

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
 Data File : BF114194.D
 Acq On : 12 May 2019 16:04
 Operator : JU/SJ
 Sample : K2767-13MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 5/13/2019 8:37:24 PM

Quant Time: May 13 08:39:44 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	267862	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1021993	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	473861	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	857394	20.00	ng	0.00
76) Chrysene-d12	14.03	240	475505	20.00	ng	0.00
87) Perylene-d12	15.50	264	588566	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1504369	90.38	ng	0.01
7) Phenol-d6	6.50	99	1997194	101.45	ng	0.01
23) Nitrobenzene-d5	7.42	82	1260977	69.24	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	432562	88.30	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2005723	64.03	ng	0.00
79) Terphenyl-d14	12.96	244	1634400	70.86	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.63	88	238591	26.078	ng	99
3) Pyridine	3.41	79	573972	22.770	ng	93
4) n-Nitrosodimethylamine	3.33	42	343576	28.264	ng	95
6) Aniline	6.52	93	139306	4.899	ng	# 1
8) 2-Chlorophenol	6.65	128	590278	33.219	ng	98
9) Benzaldehyde	6.40	77	243128	17.641	ng	99
10) Phenol	6.52	94	717566	30.985	ng	88
11) bis(2-Chloroethyl)ether	6.59	93	614089	34.928	ng	99
12) 1,3-Dichlorobenzene	6.80	146	591830	29.671	ng	98
13) 1,4-Dichlorobenzene	6.87	146	599298	29.816	ng	96
14) 1,2-Dichlorobenzene	7.03	146	570109	31.047	ng	99
15) Benzyl Alcohol	7.00	79	518557	33.773	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1077979	31.621	ng	86
17) 2-Methylphenol	7.12	107	412126	28.234	ng	97
18) Hexachloroethane	7.36	117	184709	24.482	ng	93
19) n-Nitroso-di-n-propylamine	7.27	70	421118	33.748	ng	96
20) 3+4-Methylphenols	7.27	107	537454	31.868	ng	# 70
22) Acetophenone	7.26	105	828335	36.586	ng	# 88
24) Nitrobenzene	7.43	77	649631	35.025	ng	98
25) Isophorone	7.67	82	1168142	34.587	ng	99
26) 2-Nitrophenol	7.75	139	330350	36.711	ng	97
27) 2,4-Dimethylphenol	7.79	122	382448	27.060	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	754768	34.443	ng	100
29) 2,4-Dichlorophenol	8.00	162	489345	34.771	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	500574	31.280	ng	97
31) Naphthalene	8.16	128	2329720	48.801	ng	100
32) Benzoic acid	7.92	122	435157	43.886	ng	99
33) 4-Chloroaniline	8.21	127	167738	7.711	ng	95
34) Hexachlorobutadiene	8.27	225	258718	28.413	ng	98
35) Caprolactam	8.58	113	181115	39.468	ng	93
36) 4-Chloro-3-methylphenol	8.69	107	502009	35.437	ng	99
37) 2-Methylnaphthalene	8.85	142	1382461	44.884	ng	97
38) 1-Methylnaphthalene	8.95	142	1218407	42.006	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	481118	33.517	ng	98

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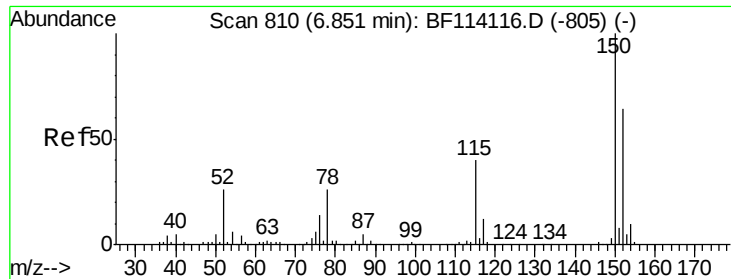
Manual Integrations
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Quant Time: May 13 08:39:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	53374	11.874	nq	99
43) 2,4,6-Trichlorophenol	9.13	196	335553	33.986	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	359126	35.468	nq	94
46) 1,1'-Biphenyl	9.31	154	1407976	36.780	nq	99
47) 2-Chloronaphthalene	9.34	162	978097	31.747	nq	97
48) 2-Nitroaniline	9.43	65	353498	32.353	nq	96
49) Acenaphthylene	9.76	152	2623100	55.980	nq	99
50) Dimethylphthalate	9.61	163	1473755	42.367	nq	99
51) 2,6-Dinitrotoluene	9.67	165	266803	34.580	nq	91
52) Acenaphthene	9.92	154	909086	31.616	nq	100
53) 3-Nitroaniline	9.84	138	137744	14.382	nq	98
54) 2,4-Dinitrophenol	9.95	184	122834	35.737	nq	95
55) Dibenzofuran	10.10	168	1367235	32.427	nq	96
56) 4-Nitrophenol	10.02	139	377826	55.783	nq	95
57) 2,4-Dinitrotoluene	10.08	165	346328	33.071	nq	99
58) Fluorene	10.44	166	1231614	37.817	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	275326m	31.514	nq	
60) Diethylphthalate	10.31	149	1133166	32.061	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	497793	31.121	nq	100
62) 4-Nitroaniline	10.45	138	154831	15.384	nq	94
63) Azobenzene	10.59	77	1055024	30.838	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	88533	21.489	nq	89
66) n-Nitrosodiphenylamine	10.55	169	903791	34.732	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	305718	32.384	nq	99
68) Hexachlorobenzene	10.99	284	330740	31.669	nq	95
69) Atrazine	11.07	200	283606	35.022	nq	97
70) Pentachlorophenol	11.19	266	305661	61.742	nq	99
71) Phenanthrene	11.41	178	4258171	102.082	nq	96
72) Anthracene	11.46	178	1852993	44.227	nq	100
73) Carbazole	11.60	167	1300129	32.541	nq	98
74) Di-n-butylphthalate	11.93	149	1603481	34.836	nq	99
75) Fluoranthene	12.60	202	4621043	102.873	nq	95
78) Pyrene	12.84	202	7049556	184.292	nq	93
80) Butylbenzylphthalate	13.43	149	618065	38.388	nq	99
81) Benzo(a)anthracene	14.02	228	3585862	116.593	nq	# 83
83) Chrysene	14.06	228	3697789	122.650	nq	96
84) Bis(2-ethylhexyl)phthalate	13.99	149	875269	41.566	nq	99
85) Di-n-octyl phthalate	14.60	149	1449276	42.456	nq	98
86) Indeno(1,2,3-cd)pyrene	17.00	276	2504945	94.011	nq	99
88) Benzo(b)fluoranthene	15.08	252	4614435m	122.376	nq	
89) Benzo(k)fluoranthene	15.10	252	1593036m	45.992	nq	
90) Benzo(a)pyrene	15.45	252	3410220	102.763	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	1221560	44.299	nq	99
92) Benzo(g,h,i)perylene	17.45	276	2545758	92.122	nq	100

(#) = 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: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

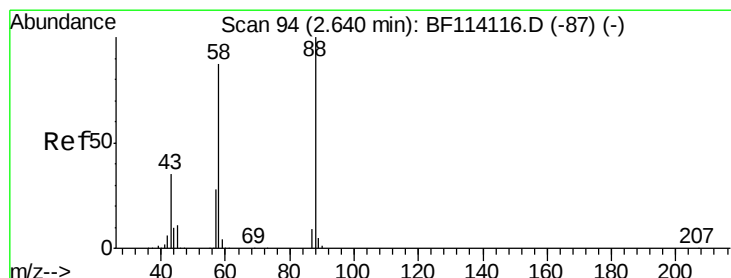
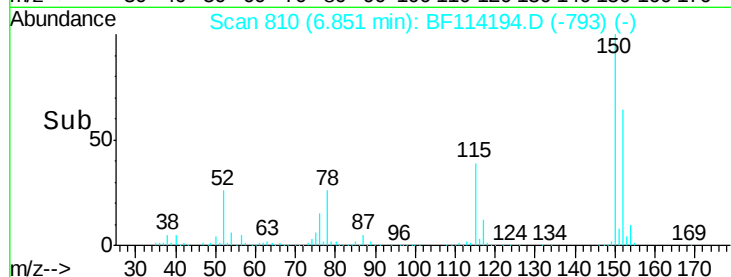
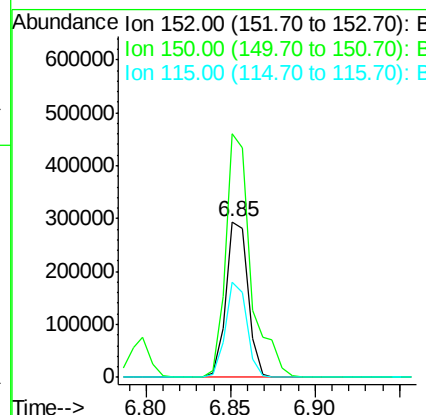
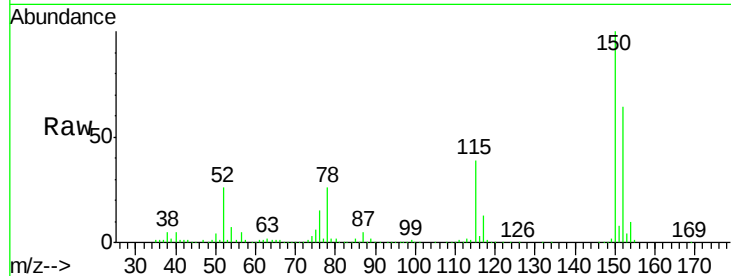
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:	152	Resp:	267862
Ion Ratio	Lower	Upper	
152	100		
150	156.3	124.3	186.5
115	61.1	49.1	73.7

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#2

1,4-Dioxane

Concen: 26.078 ng

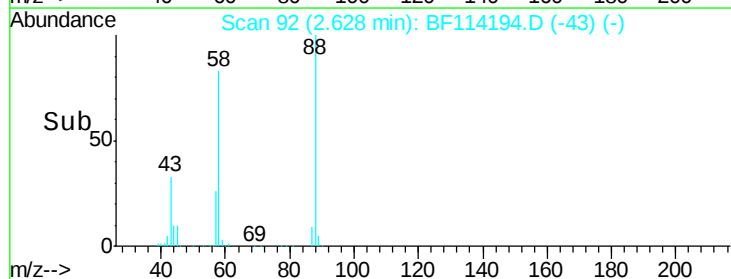
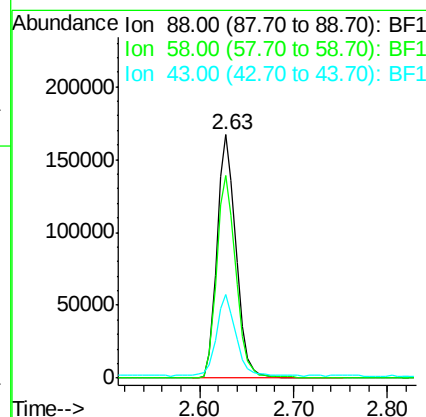
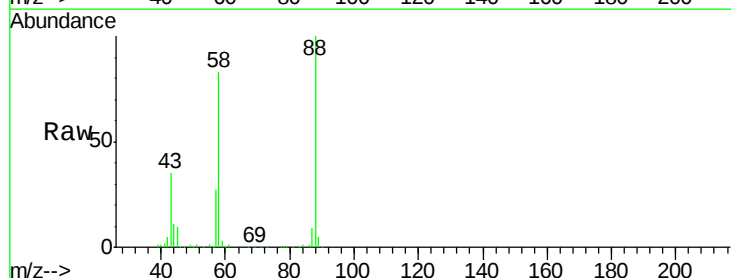
RT: 2.63 min Scan# 92

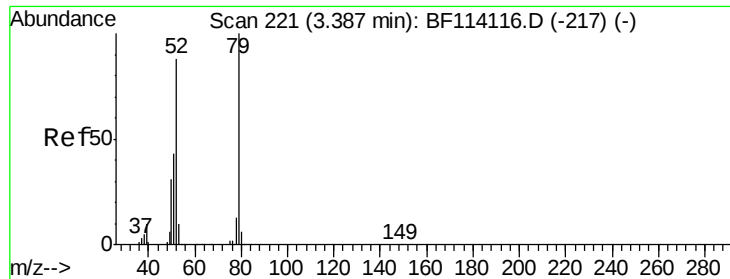
Delta R.T. -0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Tgt Ion:	88	Resp:	238591
Ion Ratio	Lower	Upper	
88	100		
58	85.1	68.7	103.1
43	33.9	28.2	42.2





#3

Pvridine

Concen: 22.770 ng

RT: 3.41 min Scan# 225

Delta R.T. 0.02 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

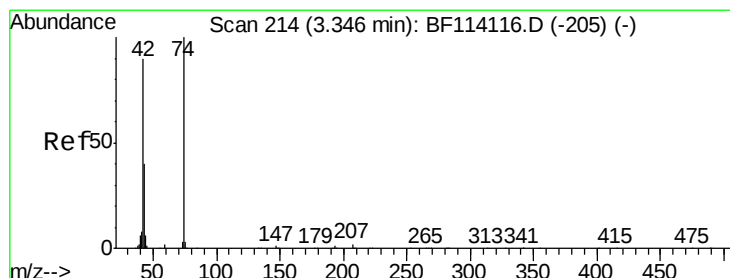
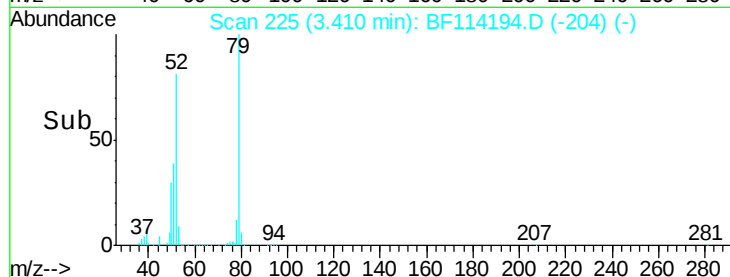
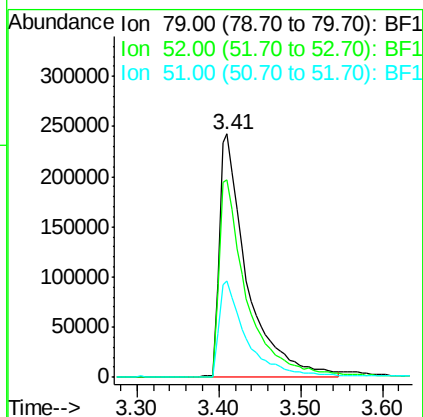
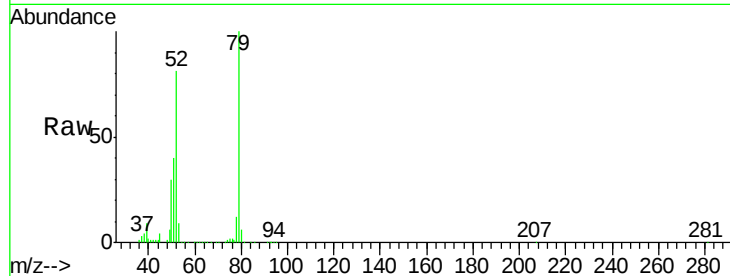
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:	79	Resp:	573972
Ion	Ratio	Lower	Upper
79	100		
52	81.2	70.6	105.8
51	39.6	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 28.264 ng

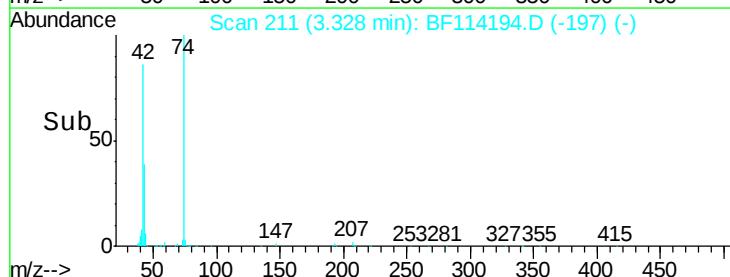
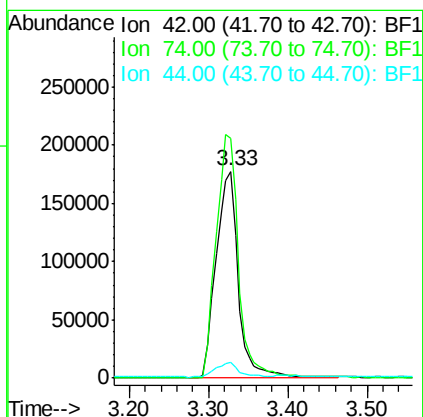
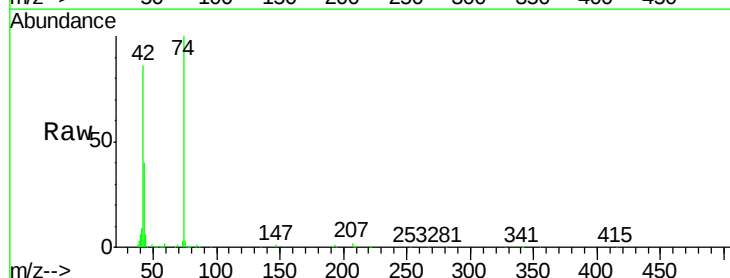
RT: 3.33 min Scan# 211

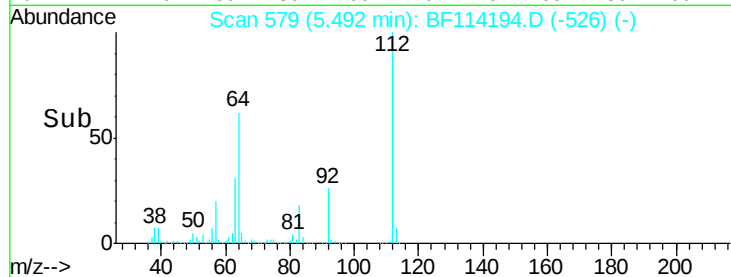
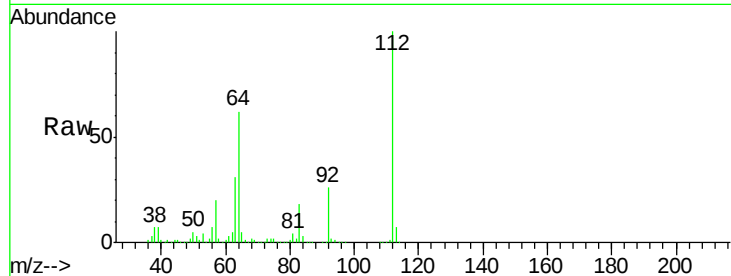
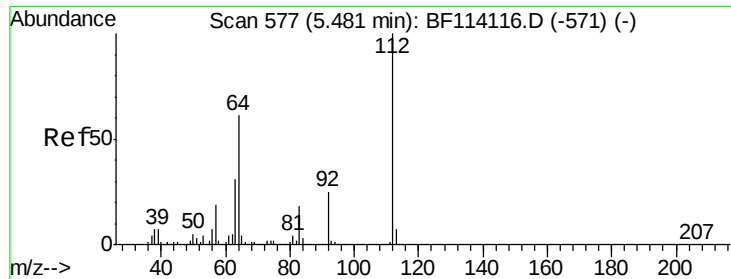
Delta R.T. -0.02 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Tgt Ion:	42	Resp:	343576
Ion	Ratio	Lower	Upper
42	100		
74	116.3	88.6	132.8
44	7.5	5.5	8.3





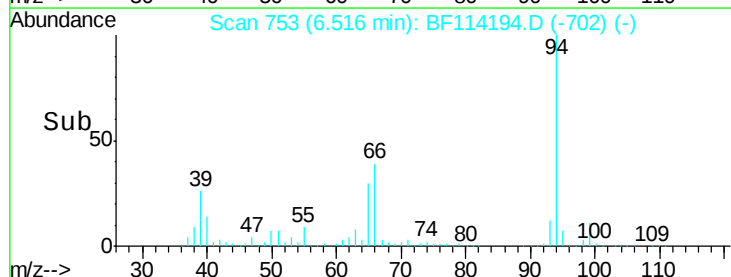
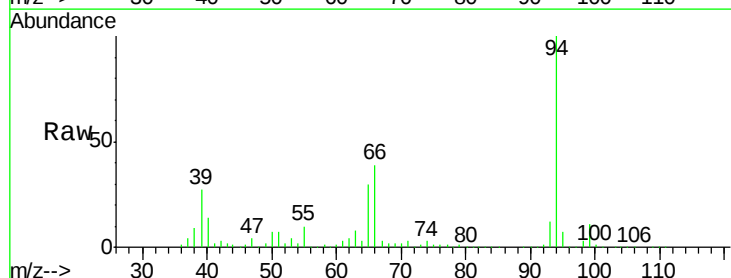
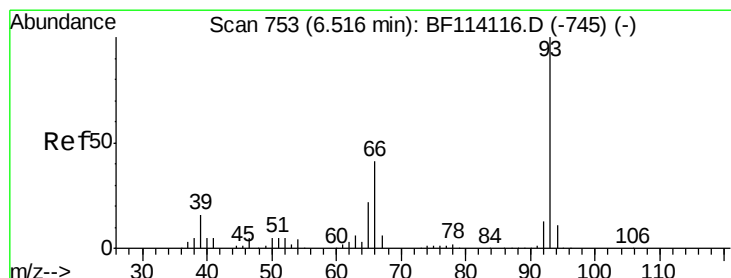
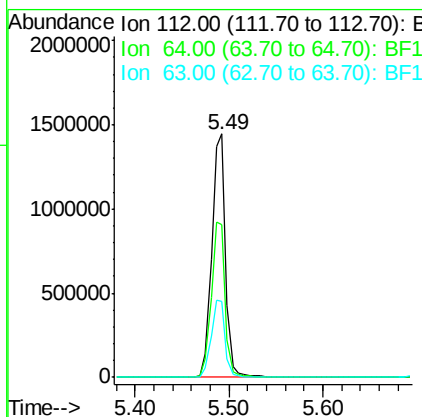
#5
2-Fluorophenol
Concen: 90.379 ng
RT: 5.49 min Scan# 579
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tot Ion	Ratio	Lower	Upper
112	100		
64	62.5	49.0	73.6
63	31.3	24.6	37.0

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

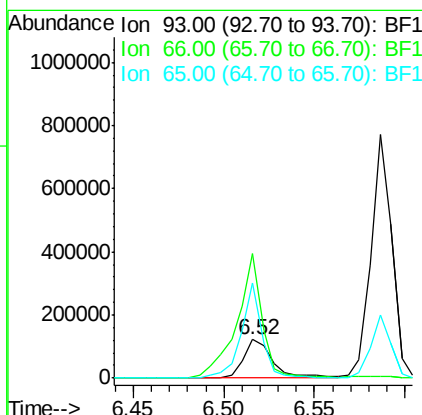
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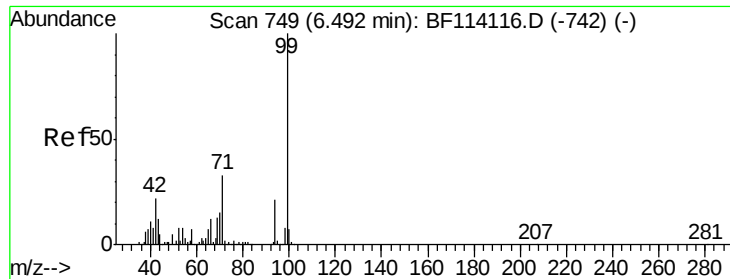
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#6
Aniline
Concen: 4.899 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
93	100		
66	321.2	33.2	49.8#
65	246.0	17.6	26.4#





#7

Phenol-d6

Concen: 101.449 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion: 99 Resp: 1997194

Ion Ratio Lower Upper

99 100

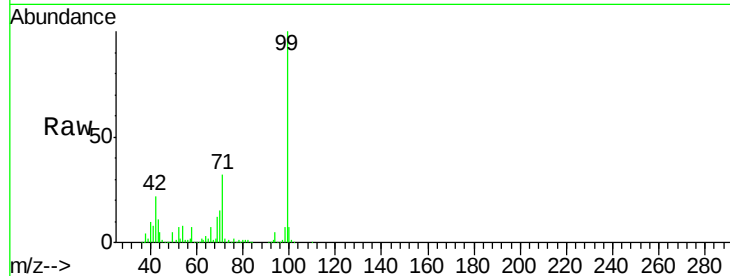
42 22.2 17.9 26.9

71 32.2 26.2 39.2

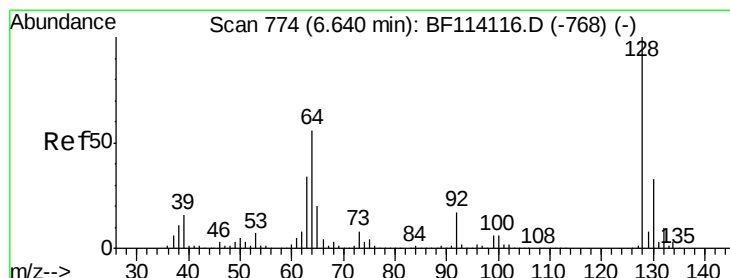
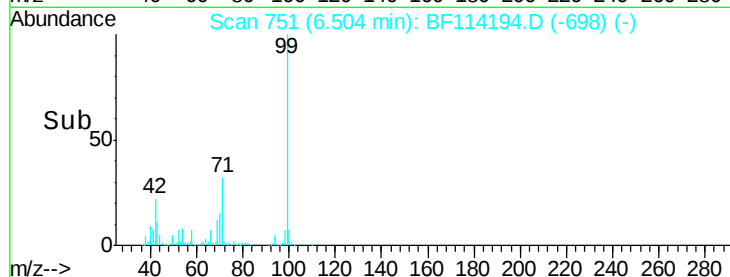
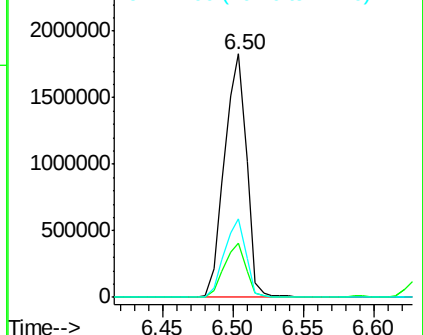
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 33.219 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

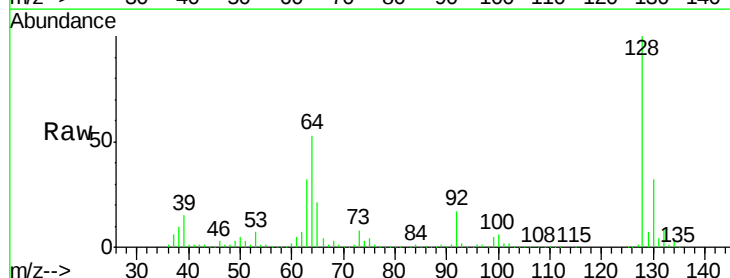
Tgt Ion: 128 Resp: 590278

Ion Ratio Lower Upper

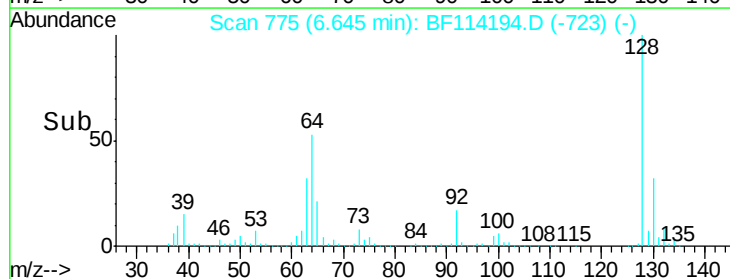
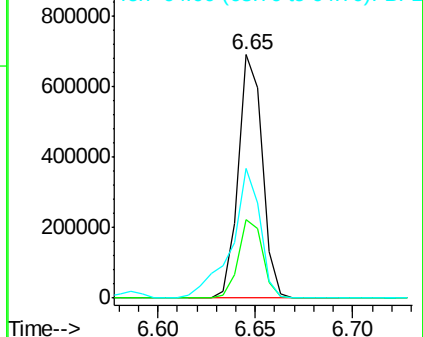
128 100

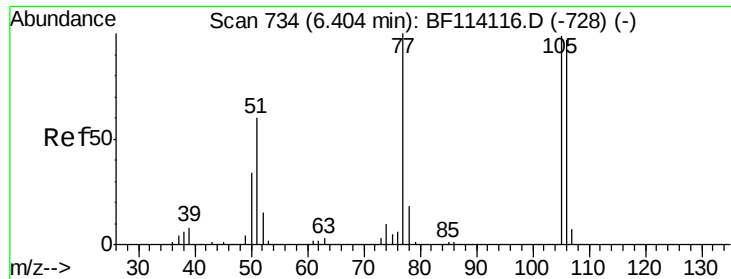
130 32.2 12.6 52.6

64 53.4 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: 17.641 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

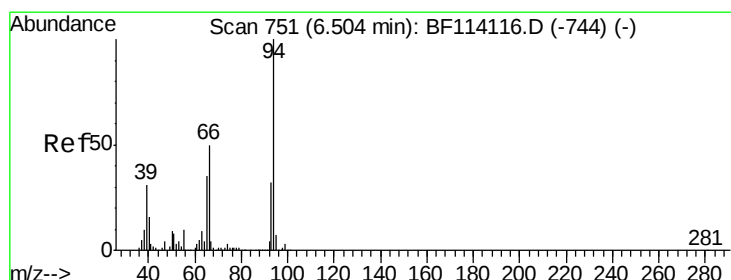
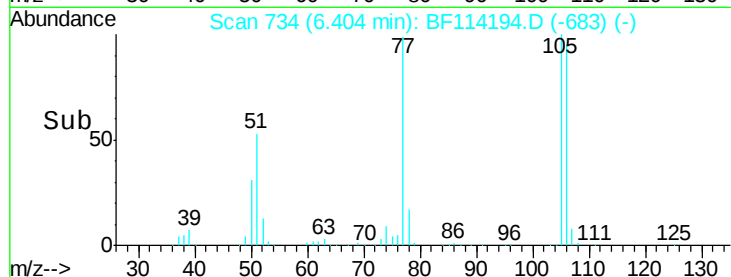
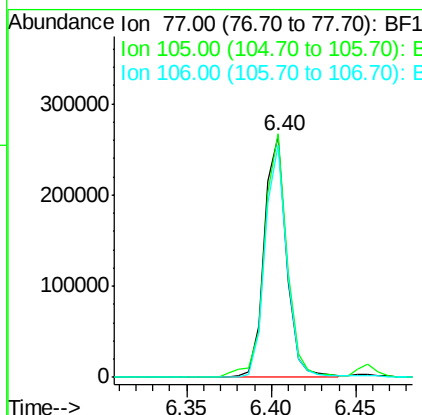
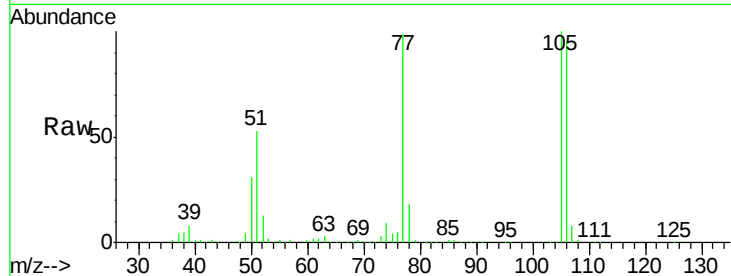
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:	77	Resp:	243128
Ion	Ratio	Lower	Upper
77	100		
105	100.8	79.3	119.3
106	96.0	77.0	117.0

