

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
 Data File : BF114218.D
 Acq On : 13 May 2019 3:25
 Operator : JU/SJ
 Sample : K2765-19MS 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 5/13/2019 8:37:53 PM

Quant Time: May 13 11:21:16 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 14:30:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	253593	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	973861	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	444572	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	818242	20.00	ng	0.00
76) Chrysene-d12	14.02	240	558501	20.00	ng	0.00
87) Perylene-d12	15.49	264	589009	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	418830	26.52	ng	0.00
7) Phenol-d6	6.49	99	572787	30.34	ng	0.00
23) Nitrobenzene-d5	7.41	82	345676	19.99	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	108597	24.97	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	515948	18.22	ng	0.00
79) Terphenyl-d14	12.95	244	436601	15.92	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.58	88	61515	7.077	ng	98
3) Pyridine	3.37	79	116873	4.907	ng	96
4) n-Nitrosodimethylamine	3.27	42	75818	6.574	ng	# 87
6) Aniline	6.51	93	64134	2.346	ng	# 1
8) 2-Chlorophenol	6.64	128	170427	10.012	ng	97
9) Benzaldehyde	6.40	77	77332	5.820	ng	97
10) Phenol	6.50	94	212848	9.598	ng	86
11) bis(2-Chloroethyl)ether	6.58	93	169882	10.102	ng	97
12) 1,3-Dichlorobenzene	6.79	146	171008	9.012	ng	99
13) 1,4-Dichlorobenzene	6.87	146	175358	9.110	ng	98
14) 1,2-Dichlorobenzene	7.02	146	167192	9.558	ng	99
15) Benzyl Alcohol	6.99	79	144123	9.798	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	302726	9.287	ng	97
17) 2-Methylphenol	7.11	107	125985	9.007	ng	96
18) Hexachloroethane	7.36	117	47380	6.580	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	120406	10.046	ng	96
20) 3+4-Methylphenols	7.27	107	164672	10.216	ng	# 60
22) Acetophenone	7.26	105	240183	11.120	ng	# 87
24) Nitrobenzene	7.43	77	176383	10.005	ng	98
25) Isophorone	7.67	82	320331	10.050	ng	98
26) 2-Nitrophenol	7.75	139	84727	9.941	ng	95
27) 2,4-Dimethylphenol	7.79	122	125645	9.318	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	217579	10.420	ng	98
29) 2,4-Dichlorophenol	8.00	162	133060	9.910	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	143078	9.376	ng	99
31) Naphthalene	8.16	128	679893	14.946	ng	98
32) Benzoic acid	7.87	122	57105	6.516	ng	100
33) 4-Chloroaniline	8.20	127	82864	4.003	ng	97
34) Hexachlorobutadiene	8.27	225	74566	8.601	ng	98
35) Caprolactam	8.54	113	39607	9.055	ng	99
36) 4-Chloro-3-methylphenol	8.69	107	140058	10.233	ng	96
37) 2-Methylnaphthalene	8.85	142	387683	13.065	ng	97
38) 1-Methylnaphthalene	8.95	142	345441	12.370	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	137388	10.179	ng	99

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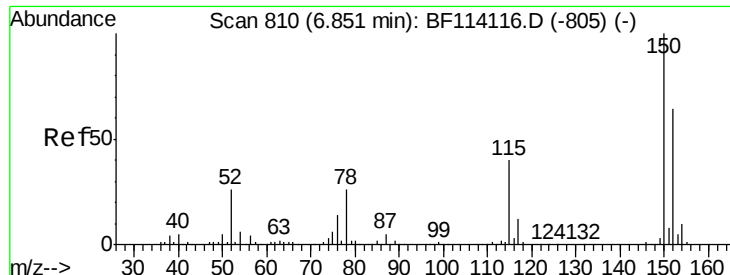
Manual Integrations
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 5/13/2019 8:37:53 PM

Quant Time: May 13 11:21:16 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 14:30:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.13	196	91149	9.806	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	98017	10.273	nq	96
46) 1,1'-Biphenyl	9.30	154	410415	11.444	nq	96
47) 2-Chloronaphthalene	9.33	162	279750	9.688	nq	97
48) 2-Nitroaniline	9.43	65	93452	9.079	nq	95
49) Acenaphthylene	9.75	152	809895	18.434	nq	97
50) Dimethylphthalate	9.60	163	422417	12.952	nq	98
51) 2,6-Dinitrotoluene	9.66	165	70815	9.751	nq	97
52) Acenaphthene	9.92	154	264108	9.798	nq	99
53) 3-Nitroaniline	9.84	138	40923	4.552	nq	95
54) 2,4-Dinitrophenol	9.95	184	23212	7.122	nq	92
55) Dibenzofuran	10.09	168	402738	10.215	nq	96
56) 4-Nitrophenol	10.02	139	93907	14.721	nq	90
57) 2,4-Dinitrotoluene	10.07	165	88081	8.936	nq	99
58) Fluorene	10.43	166	355729	11.698	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	74434	9.080	nq	# 99
60) Diethylphthalate	10.30	149	332573	10.047	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	151372	10.130	nq	99
62) 4-Nitroaniline	10.45	138	63535	6.761	nq	93
63) Azobenzene	10.58	77	299787	9.629	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	19643	4.646	nq	81
66) n-Nitrosodiphenylamine	10.54	169	272117	10.424	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	90612	10.069	nq	96
68) Hexachlorobenzene	10.99	284	94390	9.461	nq	97
69) Atrazine	11.07	200	78527	10.173	nq	98
70) Pentachlorophenol	11.19	266	68456	14.502	nq	99
71) Phenanthrene	11.40	178	1696412	42.161	nq	99
72) Anthracene	11.45	178	631800	15.633	nq	98
73) Carbazole	11.60	167	384100	10.000	nq	97
74) Di-n-butylphthalate	11.93	149	504278	11.335	nq	100
75) Fluoranthene	12.59	202	2119180	48.852	nq	98
78) Pyrene	12.83	202	3391424	74.850	nq	98
80) Butylbenzylphthalate	13.43	149	190821	10.008	nq	99
81) Benzo(a)anthracene	14.04	228	1618288	44.414	nq	96
83) Chrysene	14.04	228	1618288	45.320	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	284372	11.434	nq	100
85) Di-n-octyl phthalate	14.60	149	453215	11.181	nq	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	795656	24.893	nq	99
88) Benzo(b)fluoranthene	15.07	252	2223258	58.367	nq	# 98
89) Benzo(k)fluoranthene	15.07	252	2223258	64.414	nq	98
90) Benzo(a)pyrene	15.43	252	1148848	34.511	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	387838	13.847	nq	98
92) Benzo(g,h,i)perylene	17.42	276	812622	29.066	nq	98

(#) = 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: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:152 Resp: 253593

Ion Ratio Lower Upper

152 100

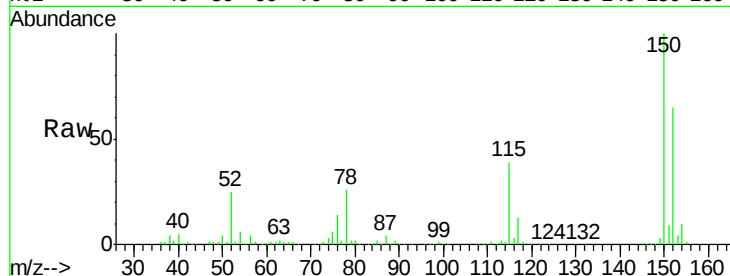
150 154.6 124.3 186.5

115 60.0 49.1 73.7

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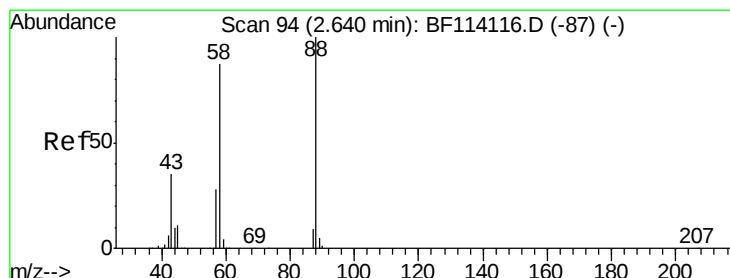
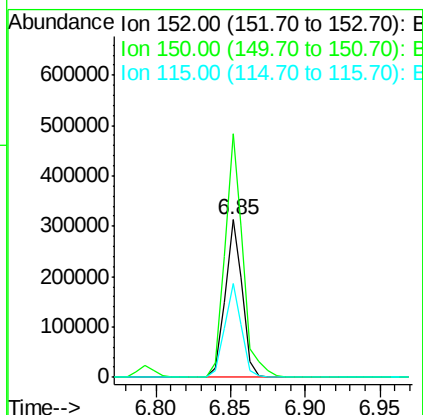
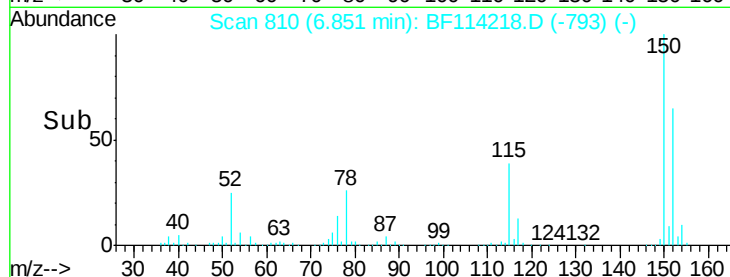
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 7.077 ng

RT: 2.58 min Scan# 84

Delta R.T. -0.06 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

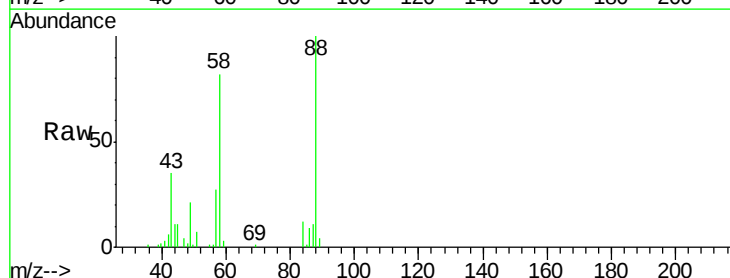
Tgt Ion: 88 Resp: 61515

Ion Ratio Lower Upper

88 100

58 87.5 68.7 103.1

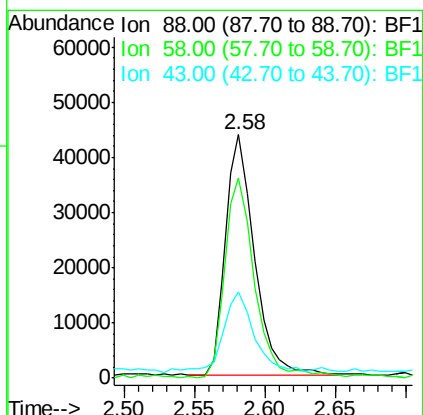
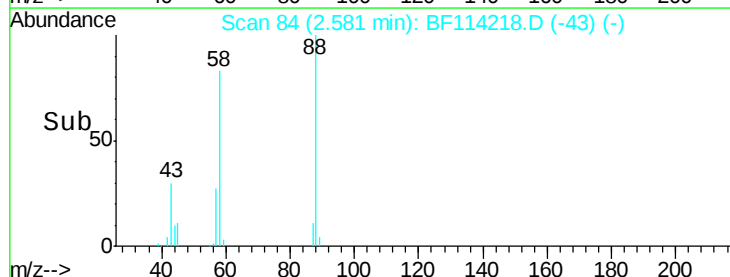
43 36.4 28.2 42.2

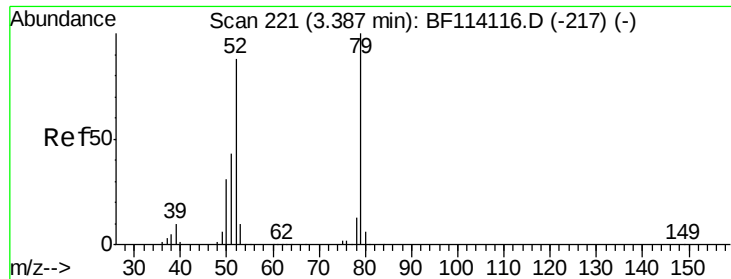


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





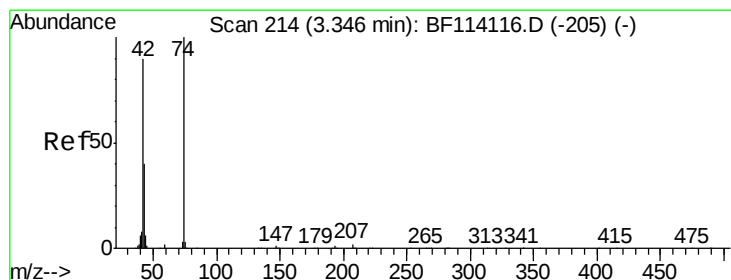
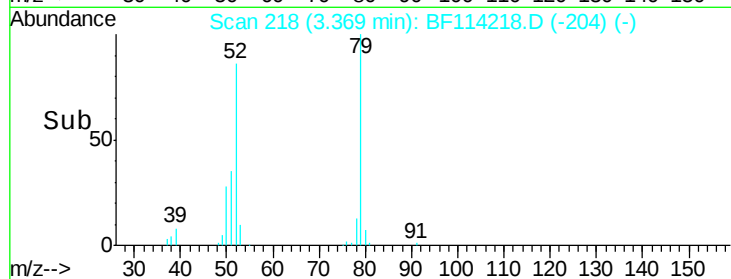
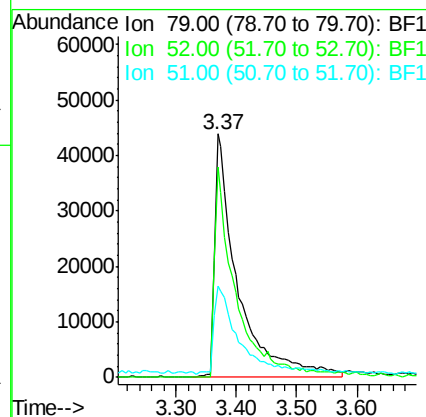
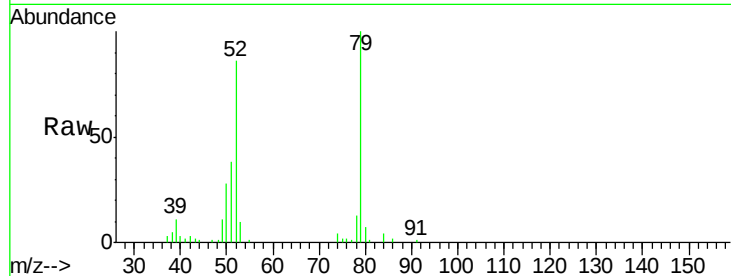
#3
 Pvridine
 Concen: 4.907 ng
 RT: 3.37 min Scan# 218
 Delta R.T. -0.02 min
 Lab File: BF114218.D
 Acq: 13 May 2019 3:25

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 P026-SS006-0002-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	100				
52	86.2	70.6	116873	105.8	
51	37.6	34.2		51.2	

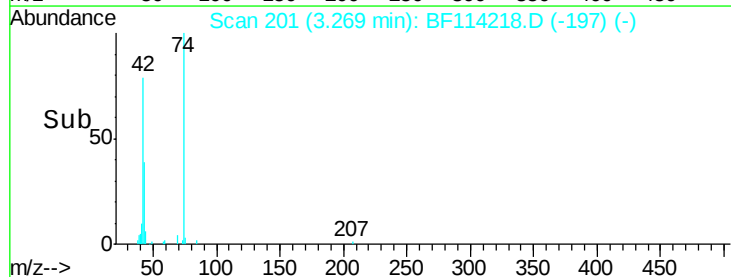
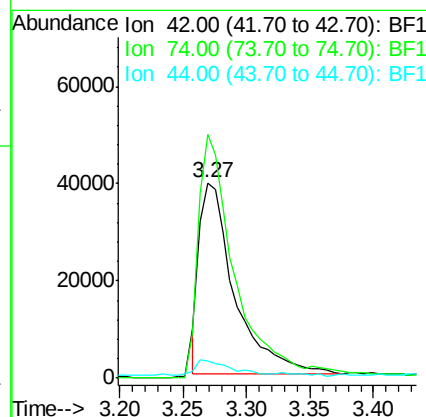
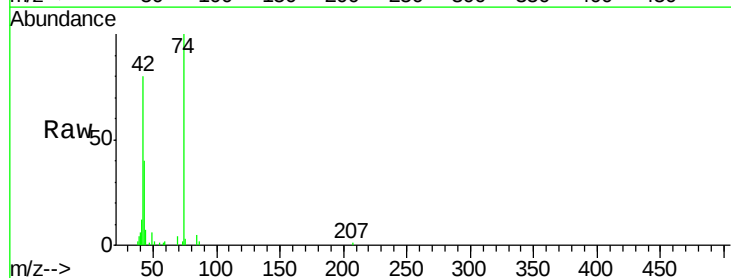
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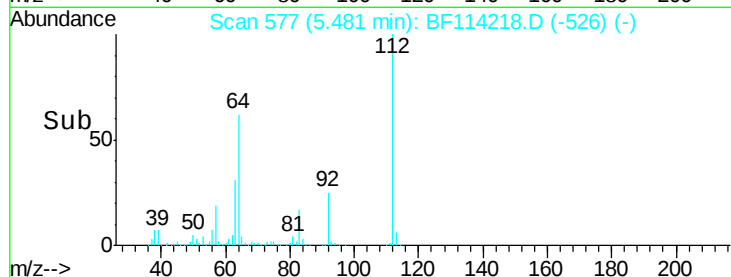
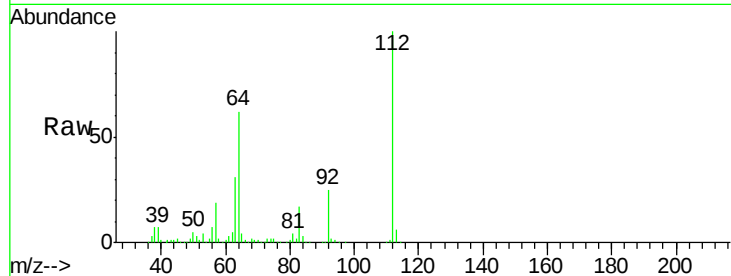
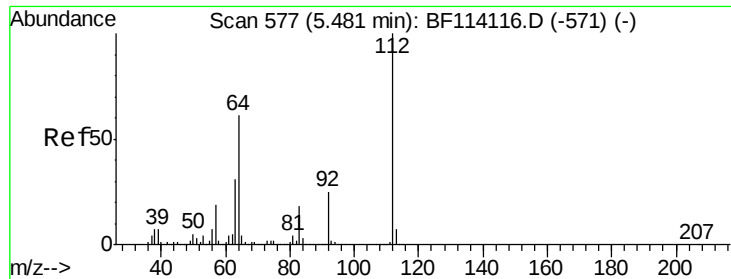
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#4
 n-Nitrosodimethylamine
 Concen: 6.574 ng
 RT: 3.27 min Scan# 201
 Delta R.T. -0.08 min
 Lab File: BF114218.D
 Acq: 13 May 2019 3:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	100		75818		
74	124.8	88.6		132.8	
44	8.7	5.5		8.3#	





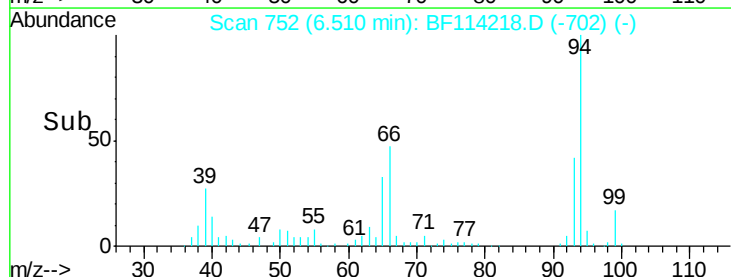
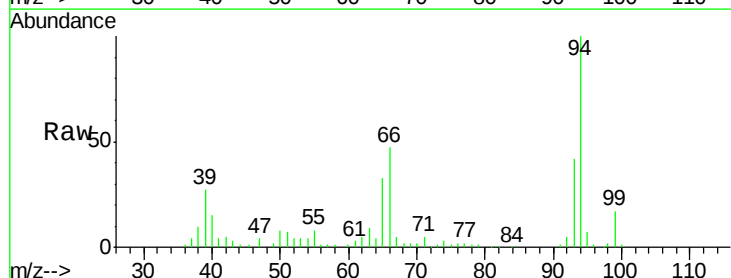
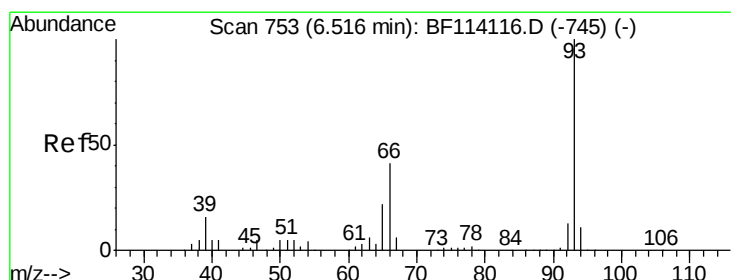
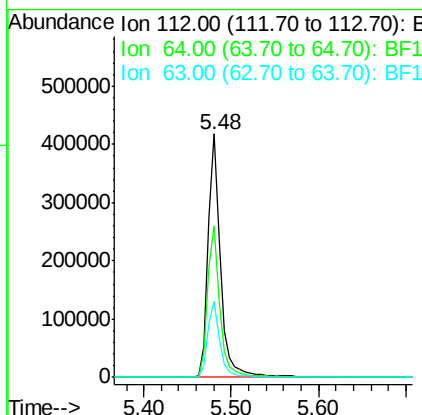
#5
2-Fluorophenol
Concen: 26.521 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	62.0	49.0	73.6
63	31.0	24.6	37.0

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

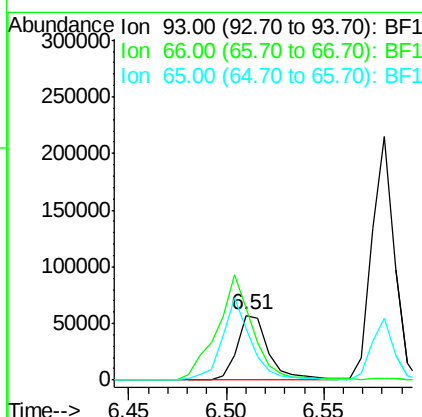
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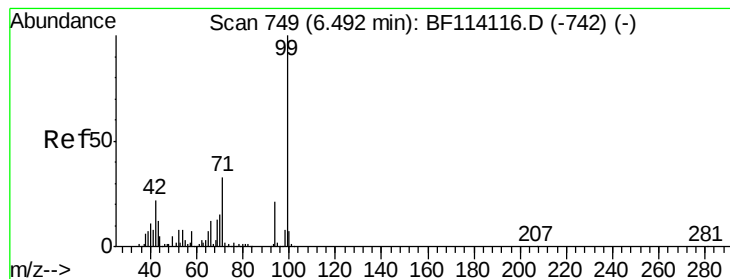
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#6
Aniline
Concen: 2.346 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	111.8	33.2	49.8#
65	79.1	17.6	26.4#





#7

Phenol-d6

Concen: 30.344 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

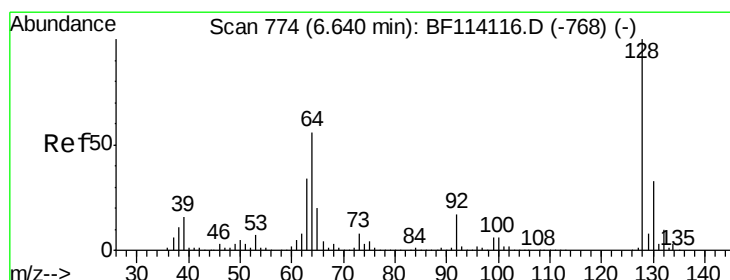
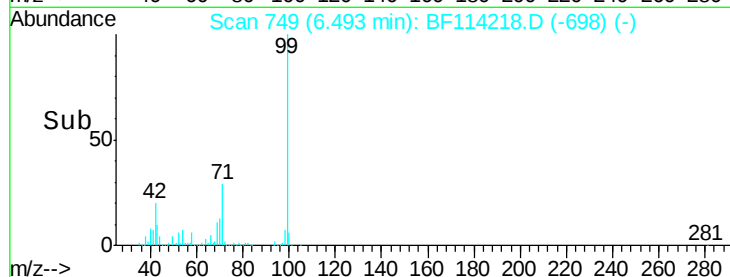
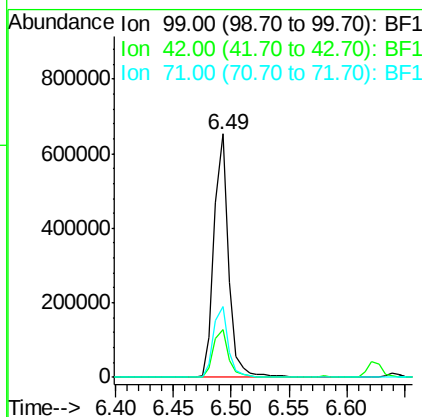
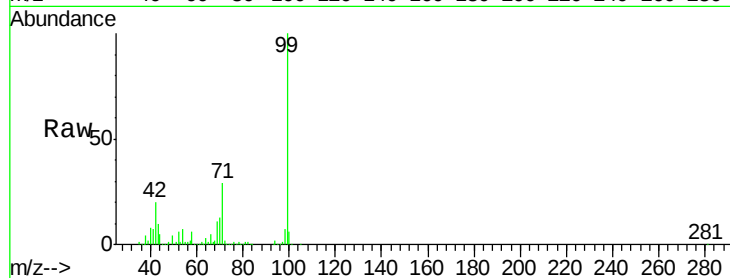
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	99	Resp:	572787
Ion Ratio	Lower	Upper	
99	100		
42	19.9	17.9	26.9
71	29.0	26.2	39.2

Manual Integrations
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#8

2-Chlorophenol

Concen: 10.012 ng

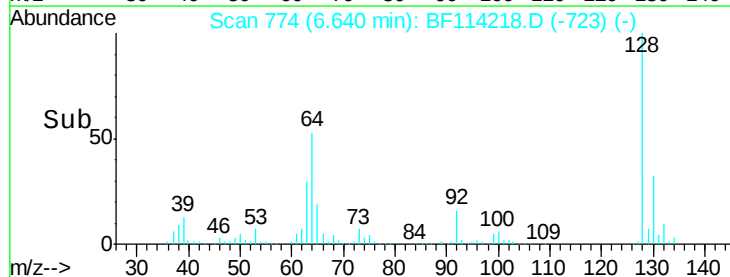
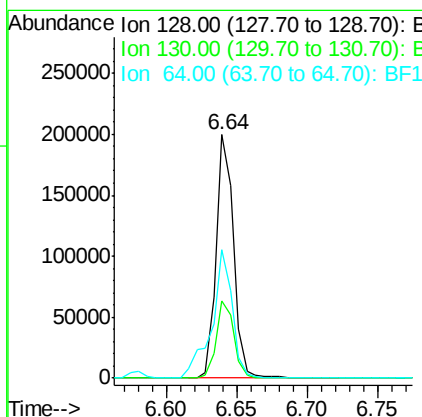
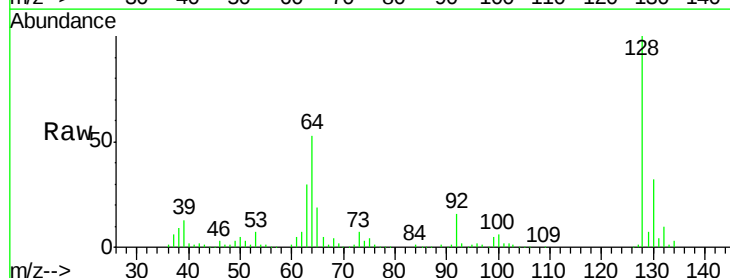
RT: 6.64 min Scan# 774

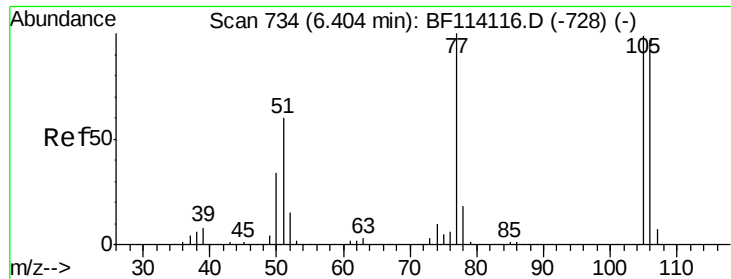
Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Tgt Ion:	128	Resp:	170427
Ion Ratio	Lower	Upper	
128	100		
130	31.9	12.6	52.6
64	52.9	35.9	75.9





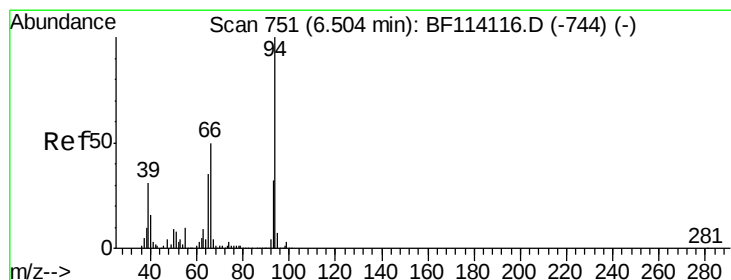
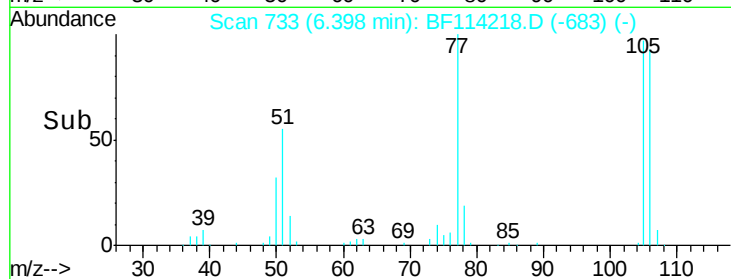
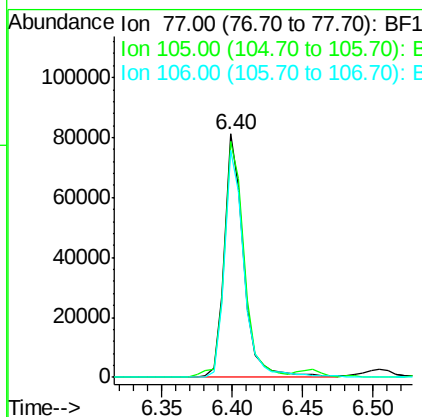
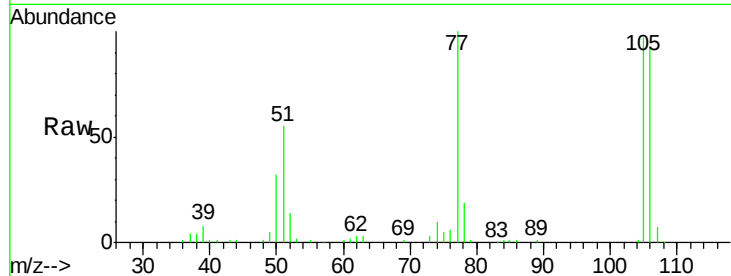
#9
Benzaldehyde
Concen: 5.820 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Instrument :
BNA_F
ClientSampleID :
P026-SS006-0002-01MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	96.9	79.3	119.3		
106	93.5	77.0	117.0		

