

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080619\
 Data File : BF116025.D
 Acq On : 6 Aug 2019 20:42
 Operator : HP/JU
 Sample : K4129-15MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

Manual Integrations
 APPROVED

mohammad
 8/7/2019 4:42:08 PM

Quant Time: Aug 07 05:01:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	121682	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	464127	20.00	ng	-0.01
39) Acenaphthene-d10	9.88	164	250843	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	438185	20.00	ng	-0.02
76) Chrysene-d12	14.00	240	307292	20.00	ng	-0.02
87) Perylene-d12	15.46	264	351073	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	899162	123.70	ng	0.01
7) Phenol-d6	6.49	99	1121719	122.32	ng	0.00
23) Nitrobenzene-d5	7.41	82	815198	101.39	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	359076	147.65	ng	-0.02
45) 2-Fluorobiphenyl	9.20	172	1435881	107.22	ng	-0.02
79) Terphenyl-d14	12.95	244	1642272	112.61	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.76	88	129350	35.226	ng	# 86
3) Pyridine	3.49	79	299858	29.233	ng	96
4) n-Nitrosodimethylamine	3.40	42	165591	40.907	ng	98
6) Aniline	6.51	93	173185	13.186	ng	# 77
8) 2-Chlorophenol	6.63	128	358422	44.593	ng	97
9) Benzaldehyde	6.40	77	153610	24.276	ng	99
10) Phenol	6.50	94	406022	37.597	ng	98
11) bis(2-Chloroethyl)ether	6.58	93	359058	45.222	ng	99
12) 1,3-Dichlorobenzene	6.79	146	388622	41.836	ng	98
13) 1,4-Dichlorobenzene	6.86	146	394937	42.462	ng	98
14) 1,2-Dichlorobenzene	7.02	146	368206	42.994	ng	99
15) Benzyl Alcohol	6.99	79	316837	45.525	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	461201	42.586	ng	85
17) 2-Methylphenol	7.10	107	304696	44.769	ng	97
18) Hexachloroethane	7.35	117	143154	41.804	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	255294	44.923	ng	99
20) 3+4-Methylphenols	7.26	107	378301	46.971	ng	# 75
22) Acetophenone	7.25	105	505748	49.686	ng	99
24) Nitrobenzene	7.42	77	412193	47.477	ng	99
25) Isophorone	7.66	82	743107	48.333	ng	99
26) 2-Nitrophenol	7.74	139	200711	49.043	ng	98
27) 2,4-Dimethylphenol	7.78	122	332963	54.078	ng	100
28) bis(2-Chloroethoxy)methane	7.87	93	455332	47.781	ng	99
29) 2,4-Dichlorophenol	7.99	162	325555	50.077	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	341994	46.149	ng	99
31) Naphthalene	8.15	128	1065792	48.798	ng	100
32) Benzoic acid	7.91	122	128296	29.555	ng	97
33) 4-Chloroaniline	8.20	127	89950	9.217	ng	99
34) Hexachlorobutadiene	8.26	225	191267	44.809	ng	100
35) Caprolactam	8.56	113	87109m	41.429	ng	
36) 4-Chloro-3-methylphenol	8.69	107	342786	50.684	ng	99
37) 2-Methylnaphthalene	8.83	142	722277	50.214	ng	100
38) 1-Methylnaphthalene	8.93	142	680525	50.010	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	326235	48.648	ng	99

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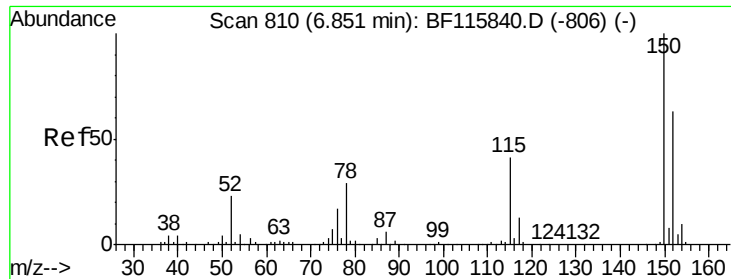
Manual Integrations
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Quant Time: Aug 07 05:01:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	160777	55.373	nq	100
43) 2,4,6-Trichlorophenol	9.12	196	214992	46.577	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	233463	48.929	nq	97
46) 1,1'-Biphenyl	9.30	154	895358	50.558	nq	100
47) 2-Chloronaphthalene	9.33	162	698915	47.418	nq	99
48) 2-Nitroaniline	9.42	65	231065	47.428	nq	91
49) Acenaphthylene	9.74	152	1082707	50.350	nq	100
50) Dimethylphthalate	9.60	163	842936	49.353	nq	100
51) 2,6-Dinitrotoluene	9.66	165	189226	50.981	nq	91
52) Acenaphthene	9.91	154	647844	49.108	nq	99
53) 3-Nitroaniline	9.83	138	80166	17.480	nq	95
54) 2,4-Dinitrophenol	9.95	184	72443	42.439	nq	96
55) Dibenzofuran	10.09	168	967707	50.442	nq	99
56) 4-Nitrophenol	10.01	139	251855	85.724	nq	95
57) 2,4-Dinitrotoluene	10.07	165	248322	50.249	nq	95
58) Fluorene	10.43	166	757603	51.327	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	193607	48.230	nq	99
60) Diethylphthalate	10.30	149	806872	50.600	nq	99
61) 4-Chlorophenyl-phenylether	10.42	204	369915	49.485	nq	99
62) 4-Nitroaniline	10.45	138	205441	43.345	nq	99
63) Azobenzene	10.57	77	839751	51.200	nq	99
65) 4,6-Dinitro-2-methylphenol	10.49	198	75452	32.493	nq	94
66) n-Nitrosodiphenylamine	10.53	169	686570	52.057	nq	100
67) 4-Bromophenyl-phenylether	10.90	248	231597	49.373	nq	98
68) Hexachlorobenzene	10.98	284	257282	47.433	nq	98
69) Atrazine	11.06	200	219550	50.600	nq	99
70) Pentachlorophenol	11.17	266	198113	75.231	nq	97
71) Phenanthrene	11.39	178	1131691	50.520	nq	100
72) Anthracene	11.45	178	1177555	51.942	nq	99
73) Carbazole	11.60	167	1088499	52.922	nq	99
74) Di-n-butylphthalate	11.92	149	1259005	52.473	nq	100
75) Fluoranthene	12.58	202	1188444	50.676	nq	99
77) Benzidine	12.70	184	262615	25.296	nq	96
78) Pyrene	12.81	202	1207757	52.139	nq	100
80) Butylbenzylphthalate	13.42	149	533918	54.490	nq	98
81) Benzo(a)anthracene	13.99	228	989837	50.396	nq	100
82) 3,3'-Dichlorobenzidine	13.95	252	168184	24.647	nq	99
83) Chrysene	14.03	228	969880	50.863	nq	100
84) Bis(2-ethylhexyl)phthalate	13.97	149	723243	56.800	nq	100
85) Di-n-octyl phthalate	14.58	149	1142296	56.480	nq	100
86) Indeno(1,2,3-cd)pyrene	16.94	276	1119011	69.871	nq	99
88) Benzo(b)fluoranthene	15.04	252	986598	48.602	nq	98
89) Benzo(k)fluoranthene	15.07	252	933144	47.195	nq	98
90) Benzo(a)pyrene	15.41	252	949629	52.332	nq	99
91) Dibenzo(a,h)anthracene	16.95	278	944348	60.121	nq	99
92) Benzo(g,h,i)perylene	17.38	276	941269	61.018	nq	100

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



#1

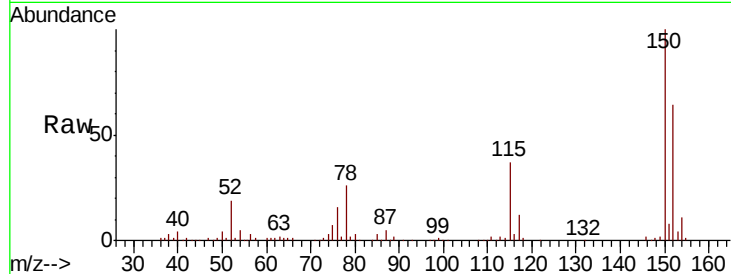
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	127.4	191.0
115	58.3	51.8	77.8

Manual Integrations
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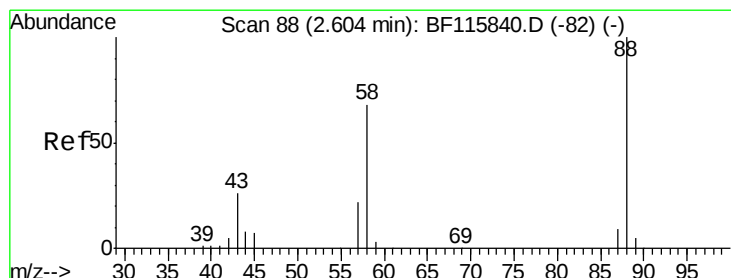
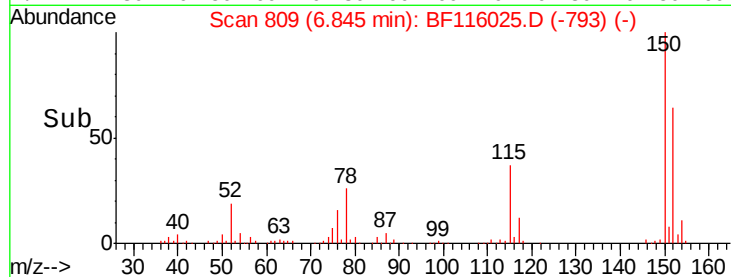
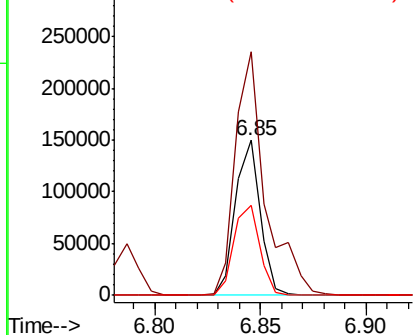


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

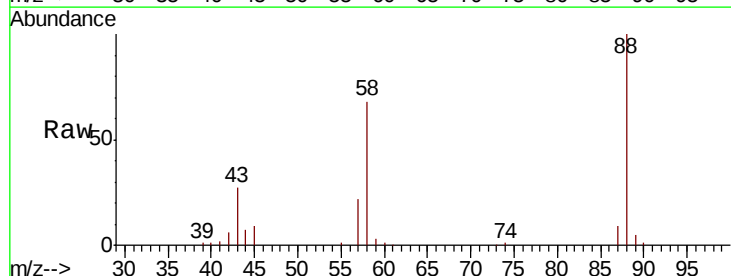
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 35.226 ng
RT: 2.76 min Scan# 115
Delta R.T. 0.16 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.4	54.1	81.1
43	0.0	20.7	31.1#

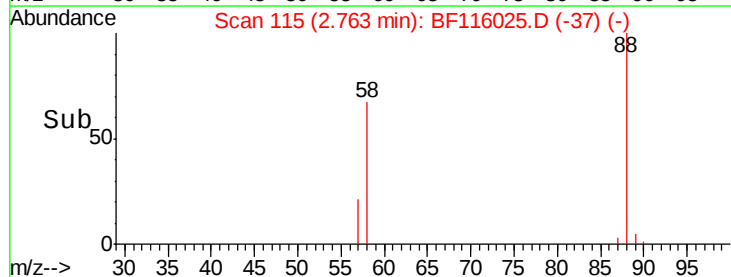
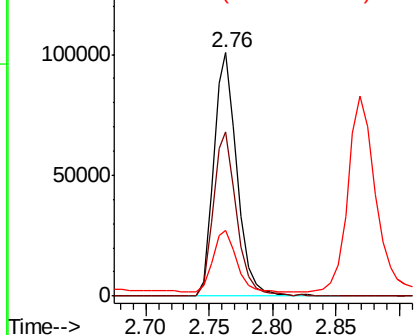