Manual Integrations
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#10

Phenol

Concen: 30.985 ng

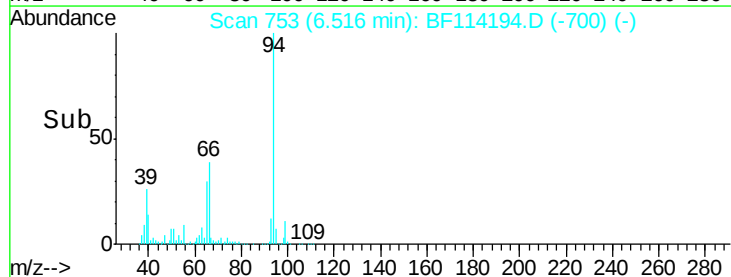
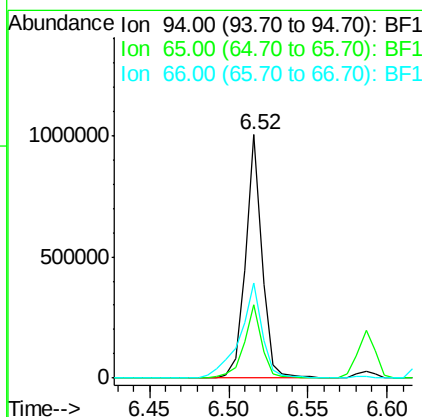
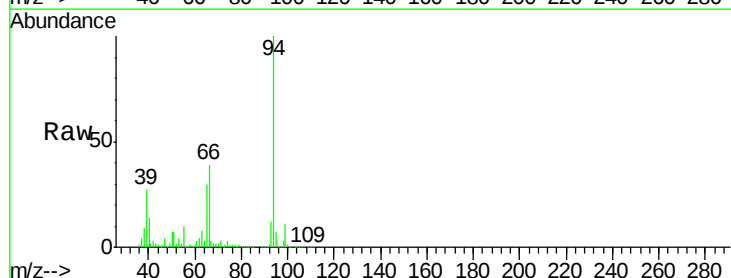
RT: 6.52 min Scan# 753

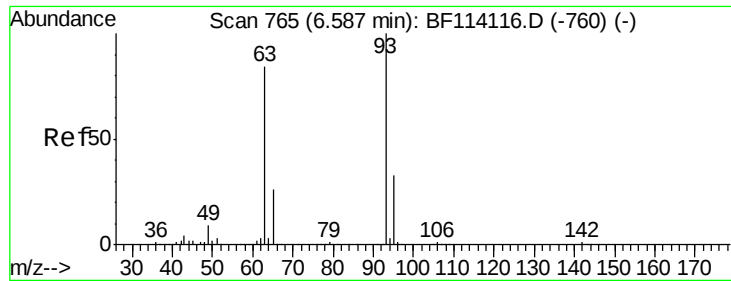
Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Tgt Ion:	94	Resp:	717566
Ion	Ratio	Lower	Upper
94	100		
65	30.1	14.7	54.7
66	39.2	29.6	69.6





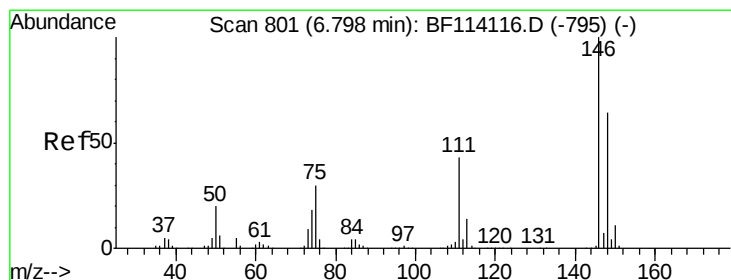
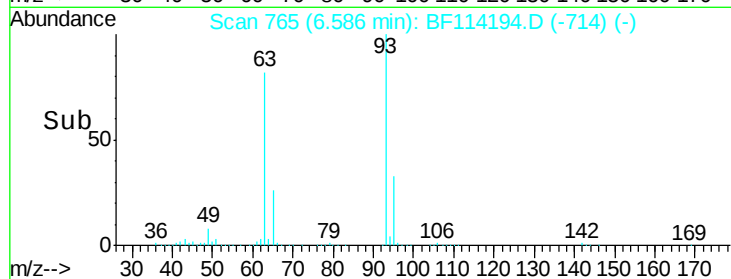
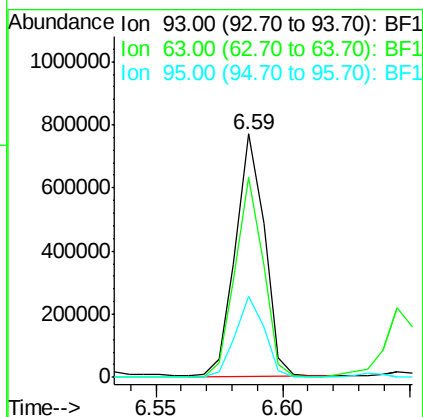
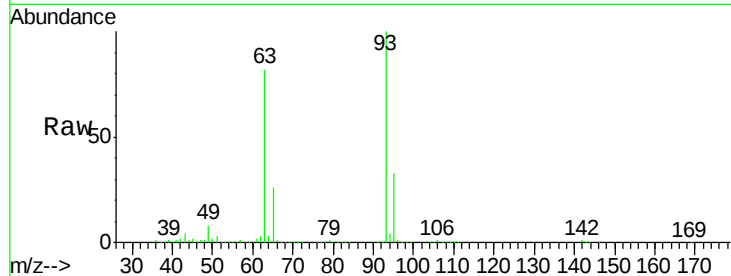
#11
bis(2-Chloroethyl)ether
Concen: 34.928 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	82.2	63.6	103.6	
95	33.2	13.1	53.1	

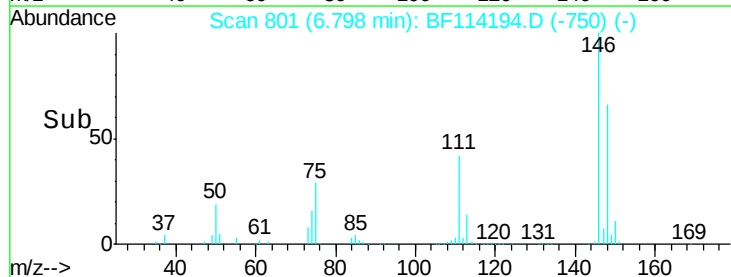
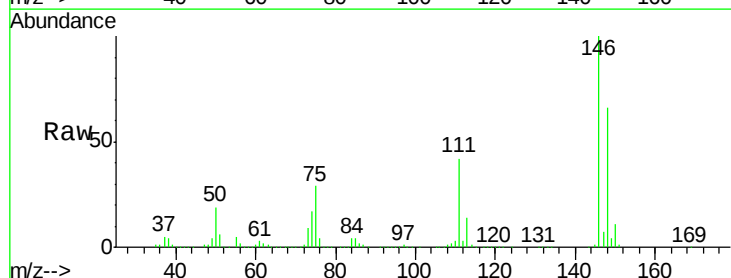
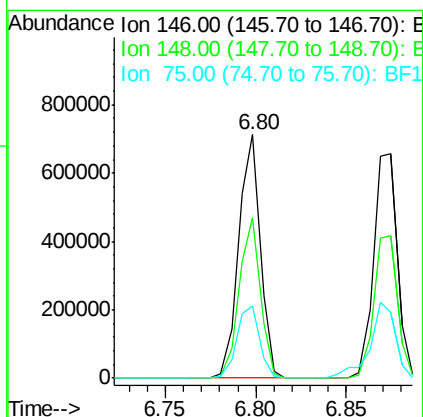
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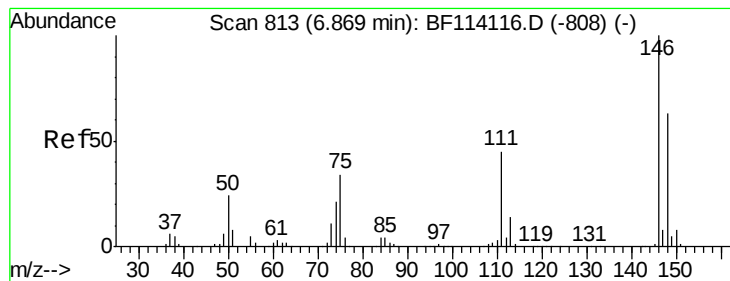
Sohil
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#12
1,3-Dichlorobenzene
Concen: 29.671 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	65.8	51.6	77.4	
75	29.4	24.2	36.2	





#13

1,4-Dichlorobenzene

Concen: 29.816 ng

RT: 6.87 min Scan# 814

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

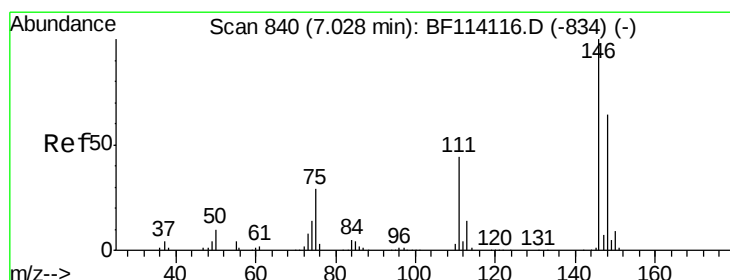
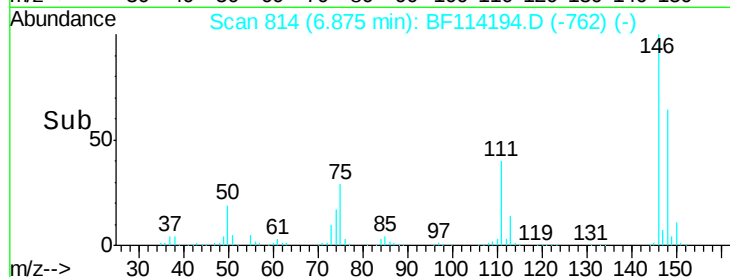
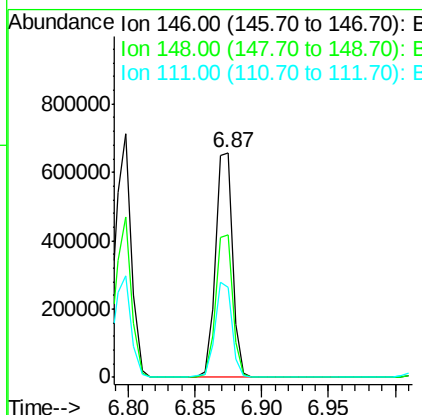
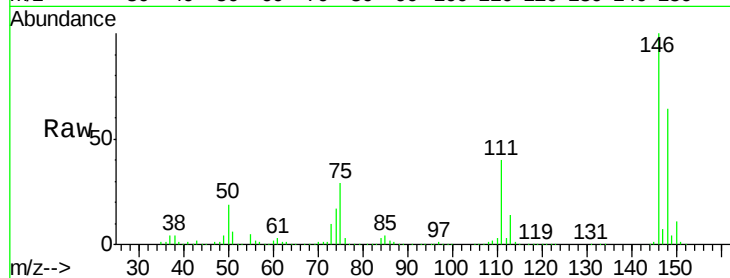
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:	146	Resp:	599298
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.2	75.2
111	39.9	35.8	53.6

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#14

1,2-Dichlorobenzene

Concen: 31.047 ng

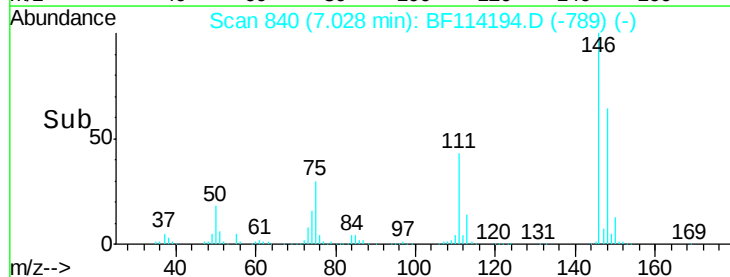
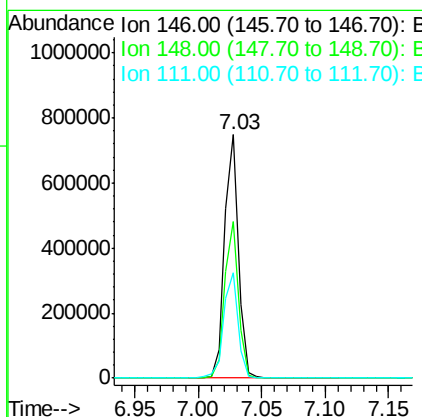
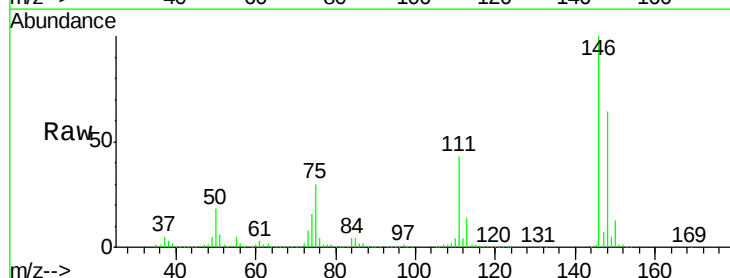
RT: 7.03 min Scan# 840

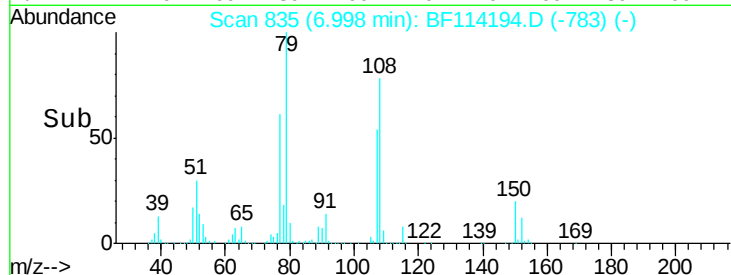
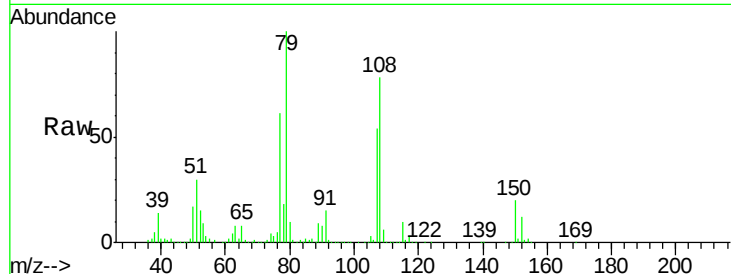
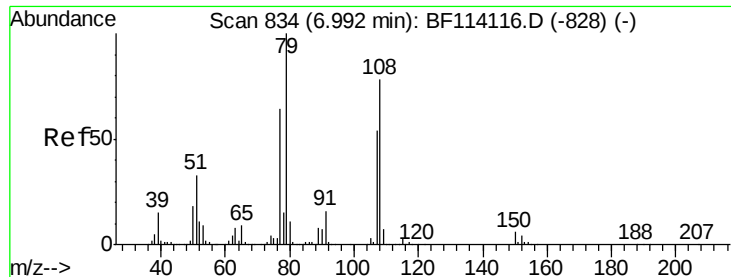
Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Tgt Ion:	146	Resp:	570109
Ion Ratio	Lower	Upper	
146	100		
148	64.2	51.1	76.7
111	43.4	35.3	52.9





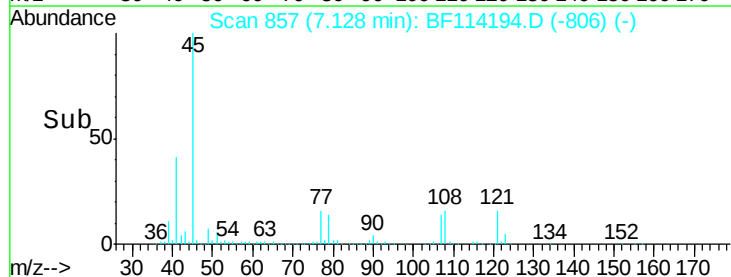
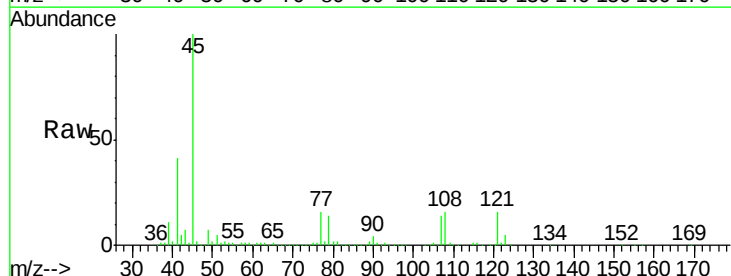
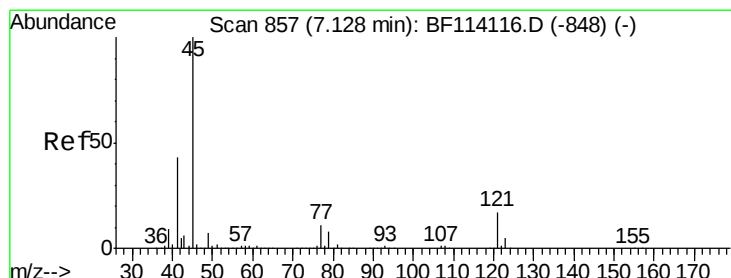
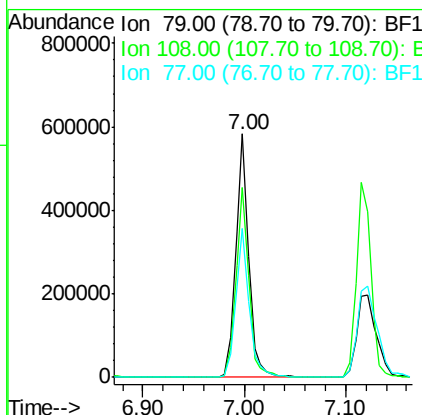
#15
Benzyl Alcohol
Concen: 33.773 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tot Ion	Ratio	Resp	Lower	Upper
79	100	518557		
108	78.1	62.1	93.1	
77	61.3	51.0	76.6	

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

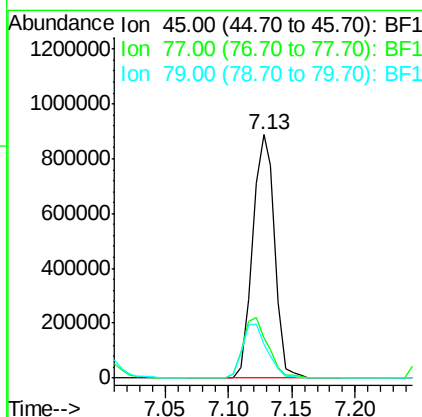
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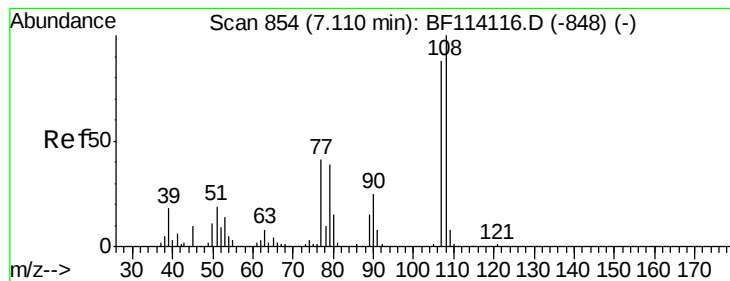
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.621 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	1077979		
77	16.3	0.0	31.1	
79	13.7	0.0	28.4	





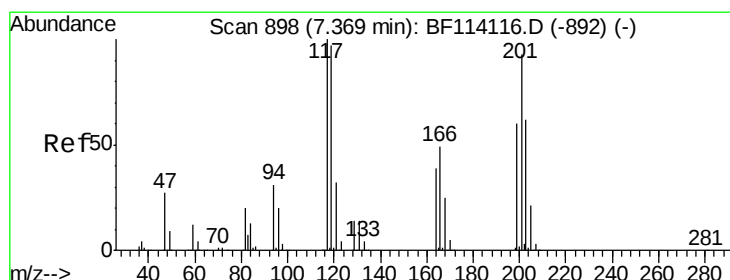
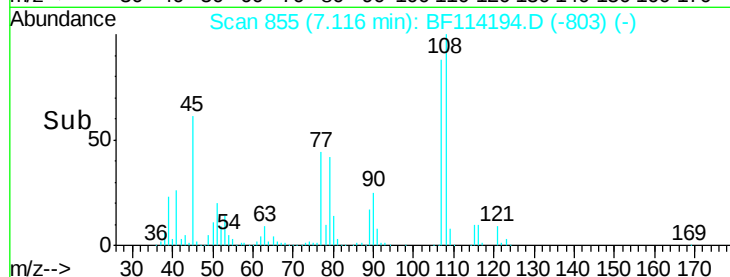
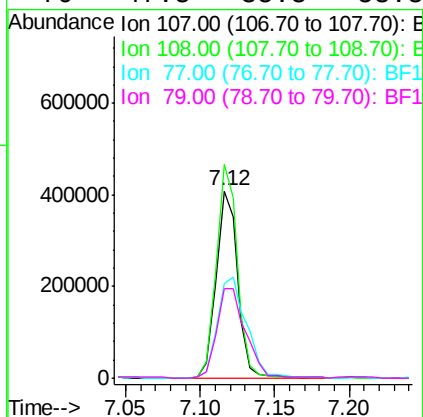
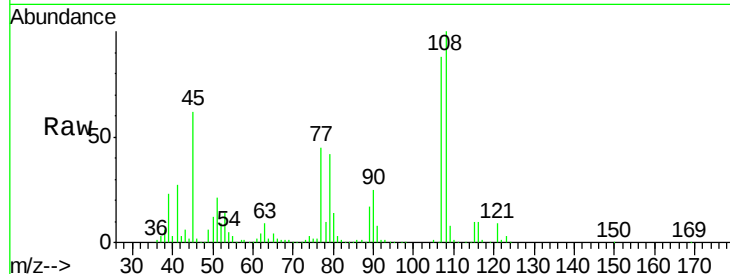
#17
2-Methylphenol
Concen: 28.234 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	90.5	135.7	
77	50.8	37.0	55.4	
79	47.8	35.8	53.8	

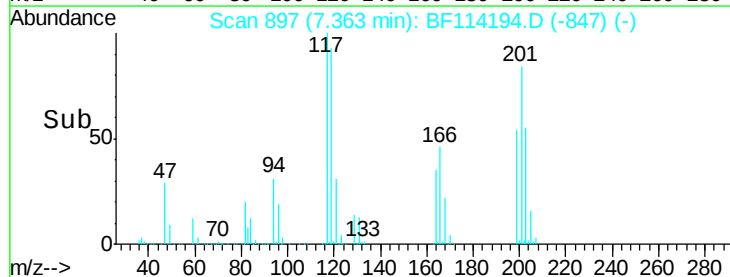
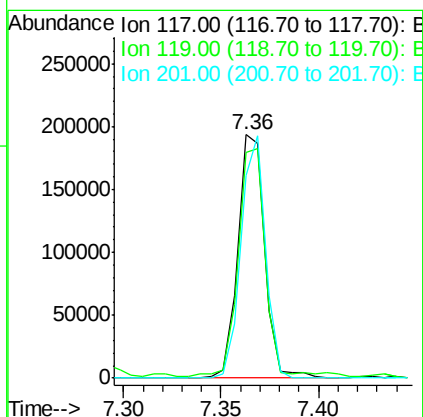
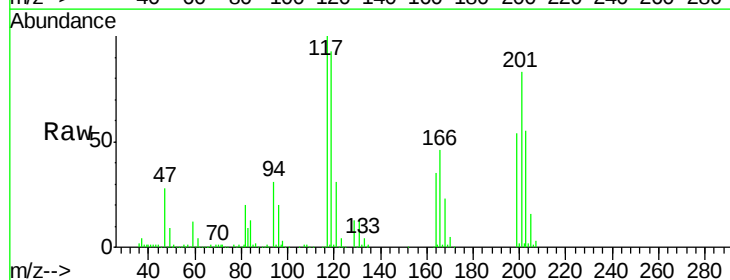
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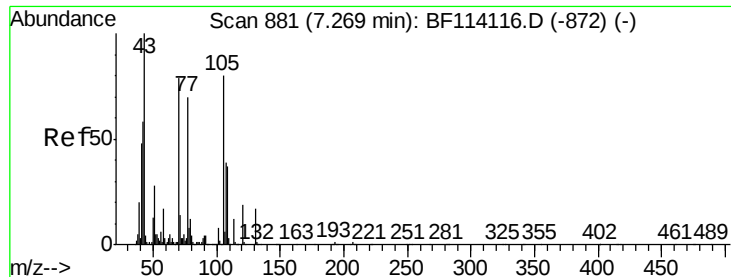
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#18
Hexachloroethane
Concen: 24.482 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	92.9	77.4	116.2	
201	83.4	74.5	111.7	





#19

n-Nitroso-di-n-propylamine

Concen: 33.748 ng

RT: 7.27 min Scan# 881

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

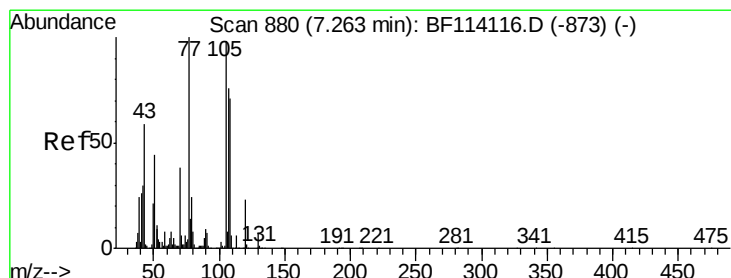
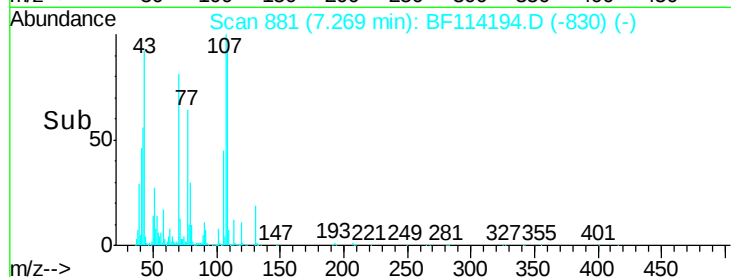
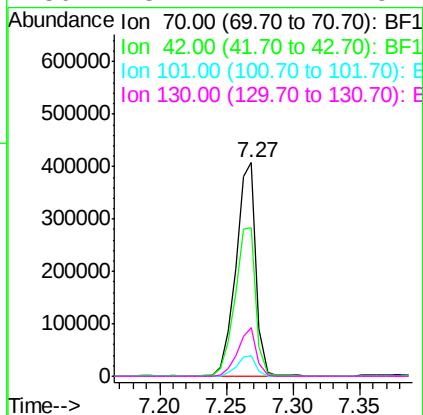
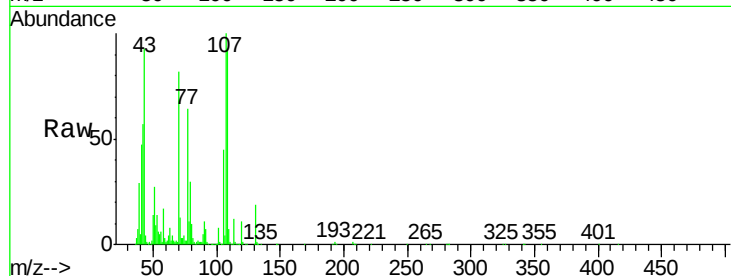
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	69.4	58.6	87.8
101	9.9	7.8	11.8
130	23.1	17.1	25.7

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#20

3+4-Methylphenols

Concen: 31.868 ng

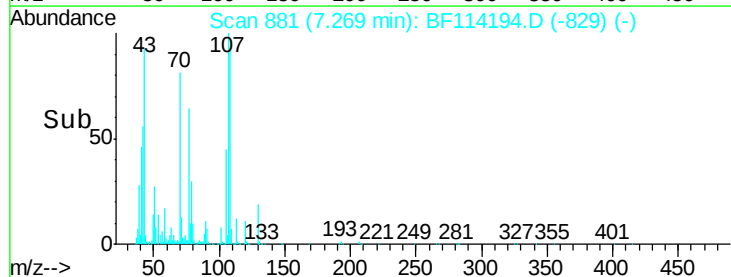
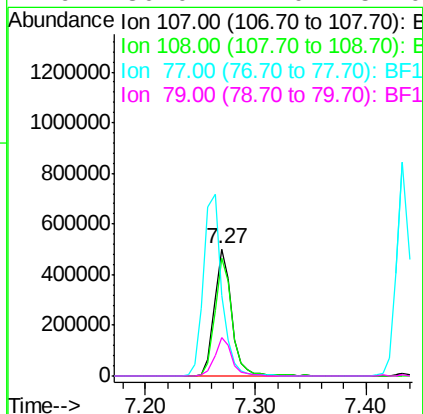
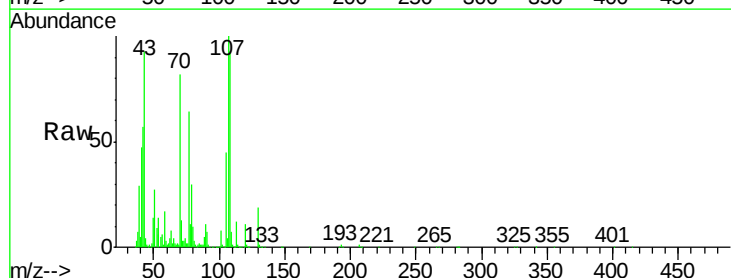
RT: 7.27 min Scan# 881

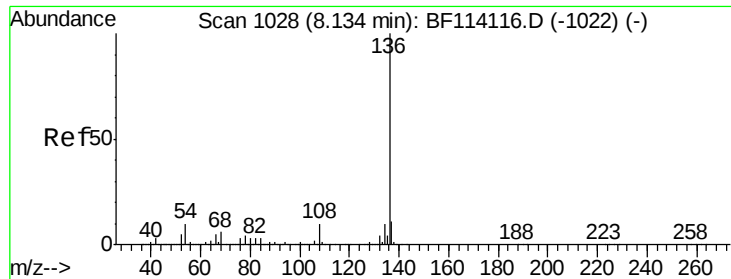
Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.1	73.8	113.8
77	64.0	111.5	151.5#
79	30.0	12.0	52.0