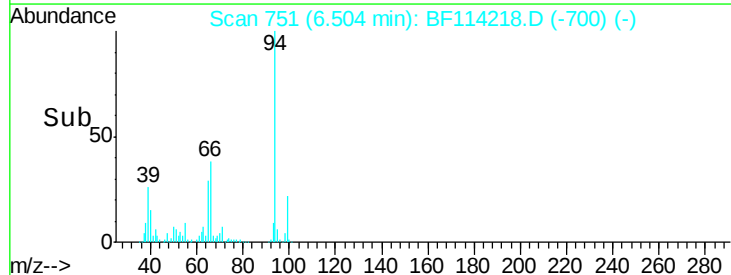
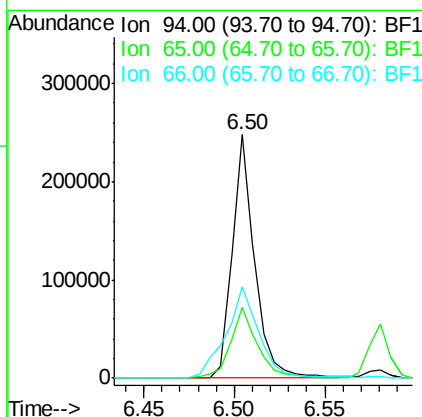
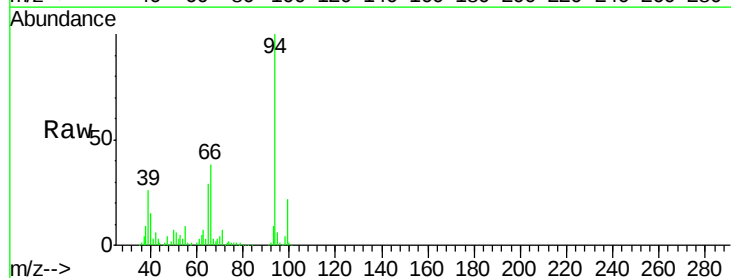
Manual Integrations
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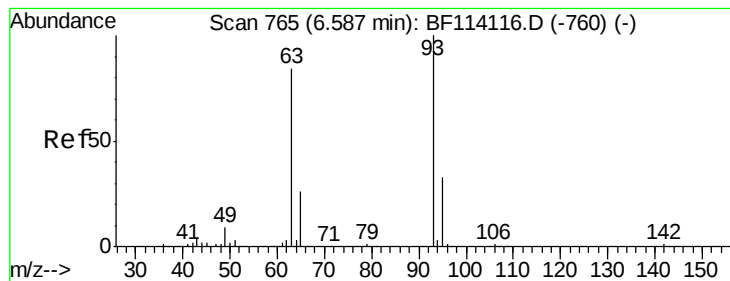
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#10
Phenol
Concen: 9.598 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	29.2	14.7	54.7		
66	37.7	29.6	69.6		





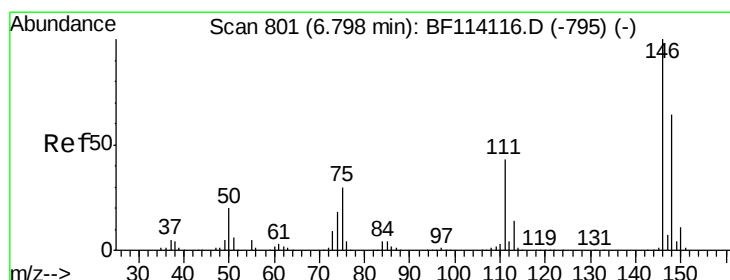
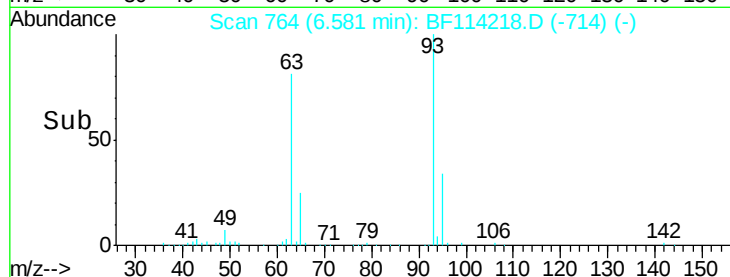
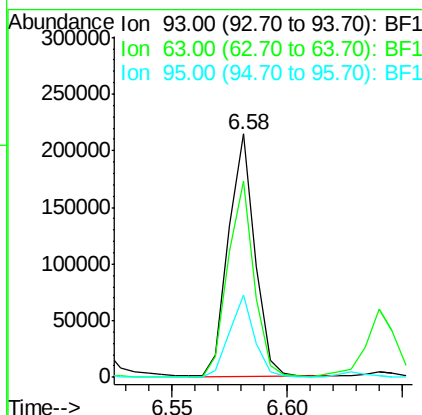
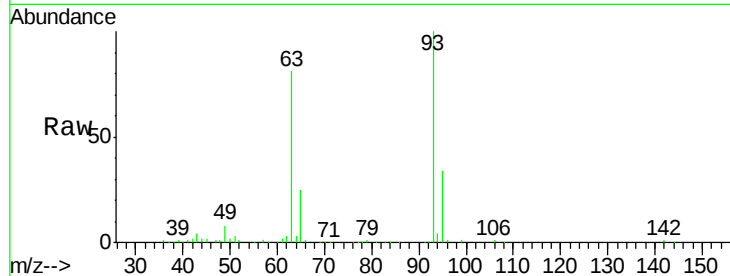
#11
bis(2-Chloroethyl)ether
Concen: 10.102 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
93	100		
63	80.6	63.6	103.6
95	33.6	13.1	53.1

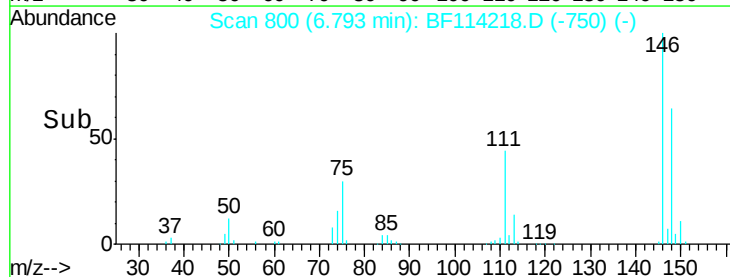
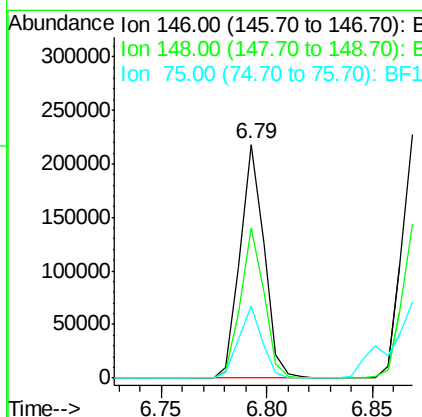
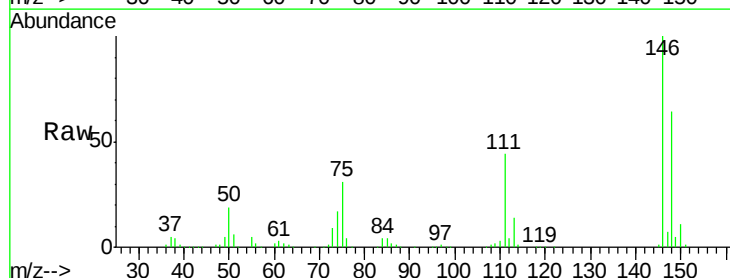
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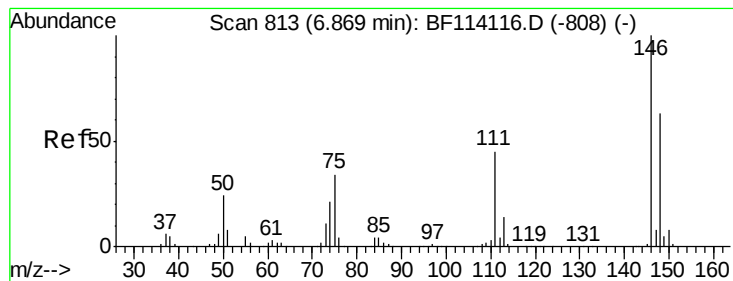
Sohil
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#12
1,3-Dichlorobenzene
Concen: 9.012 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.6	77.4
75	30.9	24.2	36.2





#13

1,4-Dichlorobenzene

Concen: 9.110 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

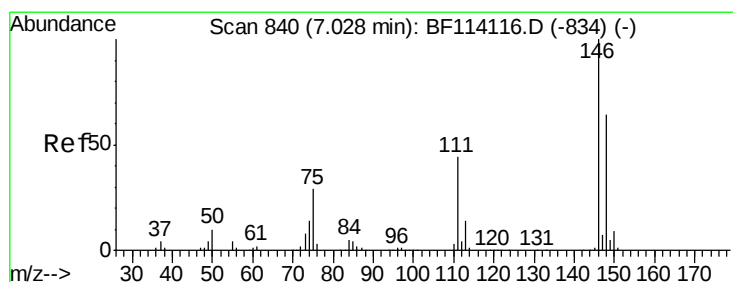
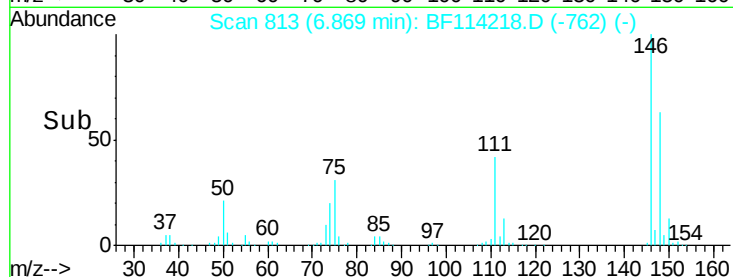
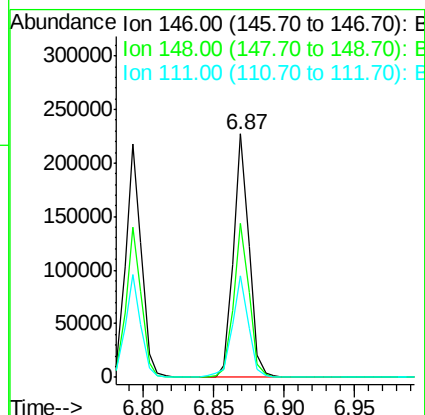
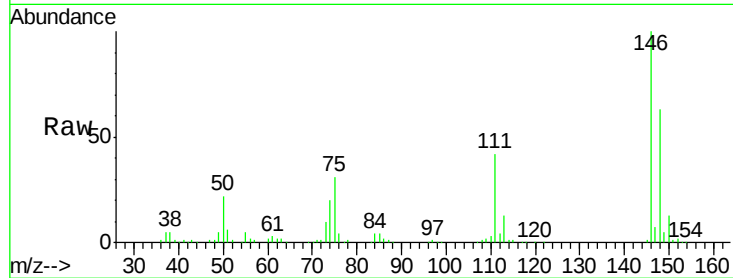
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	146	Resp:	175358
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.2	75.2
111	41.8	35.8	53.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 9.558 ng

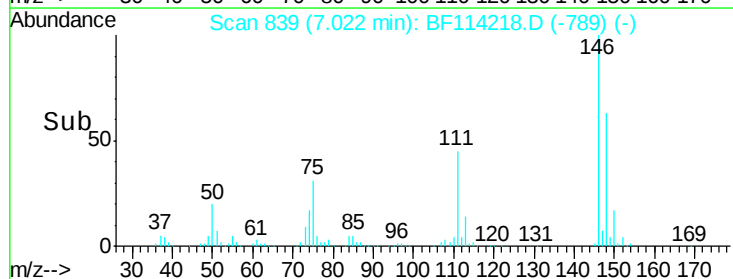
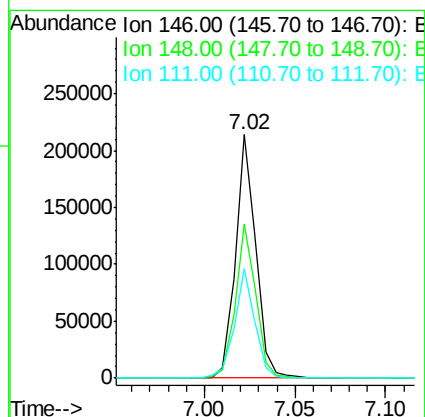
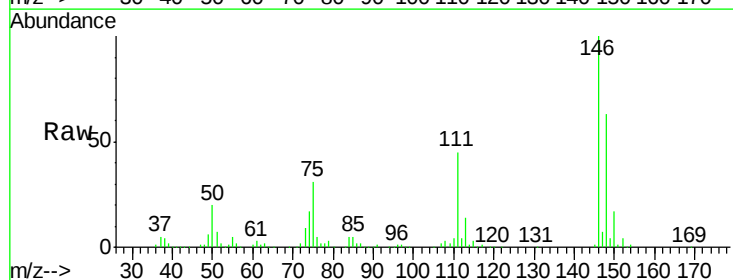
RT: 7.02 min Scan# 839

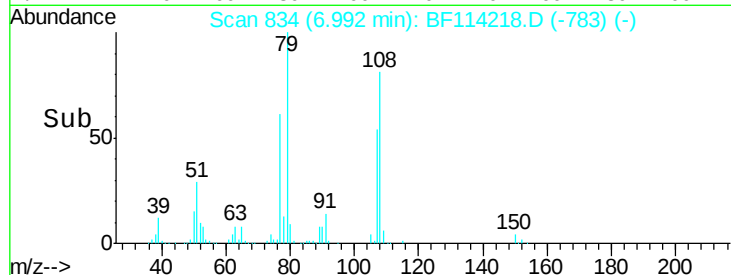
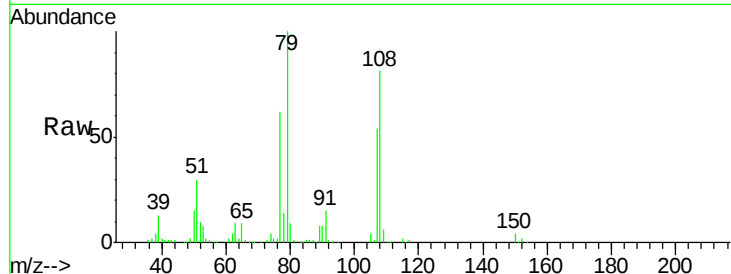
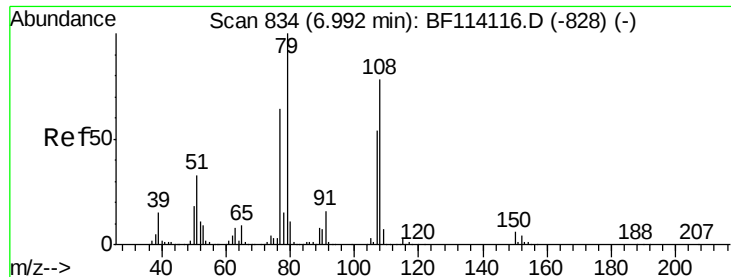
Delta R.T. -0.01 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Tgt Ion:	146	Resp:	167192
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.1	76.7
111	45.0	35.3	52.9





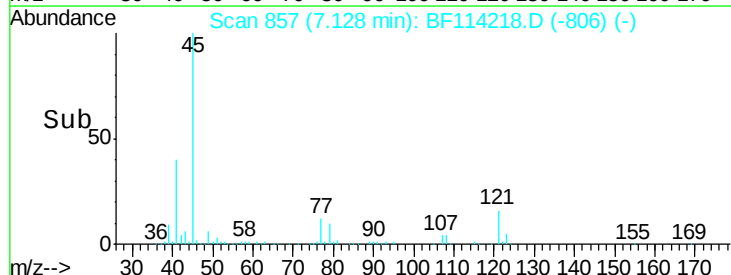
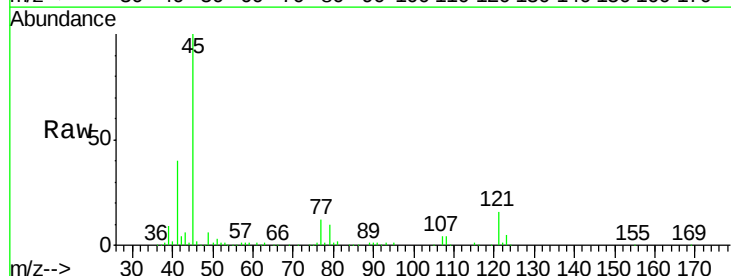
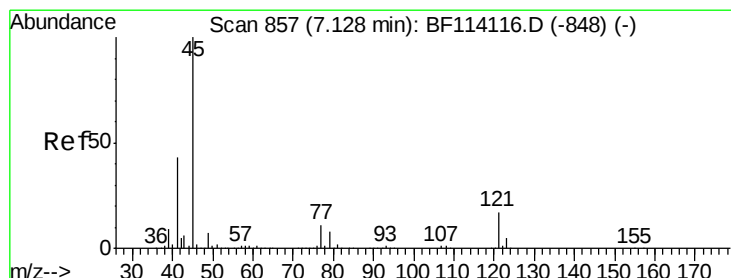
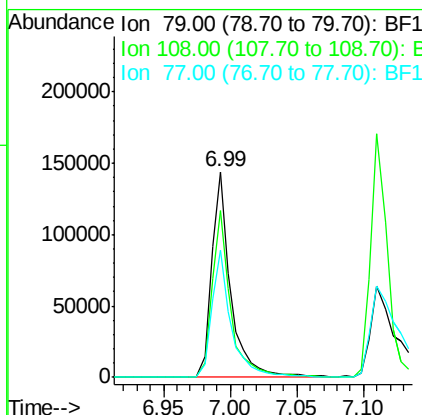
#15
Benzyl Alcohol
Concen: 9.798 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.8	62.1	93.1
77	61.8	51.0	76.6

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

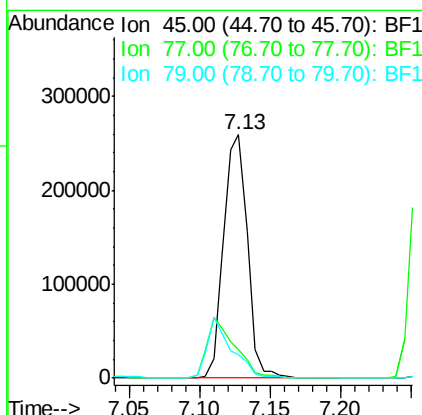
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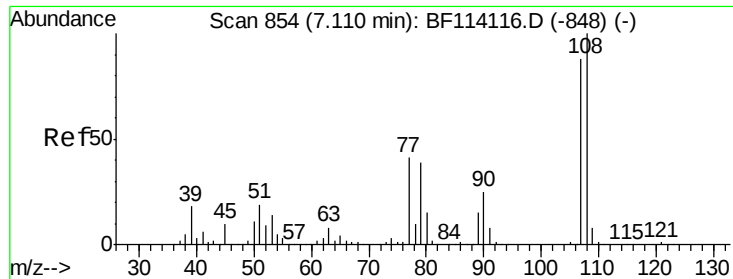
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 9.287 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.9	0.0	31.1
79	9.8	0.0	28.4





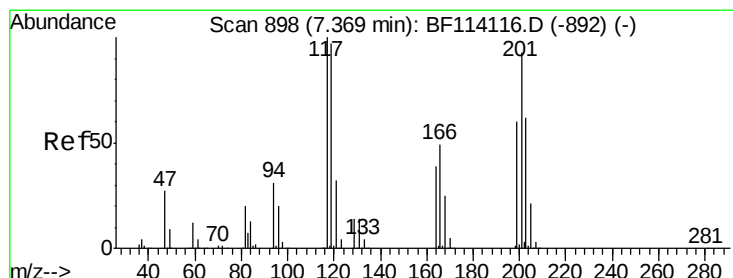
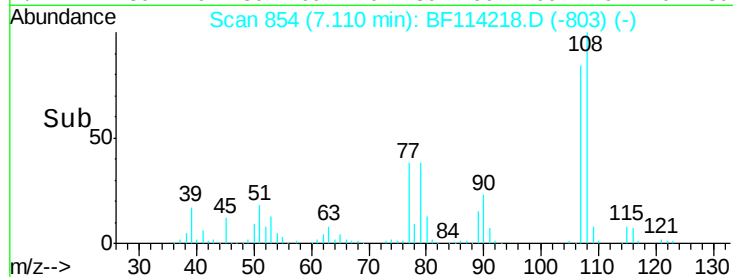
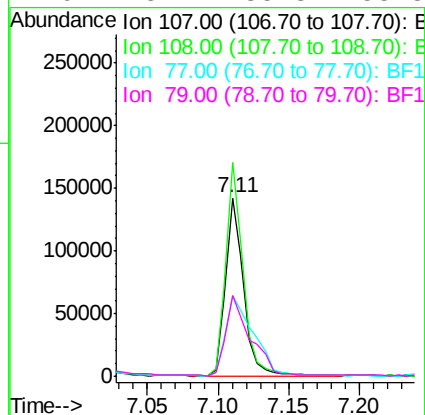
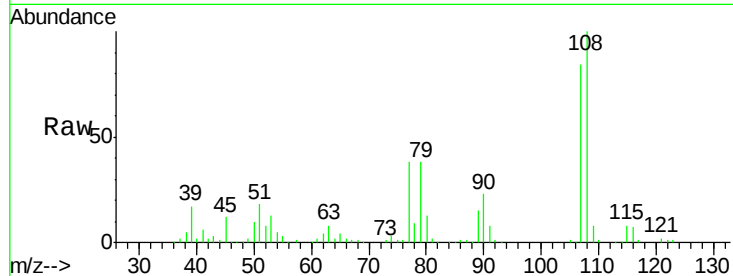
#17
2-Methylphenol
Concen: 9.007 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	119.6	90.5	135.7	
77	44.9	37.0	55.4	
79	45.1	35.8	53.8	

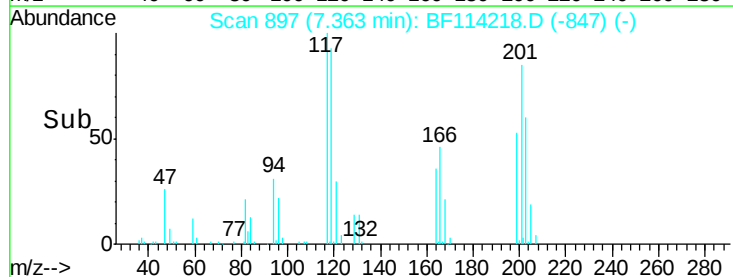
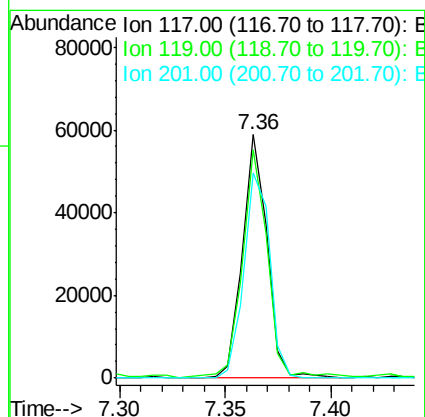
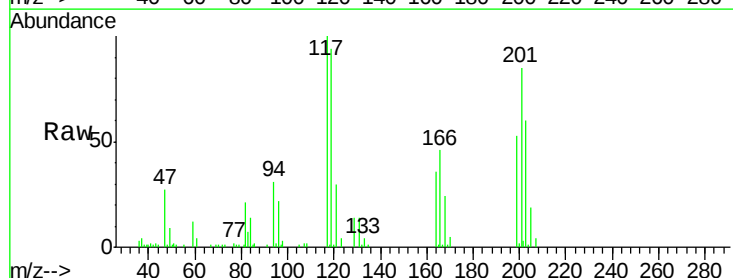
Manual Integrations
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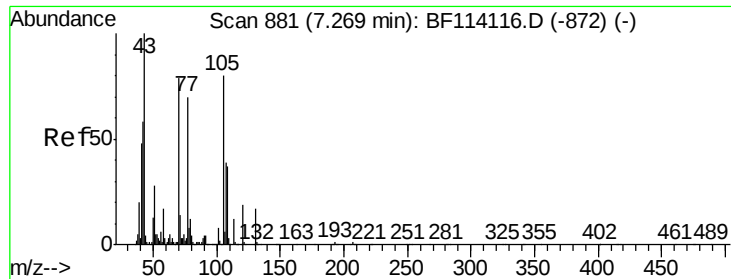
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#18
Hexachloroethane
Concen: 6.580 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	77.4	116.2	
201	84.5	74.5	111.7	





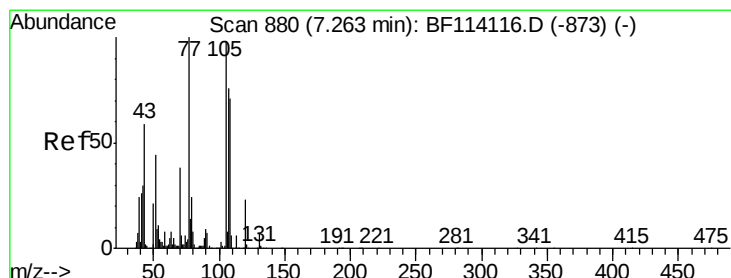
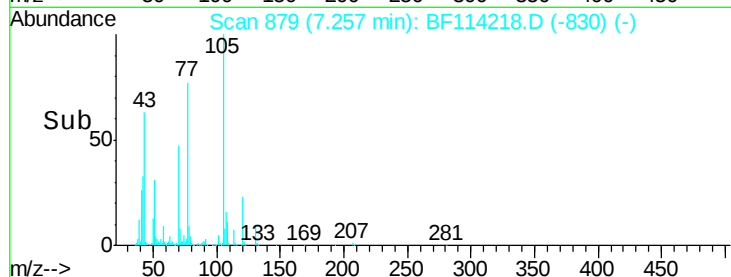
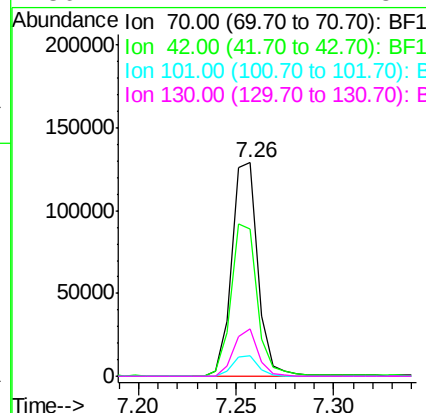
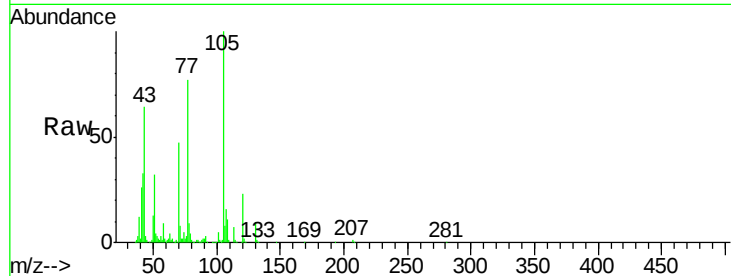
#19
n-Nitroso-di-n-propylamine
Concen: 10.046 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.8	58.6	87.8
101	9.5	7.8	11.8
130	22.1	17.1	25.7

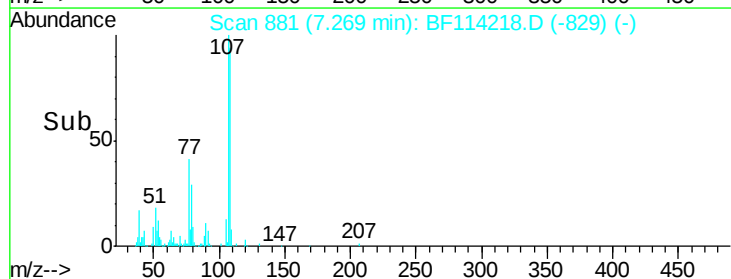
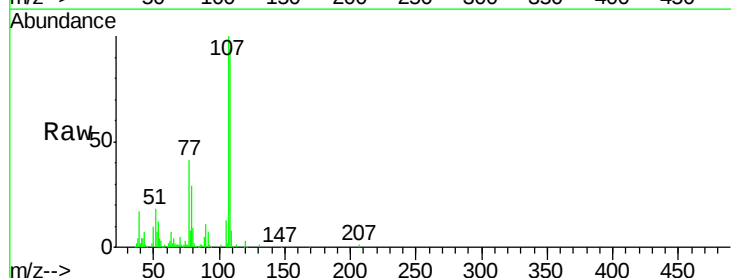
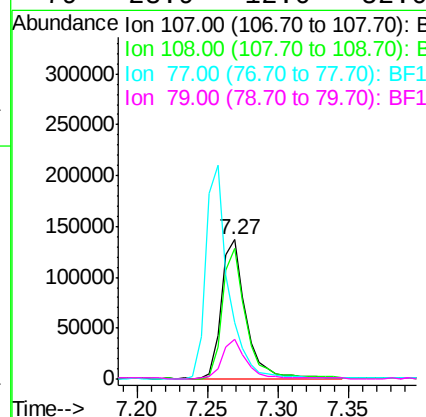
Manual Integrations
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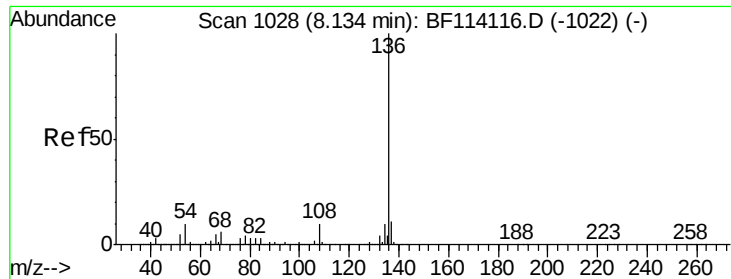
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#20
3+4-Methylphenols
Concen: 10.216 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.2	73.8	113.8
77	40.6	111.5	151.5#
79	28.9	12.0	52.0