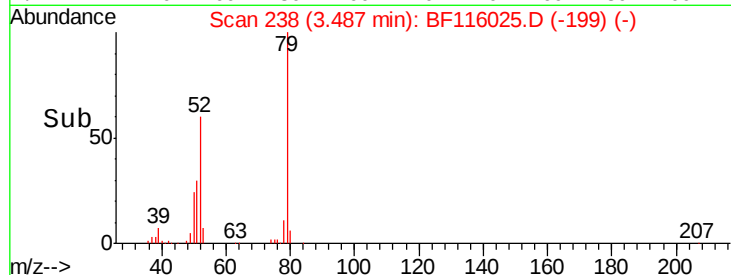
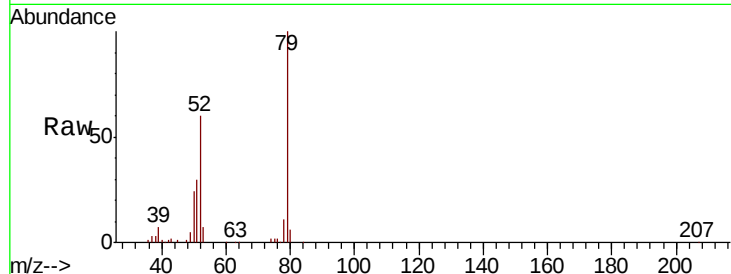
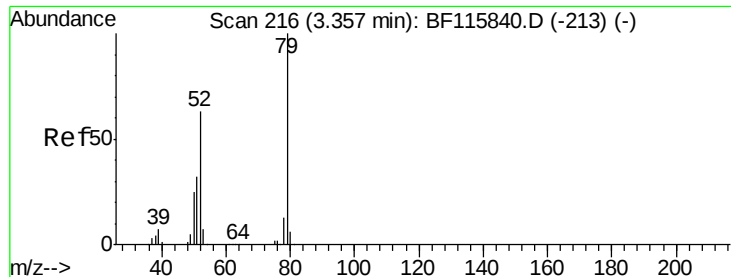
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





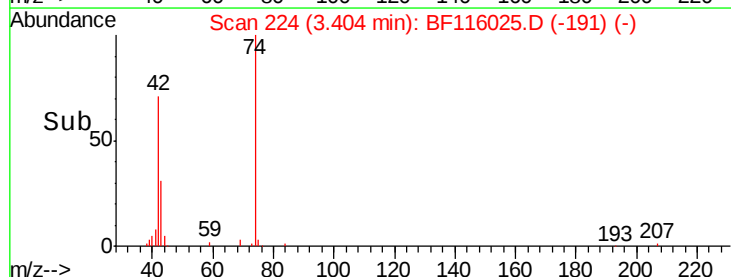
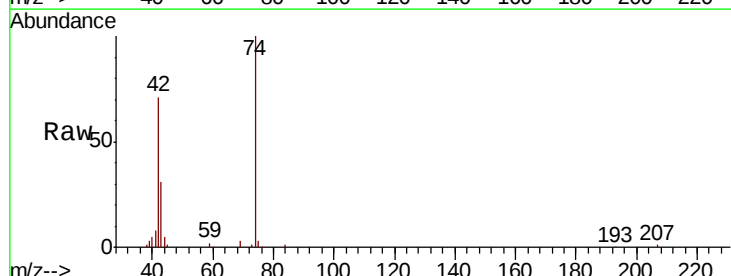
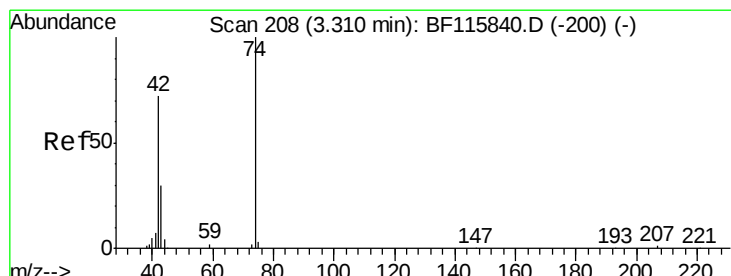
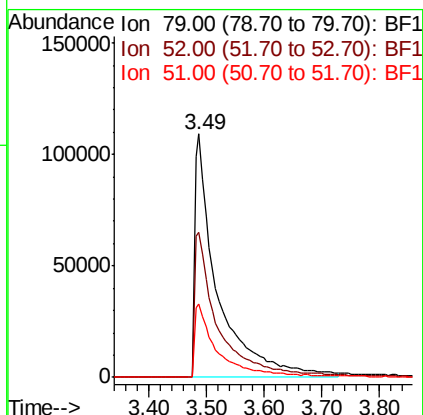
#3
 Pvridine
 Concen: 29.233 ng
 RT: 3.49 min Scan# 238
 Delta R.T. 0.13 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tot Ion:	79	Resp:	299858
Ion Ratio	Lower	Upper	
79	100		
52	59.6	50.2	75.4
51	30.0	25.8	38.6

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

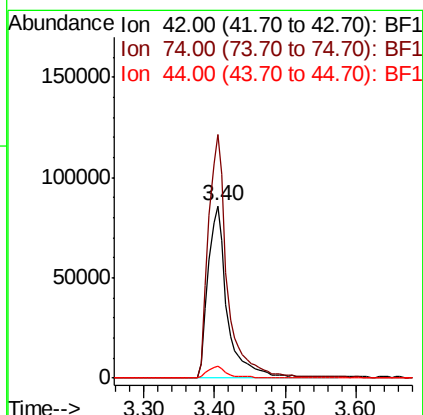
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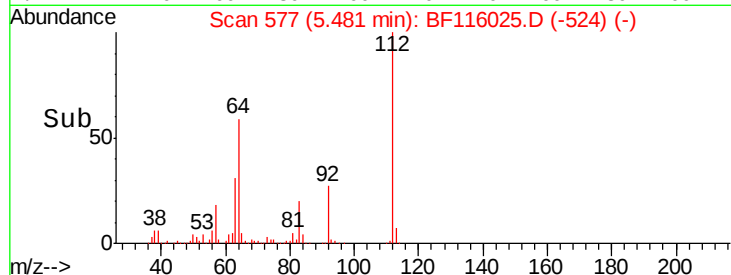
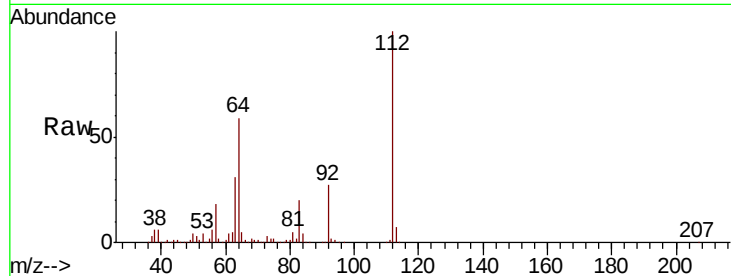
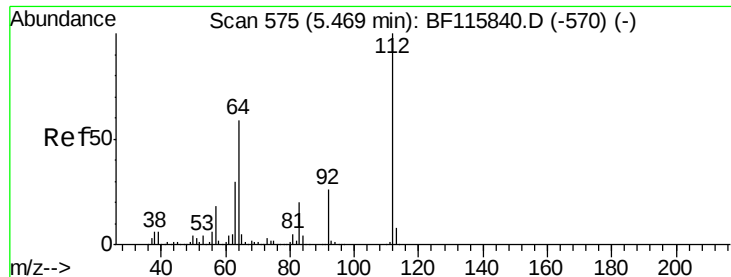
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#4
 n-Nitrosodimethylamine
 Concen: 40.907 ng
 RT: 3.40 min Scan# 224
 Delta R.T. 0.09 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion:	42	Resp:	165591
Ion Ratio	Lower	Upper	
42	100		
74	141.6	111.0	166.4
44	6.6	4.7	7.1





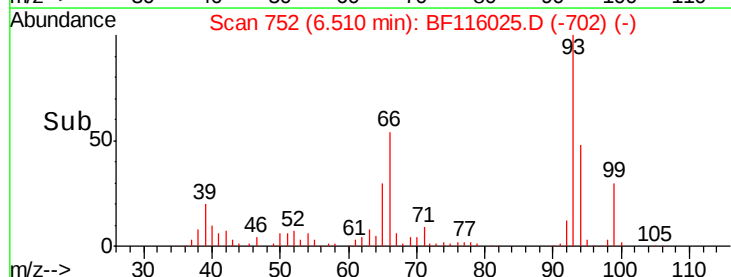
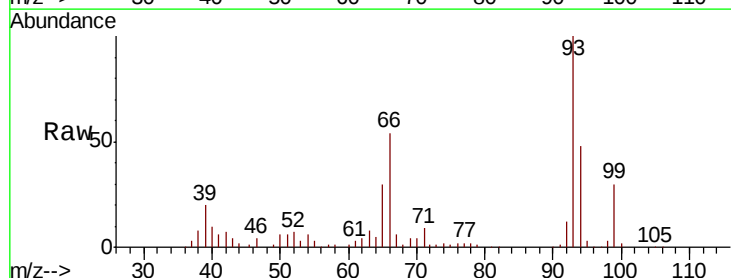
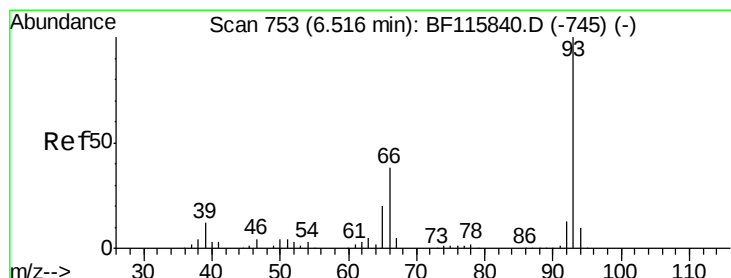
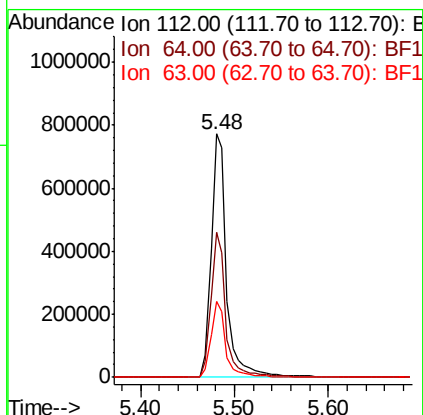
#5
2-Fluorophenol
Concen: 123.704 ng
RT: 5.48 min Scan# 577
Delta R.T. 0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tot Ion	Ratio	Resp	Lower	Upper
112	100	899162		
64	59.4	46.8	70.2	
63	31.1	24.2	36.2	

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

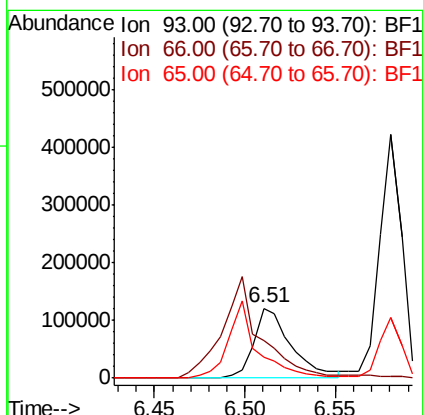
Manual Integrations
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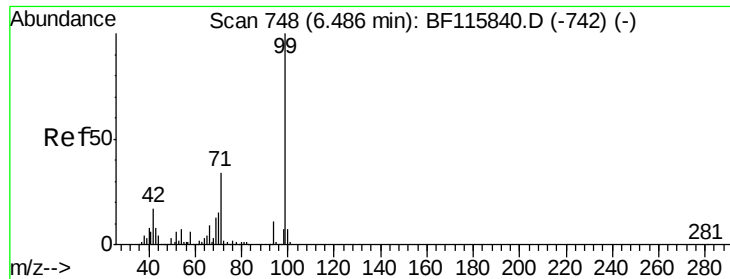
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#6
Aniline
Concen: 13.186 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	173185		
66	53.6	31.4	47.0#	
65	30.4	16.5	24.7#	





