

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
 Data File : BF114193.D
 Acq On : 12 May 2019 15:38
 Operator : JU/SJ
 Sample : K2766-13MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations
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Sohil
 5/13/2019 8:37:22 PM

Quant Time: May 13 08:35:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF051019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 10 15:56:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	330177	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1242483	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	562070	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	969475	20.00	ng	0.00
76) Chrysene-d12	14.02	240	602310	20.00	ng	0.00
87) Perylene-d12	15.49	264	597232	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	2187840	106.63	ng	0.01
7) Phenol-d6	6.51	99	2880318	118.70	ng	0.02
23) Nitrobenzene-d5	7.42	82	1864703	84.22	ng	0.00
42) 2,4,6-Tribromophenol	10.68	330	597574	102.84	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2750281	74.02	ng	0.00
79) Terphenyl-d14	12.96	244	2154236	73.73	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	354936	31.473	ng	98
3) Pyridine	3.46	79	202272	6.510	ng	95
4) n-Nitrosodimethylamine	3.35	42	537153	35.849	ng	94
8) 2-Chlorophenol	6.65	128	902812	41.218	ng	94
9) Benzaldehyde	6.40	77	309971	18.246	ng	97
10) Phenol	6.52	94	1109117	38.853	ng	83
11) bis(2-Chloroethyl)ether	6.59	93	924663	42.666	ng	97
12) 1,3-Dichlorobenzene	6.80	146	915098	37.219	ng	99
13) 1,4-Dichlorobenzene	6.87	146	934607	37.723	ng	97
14) 1,2-Dichlorobenzene	7.03	146	853854	37.723	ng	99
15) Benzyl Alcohol	7.00	79	757427	40.020	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1606136	38.222	ng	92
17) 2-Methylphenol	7.12	107	706978	39.293	ng	# 92
18) Hexachloroethane	7.37	117	324131	34.854	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	618068	40.183	ng	96
20) 3+4-Methylphenols	7.27	107	827681	39.815	ng	# 87
22) Acetophenone	7.26	105	1192765	43.334	ng	# 92
24) Nitrobenzene	7.44	77	968182	42.936	ng	96
25) Isophorone	7.68	82	1715591	41.782	ng	99
26) 2-Nitrophenol	7.75	139	508325	46.464	ng	96
27) 2,4-Dimethylphenol	7.80	122	732555	42.634	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	1125731	42.255	ng	100
29) 2,4-Dichlorophenol	8.00	162	723469	42.284	ng	99
30) 1,2,4-Trichlorobenzene	8.08	180	766068	39.375	ng	99
31) Naphthalene	8.16	128	2417354	41.651	ng	99
32) Benzoic acid	7.93	122	531189	44.036	ng	97
34) Hexachlorobutadiene	8.27	225	421787	38.101	ng	98
35) Caprolactam	8.59	113	187613m	33.628	ng	
36) 4-Chloro-3-methylphenol	8.69	107	740448	42.994	ng	99
37) 2-Methylnaphthalene	8.85	142	1591724	42.507	ng	97
38) 1-Methylnaphthalene	8.95	142	1501935	42.592	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	728318	42.776	ng	100
41) Hexachlorocyclopentadiene	9.00	237	198959	28.051	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	490502	41.883	ng	99

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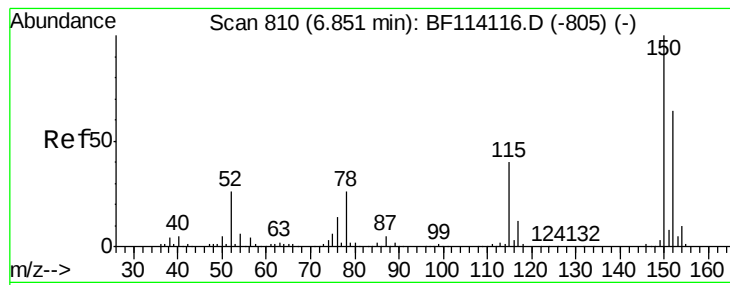
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.17	196	500494	41.672	ng	95
46) 1,1'-Biphenyl	9.31	154	1910887	42.083	ng	99
47) 2-Chloronaphthalene	9.34	162	1464666	40.080	ng	99
48) 2-Nitroaniline	9.43	65	522741	40.335	ng	98
49) Acenaphthylene	9.75	152	2267624	40.799	ng	99
50) Dimethylphthalate	9.62	163	2149519	52.095	ng	# 95
51) 2,6-Dinitrotoluene	9.67	165	390392	42.658	ng	95
52) Acenaphthene	9.93	154	1349764	39.575	ng	99
53) 3-Nitroaniline	9.84	138	114337	10.064	ng	99
54) 2,4-Dinitrophenol	9.96	184	243160	55.130	ng	91
55) Dibenzofuran	10.10	168	1961076	39.212	ng	98
56) 4-Nitrophenol	10.02	139	536084	66.727	ng	92
57) 2,4-Dinitrotoluene	10.08	165	487922	39.280	ng	96
58) Fluorene	10.44	166	1504160	38.937	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	414420	39.990	ng	# 99
60) Diethylphthalate	10.31	149	1615122	38.525	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	733186	38.643	ng	98
62) 4-Nitroaniline	10.45	138	140451	11.765	ng	95
63) Azobenzene	10.59	77	1575989	38.836	ng	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	158673	34.061	ng	97
66) n-Nitrosodiphenylamine	10.55	169	1315276	44.701	ng	100
67) 4-Bromophenyl-phenylether	10.92	248	460468	43.138	ng	99
68) Hexachlorobenzene	10.99	284	514794	43.594	ng	96
69) Atrazine	11.07	200	338265	36.942	ng	98
70) Pentachlorophenol	11.19	266	484445	86.542	ng	97
71) Phenanthrene	11.40	178	2030646	43.053	ng	100
72) Anthracene	11.45	178	2009545	42.418	ng	100
73) Carbazole	11.60	167	1714553	37.953	ng	100
74) Di-n-butylphthalate	11.93	149	2213318	42.526	ng	99
75) Fluoranthene	12.59	202	2004967	39.474	ng	97
78) Pyrene	12.82	202	2080477	42.938	ng	99
80) Butylbenzylphthalate	13.43	149	815235	39.974	ng	93
81) Benzo(a)anthracene	14.01	228	1664581	42.729	ng	99
83) Chrysene	14.04	228	1400244	36.666	ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1207931	45.287	ng	100
85) Di-n-octyl phthalate	14.60	149	2063353	47.720	ng	100
86) Indeno(1,2,3-cd)pyrene	16.97	276	1374065	40.712	ng	98
88) Benzo(b)fluoranthene	15.06	252	1662036	43.438	ng	98
89) Benzo(k)fluoranthene	15.09	252	1495729	42.556	ng	99
90) Benzo(a)pyrene	15.43	252	1454368	43.190	ng	99
91) Dibenzo(a,h)anthracene	16.98	278	1148094	41.031	ng	98
92) Benzo(g,h,i)perylene	17.42	276	1138446	40.599	ng	98

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



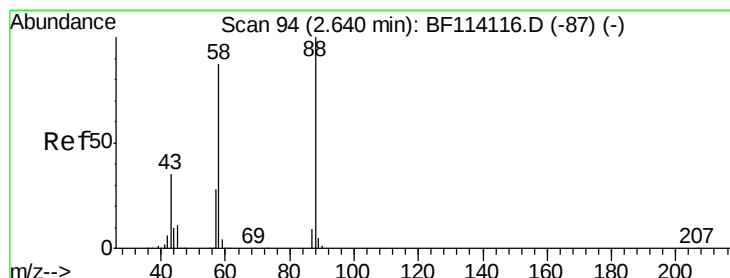
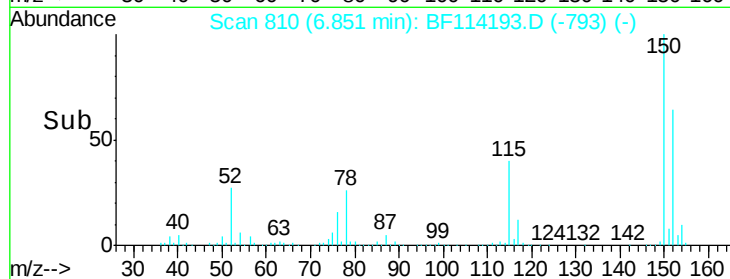
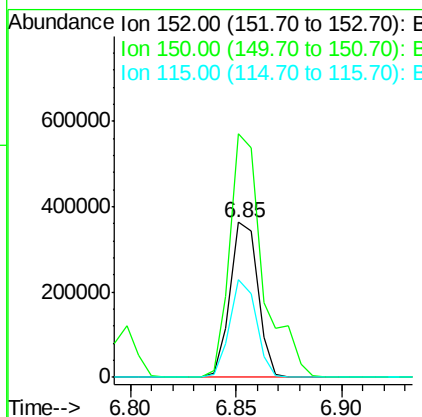
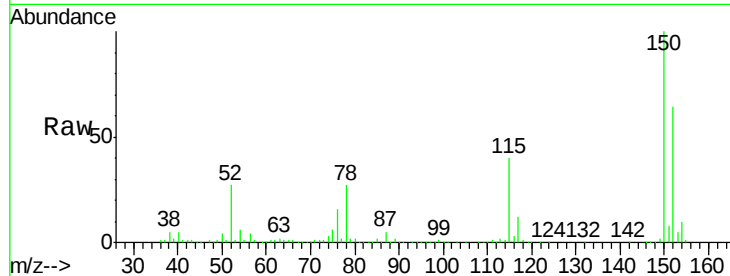
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

Instrument :
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 ClientSampleId :
 P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.3	186.5
115	63.1	49.1	73.7

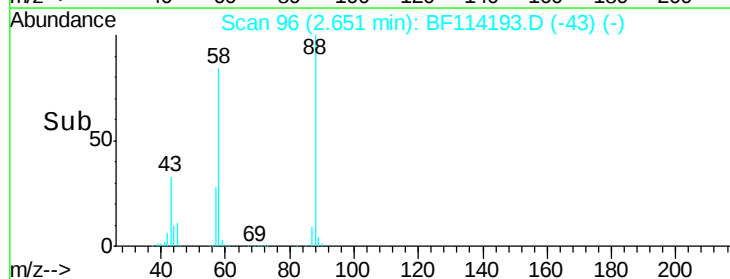
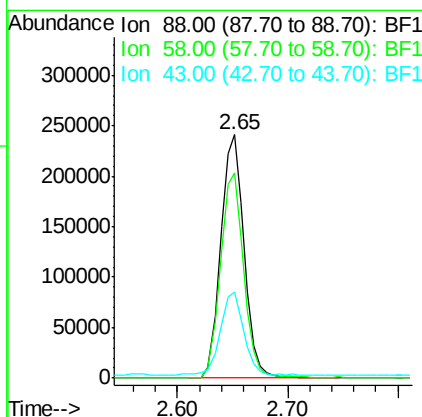
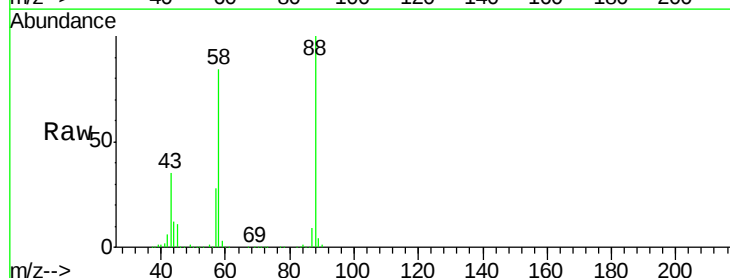
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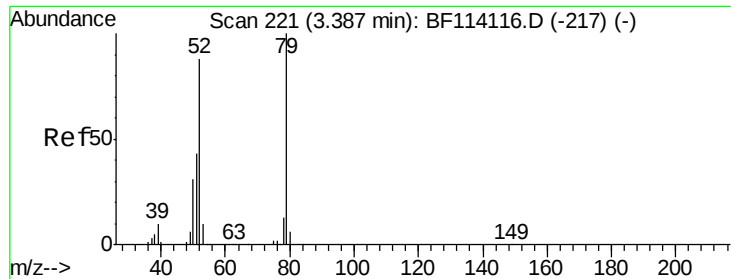
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#2
 1,4-Dioxane
 Concen: 31.473 ng
 RT: 2.65 min Scan# 96
 Delta R.T. 0.01 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.7	68.7	103.1
43	35.0	28.2	42.2





#3

Pvridine

Concen: 6.510 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.07 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

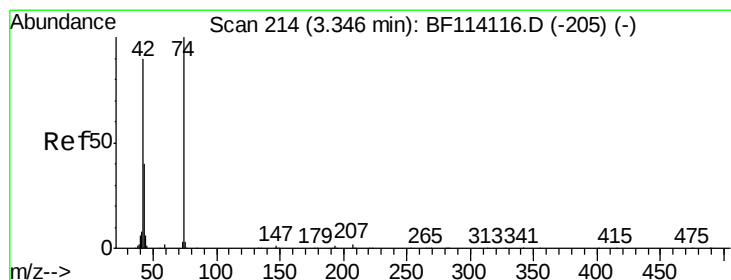
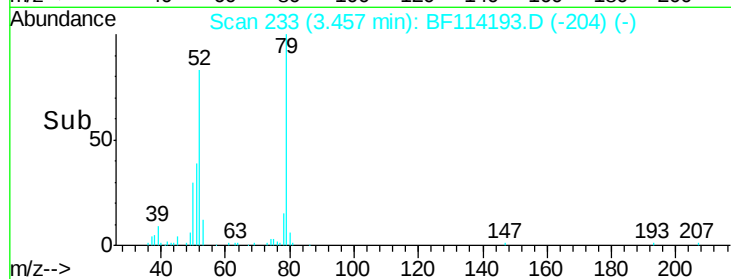
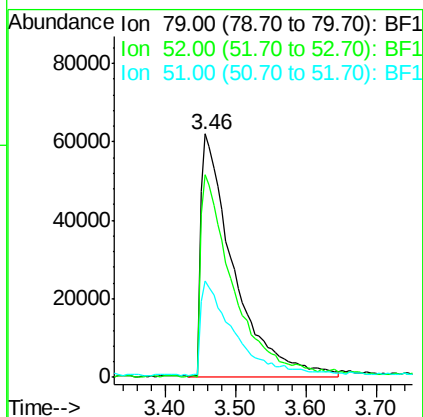
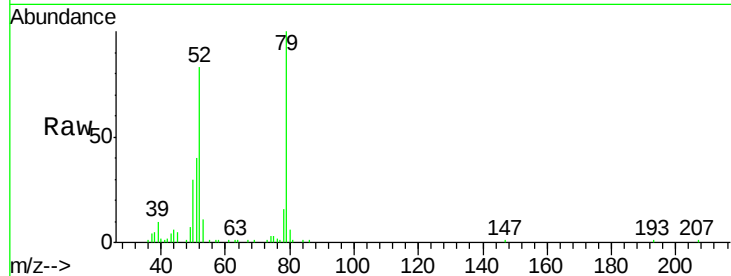
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	79	Resp:	202272
Ion Ratio	Lower	Upper	
79	100		
52	83.0	70.6	105.8
51	39.7	34.2	51.2

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#4

n-Nitrosodimethylamine

Concen: 35.849 ng

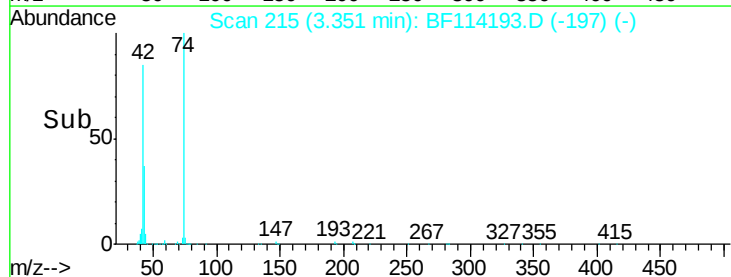
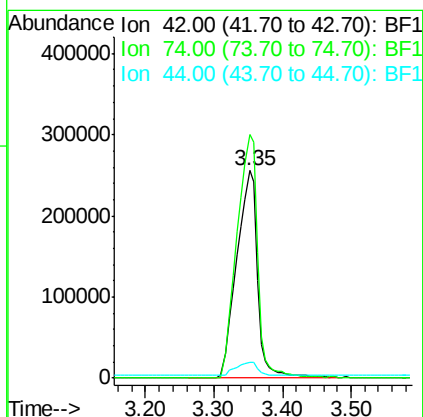
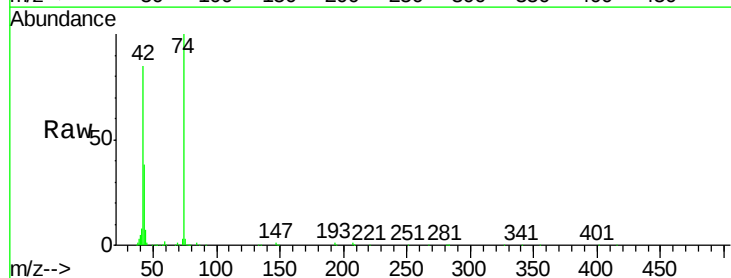
RT: 3.35 min Scan# 215

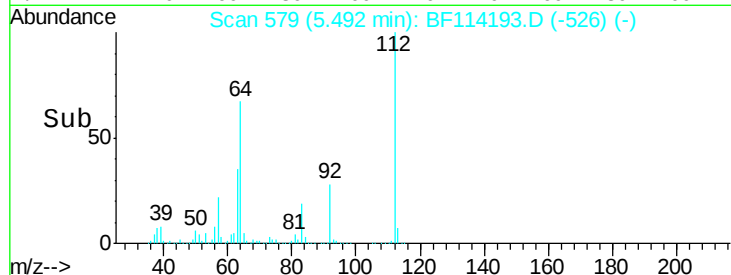
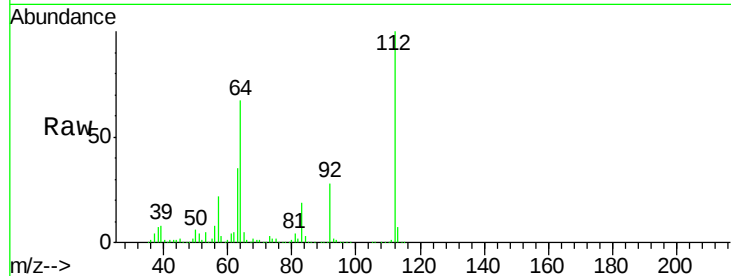
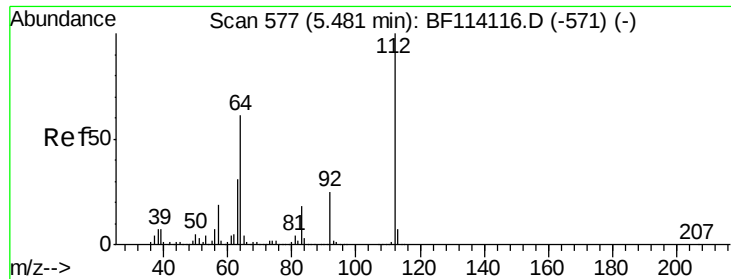
Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion:	42	Resp:	537153
Ion Ratio	Lower	Upper	
42	100		
74	117.5	88.6	132.8
44	7.7	5.5	8.3





#5

2-Fluorophenol

Concen: 106.634 ng

RT: 5.49 min Scan# 579

Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tot Ion:	112	Resp:	2187840
Ion	Ratio	Lower	Upper
112	100		
64	67.1	49.0	73.6
63	34.6	24.6	37.0

Instrument :

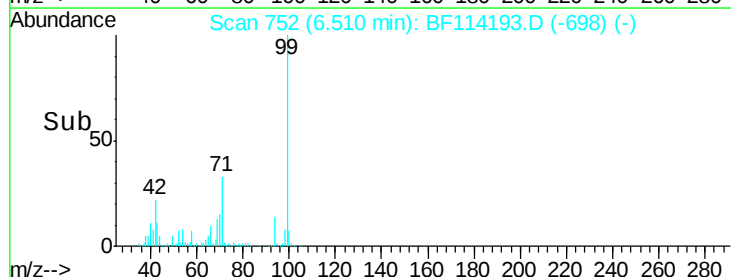
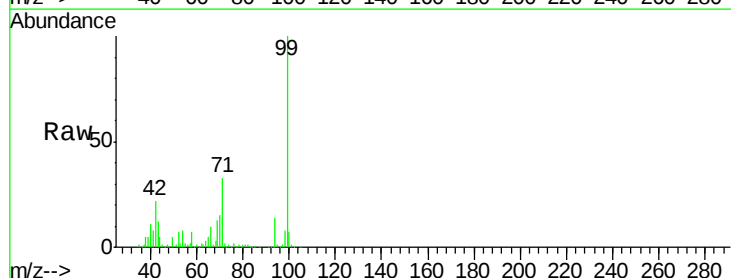
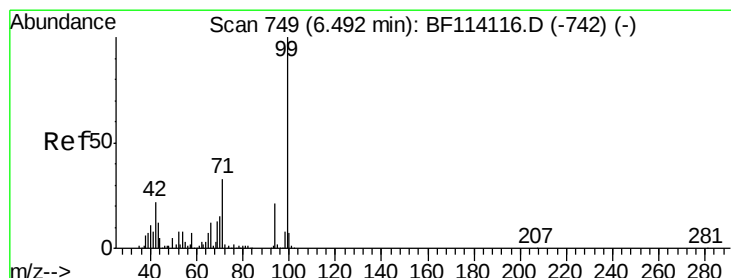
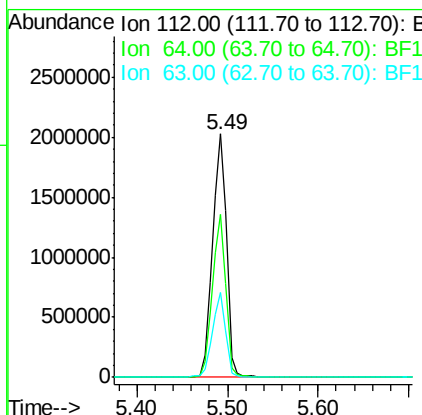
BNA_F

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#7

Phenol-d6

Concen: 118.695 ng

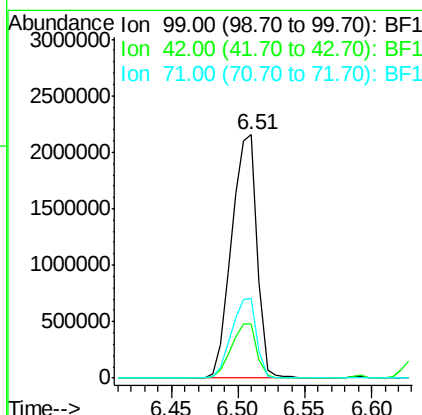
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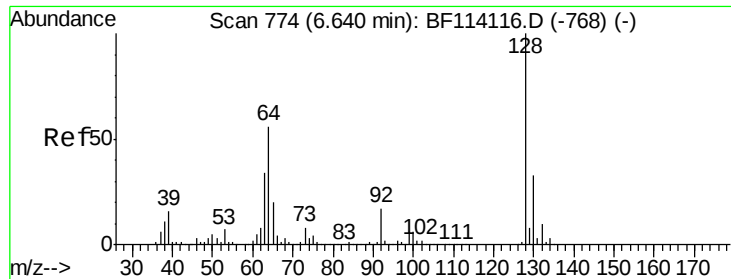
Delta R.T. 0.02 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion:	99	Resp:	2880318
Ion	Ratio	Lower	Upper
99	100		
42	22.1	17.9	26.9
71	32.5	26.2	39.2





#8

2-Chlorophenol

Concen: 41.218 ng

RT: 6.65 min Scan# 776

Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

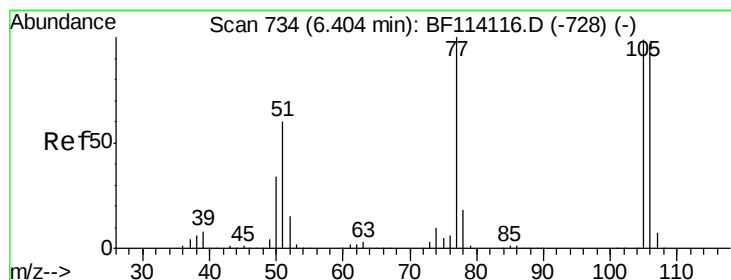
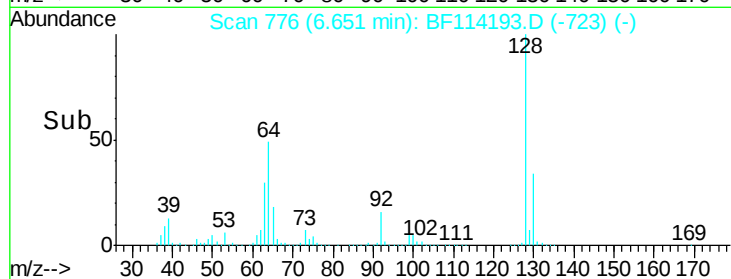
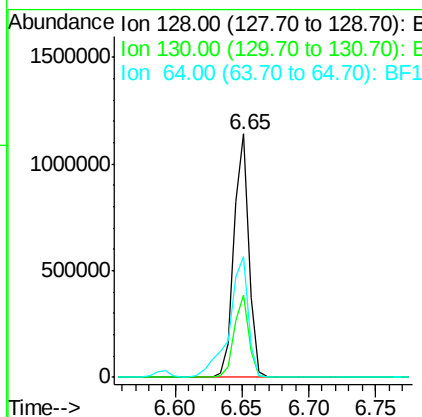
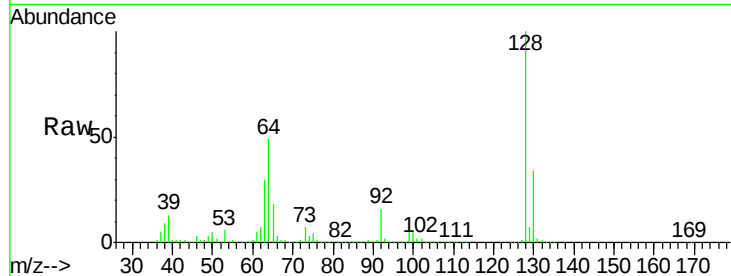
ClientSampleId :

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Tot Ion:	128	Resp:	902812
Ion Ratio	Lower	Upper	
128	100		
130	33.7	12.6	52.6
64	49.3	35.9	75.9

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#9

Benzaldehyde

Concen: 18.246 ng

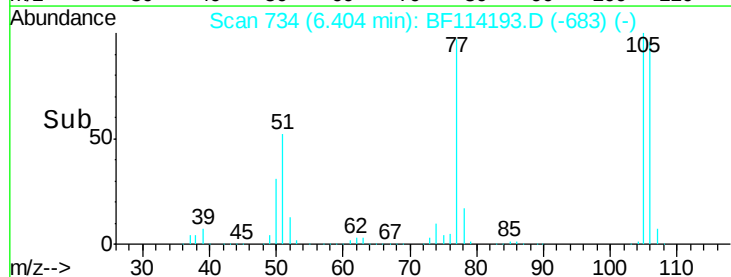
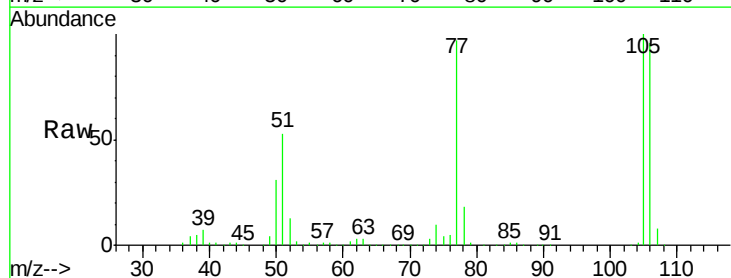
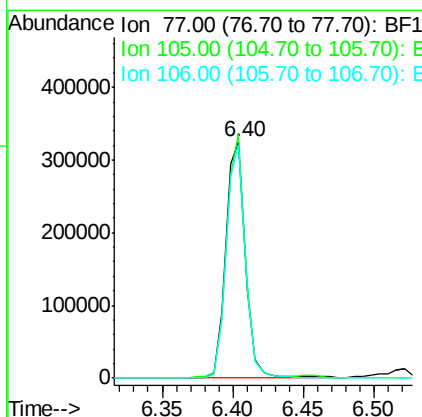
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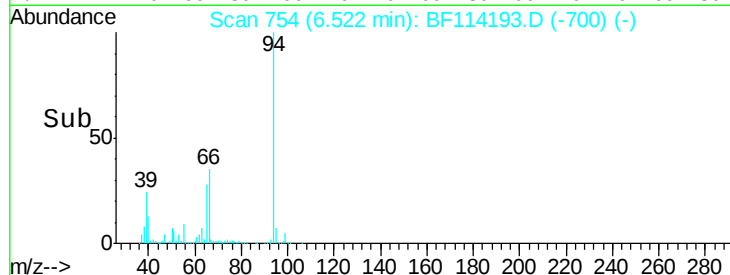
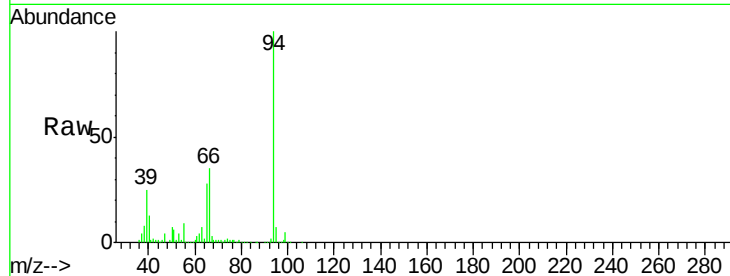
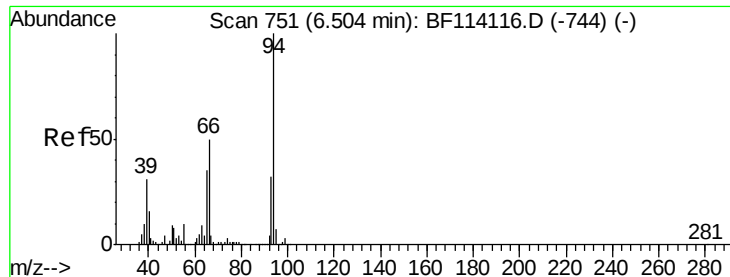
Delta R.T. -0.00 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion:	77	Resp:	309971
Ion Ratio	Lower	Upper	
77	100		
105	103.1	79.3	119.3
106	99.0	77.0	117.0





#10

Phenol

Concen: 38.853 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.02 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tot Ion:	94	Resp:	1109117
Ion	Ratio	Lower	Upper
94	100		
65	28.2	14.7	54.7
66	34.8	29.6	69.6

Instrument :