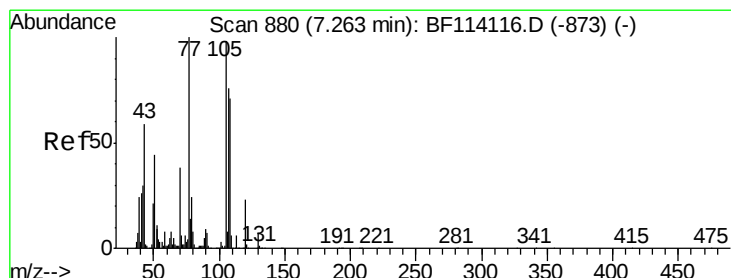
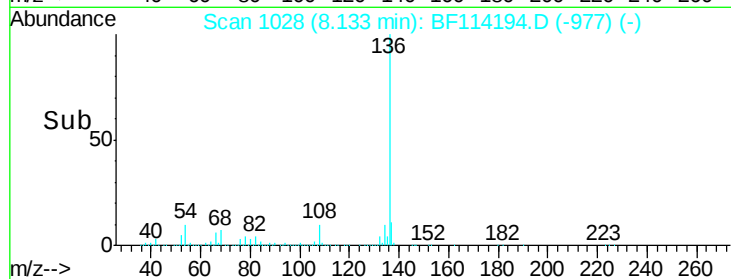
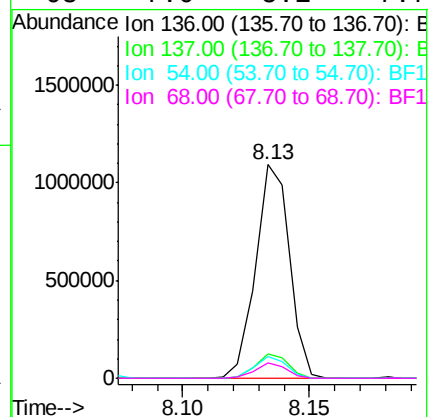
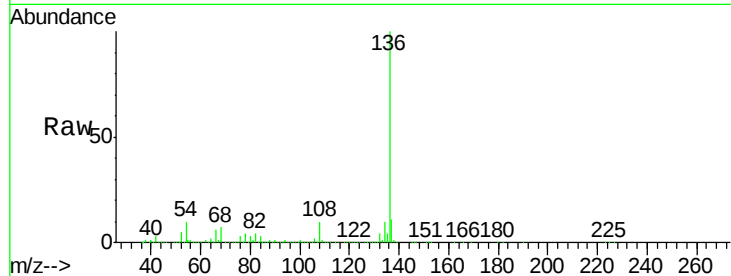
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	136	Resp	1021993
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	10.2	7.8	11.8
68	7.0	5.1	7.7

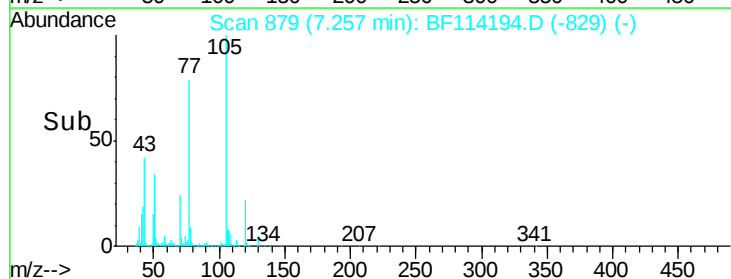
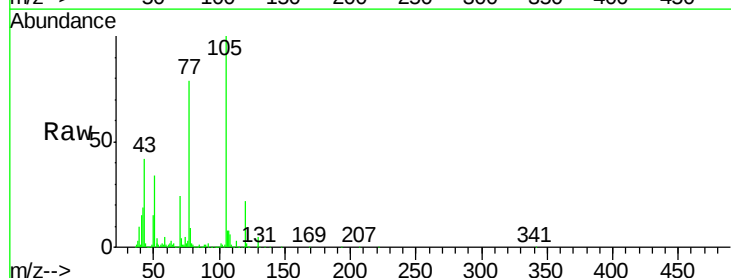
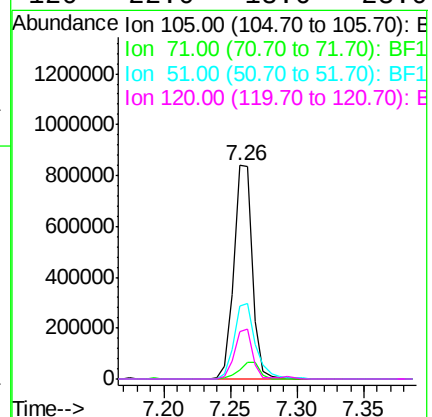
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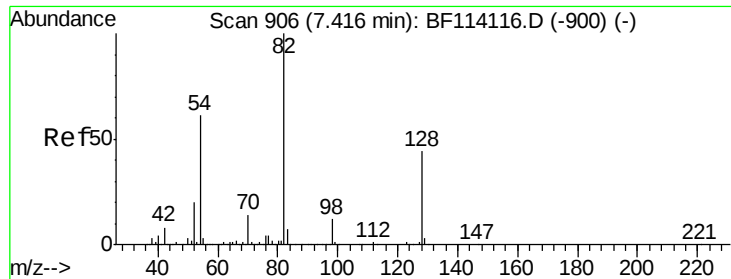
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#22
Acetophenone
Concen: 36.586 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	105	Resp	828335
Ion	Ratio	Lower	Upper
105	100		
71	4.3	5.3	7.9#
51	34.2	36.2	54.4#
120	22.0	18.6	28.0





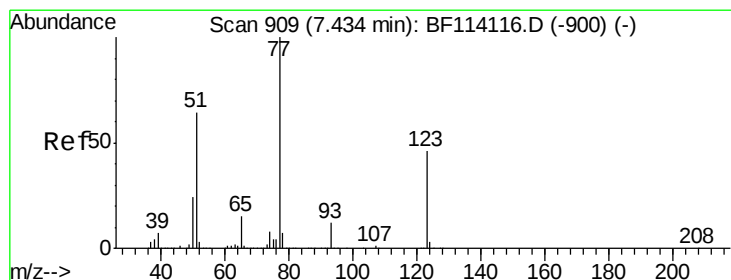
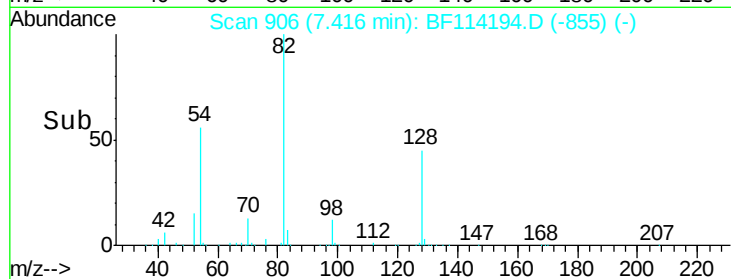
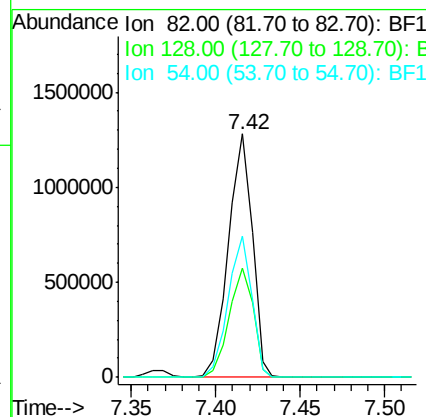
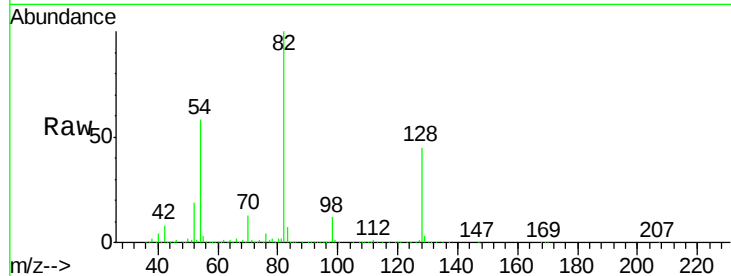
#23
Nitrobenzene-d5
Concen: 69.243 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	82	Resp	1260977
Ion Ratio	100	Lower	Upper
82	100		
128	45.1	35.5	53.3
54	57.9	48.5	72.7

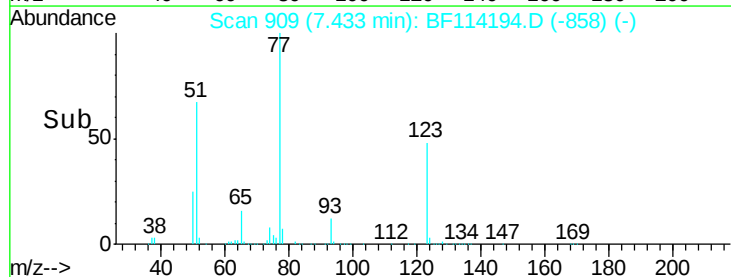
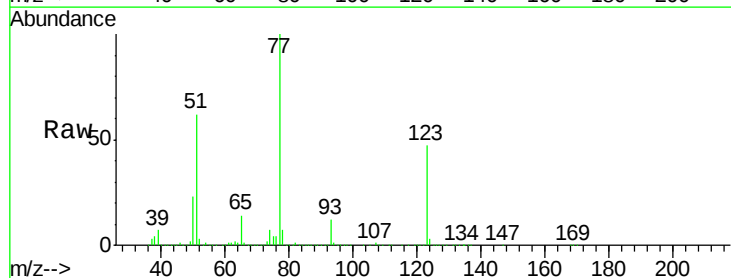
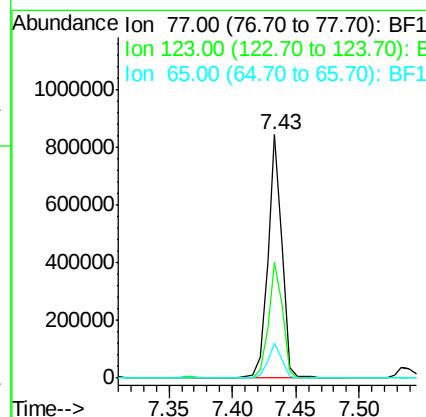
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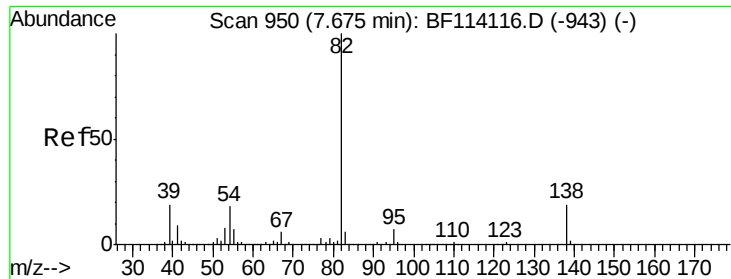
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#24
Nitrobenzene
Concen: 35.025 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	77	Resp	649631
Ion Ratio	100	Lower	Upper
77	100		
123	47.3	36.9	55.3
65	14.2	11.8	17.6





#25

Isophorone

Concen: 34.587 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion: 82 Resp: 1168142

Ion Ratio Lower Upper

82 100

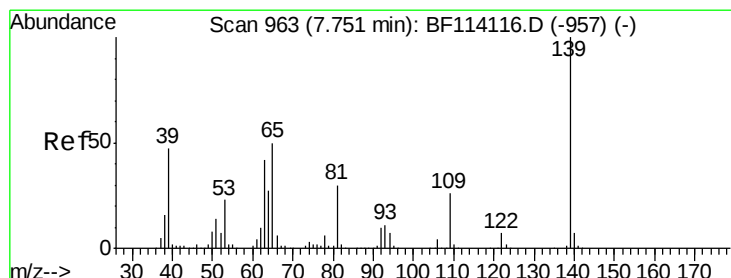
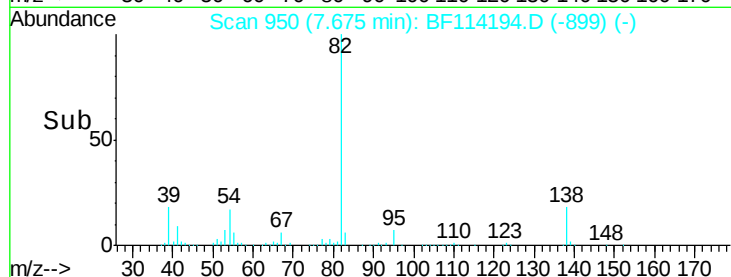
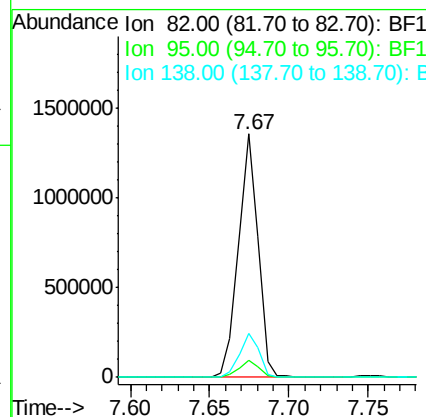
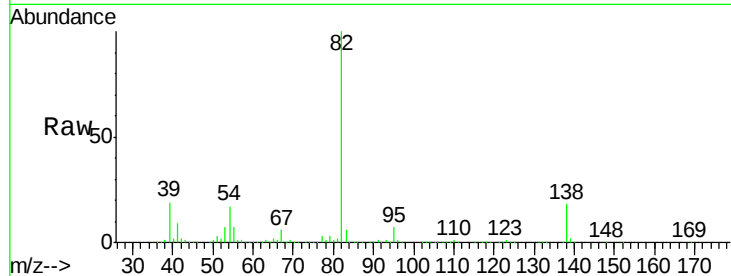
95 6.9 5.6 8.4

138 18.0 14.8 22.2

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#26

2-Nitrophenol

Concen: 36.711 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

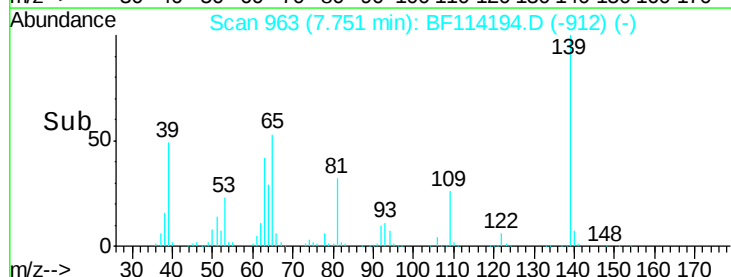
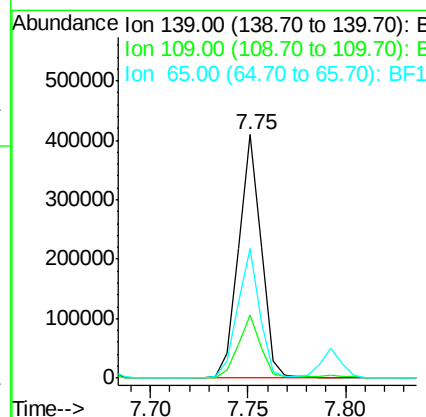
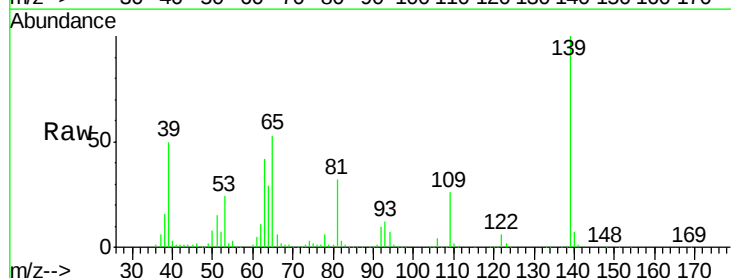
Tgt Ion: 139 Resp: 330350

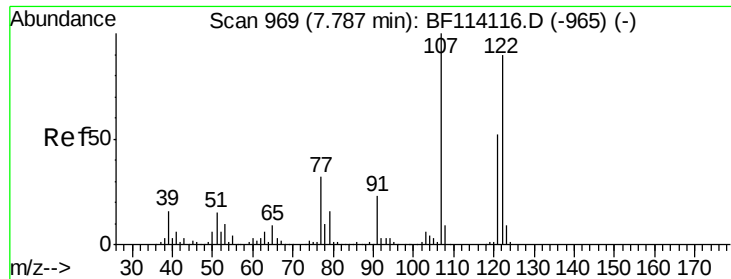
Ion Ratio Lower Upper

139 100

109 26.2 20.7 31.1

65 53.4 40.2 60.2





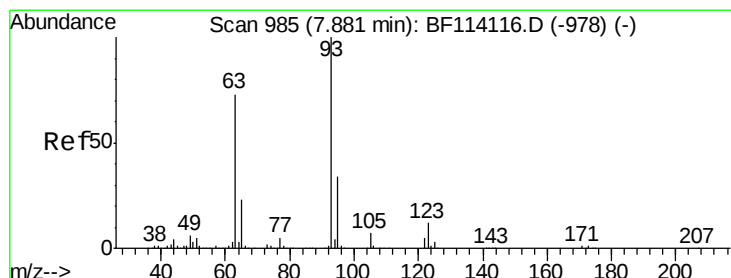
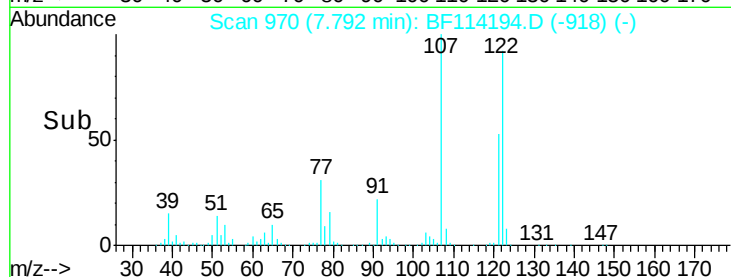
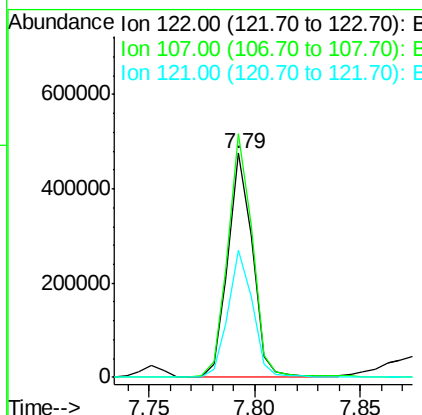
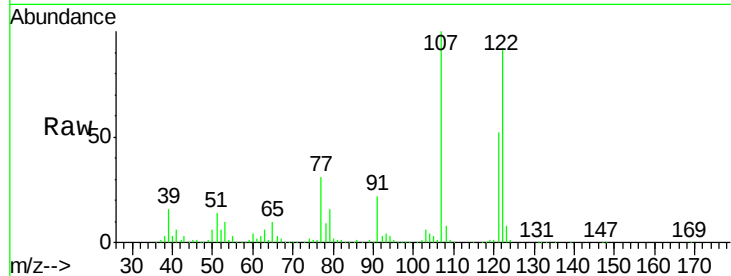
#27
2,4-Dimethylphenol
Concen: 27.060 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	382448		
107	108.6	88.4	132.6	
121	57.0	45.9	68.9	

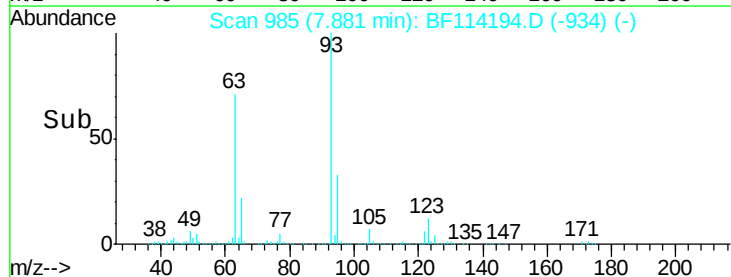
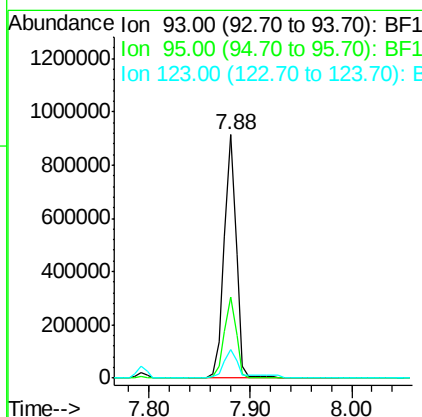
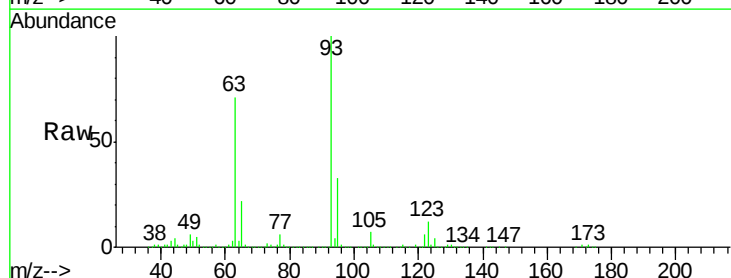
Manual Integrations
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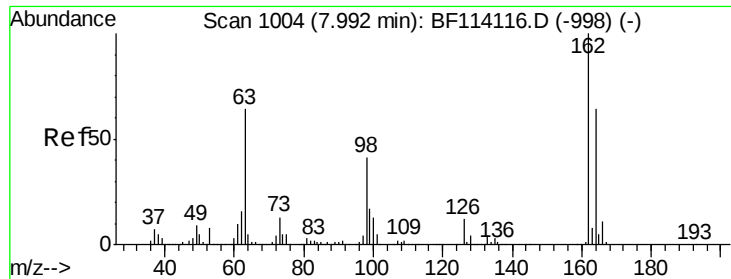
Sohil
5/13/2019 8:37:24 PM



#28
bis(2-Chloroethoxy)methane
Concen: 34.443 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	754768		
95	33.3	26.8	40.2	
123	12.0	9.5	14.3	





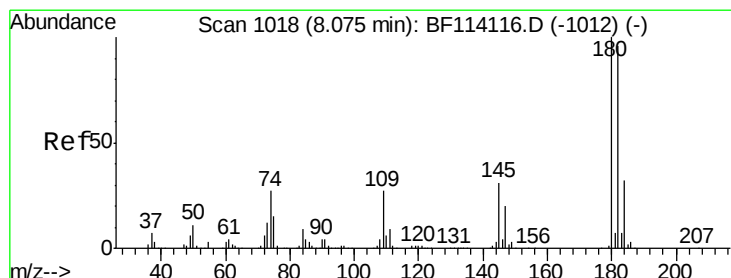
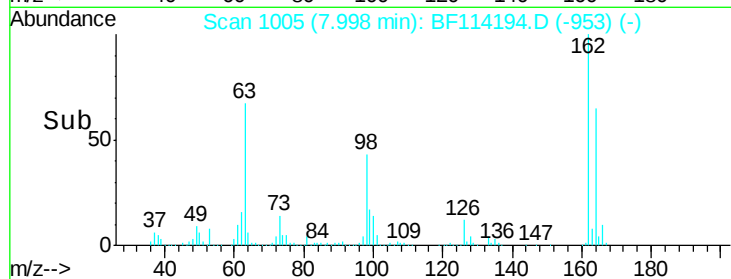
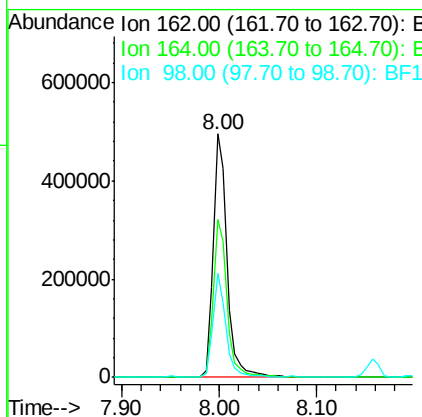
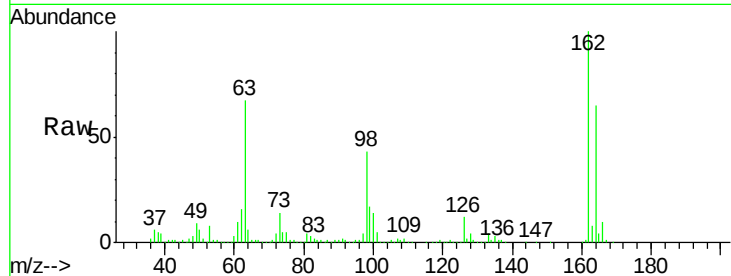
#29
 2,4-Dichlorophenol
 Concen: 34.771 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

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

Tot Ion:	162	Resp:	489345
Ion Ratio	Lower	Upper	
162	100		
164	64.6	43.6	83.6
98	42.7	20.6	60.6

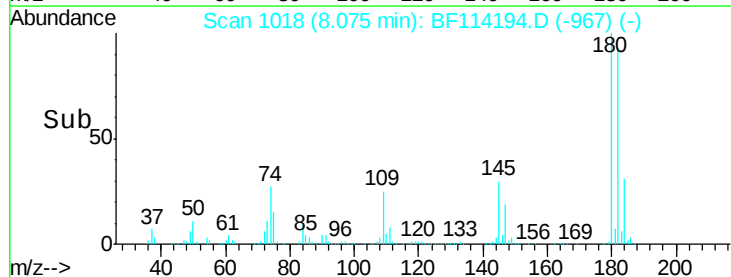
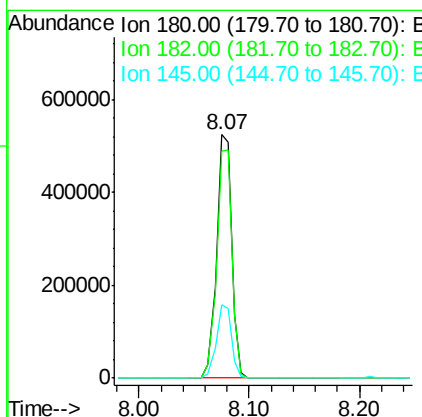
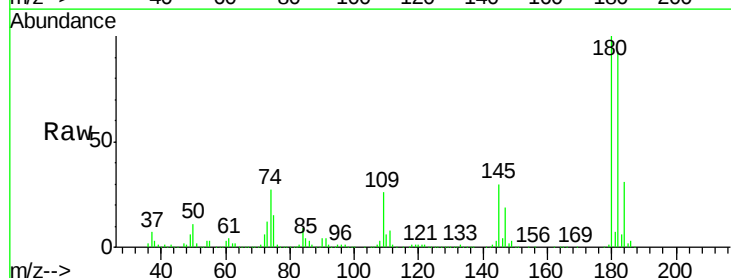
Manual Integrations
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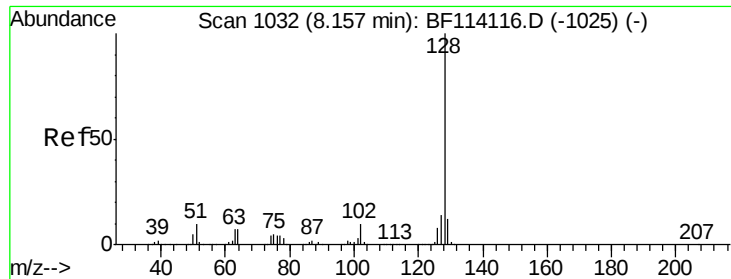
Sohil
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#30
 1,2,4-Trichlorobenzene
 Concen: 31.280 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion:	180	Resp:	500574
Ion Ratio	Lower	Upper	
180	100		
182	93.0	76.6	114.8
145	30.1	25.1	37.7





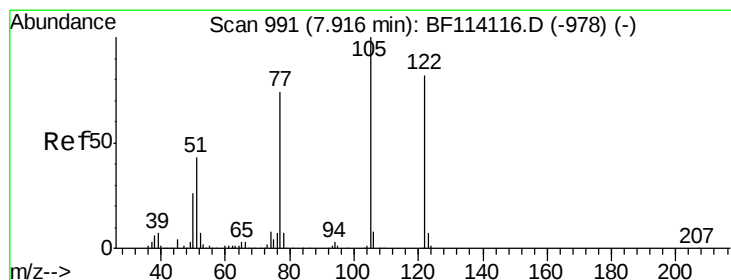
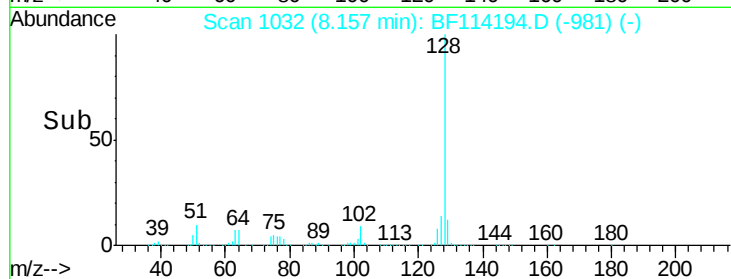
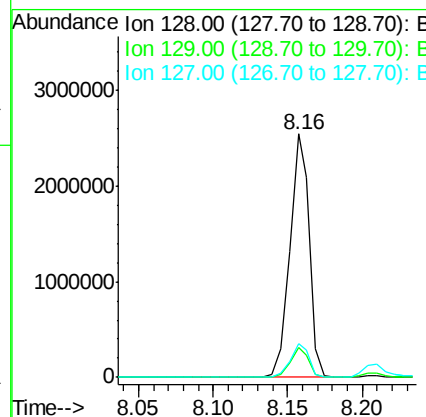
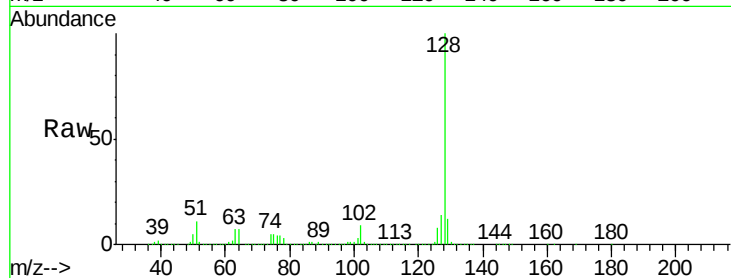
#31
Naphthalene
Concen: 48.801 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	13.8	11.3	16.9

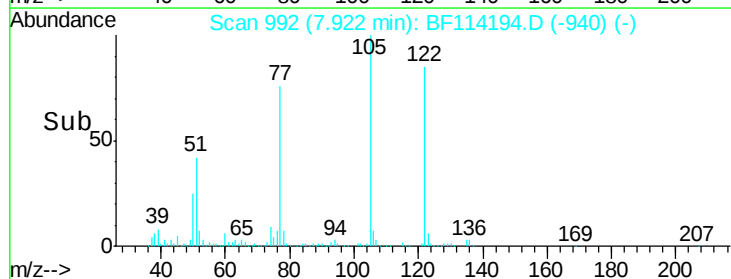
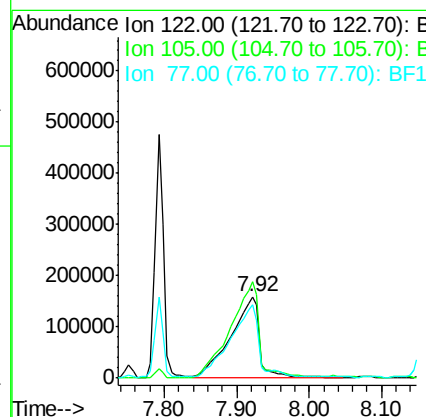
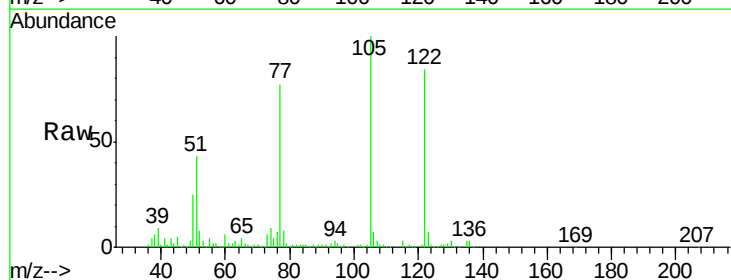
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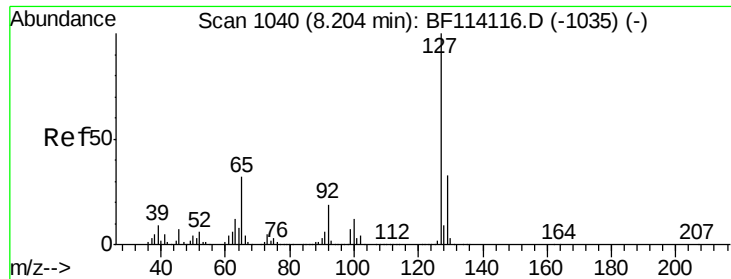
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#32
Benzoic acid
Concen: 43.886 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.6	99.9	139.9
77	90.9	69.4	109.4





