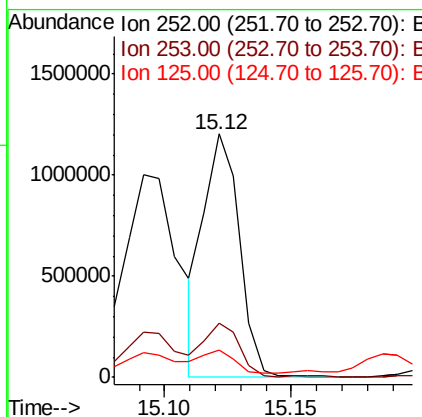
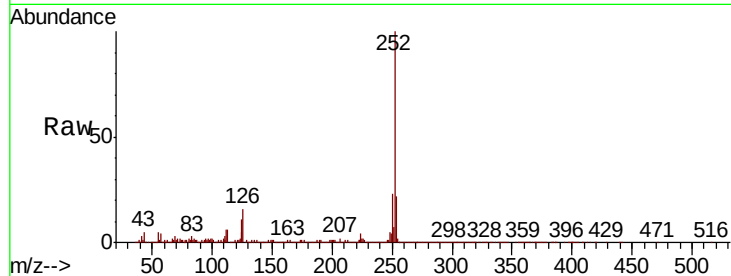
#89
Benzo(k)fluoranthene
Concen: 27.719 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.2	27.2
125	11.2	8.6	13.0

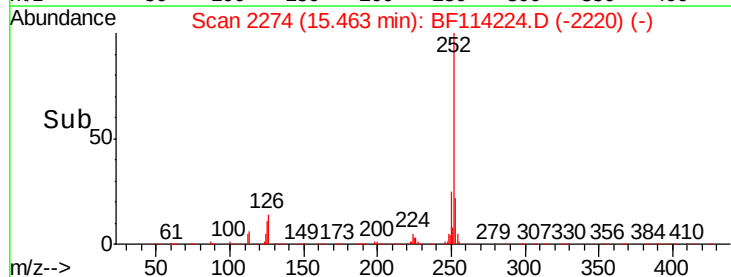
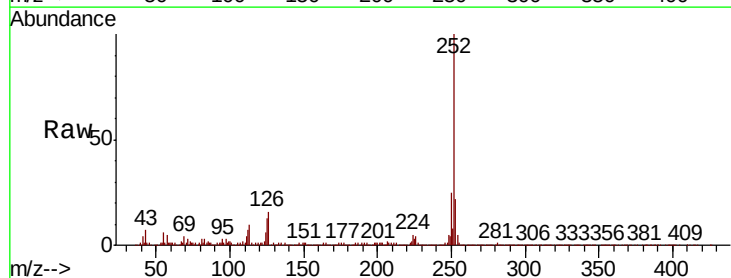
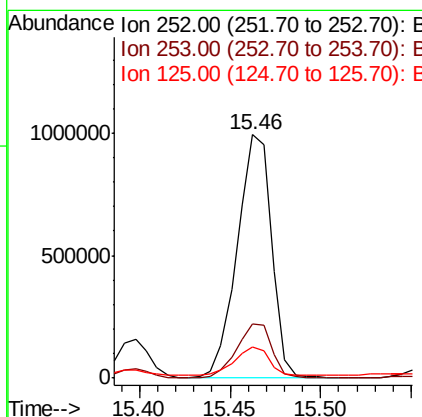
Manual Integrations
APPROVED

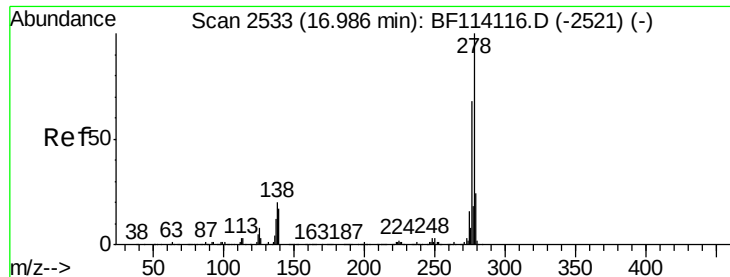
Sohil
5/14/2019 8:03:03 PM



#90
Benzo(a)pyrene
Concen: 32.202 ng
RT: 15.46 min Scan# 2274
Delta R.T. 0.02 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.1	27.1
125	13.1	9.5	14.3





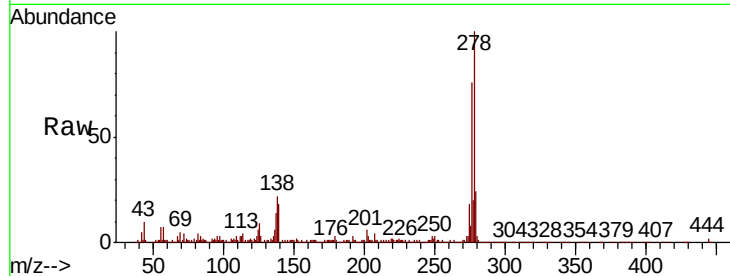
#91
Dibenzo(a,h)anthracene
Concen: 30.773 ng
RT: 17.03 min Scan# 2541
Delta R.T. 0.05 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Instrument :
BNA_F
ClientSampleId :
P026-SS008-0206-01MS

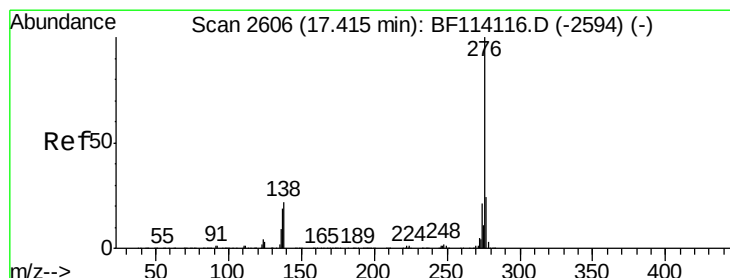
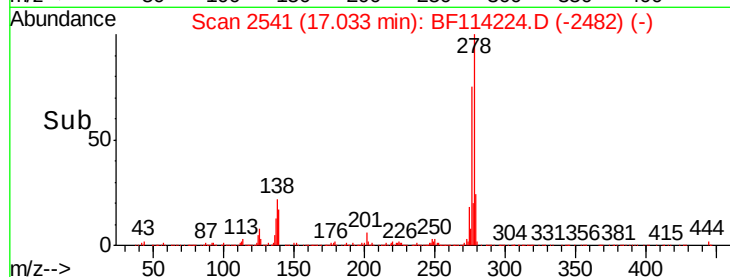
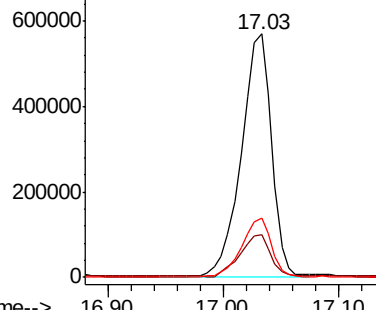
Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.5	20.3
279	24.2	19.0	28.6

Manual Integrations
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Sohil
5/14/2019 8:03:03 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: 32.618 ng
RT: 17.47 min Scan# 2616
Delta R.T. 0.06 min
Lab File: BF114224.D
Acq: 13 May 2019 13:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	22.9	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