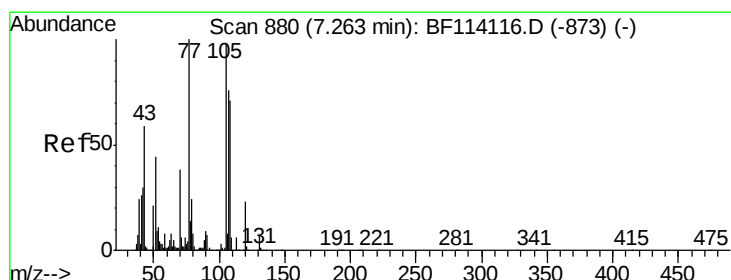
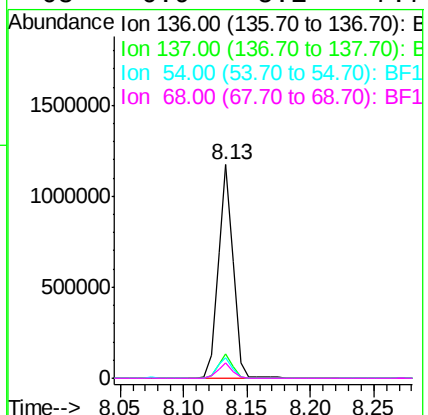
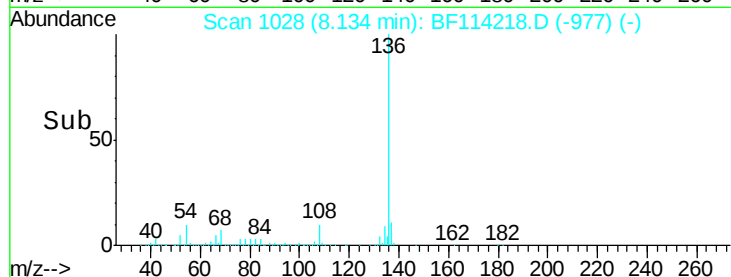
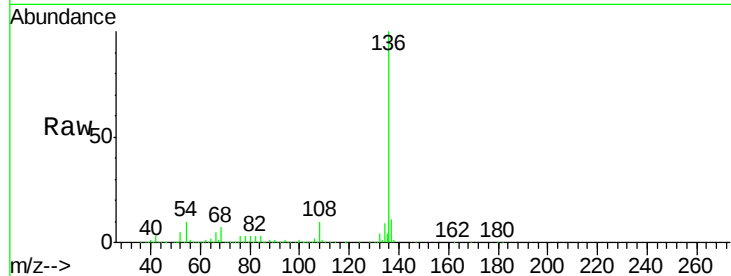
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		973861		
137	11.3		8.8	13.2	
54	9.8		7.8	11.8	
68	6.9		5.1	7.7	

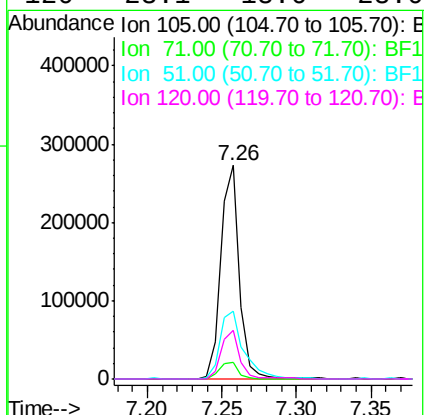
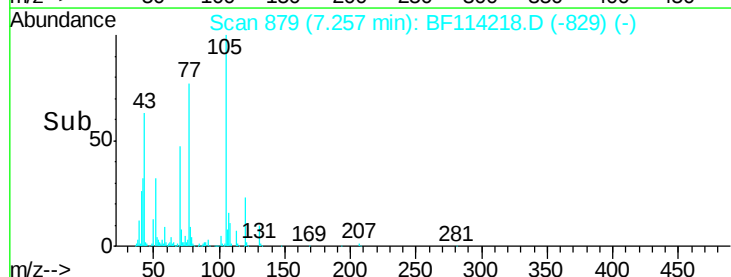
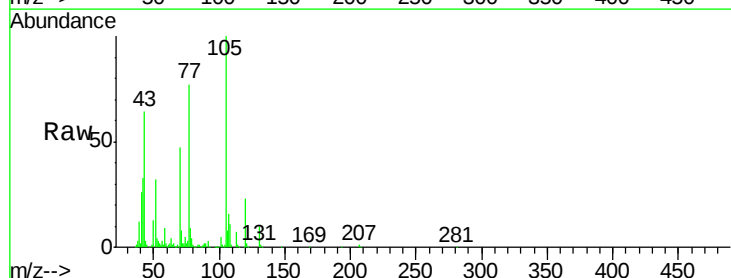
Manual Integrations
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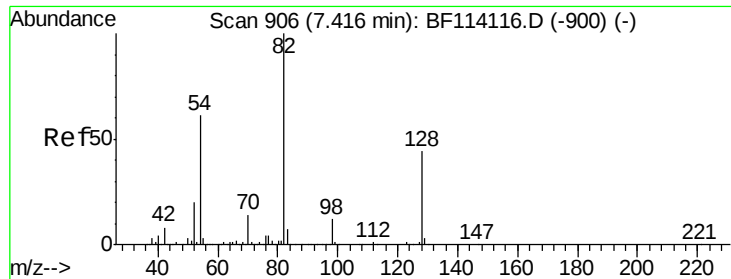
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#22
Acetophenone
Concen: 11.120 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		240183		
71	7.7		5.3	7.9	
51	31.6		36.2	54.4#	
120	23.1		18.6	28.0	





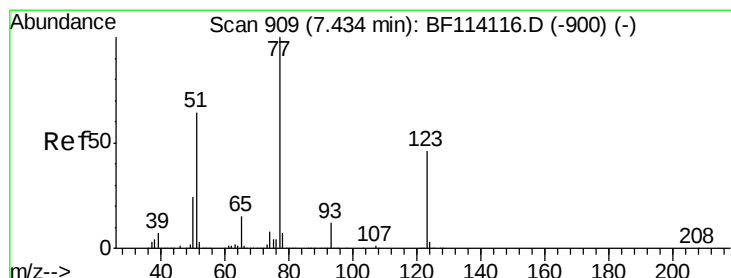
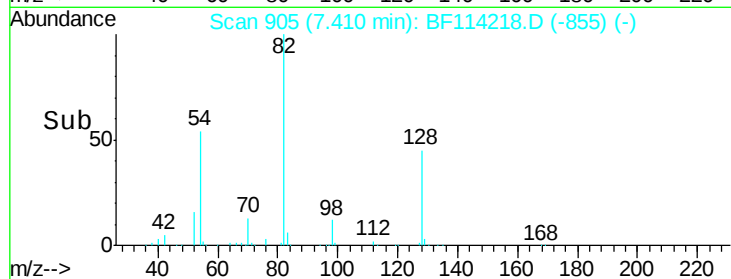
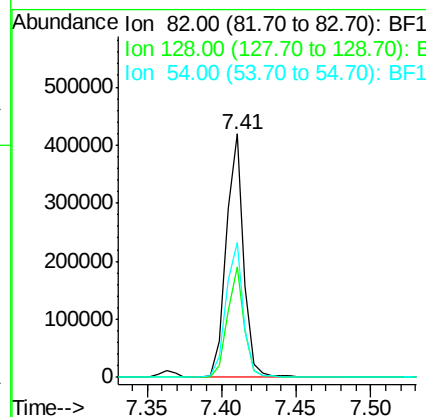
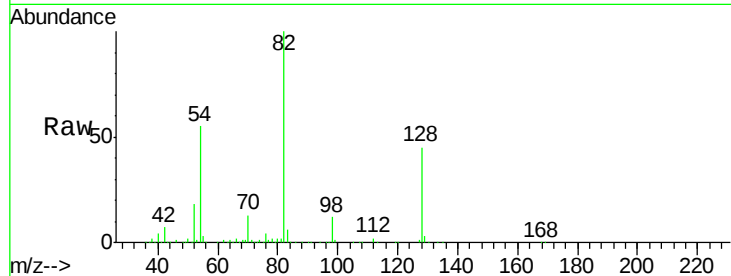
#23
Nitrobenzene-d5
Concen: 19.993 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.5	53.3
54	55.3	48.5	72.7

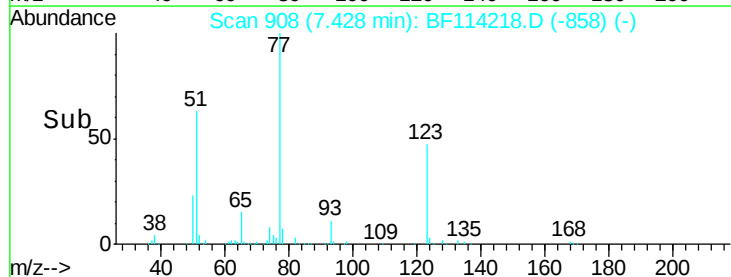
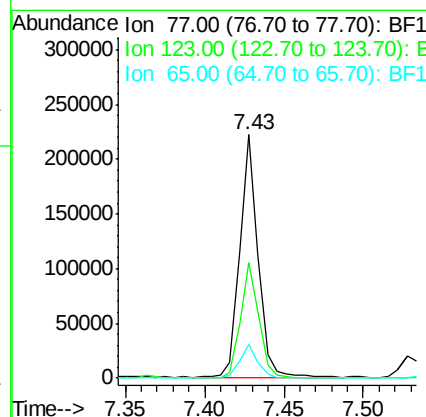
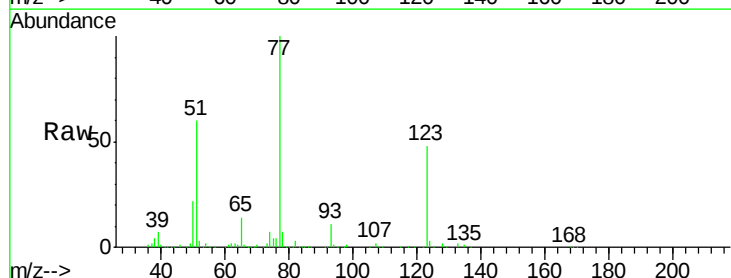
Manual Integrations
APPROVED

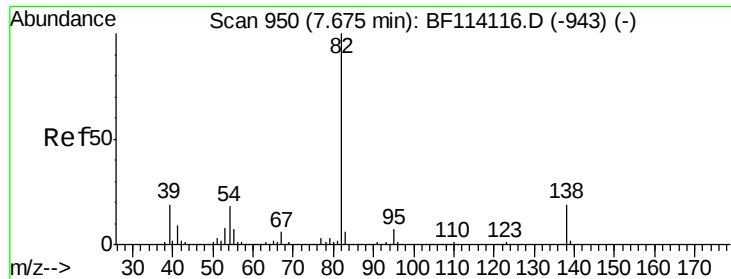
Sohil
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#24
Nitrobenzene
Concen: 10.005 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	36.9	55.3
65	13.8	11.8	17.6





#25

Isophorone

Concen: 10.050 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

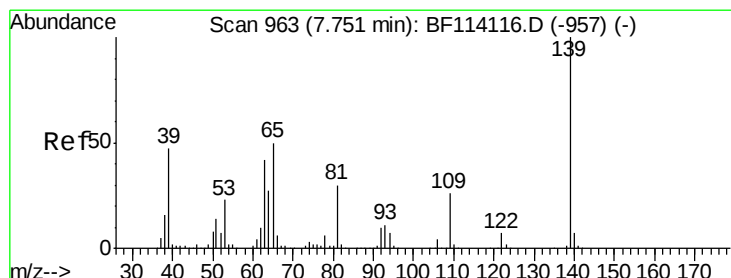
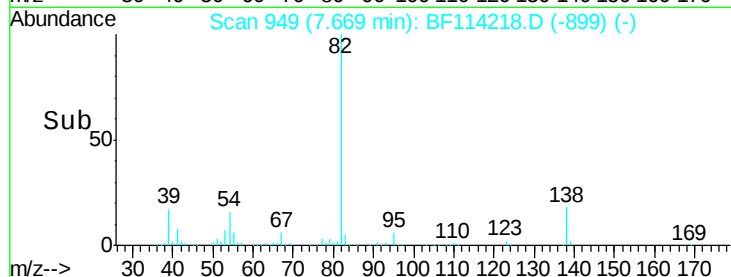
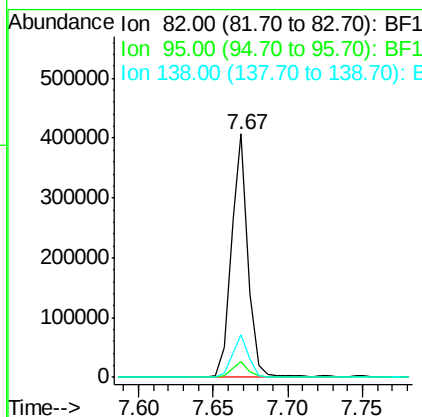
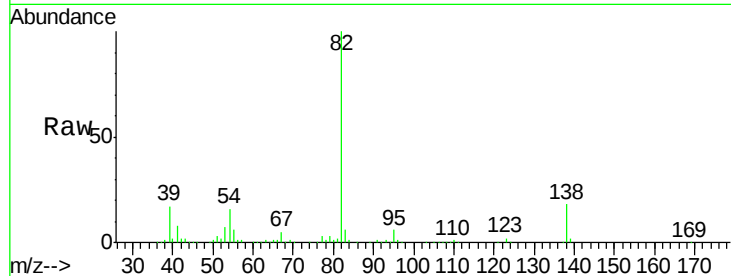
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	82	Resp:	320331
Ion Ratio	Lower	Upper	
82	100		
95	6.2	5.6	8.4
138	17.7	14.8	22.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 9.941 ng

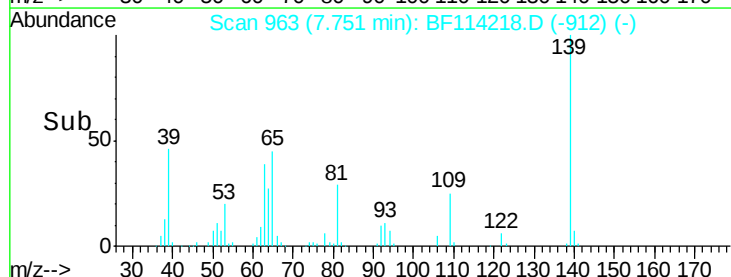
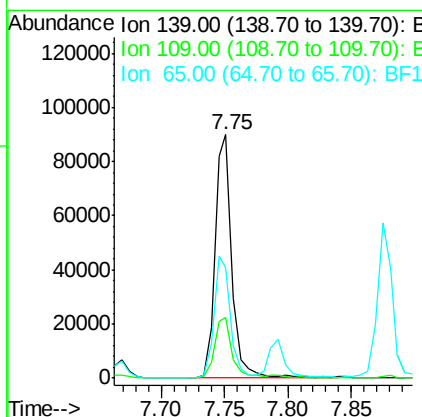
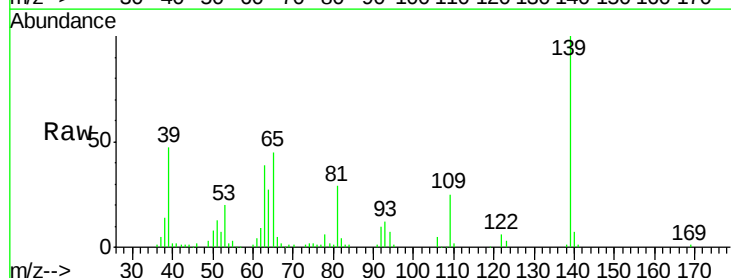
RT: 7.75 min Scan# 963

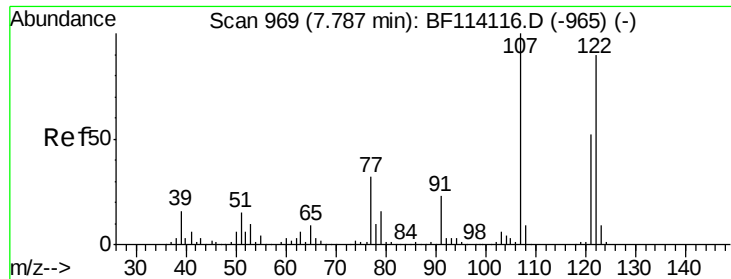
Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Tgt Ion:	139	Resp:	84727
Ion Ratio	Lower	Upper	
139	100		
109	24.8	20.7	31.1
65	45.3	40.2	60.2





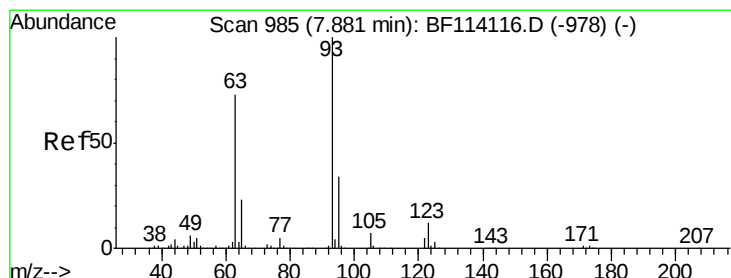
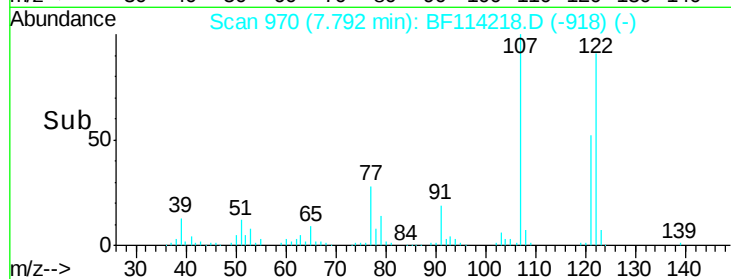
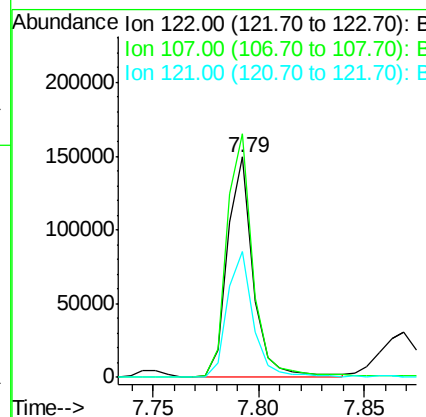
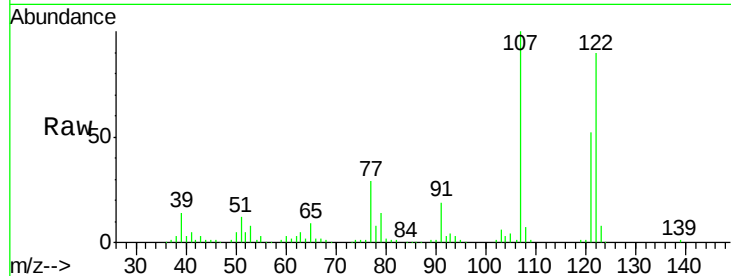
#27
2,4-Dimethylphenol
Concen: 9.318 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Resp	Lower	Upper
122	100	125645		
107	110.5	88.4	132.6	
121	57.3	45.9	68.9	

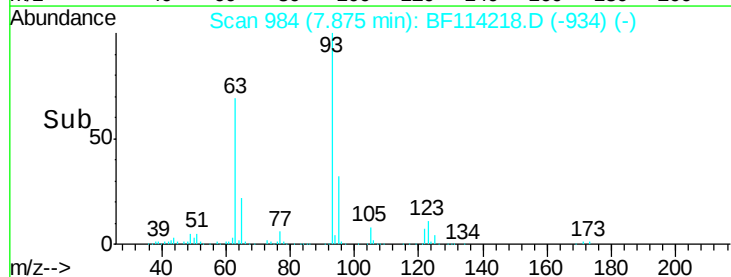
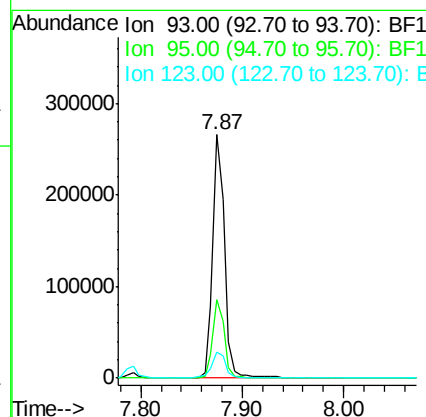
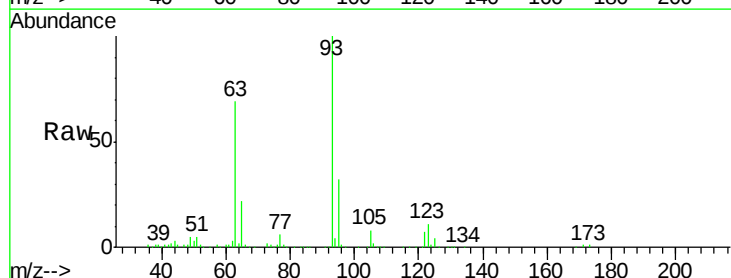
Manual Integrations
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#28
bis(2-Chloroethoxy)methane
Concen: 10.420 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	217579		
95	32.2	26.8	40.2	
123	10.8	9.5	14.3	





#29

2,4-Dichlorophenol

Concen: 9.910 ng

RT: 8.00 min Scan# 1005

Delta R.T. 0.01 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

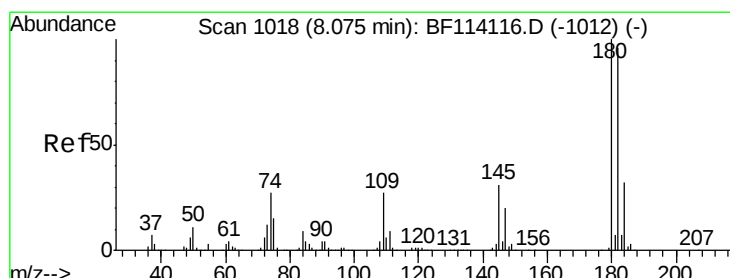
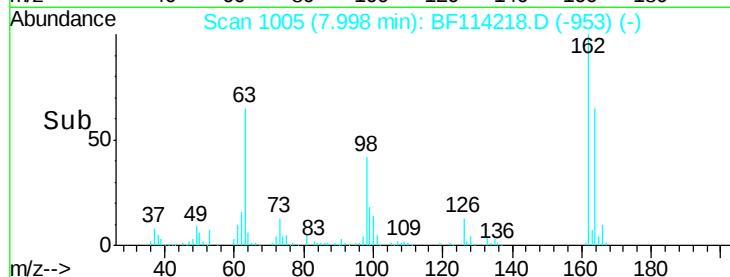
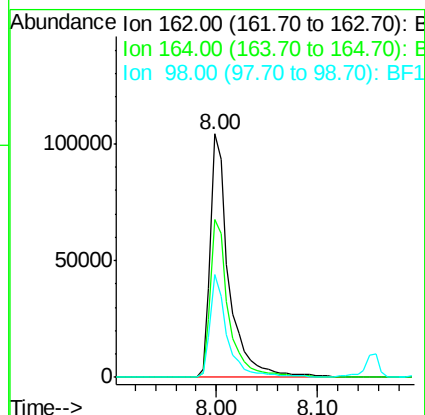
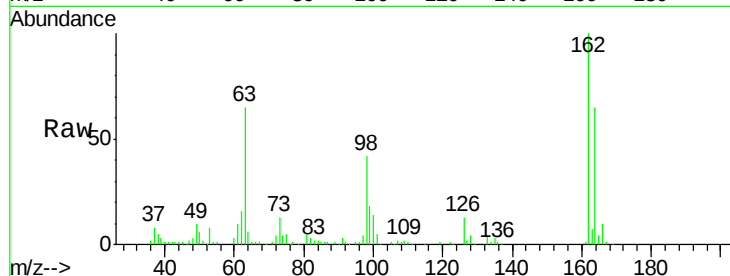
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	162	Resp:	133060
Ion Ratio	Lower	Upper	
162	100		
164	65.0	43.6	83.6
98	42.2	20.6	60.6

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#30

1,2,4-Trichlorobenzene

Concen: 9.376 ng

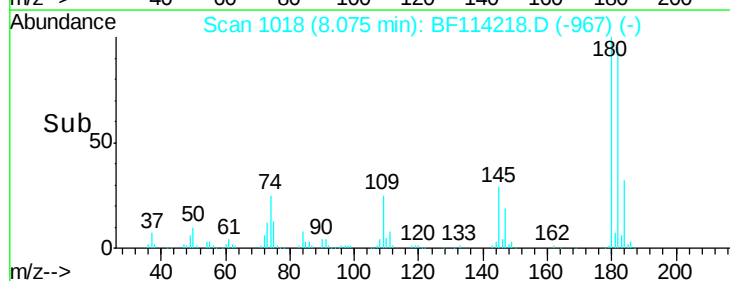
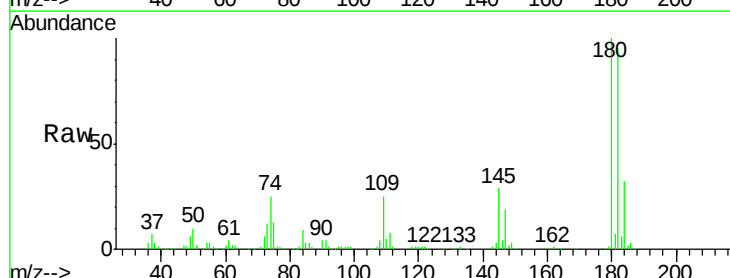
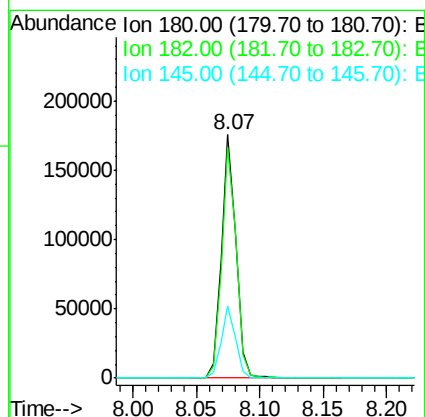
RT: 8.07 min Scan# 1018

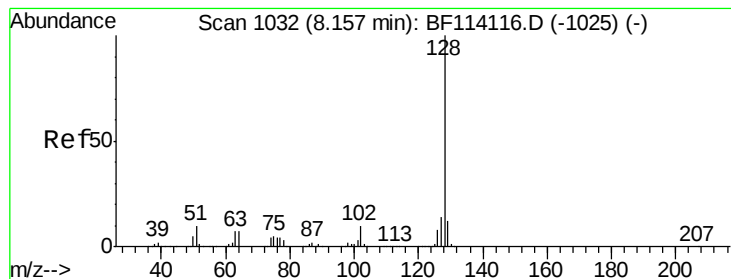
Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Tgt Ion:	180	Resp:	143078
Ion Ratio	Lower	Upper	
180	100		
182	94.9	76.6	114.8
145	29.5	25.1	37.7





#31

Naphthalene

Concen: 14.946 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

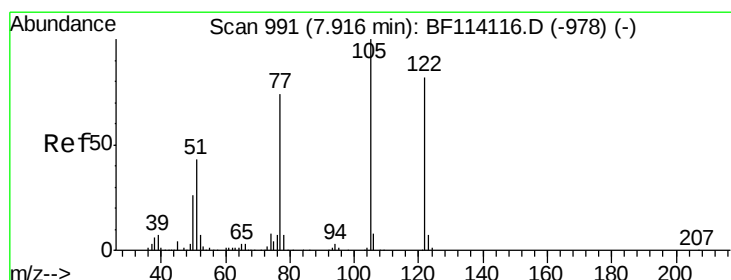
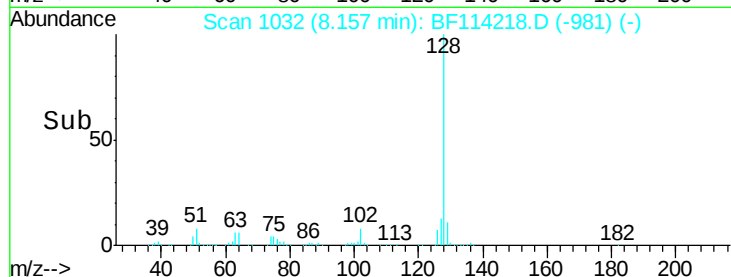
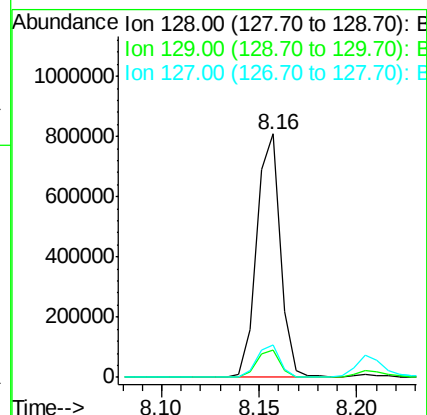
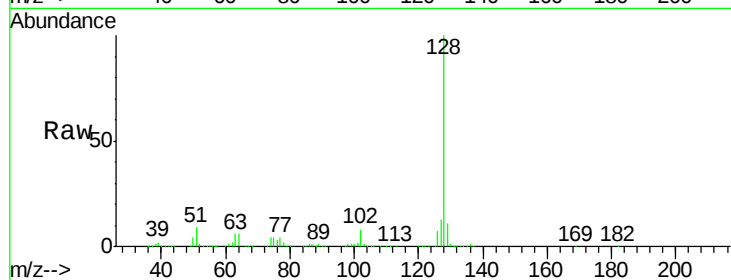
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	128	Resp:	679893
Ion Ratio	Lower	Upper	
128	100		
129	11.2	9.6	14.4
127	13.1	11.3	16.9

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#32

Benzoic acid

Concen: 6.516 ng

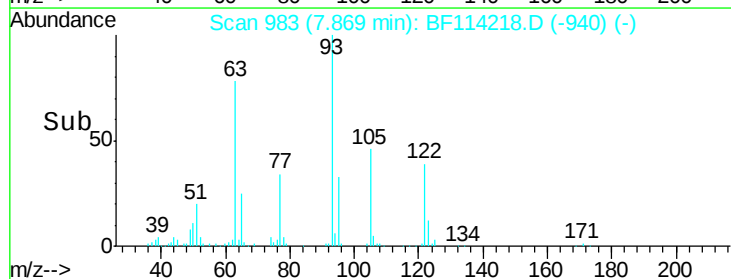
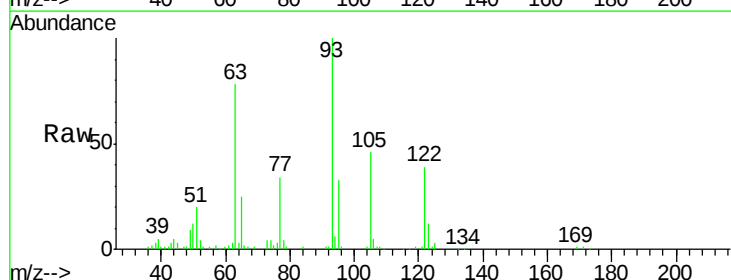
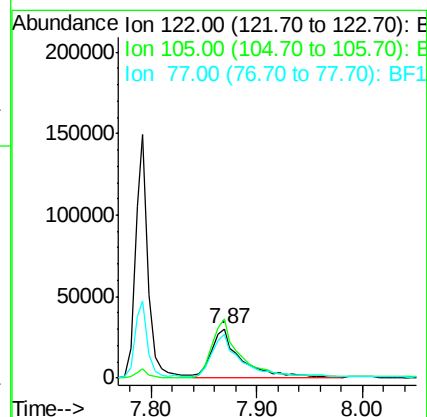
RT: 7.87 min Scan# 983