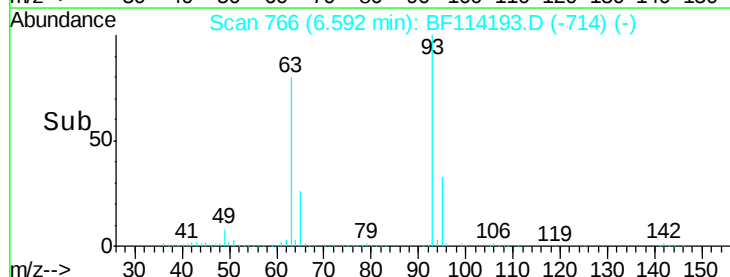
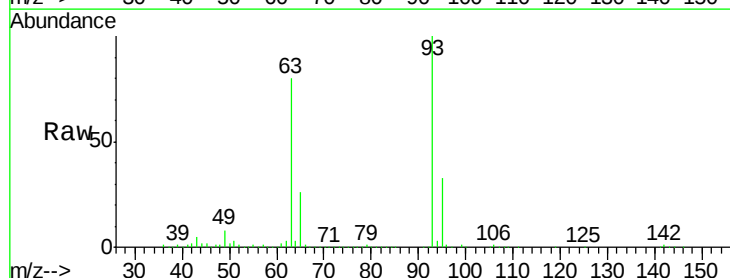
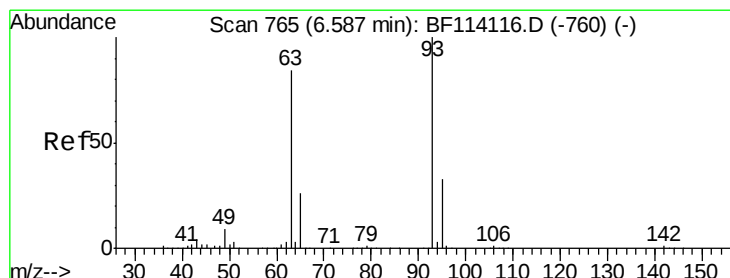
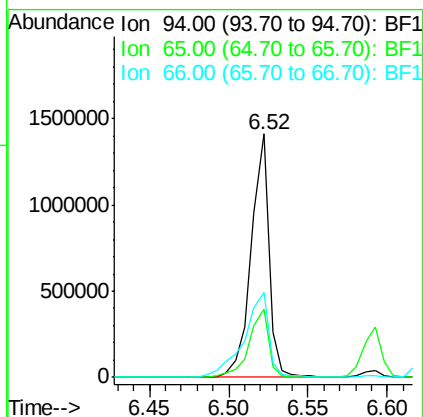
BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Manual Integrations
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#11

bis(2-Chloroethyl)ether

Concen: 42.666 ng

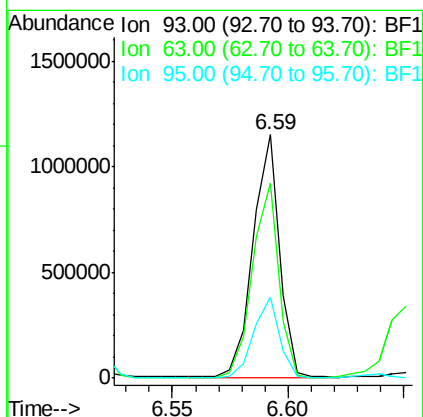
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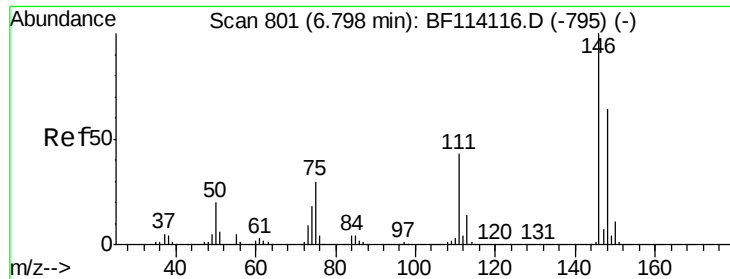
Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion:	93	Resp:	924663
Ion	Ratio	Lower	Upper
93	100		
63	80.3	63.6	103.6
95	33.4	13.1	53.1





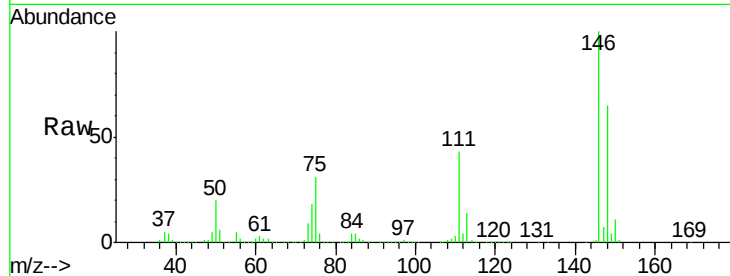
#12
 1,3-Dichlorobenzene
 Concen: 37.219 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.00 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

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

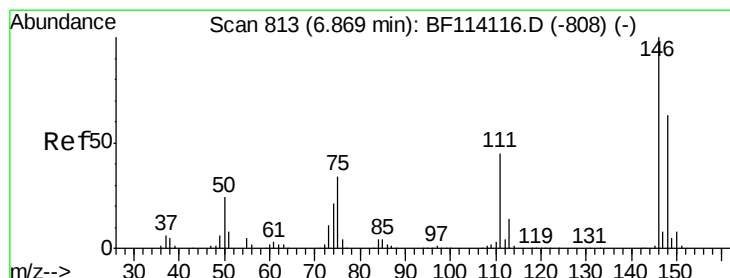
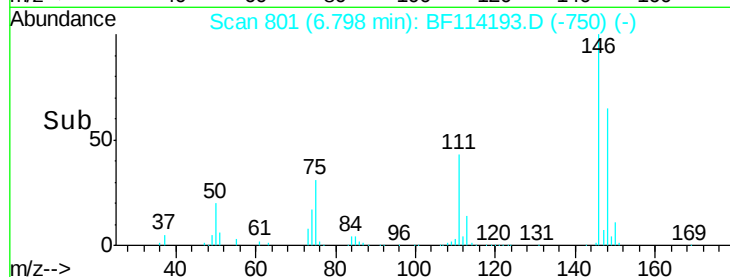
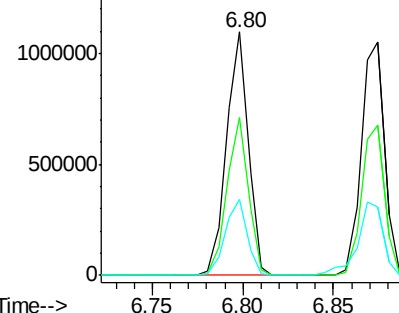
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.6	77.4
75	31.0	24.2	36.2

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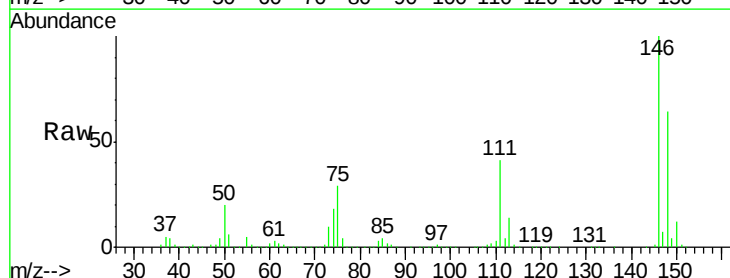


Abundance Ion 146.00 (145.70 to 146.70): E
 1500000
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

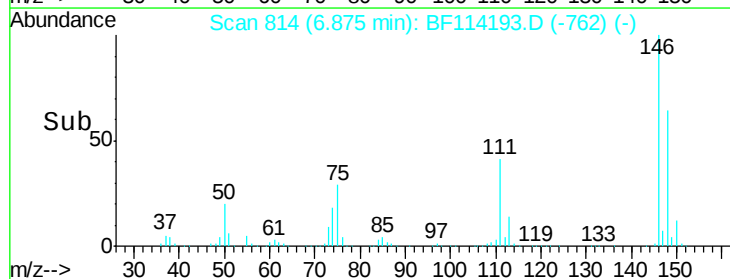
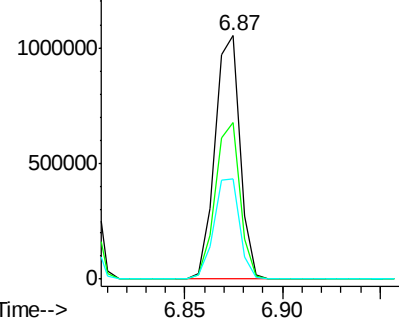


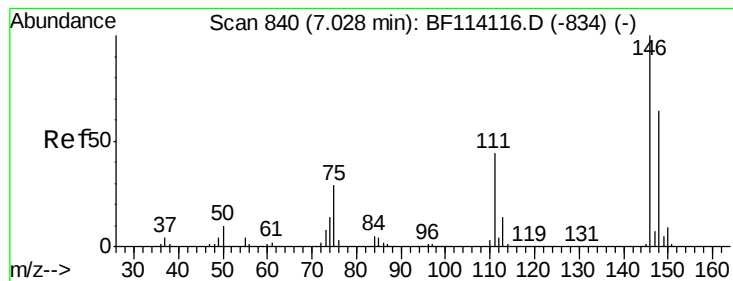
#13
 1,4-Dichlorobenzene
 Concen: 37.723 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.2
111	41.2	35.8	53.6



Abundance Ion 146.00 (145.70 to 146.70): E
 1000000
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





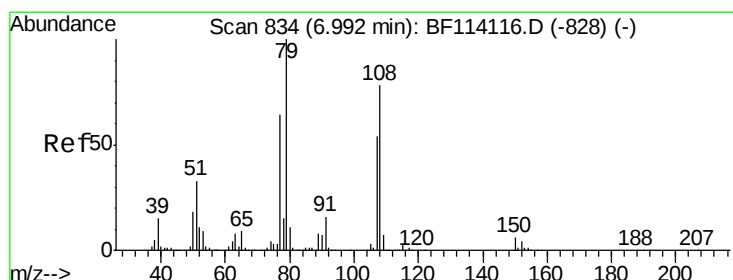
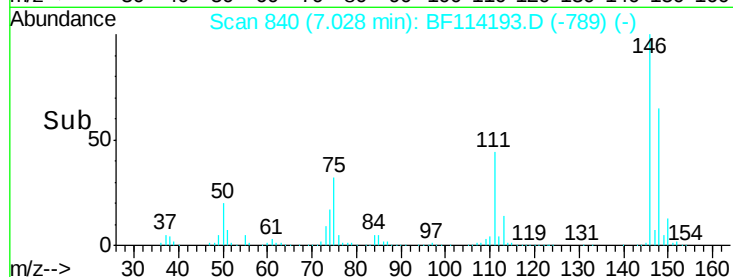
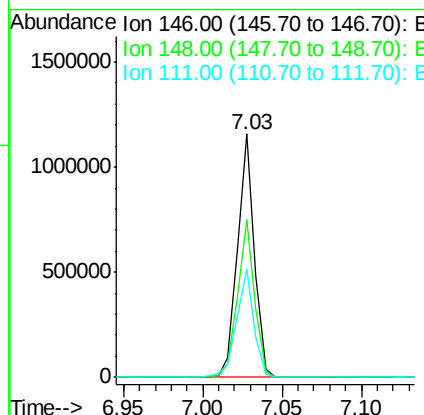
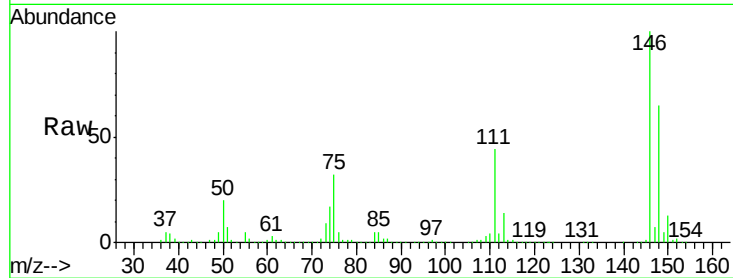
#14
1,2-Dichlorobenzene
Concen: 37.723 ng
RT: 7.03 min Scan# 840
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.1	76.7
111	44.1	35.3	52.9

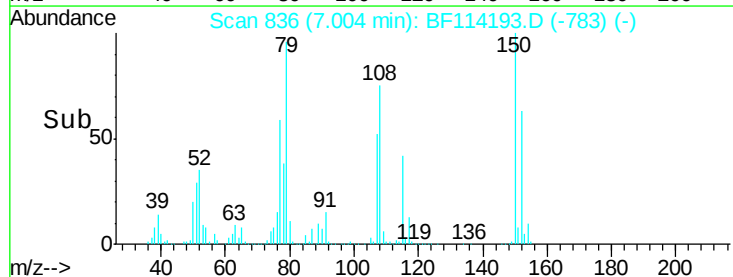
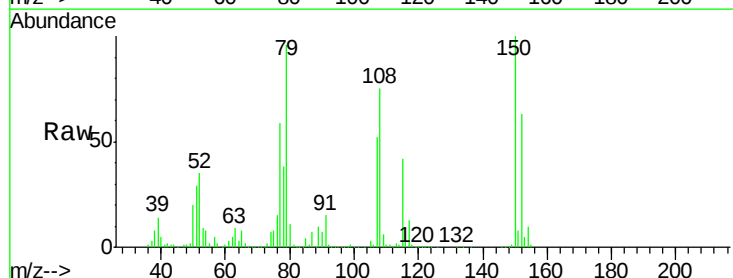
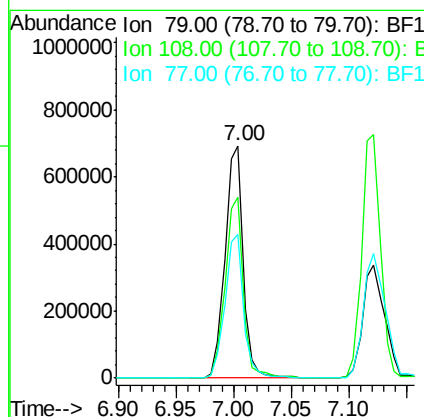
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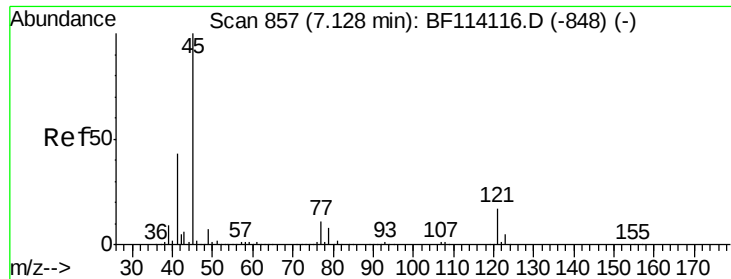
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#15
Benzyl Alcohol
Concen: 40.020 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
79	100		
108	77.7	62.1	93.1
77	61.9	51.0	76.6





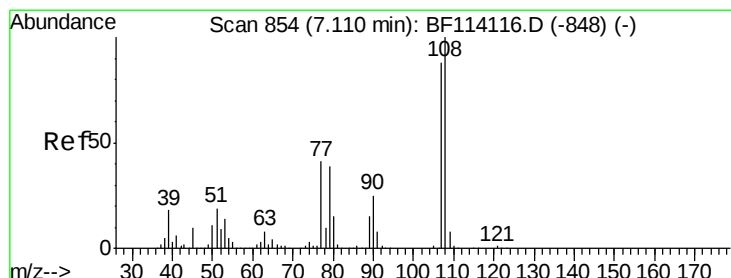
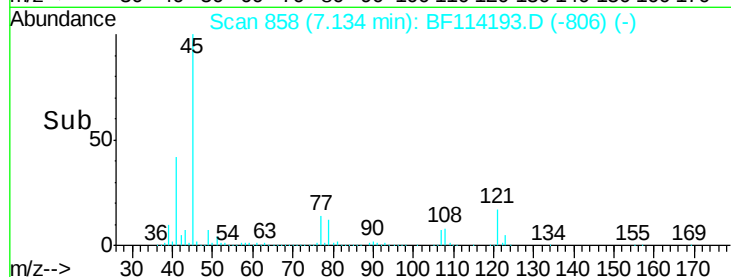
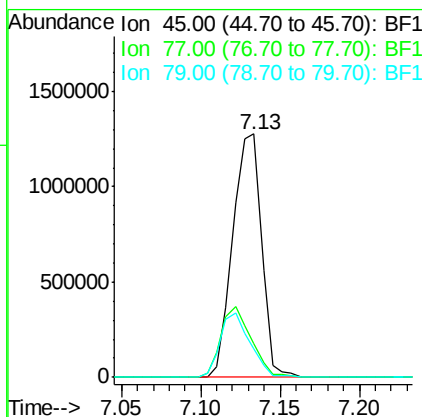
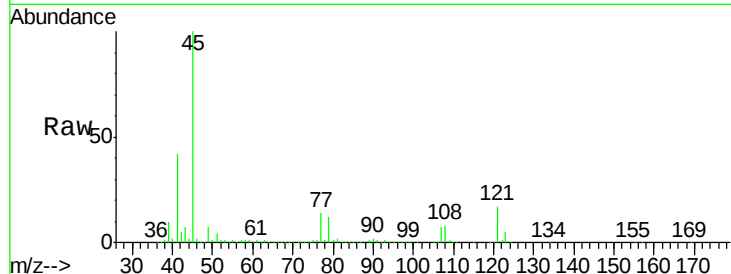
#16
2,2'-oxvbis(1-Chloropropane)
Concen: 38.222 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Lower	Upper
45	100		
77	14.0	0.0	31.1
79	11.7	0.0	28.4

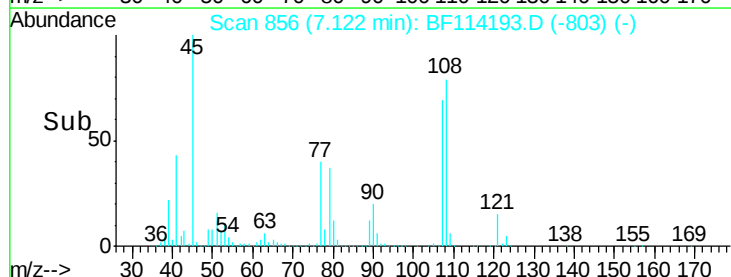
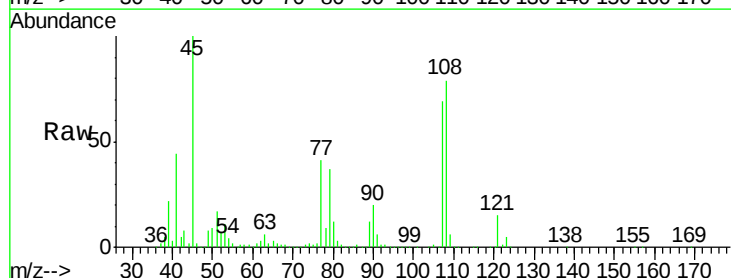
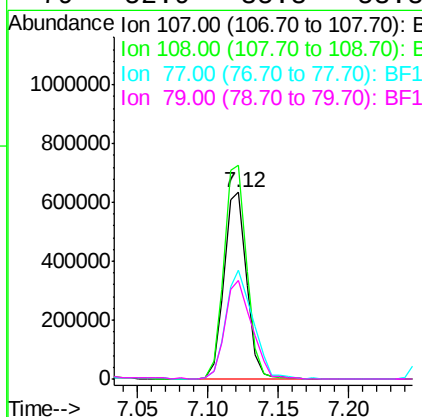
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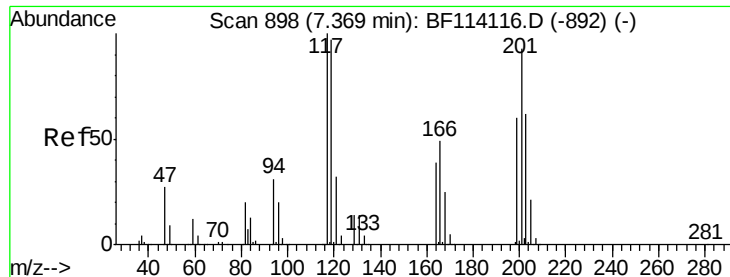
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#17
2-Methylphenol
Concen: 39.293 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
107	100		
108	114.4	90.5	135.7
77	58.5	37.0	55.4
79	52.9	35.8	53.8





#18

Hexachloroethane

Concen: 34.854 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.00 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

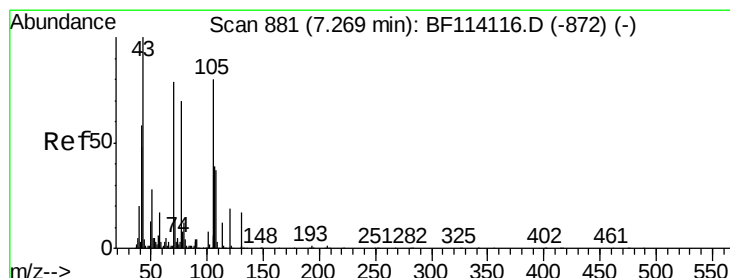
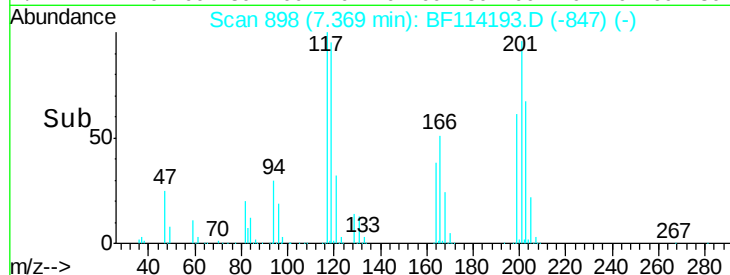
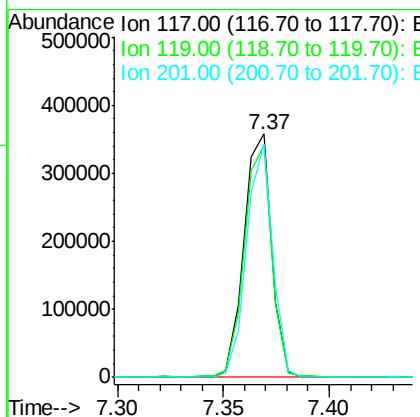
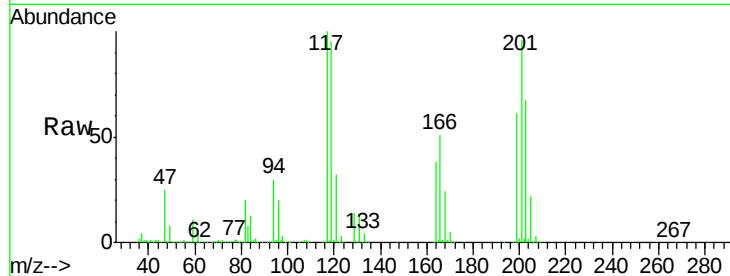
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	117	Resp:	324131
Ion Ratio	Lower	Upper	
117	100		
119	95.4	77.4	116.2
201	95.9	74.5	111.7

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#19

n-Nitroso-di-n-propylamine

Concen: 40.183 ng

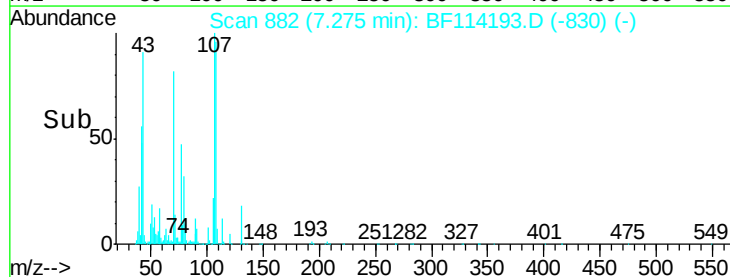
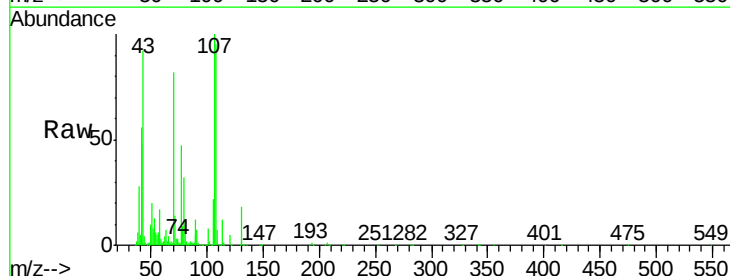
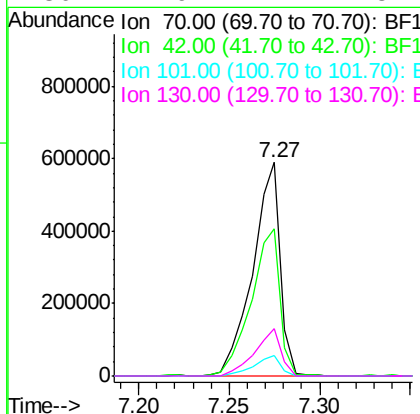
RT: 7.27 min Scan# 882

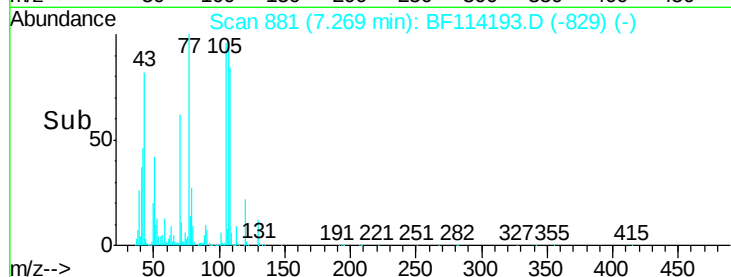
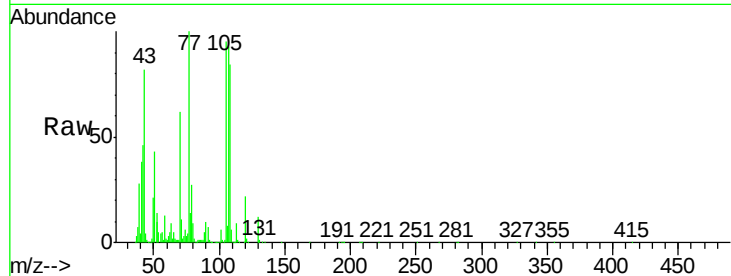
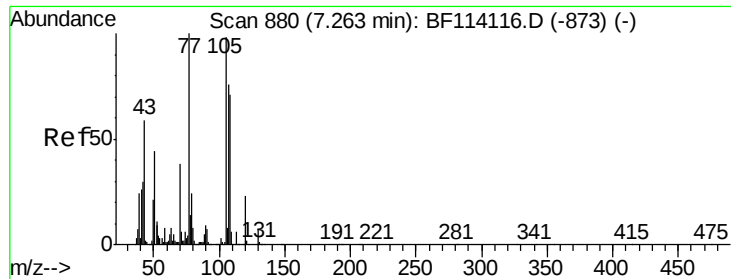
Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

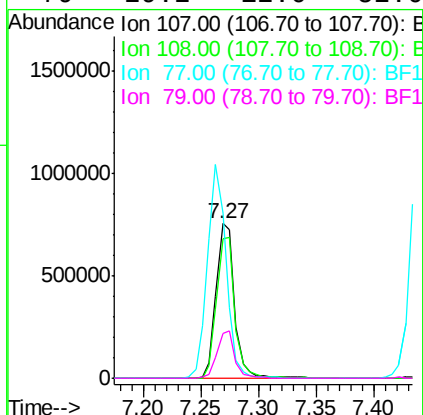
Tgt Ion:	70	Resp:	618068
Ion Ratio	Lower	Upper	
70	100		
42	69.2	58.6	87.8
101	9.7	7.8	11.8
130	21.9	17.1	25.7





#20
3+4-Methylphenols
Concen: 39.815 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

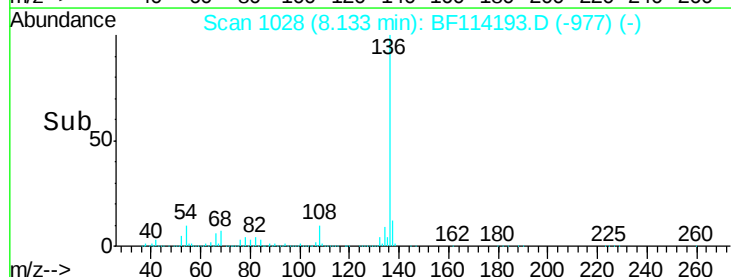
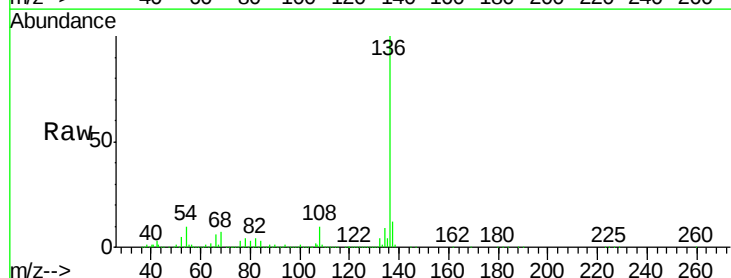
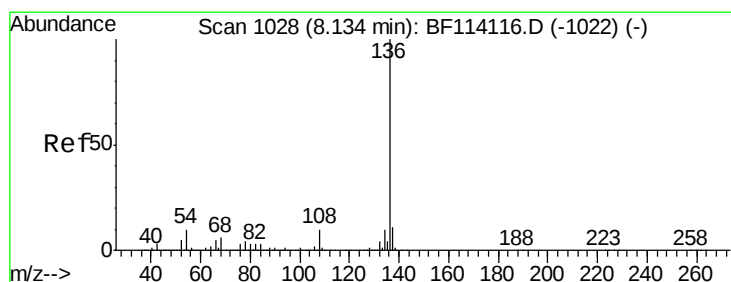
Tot Ion	Ratio	Resp	Lower	Upper
107	100	827681		
108	90.0	73.8	113.8	
77	107.1	111.5	151.5	
79	29.2	12.0	52.0	



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

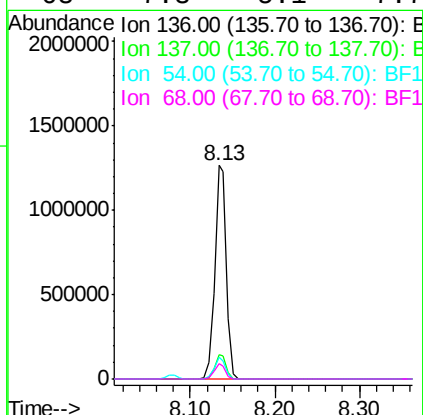
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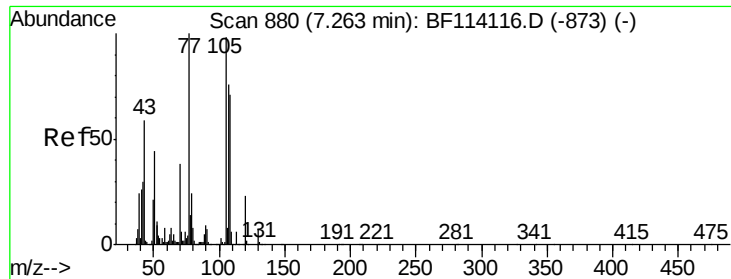
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	1242483		
137	11.6	8.8	13.2	
54	10.3	7.8	11.8	
68	7.3	5.1	7.7	