#7

Phenol-d6

Concen: 122.315 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMPMSD

Tot Ion: 99 Resp: 1121719

Ion Ratio Lower Upper

99 100

42 17.0 13.8 20.6

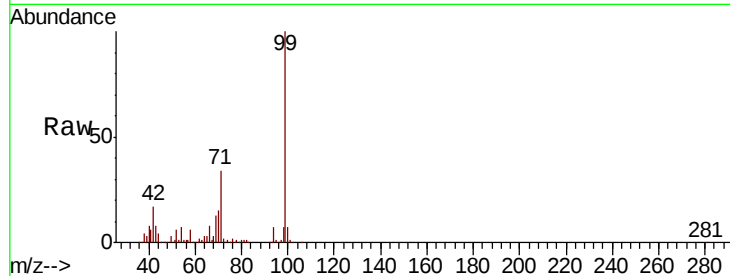
71 33.8 27.1 40.7

Manual Integrations

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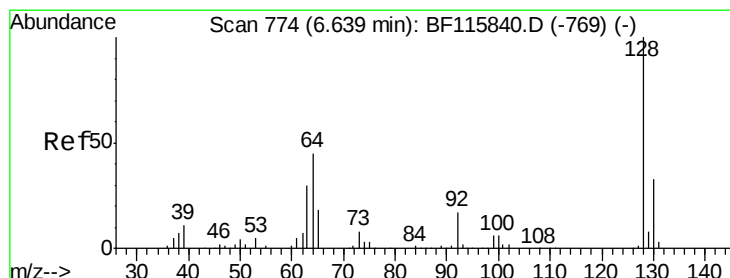
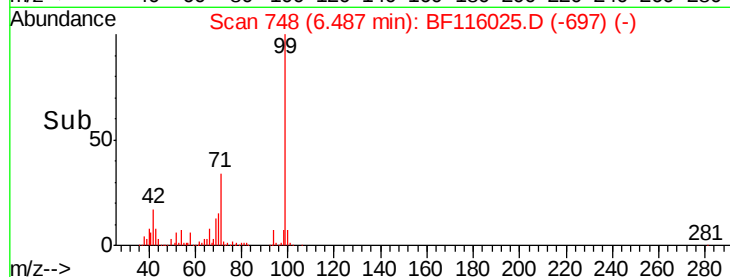
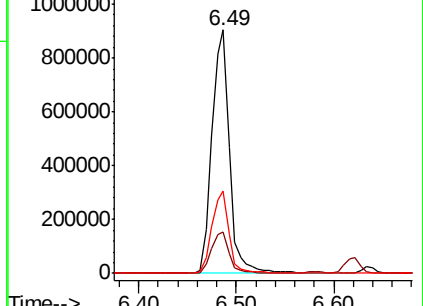
8/7/2019 4:42:08 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.593 ng

RT: 6.63 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

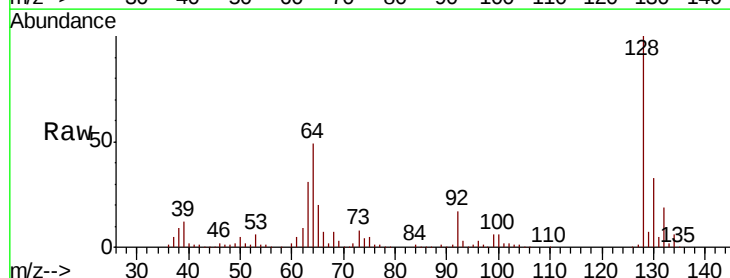
Tgt Ion: 128 Resp: 358422

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

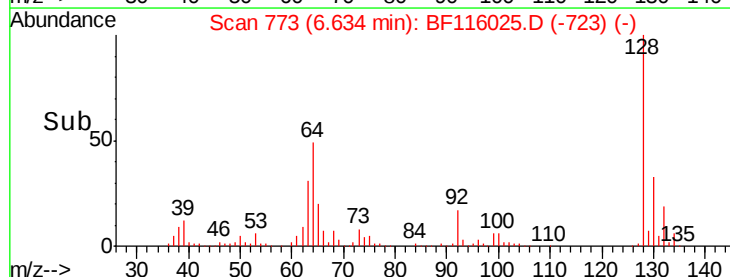
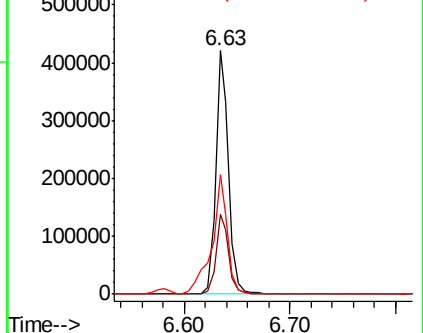
64 49.1 26.1 66.1

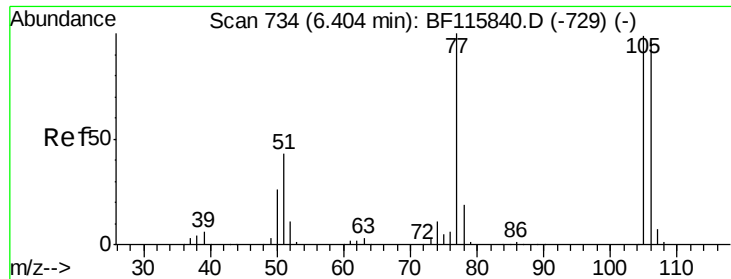


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





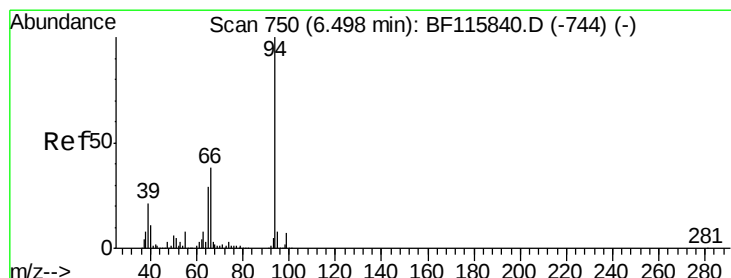
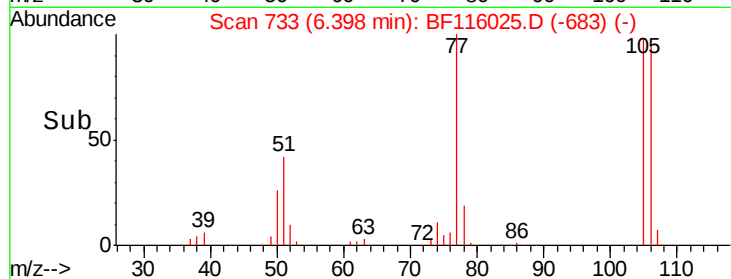
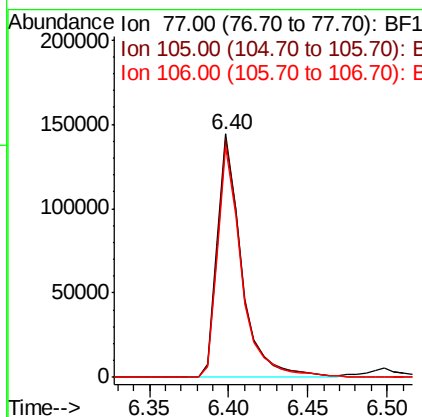
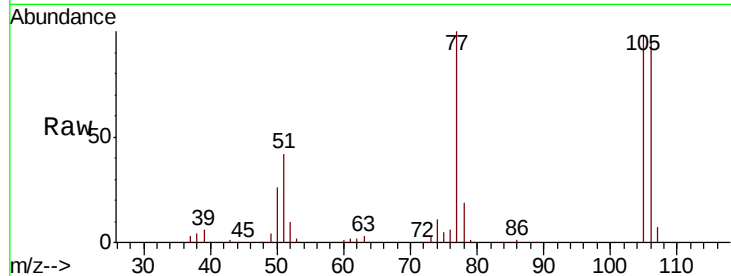
#9
Benzaldehyde
Concen: 24.276 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.2	79.0	119.0
106	94.6	76.2	116.2

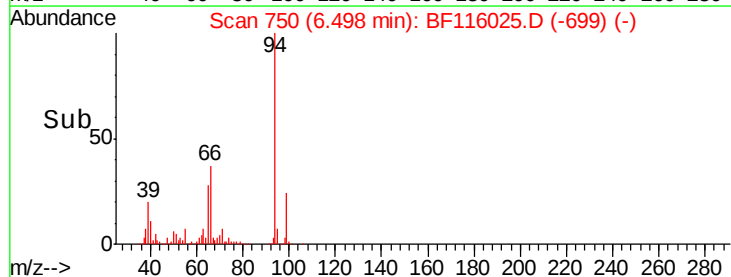
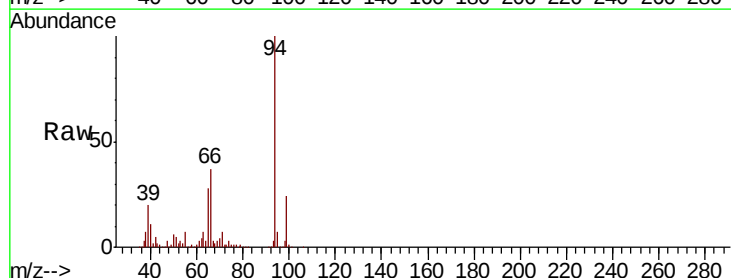
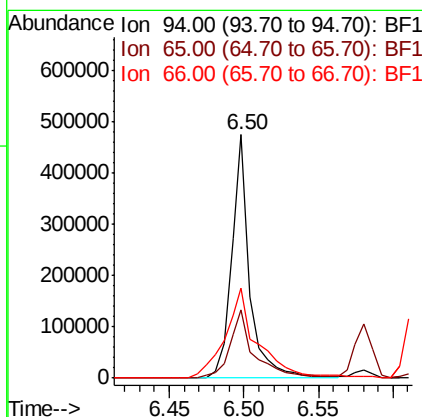
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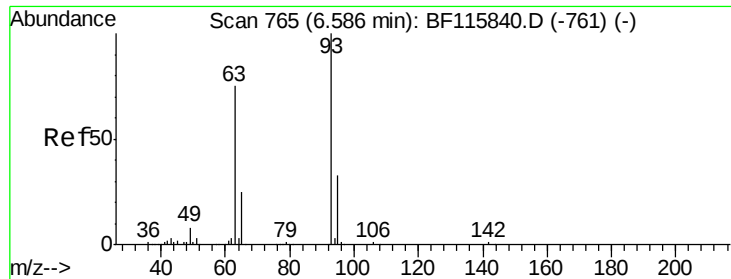
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#10
Phenol
Concen: 37.597 ng
RT: 6.50 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
94	100		
65	27.9	8.9	48.9
66	37.0	18.0	58.0





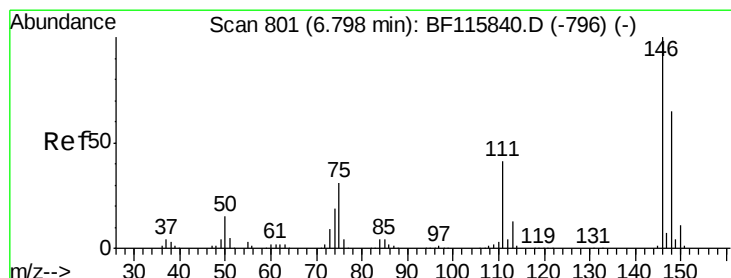
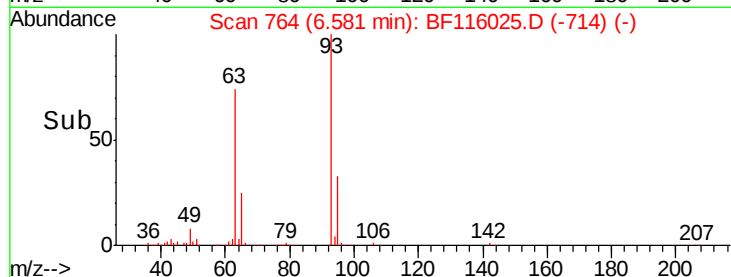
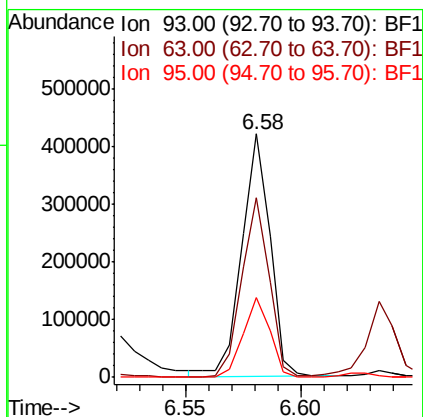
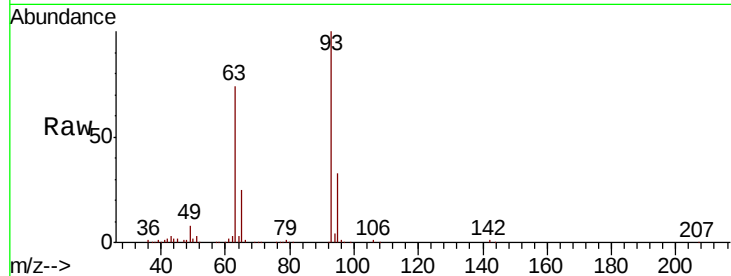
#11
bis(2-Chloroethyl)ether
Concen: 45.222 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100			
63	73.6	54.9	94.9	
95	33.0	13.3	53.3	