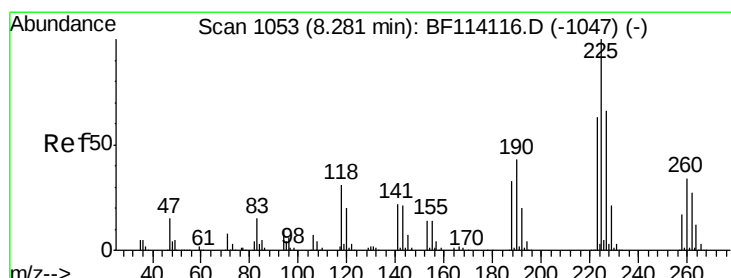
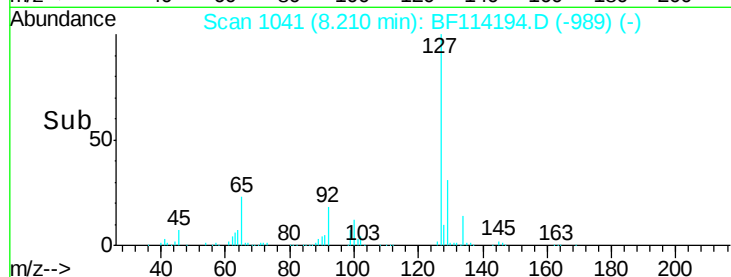
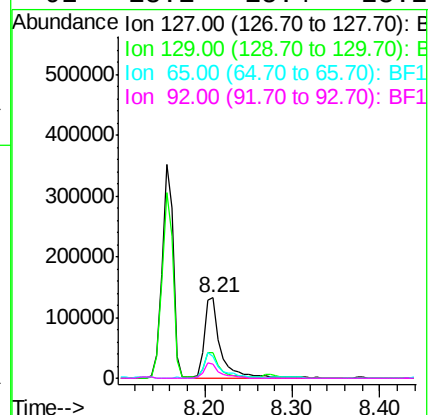
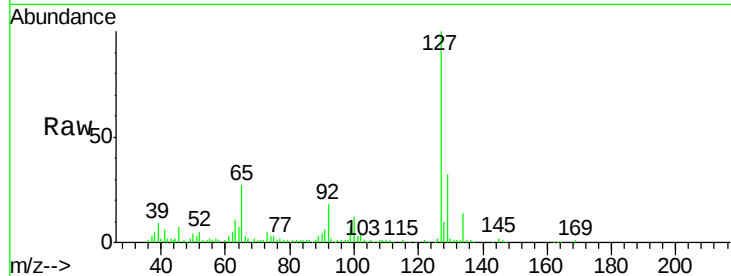
#33
4-Chloroaniline
Concen: 7.711 ng
RT: 8.21 min Scan# 1041
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		167738		
129	32.0	26.7	40.1		
65	27.1	25.4	38.0		
92	18.1	15.4	23.2		

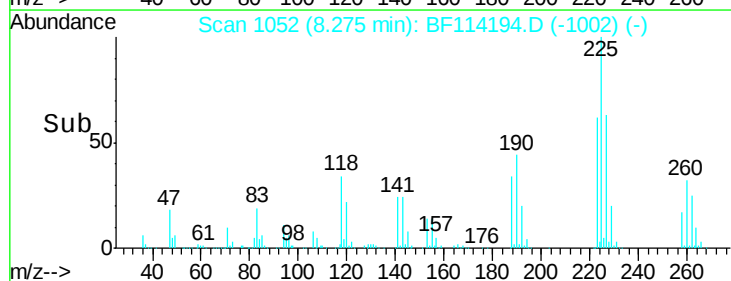
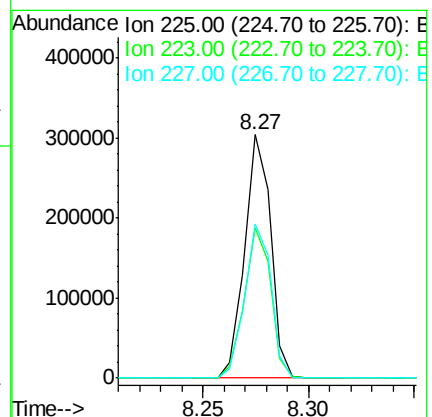
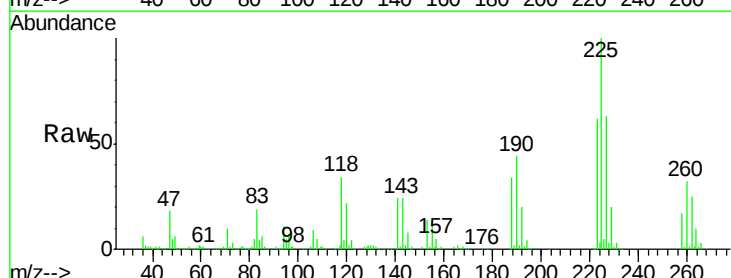
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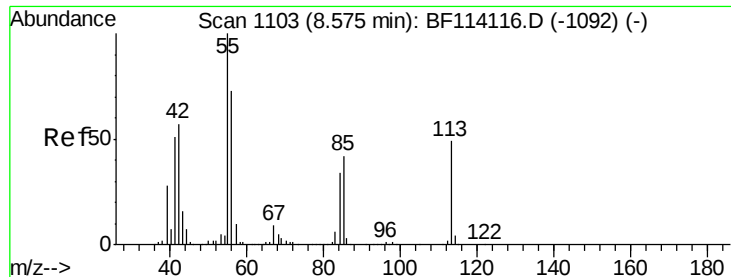
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#34
Hexachlorobutadiene
Concen: 28.413 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		258718		
223	61.6	50.2	75.2		
227	63.0	52.6	79.0		





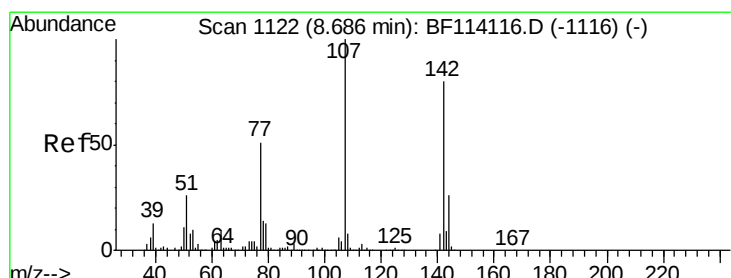
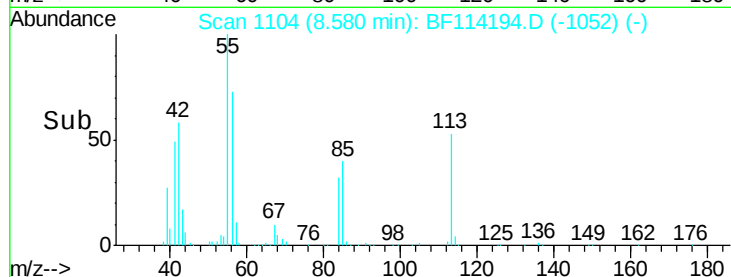
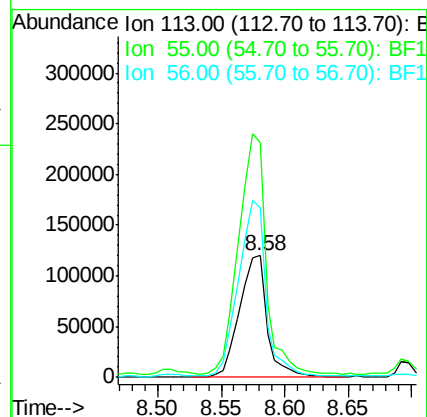
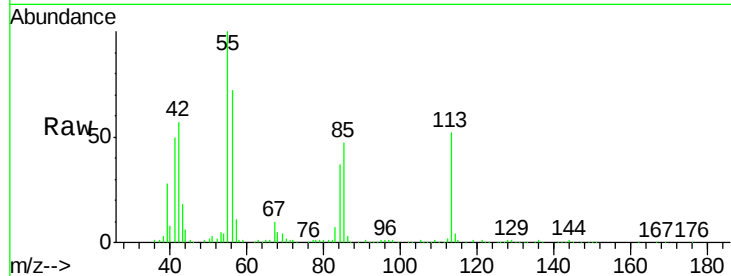
#35
Caprolactam
Concen: 39.468 ng
RT: 8.58 min Scan# 1104
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Resp	Lower	Upper
113	100			
55	192.4	183.5	223.5	
56	139.2	128.8	168.8	

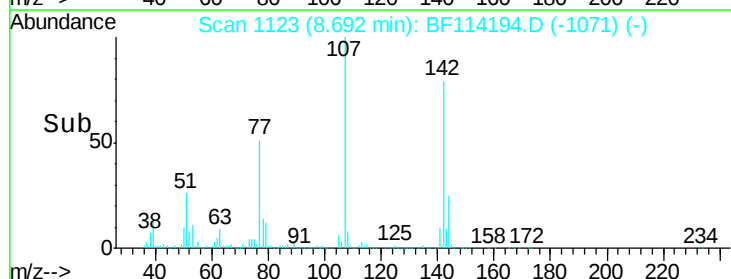
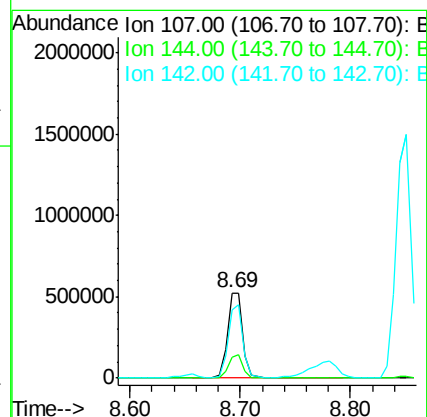
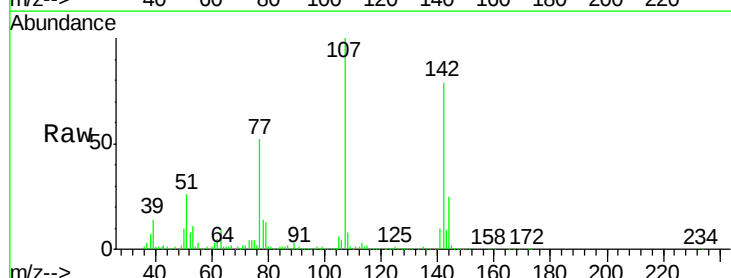
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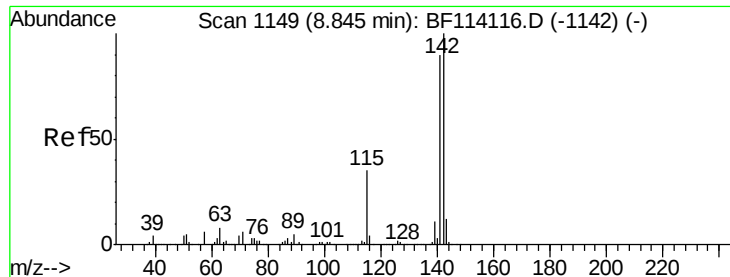
Sohil
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#36
4-Chloro-3-methylphenol
Concen: 35.437 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
107	100			
144	25.2	20.4	30.6	
142	79.4	64.2	96.4	





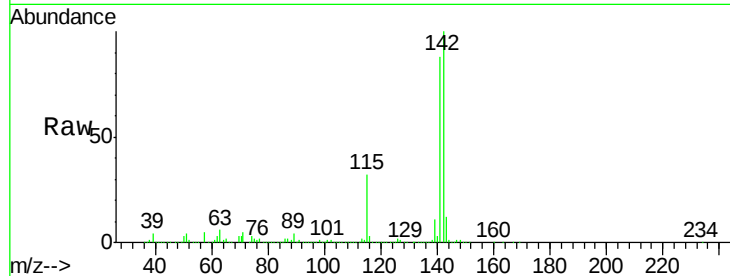
#37
2-Methylnaphthalene
Concen: 44.884 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.1	108.1
115	32.3	28.0	42.0

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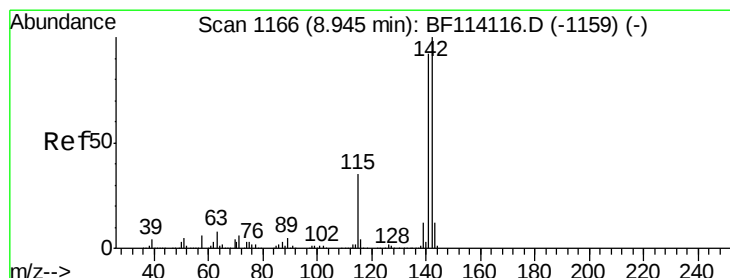
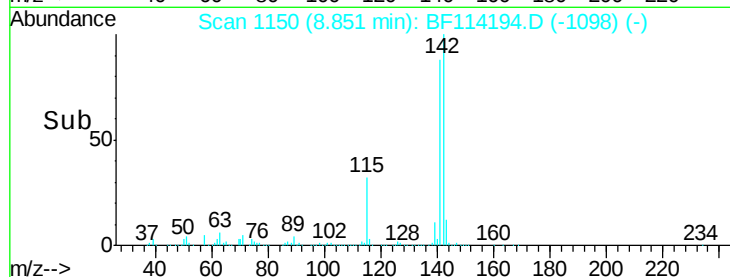
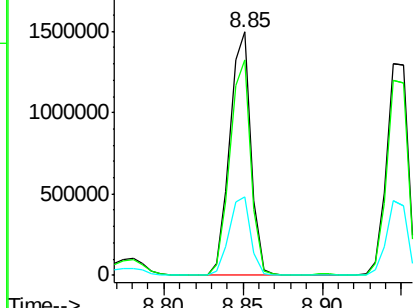


Abundance

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: 42.006 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

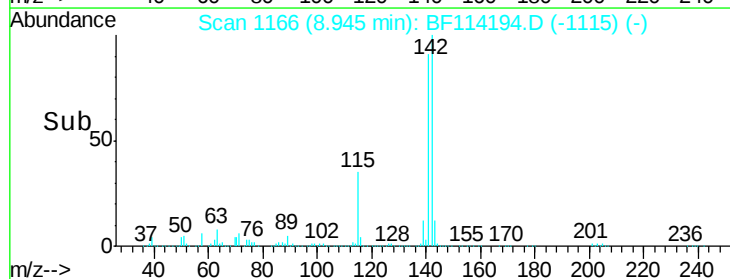
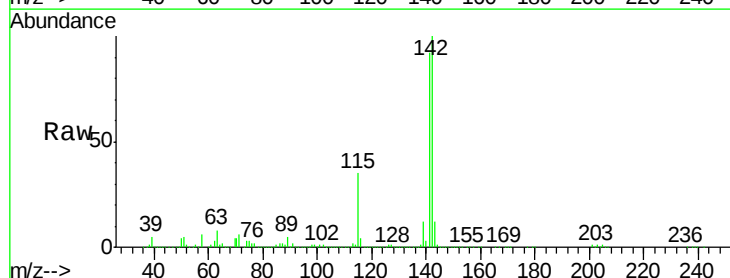
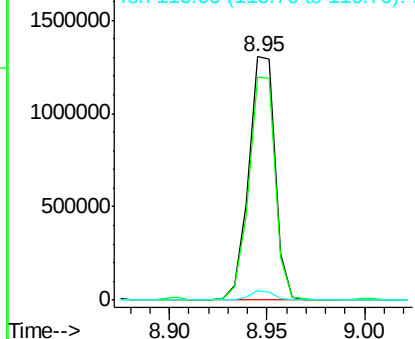
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.4	110.0
116	3.8	3.1	4.7

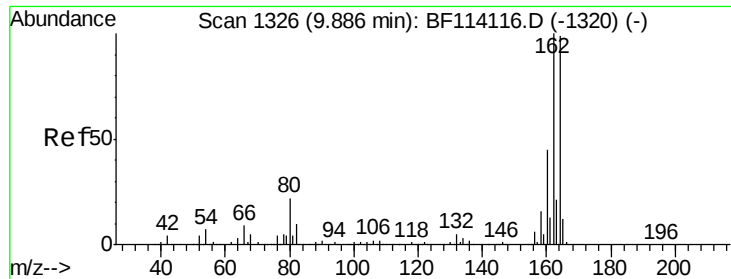
Abundance

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: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

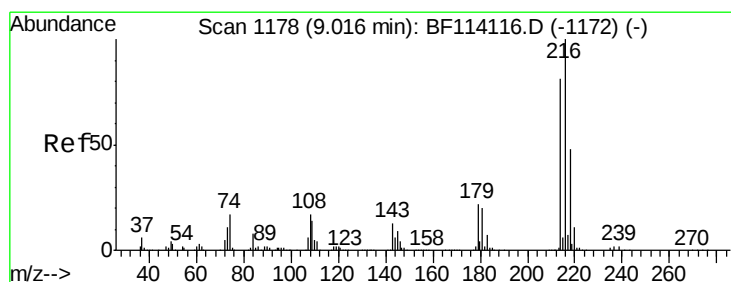
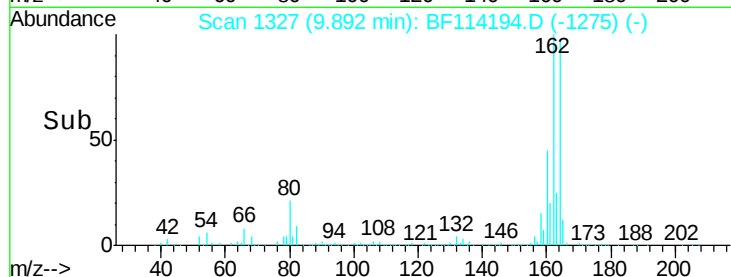
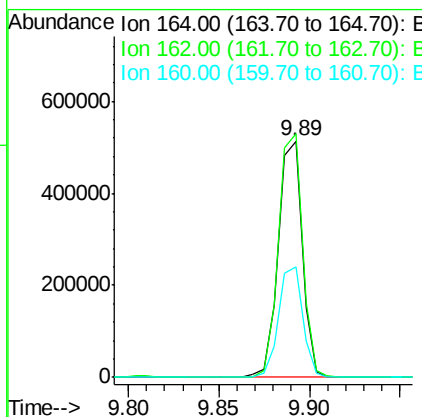
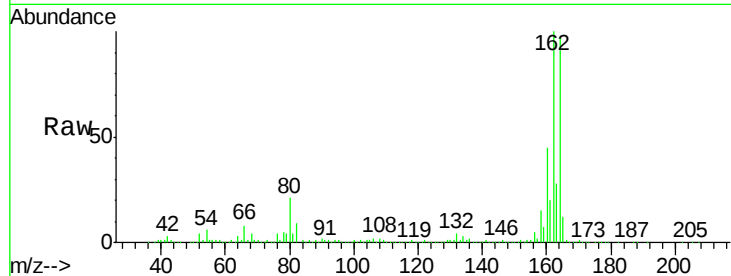
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:	164	Resp:	473861
Ion Ratio	Lower	Upper	
164	100		
162	103.1	80.6	120.8
160	46.6	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 33.517 ng

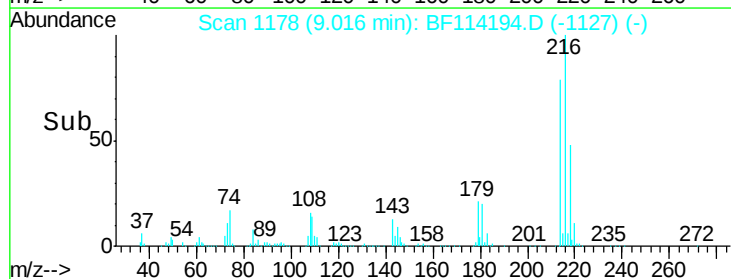
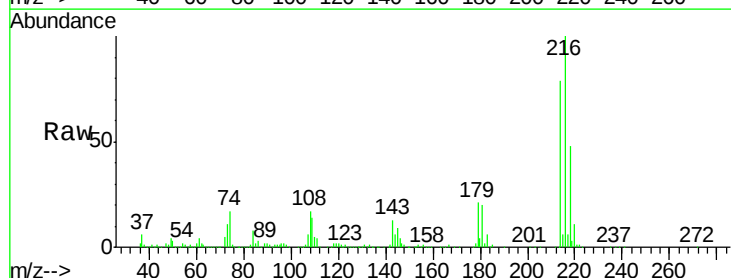
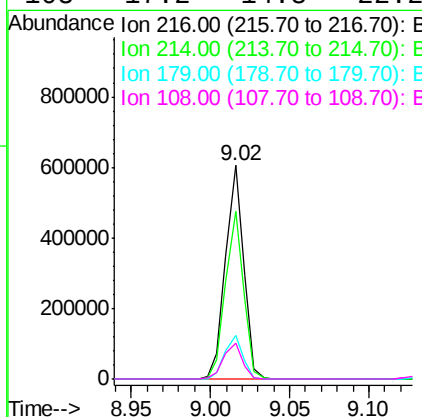
RT: 9.02 min Scan# 1178

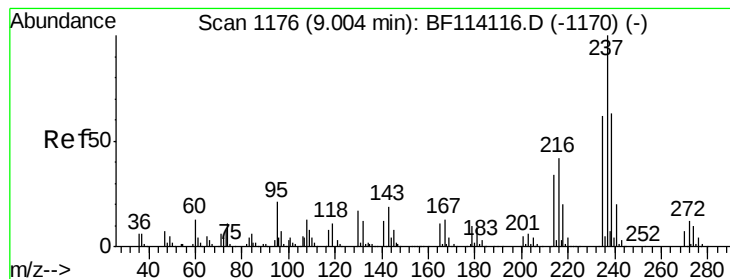
Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Tgt Ion:	216	Resp:	481118
Ion Ratio	Lower	Upper	
216	100		
214	78.2	63.9	95.9
179	20.7	17.0	25.6
108	17.2	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 11.874 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

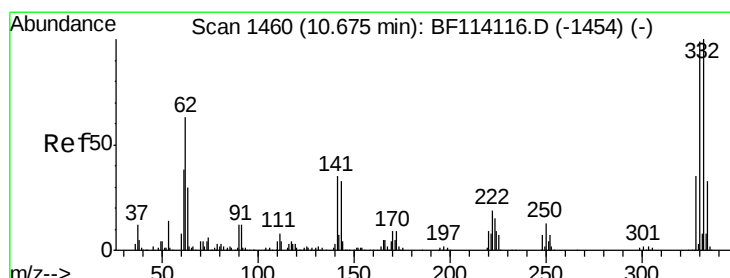
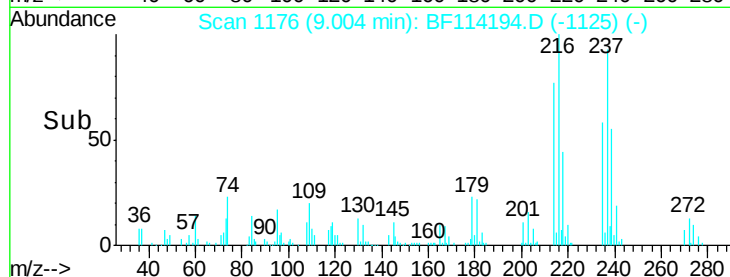
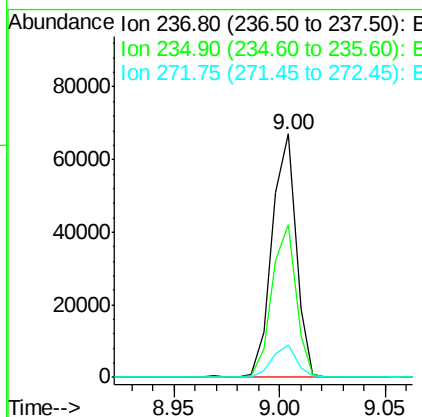
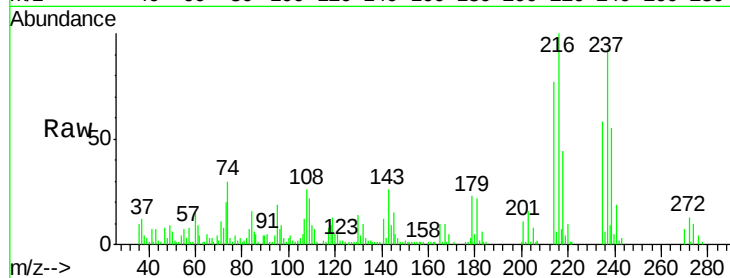
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:	237	Resp:	53374
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.0	82.0
272	13.4	0.0	32.4

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 88.297 ng

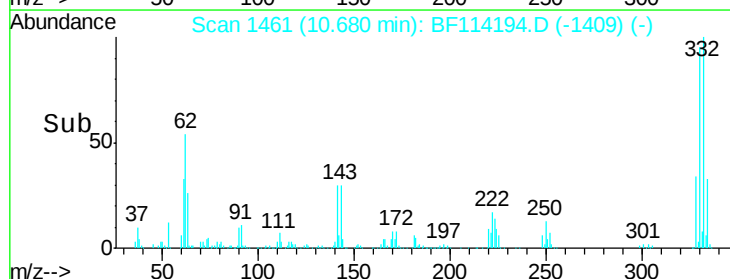
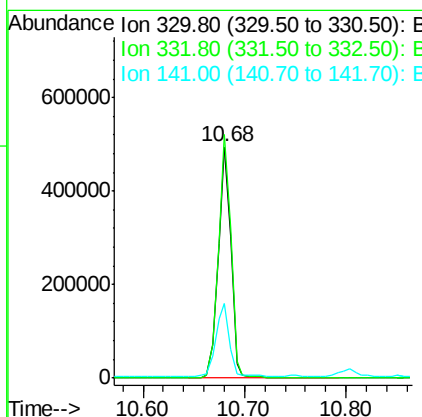
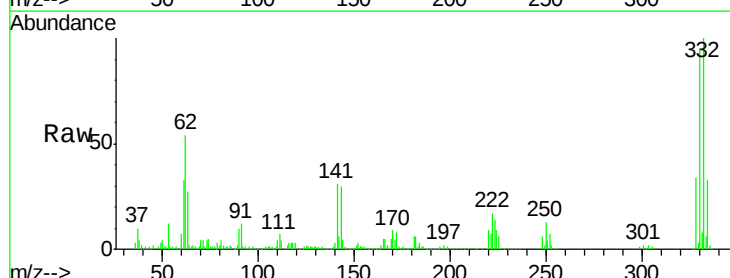
RT: 10.68 min Scan# 1461

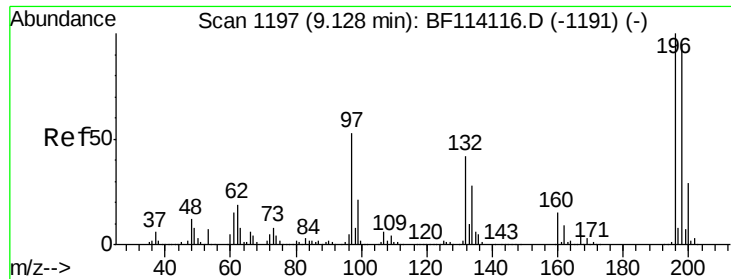
Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Tgt Ion:	330	Resp:	432562
Ion Ratio	Lower	Upper	
330	100		
332	104.7	81.4	122.2
141	33.0	26.6	40.0





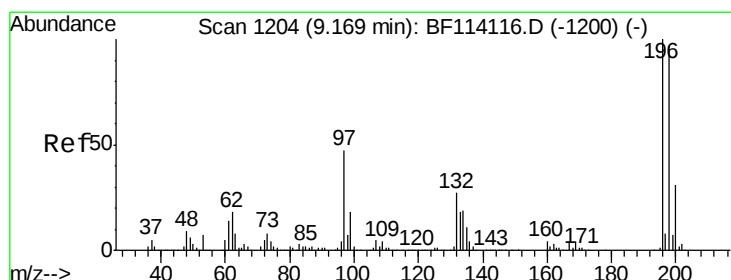
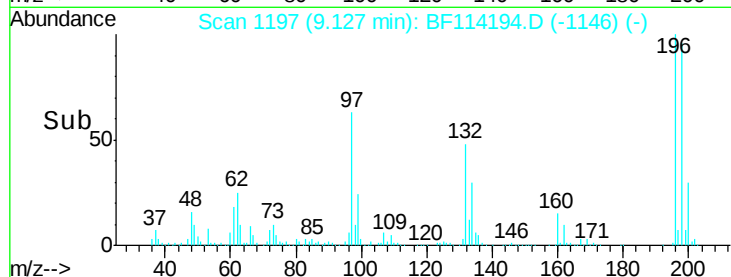
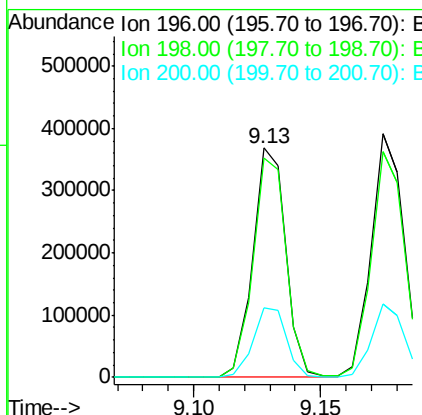
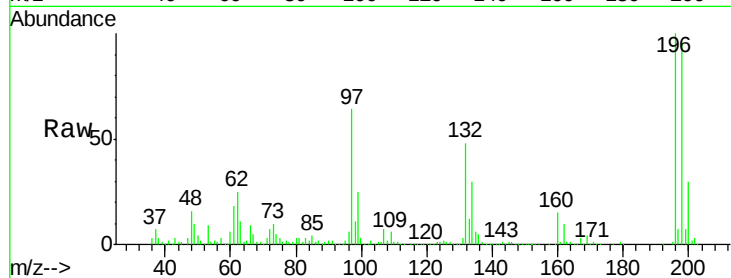
#43
 2,4,6-Trichlorophenol
 Concen: 33.986 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Resp	Lower	Upper
196	100	335553		
198	95.5	75.9	113.9	
200	30.4	23.5	35.3	