#22

Acetophenone

Concen: 43.334 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

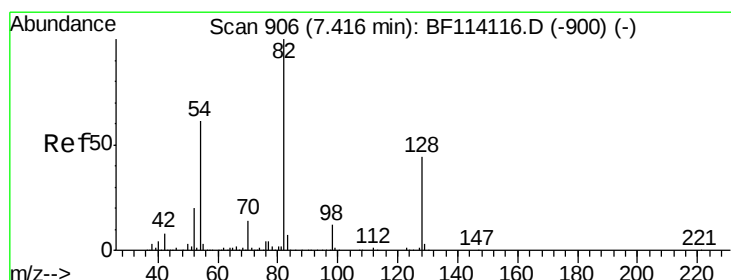
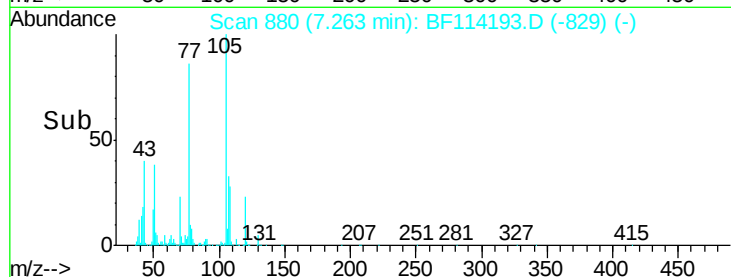
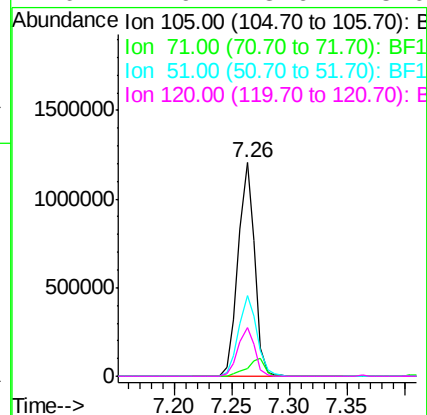
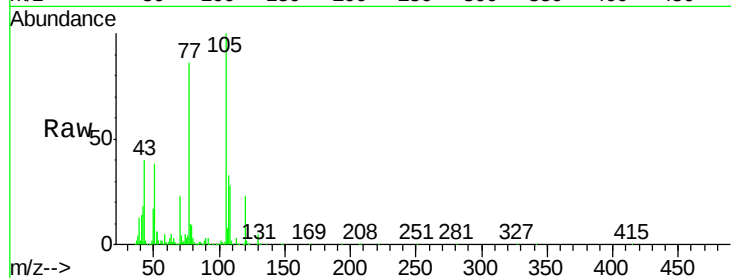
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion	Ratio	Lower	Upper
105	100		
71	3.9	5.3	7.9#
51	38.0	36.2	54.4
120	22.9	18.6	28.0

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#23

Nitrobenzene-d5

Concen: 84.224 ng

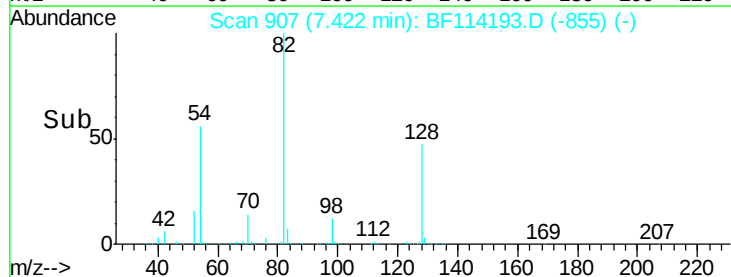
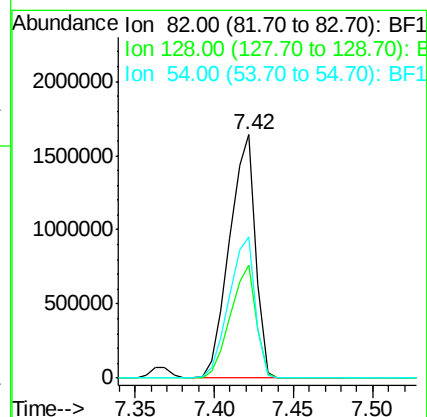
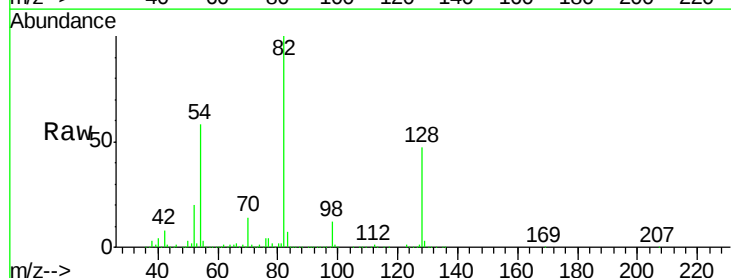
RT: 7.42 min Scan# 907

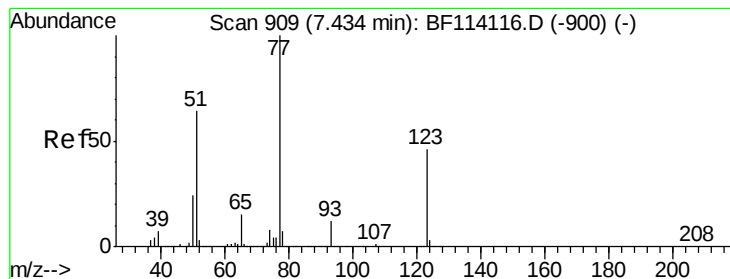
Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.6	35.5	53.3
54	58.2	48.5	72.7





#24

Nitrobenzene

Concen: 42.936 ng

RT: 7.44 min Scan# 910

Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

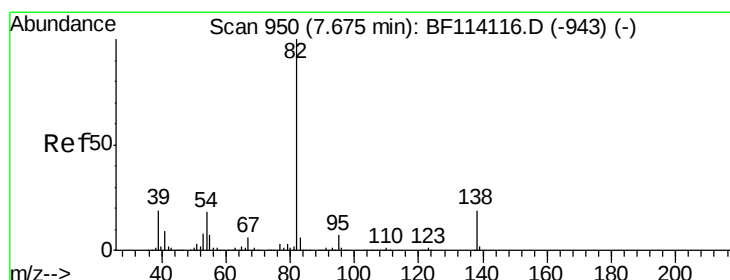
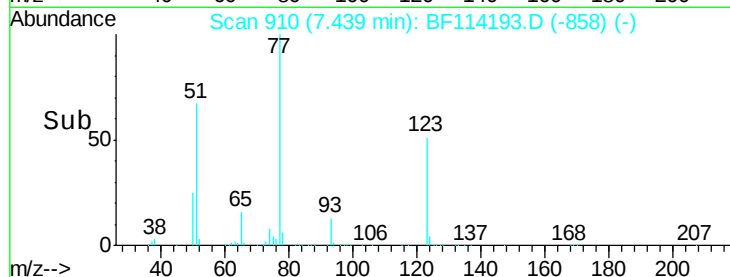
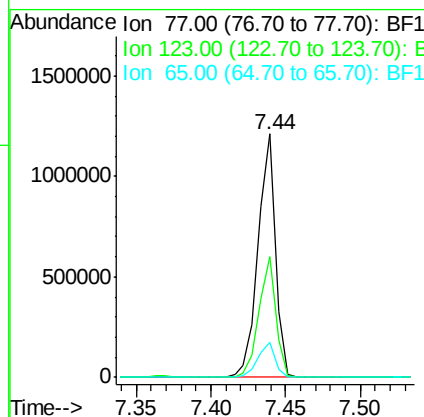
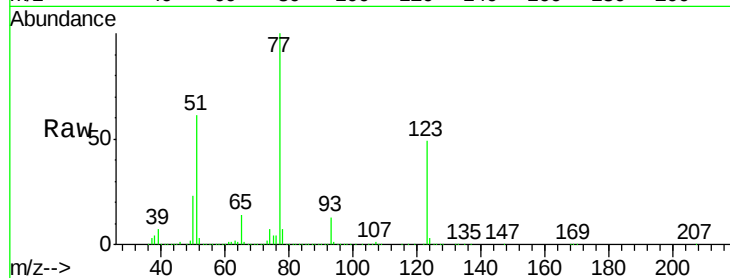
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	77	Resp:	968182
Ion Ratio	Lower	Upper	
77	100		
123	49.5	36.9	55.3
65	14.3	11.8	17.6

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#25

Isophorone

Concen: 41.782 ng

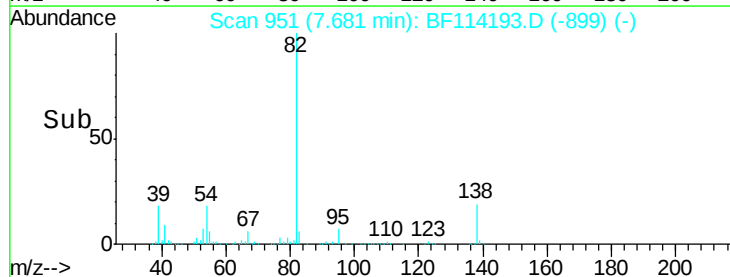
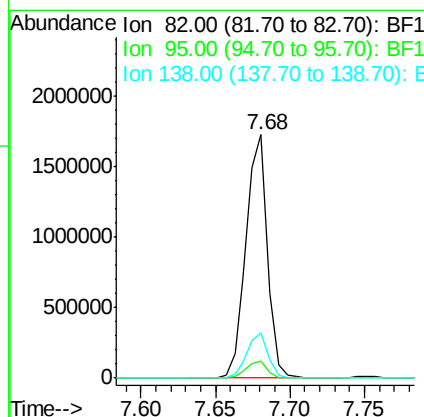
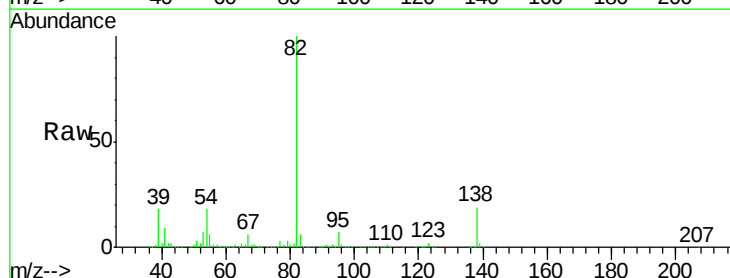
RT: 7.68 min Scan# 951

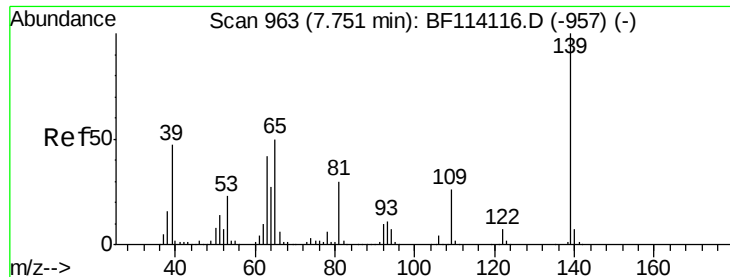
Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion:	82	Resp:	1715591
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.6	8.4
138	18.8	14.8	22.2





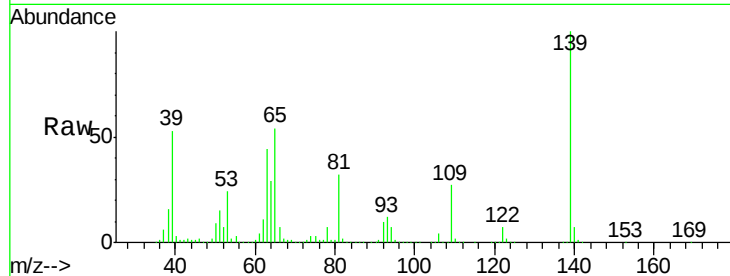
#26
2-Nitrophenol
Concen: 46.464 ng
RT: 7.75 min Scan# 963
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

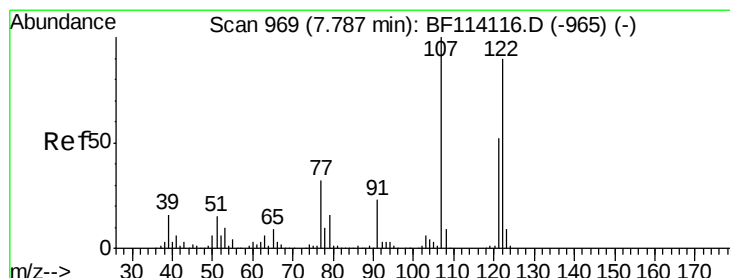
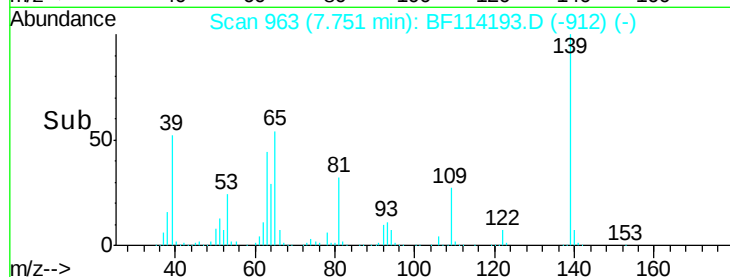
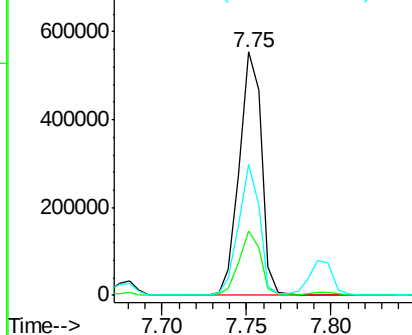
Tot Ion	Ratio	Resp	Lower	Upper
139	100	508325		
109	26.6	20.7	31.1	
65	54.0	40.2	60.2	

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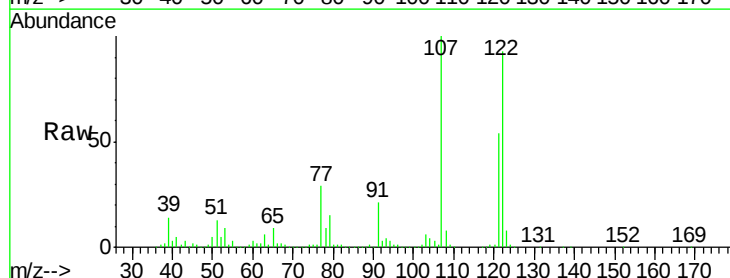


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

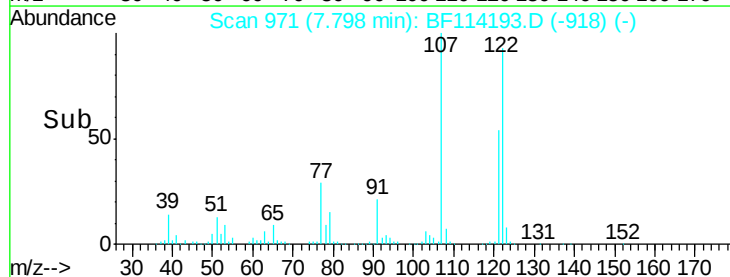
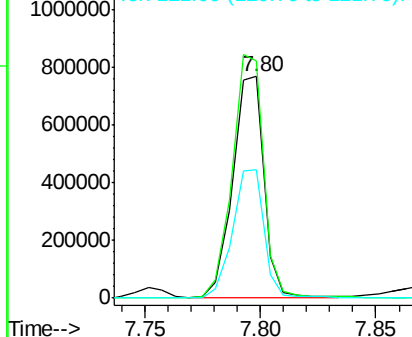


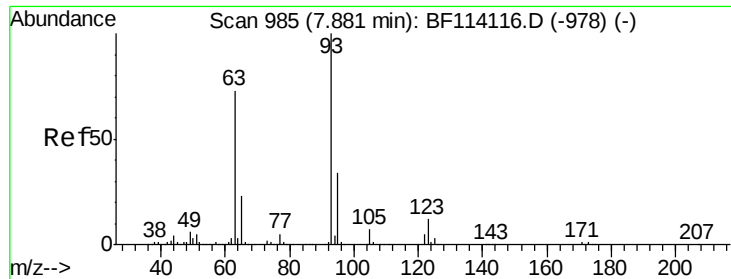
#27
2,4-Dimethylphenol
Concen: 42.634 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	732555		
107	107.3	88.4	132.6	
121	57.9	45.9	68.9	



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E





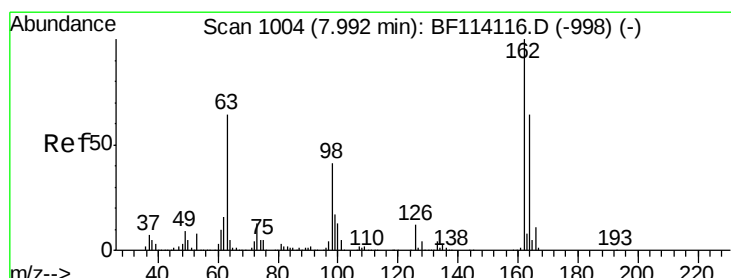
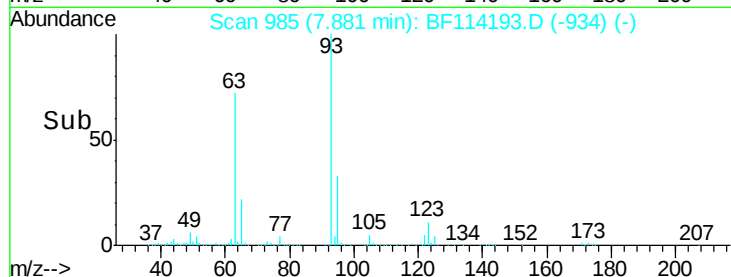
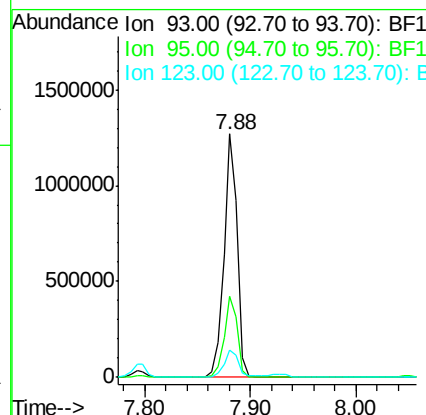
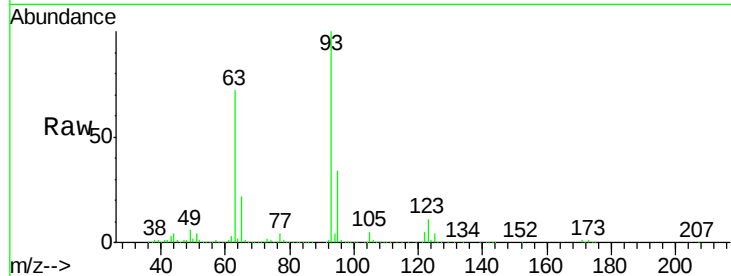
#28
bis(2-Chloroethoxy)methane
Concen: 42.255 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion: 93 Resp: 1125731
Ion Ratio Lower Upper
93 100
95 33.5 26.8 40.2
123 11.3 9.5 14.3

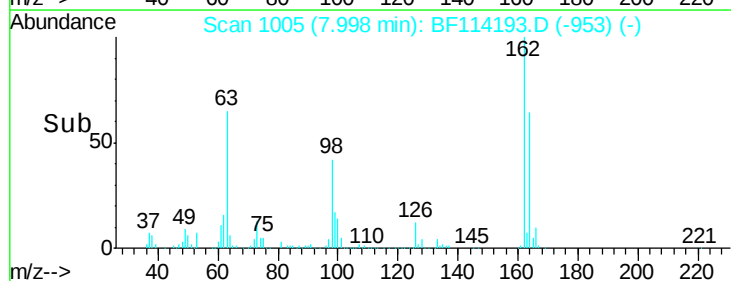
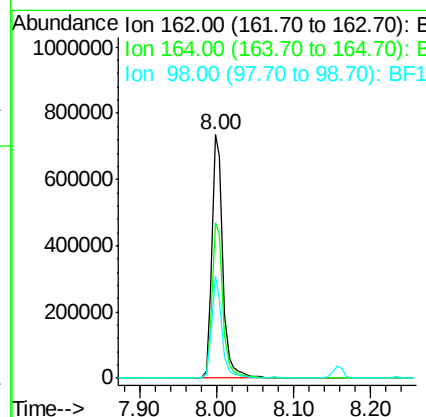
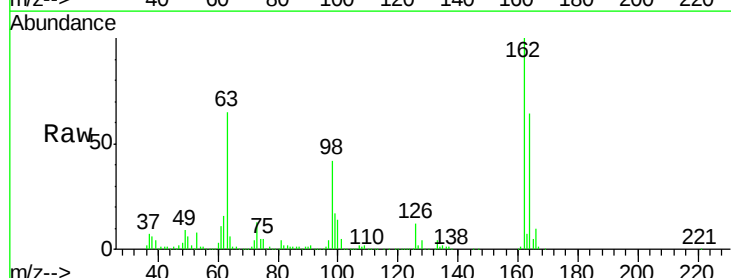
Manual Integrations
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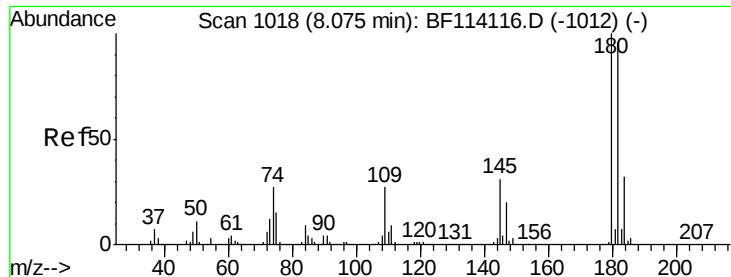
Sohil
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#29
2,4-Dichlorophenol
Concen: 42.284 ng
RT: 8.00 min Scan# 1005
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion: 162 Resp: 723469
Ion Ratio Lower Upper
162 100
164 63.5 43.6 83.6
98 41.9 20.6 60.6





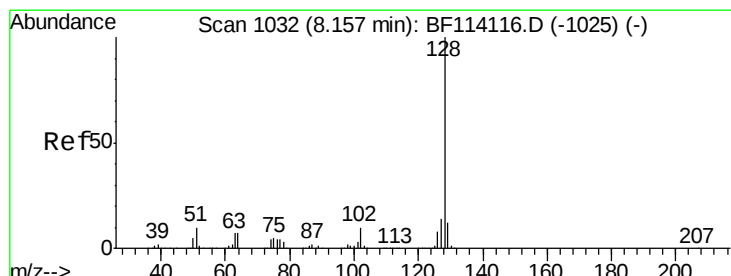
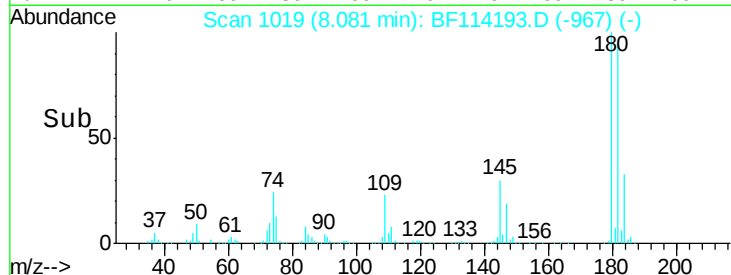
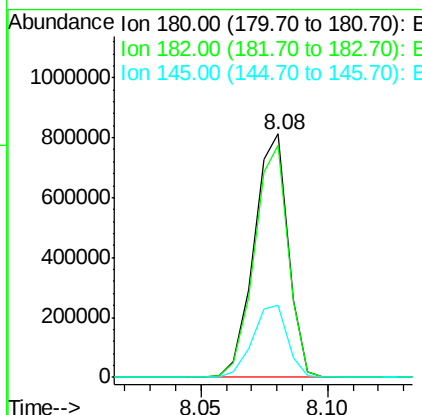
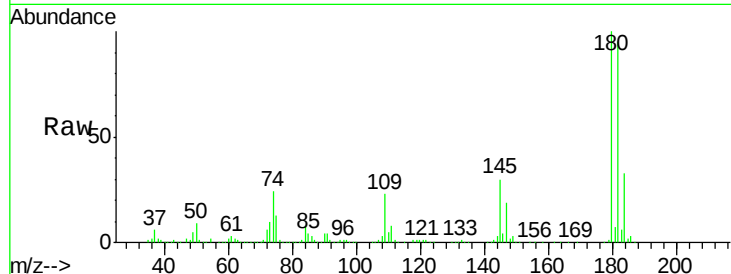
#30
1,2,4-Trichlorobenzene
Concen: 39.375 ng
RT: 8.08 min Scan# 1019
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Resp	Lower	Upper
180	100	766068		
182	95.1	76.6	114.8	
145	29.8	25.1	37.7	

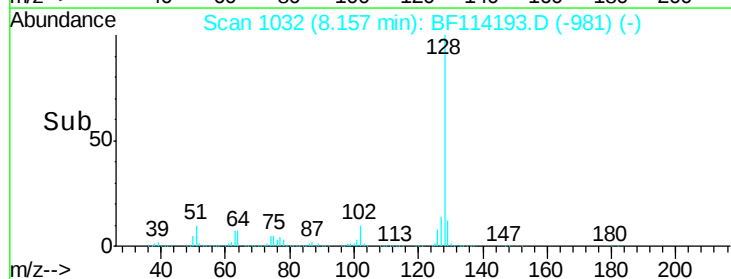
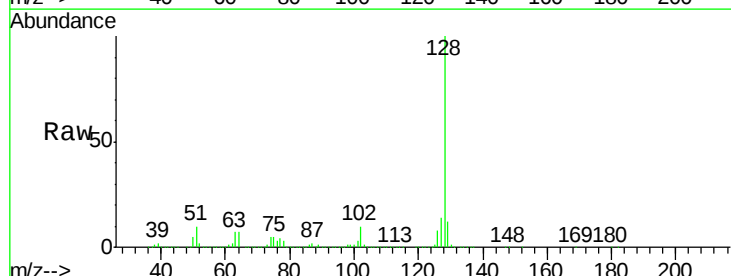
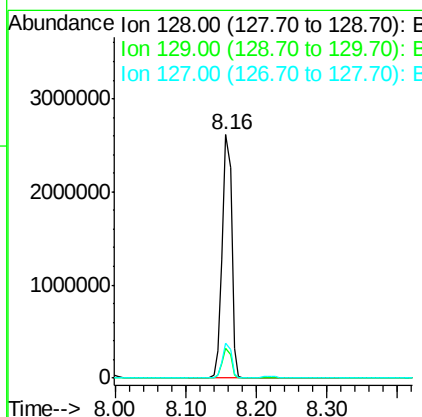
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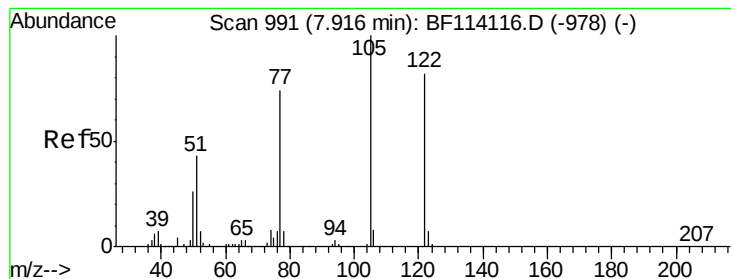
Sohil
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#31
Naphthalene
Concen: 41.651 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	2417354		
129	12.4	9.6	14.4	
127	14.2	11.3	16.9	





#32

Benzoic acid

Concen: 44.036 ng

RT: 7.93 min Scan# 993

Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

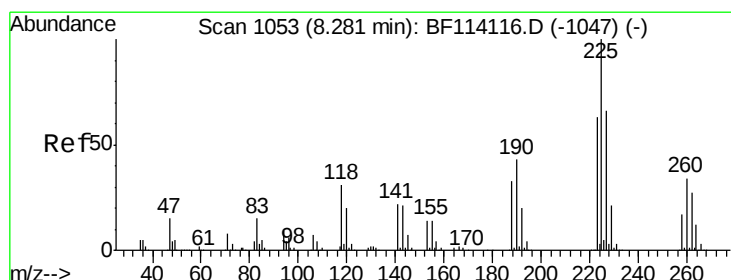
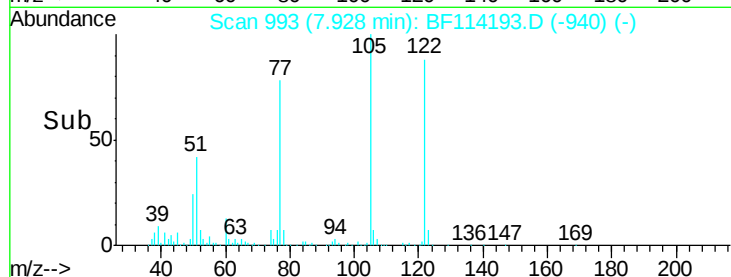
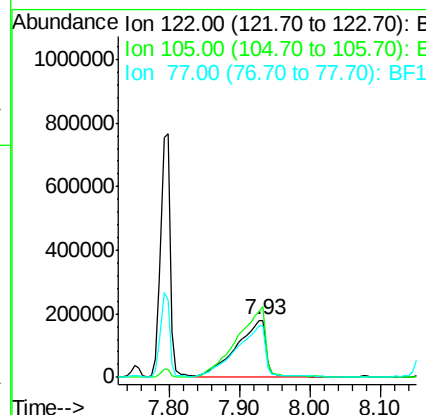
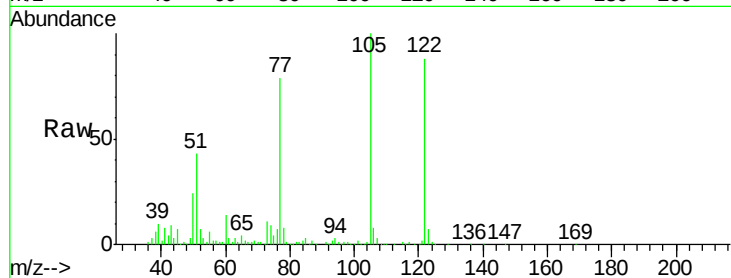
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	122	Resp:	531189
Ion Ratio	Lower	Upper	
122	100		
105	114.2	99.9	139.9
77	89.9	69.4	109.4