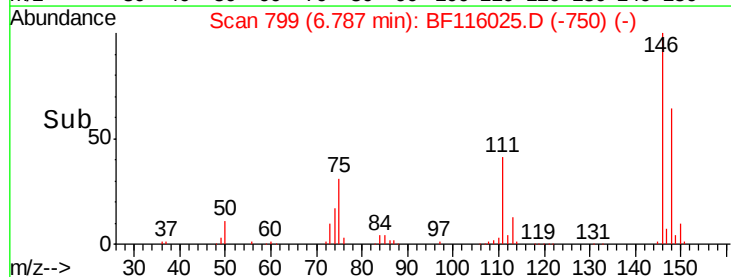
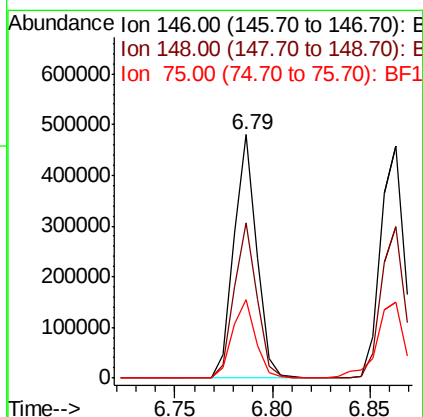
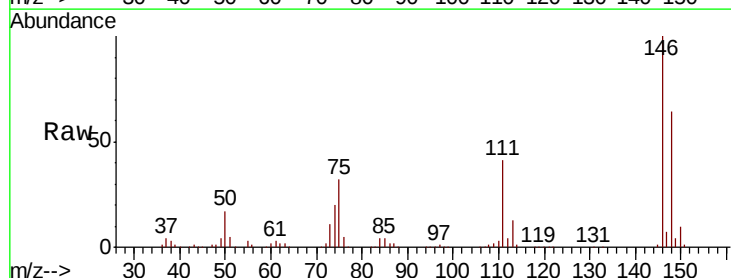
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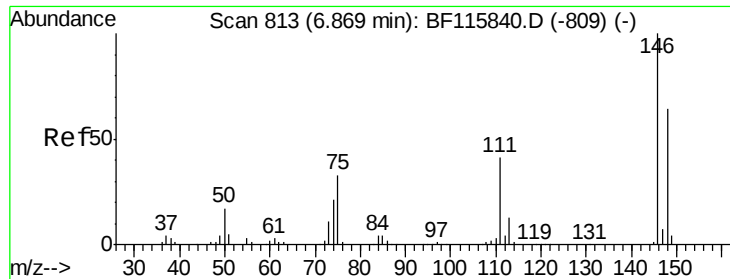
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#12
1,3-Dichlorobenzene
Concen: 41.836 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
146	100			
148	63.9	52.1	78.1	
75	32.3	25.0	37.6	





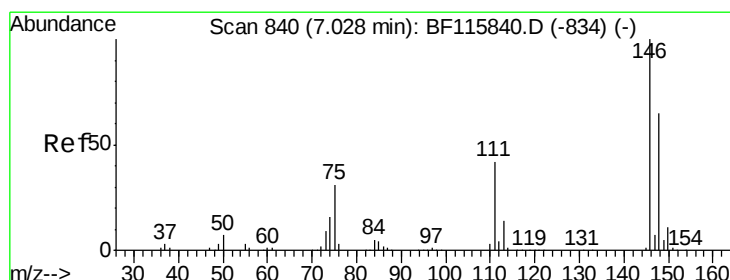
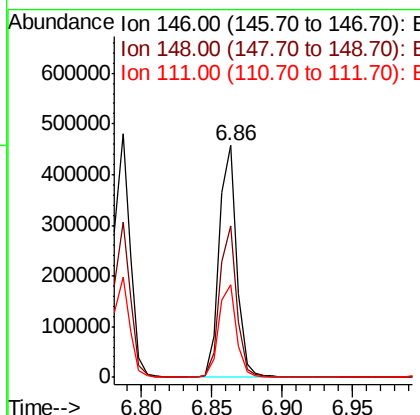
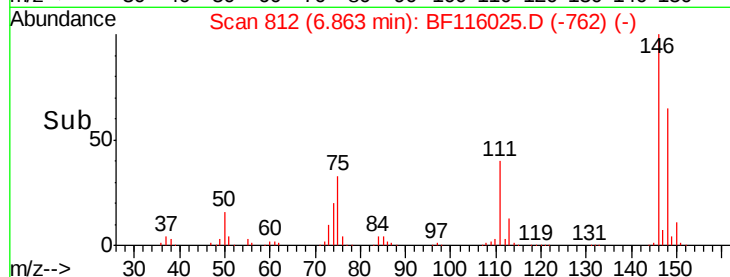
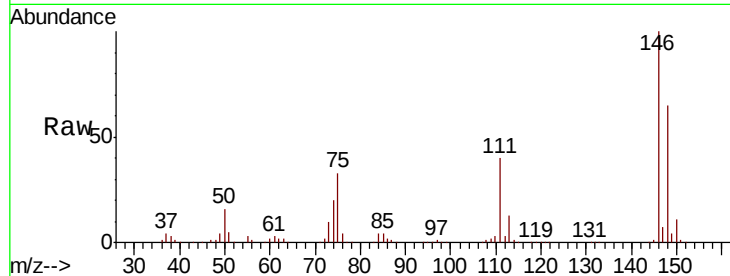
#13
 1,4-Dichlorobenzene
 Concen: 42.462 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.5	51.2	76.8
111	40.1	33.2	49.8

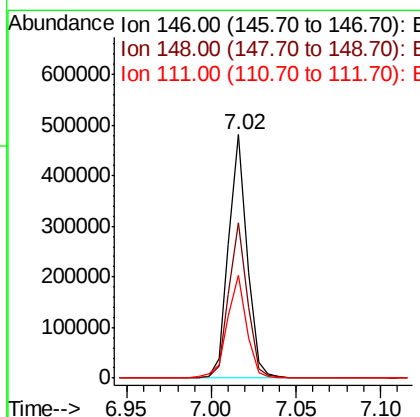
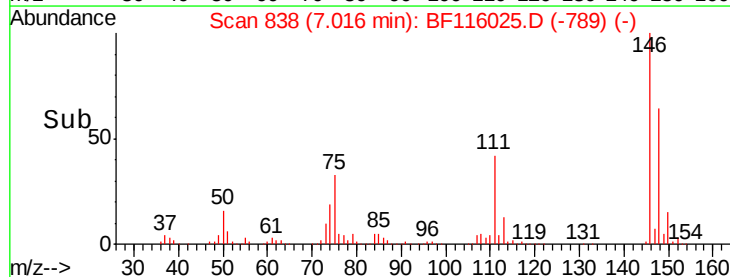
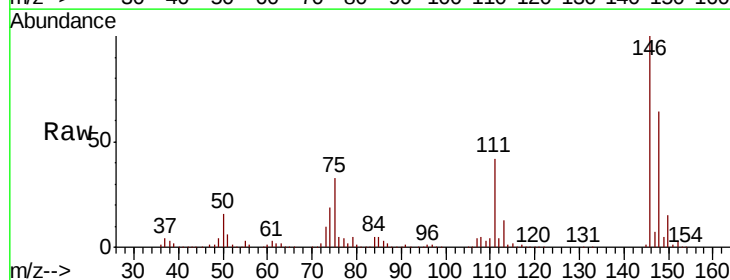
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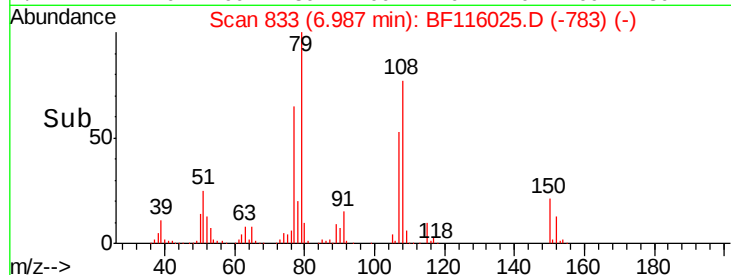
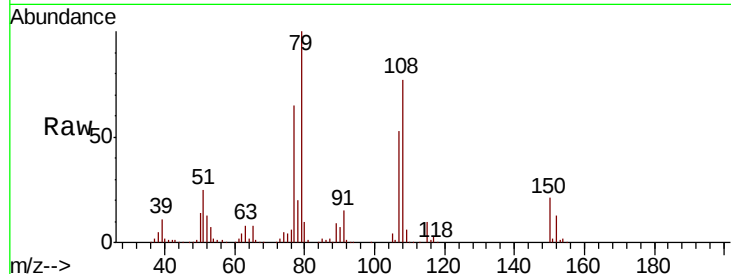
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#14
 1,2-Dichlorobenzene
 Concen: 42.994 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.6	77.4
111	42.4	33.6	50.4





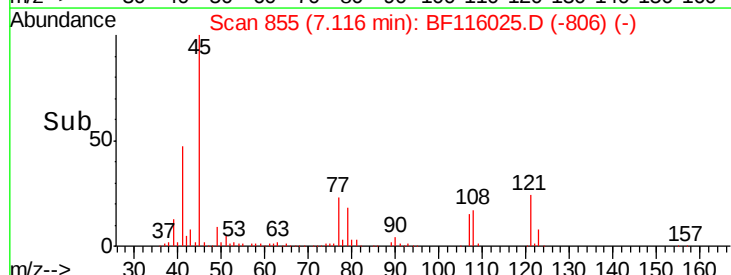
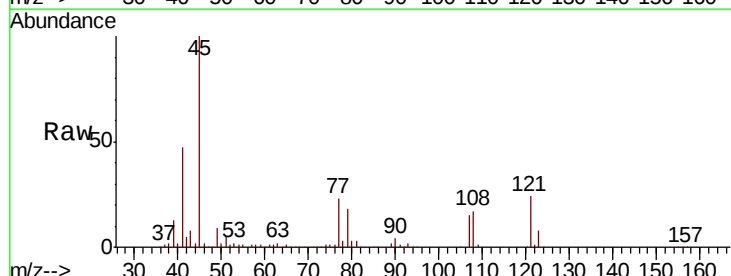
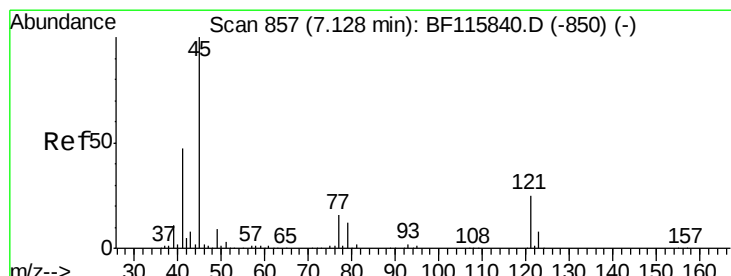
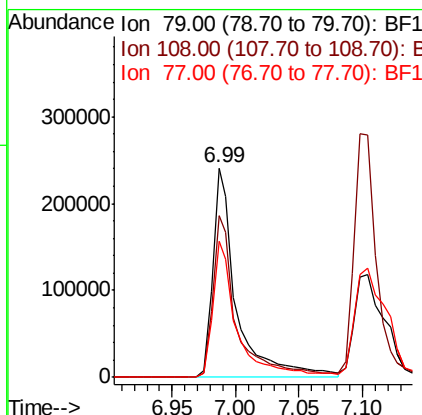
#15
Benzyl Alcohol
Concen: 45.525 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tot Ion:	79	Resp:	316837
Ion Ratio	Lower	Upper	
79	100		
108	77.3	62.8	94.2
77	64.9	52.0	78.0