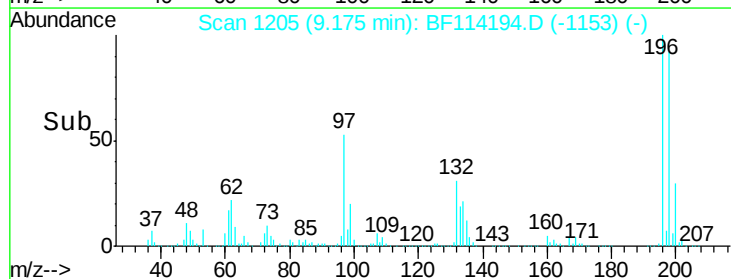
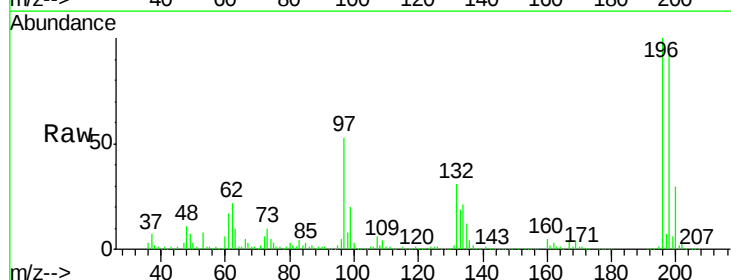
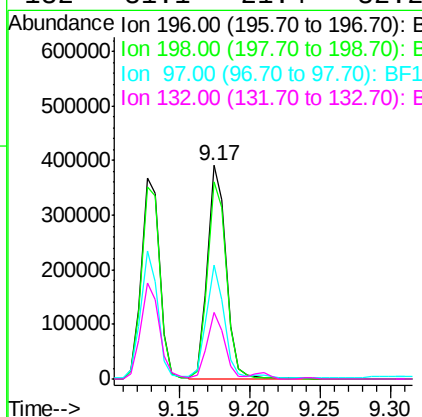
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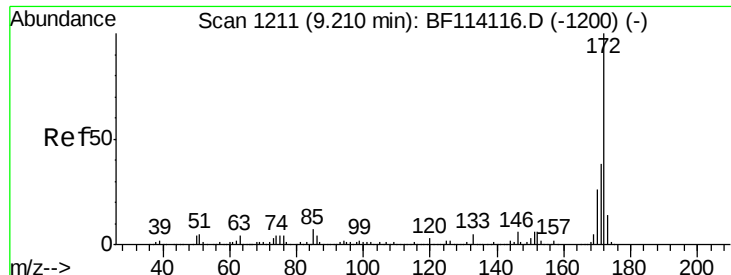
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#44
 2,4,5-Trichlorophenol
 Concen: 35.468 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	359126		
198	92.5	77.7	116.5	
97	53.3	38.2	57.2	
132	31.1	21.4	32.2	





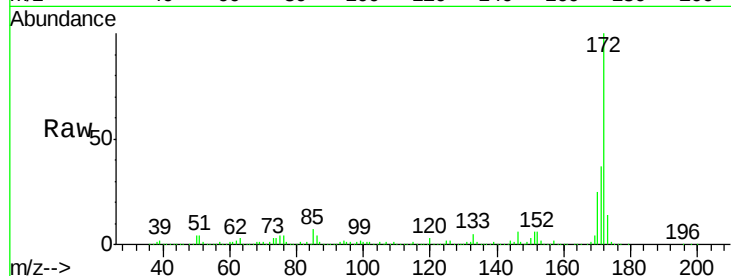
#45
2-Fluorobiphenyl
Concen: 64.027 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.8	30.7	46.1	
170	24.7	20.5	30.7	

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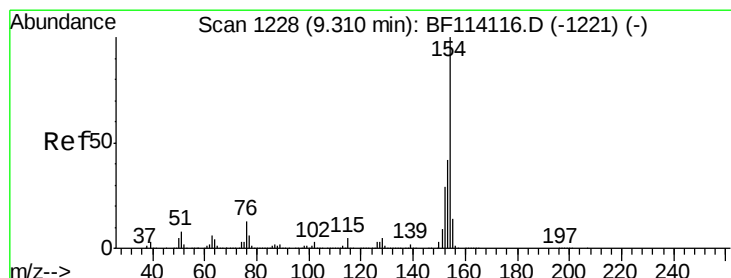
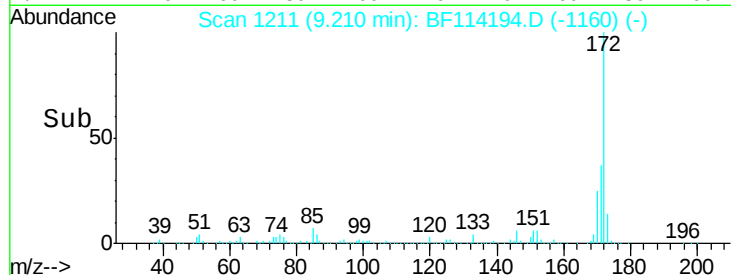
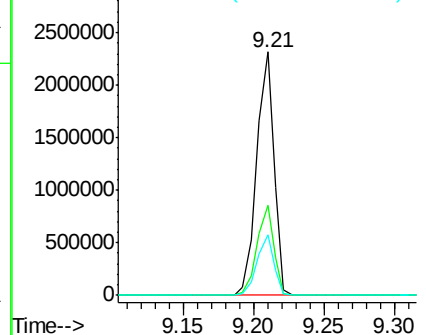


Abundance

Ion 172.00 (171.70 to 172.70): E

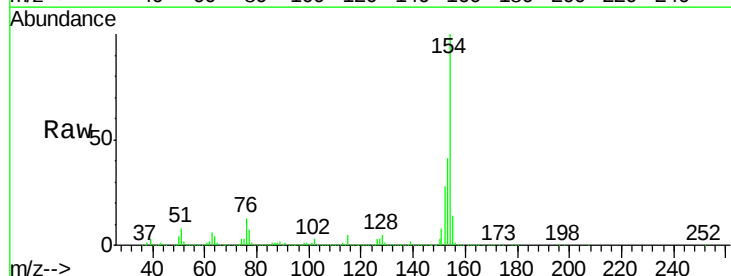
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 36.780 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.3	21.9	61.9	
76	13.4	0.0	32.8	

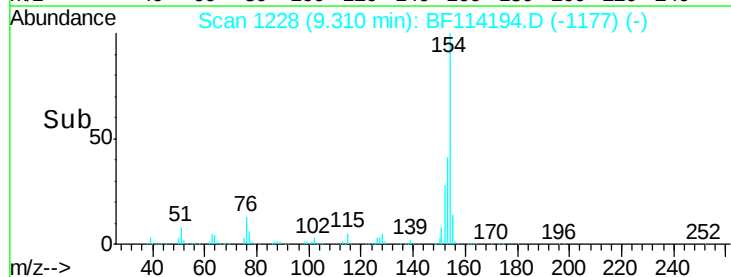
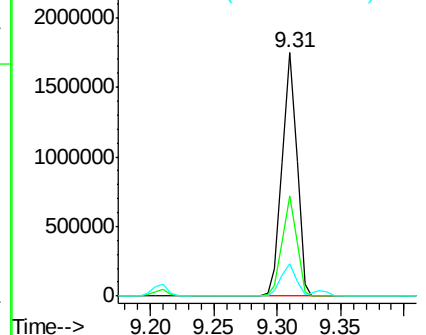


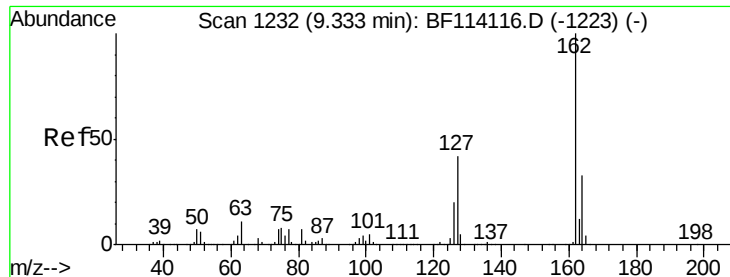
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





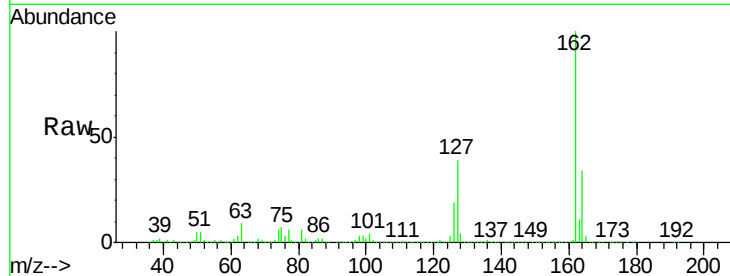
#47
 2-Chloronaphthalene
 Concen: 31.747 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

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

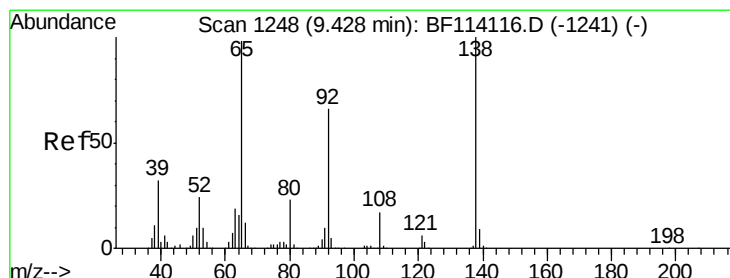
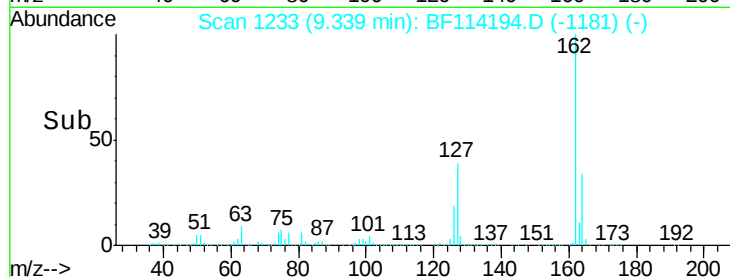
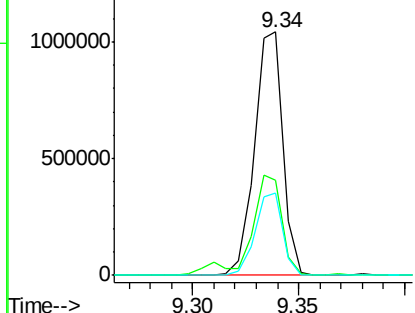
Tot Ion	Ratio	Resp	Lower	Upper
162	100	978097		
127	39.3	34.0	51.0	
164	33.8	26.7	40.1	

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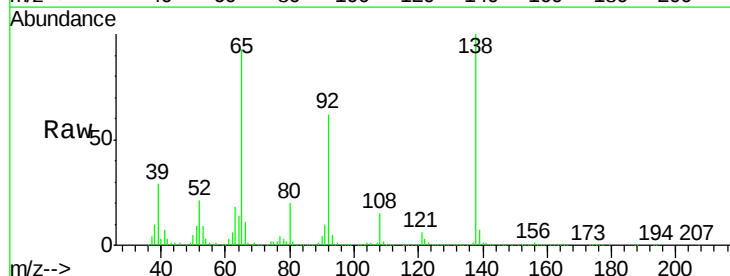


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

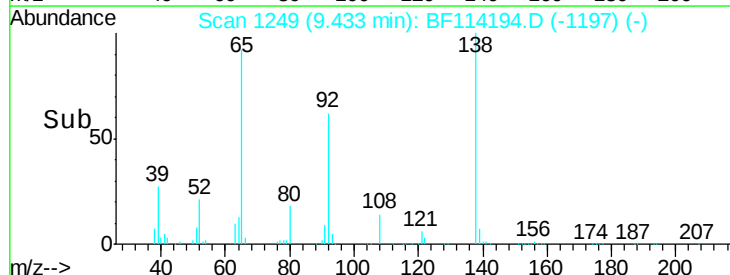
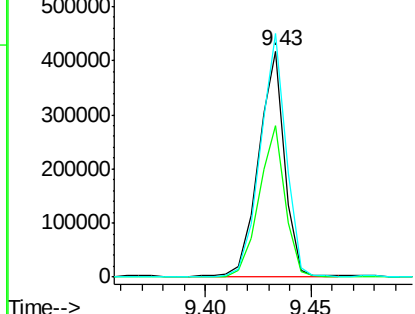


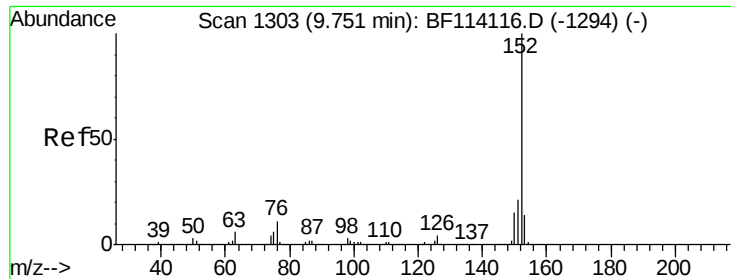
#48
 2-Nitroaniline
 Concen: 32.353 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	353498		
92	66.9	53.9	80.9	
138	107.7	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: 55.980 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:152 Resp: 2623100

Ion Ratio Lower Upper

152 100

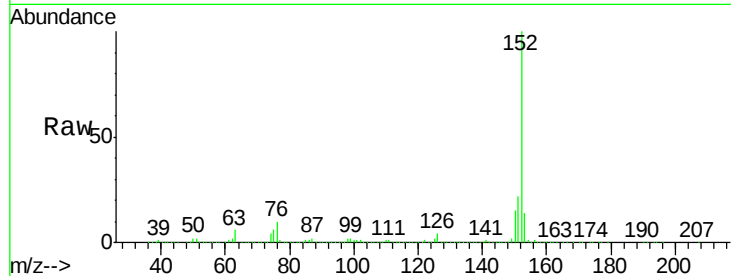
151 21.8 16.8 25.2

153 14.0 11.4 17.2

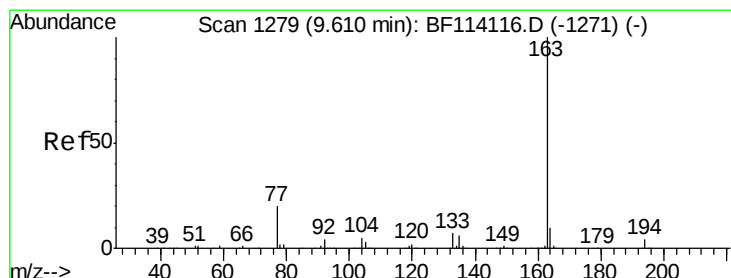
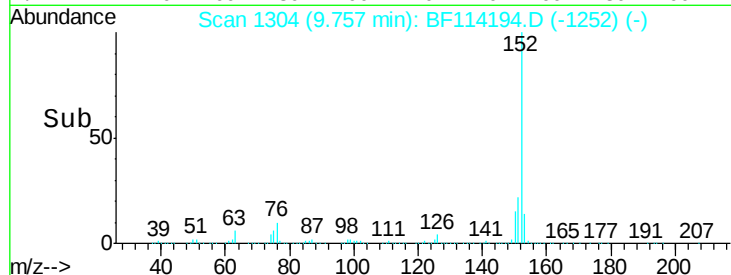
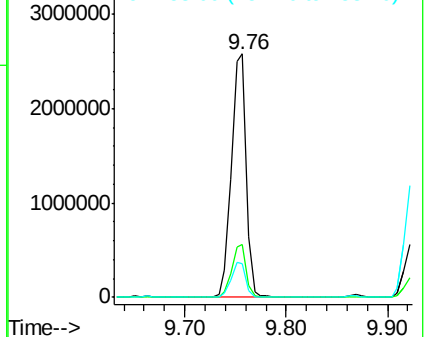
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.367 ng

RT: 9.61 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

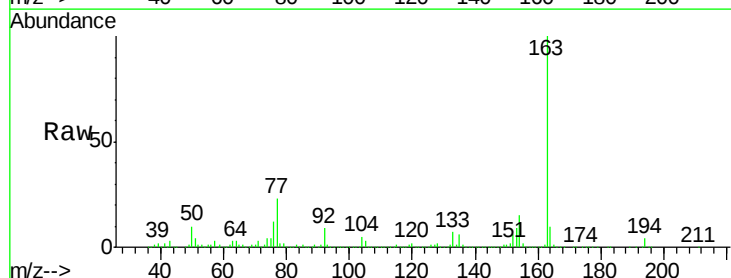
Tgt Ion:163 Resp: 1473755

Ion Ratio Lower Upper

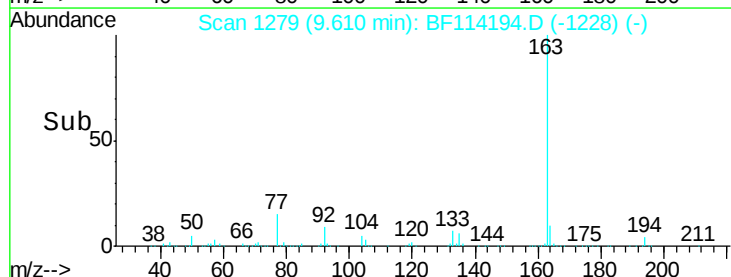
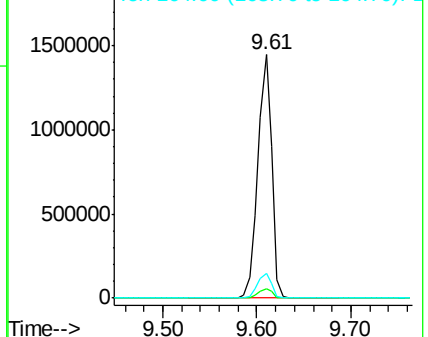
163 100

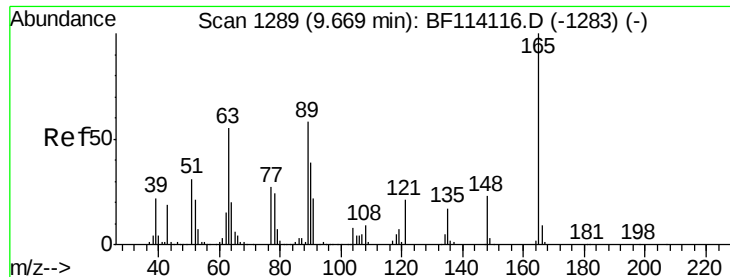
194 3.9 3.4 5.0

164 10.0 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: 34.580 ng

RT: 9.67 min Scan# 1290

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

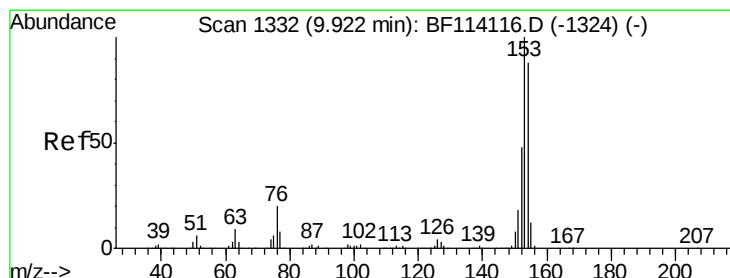
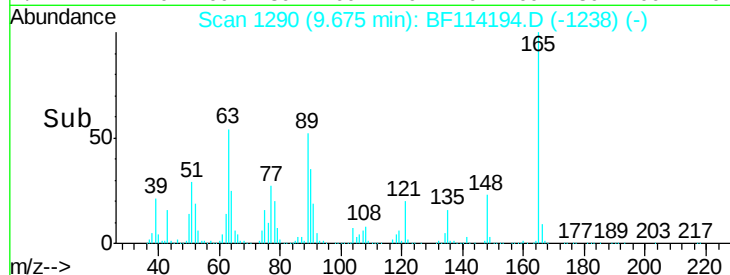
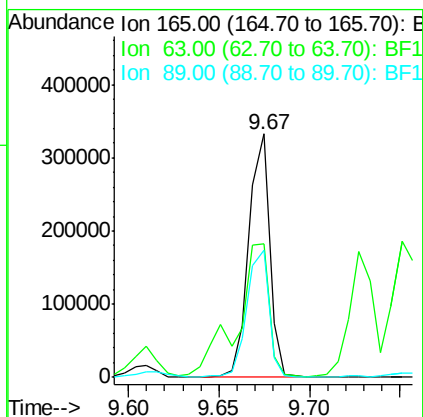
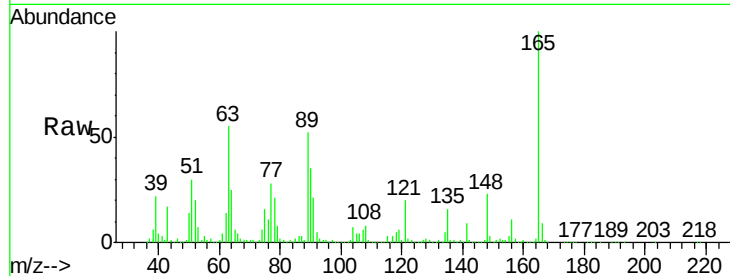
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:	165	Resp:	266803
Ion Ratio	Lower	Upper	
165	100		
63	54.9	50.2	75.4
89	52.3	46.6	69.8

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#52

Acenaphthene

Concen: 31.616 ng

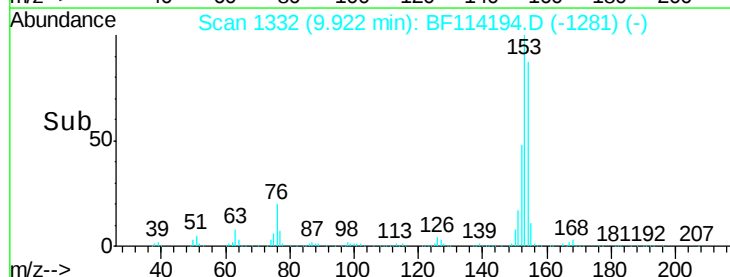
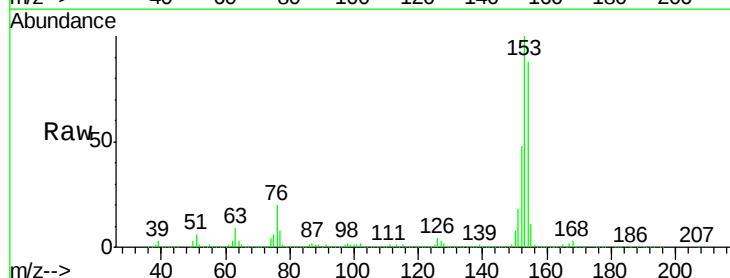
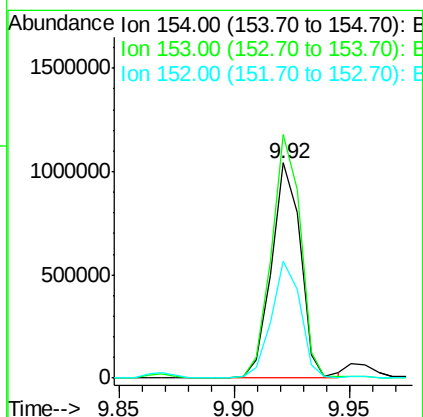
RT: 9.92 min Scan# 1332

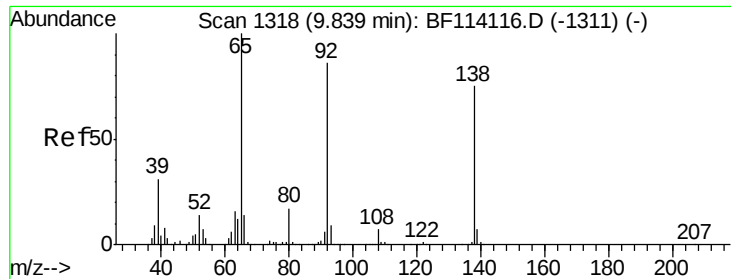
Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Tgt Ion:	154	Resp:	909086
Ion Ratio	Lower	Upper	
154	100		
153	113.2	90.5	135.7
152	54.4	43.4	65.2





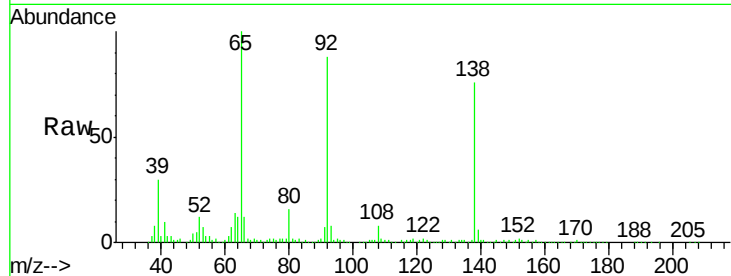
#53
3-Nitroaniline
Concen: 14.382 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

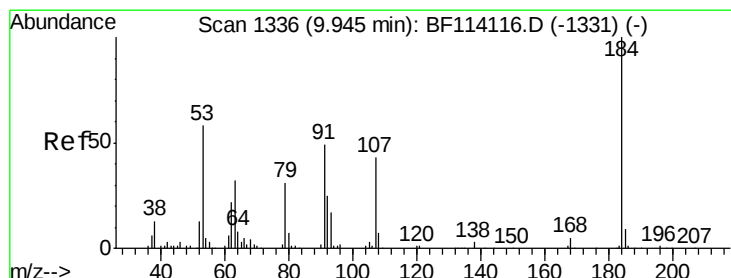
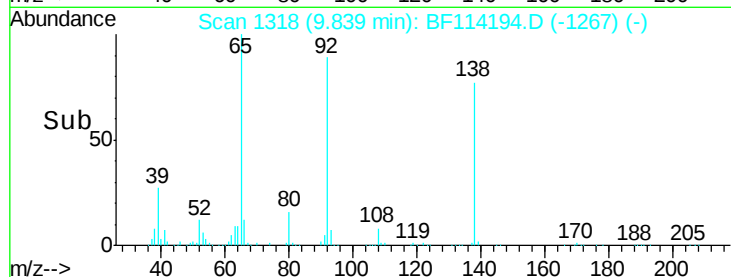
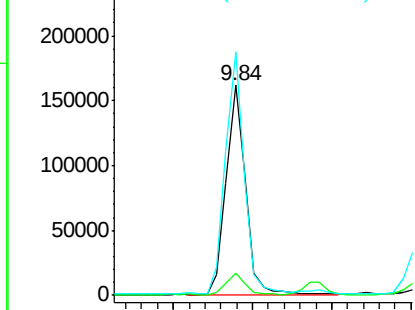
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	7.8	11.6
92	115.9	91.2	136.8

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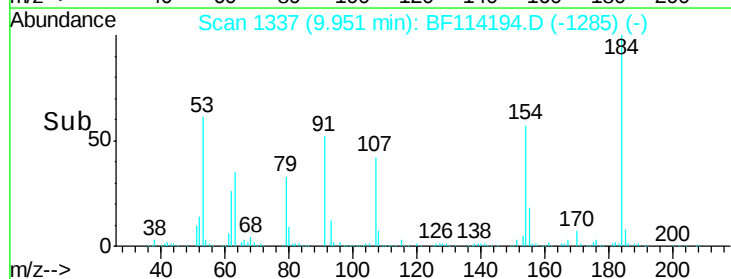
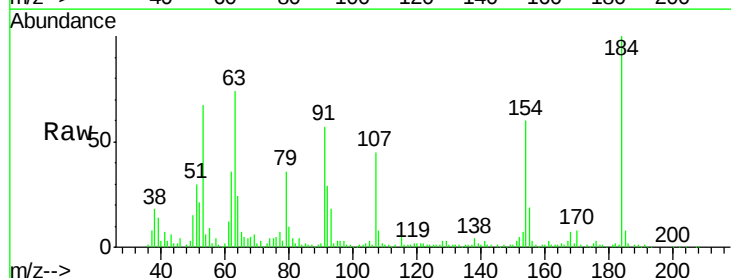
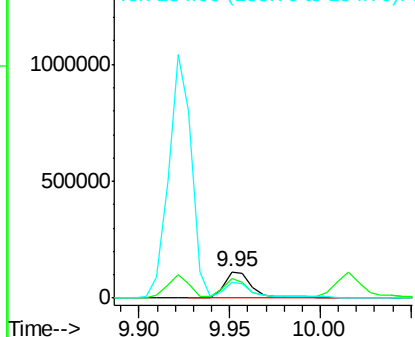
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

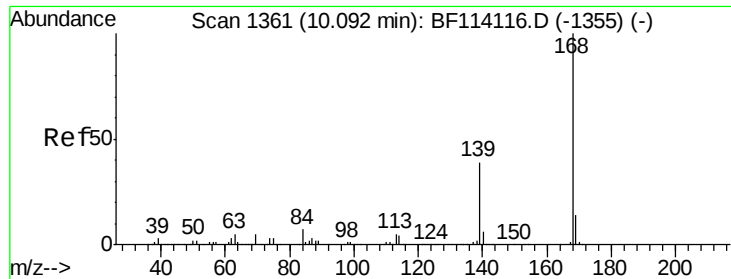


#54
2,4-Dinitrophenol
Concen: 35.737 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.3	55.6	83.4
154	59.6	46.0	69.0

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





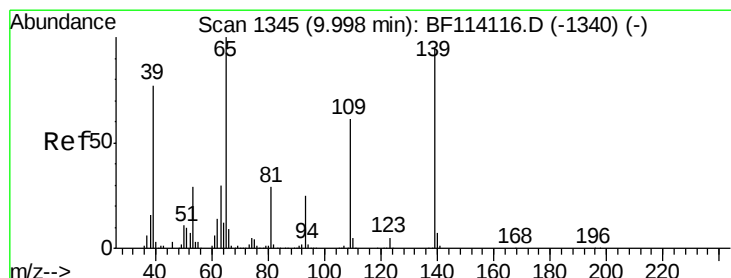
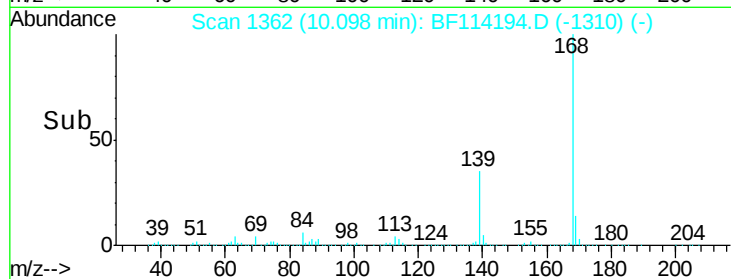
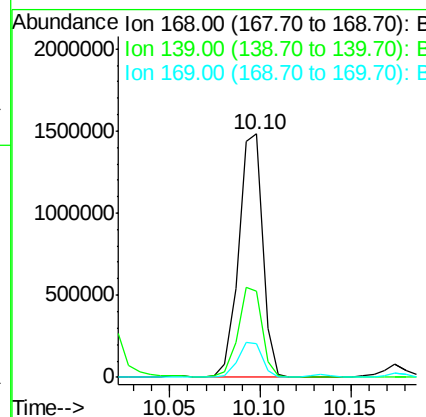
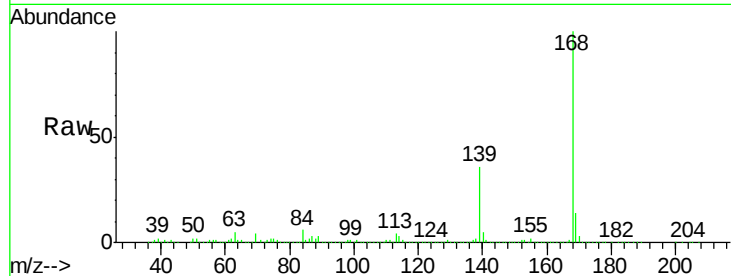
#55
Dibenzofuran
Concen: 32.427 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.5	31.1	46.7
169	14.0	11.4	17.0