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#34

Hexachlorobutadiene

Concen: 38.101 ng

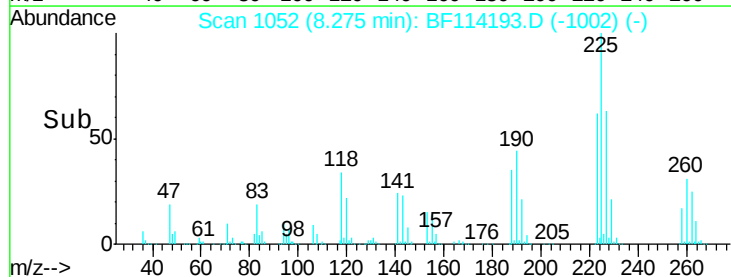
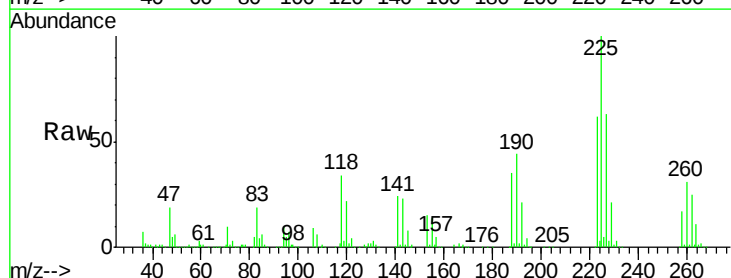
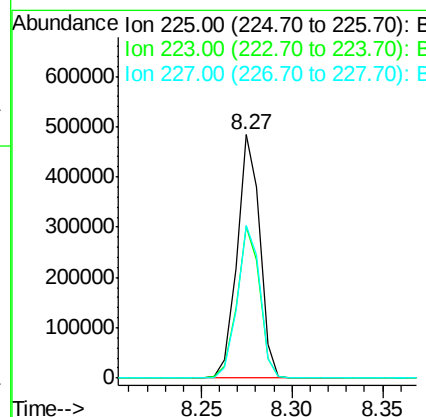
RT: 8.27 min Scan# 1052

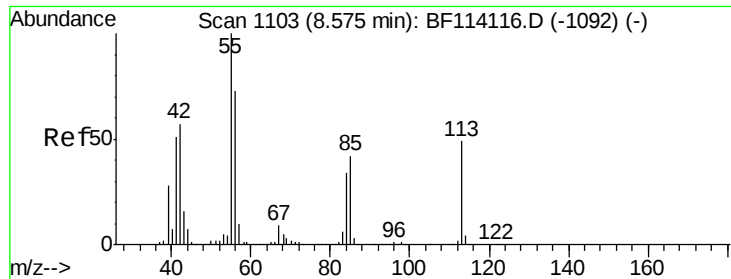
Delta R.T. -0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion:	225	Resp:	421787
Ion Ratio	Lower	Upper	
225	100		
223	62.3	50.2	75.2
227	62.9	52.6	79.0





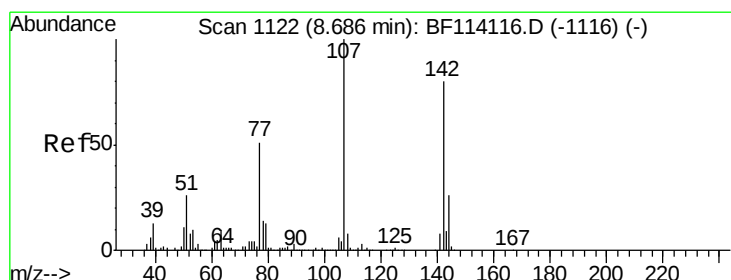
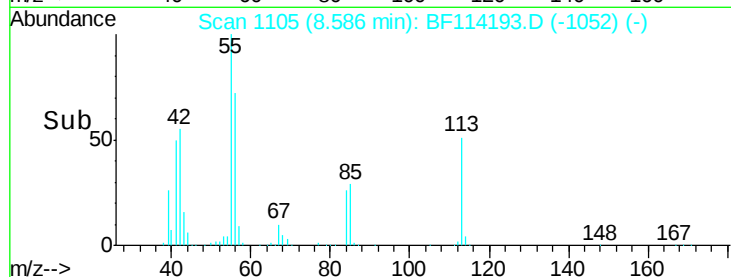
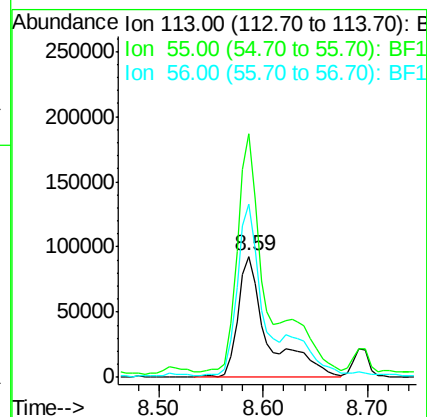
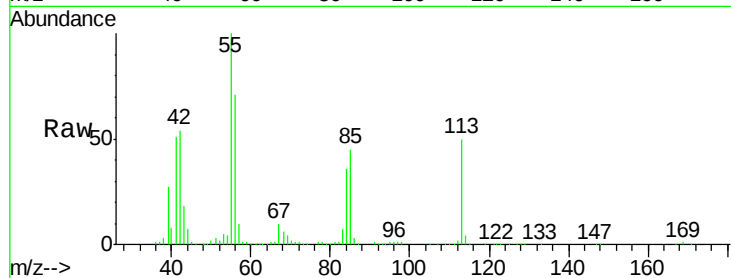
#35
 Caprolactam
 Concen: 33.628 ng/ml
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Lower	Upper
113	100		
55	200.8	183.5	223.5
56	143.1	128.8	168.8

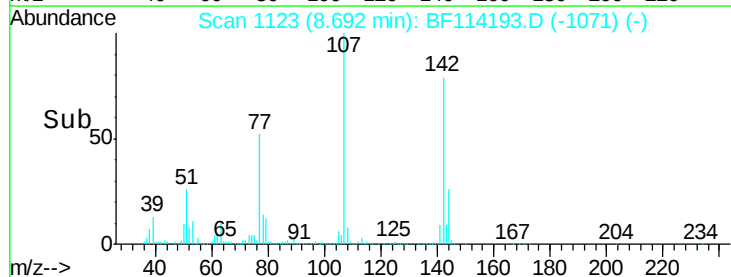
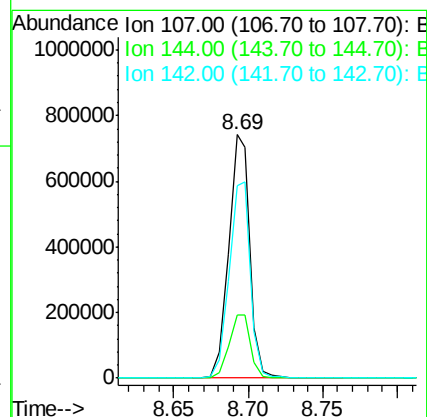
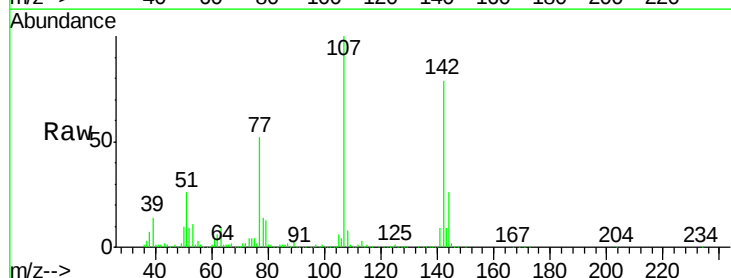
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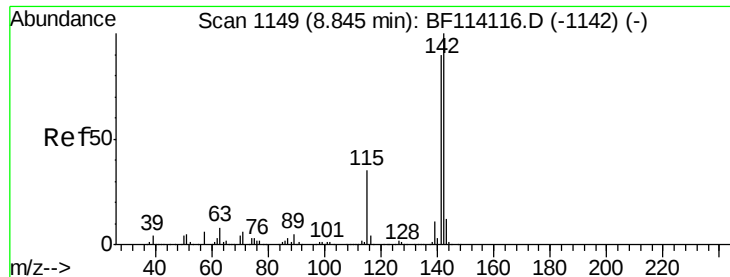
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#36
 4-Chloro-3-methylphenol
 Concen: 42.994 ng/ml
 RT: 8.69 min Scan# 1123
 Delta R.T. 0.01 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.1	20.4	30.6
142	78.9	64.2	96.4





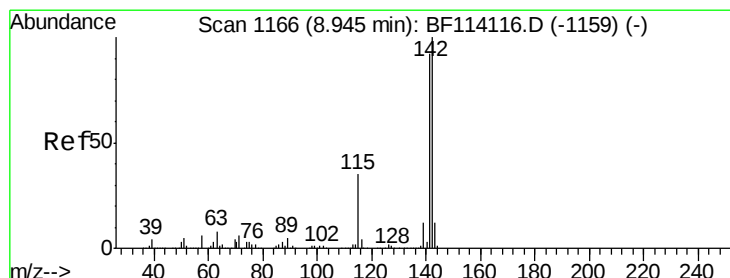
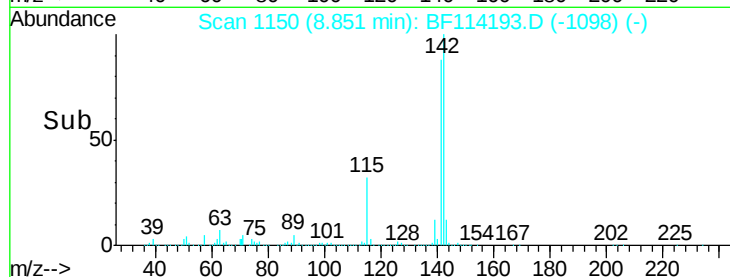
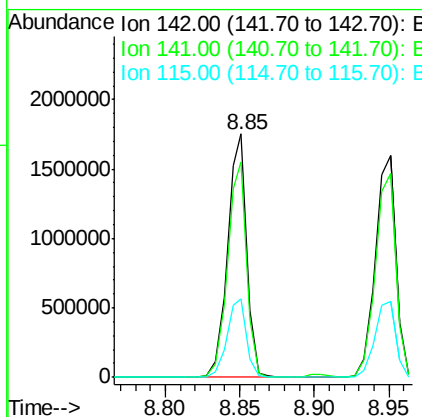
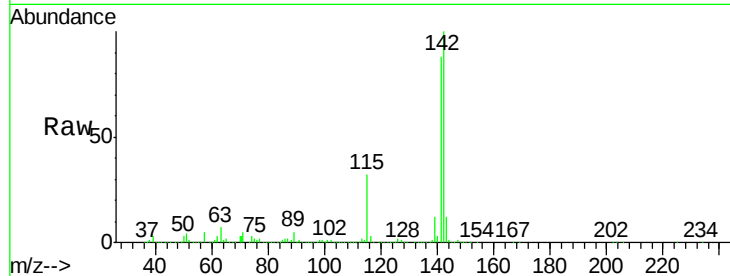
#37
2-Methylnaphthalene
Concen: 42.507 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	72.1	108.1
115	32.2	28.0	42.0

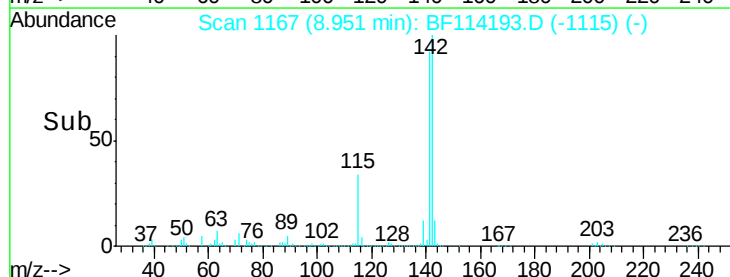
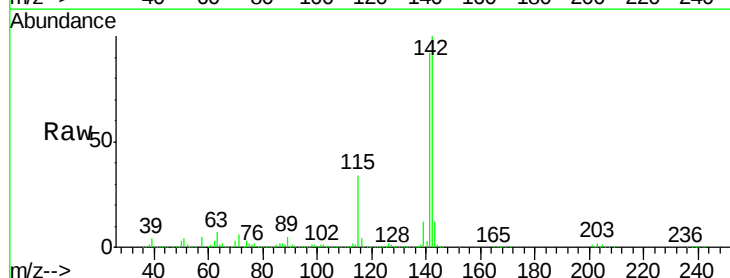
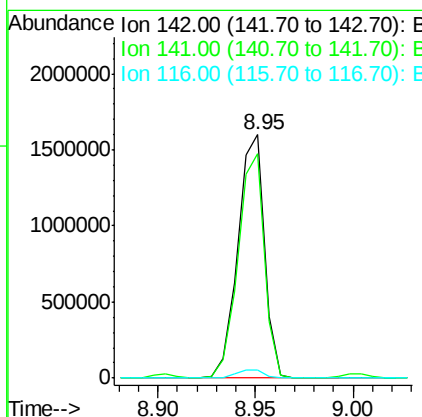
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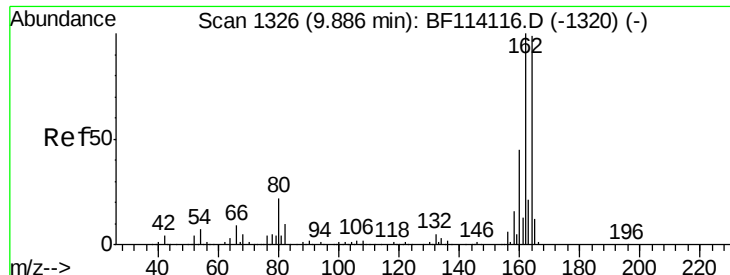
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#38
1-Methylnaphthalene
Concen: 42.592 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.4	110.0
116	3.6	3.1	4.7





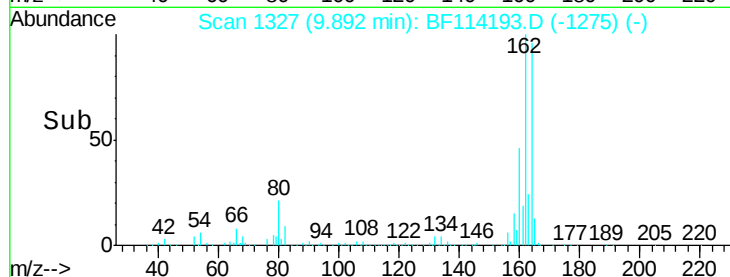
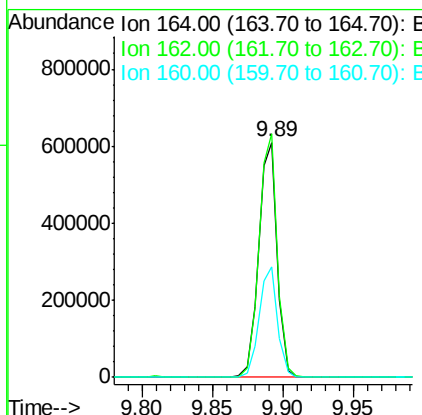
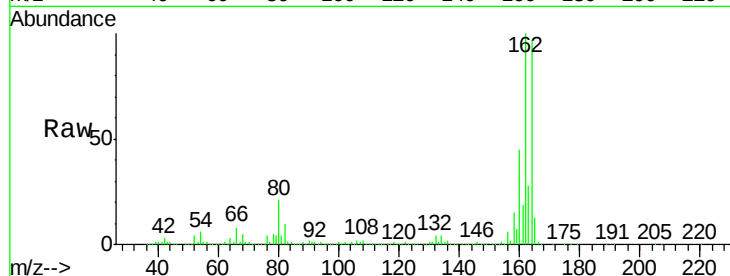
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	120.8
160	47.1	36.5	54.7

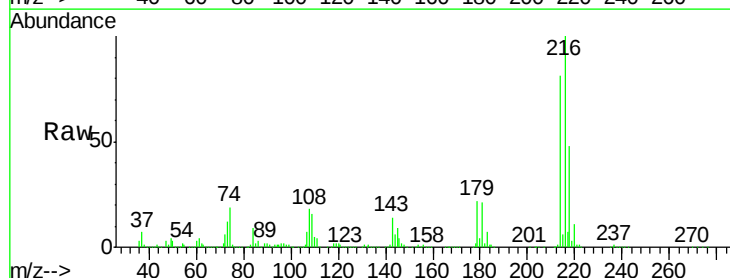
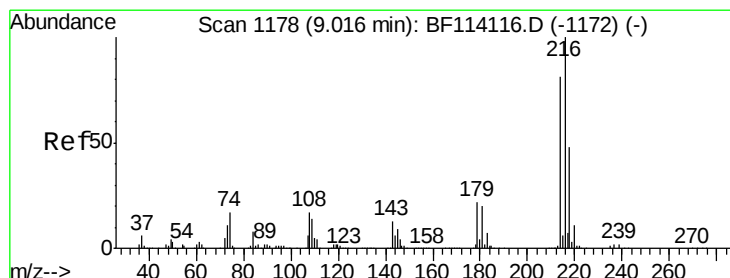
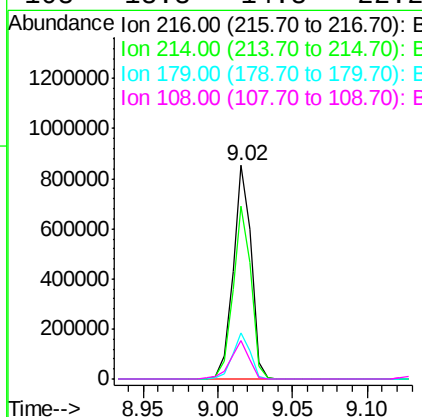
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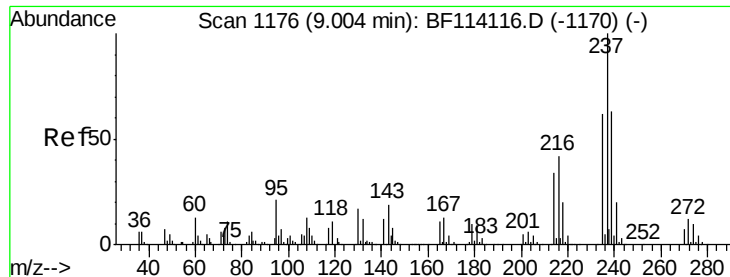
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.776 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.9	95.9
179	21.3	17.0	25.6
108	18.3	14.8	22.2





#41

Hexachlorocyclopentadiene

Concen: 28.051 ng

RT: 9.00 min Scan# 1176

Delta R.T. 0.00 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

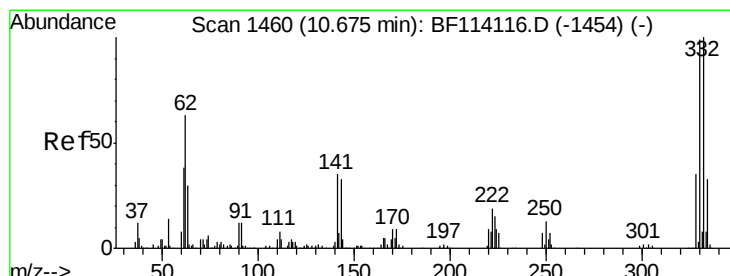
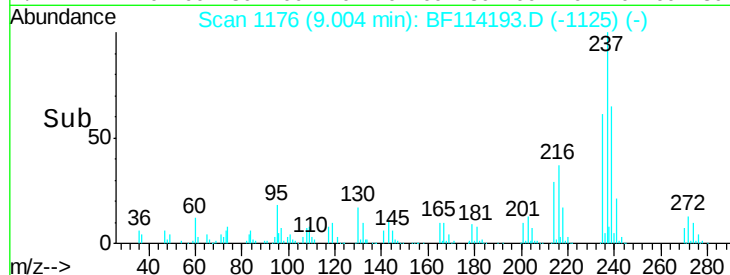
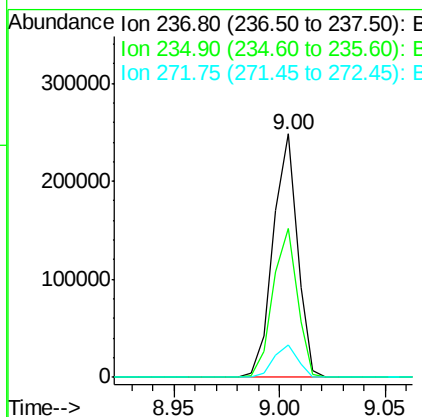
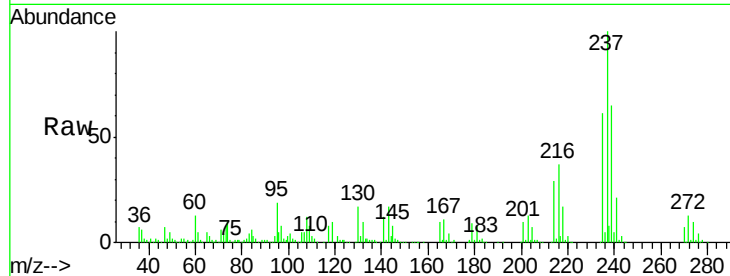
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	237	Resp:	198959
Ion Ratio	Lower	Upper	
237	100		
235	61.2	42.0	82.0
272	13.3	0.0	32.4

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#42

2,4,6-Tribromophenol

Concen: 102.837 ng

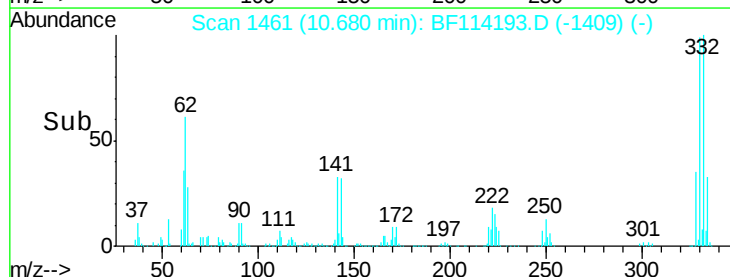
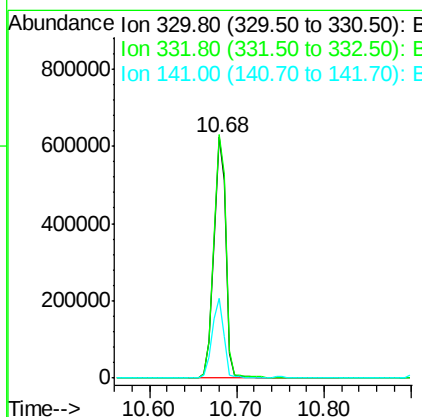
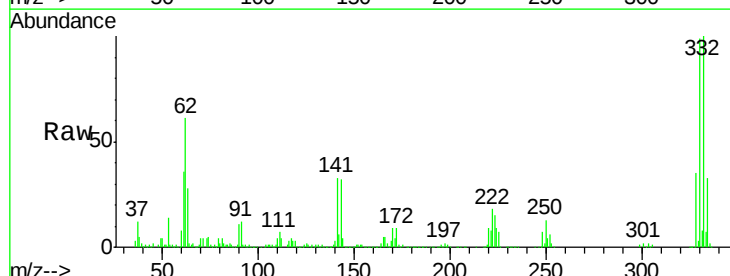
RT: 10.68 min Scan# 1461

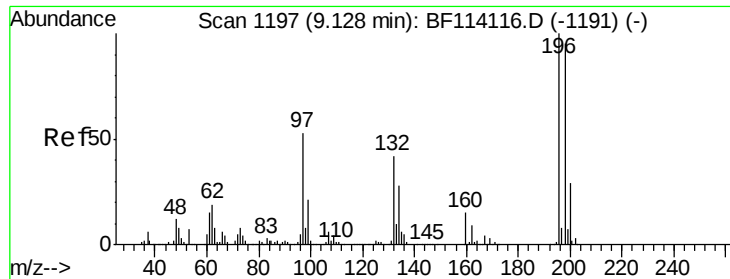
Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion:	330	Resp:	597574
Ion Ratio	Lower	Upper	
330	100		
332	103.0	81.4	122.2
141	32.1	26.6	40.0





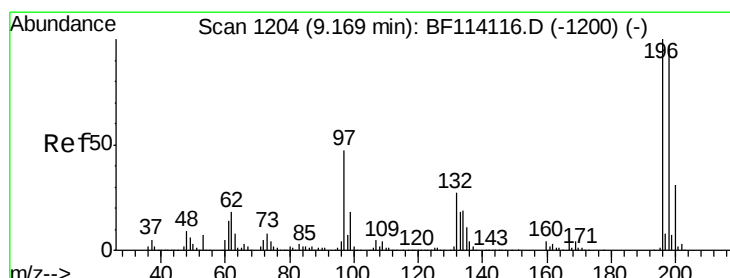
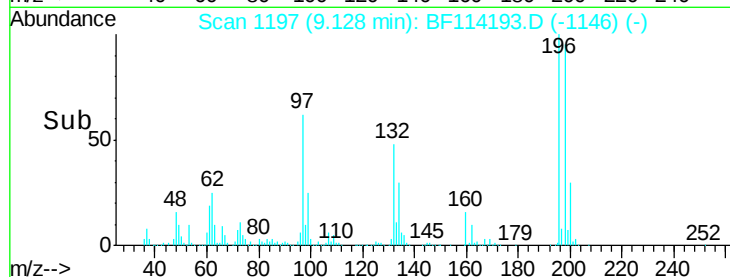
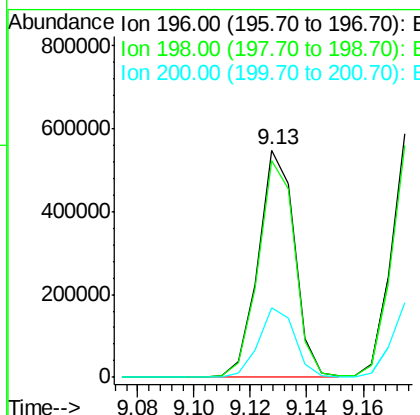
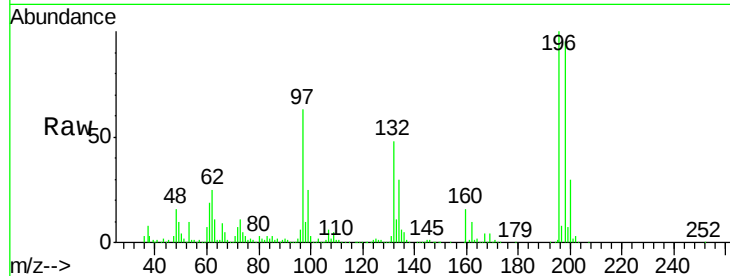
#43
 2,4,6-Trichlorophenol
 Concen: 41.883 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.00 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

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

Tot Ion:	196	Resp:	490502
Ion Ratio	Lower	Upper	
196	100		
198	95.1	75.9	113.9
200	30.3	23.5	35.3

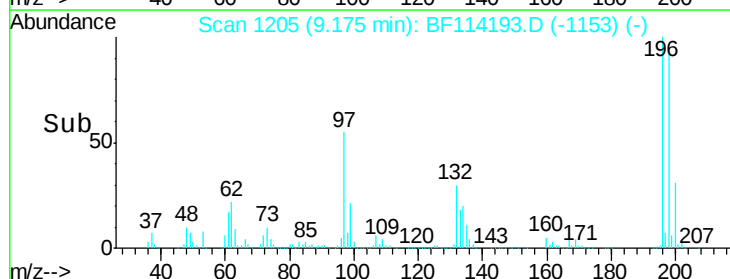
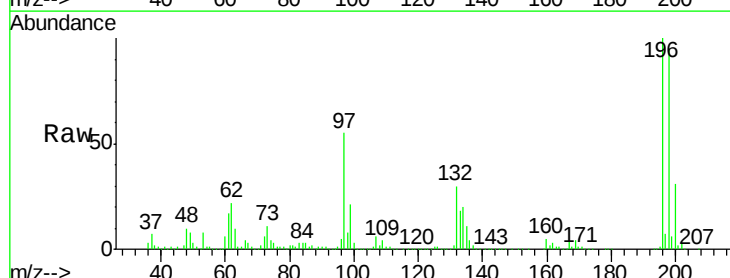
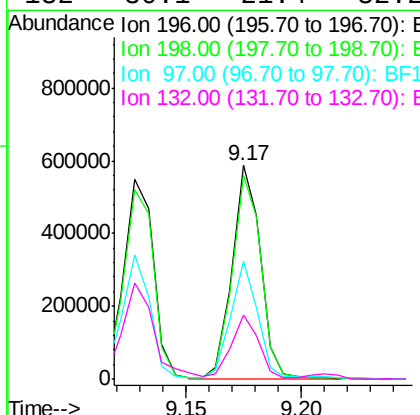
Manual Integrations
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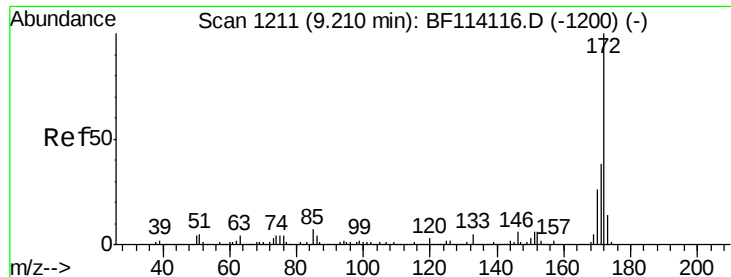
Sohil
 5/13/2019 8:37:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 41.672 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

Tgt Ion:	196	Resp:	500494
Ion Ratio	Lower	Upper	
196	100		
198	95.2	77.7	116.5
97	55.1	38.2	57.2
132	30.1	21.4	32.2