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

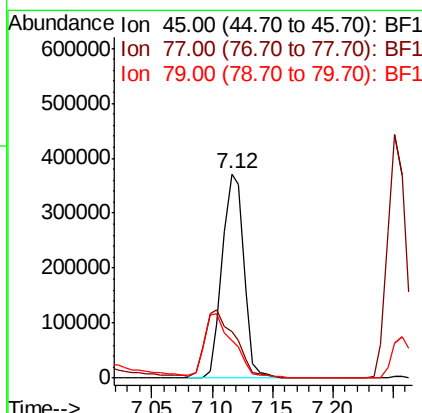
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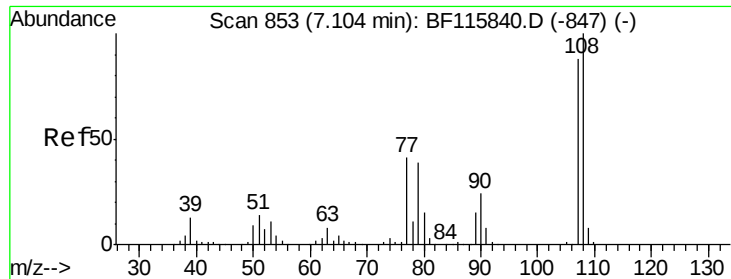
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.586 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:	45	Resp:	461201
Ion Ratio	Lower	Upper	
45	100		
77	22.6	0.0	36.3
79	18.3	0.0	32.5





#17

2-Methylphenol

Concen: 44.769 ng

RT: 7.10 min Scan# 853

Delta R.T. 0.00 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

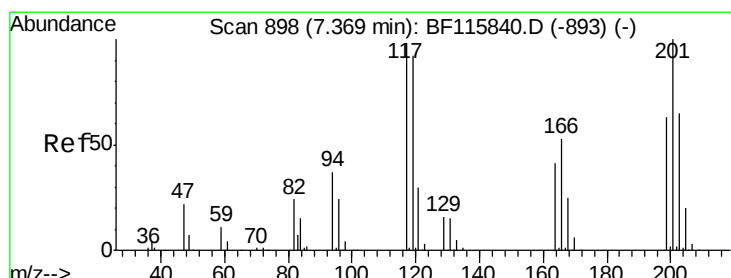
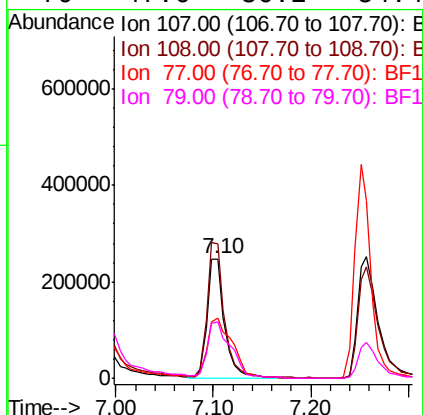
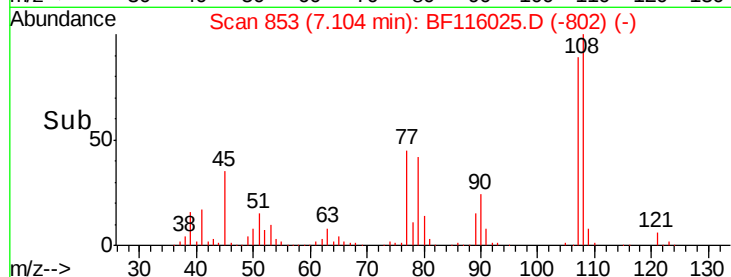
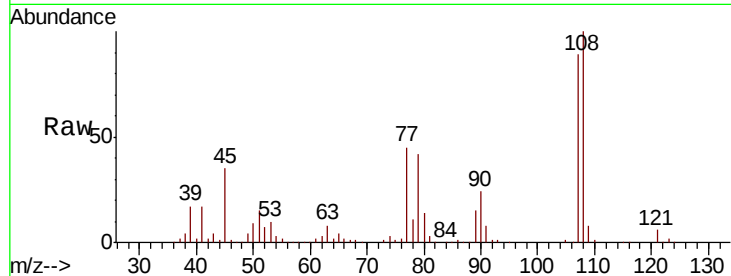
ClientSampleId :

2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	91.4	137.0	
77	50.5	37.6	56.4	
79	47.6	36.2	54.4	

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#18

Hexachloroethane

Concen: 41.804 ng

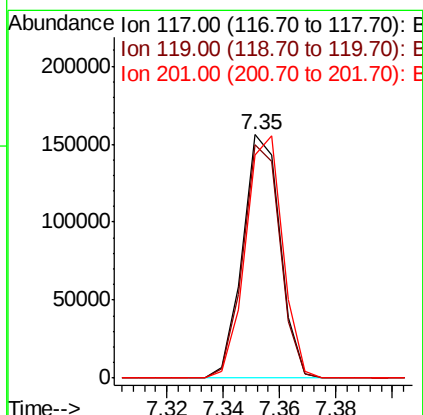
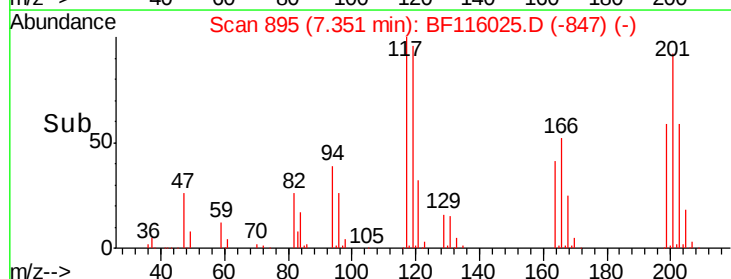
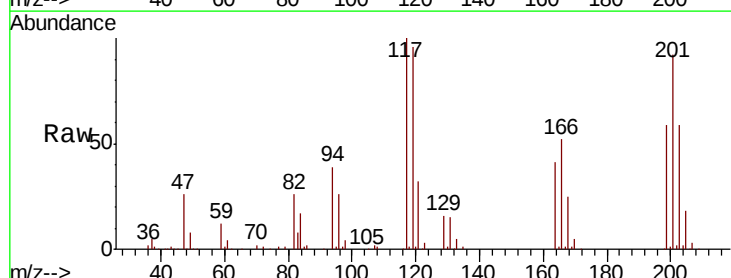
RT: 7.35 min Scan# 895

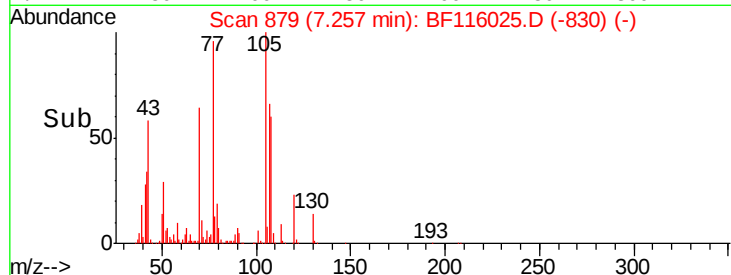
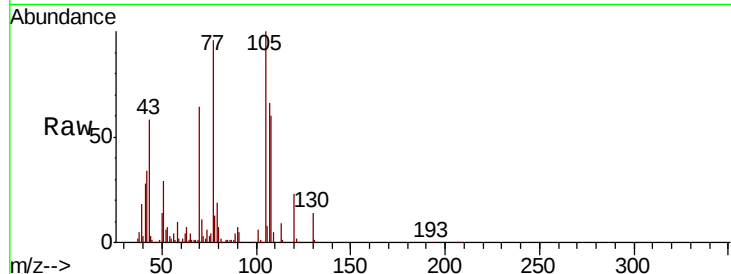
Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.8	113.6	
201	91.6	82.0	123.0	





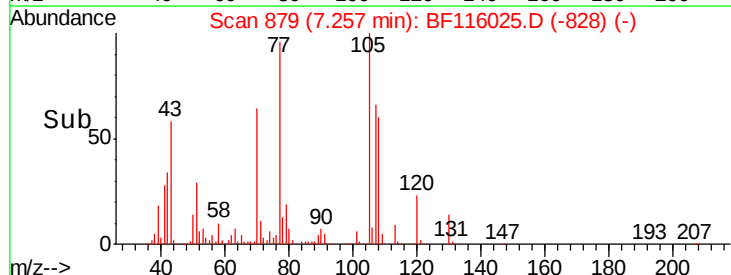
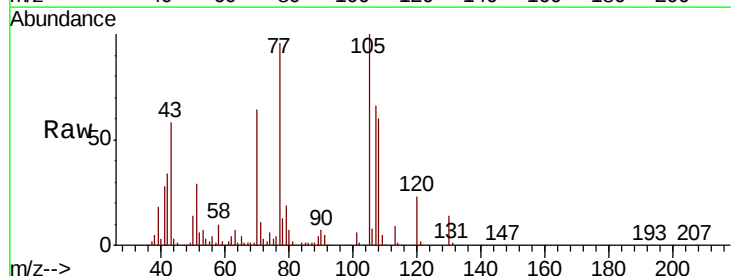
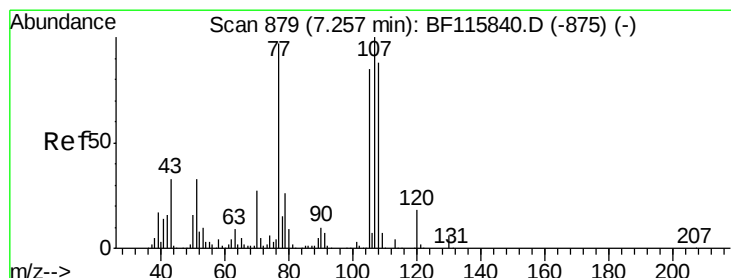
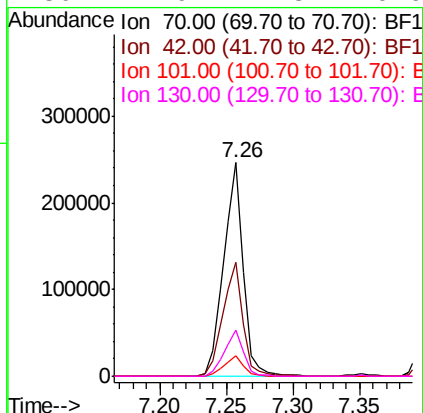
#19
n-Nitroso-di-n-propylamine
Concen: 44.923 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

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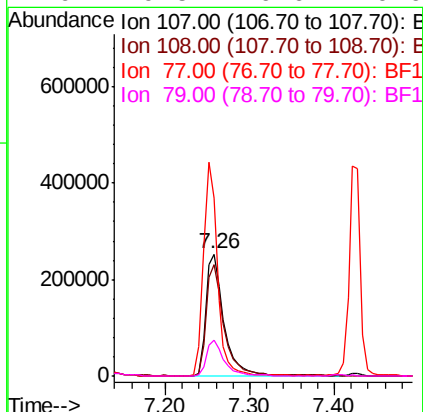
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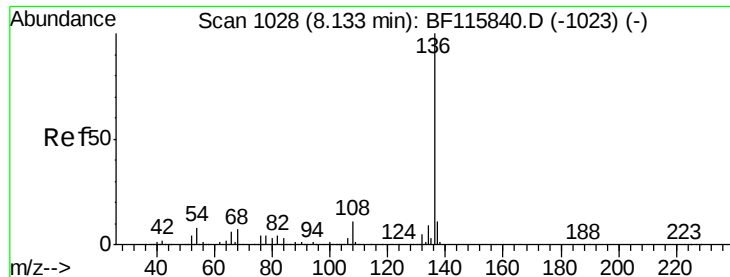
Tot Ion	Ion	Ratio	Lower	Upper
255294	70	100		
	42	53.5	41.8	62.8
	101	9.4	7.7	11.5
	130	21.9	17.8	26.6