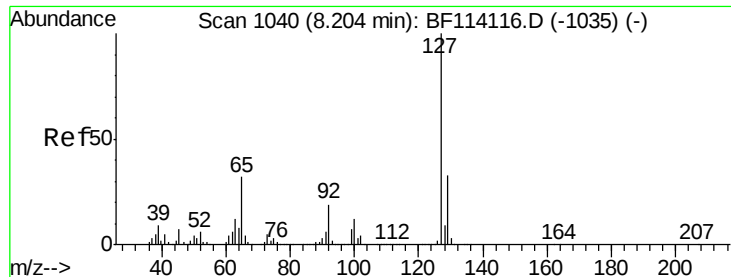
Delta R.T. -0.05 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Tgt Ion:	122	Resp:	57105
Ion Ratio	Lower	Upper	
122	100		
105	119.8	99.9	139.9
77	88.7	69.4	109.4





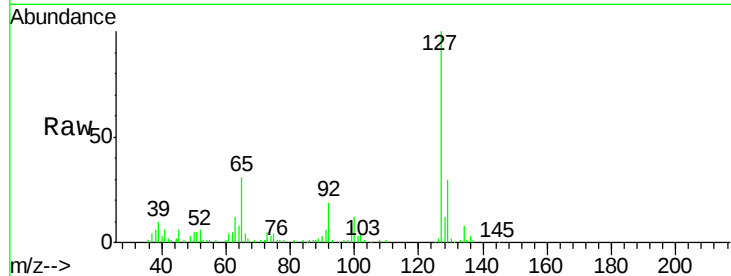
#33
4-Chloroaniline
Concen: 4.003 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

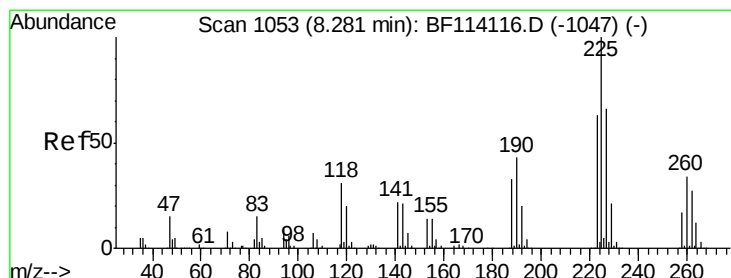
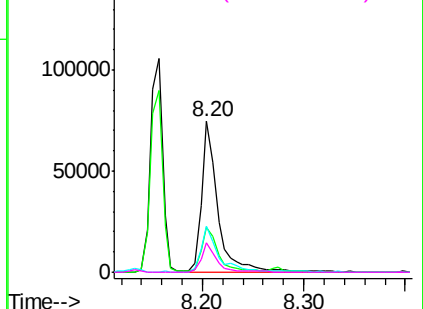
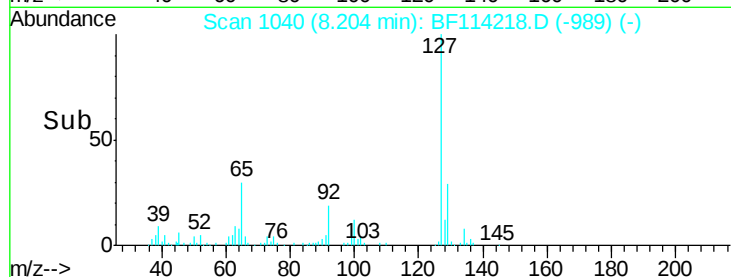
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		82864		
129	30.0		26.7	40.1	
65	30.9		25.4	38.0	
92	19.4		15.4	23.2	

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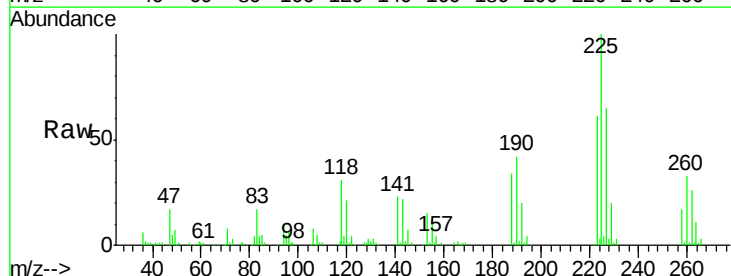


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

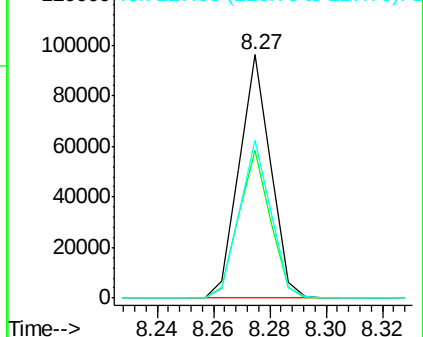
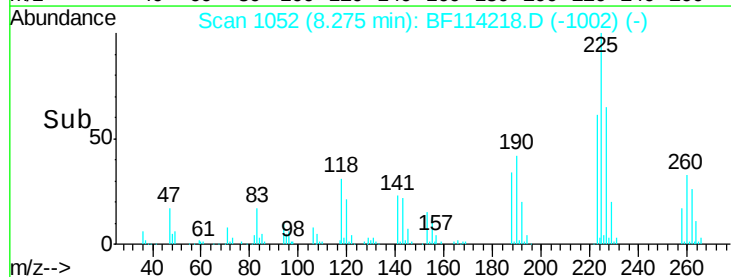


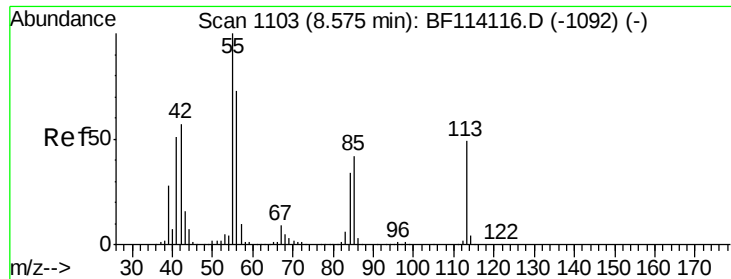
#34
Hexachlorobutadiene
Concen: 8.601 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		74566		
223	60.6		50.2	75.2	
227	64.9		52.6	79.0	



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





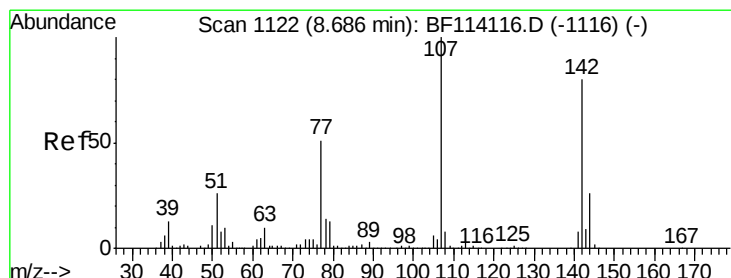
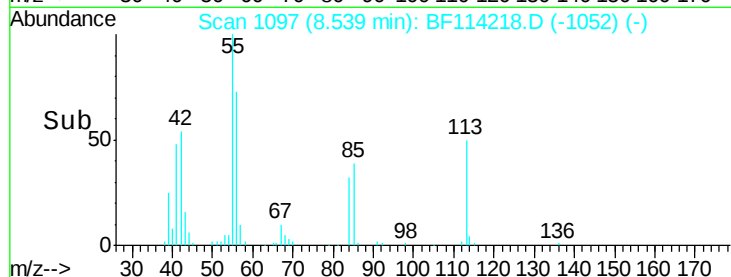
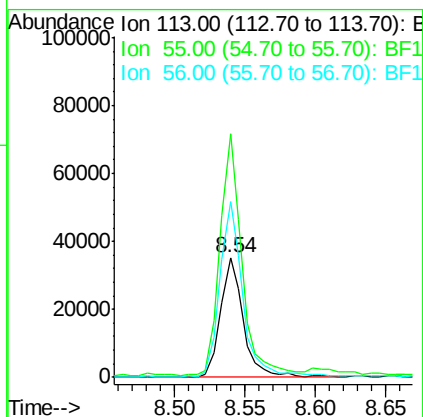
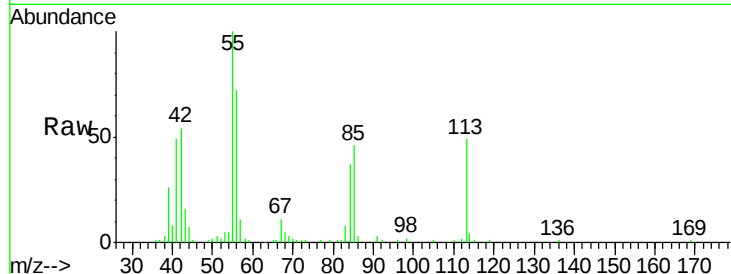
#35
Caprolactam
Concen: 9.055 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.04 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	203.1	183.5	223.5
56	146.6	128.8	168.8

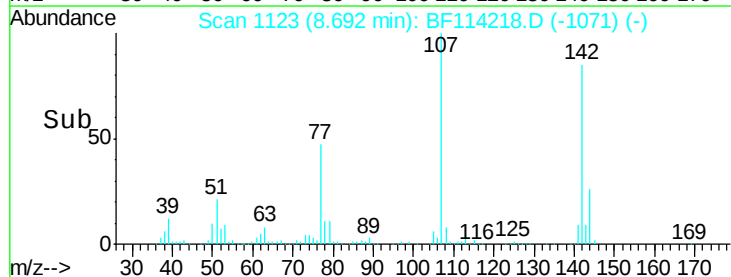
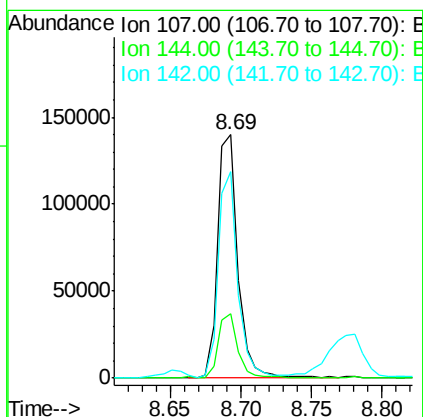
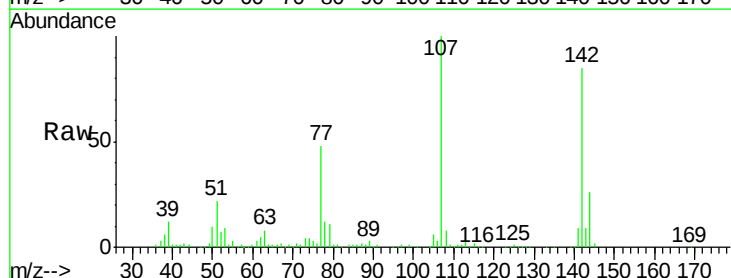
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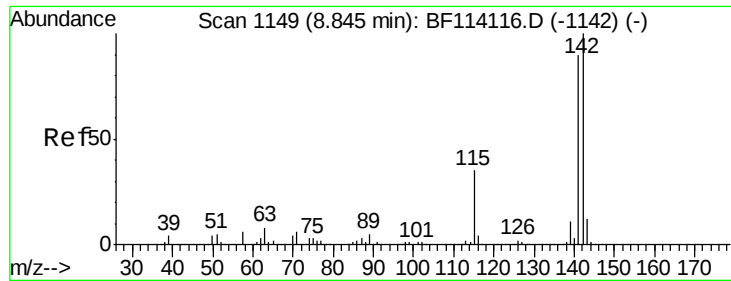
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#36
4-Chloro-3-methylphenol
Concen: 10.233 ng
RT: 8.69 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.5	20.4	30.6
142	84.7	64.2	96.4





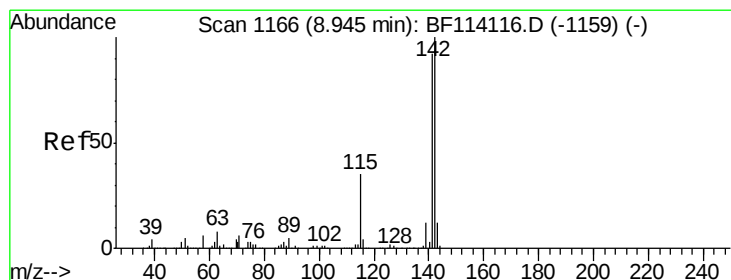
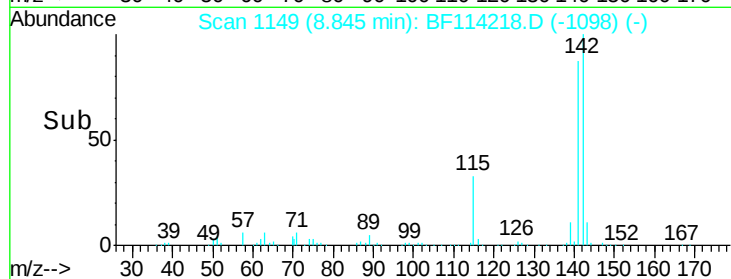
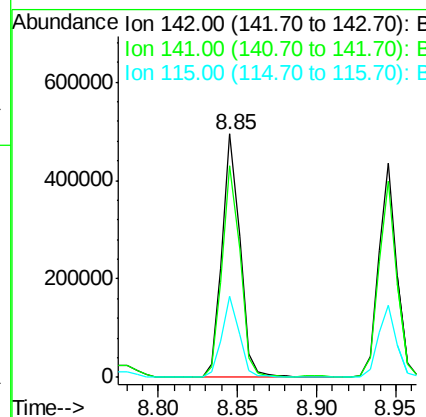
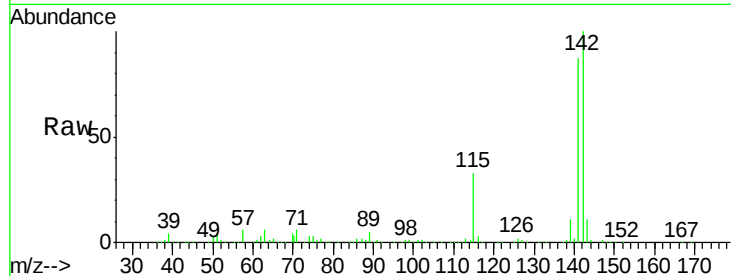
#37
2-Methylnaphthalene
Concen: 13.065 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.1	72.1	108.1
115	33.3	28.0	42.0

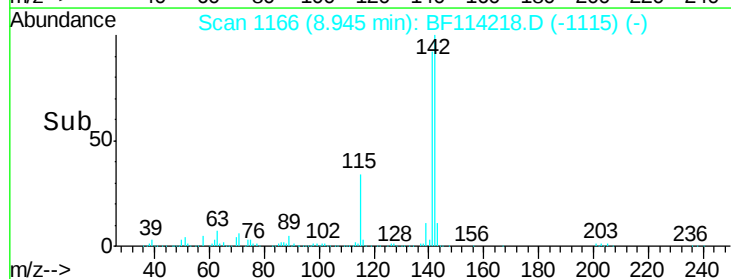
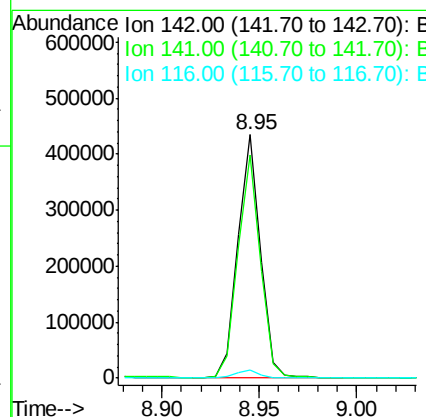
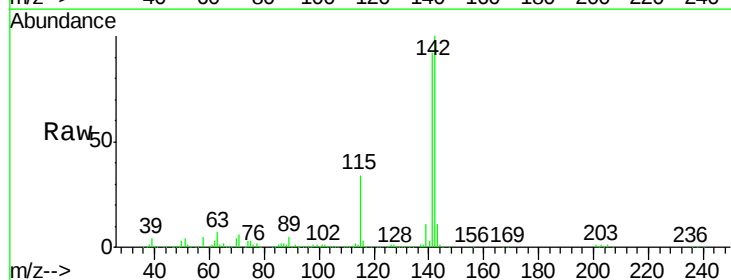
Manual Integrations
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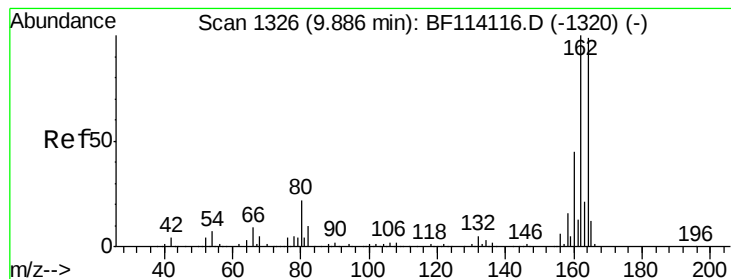
Sohil
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#38
1-Methylnaphthalene
Concen: 12.370 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.4	110.0
116	3.4	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

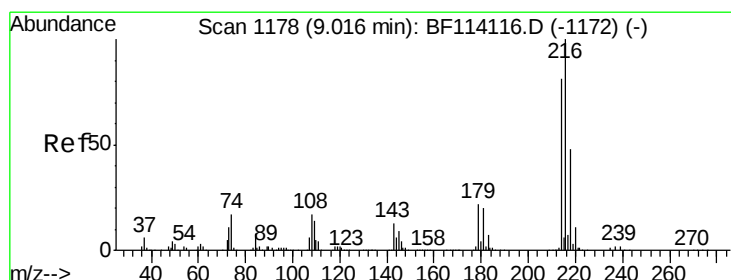
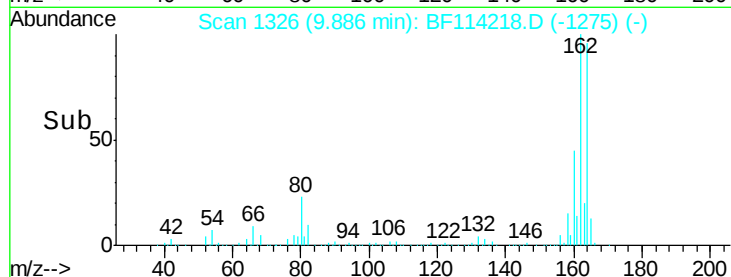
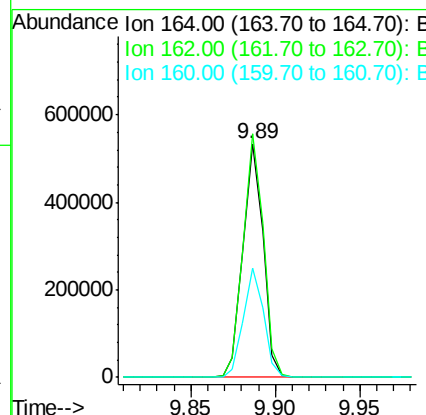
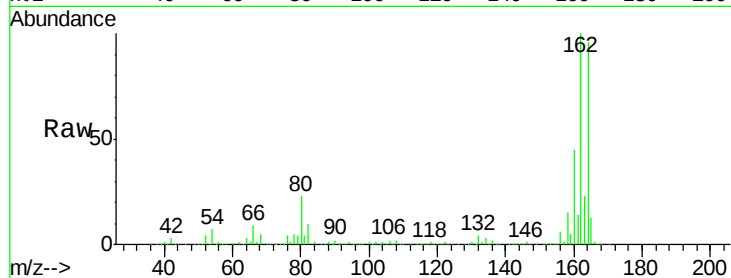
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	164	Resp:	444572
Ion Ratio	Lower	Upper	
164	100		
162	104.2	80.6	120.8
160	46.9	36.5	54.7

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.179 ng

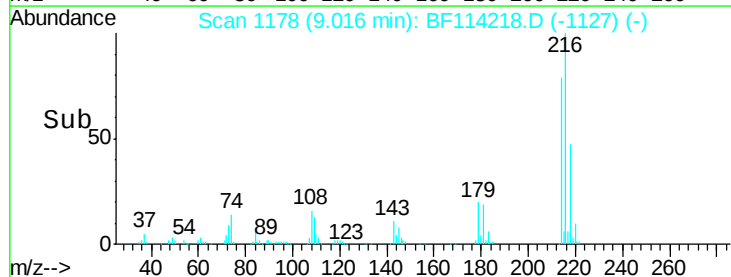
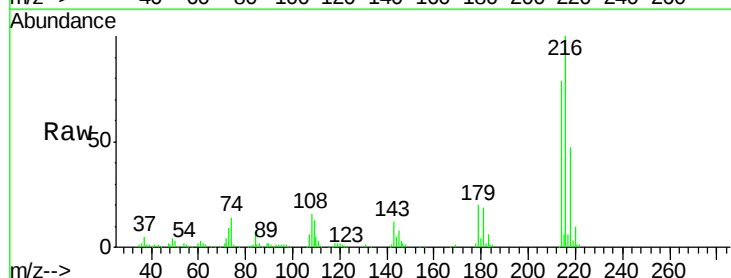
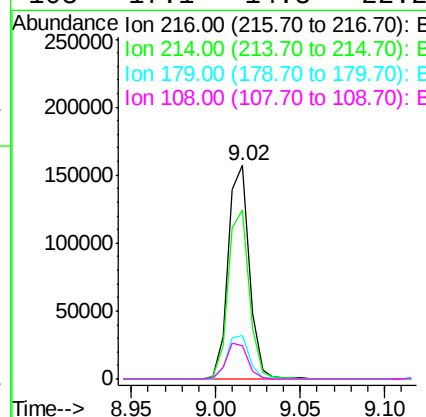
RT: 9.02 min Scan# 1178

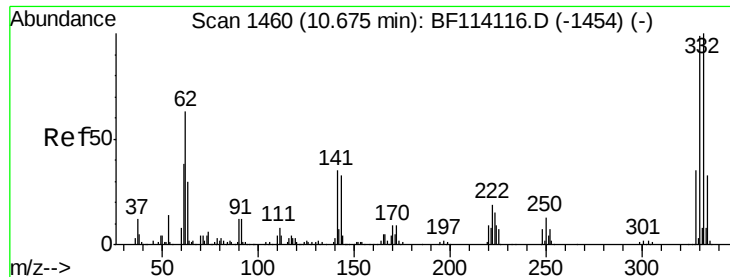
Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Tgt Ion:	216	Resp:	137388
Ion Ratio	Lower	Upper	
216	100		
214	79.0	63.9	95.9
179	21.1	17.0	25.6
108	17.1	14.8	22.2





#42

2,4,6-Tribromophenol

Concen: 24.968 ng

RT: 10.67 min Scan# 1460

Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

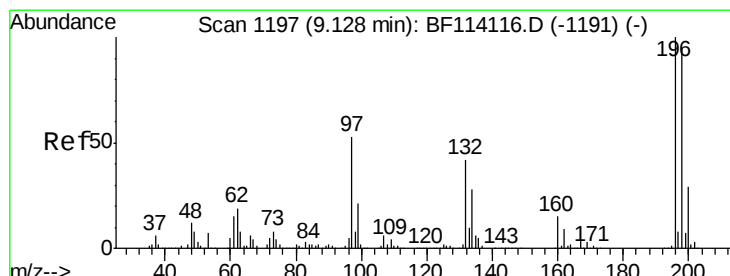
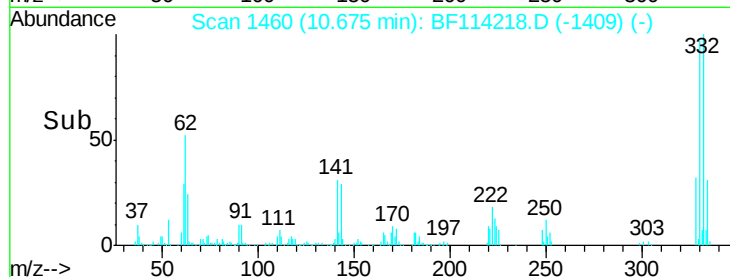
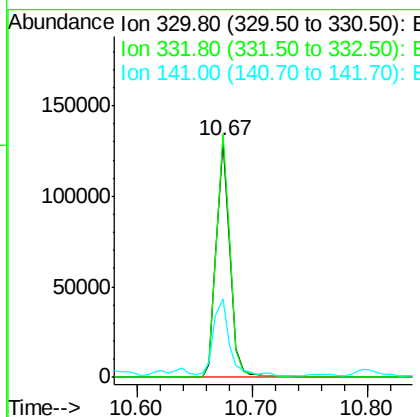
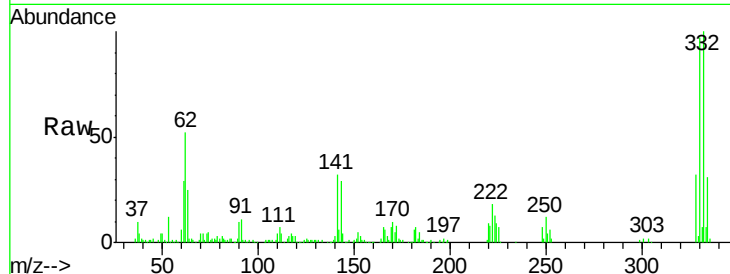
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	330	Resp:	108597
Ion Ratio	Lower	Upper	
330	100		
332	101.5	81.4	122.2
141	37.0	26.6	40.0

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#43

2,4,6-Trichlorophenol

Concen: 9.806 ng

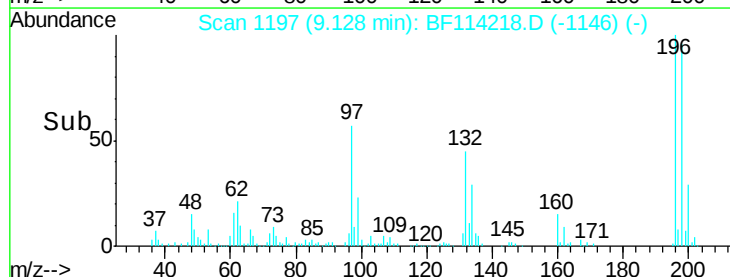
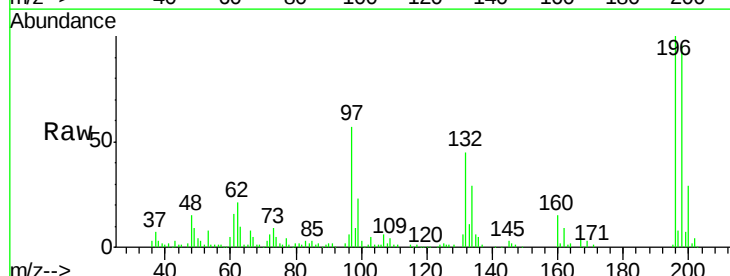
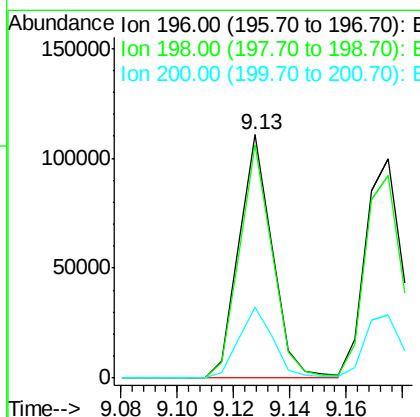
RT: 9.13 min Scan# 1197

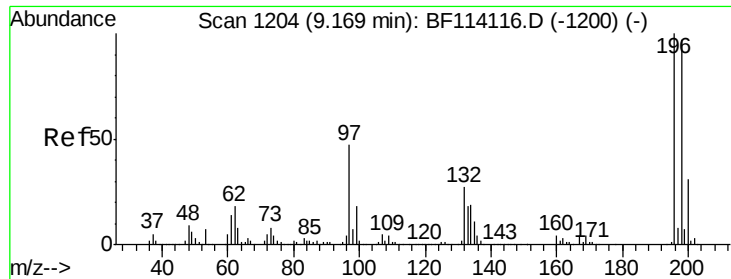
Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Tgt Ion:	196	Resp:	91149
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.9	113.9
200	29.1	23.5	35.3





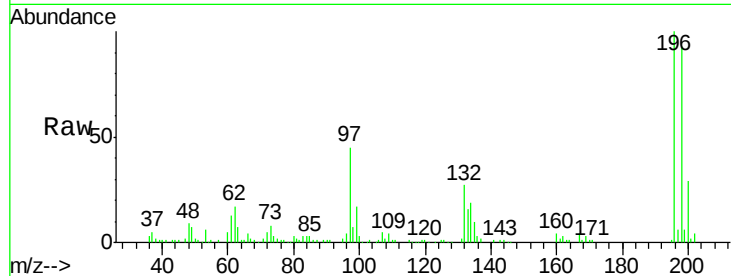
#44
 2,4,5-Trichlorophenol
 Concen: 10.273 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114218.D
 Acq: 13 May 2019 3:25

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

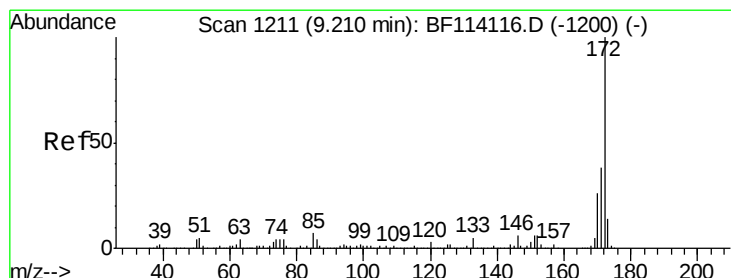
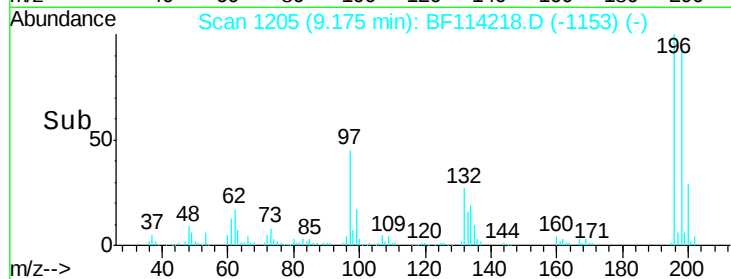
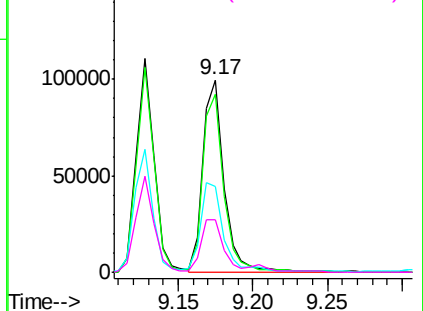
Tot Ion	Ratio	Resp	Lower	Upper
196	100	98017		
198	92.6		77.7	116.5
97	44.6		38.2	57.2
132	27.2		21.4	32.2