#45

2-Fluorobiphenyl

Concen: 74.017 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

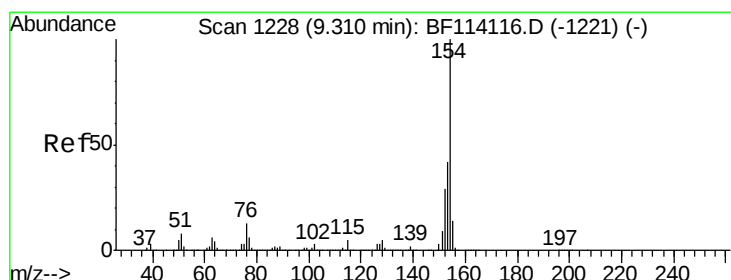
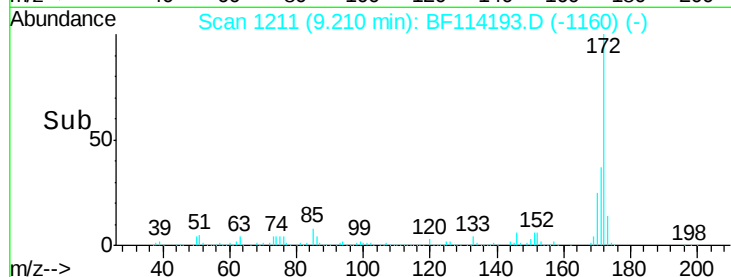
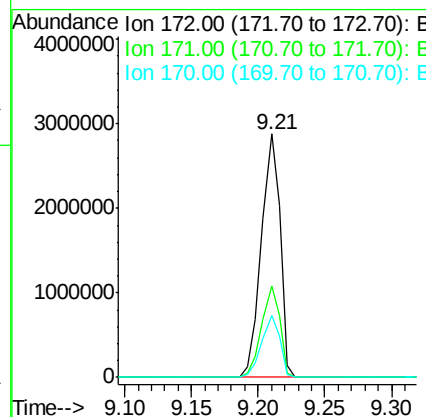
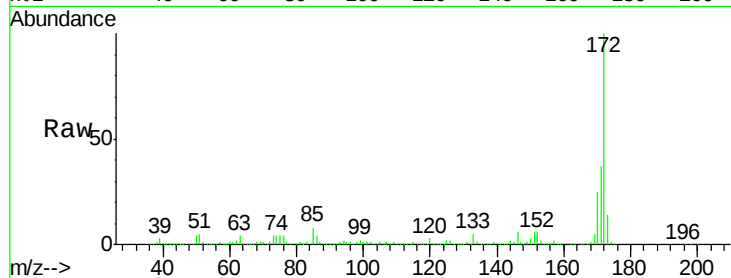
ClientSampleId :

P026-SS008-0206-01MSD

Tot	Ion:172	Resp: 2750281	
Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.7	46.1
170	25.4	20.5	30.7

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#46

1,1'-Biphenyl

Concen: 42.083 ng

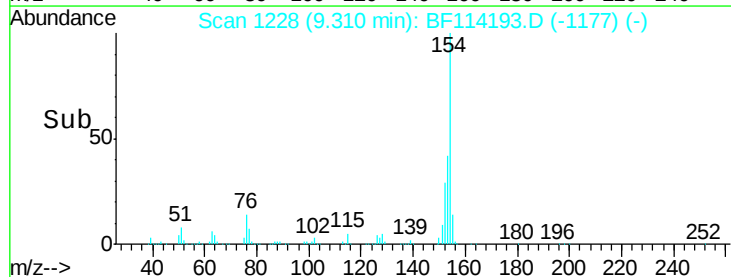
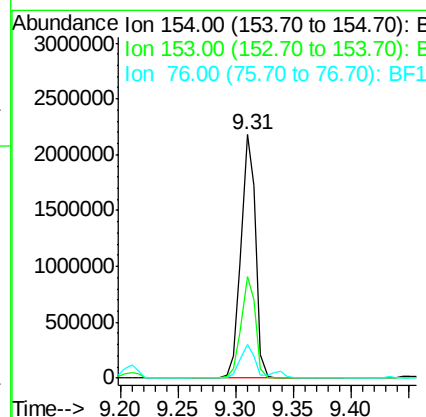
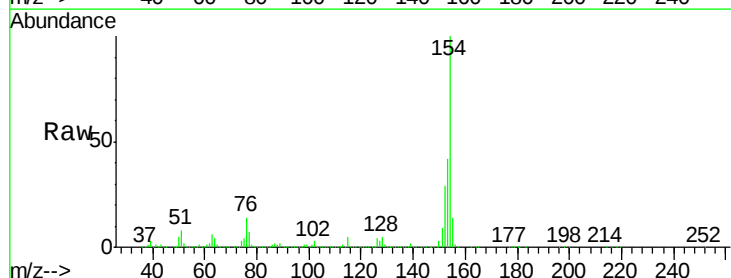
RT: 9.31 min Scan# 1228

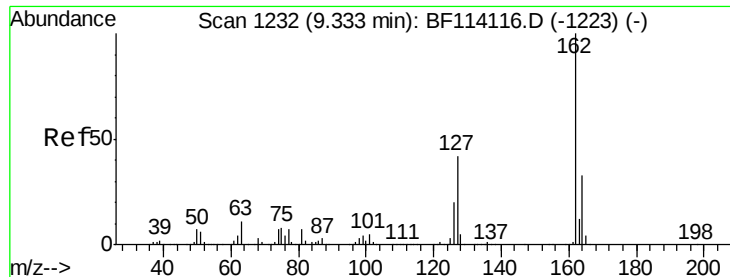
Delta R.T. -0.00 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion	154	Resp: Lower	1910887 Upper
154	100		
153	41.9	21.9	61.9
76	14.0	0.0	32.8





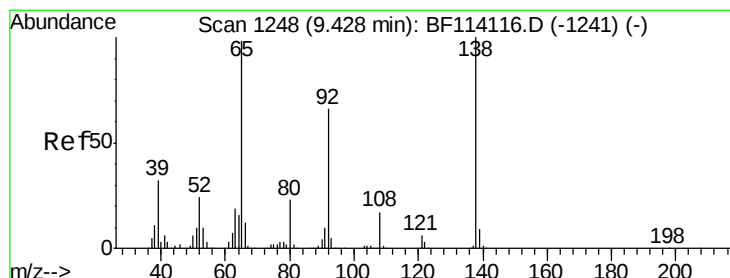
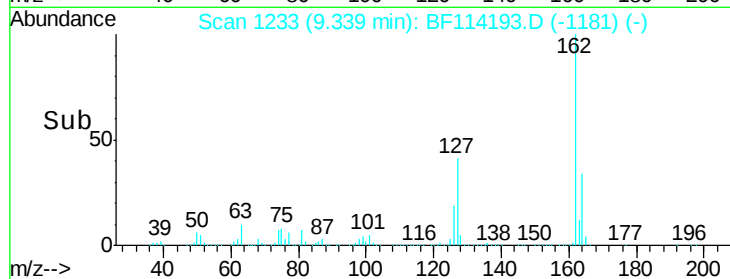
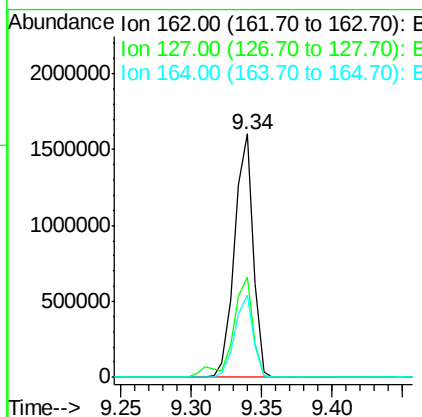
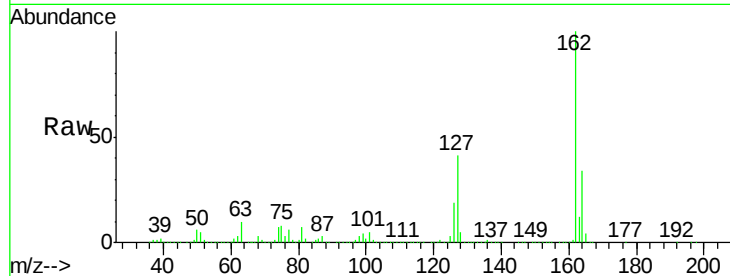
#47
 2-Chloronaphthalene
 Concen: 40.080 ng
 RT: 9.34 min Scan# 1233
 Delta R.T. 0.01 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

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

Tot Ion:	162	Resp:	1464666
Ion	Ratio	Lower	Upper
162	100		
127	41.2	34.0	51.0
164	33.8	26.7	40.1

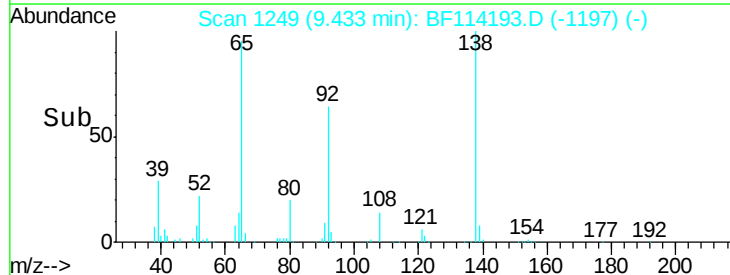
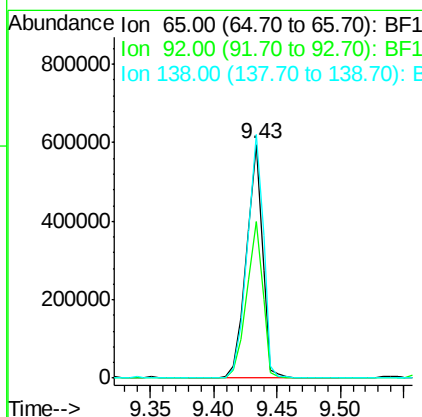
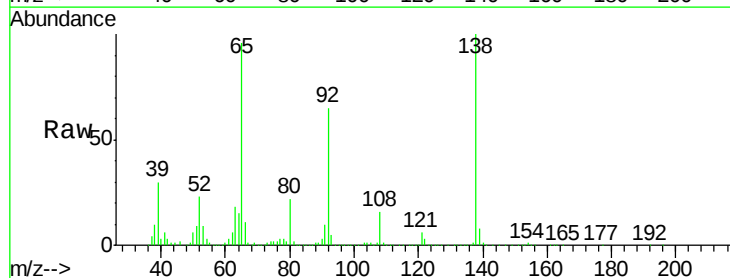
Manual Integrations
 APPROVED

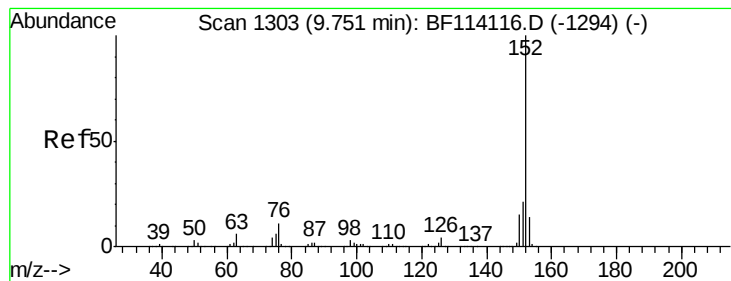
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#48
 2-Nitroaniline
 Concen: 40.335 ng
 RT: 9.43 min Scan# 1249
 Delta R.T. 0.01 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

Tgt Ion:	65	Resp:	522741
Ion	Ratio	Lower	Upper
65	100		
92	67.2	53.9	80.9
138	104.1	81.4	122.0





#49

Acenaphthylene

Concen: 40.799 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.00 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:152 Resp: 2267624

Ion Ratio Lower Upper

152 100

151 21.4 16.8 25.2

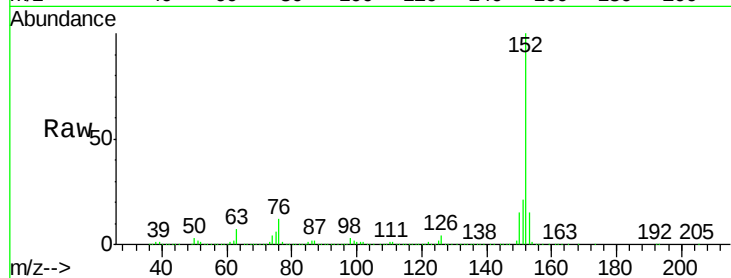
153 14.6 11.4 17.2

Manual Integrations

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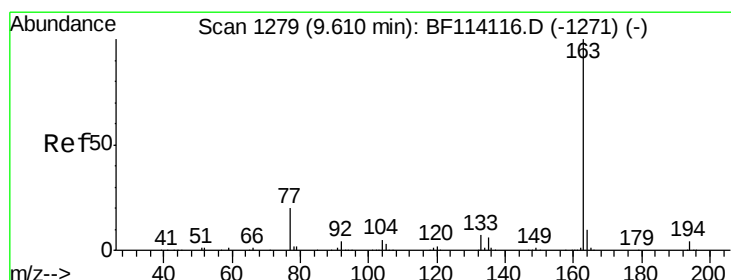
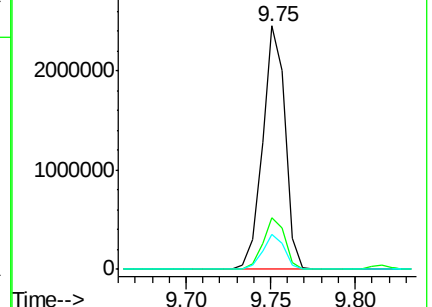
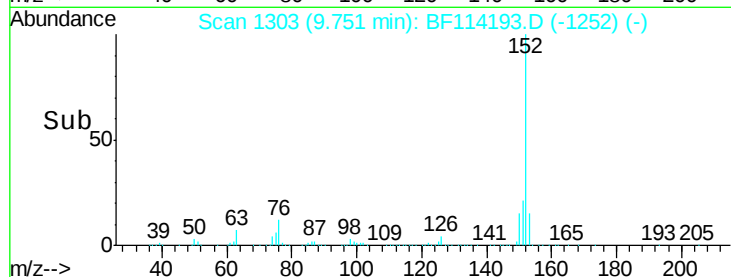
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 52.095 ng

RT: 9.62 min Scan# 1280

Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

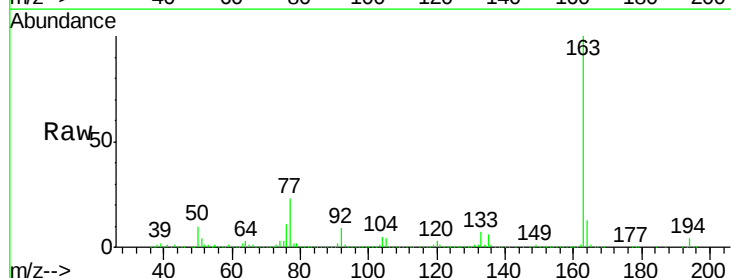
Tgt Ion:163 Resp: 2149519

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

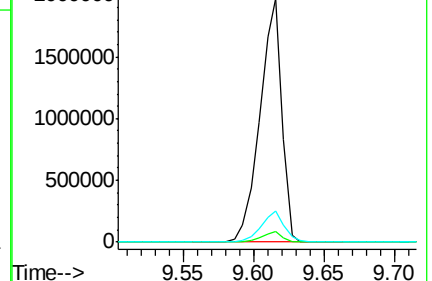
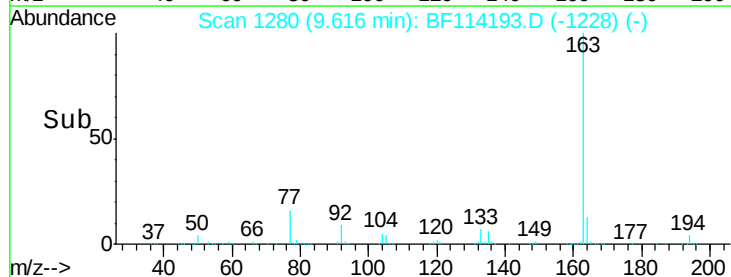
164 12.6 8.2 12.2#

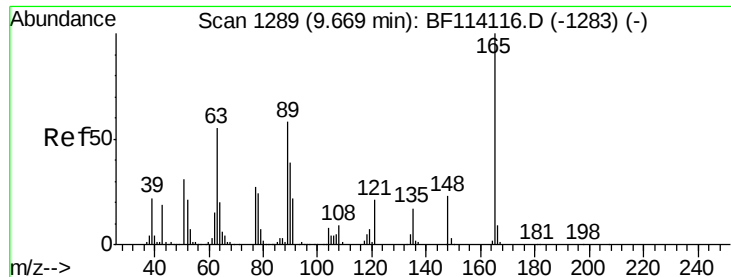


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





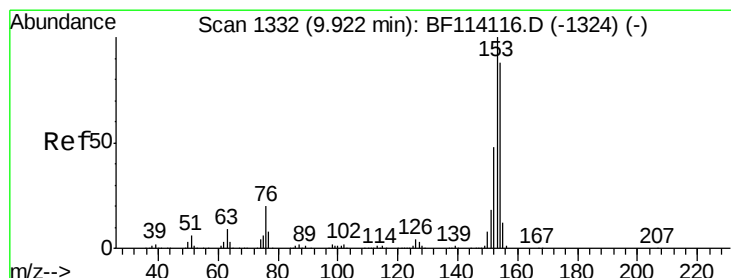
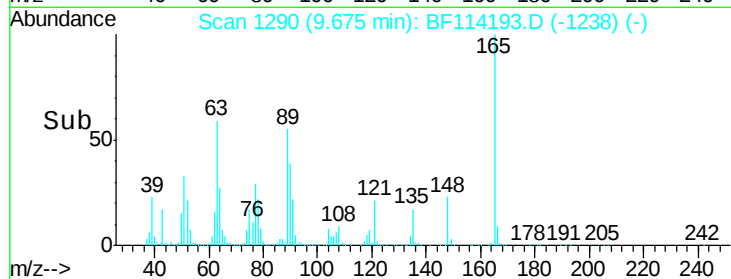
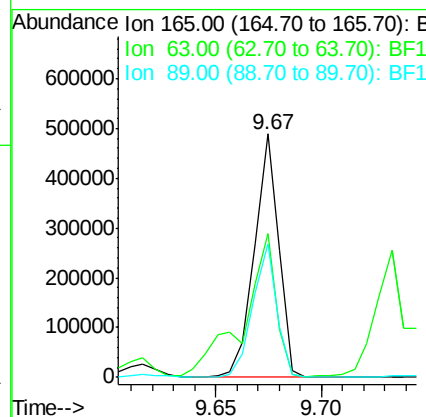
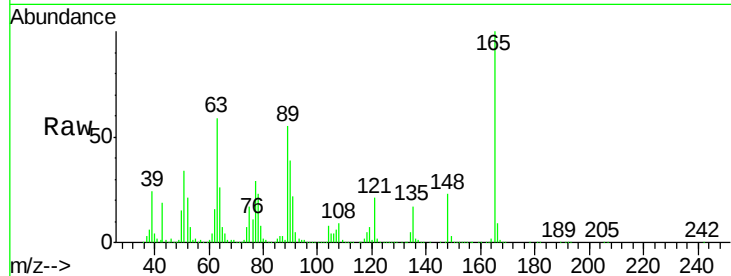
#51
 2,6-Dinitrotoluene
 Concen: 42.658 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. 0.01 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Resp	Lower	Upper
165	100	390392		
63	58.8	50.2	75.4	
89	54.8	46.6	69.8	

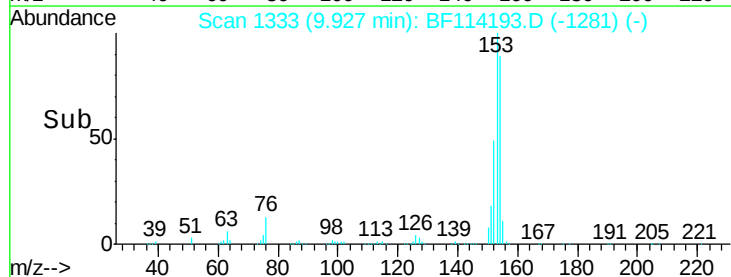
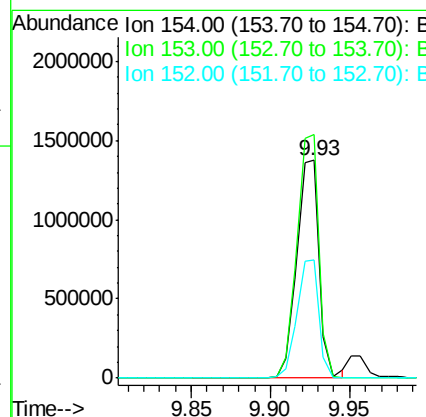
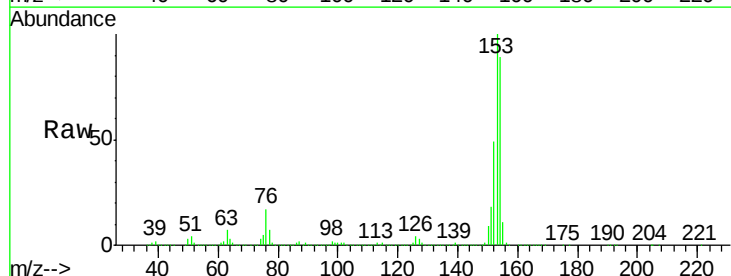
Manual Integrations
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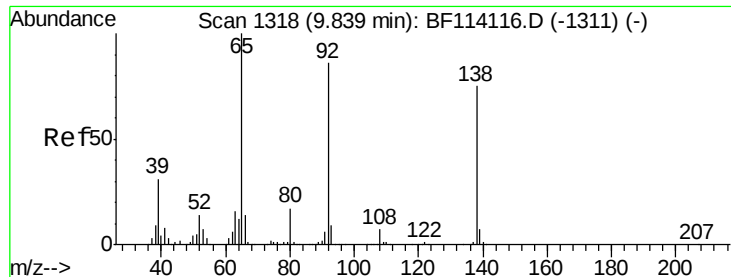
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#52
 Acenaphthene
 Concen: 39.575 ng
 RT: 9.93 min Scan# 1333
 Delta R.T. 0.01 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1349764		
153	111.8	90.5	135.7	
152	54.3	43.4	65.2	





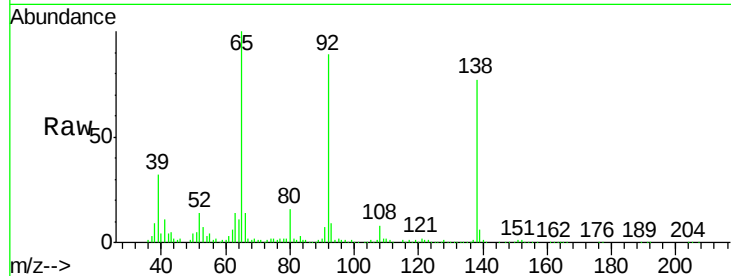
#53
3-Nitroaniline
Concen: 10.064 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

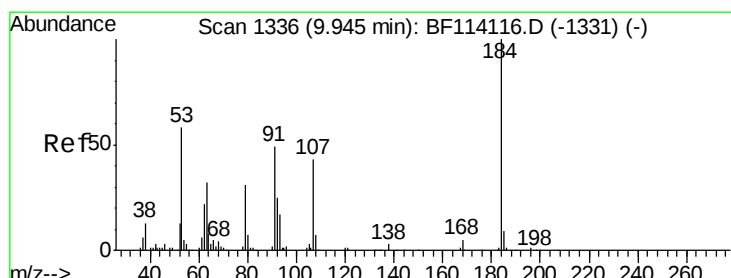
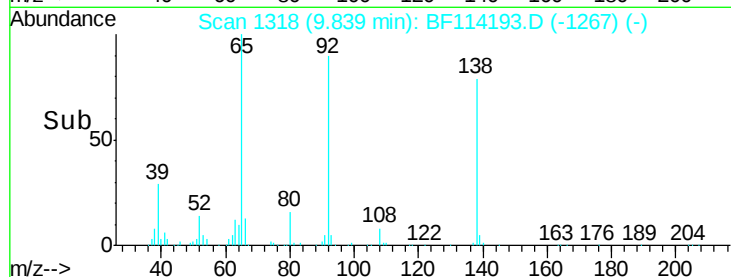
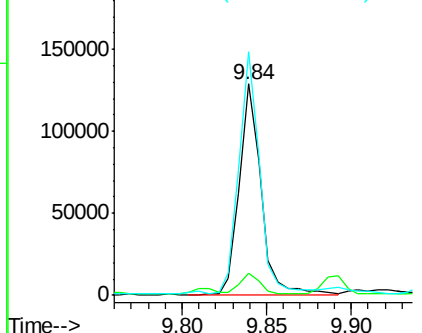
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.6	7.8	11.6
92	115.2	91.2	136.8

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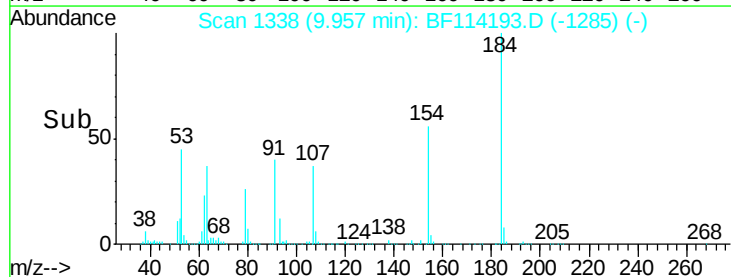
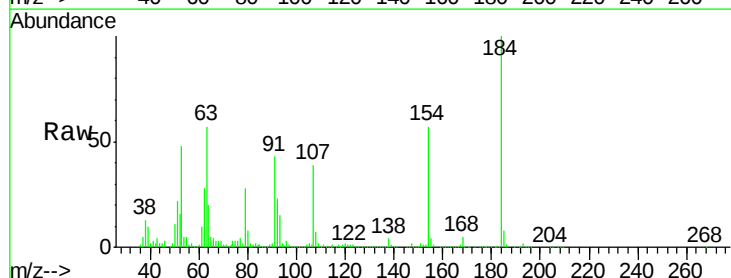
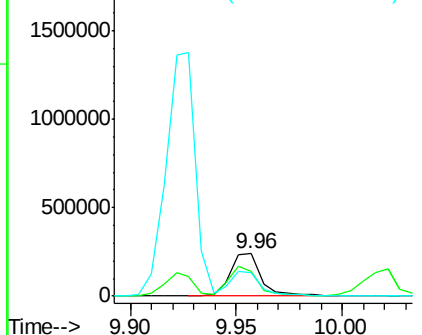
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

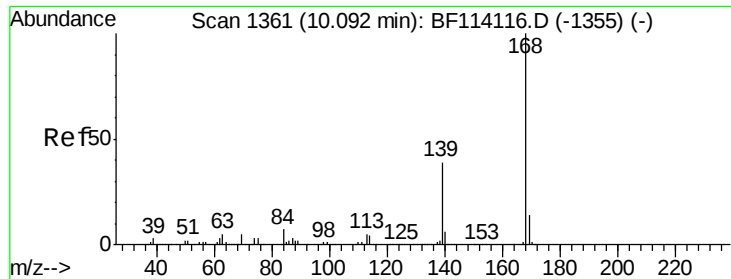


#54
2,4-Dinitrophenol
Concen: 55.130 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.3	55.6	83.4
154	56.6	46.0	69.0

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





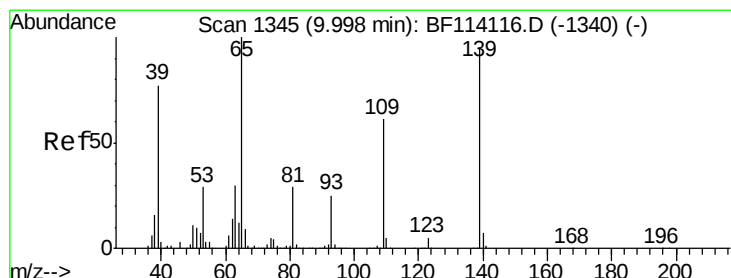
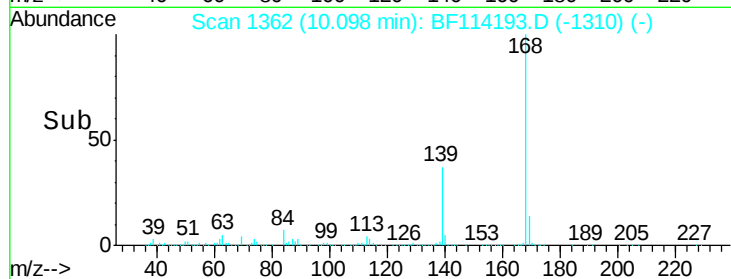
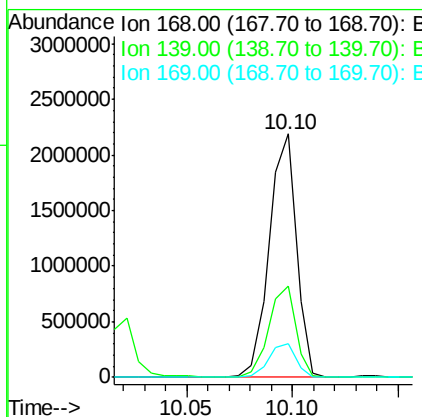
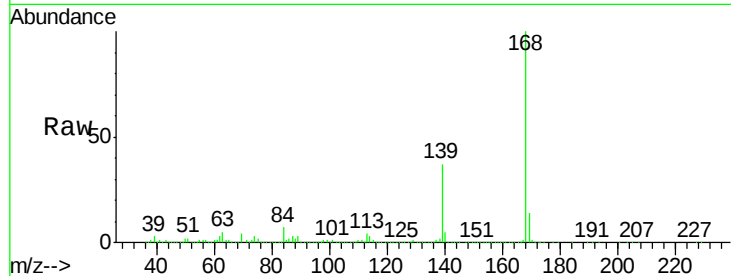
#55
Dibenzofuran
Concen: 39.212 ng
RT: 10.10 min Scan# 1362
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	31.1	46.7
169	14.0	11.4	17.0

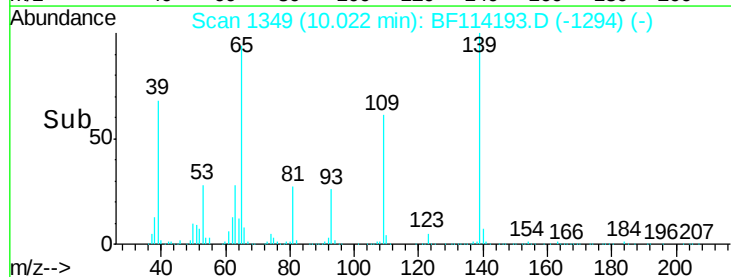
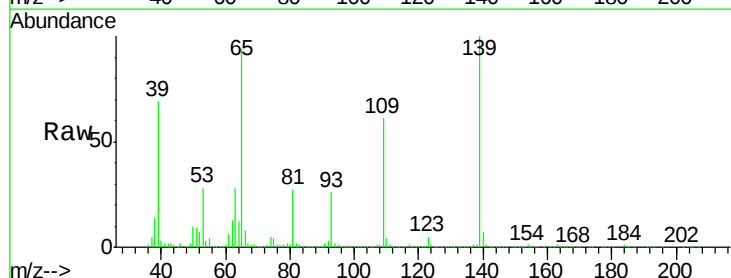
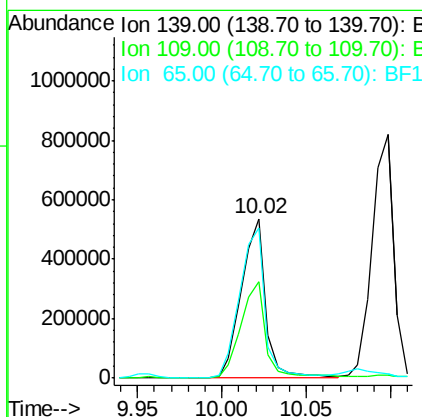
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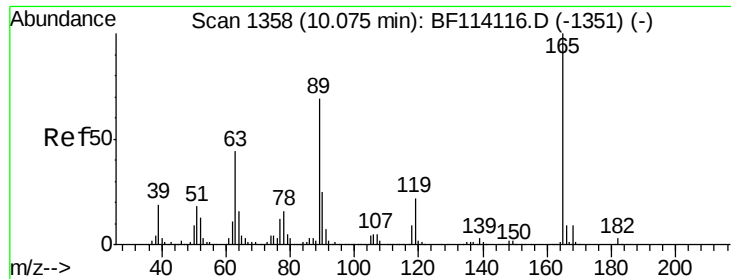
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#56
4-Nitrophenol
Concen: 66.727 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.02 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
139	100		
109	60.9	43.9	83.9
65	94.2	85.7	125.7