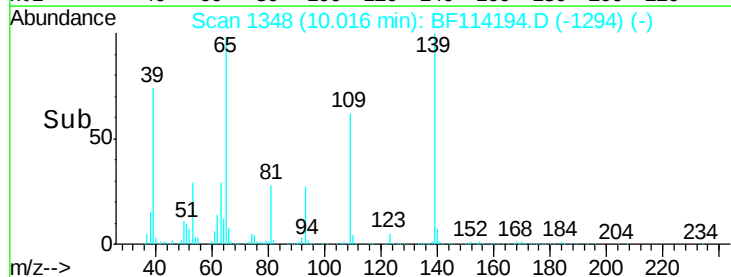
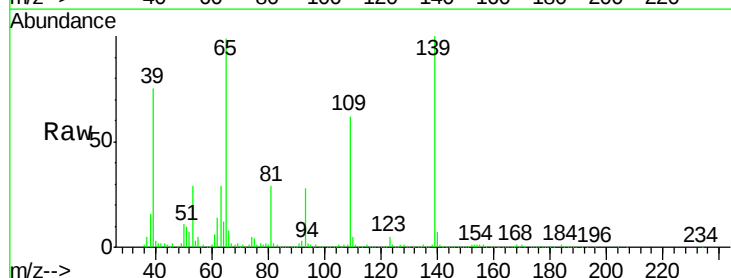
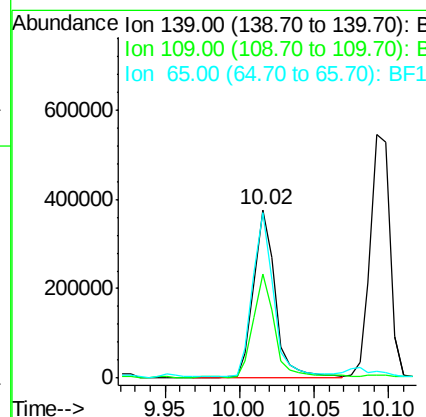
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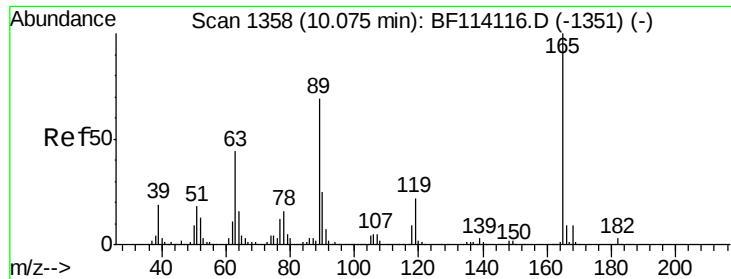
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#56
4-Nitrophenol
Concen: 55.783 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.9	43.9	83.9
65	98.7	85.7	125.7





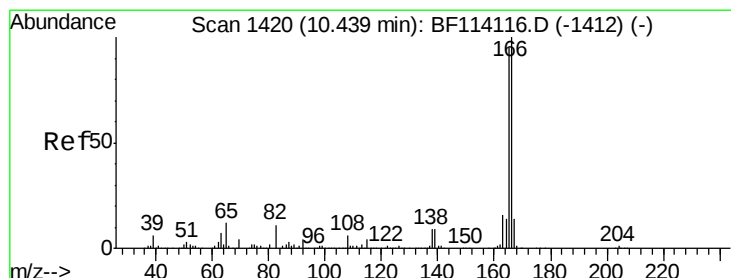
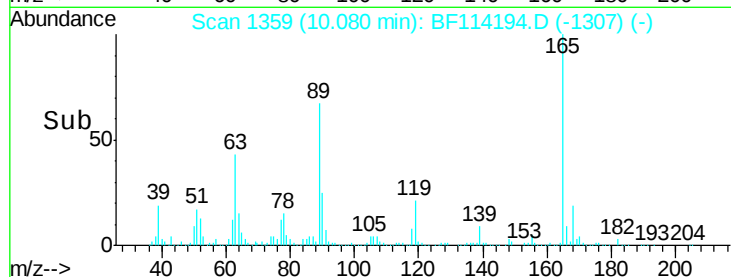
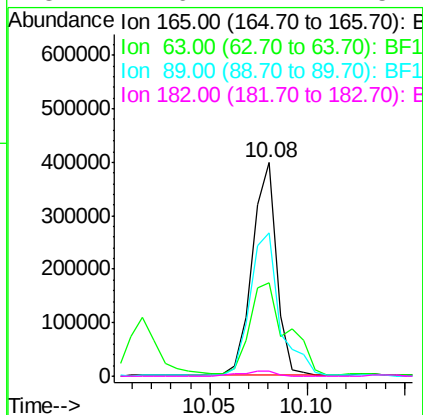
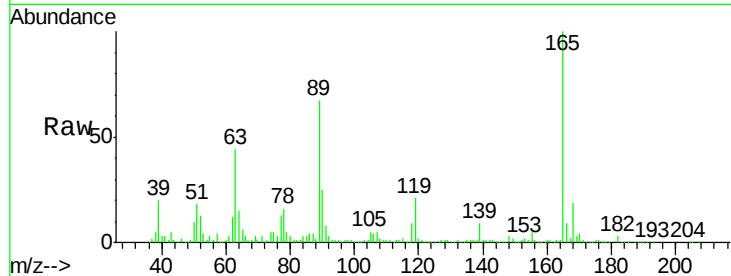
#57
2,4-Dinitrotoluene
Concen: 33.071 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	346328		
63	43.9	35.5	53.3	
89	67.4	55.2	82.8	
182	2.6	2.2	3.2	

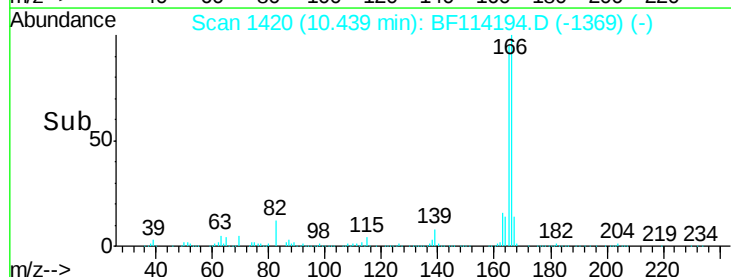
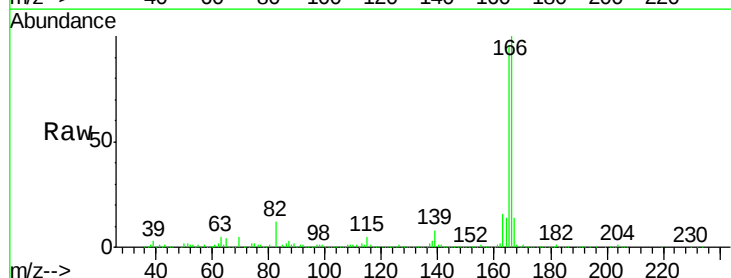
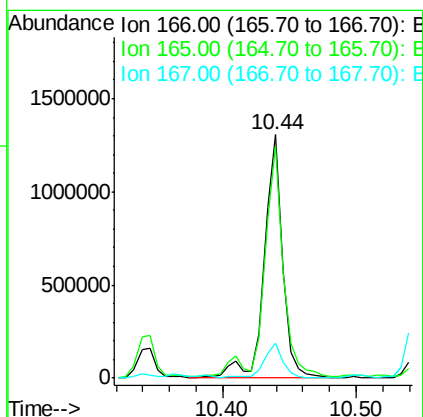
Manual Integrations
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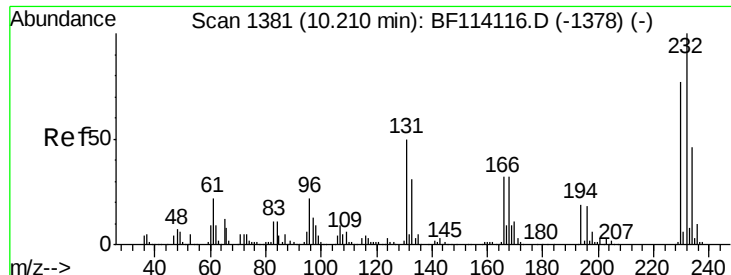
Sohil
5/13/2019 8:37:24 PM



#58
Fluorene
Concen: 37.817 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1231614		
165	95.6	76.1	114.1	
167	14.2	11.1	16.7	





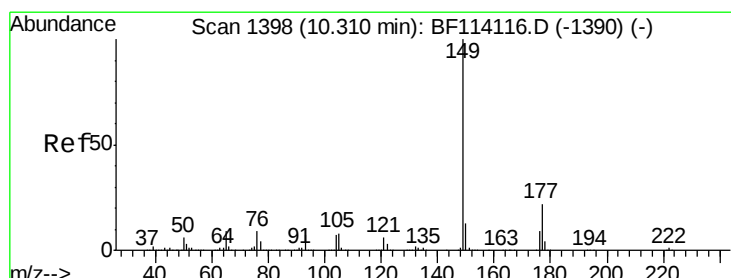
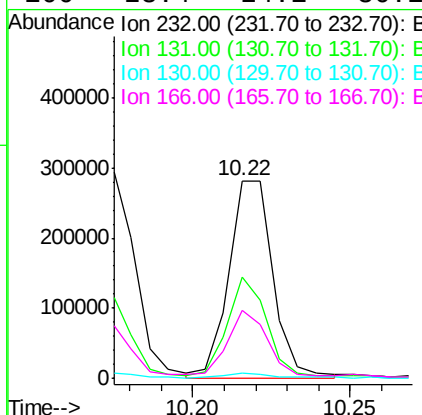
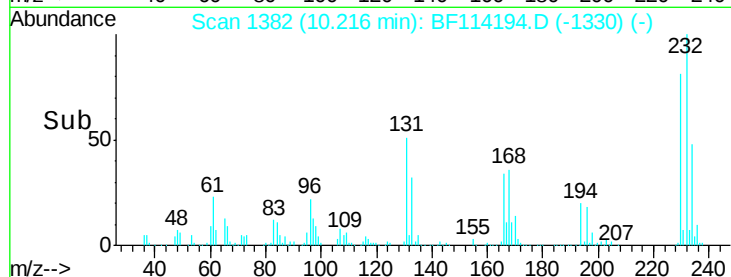
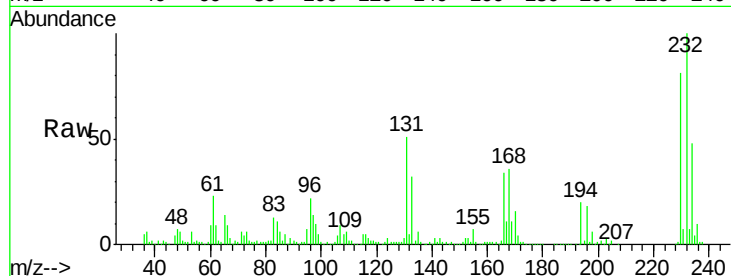
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.514 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Resp	Lower	Upper
232	100	275326		
131	36.3		35.6	53.4
130	2.1		1.6	2.4
166	23.4		24.1	36.1#

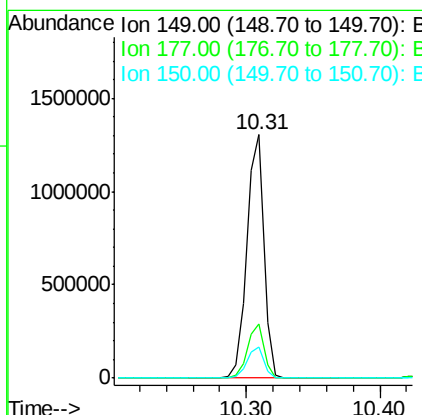
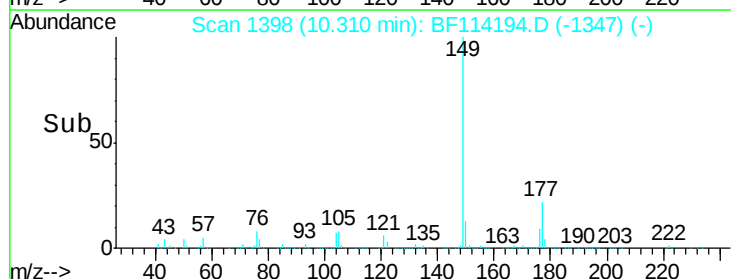
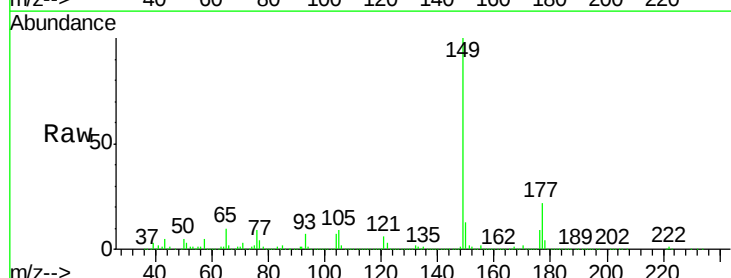
Manual Integrations
 APPROVED

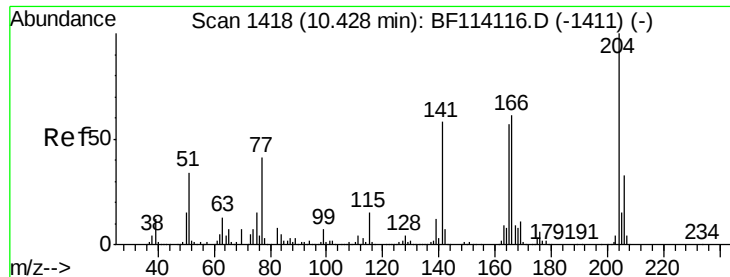
Sohil
 5/13/2019 8:37:24 PM



#60
 Diethylphthalate
 Concen: 32.061 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1133166		
177	22.3		17.8	26.6
150	12.7		10.2	15.2





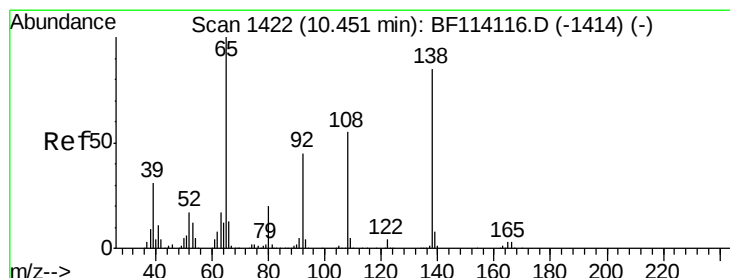
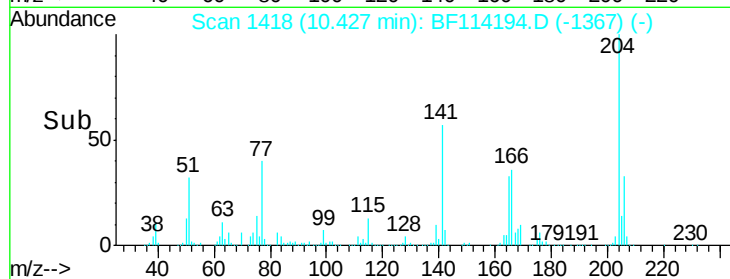
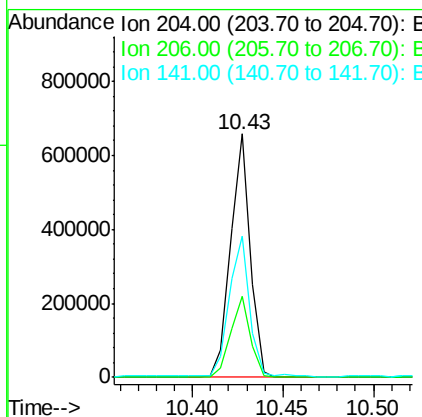
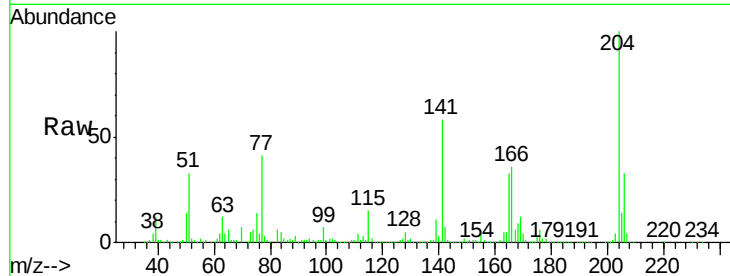
#61
4-Chlorophenyl-phenylether
Concen: 31.121 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.6	39.8
141	58.2	46.4	69.6

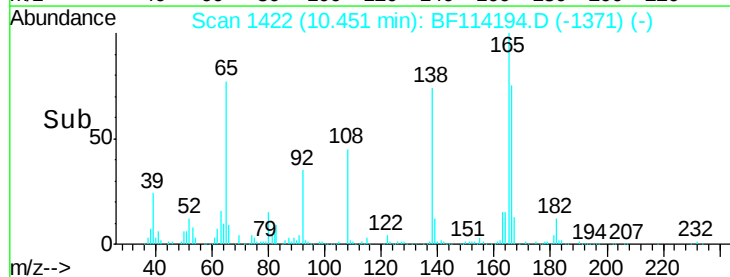
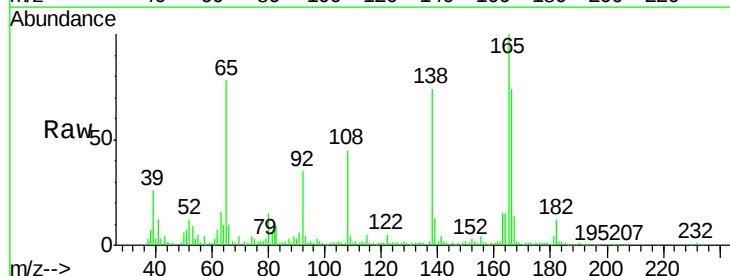
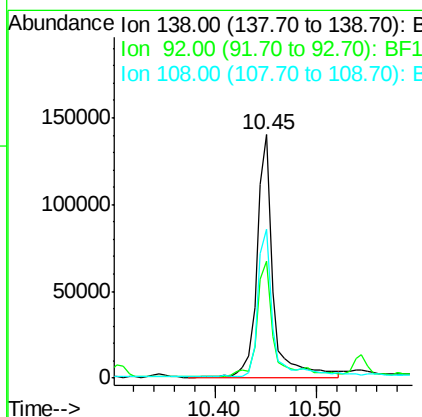
Manual Integrations
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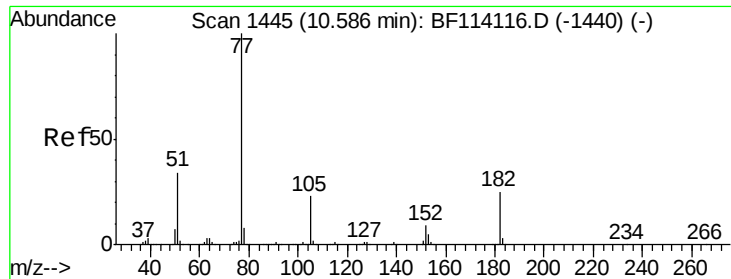
Sohil
5/13/2019 8:37:24 PM



#62
4-Nitroaniline
Concen: 15.384 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.1	33.0	73.0
108	61.0	44.9	84.9





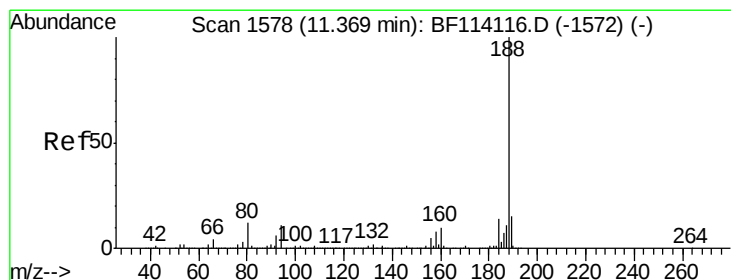
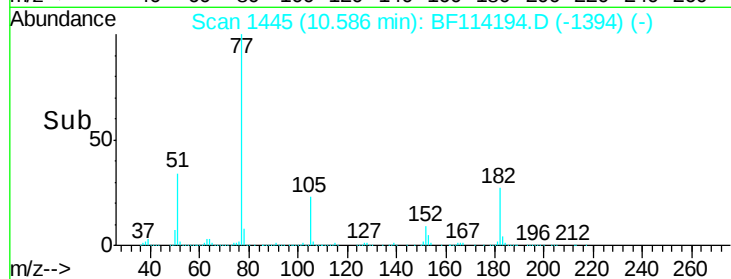
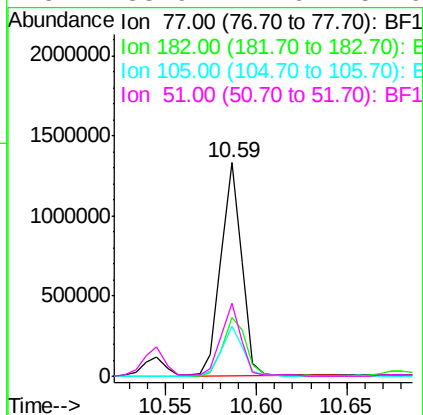
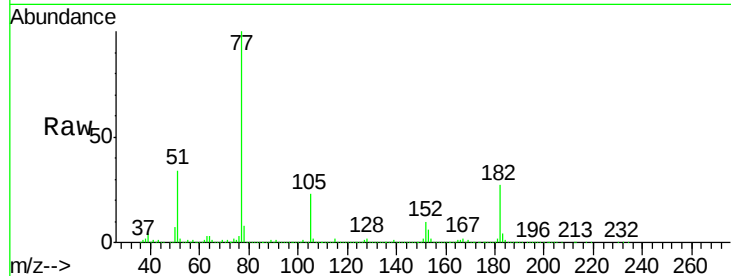
#63
Azobenzene
Concen: 30.838 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.4	4.7	44.7	
105	23.4	2.9	42.9	
51	33.9	14.6	54.6	

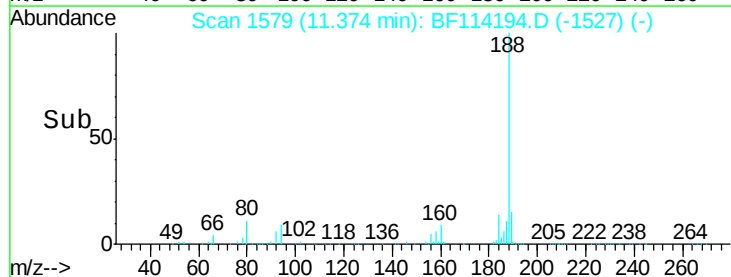
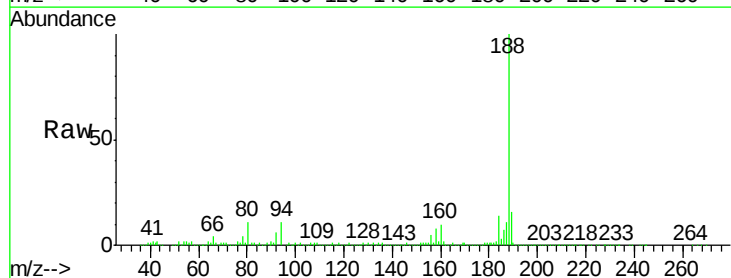
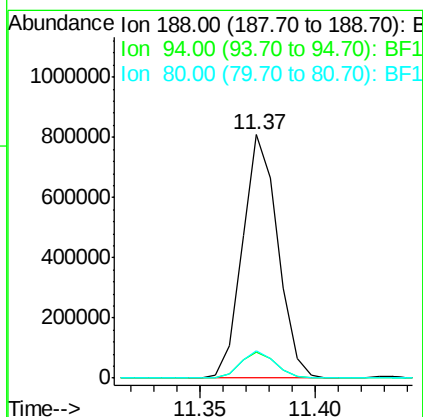
Manual Integrations
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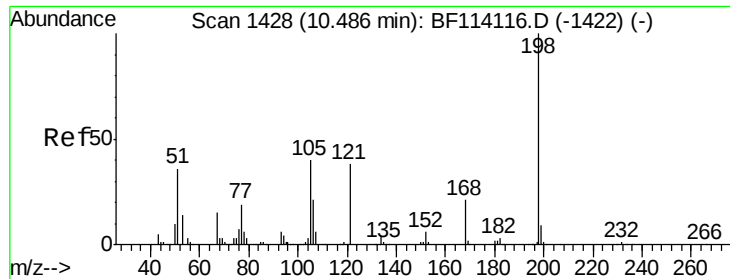
Sohil
5/13/2019 8:37:24 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.7	8.4	12.6	
80	11.2	9.2	13.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 21.489 ng

RT: 10.49 min Scan# 1429

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:198 Resp: 88533

Ion Ratio Lower Upper

198 100

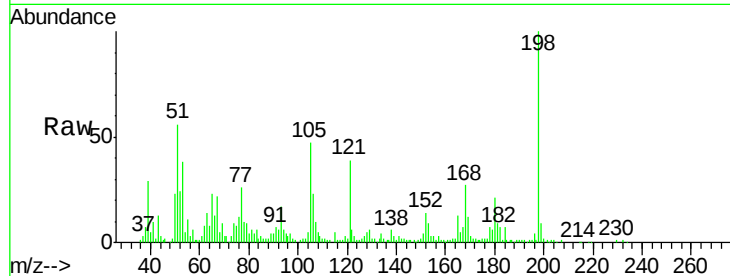
51 55.9 28.0 68.0

105 47.2 21.1 61.1

Manual Integrations
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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

600000

500000

400000

300000

200000

100000

0

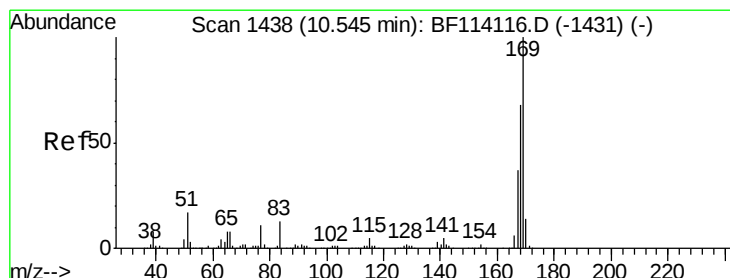
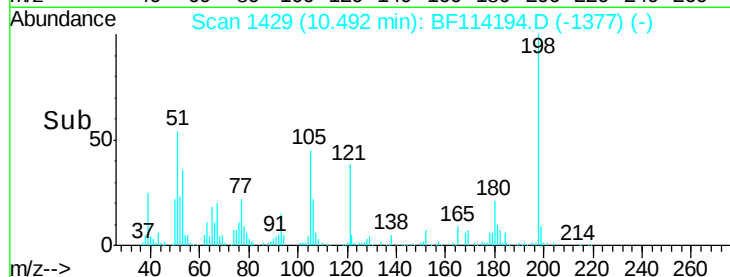
10.49

10.40

10.50

10.60

Time-->



#66

n-Nitrosodiphenylamine

Concen: 34.732 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

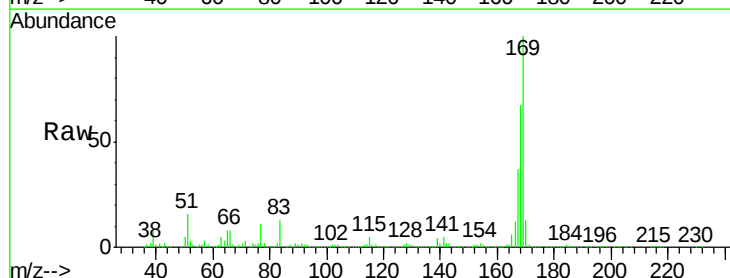
Tgt Ion:169 Resp: 903791

Ion Ratio Lower Upper

169 100

168 67.0 54.2 81.2

167 37.4 29.8 44.8



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

1500000

1000000

500000

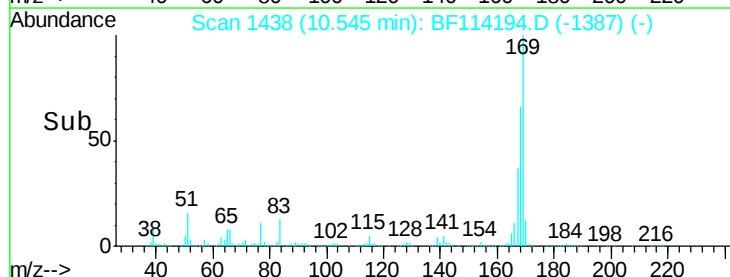
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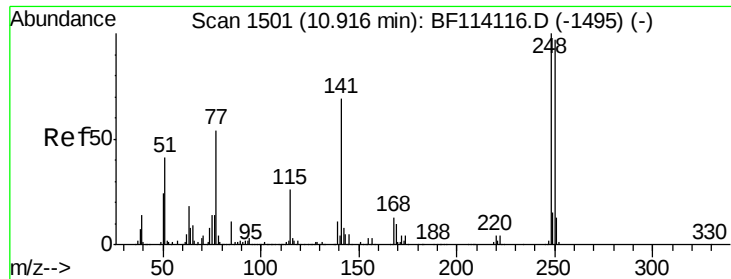
10.55

10.50

10.55

Time-->





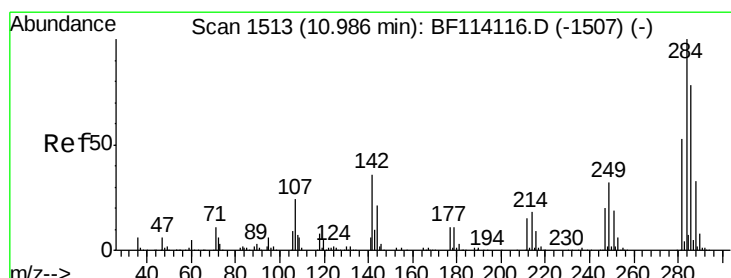
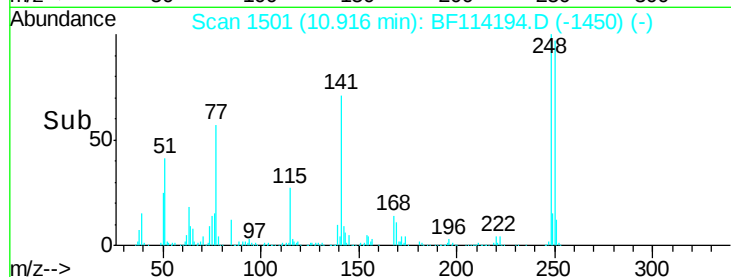
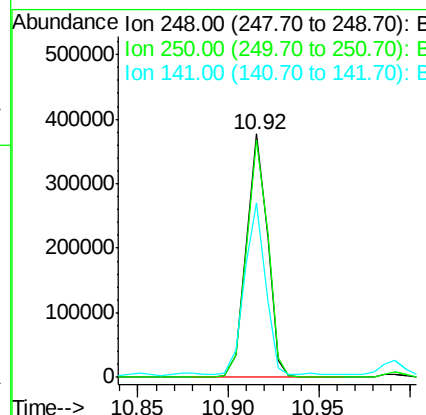
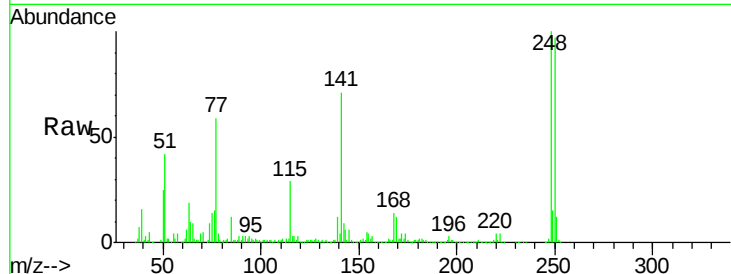
#67
 4-Bromophenyl-phenylether
 Concen: 32.384 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.4	116.2
141	71.5	55.6	83.4