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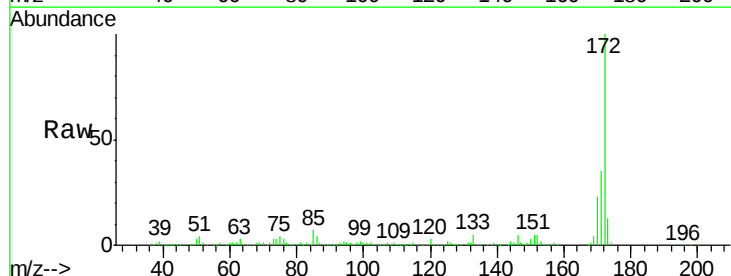


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

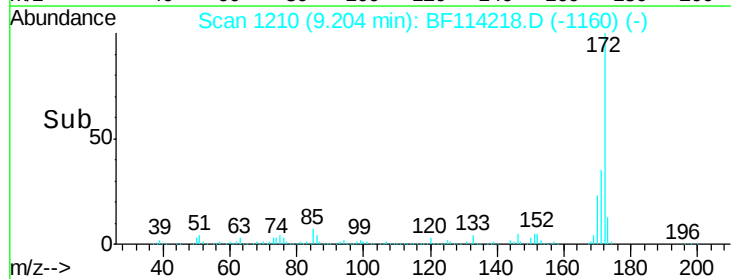
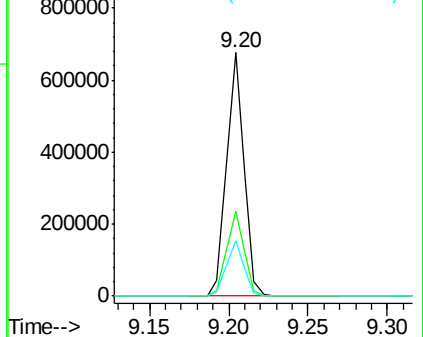


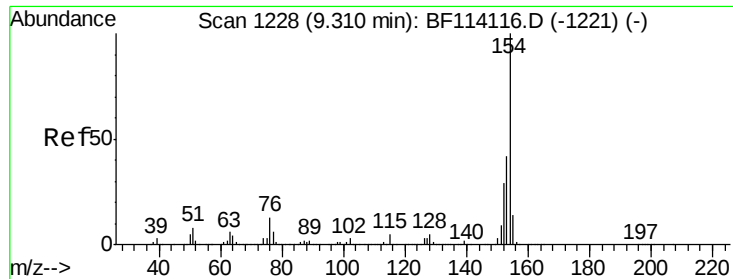
#45
 2-Fluorobiphenyl
 Concen: 18.220 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF114218.D
 Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	515948		
171	35.1		30.7	46.1
170	22.9		20.5	30.7



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





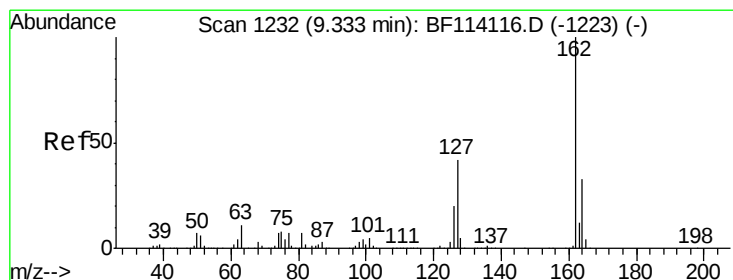
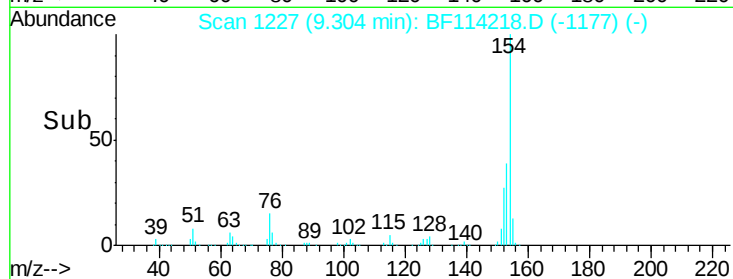
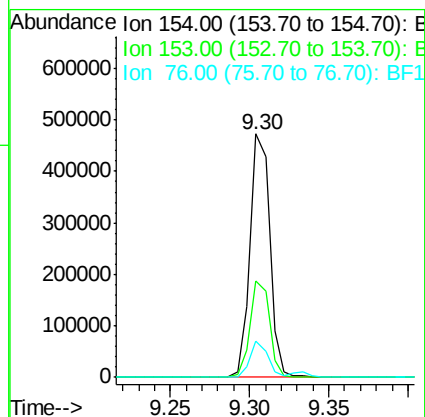
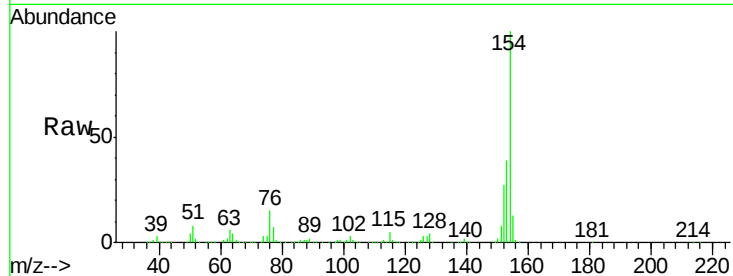
#46
1,1'-Biphenyl
Concen: 11.444 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.4	21.9	61.9
76	14.7	0.0	32.8

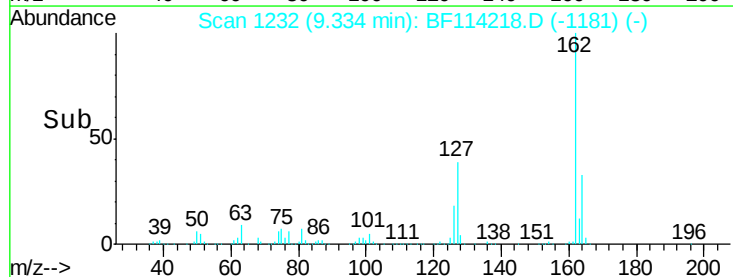
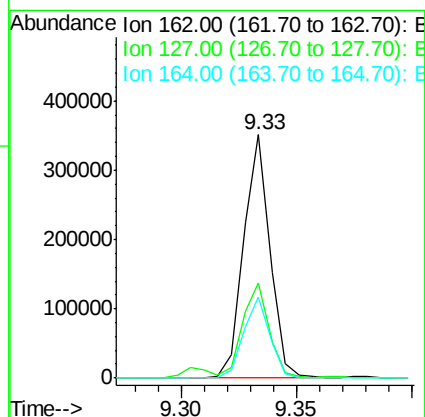
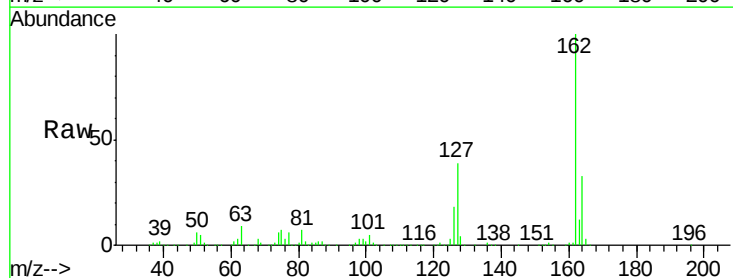
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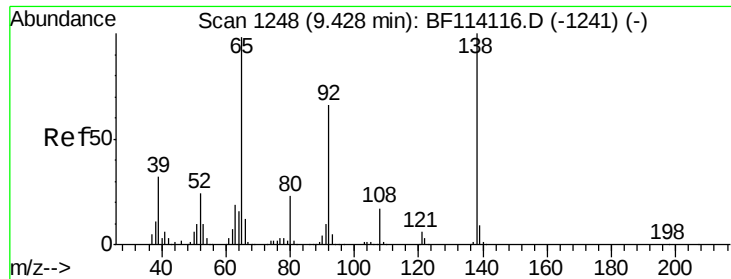
Sohil
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#47
2-Chloronaphthalene
Concen: 9.688 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.9	34.0	51.0
164	33.1	26.7	40.1





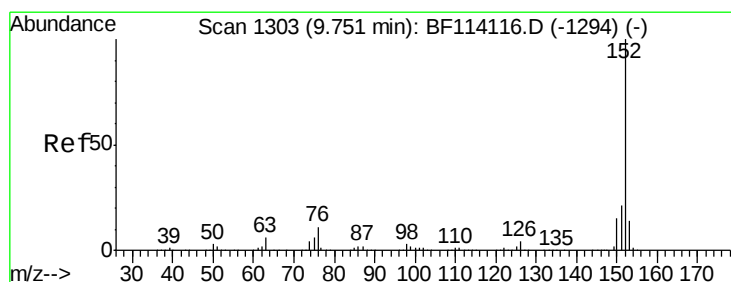
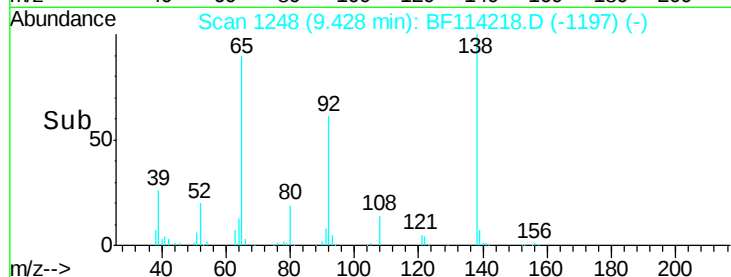
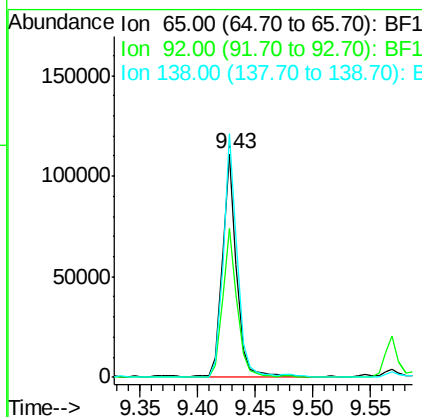
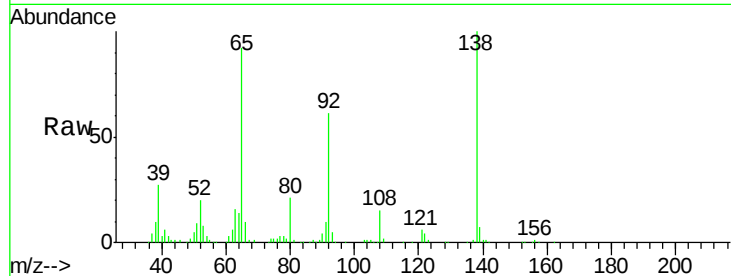
#48
2-Nitroaniline
Concen: 9.079 ng
RT: 9.43 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
65	100		
92	66.6	53.9	80.9
138	109.0	81.4	122.0

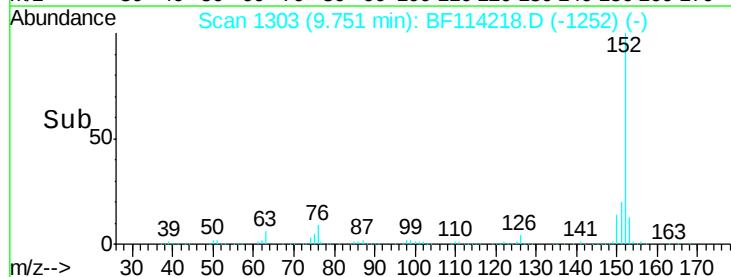
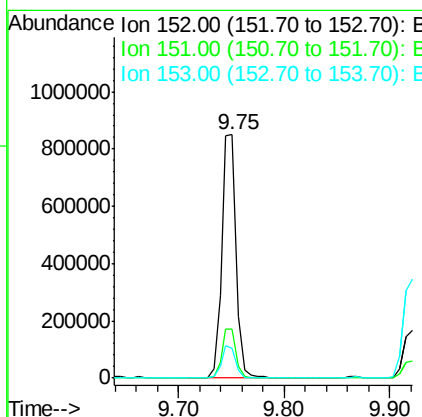
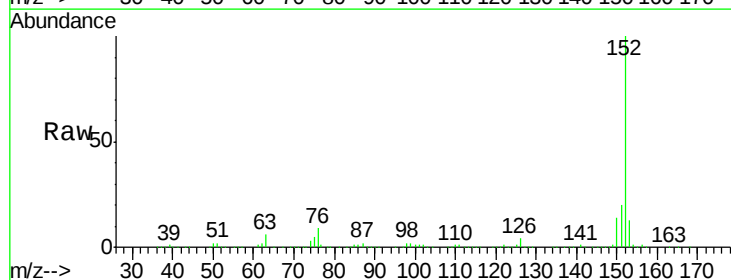
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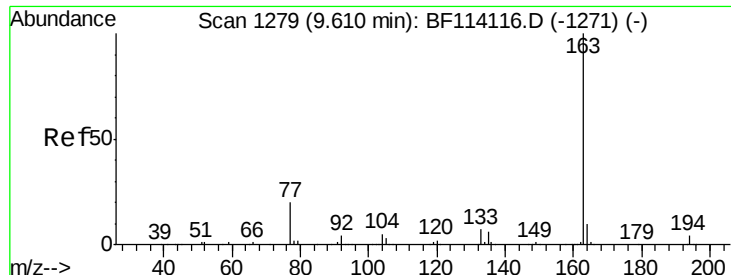
Sohil
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#49
Acenaphthylene
Concen: 18.434 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.8	25.2
153	12.5	11.4	17.2





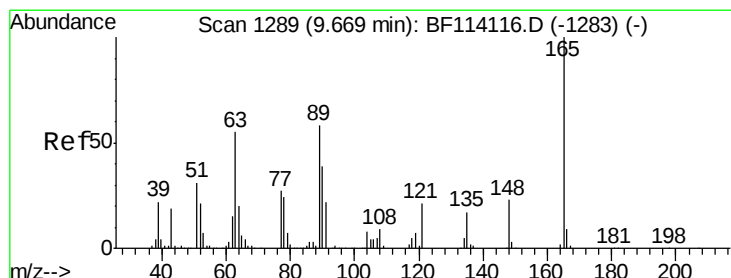
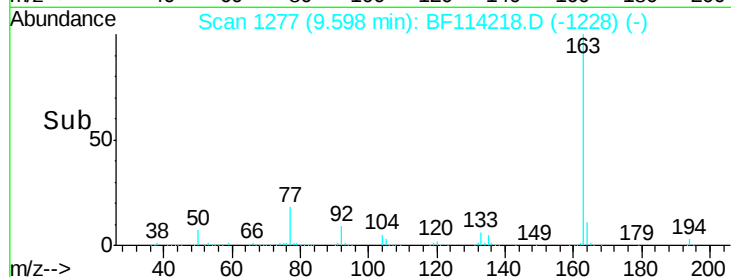
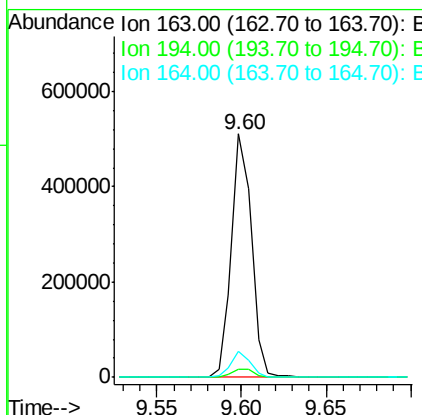
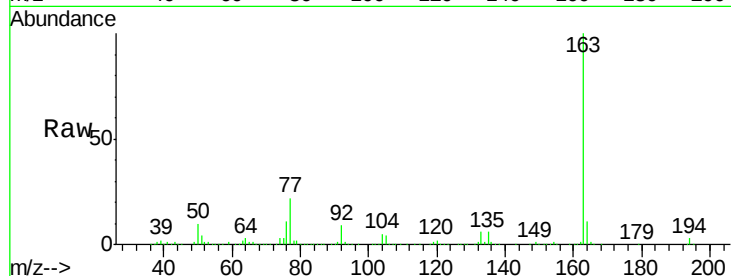
#50
Dimethylphthalate
Concen: 12.952 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion:	163	Resp:	422417
Ion Ratio	Lower	Upper	
163	100		
194	3.4	3.4	5.0
164	10.8	8.2	12.2

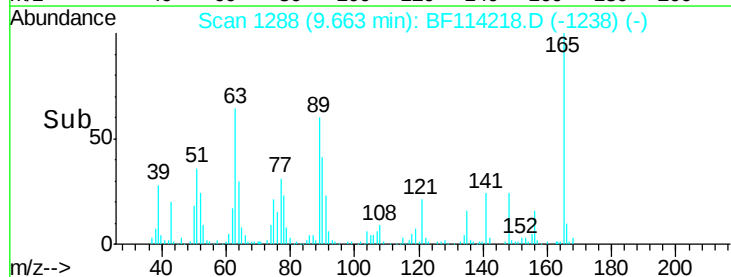
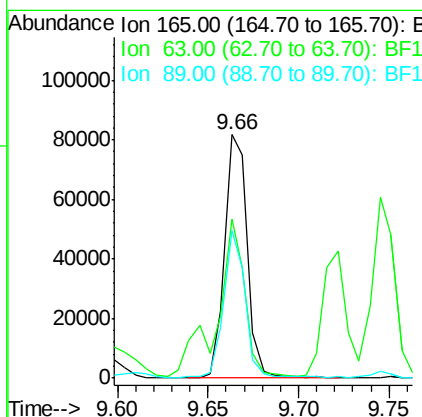
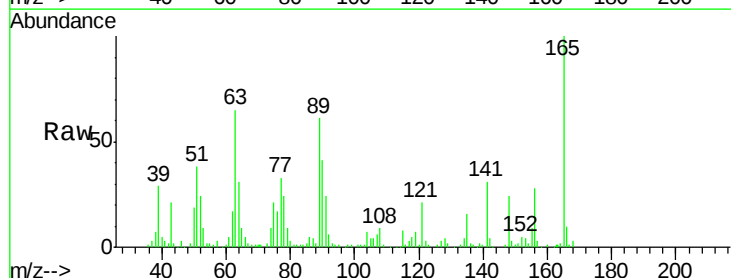
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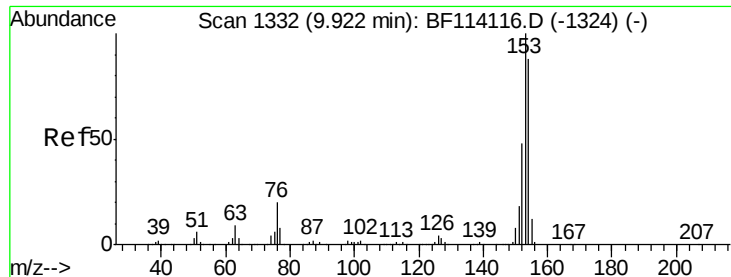
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#51
2,6-Dinitrotoluene
Concen: 9.751 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion:	165	Resp:	70815
Ion Ratio	Lower	Upper	
165	100		
63	65.4	50.2	75.4
89	60.6	46.6	69.8





#52

Acenaphthene

Concen: 9.798 ng

RT: 9.92 min Scan# 1332

Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

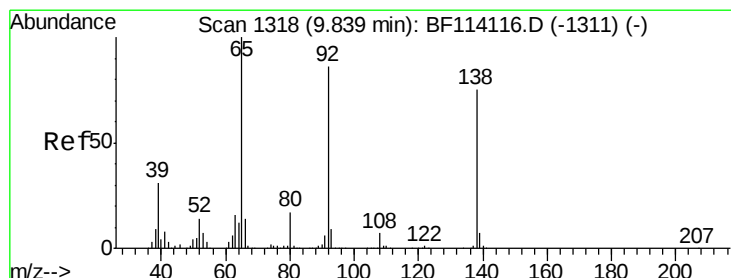
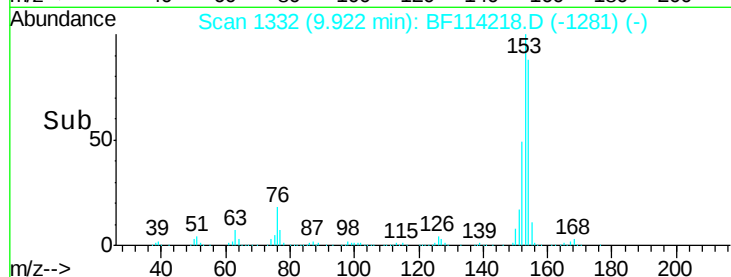
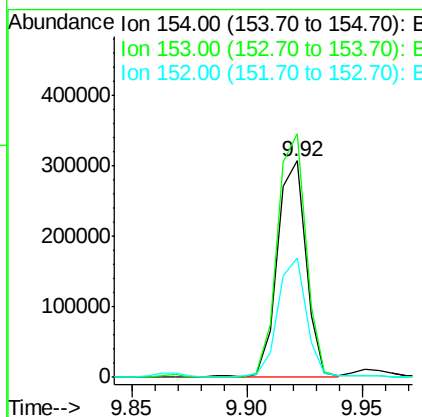
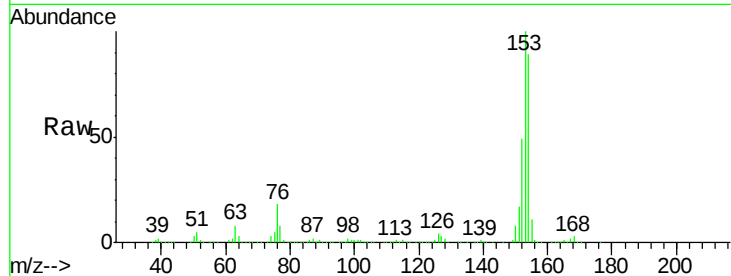
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	154	Resp:	264108
Ion Ratio	Lower	Upper	
154	100		
153	112.5	90.5	135.7
152	54.9	43.4	65.2

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#53

3-Nitroaniline

Concen: 4.552 ng

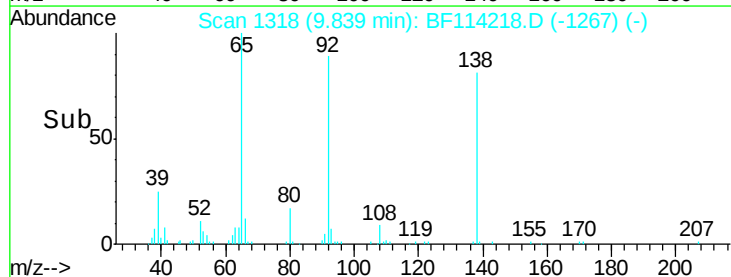
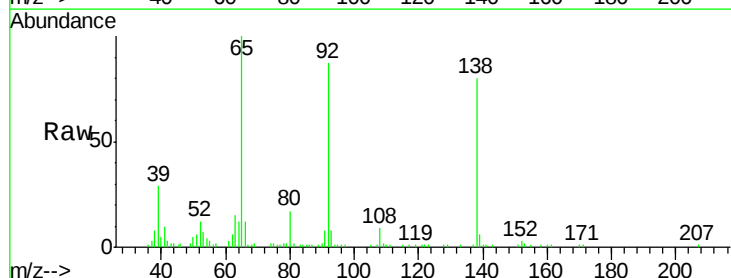
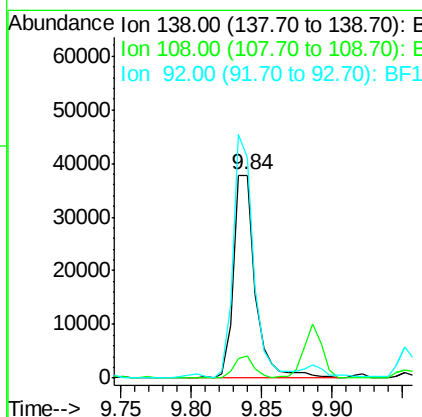
RT: 9.84 min Scan# 1318

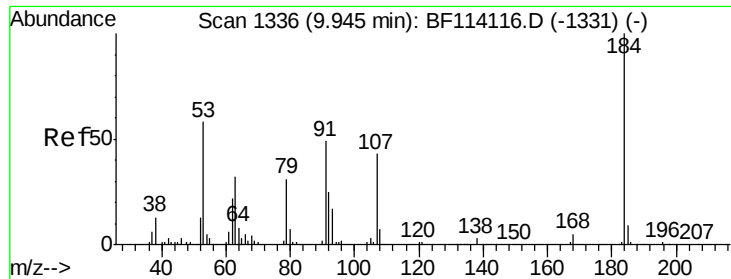
Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Tgt Ion:	138	Resp:	40923
Ion Ratio	Lower	Upper	
138	100		
108	11.2	7.8	11.6
92	108.9	91.2	136.8





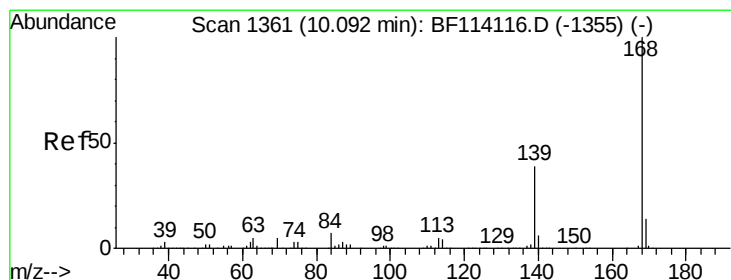
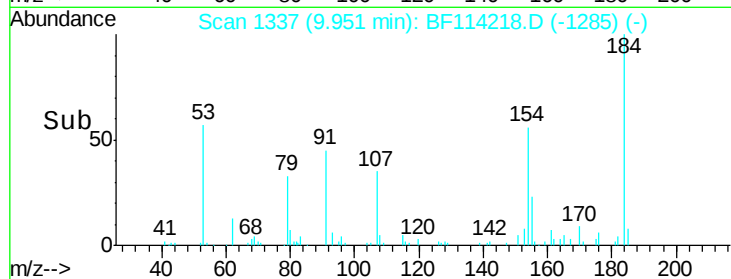
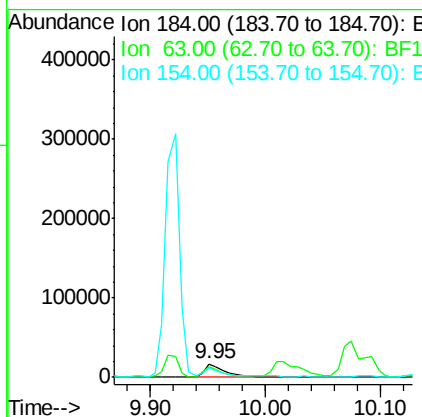
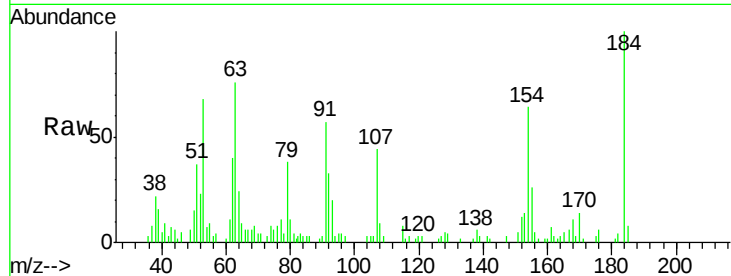
#54
2,4-Dinitrophenol
Concen: 7.122 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Resp	Lower	Upper
184	100	23212		
63	76.3	55.6	83.4	
154	63.9	46.0	69.0	

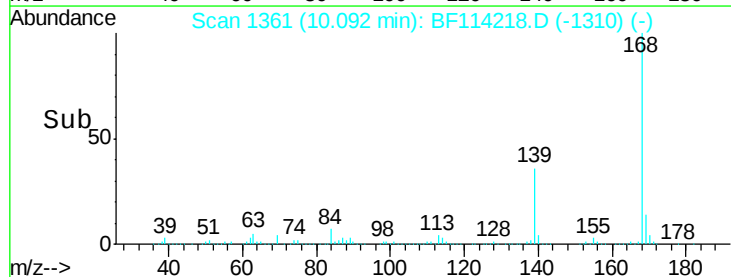
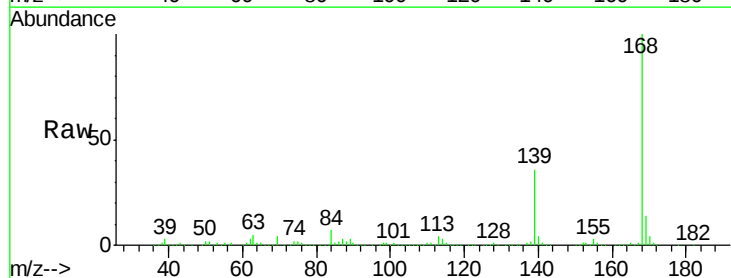
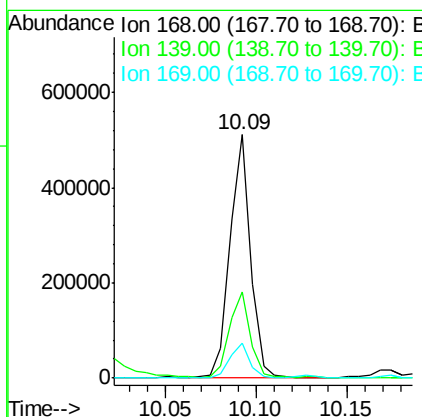
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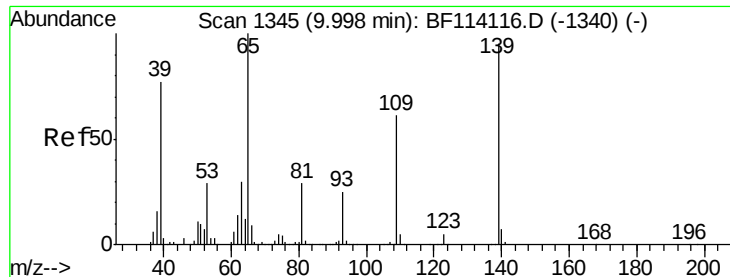
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#55
Dibenzofuran
Concen: 10.215 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	402738		
139	35.6	31.1	46.7	
169	14.2	11.4	17.0	