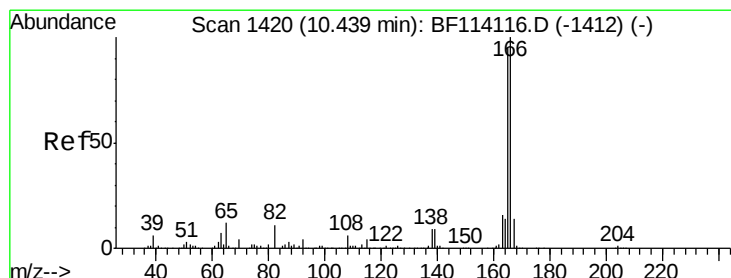
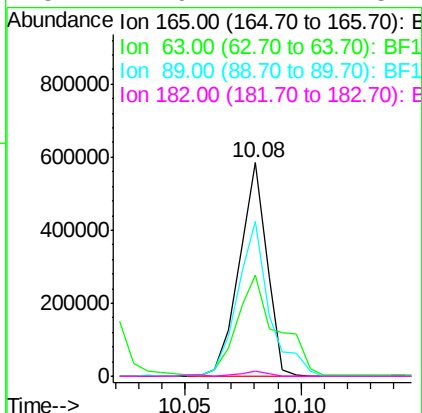
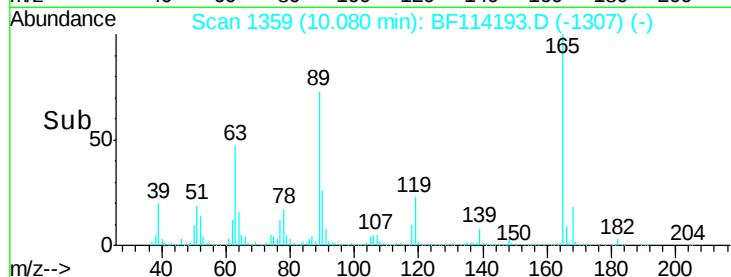
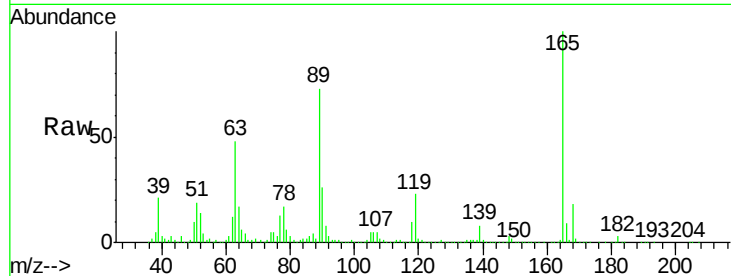
#57
2,4-Dinitrotoluene
Concen: 39.280 ng
RT: 10.08 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		487922		
63	47.6		35.5	53.3	
89	72.5		55.2	82.8	
182	2.6		2.2	3.2	

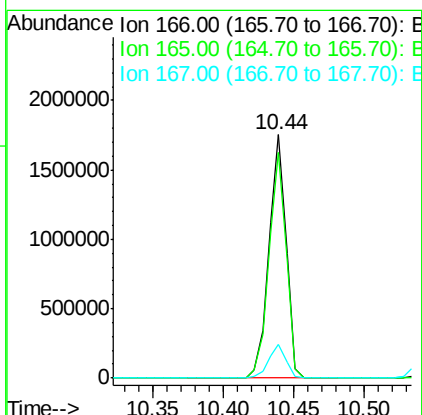
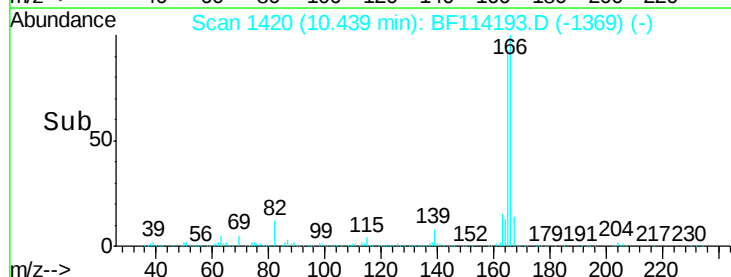
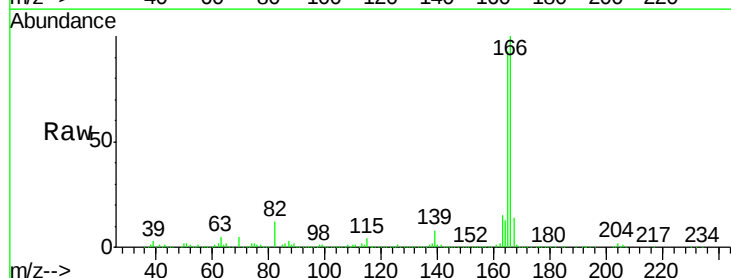
Manual Integrations
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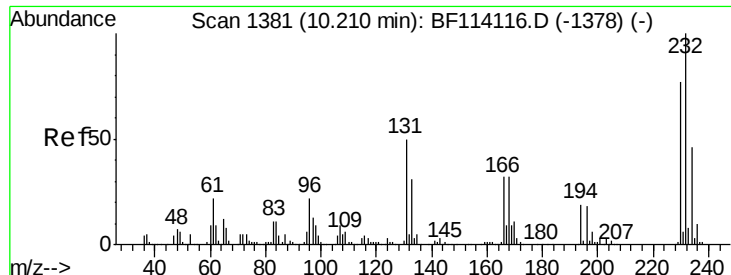
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#58
Fluorene
Concen: 38.937 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1504160		
165	92.6		76.1	114.1	
167	13.7		11.1	16.7	





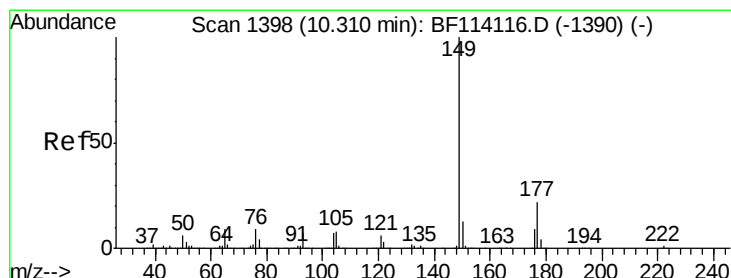
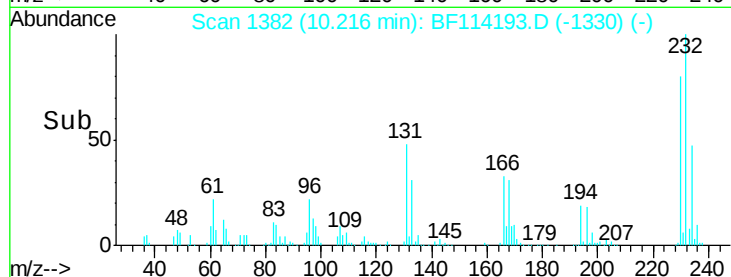
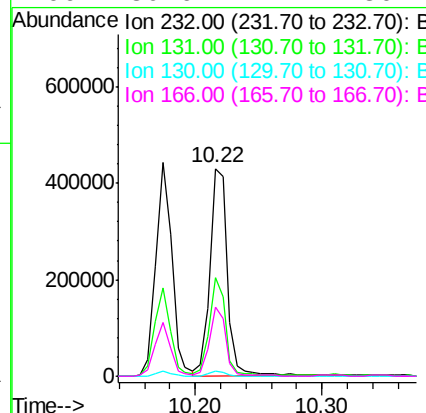
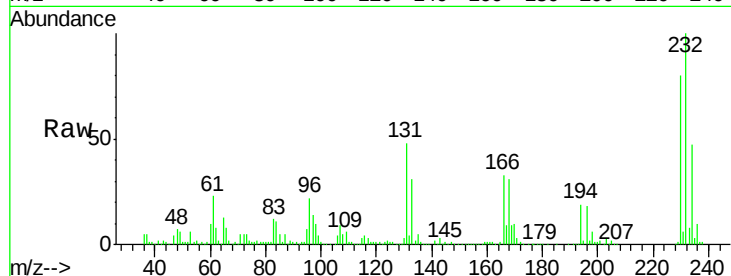
#59
2,3,4,6-Tetrachlorophenol
Concen: 39.990 ng
RT: 10.22 min Scan# 1382
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.4	35.6	53.4
130	2.5	1.6	2.4
166	30.6	24.1	36.1

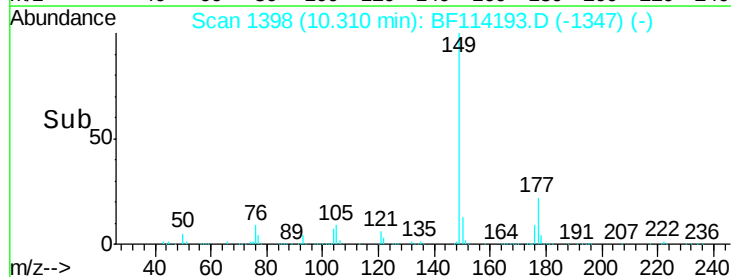
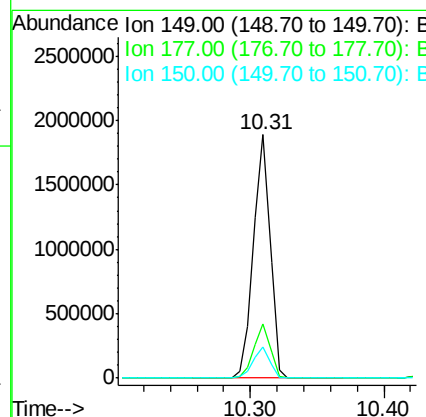
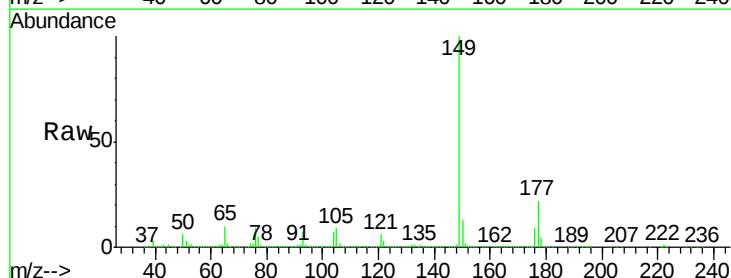
Manual Integrations
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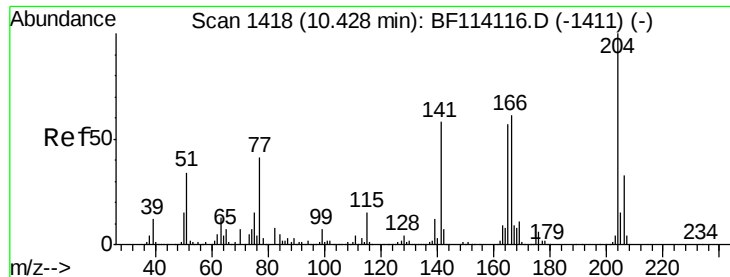
Sohil
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#60
Diethylphthalate
Concen: 38.525 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.8	26.6
150	12.9	10.2	15.2





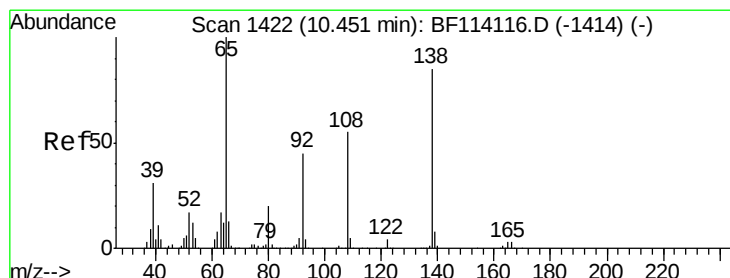
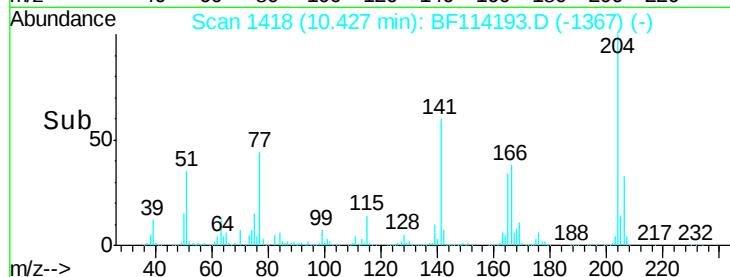
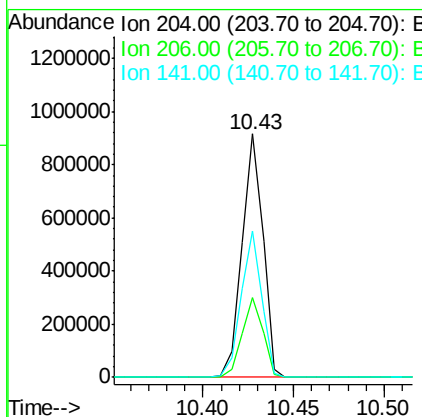
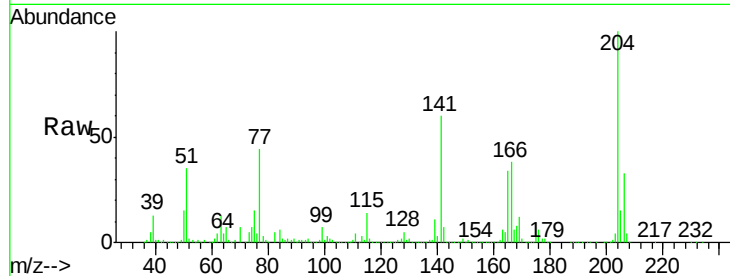
#61
4-Chlorophenyl-phenylether
Concen: 38.643 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.6	39.8
141	59.9	46.4	69.6

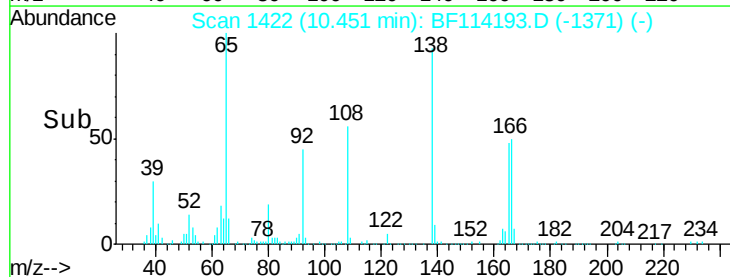
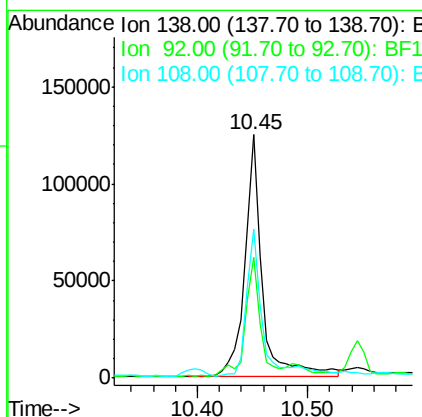
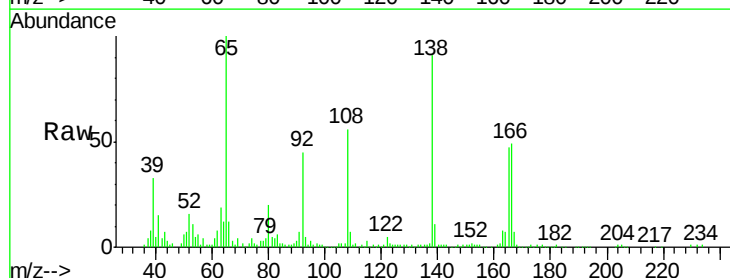
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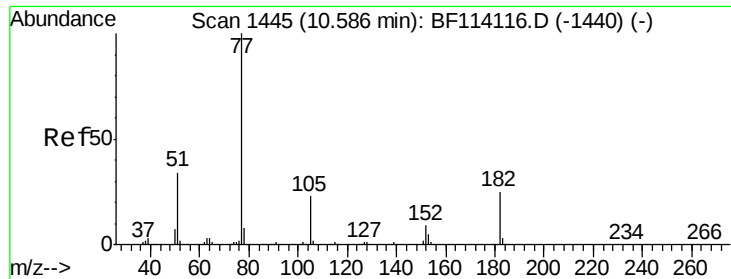
Sohil
5/13/2019 8:37:22 PM



#62
4-Nitroaniline
Concen: 11.765 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.3	33.0	73.0
108	60.9	44.9	84.9





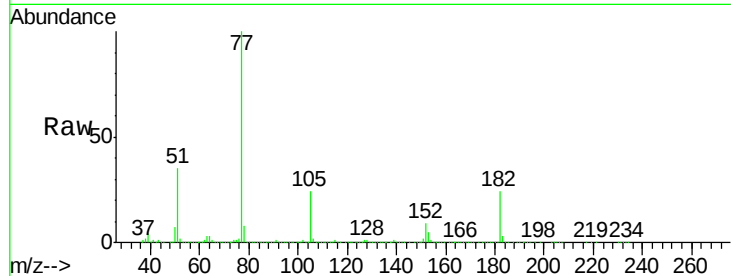
#63
Azobenzene
Concen: 38.836 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.3	4.7	44.7	
105	23.6	2.9	42.9	
51	34.6	14.6	54.6	

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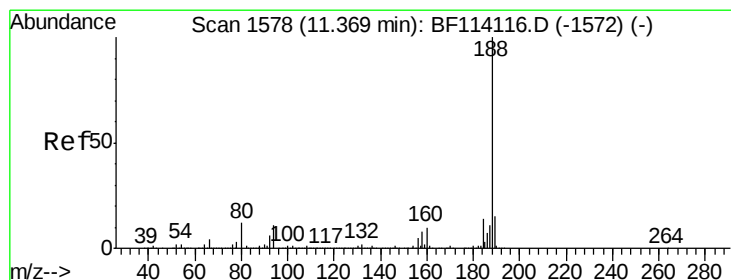
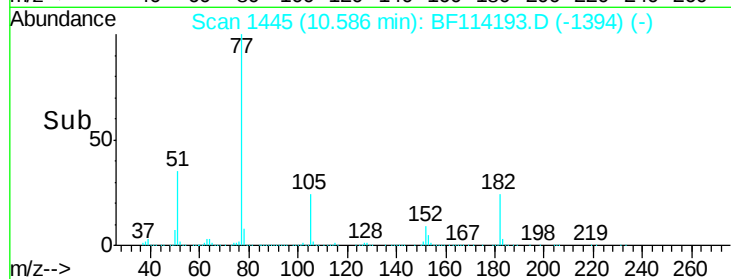
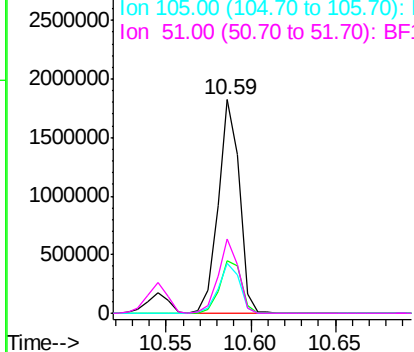


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



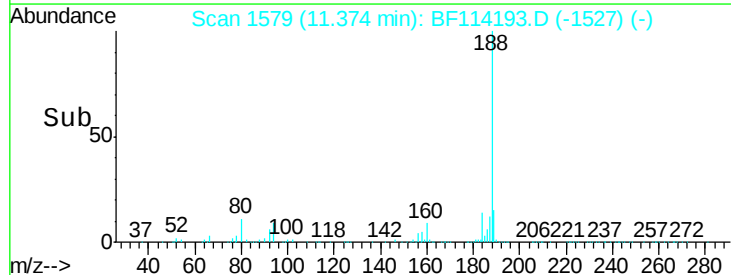
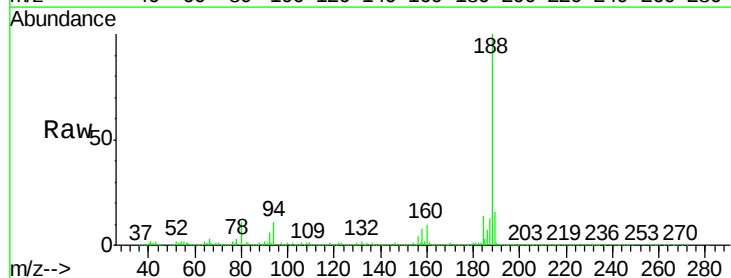
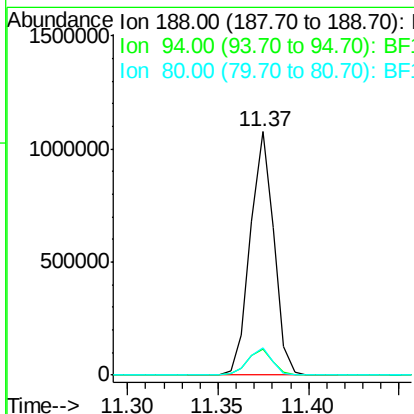
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

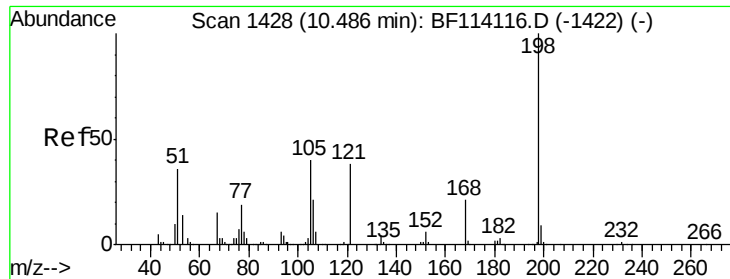
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.8	8.4	12.6	
80	11.0	9.2	13.8	

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





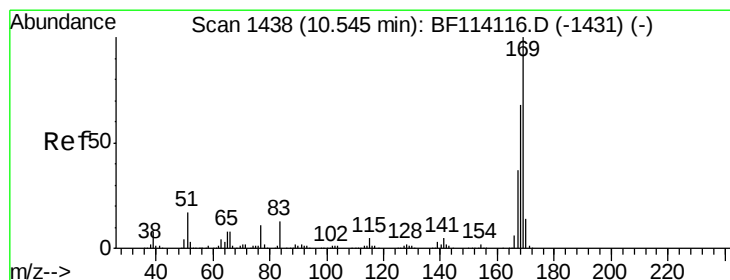
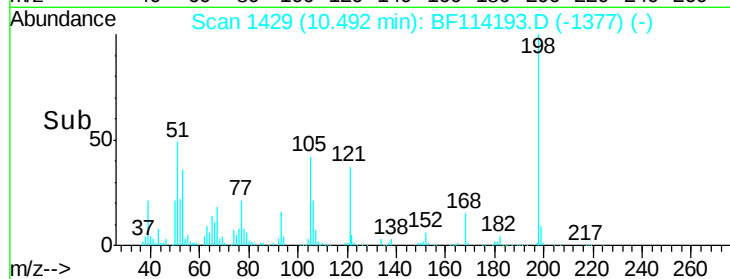
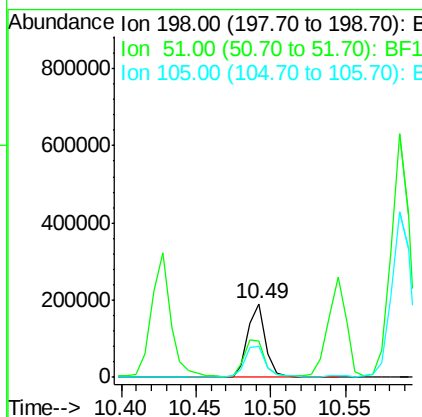
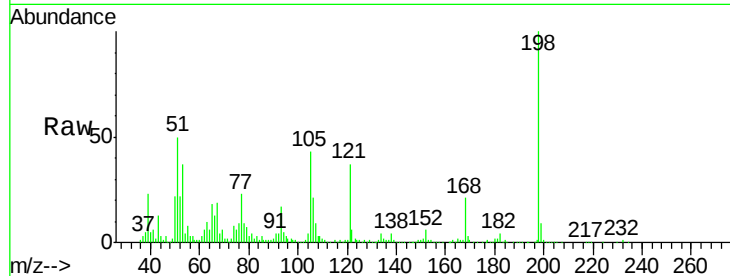
#65
4,6-Dinitro-2-methylphenol
Concen: 34.061 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.01 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Resp	Lower	Upper
198	100	158673		
51	49.6	28.0	68.0	
105	43.2	21.1	61.1	

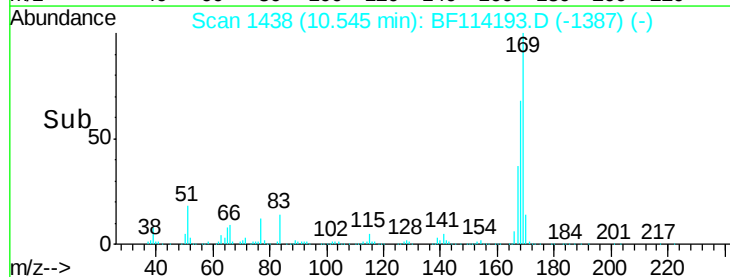
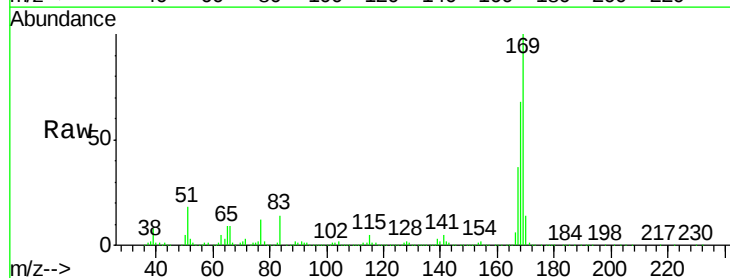
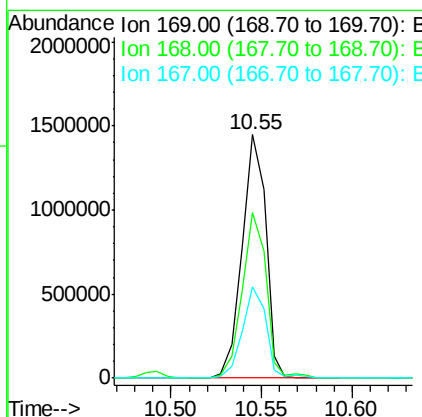
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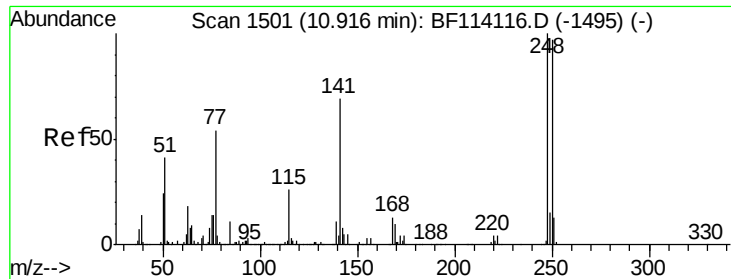
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#66
n-Nitrosodiphenylamine
Concen: 44.701 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1315276		
168	68.0	54.2	81.2	
167	37.5	29.8	44.8	





#67

4-Bromophenyl-phenylether

Concen: 43.138 ng

RT: 10.92 min Scan# 1501

Delta R.T. -0.00 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

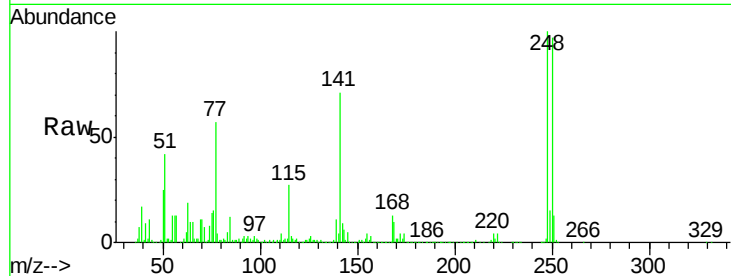
ClientSampleId :

P026-SS008-0206-01MSD

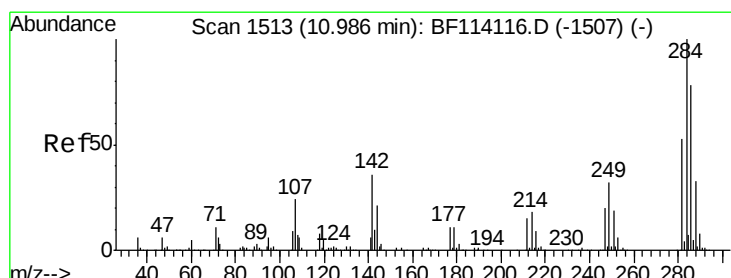
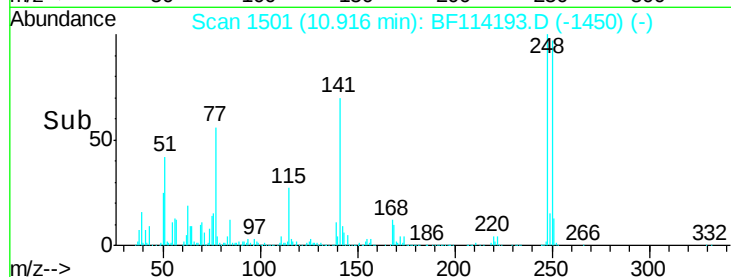
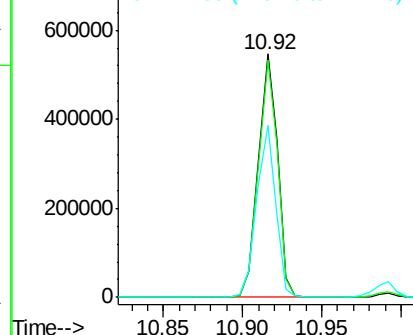
Tot Ion:	248	Resp:	460468
Ion Ratio		Lower	Upper
248	100		
250	97.4	77.4	116.2
141	70.6	55.6	83.4