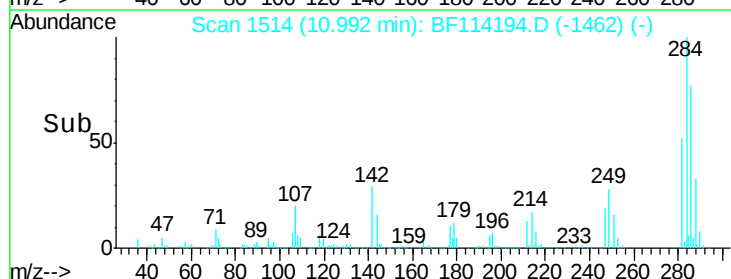
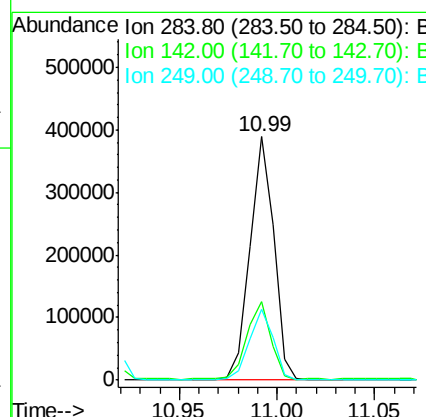
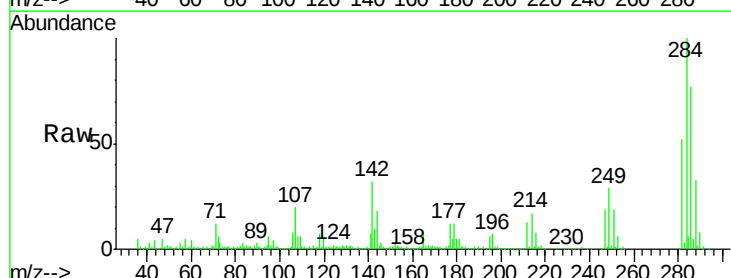
Manual Integrations
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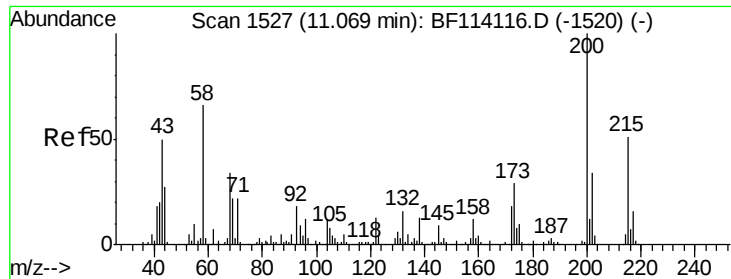
Sohil
 5/13/2019 8:37:24 PM



#68
 Hexachlorobenzene
 Concen: 31.669 ng
 RT: 10.99 min Scan# 1514
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.5	28.4	42.6
249	29.3	25.2	37.8





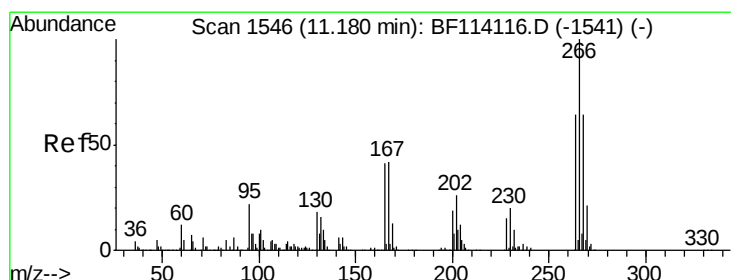
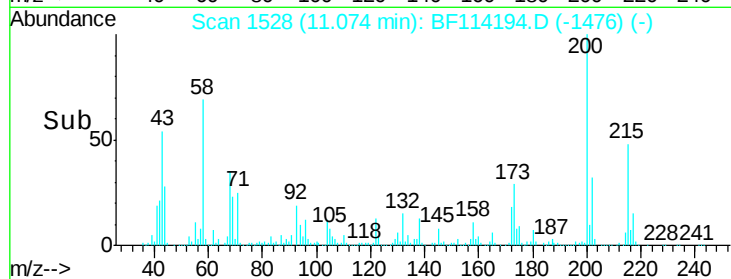
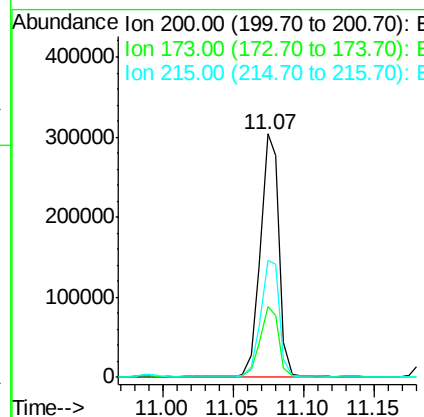
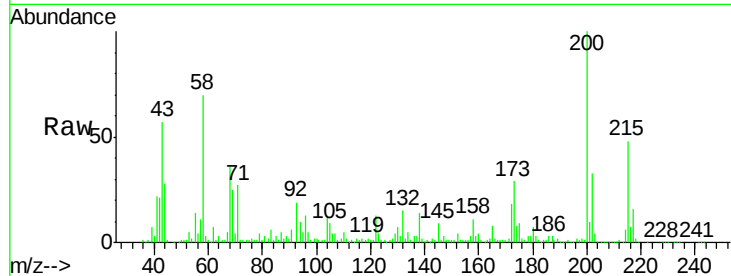
#69
Atrazine
Concen: 35.022 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	29.2	8.9	48.9
215	48.0	30.7	70.7

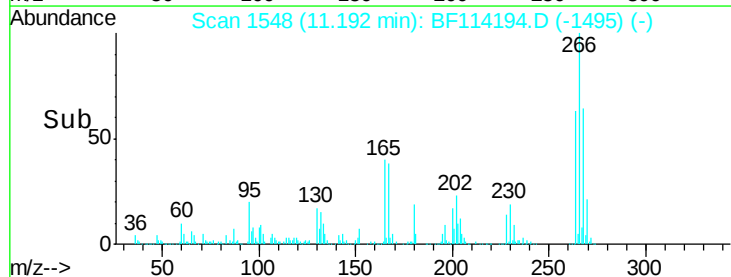
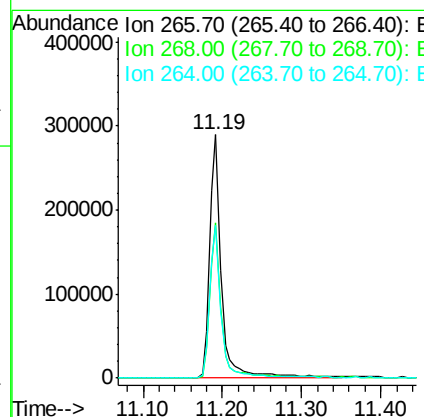
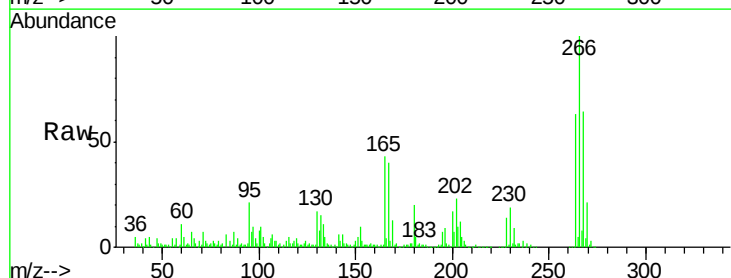
Manual Integrations
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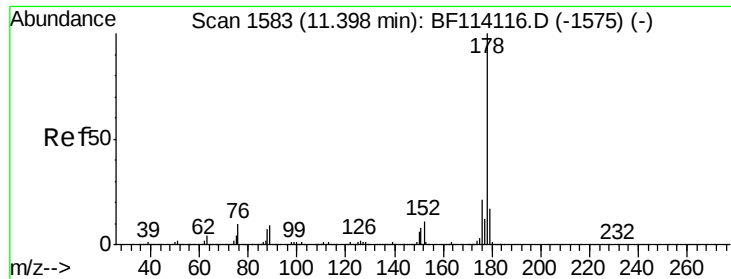
Sohil
5/13/2019 8:37:24 PM



#70
Pentachlorophenol
Concen: 61.742 ng
RT: 11.19 min Scan# 1548
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.8	51.1	76.7
264	62.9	51.1	76.7





#71

Phenanthrene

Concen: 102.082 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:178 Resp: 4258171

Ion Ratio Lower Upper

178 100

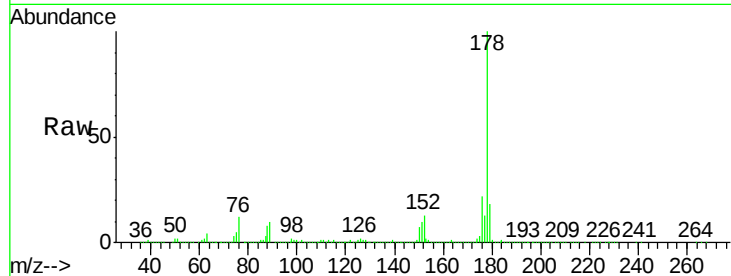
176 22.5 16.4 24.6

179 17.7 13.2 19.8

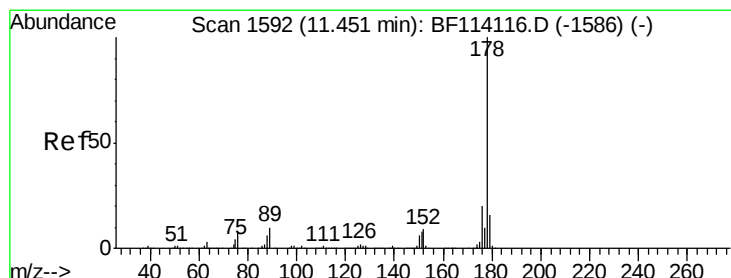
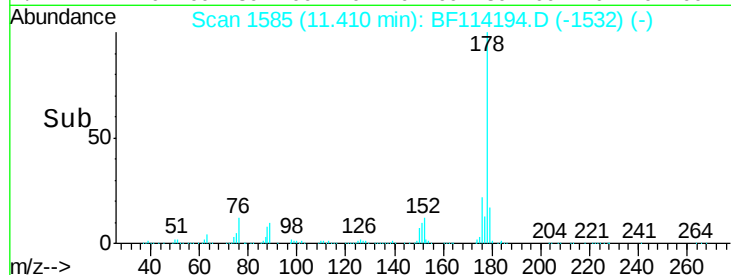
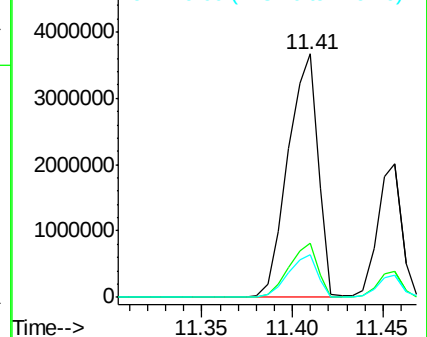
Manual Integrations
APPROVED

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Abundance Ion 178.00 (177.70 to 178.70): E
5000000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.227 ng

RT: 11.46 min Scan# 1593

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Tgt Ion:178 Resp: 1852993

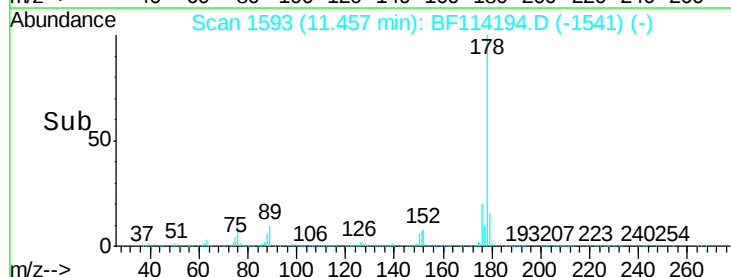
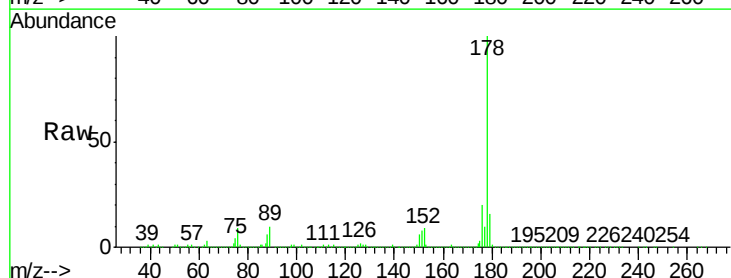
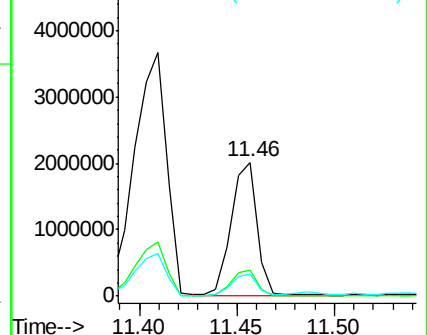
Ion Ratio Lower Upper

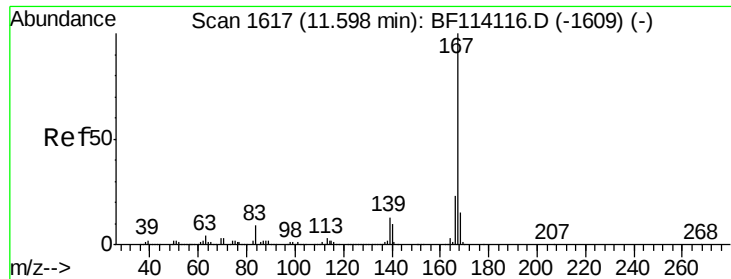
178 100

176 19.6 15.8 23.8

179 16.3 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
5000000
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





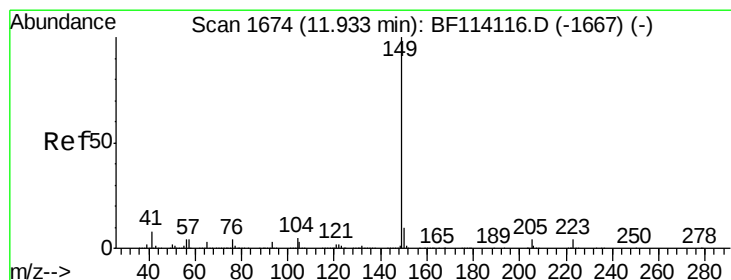
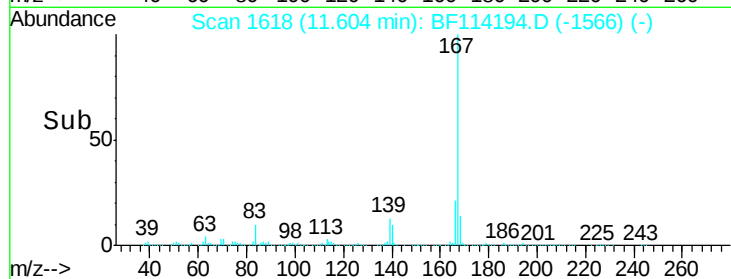
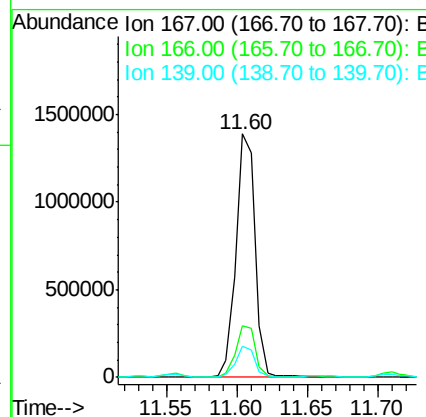
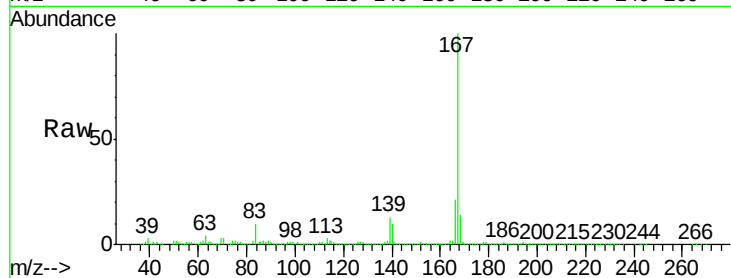
#73
 Carbazole
 Concen: 32.541 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.2	27.2
139	12.9	10.6	16.0

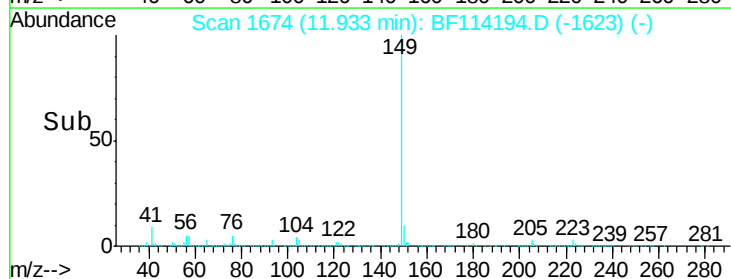
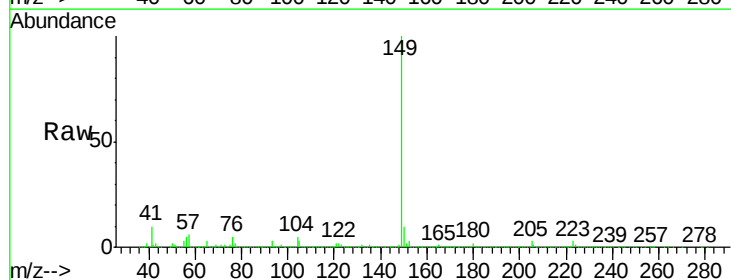
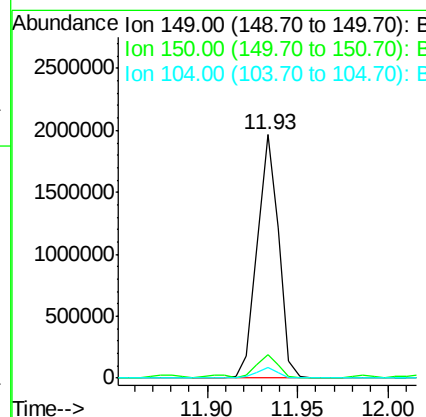
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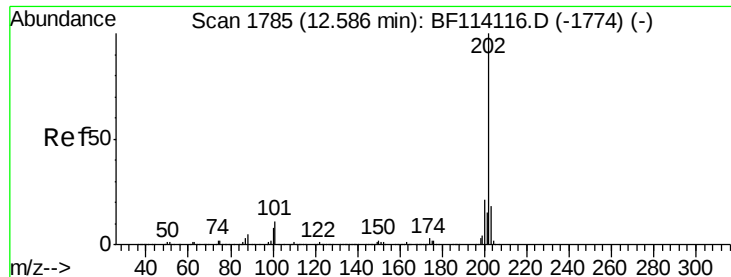
Sohil
 5/13/2019 8:37:24 PM



#74
 Di-n-butylphthalate
 Concen: 34.836 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.7	11.5
104	4.6	3.6	5.4





#75

Fluoranthene

Concen: 102.873 ng

RT: 12.60 min Scan# 1788

Delta R.T. 0.02 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:202 Resp: 4621043

Ion Ratio Lower Upper

202 100

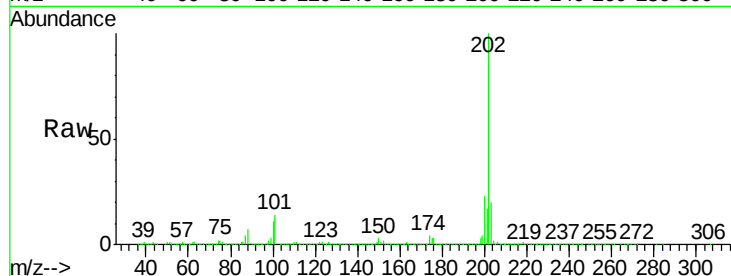
101 14.1 0.0 31.0

203 20.1 0.0 38.4

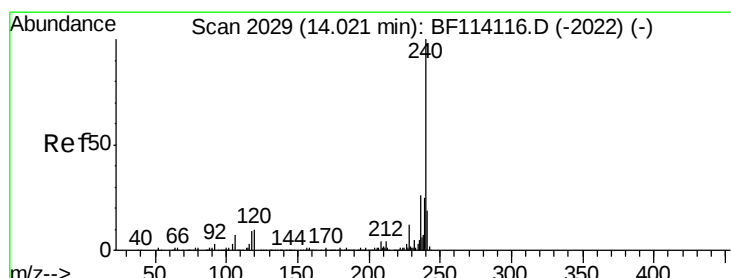
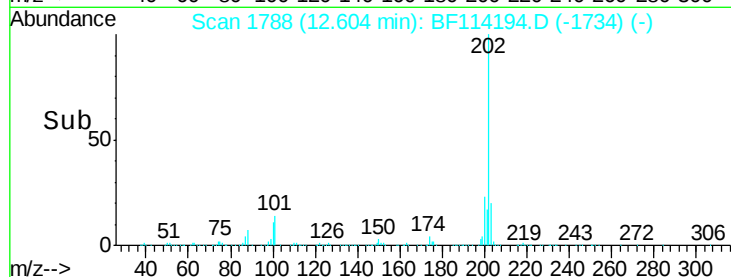
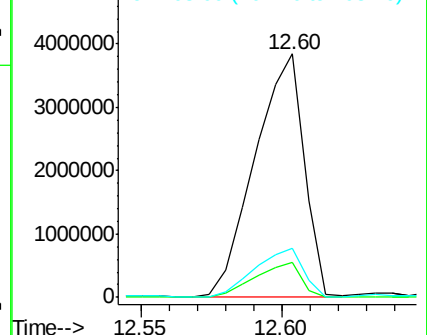
Manual Integrations
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2030

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

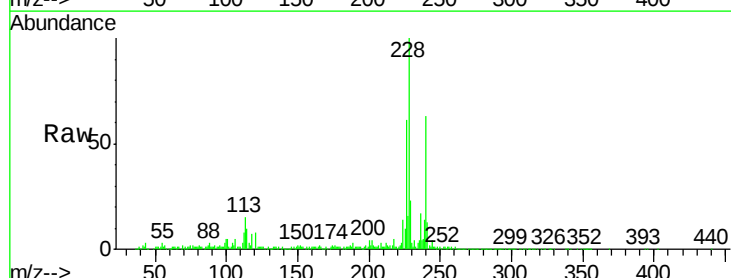
Tgt Ion:240 Resp: 475505

Ion Ratio Lower Upper

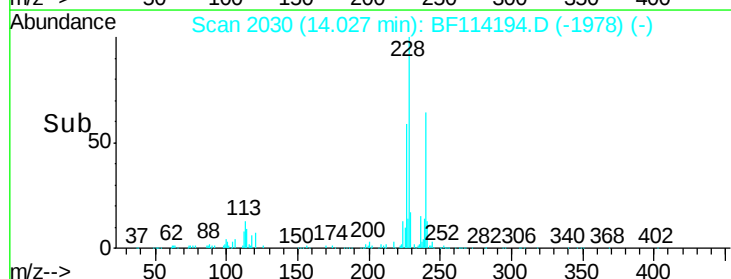
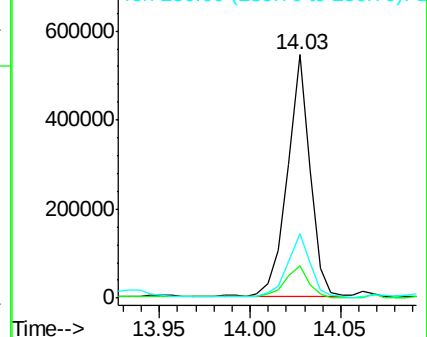
240 100

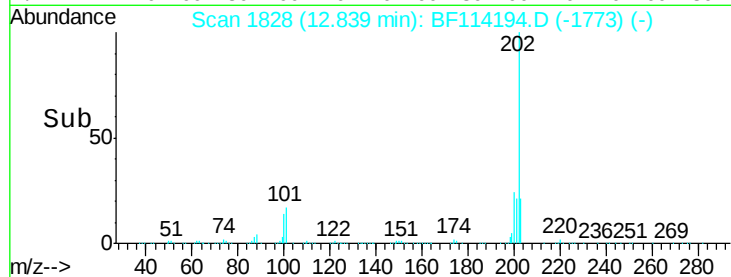
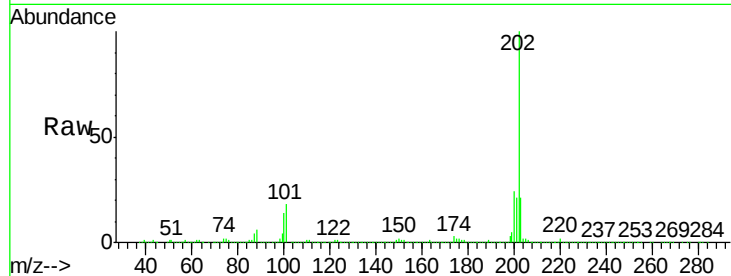
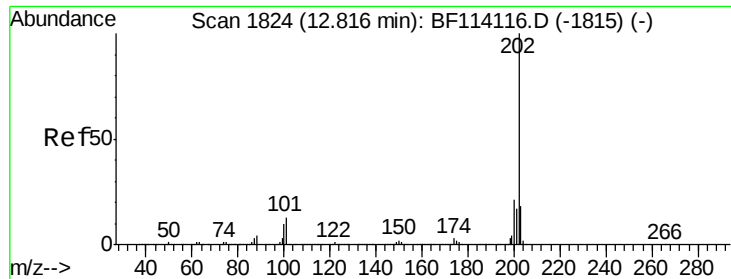
120 13.2 8.3 12.5#

236 26.4 20.8 31.2



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





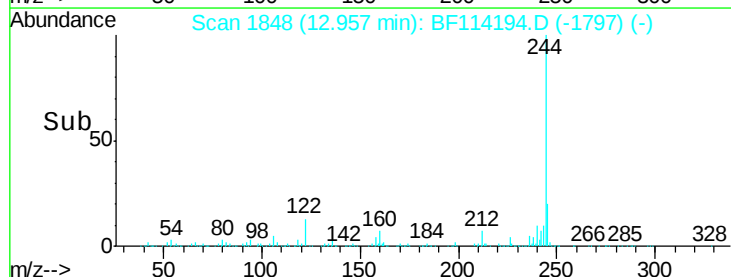
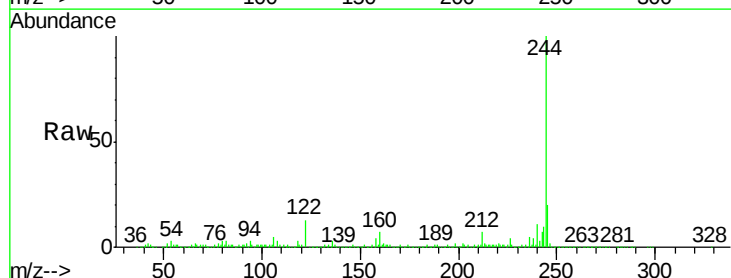
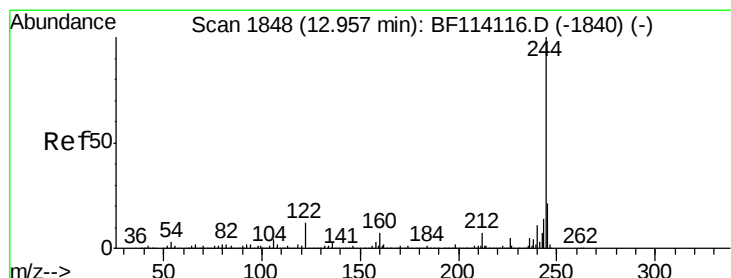
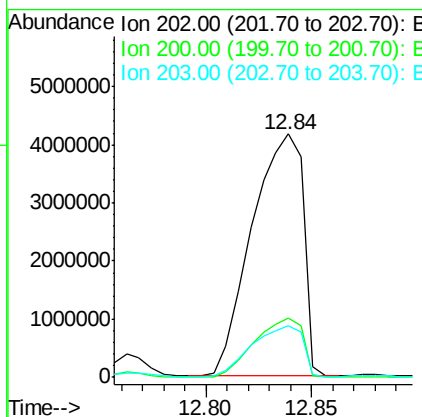
#78
Pvrene
Concen: 184.292 ng
RT: 12.84 min Scan# 1828
Delta R.T. 0.02 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tot Ion: 202 Resp: 7049556
Ion Ratio Lower Upper
202 100
200 24.4 16.9 25.3
203 21.0 14.5 21.7

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

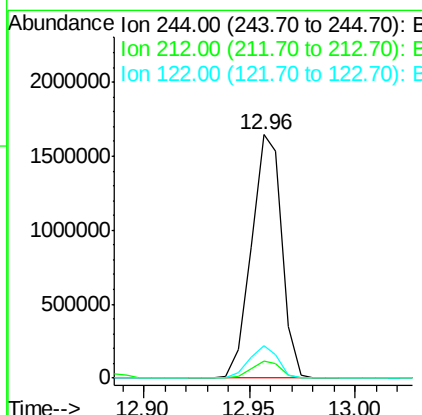
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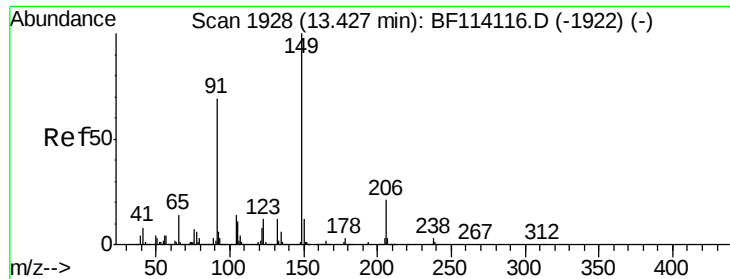
Sohil
5/13/2019 8:37:24 PM



#79
Terphenyl-d14
Concen: 70.855 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion: 244 Resp: 1634400
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 13.4 9.4 14.2