#20
3+4-Methylphenols
Concen: 46.971 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
378301	107	100		
	108	91.2	67.9	107.9
	77	145.5	77.3	117.3#
	79	29.5	6.6	46.6





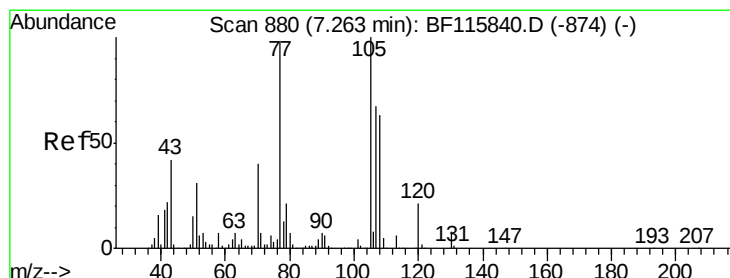
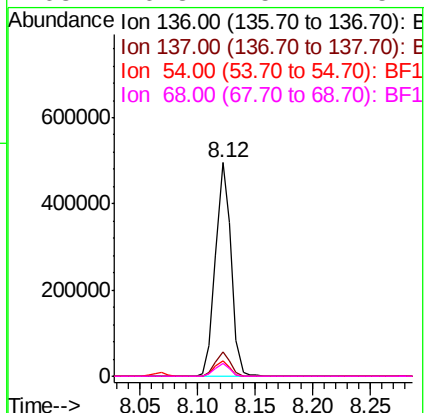
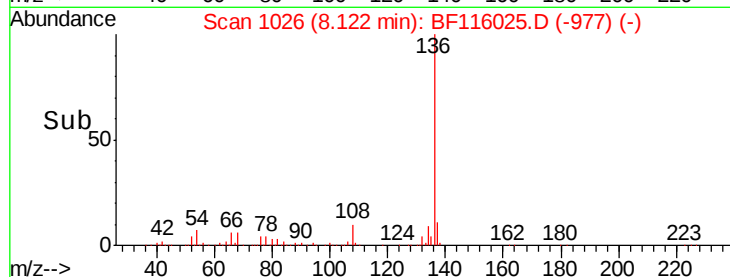
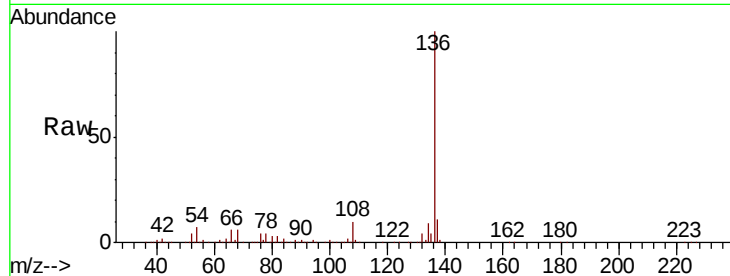
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	464127		
137	11.1	9.1	13.7	
54	7.2	6.1	9.1	
68	6.3	5.4	8.2	

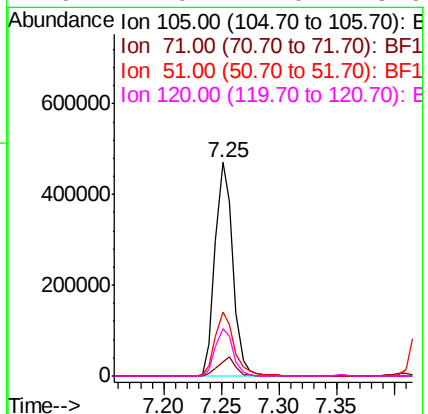
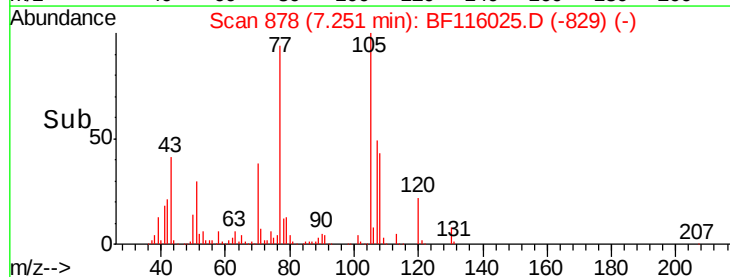
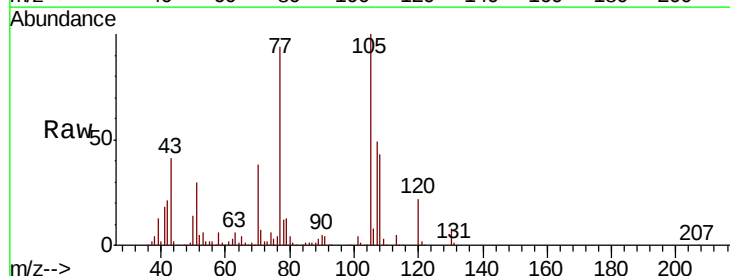
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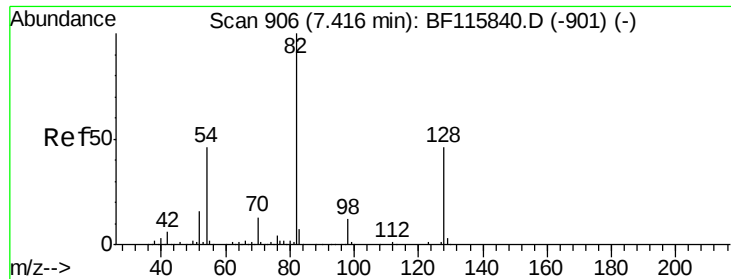
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#22
Acetophenone
Concen: 49.686 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	505748		
71	6.6	5.4	8.0	
51	30.0	24.6	36.8	
120	22.0	17.0	25.6	





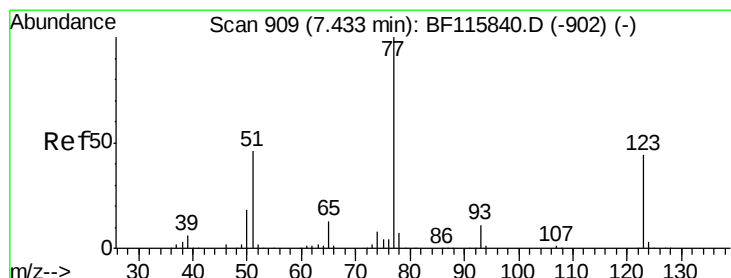
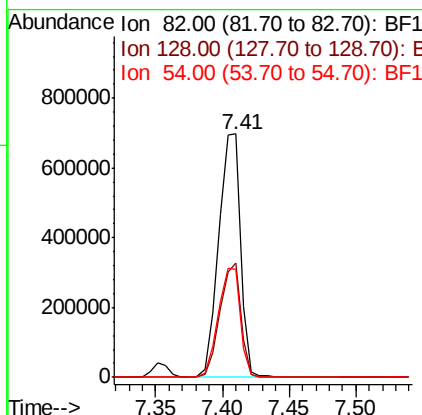
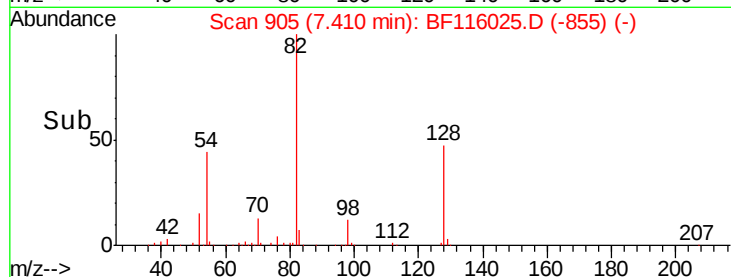
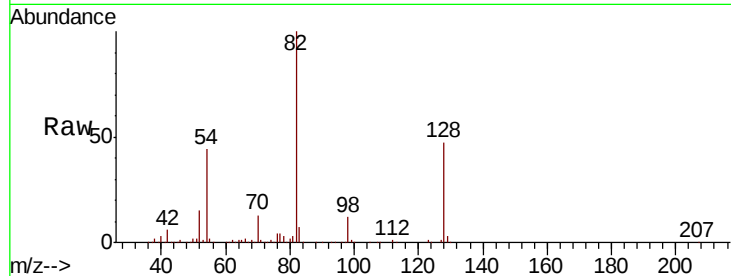
#23
Nitrobenzene-d5
Concen: 101.386 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.6	55.0
54	44.3	36.6	55.0

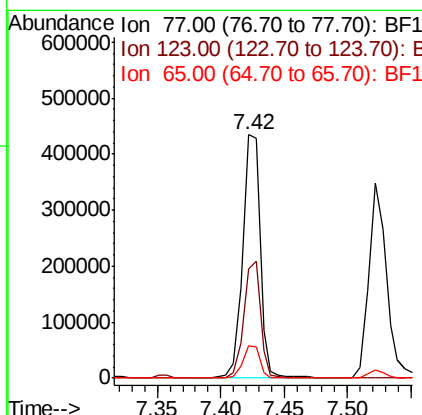
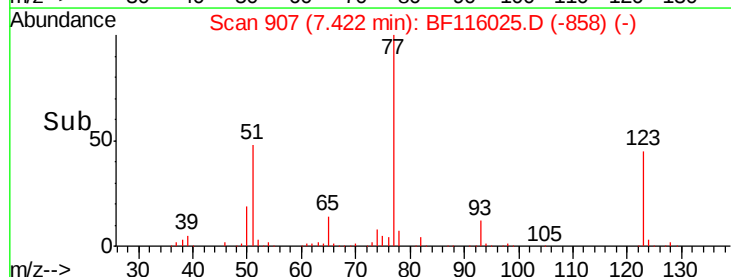
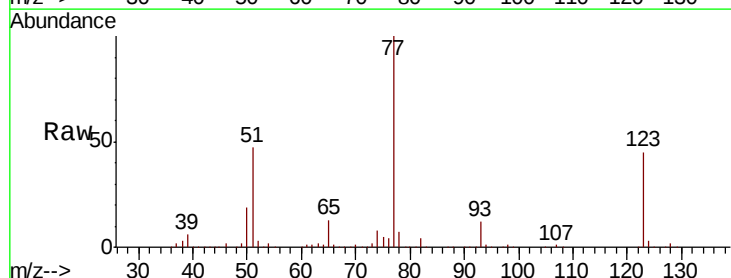
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#24
Nitrobenzene
Concen: 47.477 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	35.5	53.3
65	13.4	10.6	15.8