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 43.594 ng

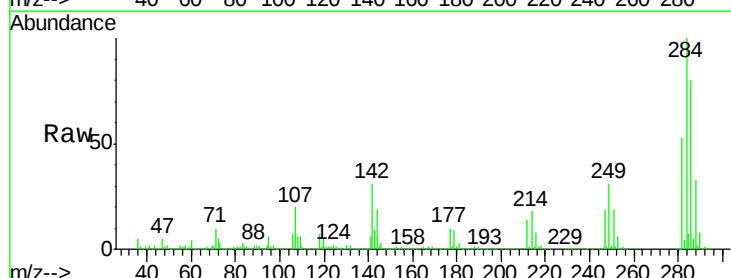
RT: 10.99 min Scan# 1514

Delta R.T. 0.01 min

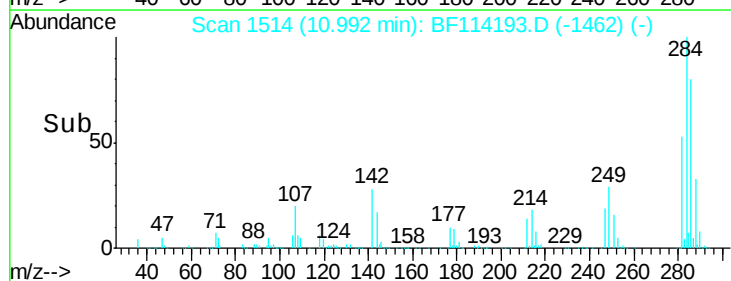
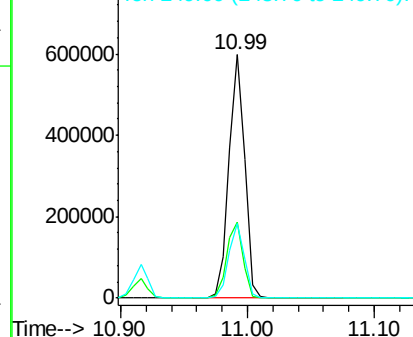
Lab File: BF114193.D

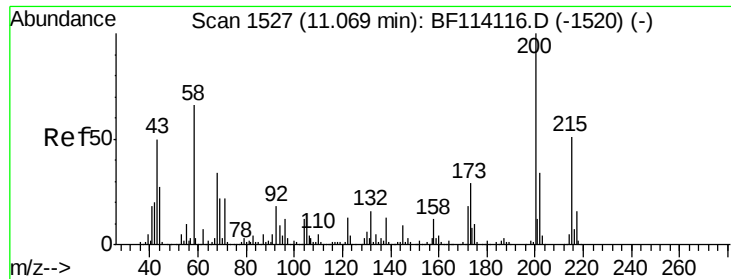
Acq: 12 May 2019 15:38

Tgt Ion:	284	Resp:	514794
Ion Ratio		Lower	Upper
284	100		
142	31.3	28.4	42.6
249	30.7	25.2	37.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 36.942 ng

RT: 11.07 min Scan# 1528

Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

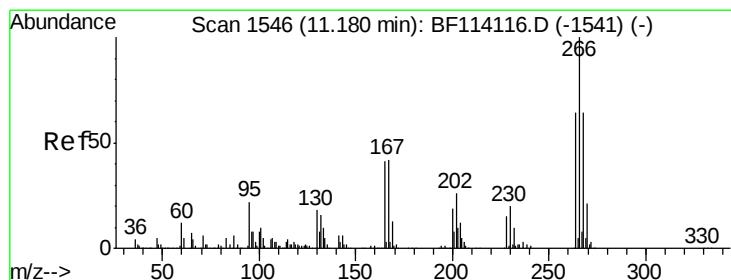
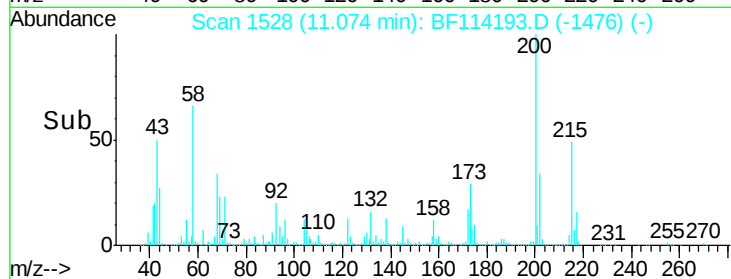
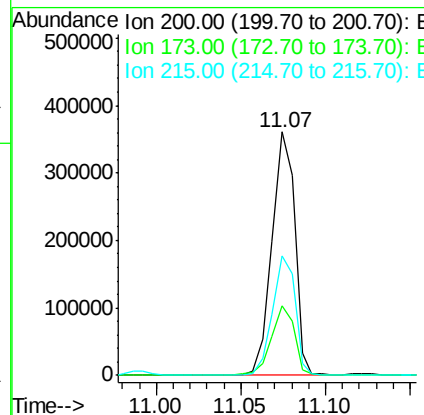
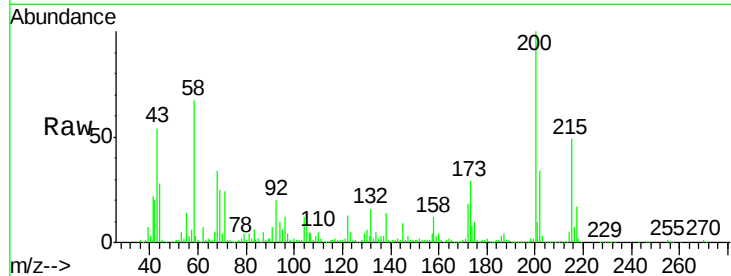
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	200	Resp:	338265
Ion Ratio	Lower	Upper	
200	100		
173	28.8	8.9	48.9
215	49.0	30.7	70.7

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#70

Pentachlorophenol

Concen: 86.542 ng

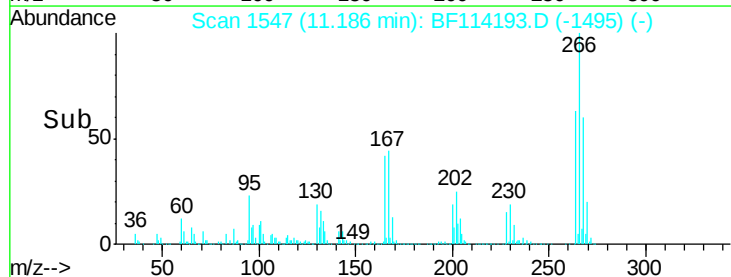
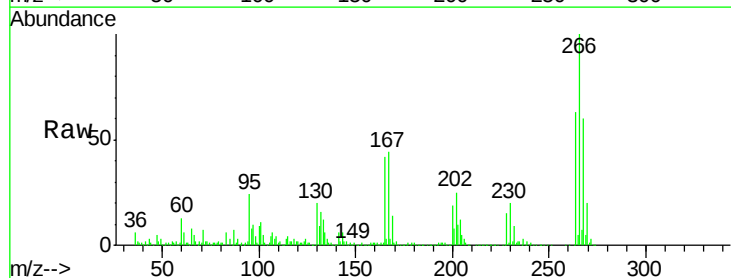
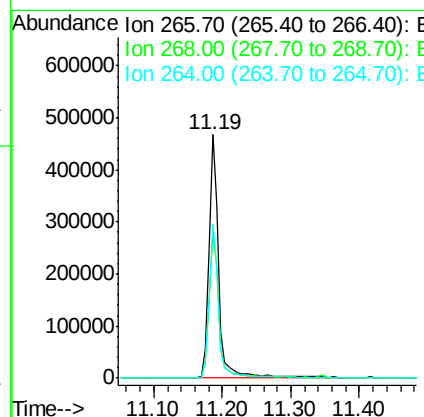
RT: 11.19 min Scan# 1547

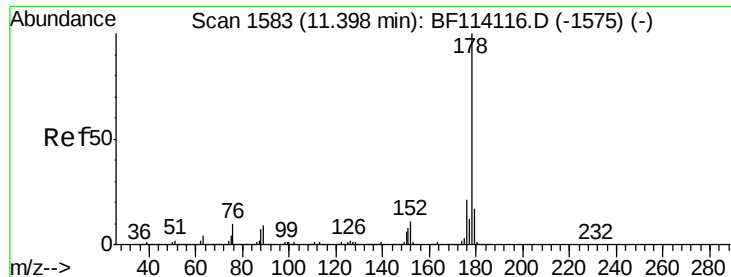
Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion:	266	Resp:	484445
Ion Ratio	Lower	Upper	
266	100		
268	60.1	51.1	76.7
264	63.1	51.1	76.7





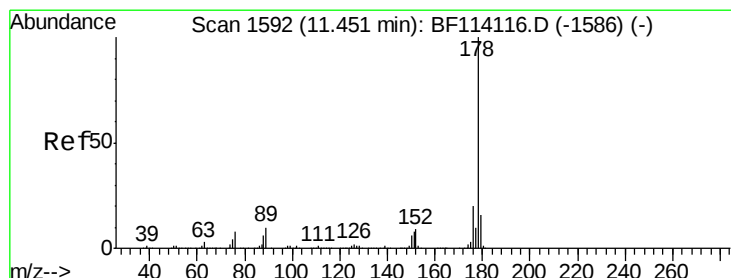
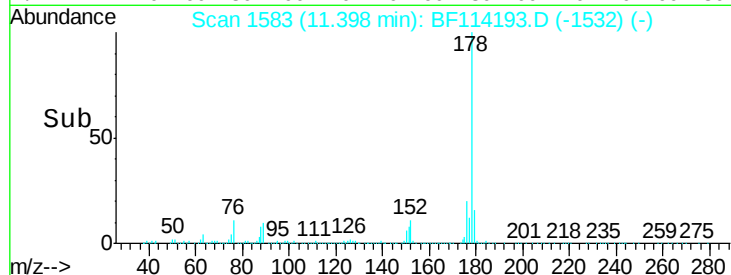
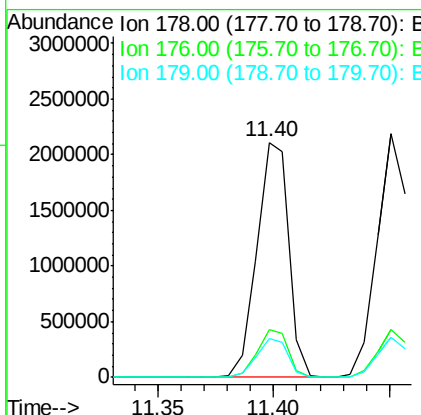
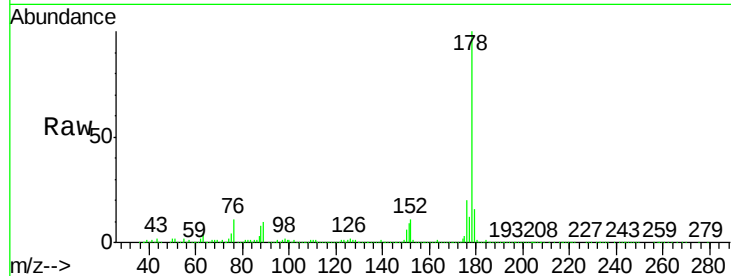
#71
Phenanthrene
Concen: 43.053 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion:178 Resp: 2030646
Ion Ratio Lower Upper
178 100
176 20.3 16.4 24.6
179 16.2 13.2 19.8

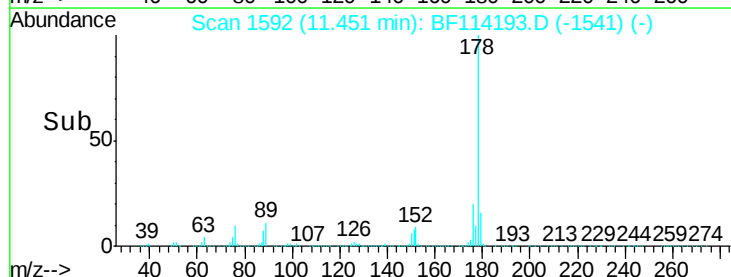
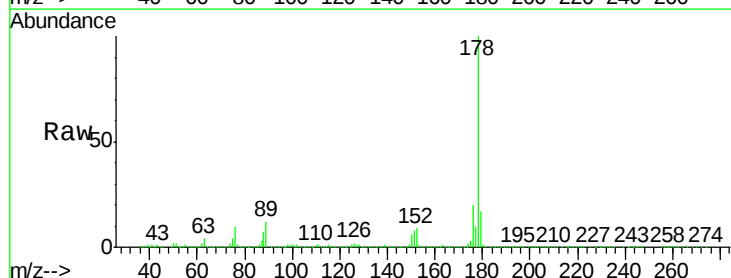
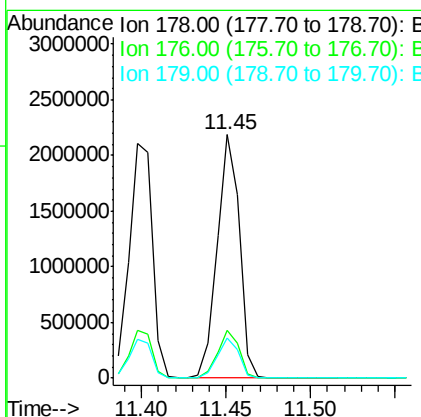
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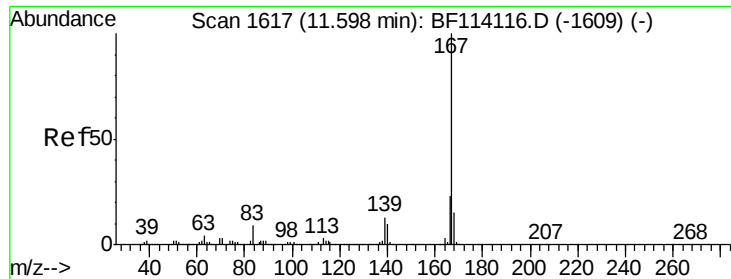
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#72
Anthracene
Concen: 42.418 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion:178 Resp: 2009545
Ion Ratio Lower Upper
178 100
176 19.8 15.8 23.8
179 16.5 13.0 19.4





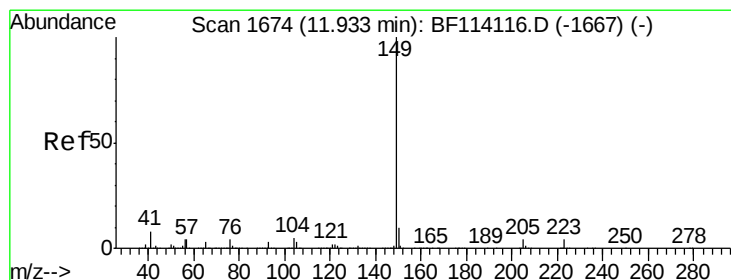
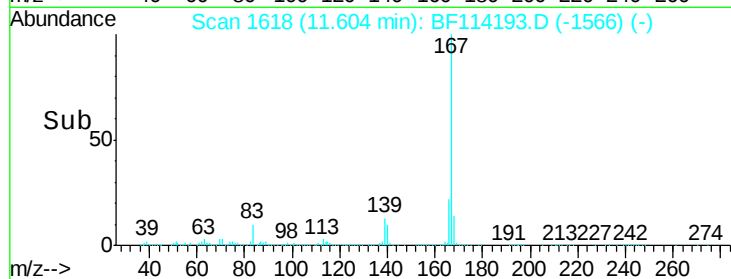
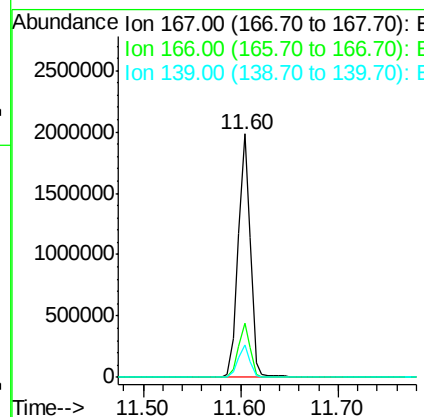
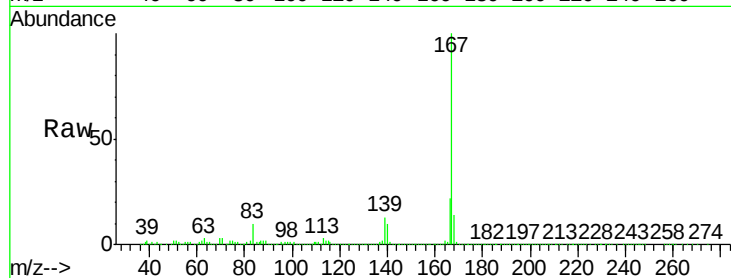
#73
 Carbazole
 Concen: 37.953 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

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

Tot Ion:167 Resp: 1714553
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.2 27.2
 139 13.3 10.6 16.0

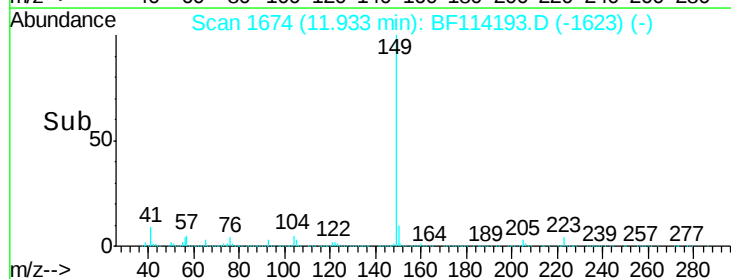
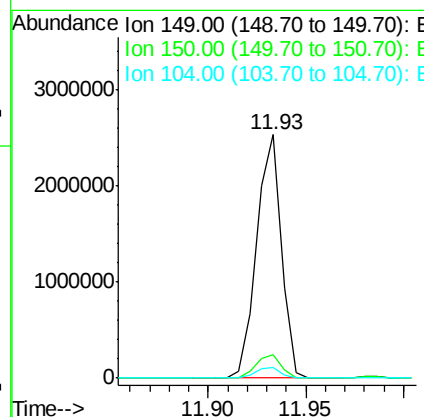
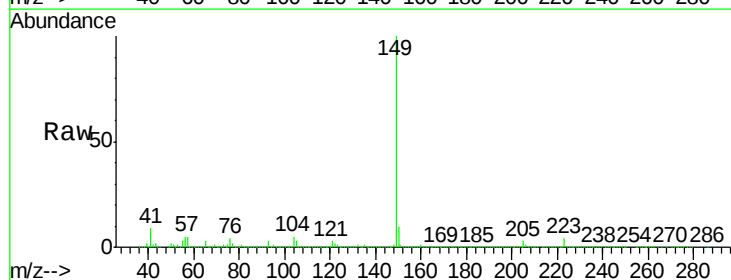
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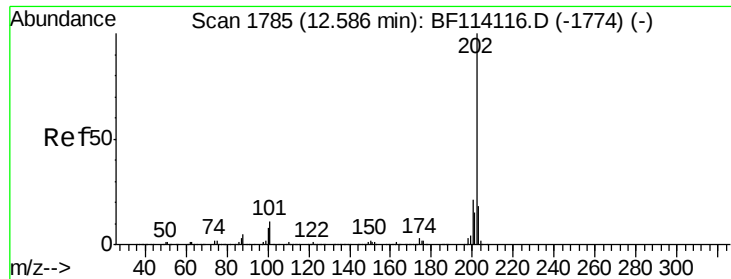
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#74
 Di-n-butylphthalate
 Concen: 42.526 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.00 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

Tgt Ion:149 Resp: 2213318
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.7 11.5
 104 4.6 3.6 5.4





#75

Fluoranthene

Concen: 39.474 ng

RT: 12.59 min Scan# 1785

Delta R.T. -0.00 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

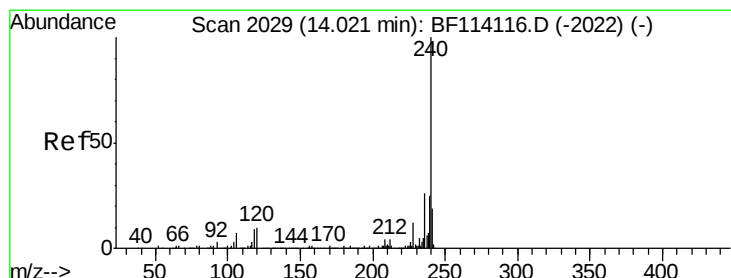
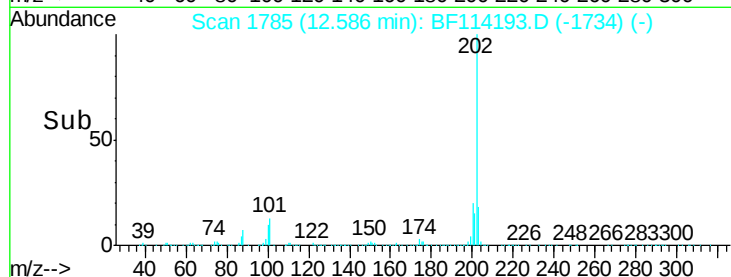
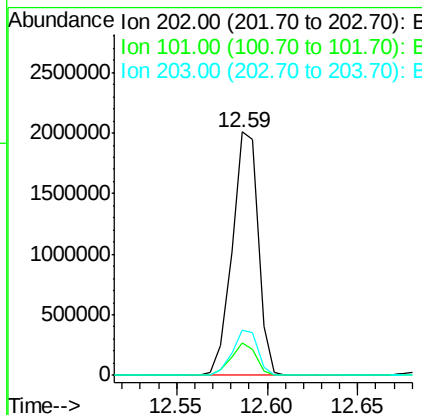
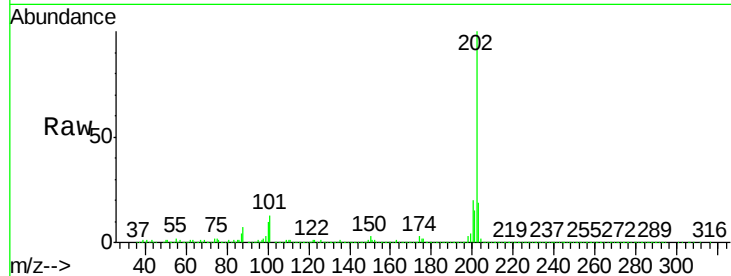
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	202	Resp:	2004967
Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.0
203	18.6	0.0	38.4

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#76

Chrysene-d12

Concen: 20.000 ng

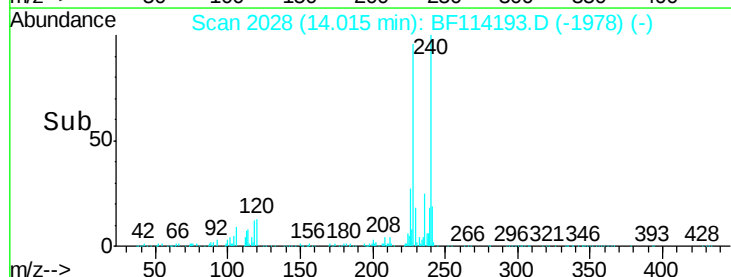
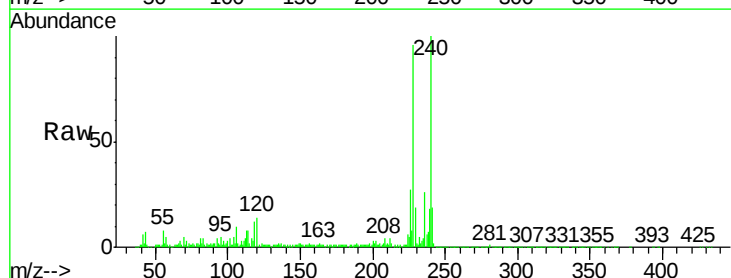
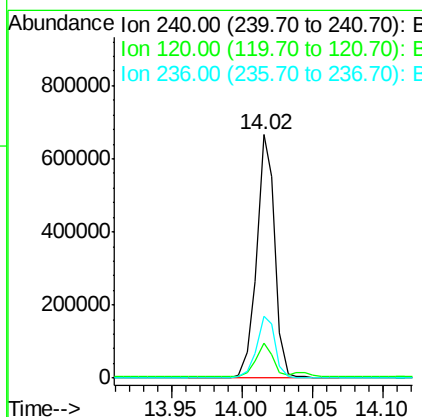
RT: 14.02 min Scan# 2028

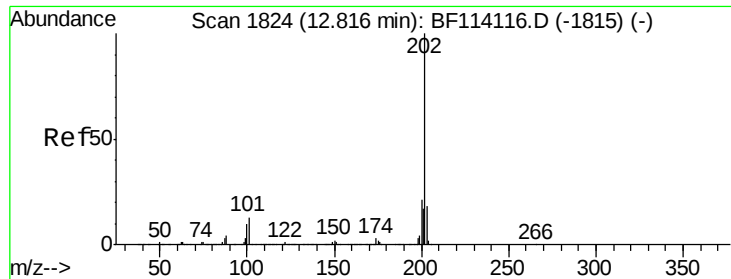
Delta R.T. -0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion:	240	Resp:	602310
Ion	Ratio	Lower	Upper
240	100		
120	14.2	8.3	12.5#
236	25.7	20.8	31.2





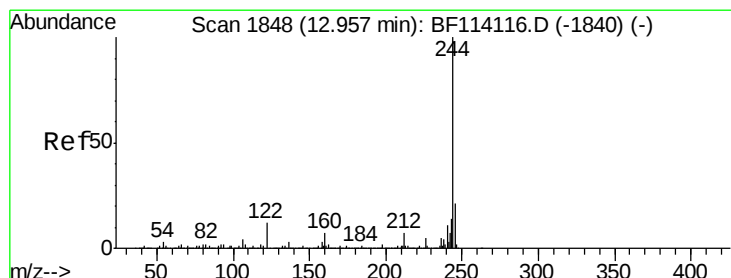
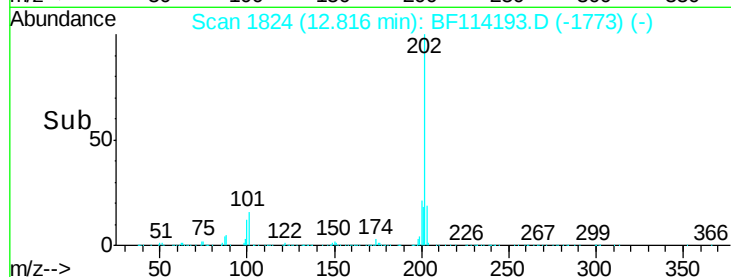
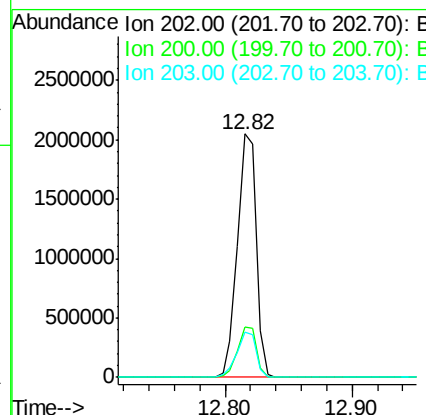
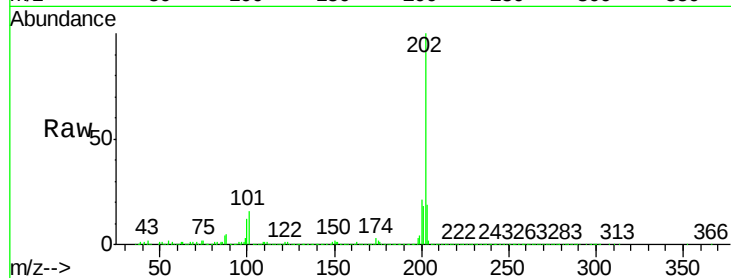
#78
Pvrene
Concen: 42.938 ng
RT: 12.82 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	18.7	14.5	21.7

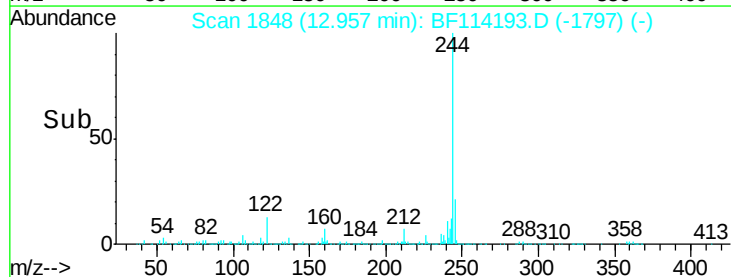
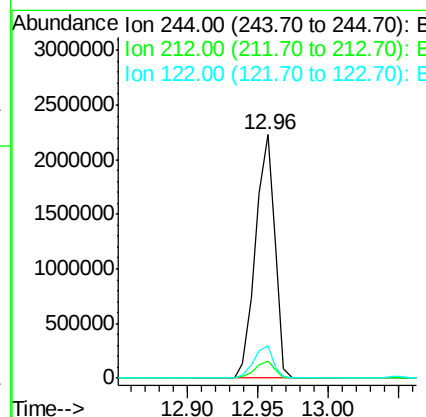
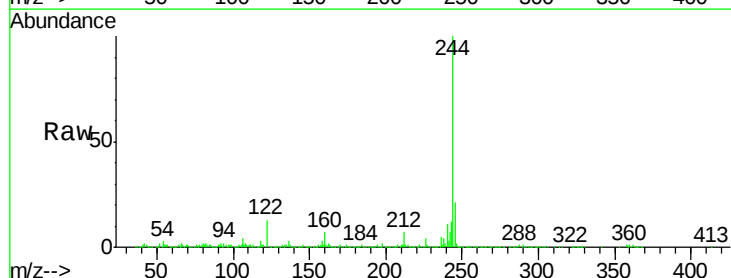
Manual Integrations
APPROVED

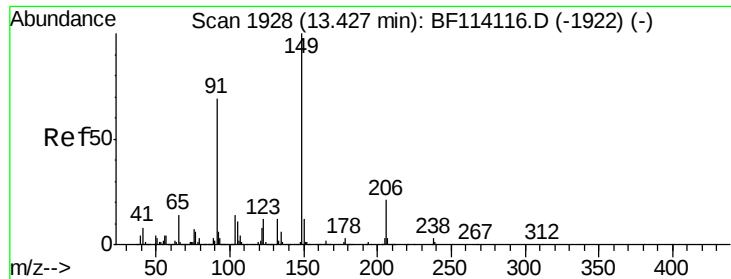
Sohil
5/13/2019 8:37:22 PM



#79
Terphenyl-d14
Concen: 73.730 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.6
122	13.5	9.4	14.2