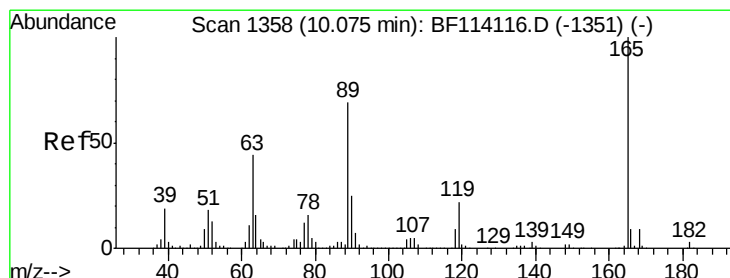
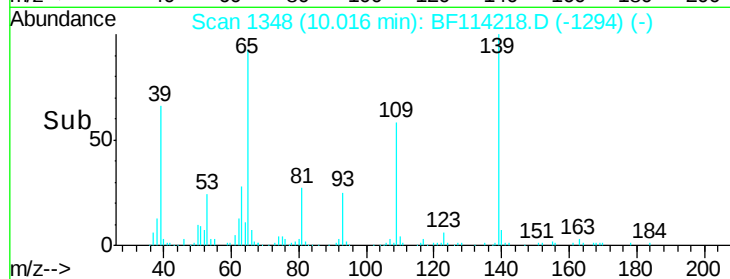
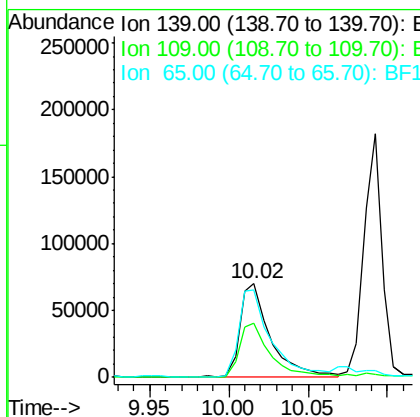
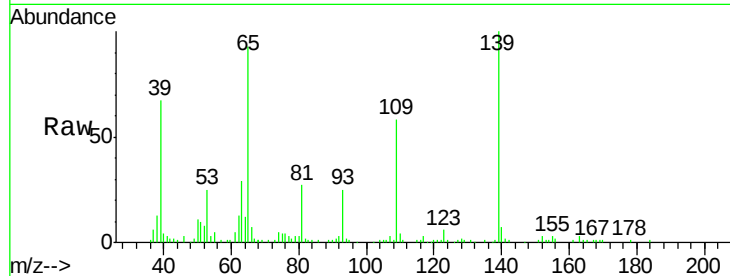
#56
4-Nitrophenol
Concen: 14.721 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.02 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Resp	Lower	Upper
139	100			
109	58.4	43.9	83.9	
65	93.1	85.7	125.7	

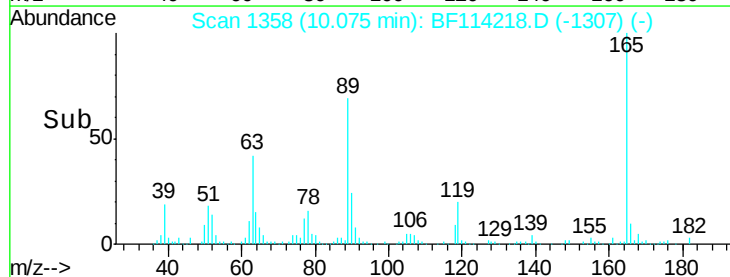
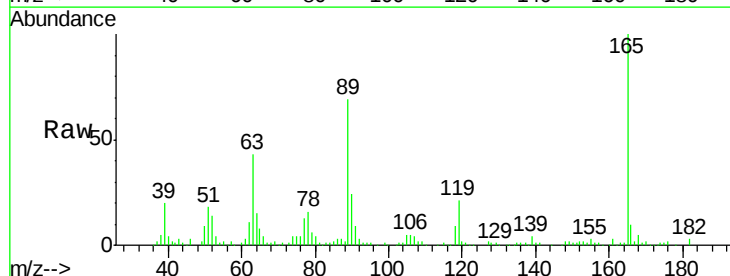
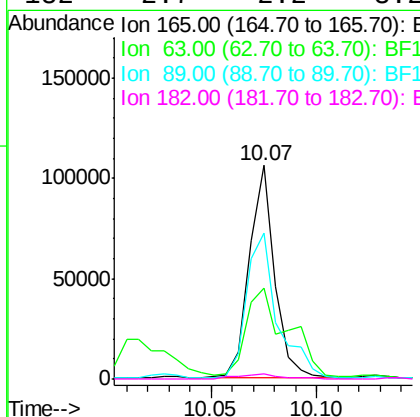
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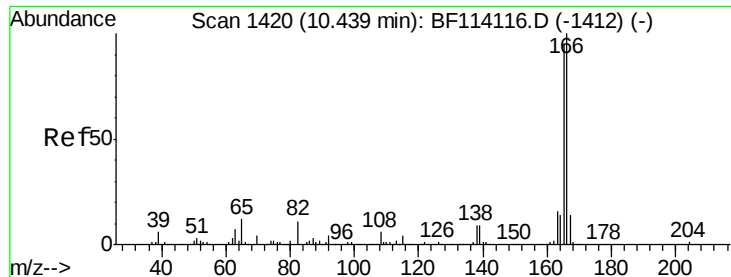
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#57
2,4-Dinitrotoluene
Concen: 8.936 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	42.7	35.5	53.3	
89	68.6	55.2	82.8	
182	2.7	2.2	3.2	





#58

Fluorene

Concen: 11.698 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:166 Resp: 355729

Ion Ratio Lower Upper

166 100

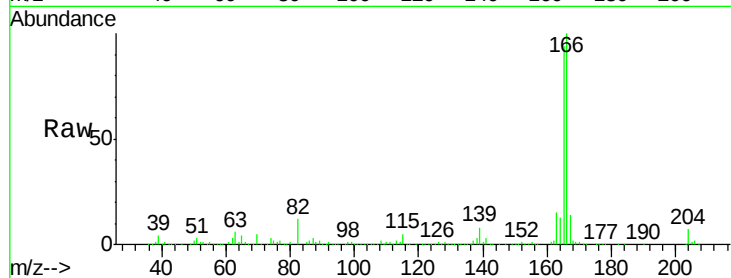
165 93.8 76.1 114.1

167 13.9 11.1 16.7

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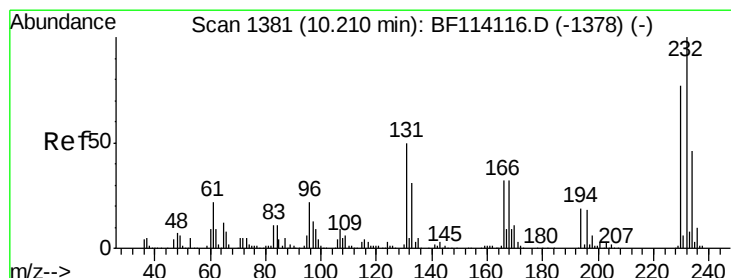
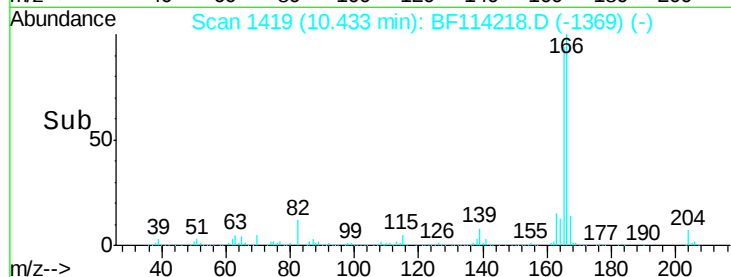
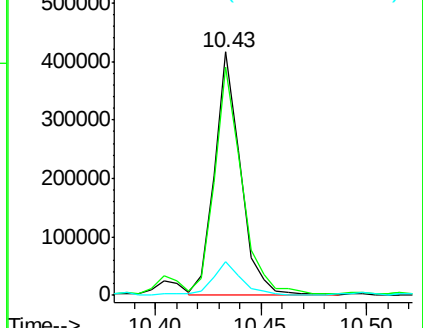
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 9.080 ng

RT: 10.22 min Scan# 1382

Delta R.T. 0.01 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Tgt Ion:232 Resp: 74434

Ion Ratio Lower Upper

232 100

131 45.2 35.6 53.4

130 3.1 1.6 2.4#

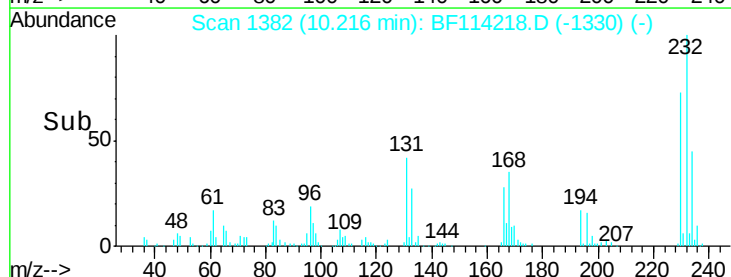
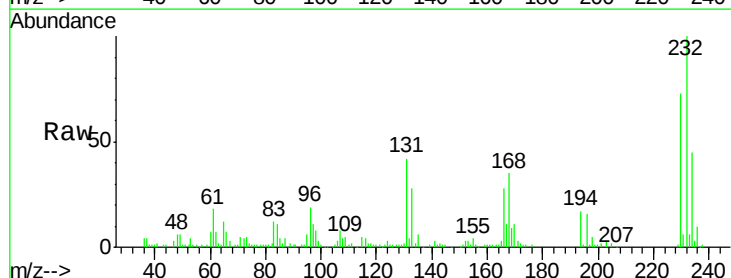
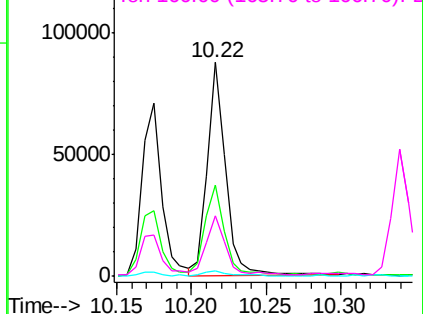
166 29.3 24.1 36.1

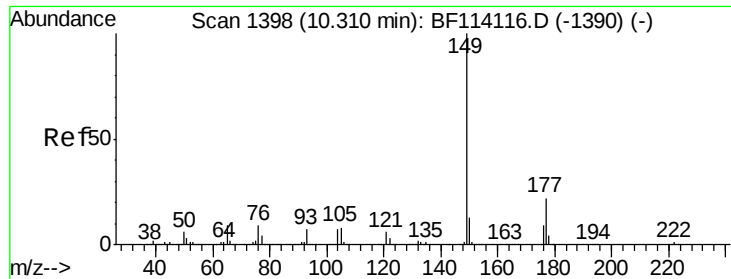
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





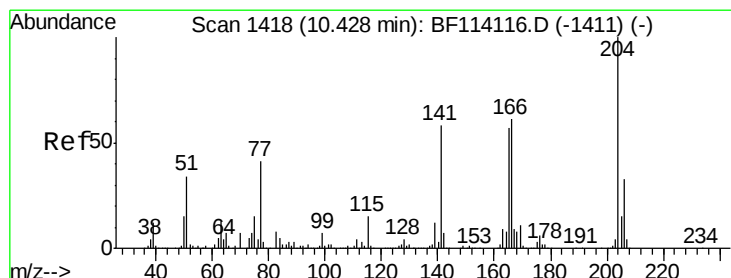
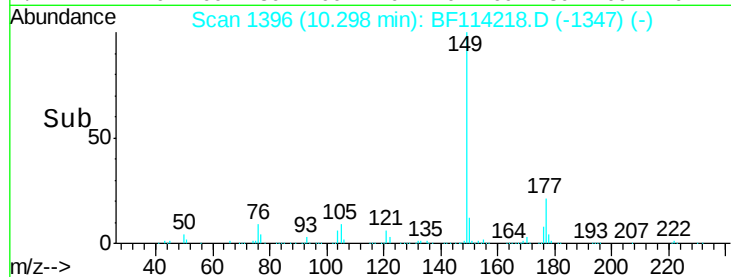
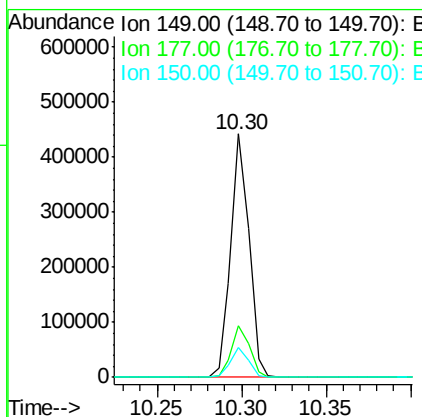
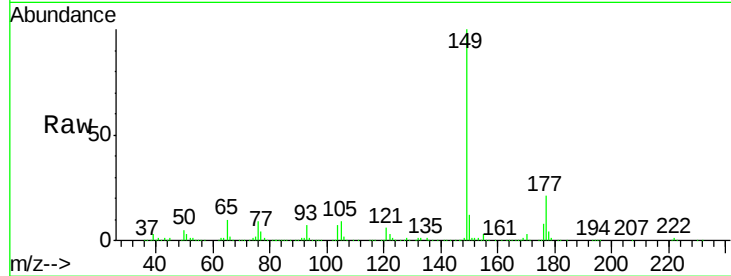
#60
Diethylphthalate
Concen: 10.047 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	332573		
177	21.0		17.8	26.6
150	12.5		10.2	15.2

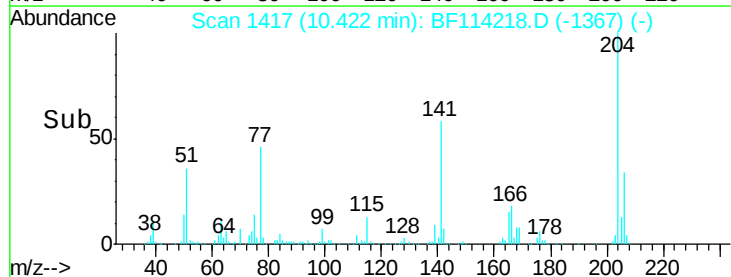
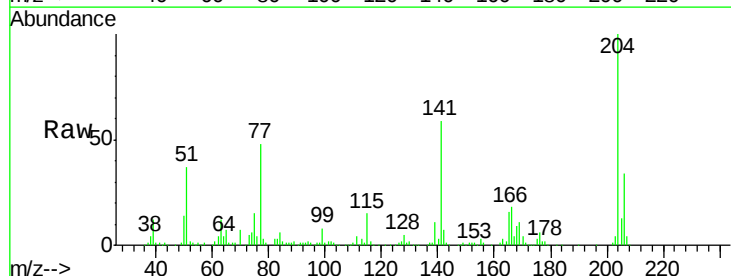
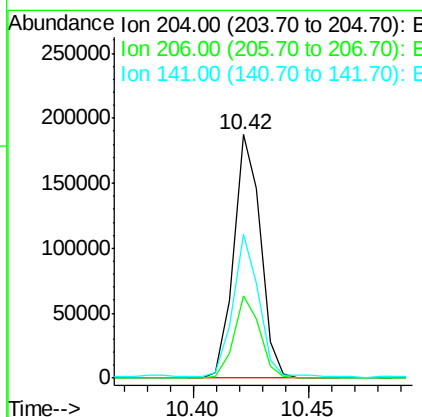
Manual Integrations
APPROVED

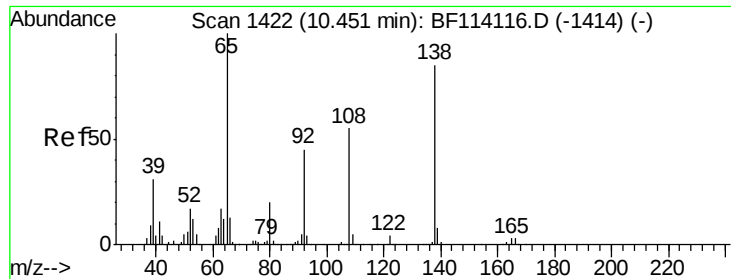
Sohil
5/13/2019 8:37:53 PM



#61
4-Chlorophenyl-phenylether
Concen: 10.130 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	151372		
206	33.8		26.6	39.8
141	59.1		46.4	69.6





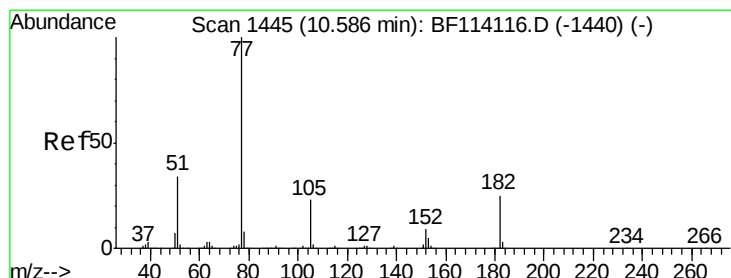
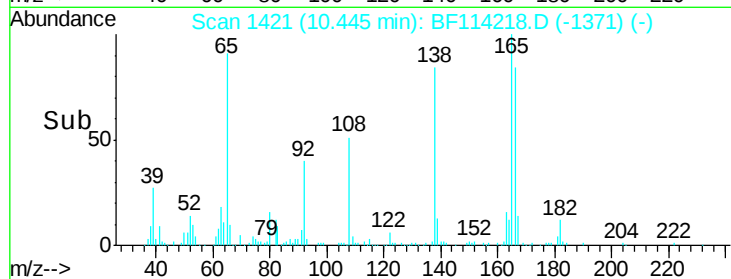
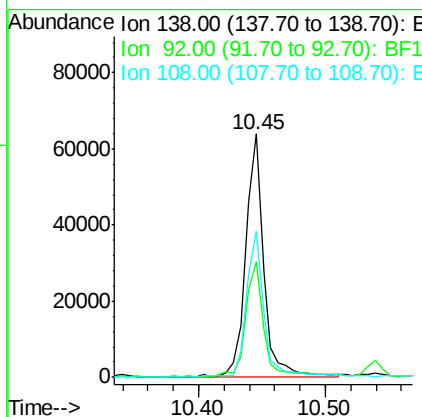
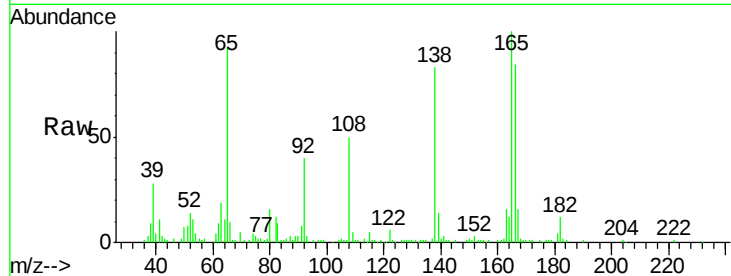
#62
4-Nitroaniline
Concen: 6.761 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Resp	Lower	Upper
138	100	63535		
92	47.5	33.0	73.0	
108	60.2	44.9	84.9	

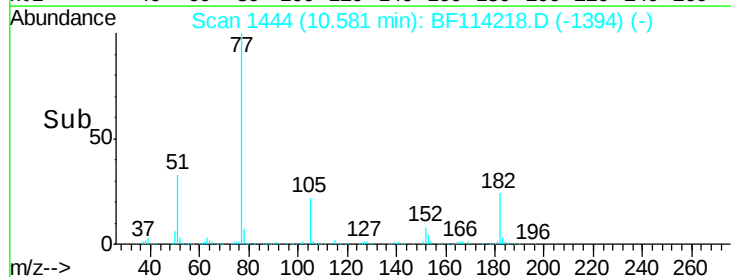
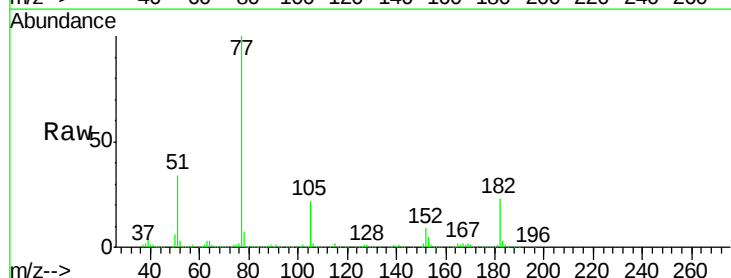
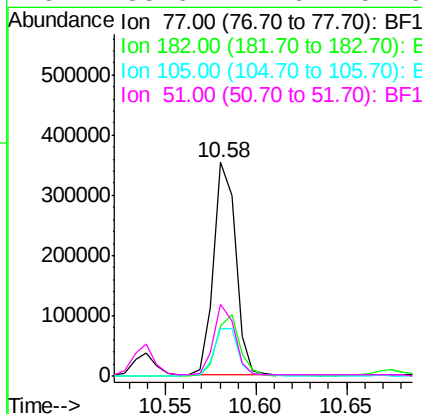
Manual Integrations
APPROVED

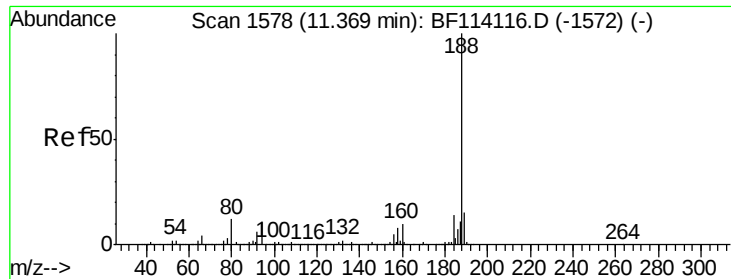
Sohil
5/13/2019 8:37:53 PM



#63
Azobenzene
Concen: 9.629 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	299787		
182	23.5	4.7	44.7	
105	22.5	2.9	42.9	
51	33.6	14.6	54.6	





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.37 min Scan# 1579

Delta R.T. 0.01 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

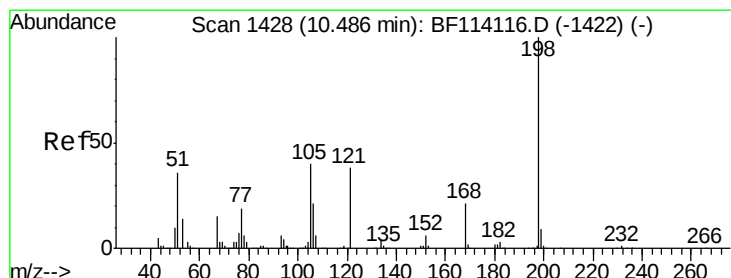
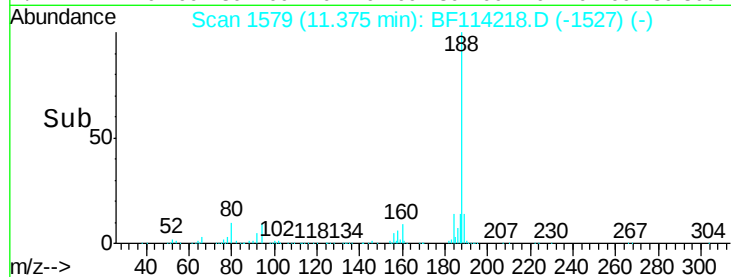
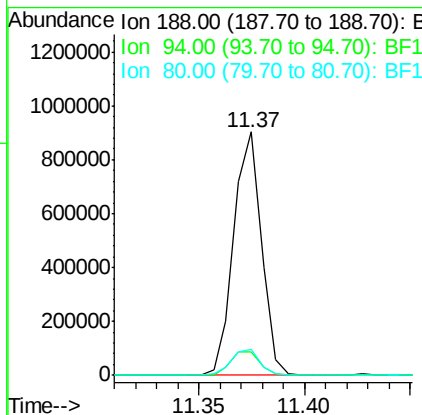
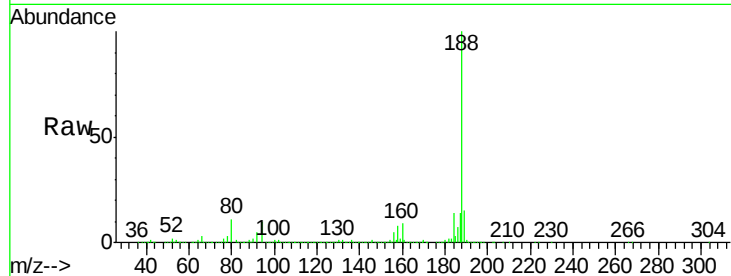
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	188	Resp:	818242
Ion Ratio	Lower	Upper	
188	100		
94	9.9	8.4	12.6
80	10.6	9.2	13.8

Manual Integrations
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#65

4,6-Dinitro-2-methylphenol

Concen: 4.646 ng

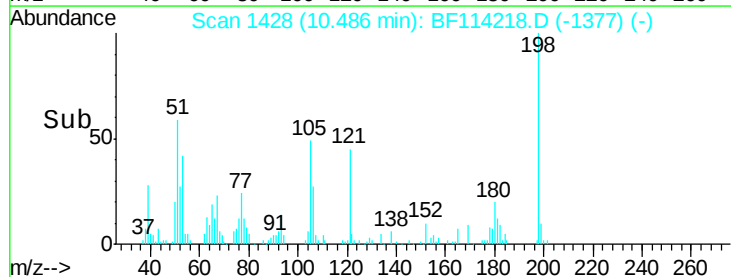
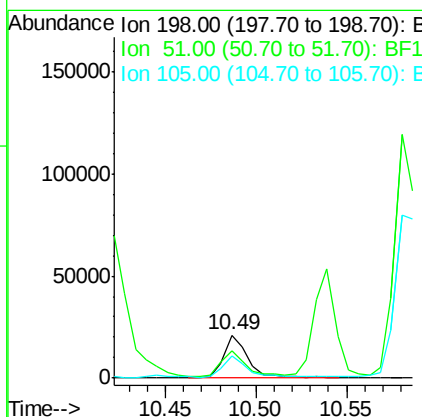
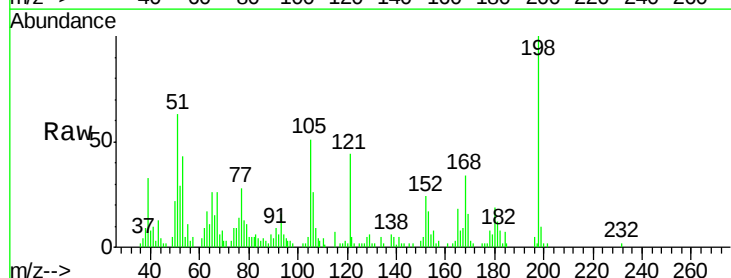
RT: 10.49 min Scan# 1428

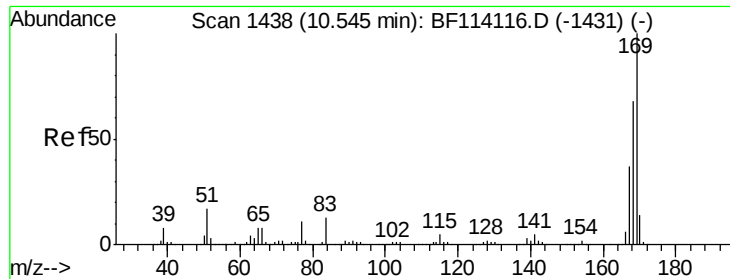
Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Tgt Ion:	198	Resp:	19643
Ion Ratio	Lower	Upper	
198	100		
51	62.7	28.0	68.0
105	50.8	21.1	61.1





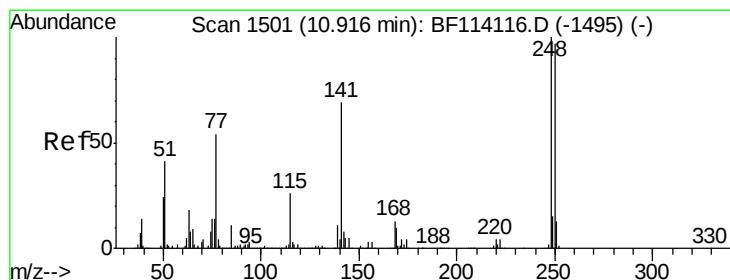
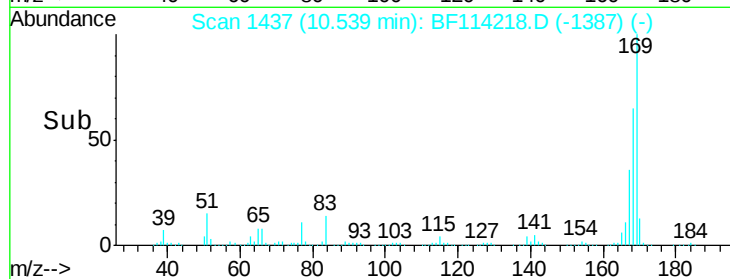
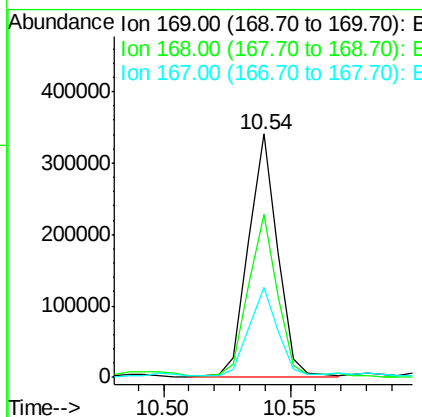
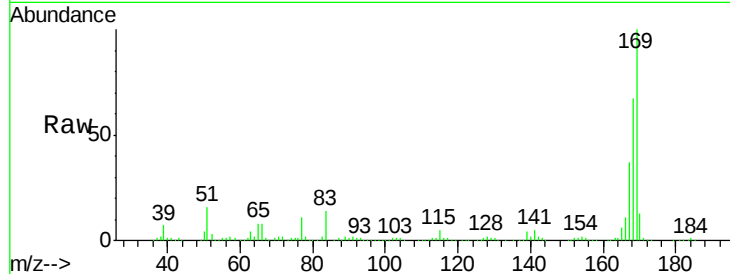
#66
n-Nitrosodiphenylamine
Concen: 10.424 ng
RT: 10.54 min Scan# 1437
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Resp	Lower	Upper
169	100	272117		
168	67.0	54.2	81.2	
167	36.8	29.8	44.8	