#25

Isophorone

Concen: 48.333 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

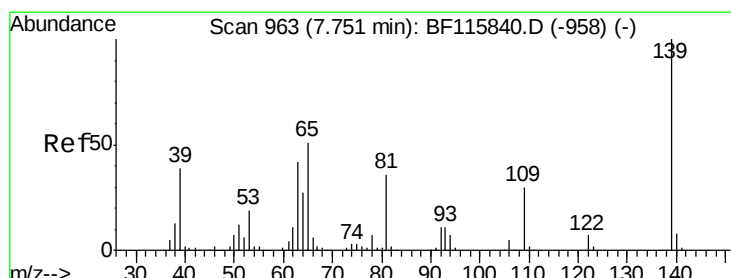
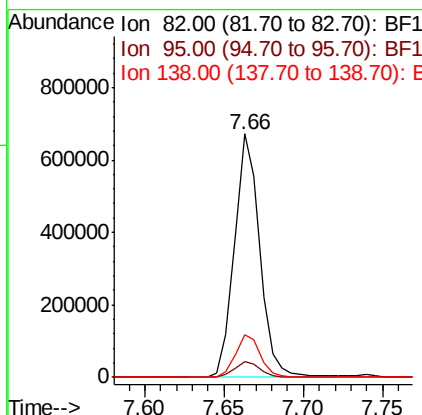
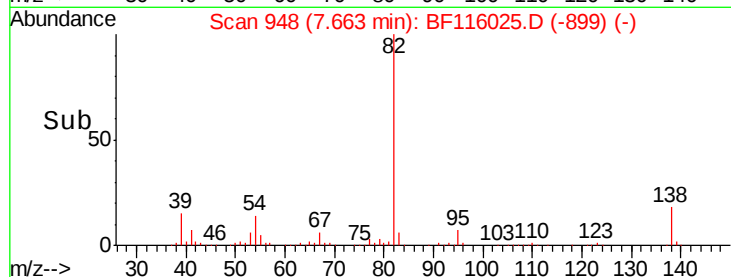
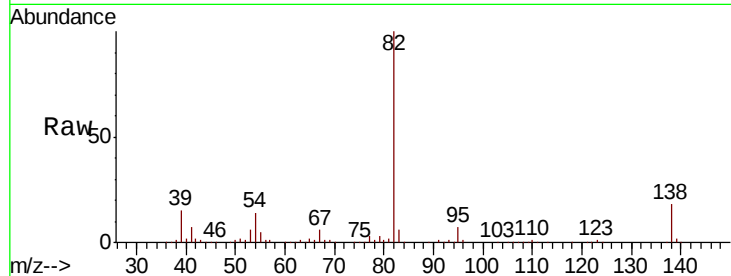
ClientSampleId :

2S-E1-E4-(0-1)COMPMSD

Tot Ion:	82	Resp:	743107
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.5	8.3
138	17.7	13.9	20.9

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#26

2-Nitrophenol

Concen: 49.043 ng

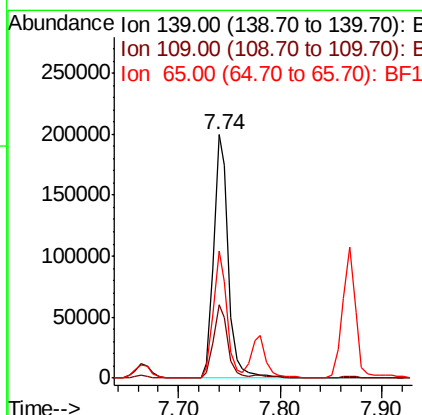
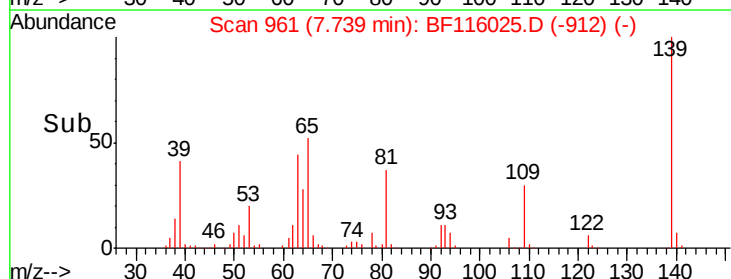
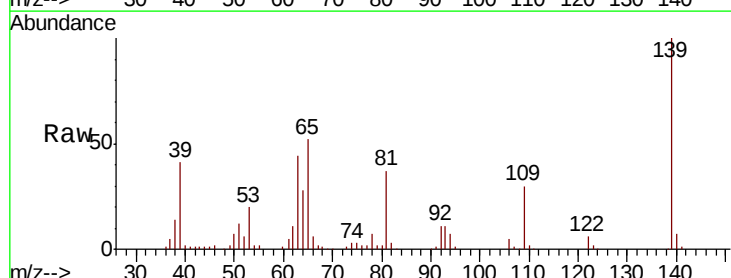
RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Tgt Ion:	139	Resp:	200711
Ion Ratio	Lower	Upper	
139	100		
109	30.4	23.6	35.4
65	52.3	40.6	60.8





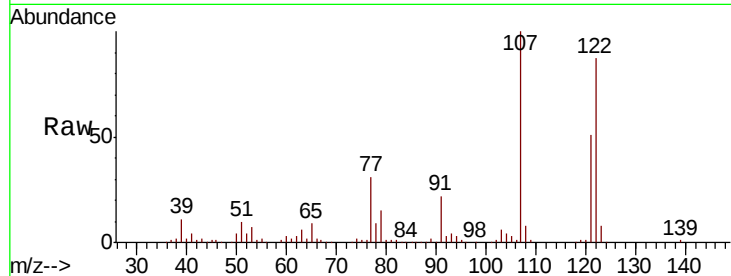
#27
 2,4-Dimethylphenol
 Concen: 54.078 ng
 RT: 7.78 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.9	91.7	137.5
121	58.2	46.6	70.0

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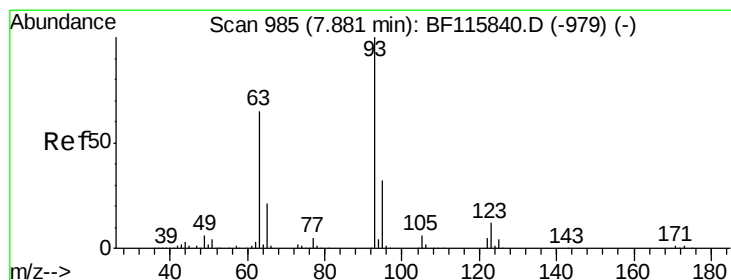
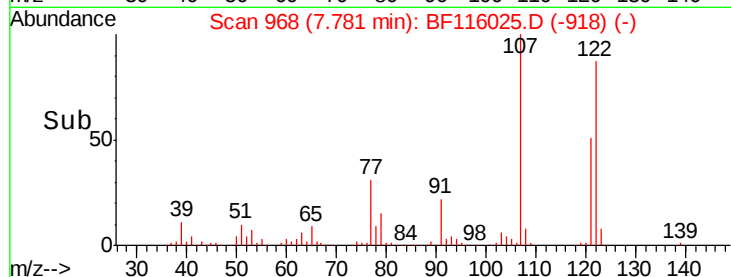
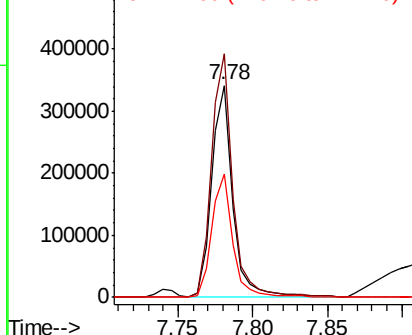


Abundance

Ion 122.00 (121.70 to 122.70): E

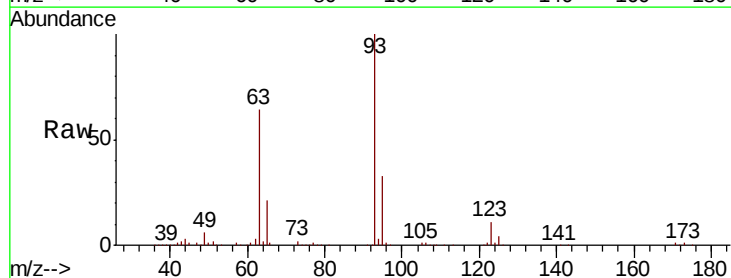
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
 bis(2-Chloroethoxy)methane
 Concen: 47.781 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.1	9.5	14.3

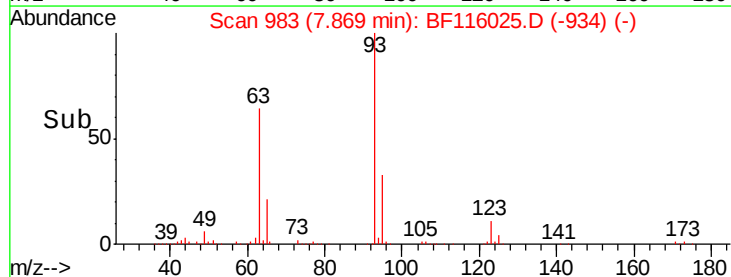
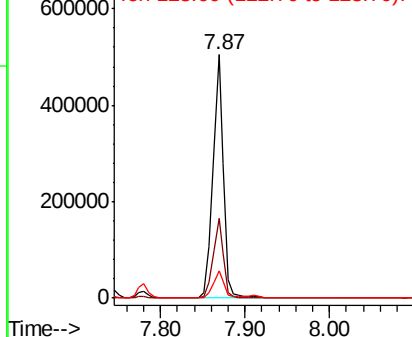


Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





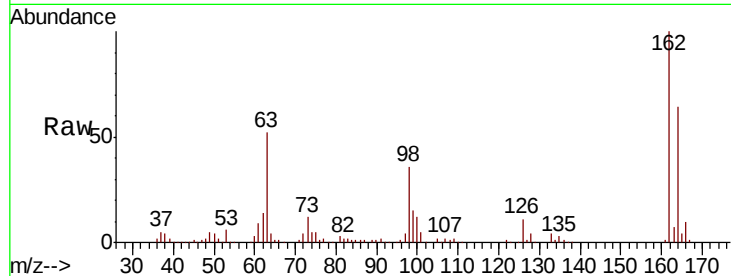
#29
 2,4-Dichlorophenol
 Concen: 50.077 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

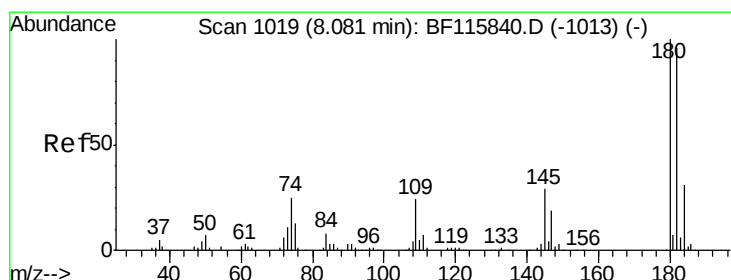
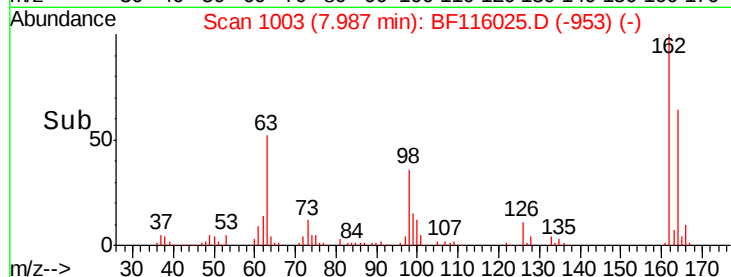
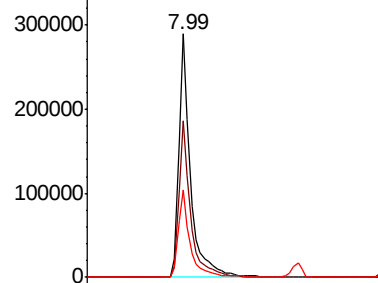
Tot Ion:	162	Resp:	325555
Ion Ratio	Lower	Upper	
162	100		
164	64.1	43.2	83.2
98	35.7	17.3	57.3

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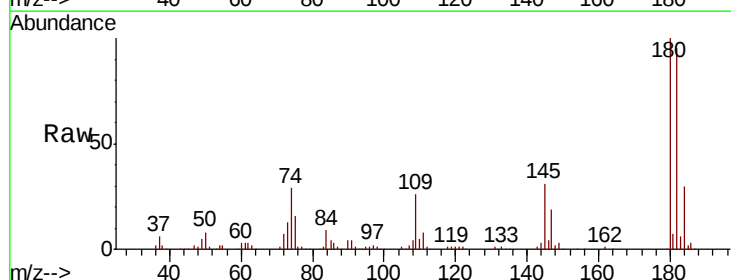