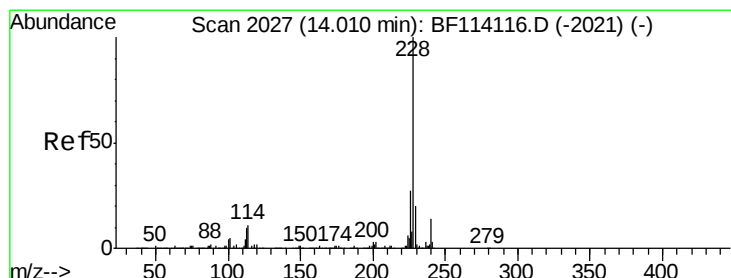
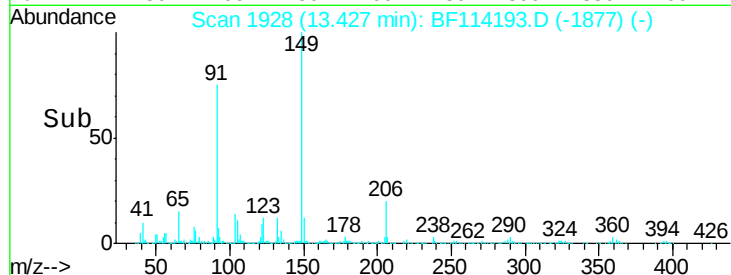
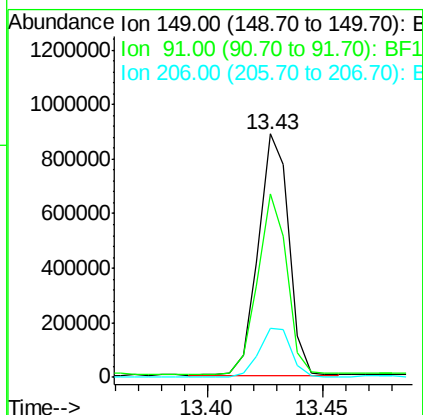
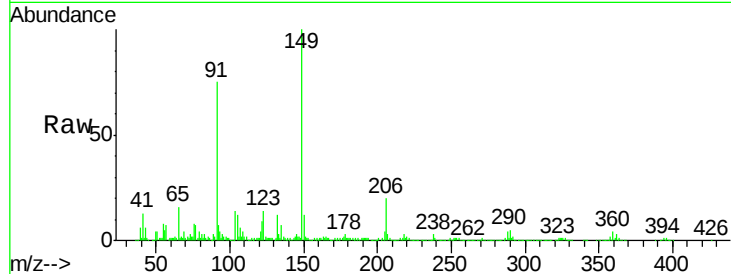
#80
Butylbenzylphthalate
Concen: 39.974 ng
RT: 13.43 min Scan# 1928
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	815235		
91	75.2	55.0	82.4	
206	20.3	16.9	25.3	

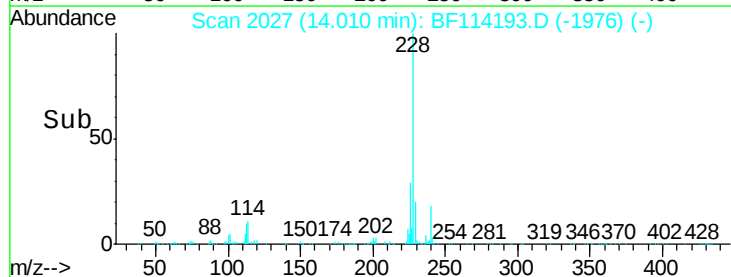
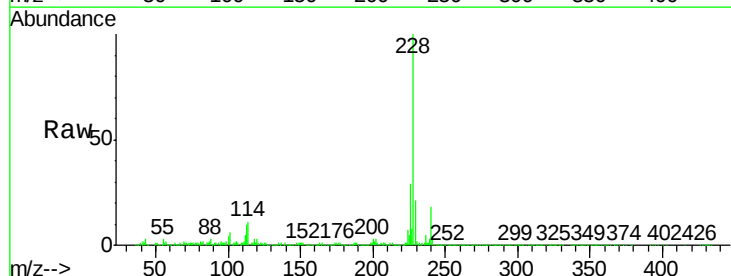
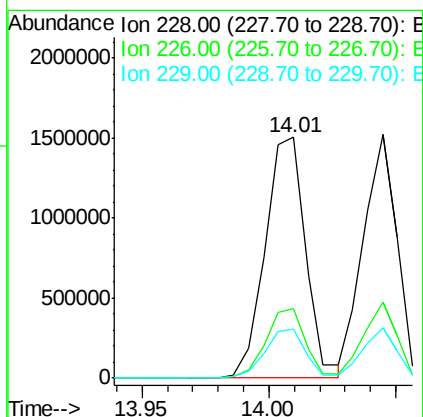
Manual Integrations
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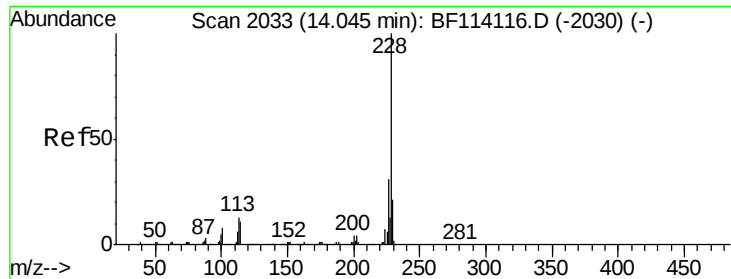
Sohil
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#81
Benzo(a)anthracene
Concen: 42.729 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	1664581		
226	29.0	22.2	33.2	
229	20.5	16.4	24.6	





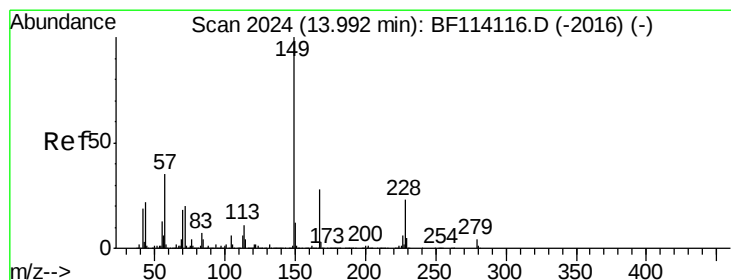
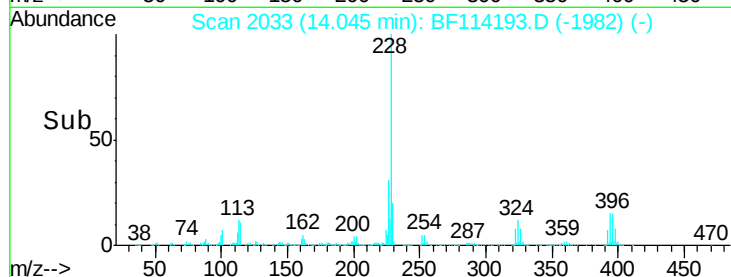
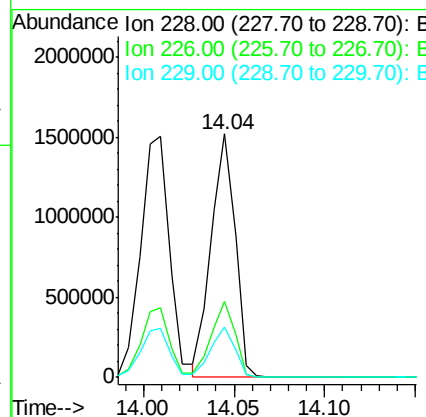
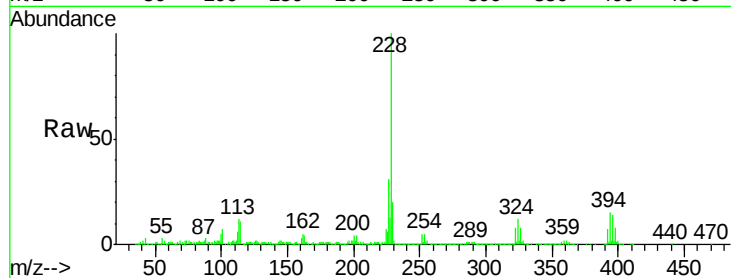
#83
 Chrvsene
 Concen: 36.666 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

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

Tot Ion:228 Resp: 1400244
 Ion Ratio Lower Upper
 228 100
 226 31.3 25.0 37.6
 229 20.5 17.0 25.6

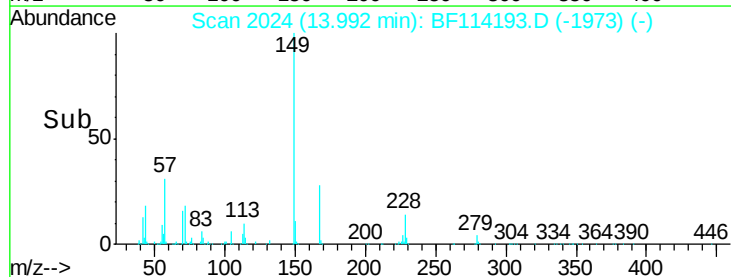
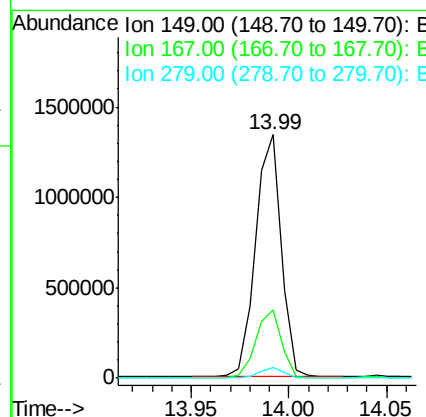
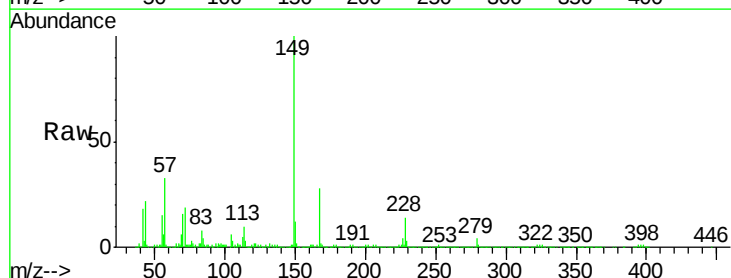
Manual Integrations
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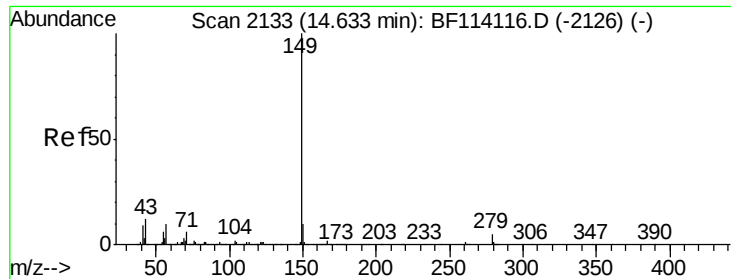
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.287 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.00 min
 Lab File: BF114193.D
 Acq: 12 May 2019 15:38

Tgt Ion:149 Resp: 1207931
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.6 33.8
 279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.720 ng

RT: 14.60 min Scan# 2128

Delta R.T. -0.03 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:149 Resp: 2063353

Ion Ratio Lower Upper

149 100

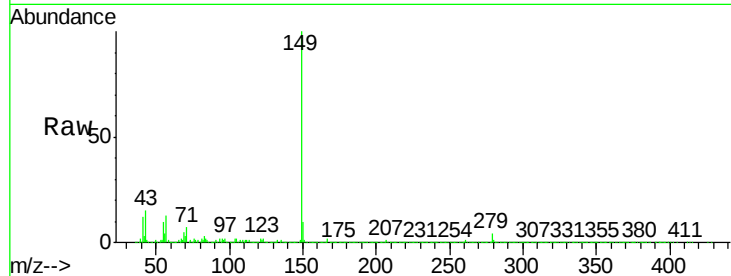
167 1.5 1.3 1.9

43 12.8 10.1 15.1

Manual Integrations
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Sohil

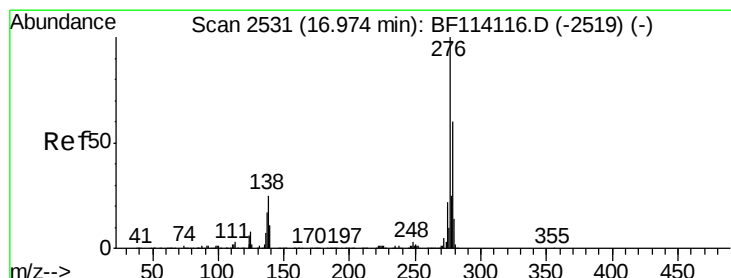
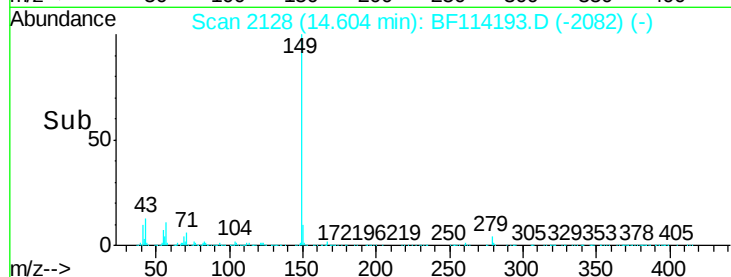
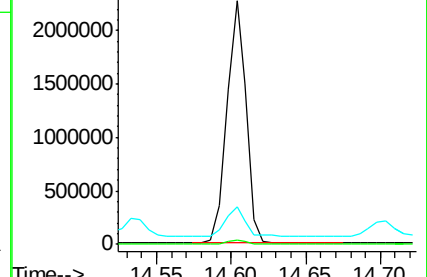
5/13/2019 8:37:22 PM



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.712 ng

RT: 16.97 min Scan# 2531

Delta R.T. -0.00 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

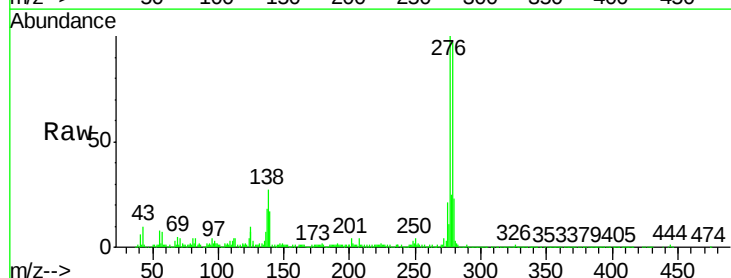
Tgt Ion:276 Resp: 1374065

Ion Ratio Lower Upper

276 100

138 26.9 20.2 30.2

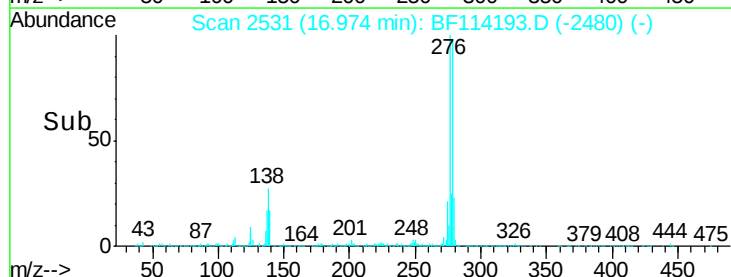
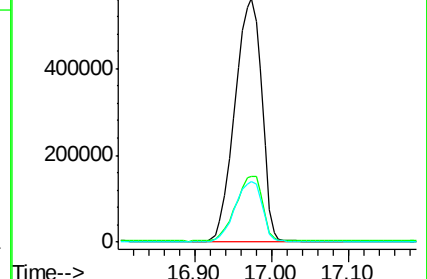
277 25.1 20.0 30.0

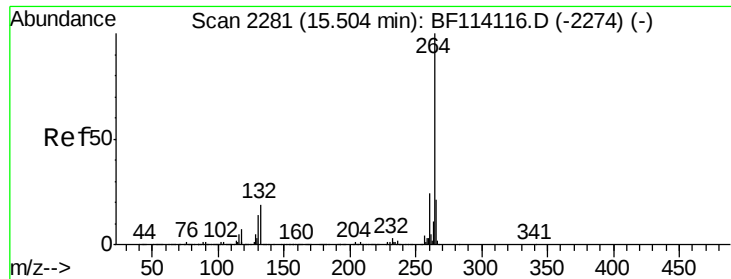


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.49 min Scan# 2278

Delta R.T. -0.02 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

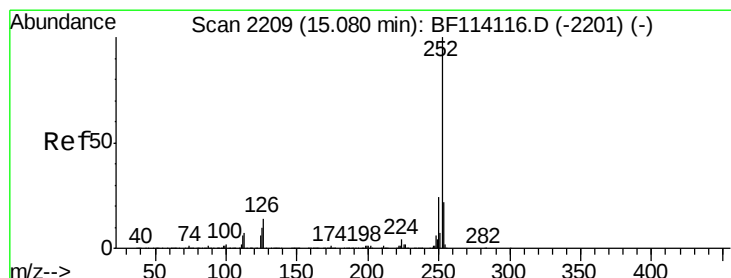
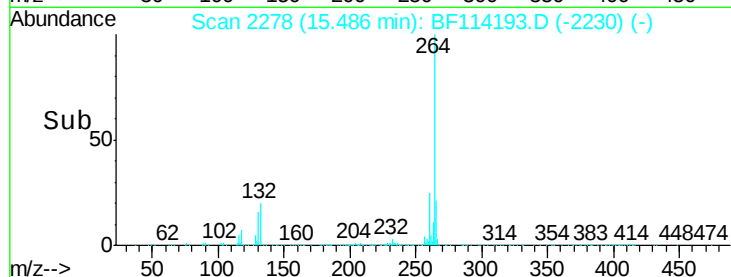
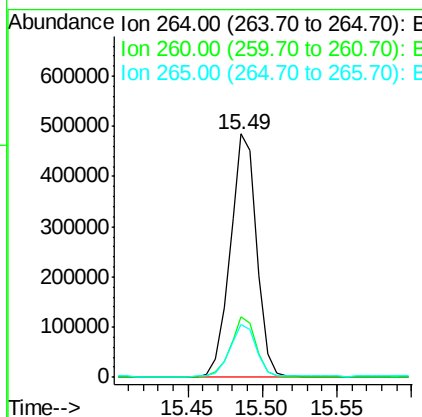
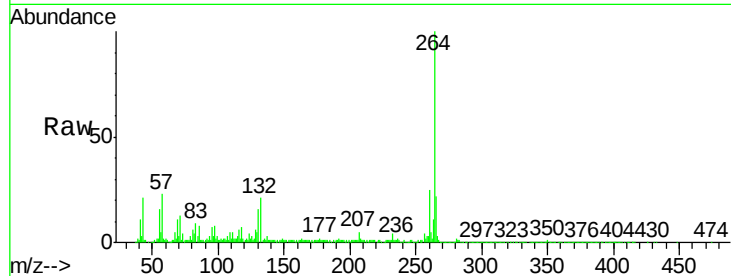
ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:	264	Resp:	597232
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.4	29.0
265	21.6	16.9	25.3

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 43.438 ng

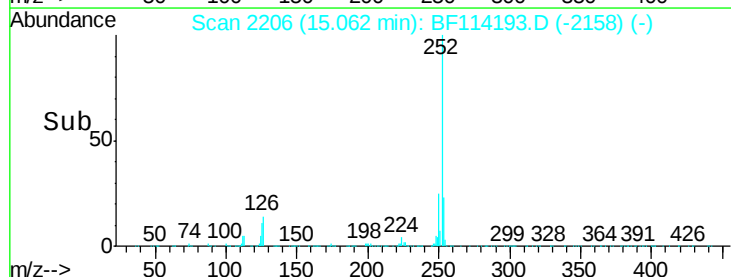
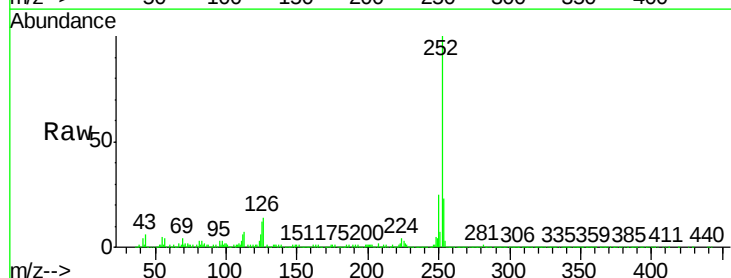
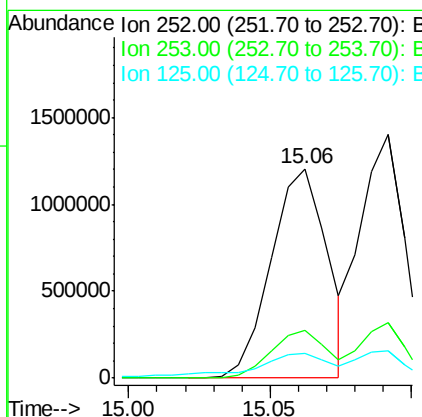
RT: 15.06 min Scan# 2206

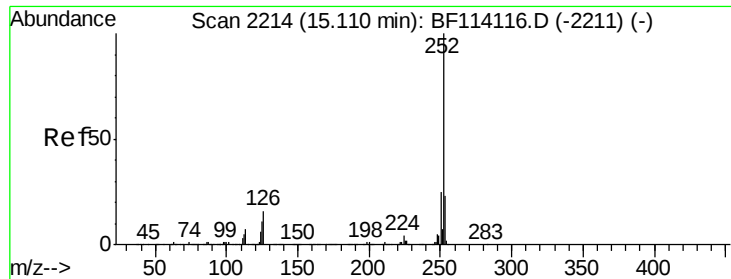
Delta R.T. -0.02 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Tgt Ion:	252	Resp:	1662036
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.8	26.8
125	11.9	8.3	12.5





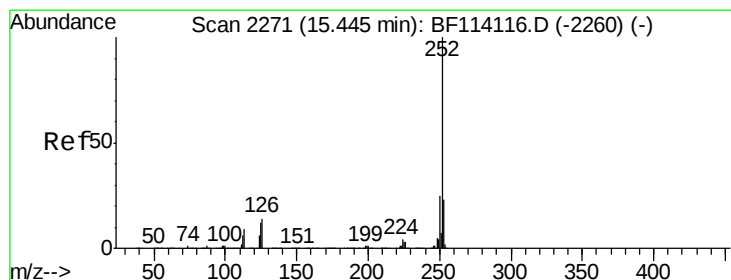
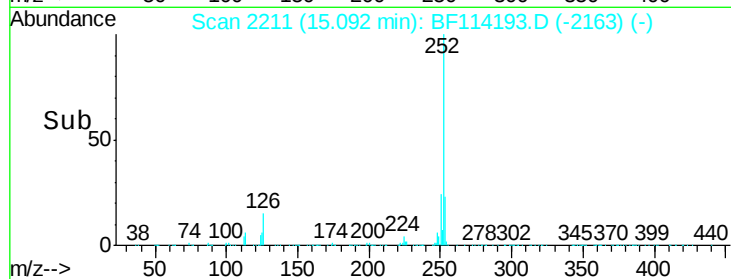
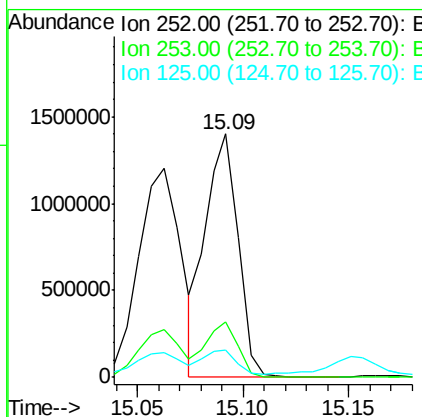
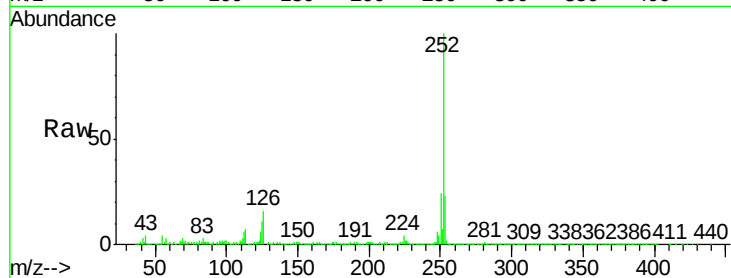
#89
Benzo(k)fluoranthene
Concen: 42.556 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.02 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

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

Tot Ion:252 Resp: 1495729
Ion Ratio Lower Upper
252 100
253 22.9 18.2 27.2
125 11.2 8.6 13.0

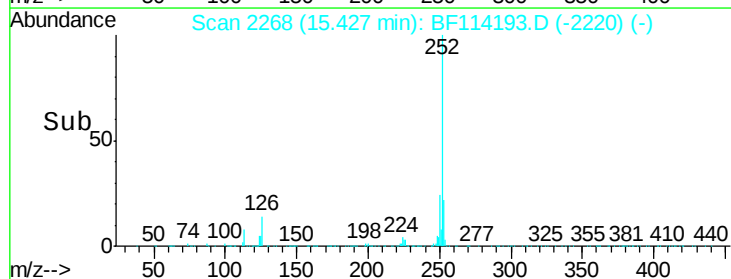
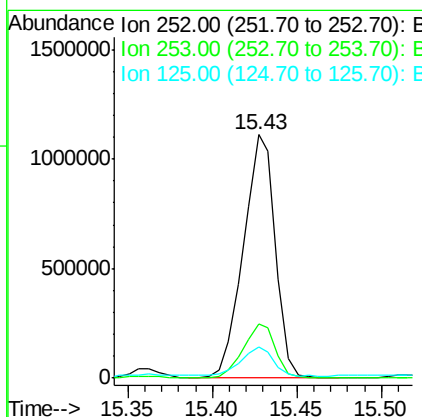
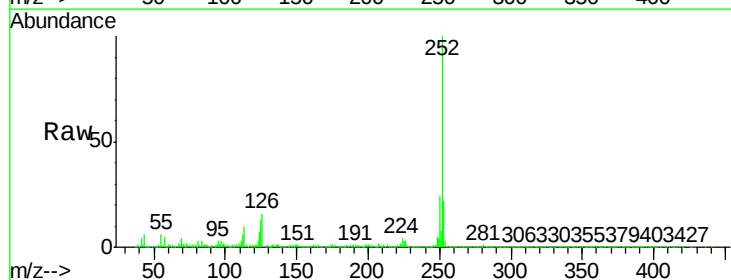
Manual Integrations
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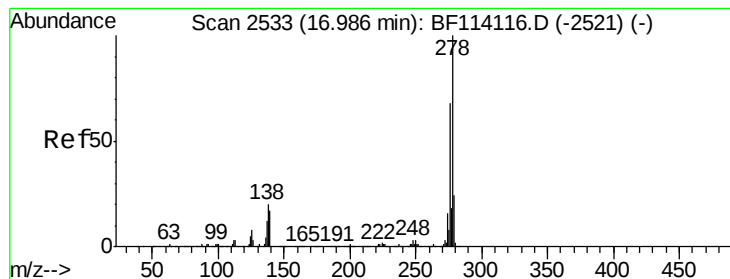
Sohil
5/13/2019 8:37:22 PM



#90
Benzo(a)pyrene
Concen: 43.190 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BF114193.D
Acq: 12 May 2019 15:38

Tgt Ion:252 Resp: 1454368
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 13.0 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 41.031 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

Instrument :

BNA_F

ClientSampleId :

P026-SS008-0206-01MSD

Tot Ion:278 Resp: 1148094

Ion Ratio Lower Upper

278 100

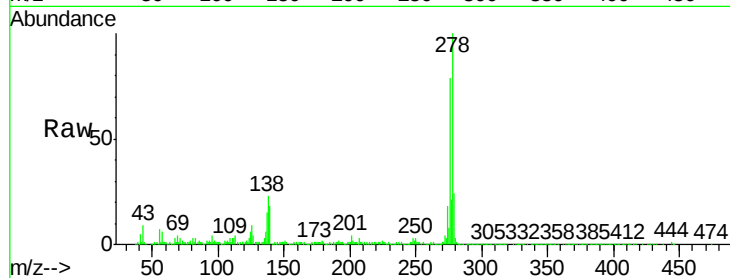
139 18.2 13.5 20.3

279 24.4 19.0 28.6

Manual Integrations
APPROVED

Sohil

5/13/2019 8:37:22 PM



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

16.98

800000

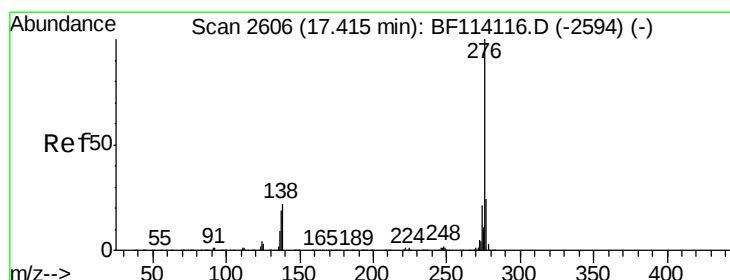
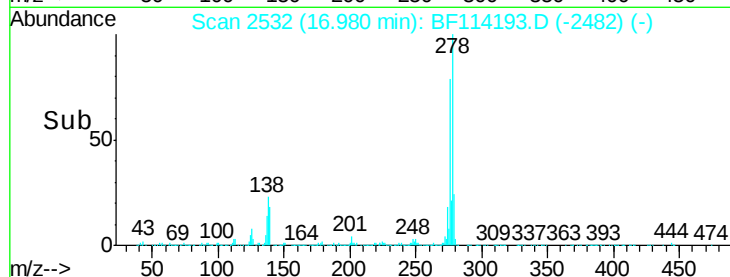
600000

400000

200000

0

Time--> 16.80 16.90 17.00 17.10



#92

Benzo(g,h,i)perylene

Concen: 40.599 ng

RT: 17.42 min Scan# 2607

Delta R.T. 0.01 min

Lab File: BF114193.D

Acq: 12 May 2019 15:38

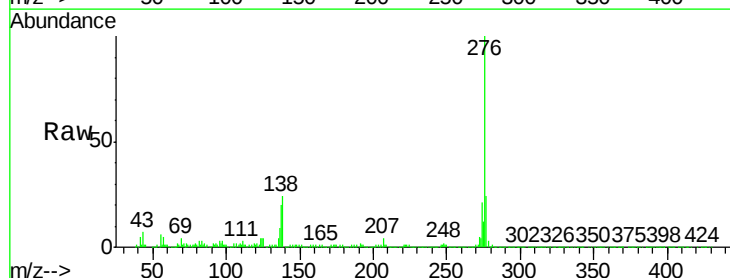
Tgt Ion:276 Resp: 1138446

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 23.9 17.8 26.6



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

17.42

600000

400000

200000

0

Time--> 17.30 17.40 17.50