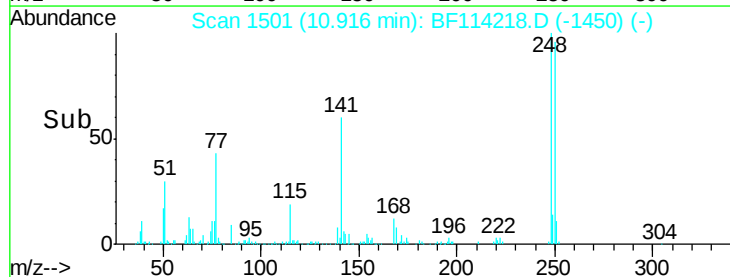
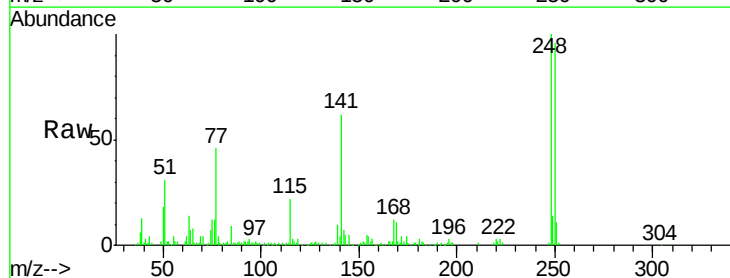
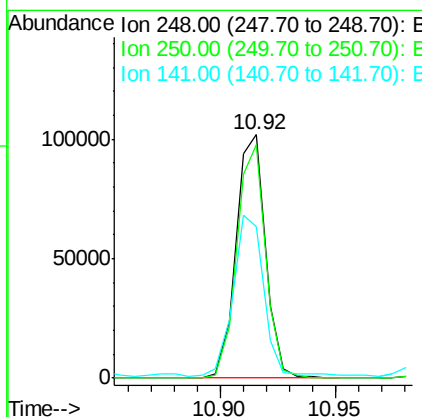
Manual Integrations
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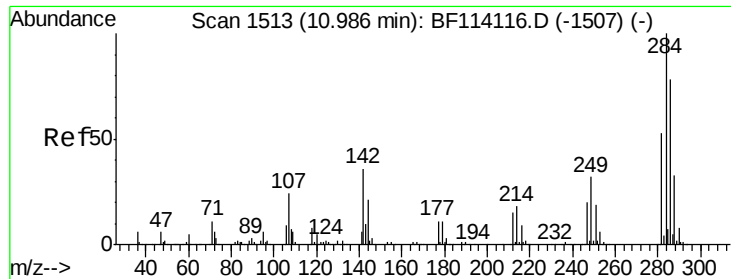
Sohil
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#67
4-Bromophenyl-phenylether
Concen: 10.069 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	90612		
250	95.8	77.4	116.2	
141	62.2	55.6	83.4	





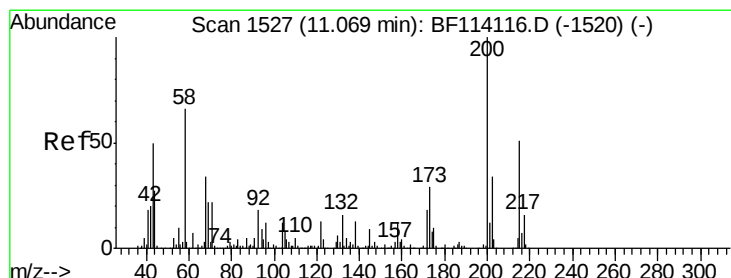
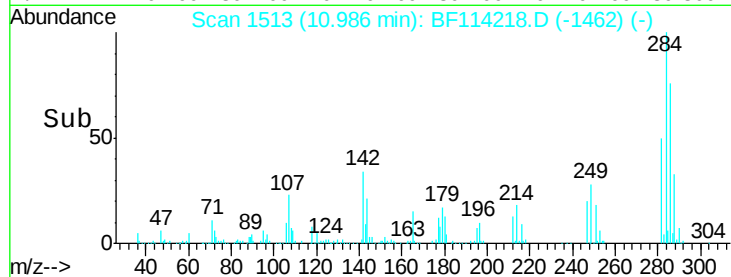
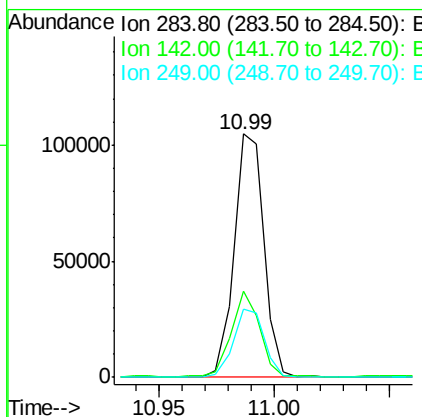
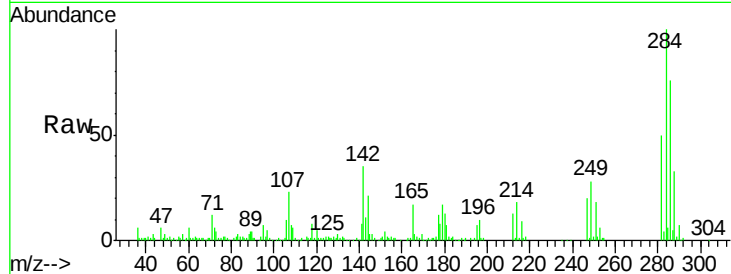
#68
Hexachlorobenzene
Concen: 9.461 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	35.4	28.4	42.6	
249	28.3	25.2	37.8	

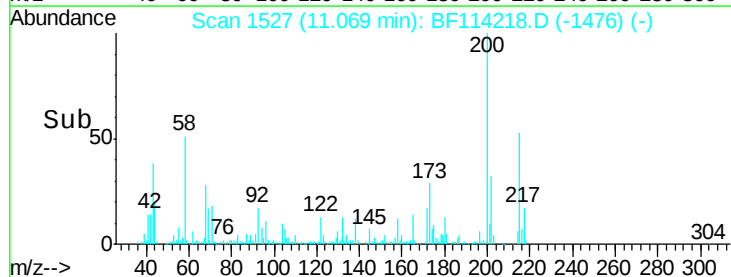
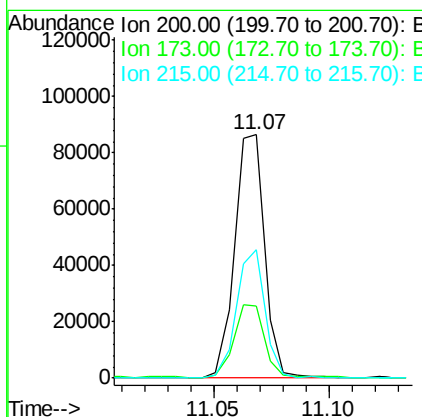
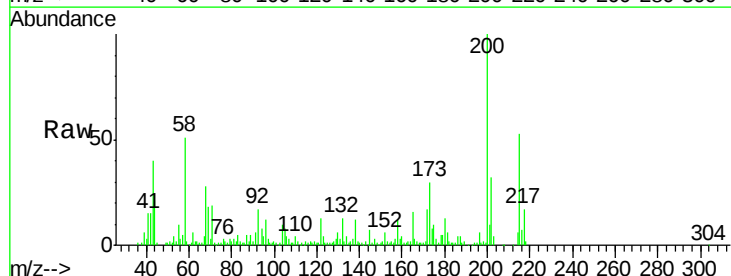
Manual Integrations
APPROVED

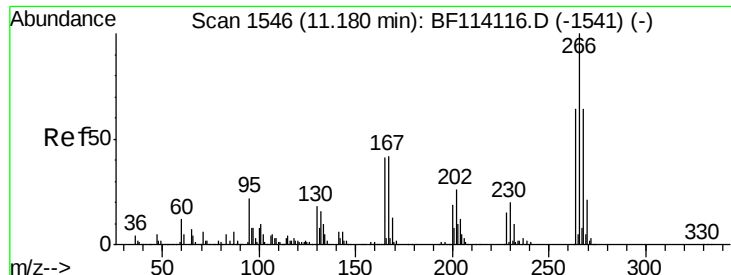
Sohil
5/13/2019 8:37:53 PM



#69
Atrazine
Concen: 10.173 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	29.7	8.9	48.9	
215	52.7	30.7	70.7	





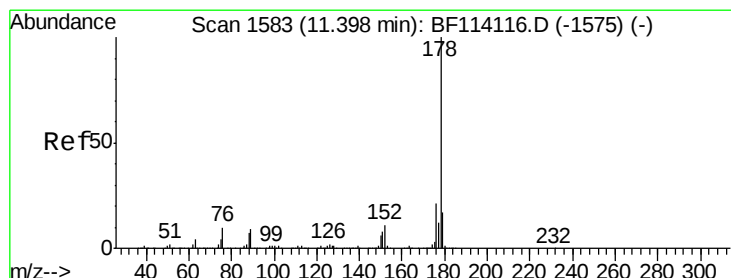
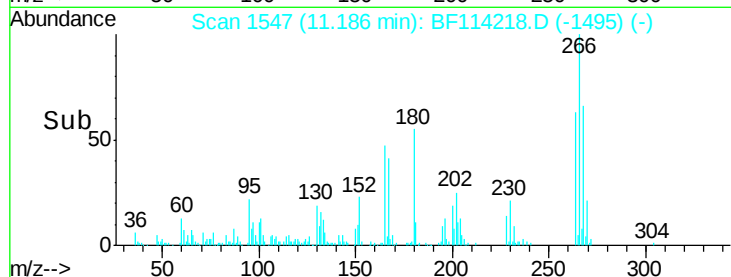
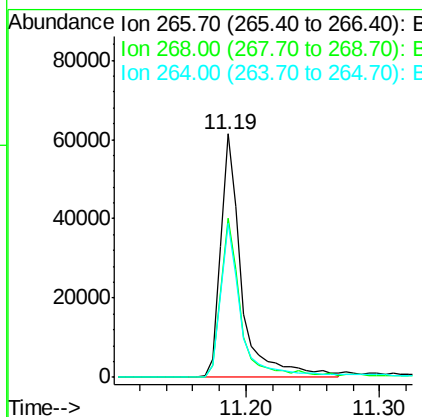
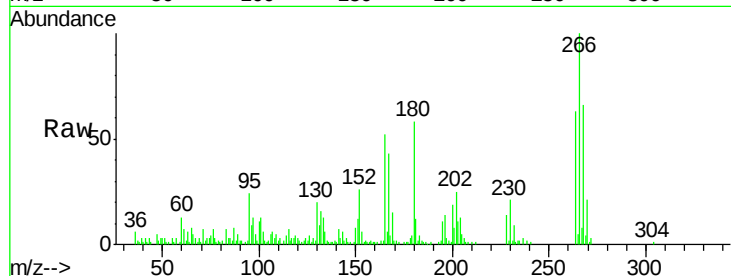
#70
 Pentachlorophenol
 Concen: 14.502 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF114218.D
 Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Resp	Lower	Upper
266	100	68456		
268	65.5		51.1	76.7
264	63.4		51.1	76.7

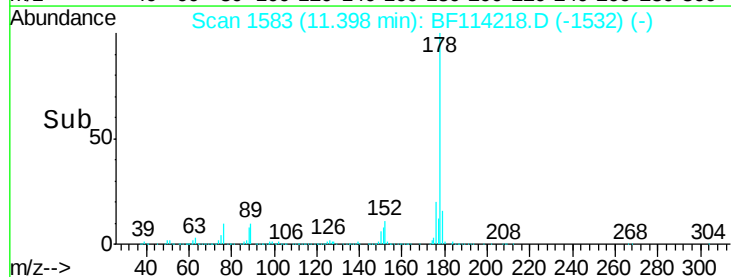
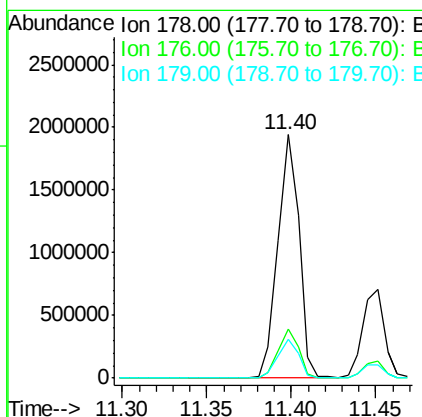
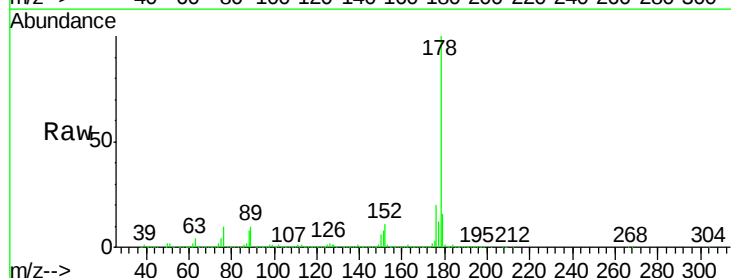
Manual Integrations
 APPROVED

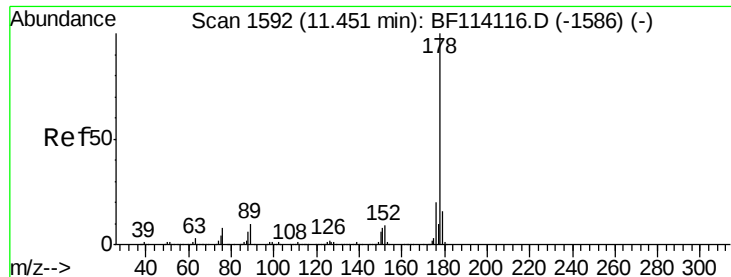
Sohil
 5/13/2019 8:37:53 PM



#71
 Phenanthrene
 Concen: 42.161 ng
 RT: 11.40 min Scan# 1583
 Delta R.T. 0.00 min
 Lab File: BF114218.D
 Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1696412		
176	19.9		16.4	24.6
179	16.2		13.2	19.8





#72

Anthracene

Concen: 15.633 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

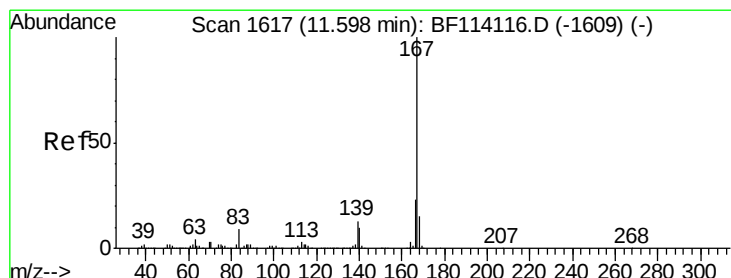
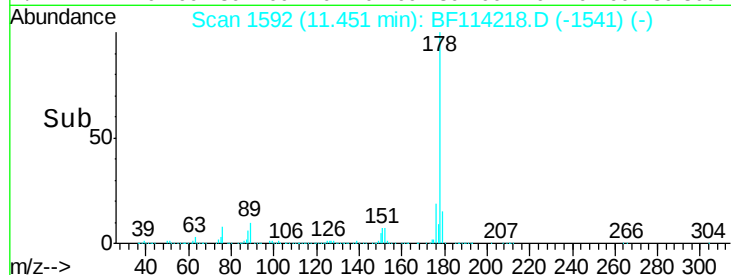
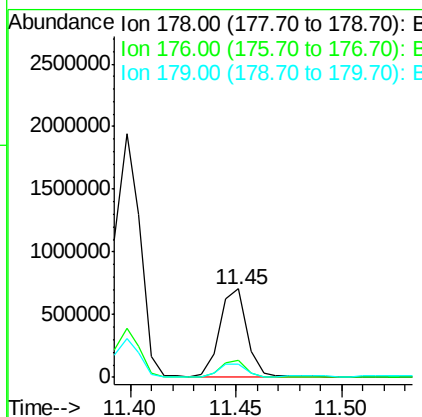
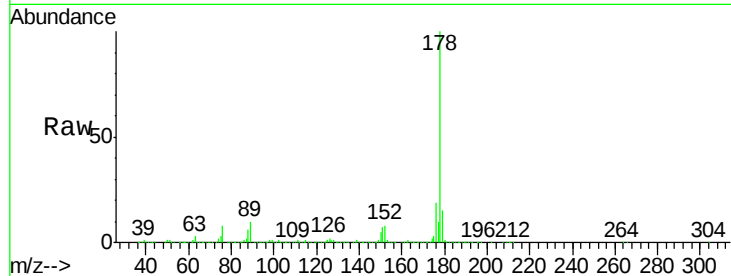
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	178	Resp:	631800
Ion Ratio	Lower	Upper	
178	100		
176	19.1	15.8	23.8
179	15.2	13.0	19.4

Manual Integrations
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5/13/2019 8:37:53 PM



#73

Carbazole

Concen: 10.000 ng

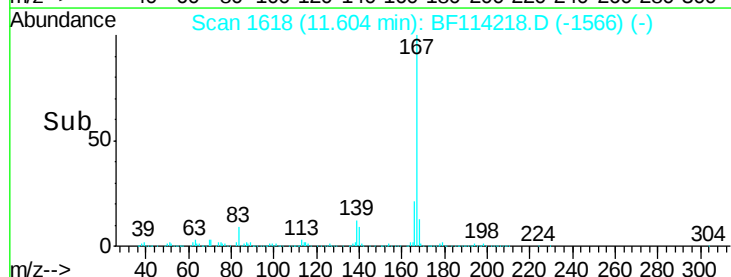
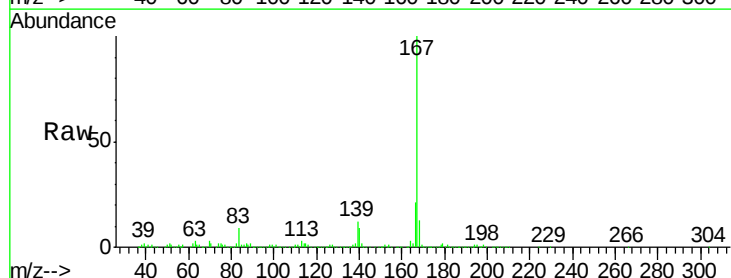
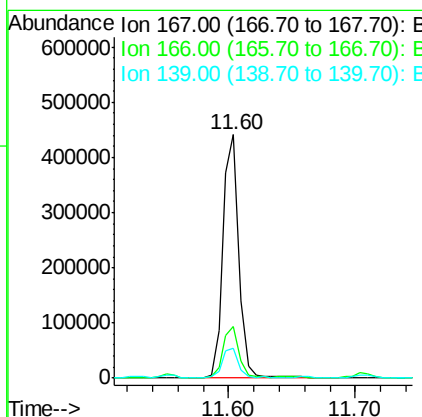
RT: 11.60 min Scan# 1618

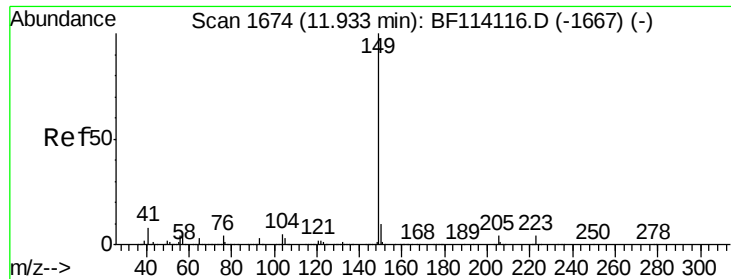
Delta R.T. 0.01 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Tgt Ion:	167	Resp:	384100
Ion Ratio	Lower	Upper	
167	100		
166	21.3	18.2	27.2
139	12.3	10.6	16.0





#74

Di-n-butylphthalate

Concen: 11.335 ng

RT: 11.93 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

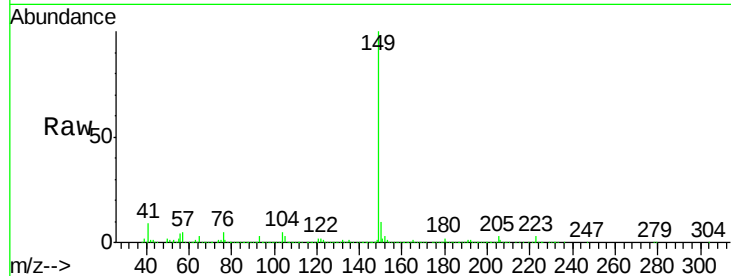
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	149	Resp:	504278
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.7	11.5
104	4.5	3.6	5.4

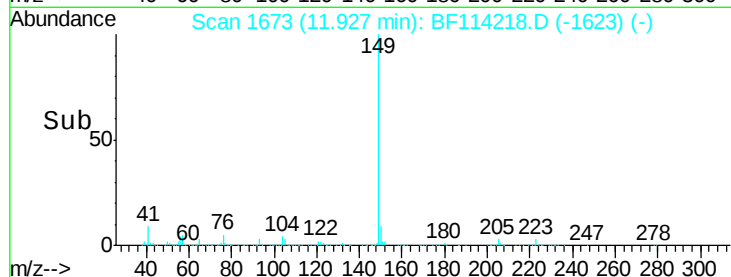
Manual Integrations
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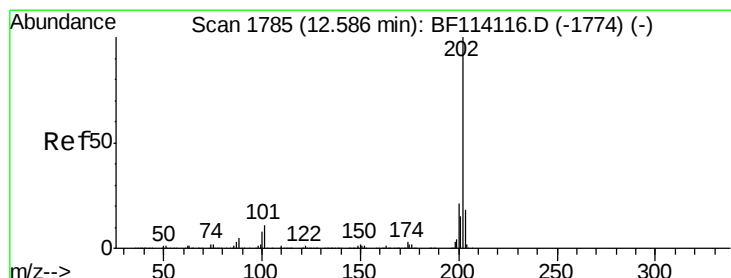


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E

11.93



Time--> 11.85 11.90 11.95



#75

Fluoranthene

Concen: 48.852 ng

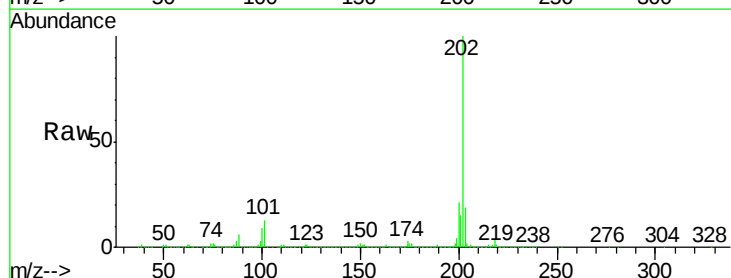
RT: 12.59 min Scan# 1786

Delta R.T. 0.01 min

Lab File: BF114218.D

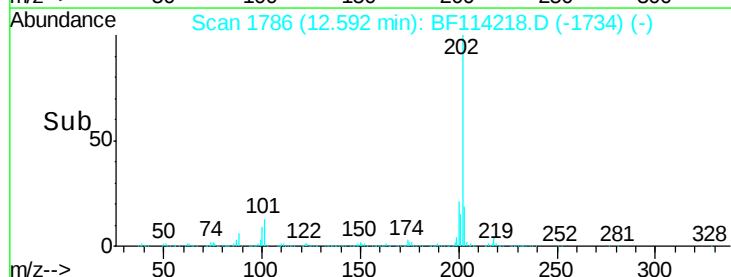
Acq: 13 May 2019 3:25

Tgt Ion:	202	Resp:	2119180
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	31.0
203	18.9	0.0	38.4

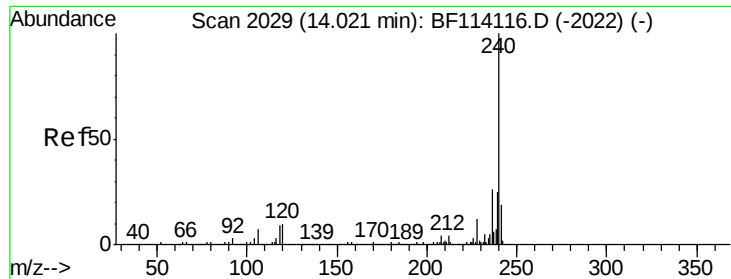


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

12.59



Time--> 12.55 12.60



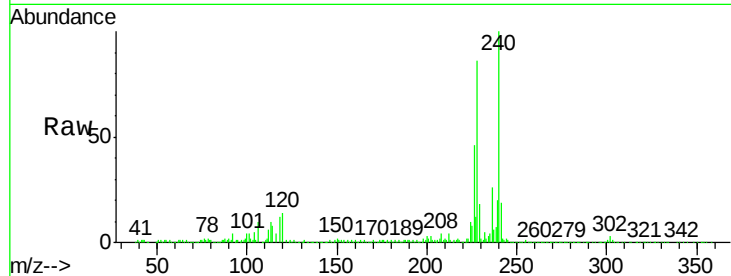
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

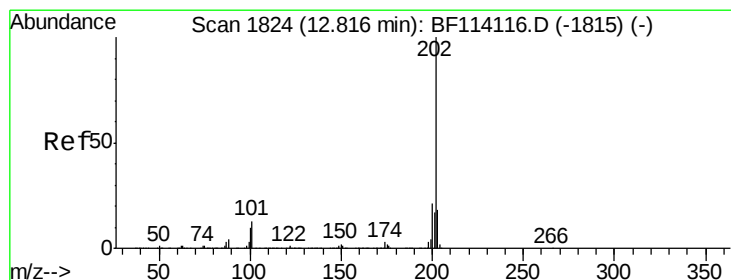
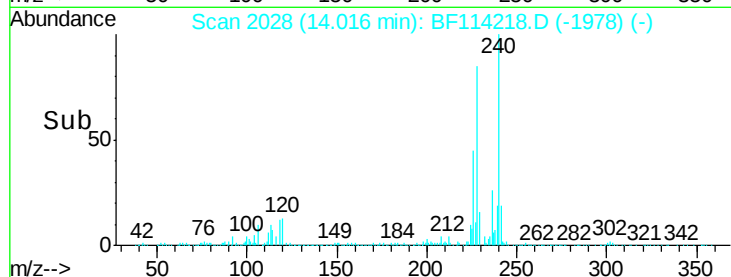
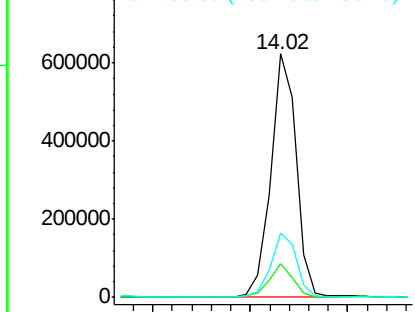
Tot Ion	Ratio	Lower	Upper
240	100		
120	13.6	8.3	12.5
236	26.2	20.8	31.2

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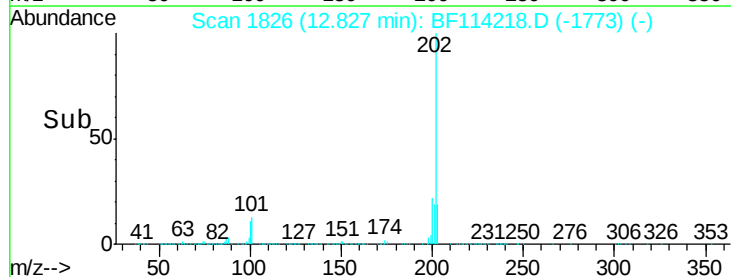
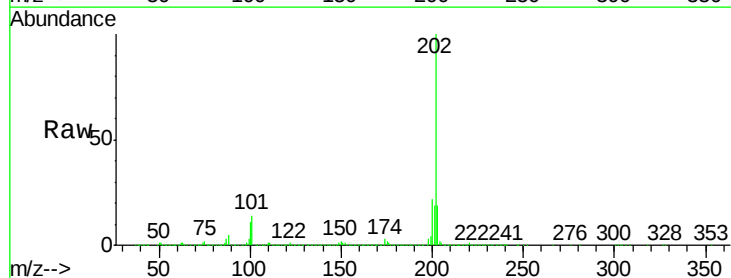
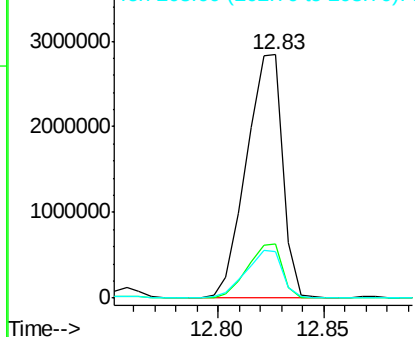
Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

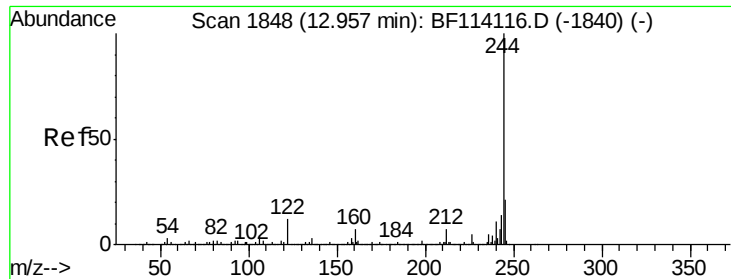


#78
Pyrene
Concen: 74.850 ng
RT: 12.83 min Scan# 1826
Delta R.T. 0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	16.9	25.3
203	19.3	14.5	21.7

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





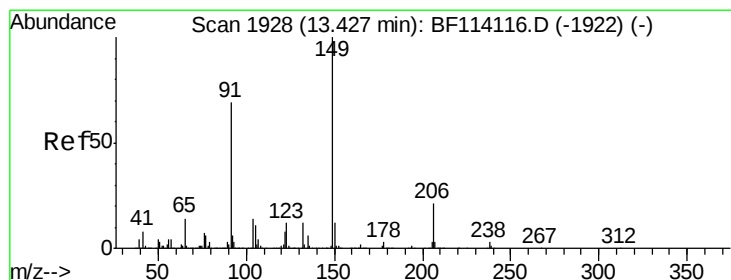
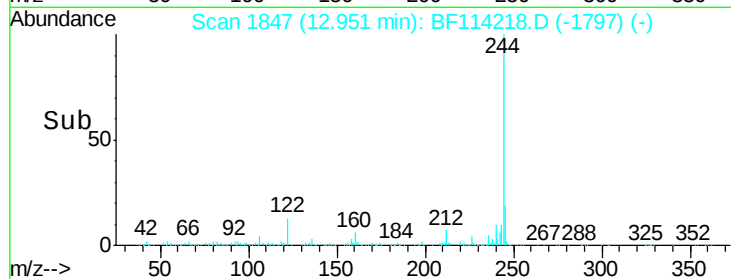
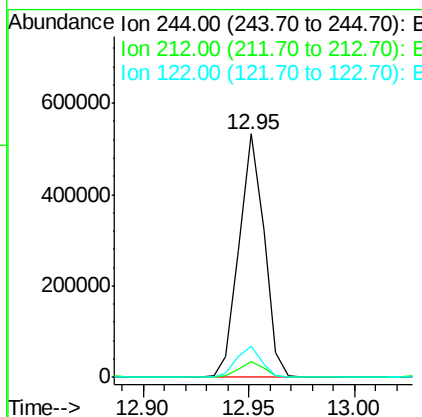
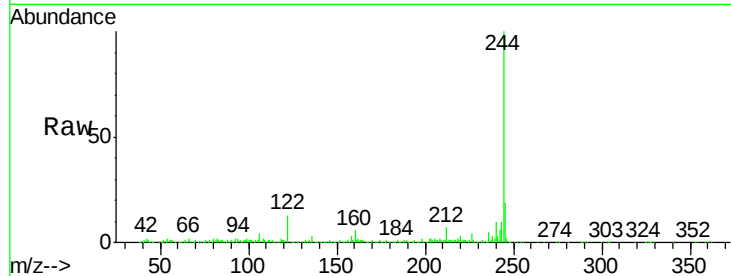
#79
 Terphenyl-d14
 Concen: 15.917 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF114218.D
 Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.6
122	12.9	9.4	14.2