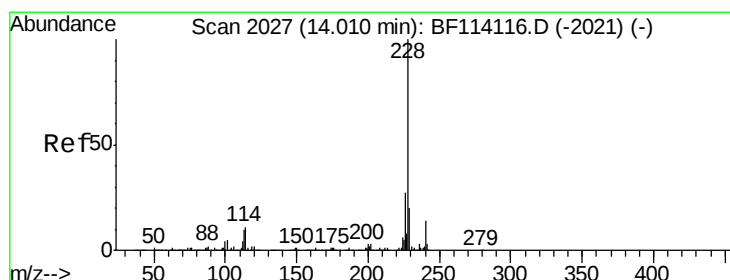
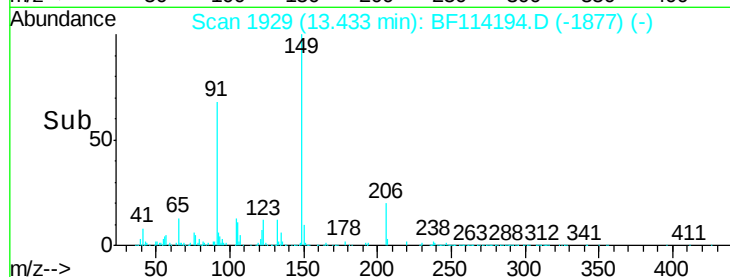
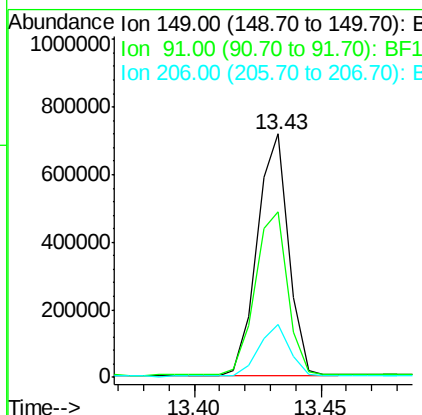
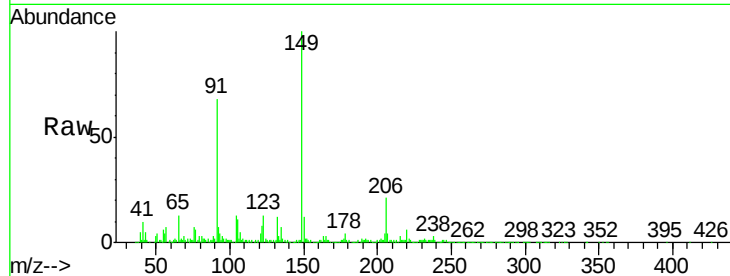
#80
Butylbenzylphthalate
Concen: 38.388 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
149	100		618065		
91	68.0		55.0	82.4	
206	21.5		16.9	25.3	

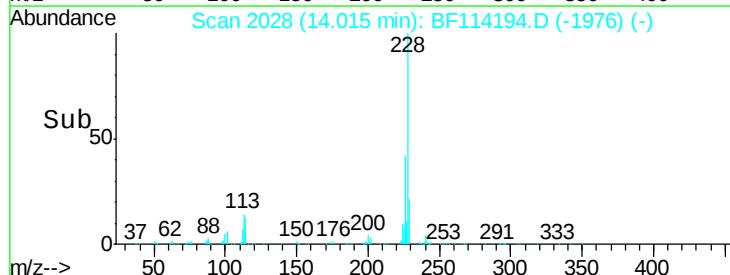
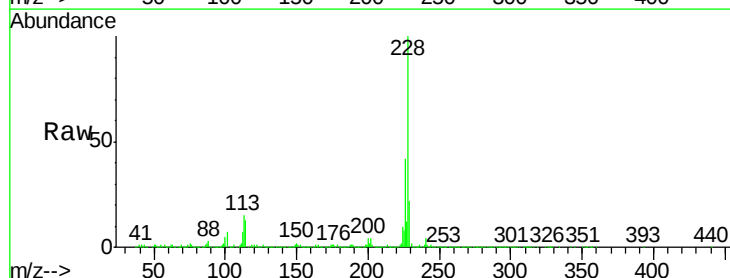
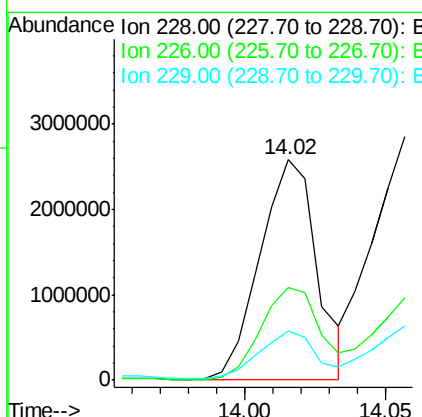
Manual Integrations
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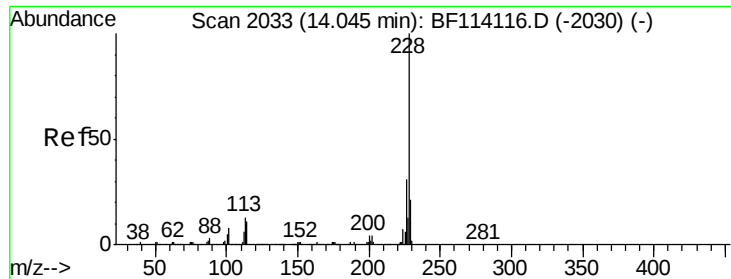
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#81
Benzo(a)anthracene
Concen: 116.593 ng
RT: 14.02 min Scan# 2028
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
228	100		3585862		
226	42.2		22.2	33.2#	
229	22.0		16.4	24.6	





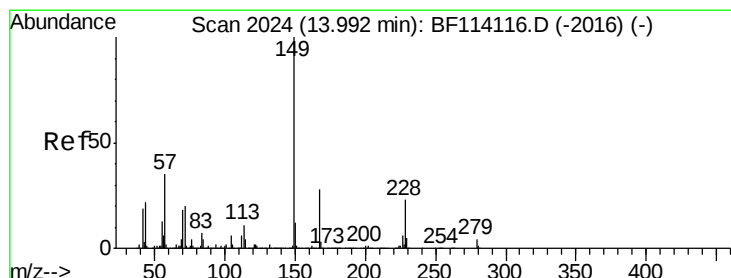
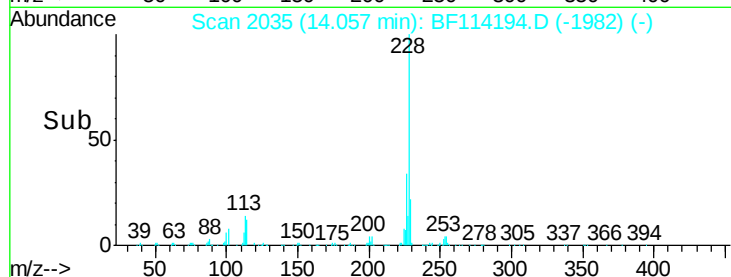
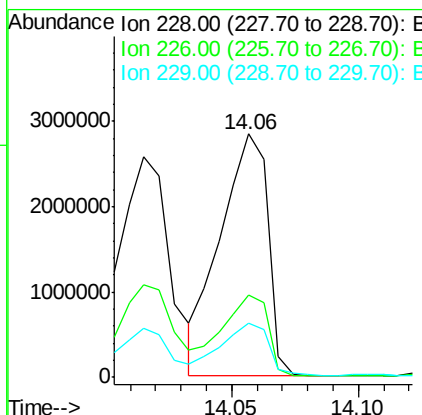
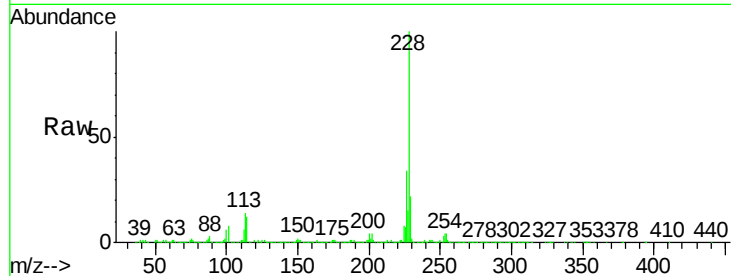
#83
 Chrvsene
 Concen: 122.650 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

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

Tot Ion:228 Resp: 3697789
 Ion Ratio Lower Upper
 228 100
 226 34.1 25.0 37.6
 229 22.2 17.0 25.6

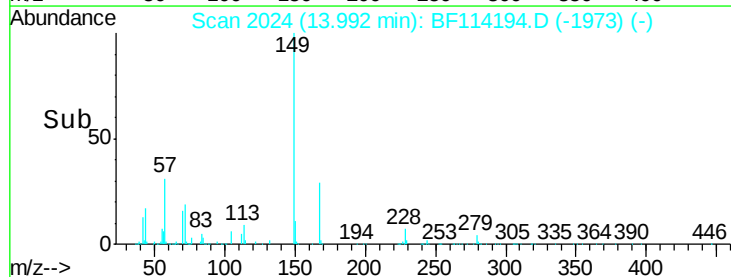
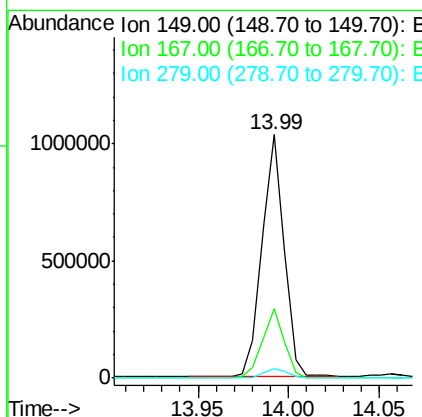
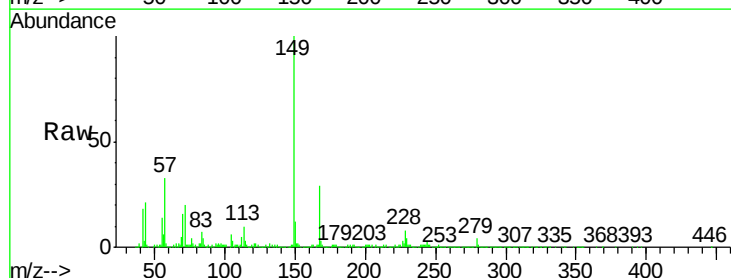
Manual Integrations
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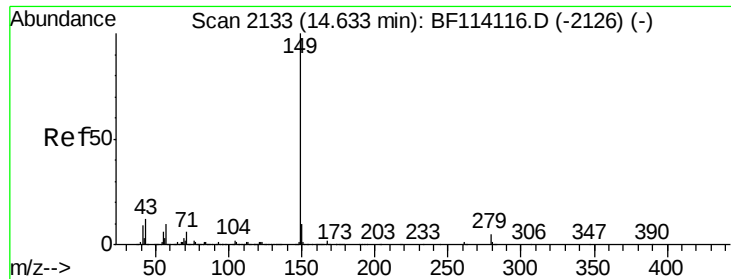
Sohil
 5/13/2019 8:37:24 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.566 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF114194.D
 Acq: 12 May 2019 16:04

Tgt Ion:149 Resp: 875269
 Ion Ratio Lower Upper
 149 100
 167 28.6 22.6 33.8
 279 3.9 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 42.456 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:149 Resp: 1449276

Ion Ratio Lower Upper

149 100

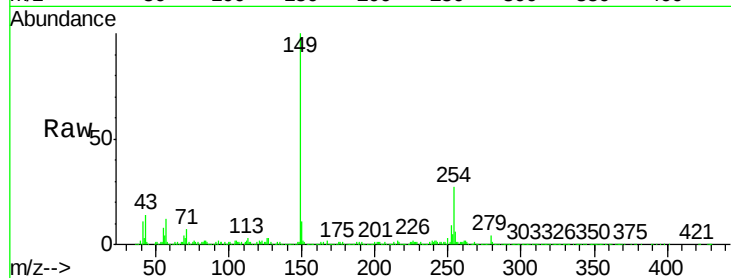
167 1.6 1.3 1.9

43 13.4 10.1 15.1

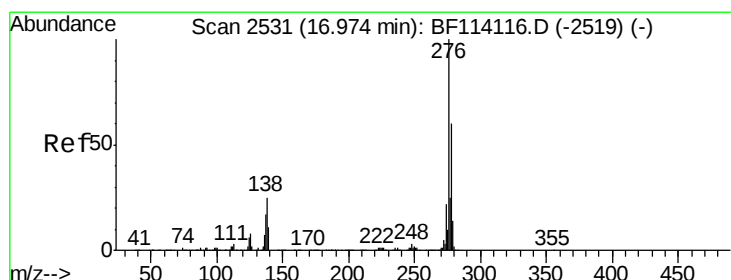
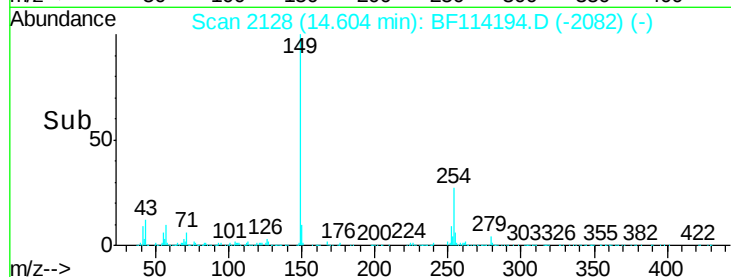
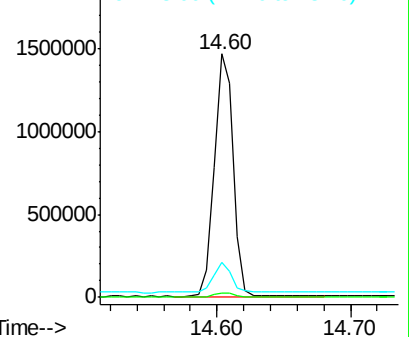
Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
2000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 94.011 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.02 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

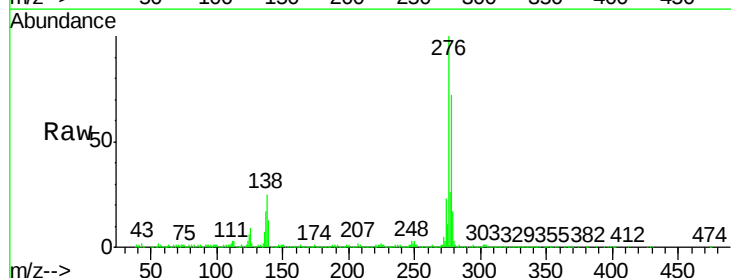
Tgt Ion:276 Resp: 2504945

Ion Ratio Lower Upper

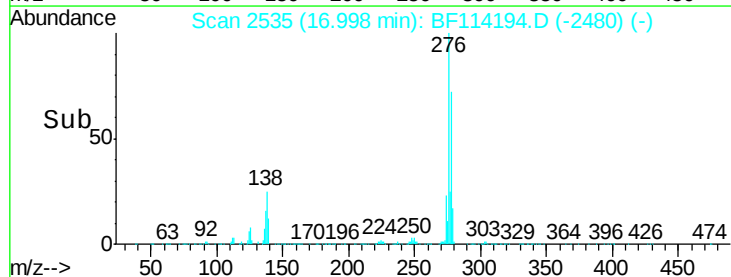
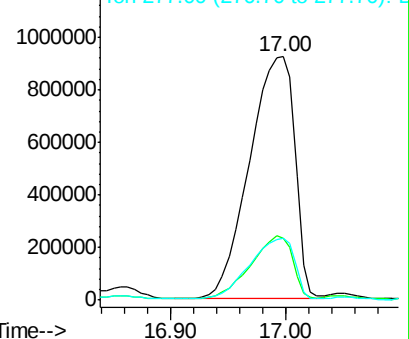
276 100

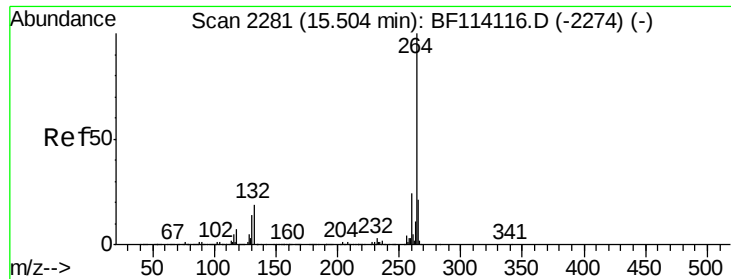
138 24.0 20.2 30.2

277 24.8 20.0 30.0



Abundance Ion 276.00 (275.70 to 276.70): E
1200000
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: 15.50 min Scan# 2281

Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

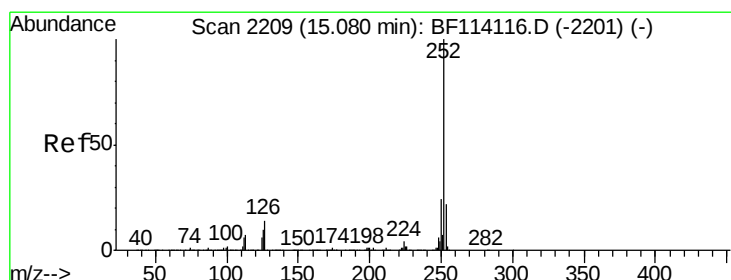
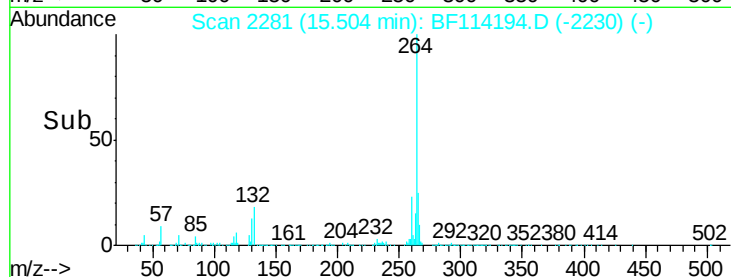
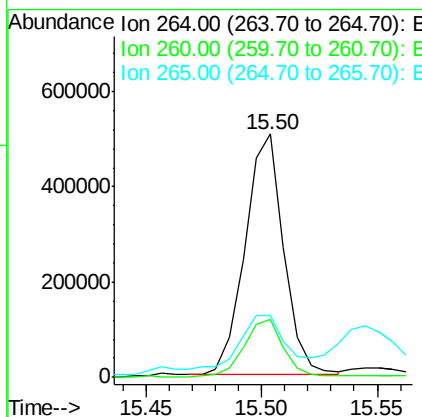
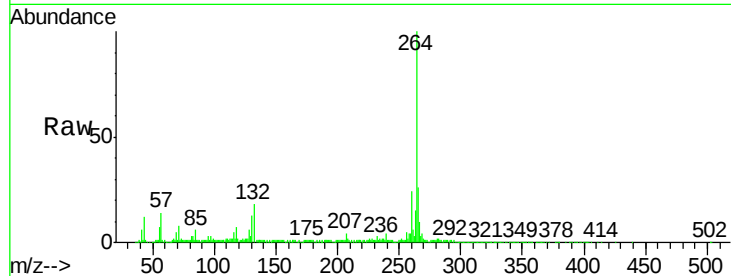
ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:	264	Resp:	588566
Ion Ratio		Lower	Upper
264	100		
260	23.6	19.4	29.0
265	25.5	16.9	25.3#

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 122.376 ng m

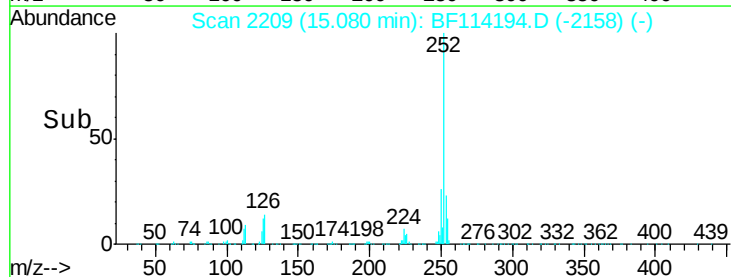
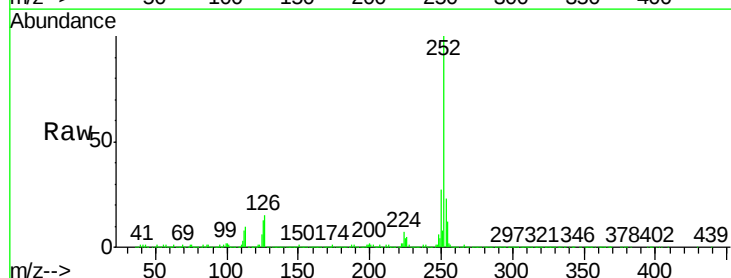
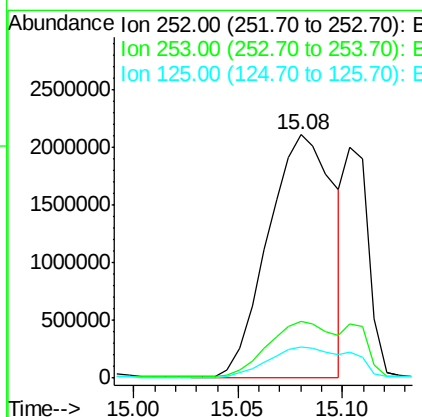
RT: 15.08 min Scan# 2209

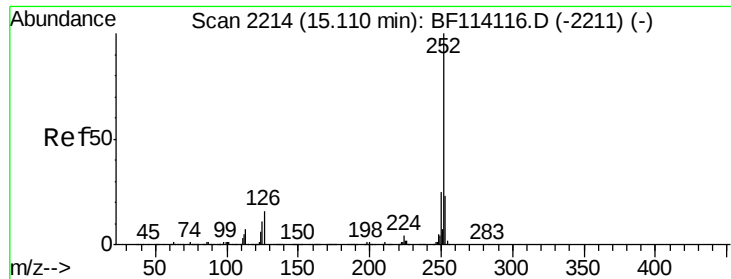
Delta R.T. -0.00 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Tgt Ion:	252	Resp:	4614435
Ion Ratio		Lower	Upper
252	100		
253	23.3	17.8	26.8
125	12.6	8.3	12.5#





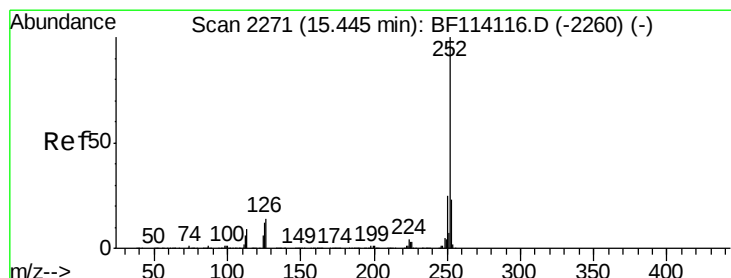
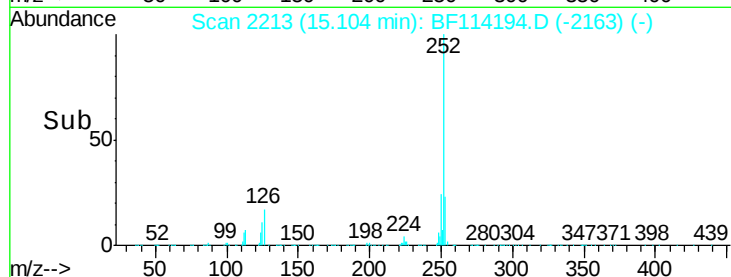
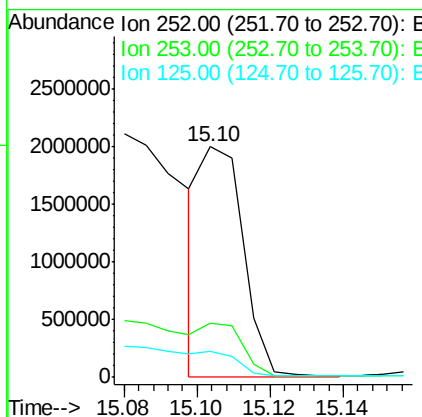
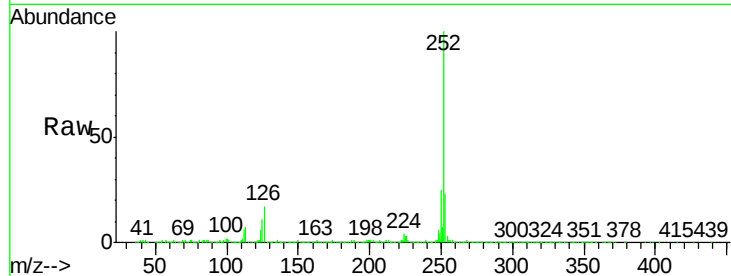
#89
Benzo(k)fluoranthene
Concen: 45.992 ng m
RT: 15.10 min Scan# 2213
Delta R.T. -0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.2	27.2
125	11.5	8.6	13.0

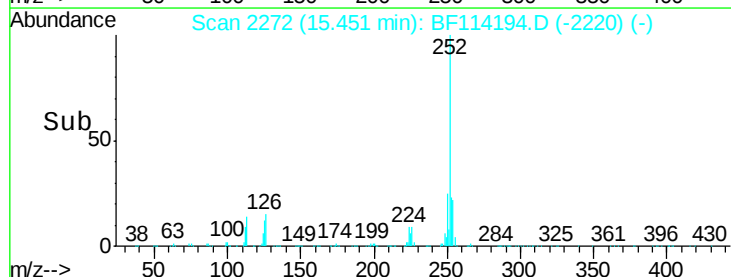
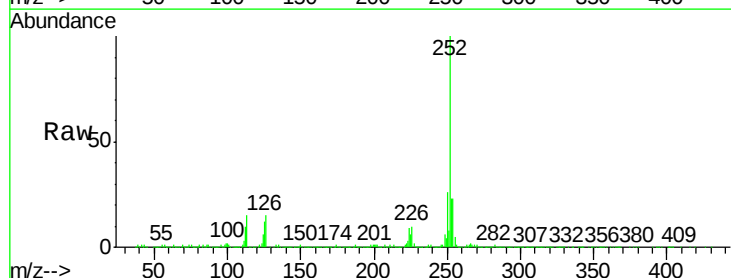
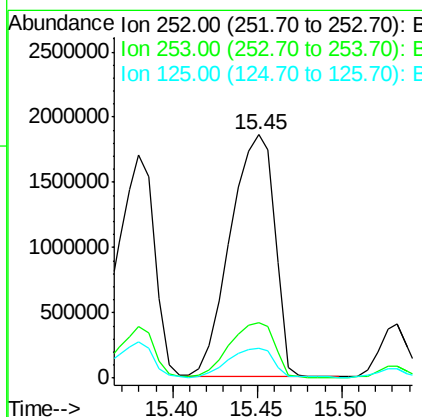
Manual Integrations
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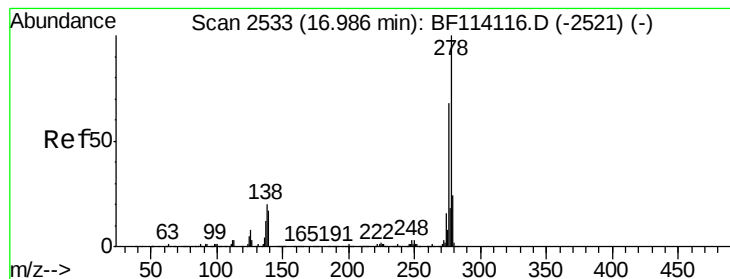
Sohil
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#90
Benzo(a)pyrene
Concen: 102.763 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF114194.D
Acq: 12 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	12.4	9.5	14.3





#91

Dibenzo(a,h)anthracene

Concen: 44.299 ng

RT: 17.00 min Scan# 2535

Delta R.T. 0.01 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

Instrument :

BNA_F

ClientSampleId :

P026-SS012-0002-01MS

Tot Ion:278 Resp: 1221560

Ion Ratio Lower Upper

278 100

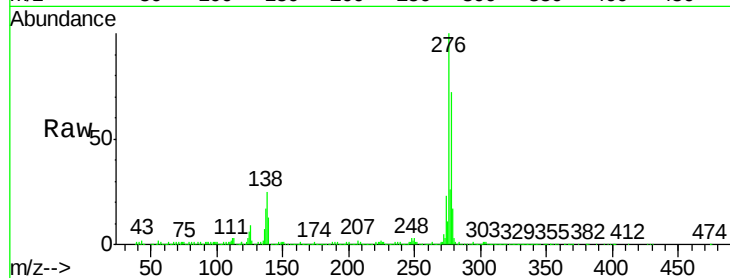
139 17.6 13.5 20.3

279 24.0 19.0 28.6

Manual Integrations
APPROVED

Sohil

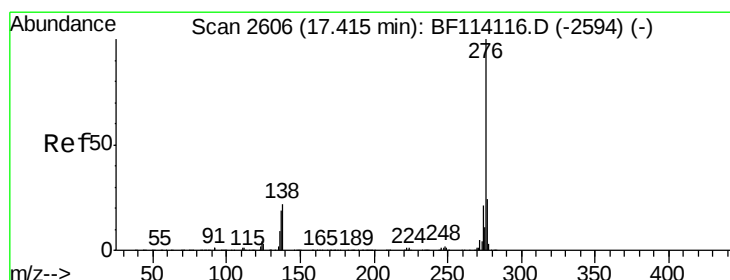
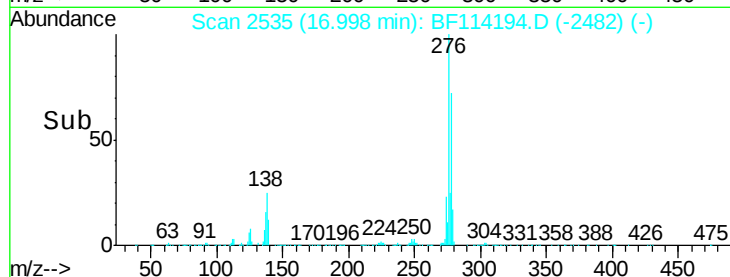
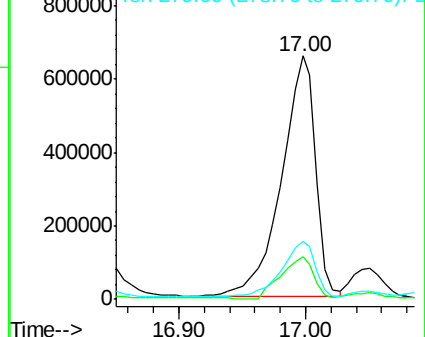
5/13/2019 8:37:24 PM



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: 92.122 ng

RT: 17.45 min Scan# 2612

Delta R.T. 0.04 min

Lab File: BF114194.D

Acq: 12 May 2019 16:04

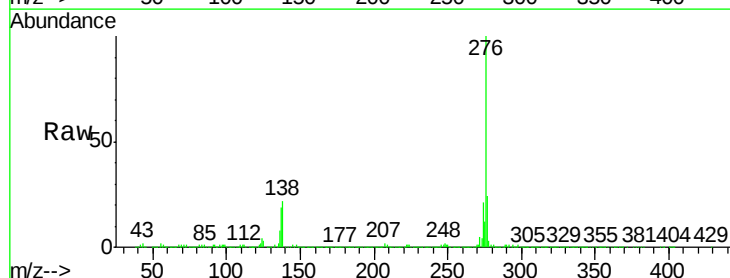
Tgt Ion:276 Resp: 2545758

Ion Ratio Lower Upper

276 100

277 23.6 19.0 28.4

138 21.9 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