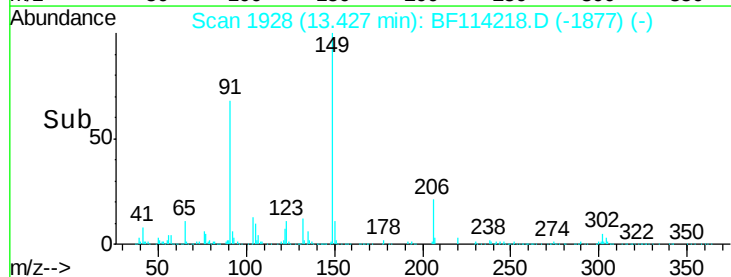
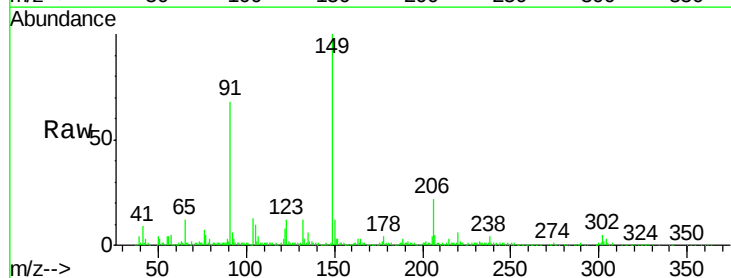
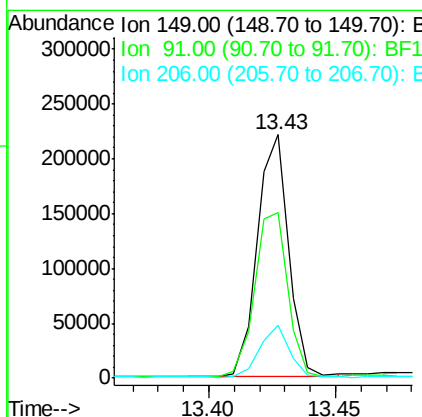
Manual Integrations
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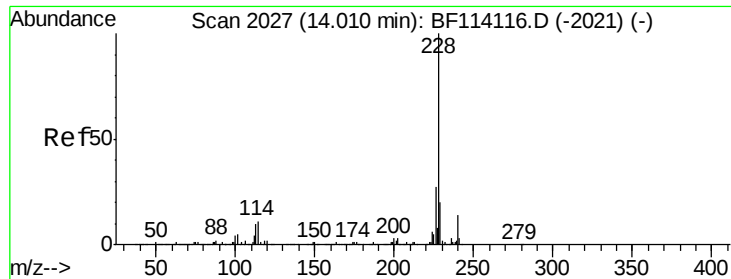
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#80
 Butylbenzylphthalate
 Concen: 10.008 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. 0.00 min
 Lab File: BF114218.D
 Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.0	55.0	82.4
206	21.7	16.9	25.3





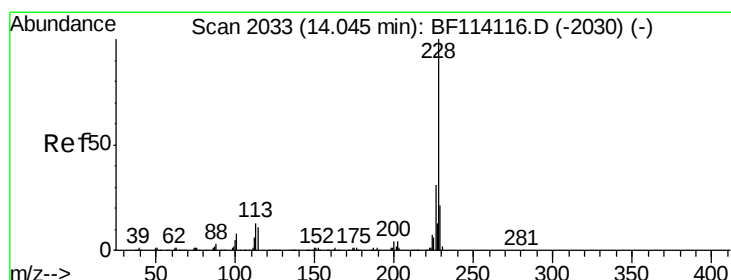
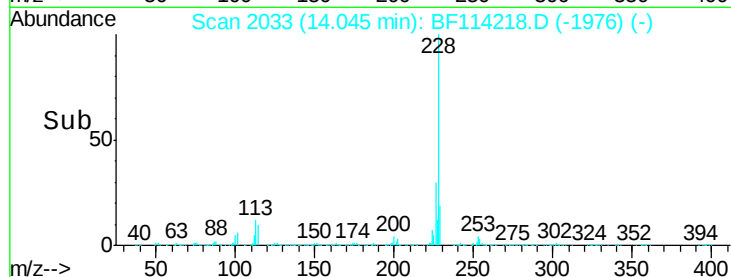
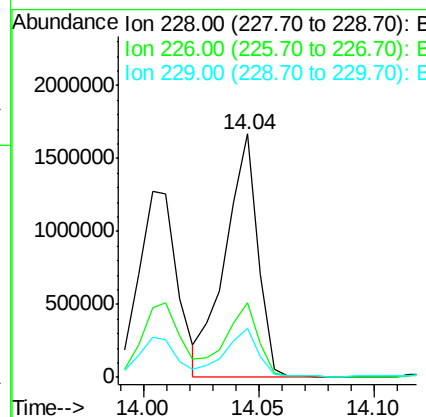
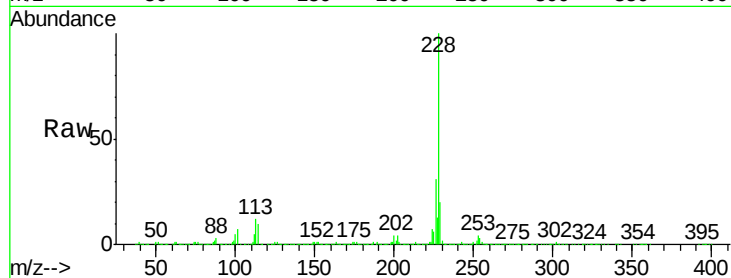
#81
Benzo(a)anthracene
Concen: 44.414 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.04 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.9	22.2	33.2
229	20.2	16.4	24.6

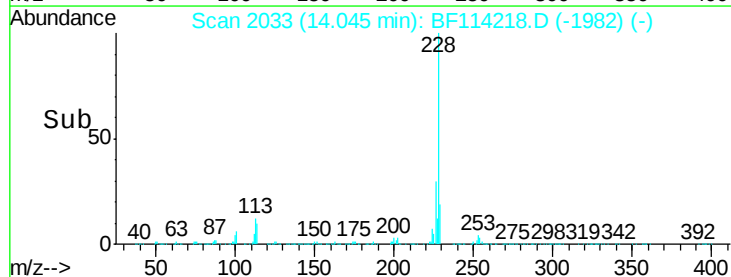
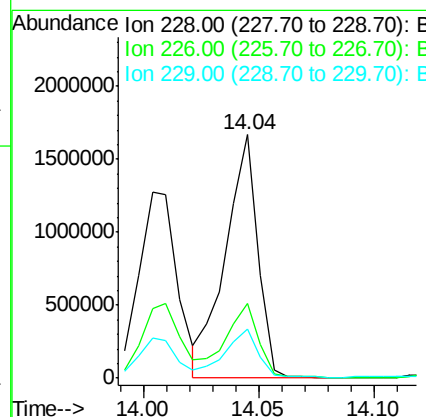
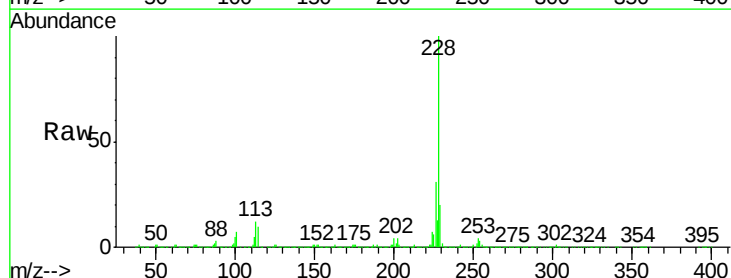
Manual Integrations
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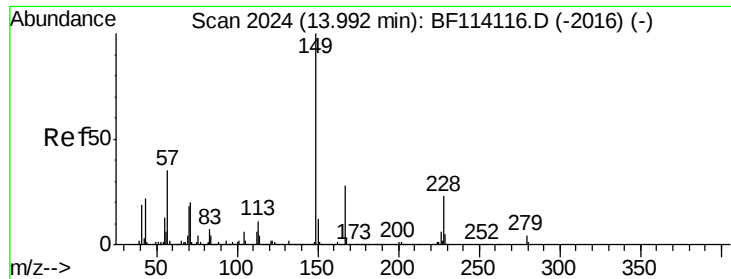
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#83
Chrysene
Concen: 45.320 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.00 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.0	37.6
229	20.2	17.0	25.6





#84

Bis(2-ethylhexyl)phthalate

Concen: 11.434 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

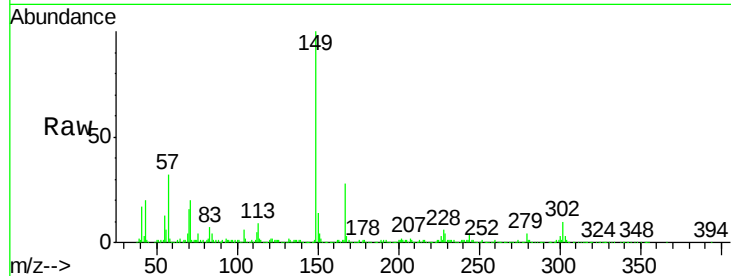
ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	149	Resp:	284372
Ion Ratio	Lower	Upper	
149	100		
167	28.0	22.6	33.8
279	3.7	3.0	4.6

Manual Integrations
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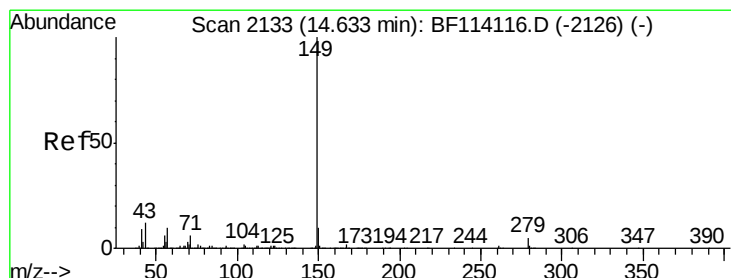
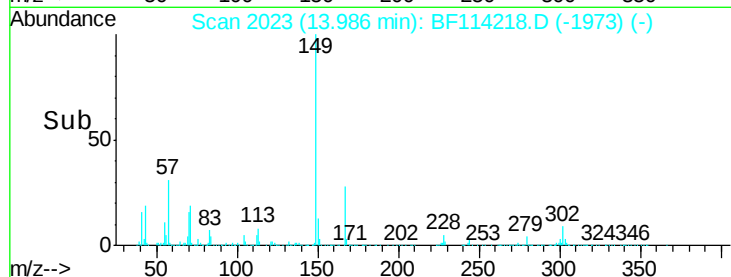
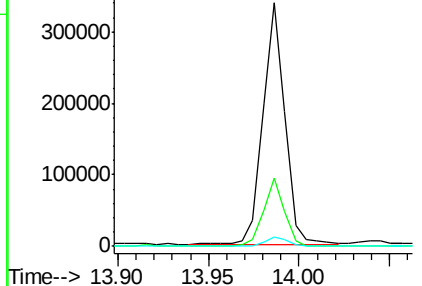
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 11.181 ng

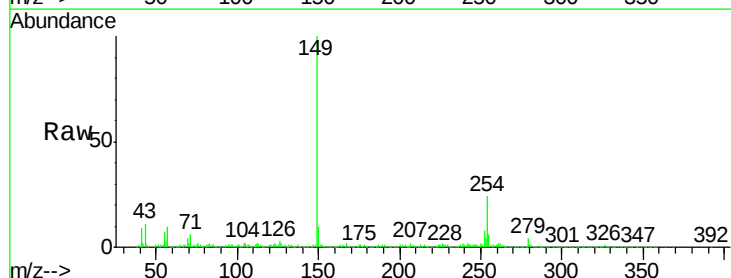
RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

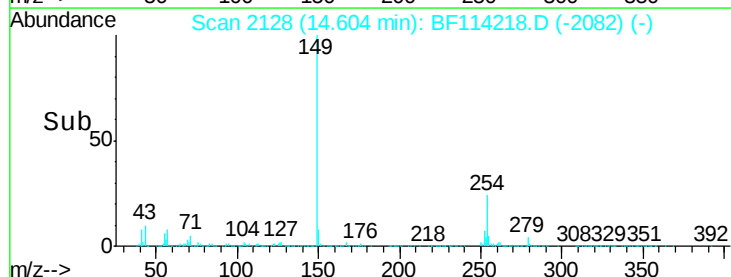
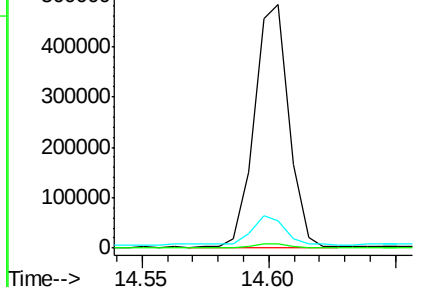
Tgt Ion:	149	Resp:	453215
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.3	1.9
43	11.8	10.1	15.1

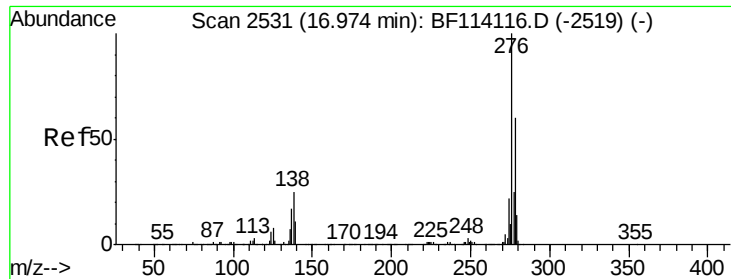


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1





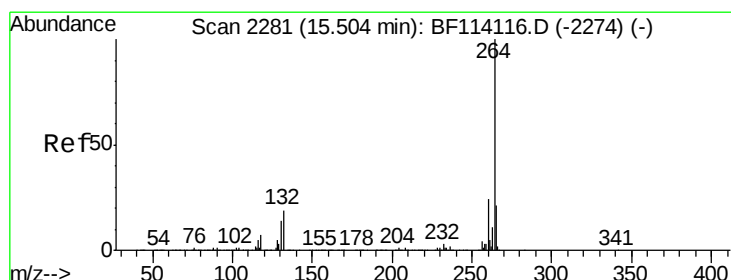
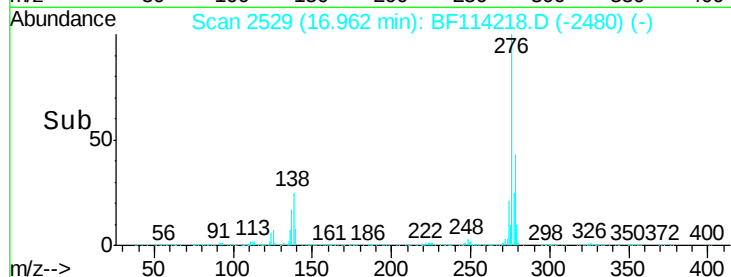
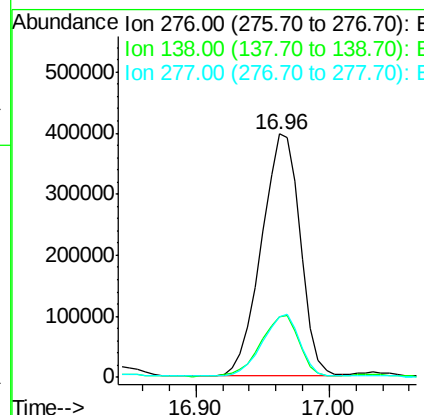
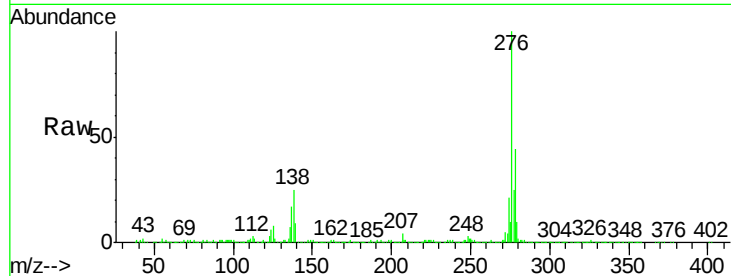
#86
Indeno(1,2,3-cd)pyrene
Concen: 24.893 ng
RT: 16.96 min Scan# 2529
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.2	30.2
277	24.7	20.0	30.0

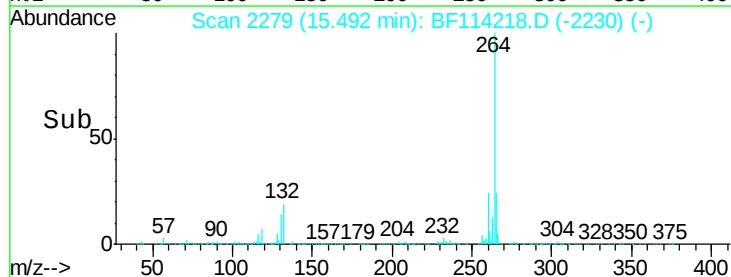
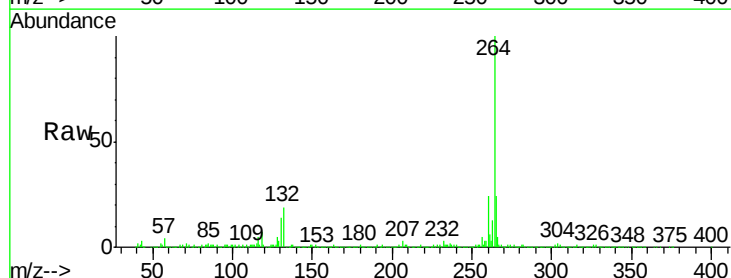
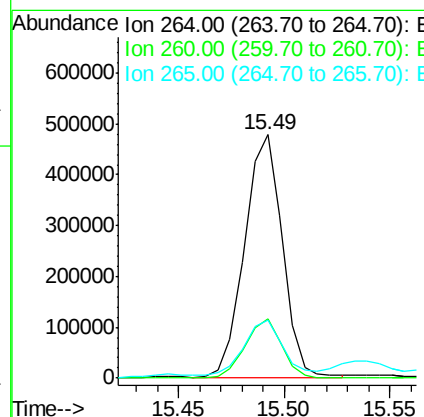
Manual Integrations
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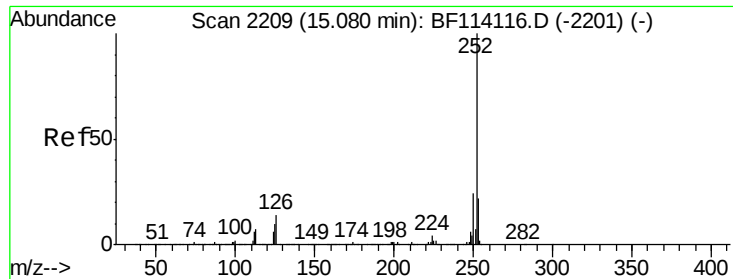
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#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.4	29.0
265	24.0	16.9	25.3





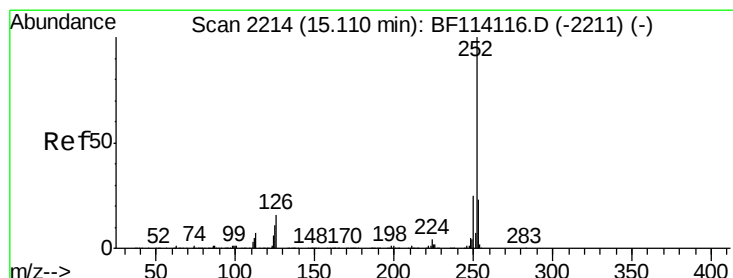
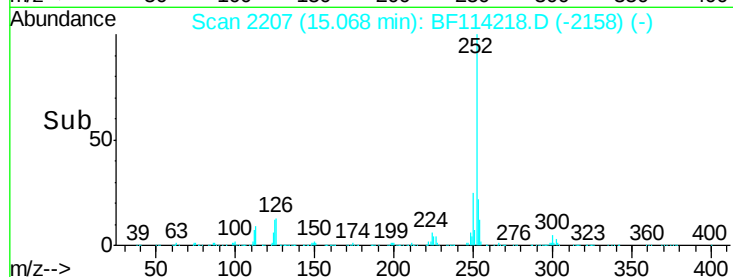
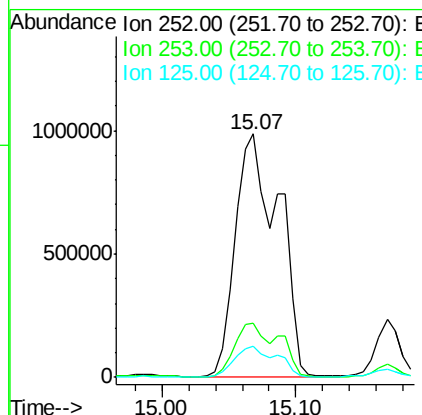
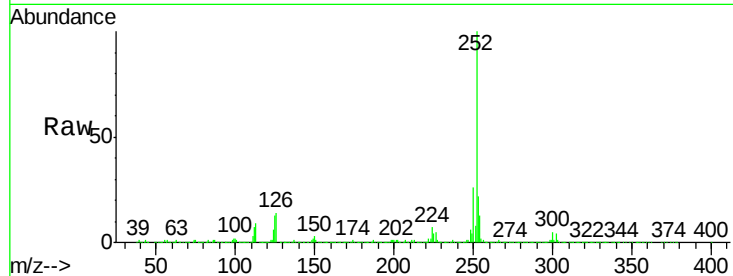
#88
Benzo(b)fluoranthene
Concen: 58.367 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.8
125	12.5	8.3	12.5

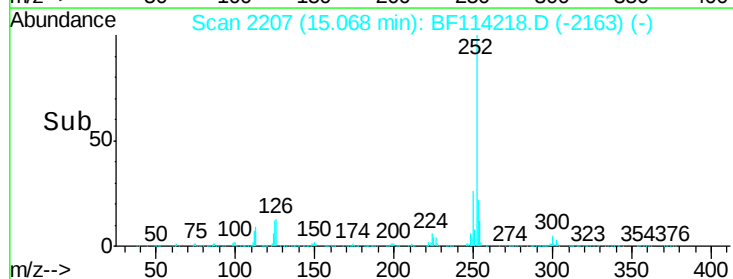
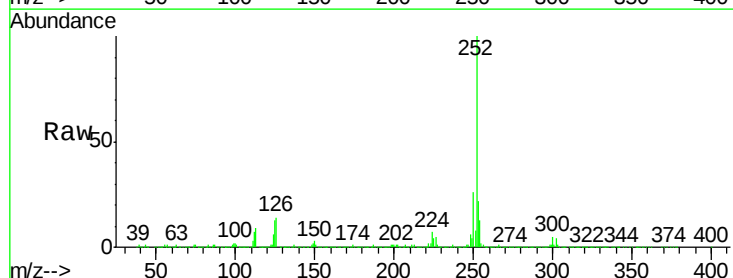
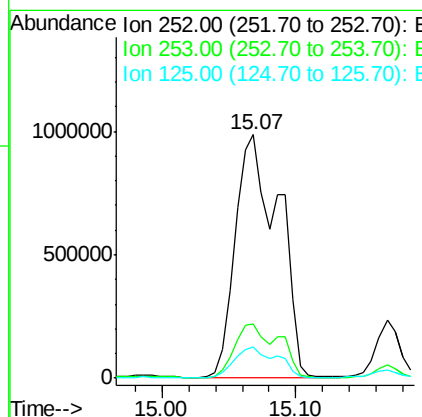
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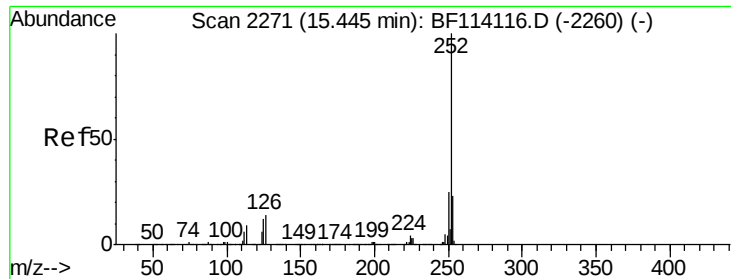
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#89
Benzo(k)fluoranthene
Concen: 64.414 ng
RT: 15.07 min Scan# 2207
Delta R.T. -0.04 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	12.5	8.6	13.0





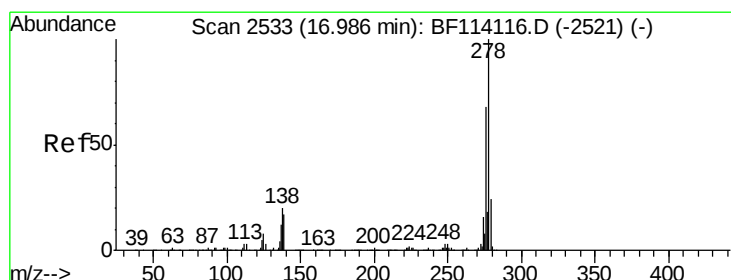
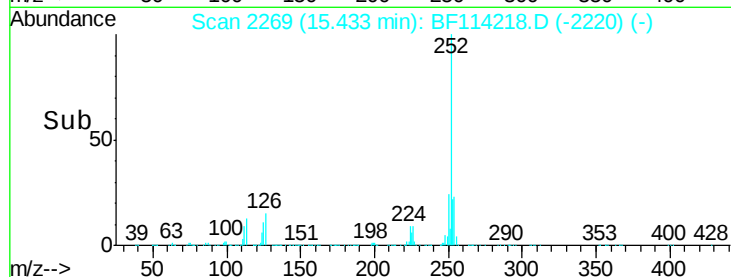
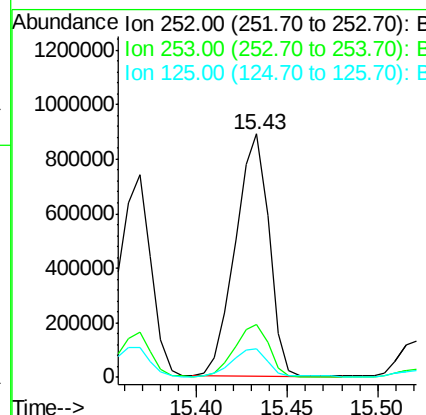
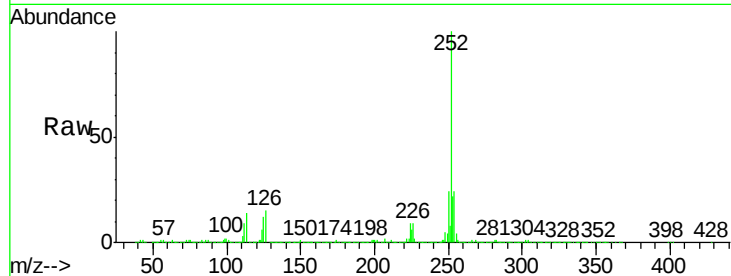
#90
Benzo(a)pyrene
Concen: 34.511 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.1	27.1
125	11.6	9.5	14.3

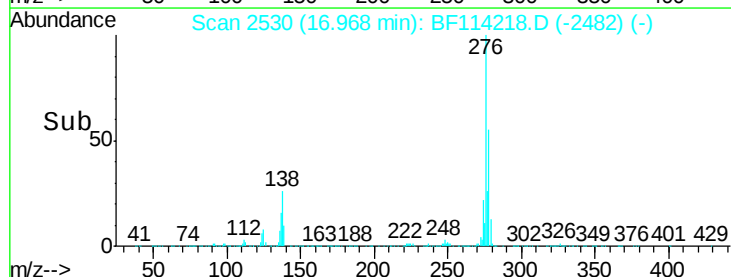
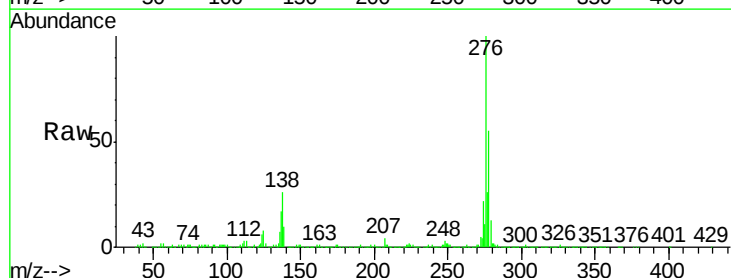
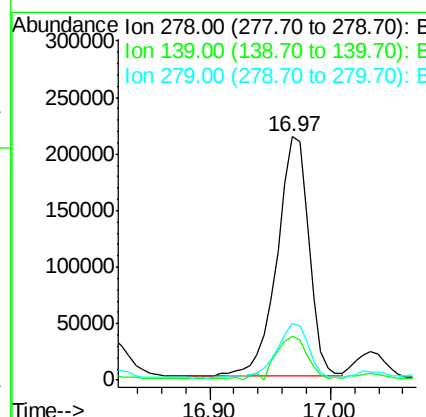
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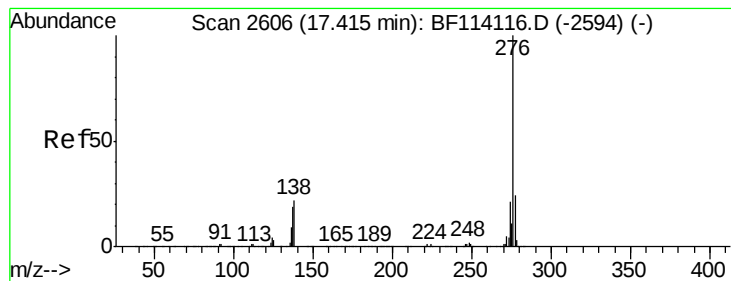
Sohil
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#91
Dibenzo(a,h)anthracene
Concen: 13.847 ng
RT: 16.97 min Scan# 2530
Delta R.T. -0.02 min
Lab File: BF114218.D
Acq: 13 May 2019 3:25

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	13.5	20.3
279	23.4	19.0	28.6





#92

Benzo(a,h,i)perylene

Concen: 29.066 ng

RT: 17.42 min Scan# 2606

Delta R.T. 0.00 min

Lab File: BF114218.D

Acq: 13 May 2019 3:25

Instrument :

BNA_F

ClientSampleId :

P026-SS006-0002-01MS

Tot Ion:	276	Resp:	812622
Ion Ratio		Lower	Upper
276	100		
277	24.1	19.0	28.4
138	23.3	17.8	26.6

Manual Integrations
APPROVED

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