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

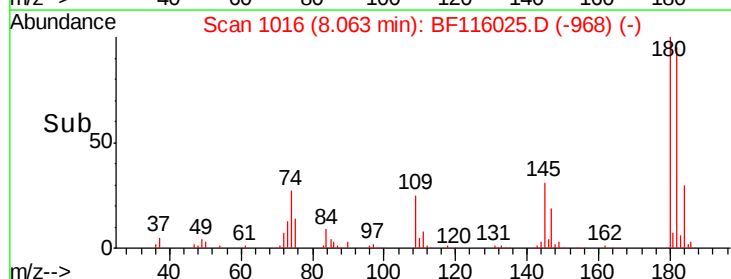
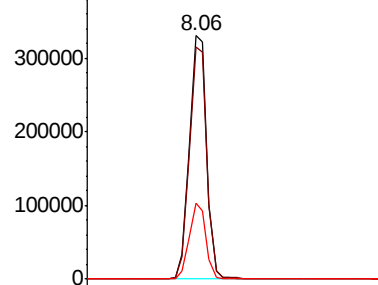


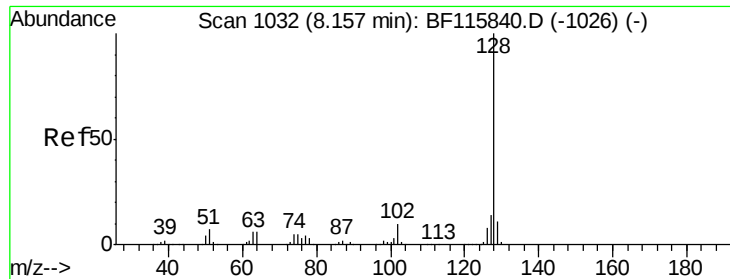
#30
 1,2,4-Trichlorobenzene
 Concen: 46.149 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion:	180	Resp:	341994
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.6	114.8
145	31.0	23.2	34.8



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





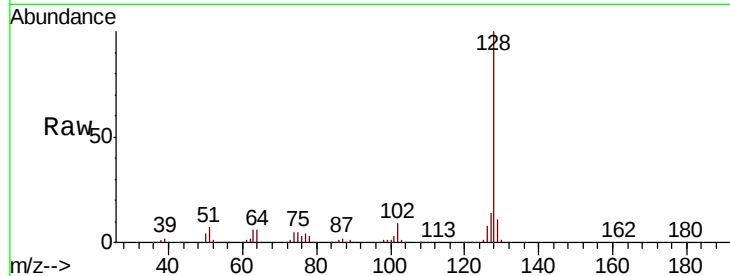
#31
Naphthalene
Concen: 48.798 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.2	13.8
127	13.6	11.0	16.4

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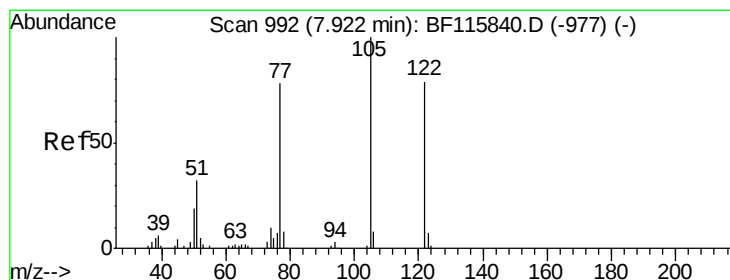
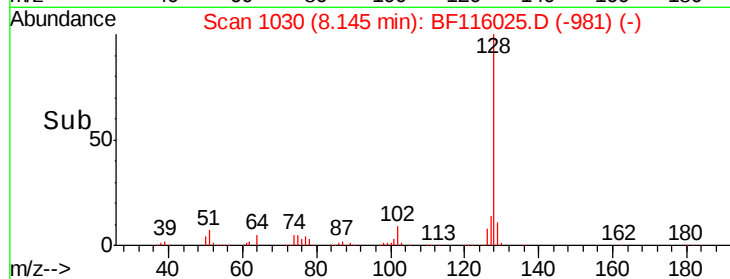
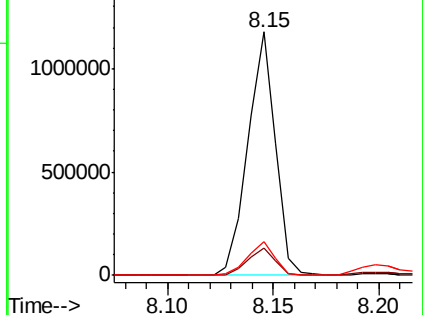


Abundance

Ion 128.00 (127.70 to 128.70): E

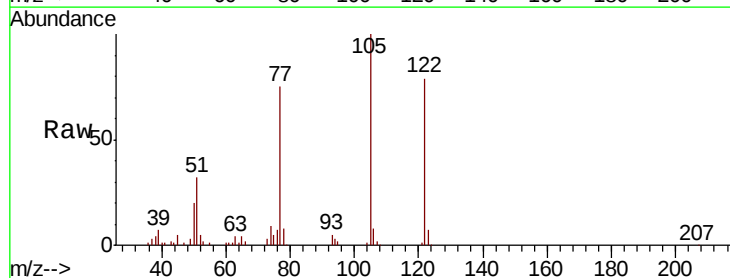
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 29.555 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.8	103.1	143.1
77	94.0	76.8	116.8

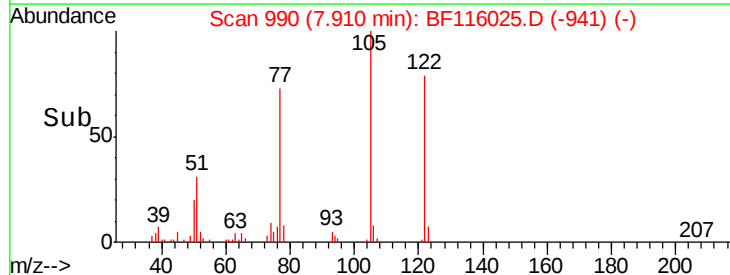
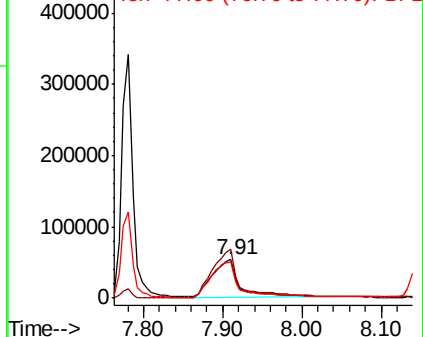


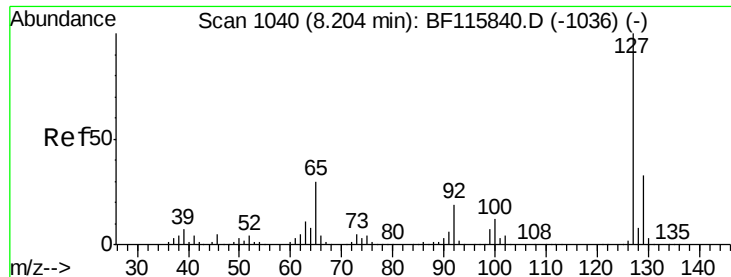
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





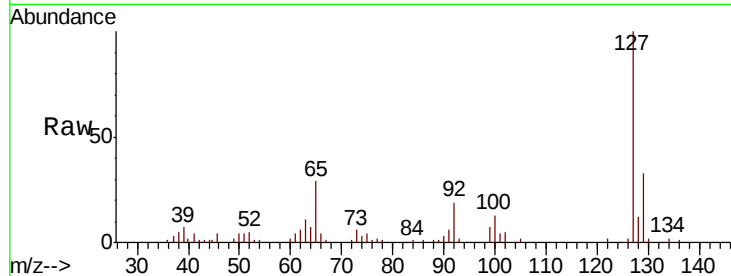
#33
 4-Chloroaniline
 Concen: 9.217 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

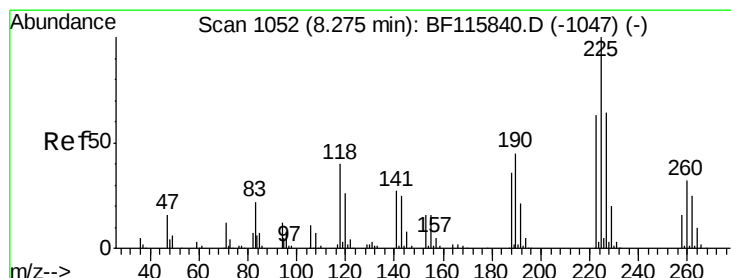
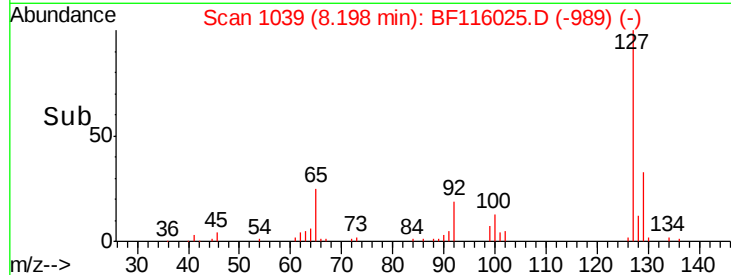
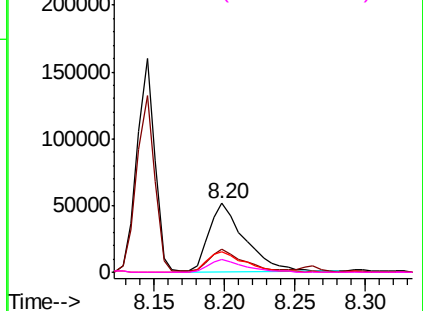
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.0	39.0		
65	29.5	23.9	35.9		
92	18.9	14.9	22.3		

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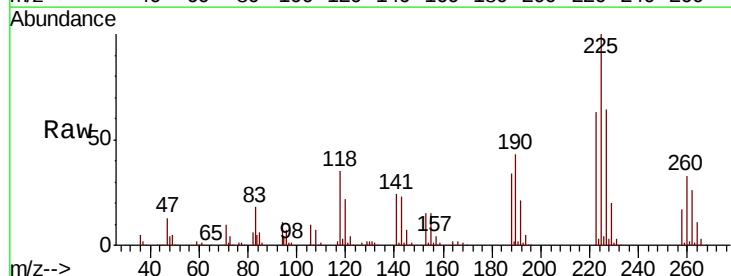


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1

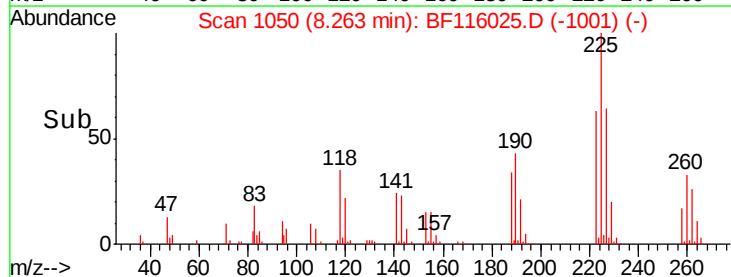
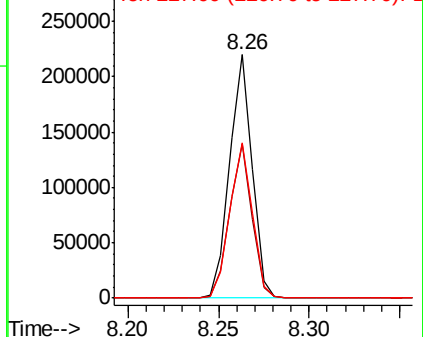


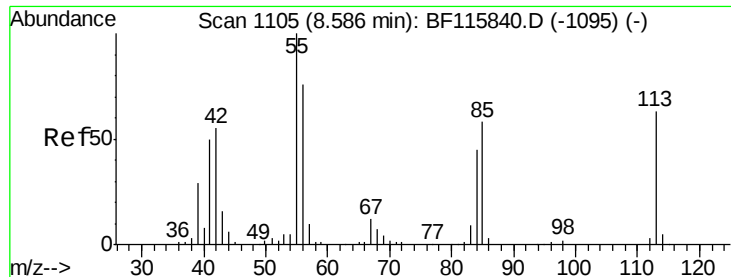
#34
 Hexachlorobutadiene
 Concen: 44.809 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	50.4	75.6		
227	64.0	51.6	77.4		



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





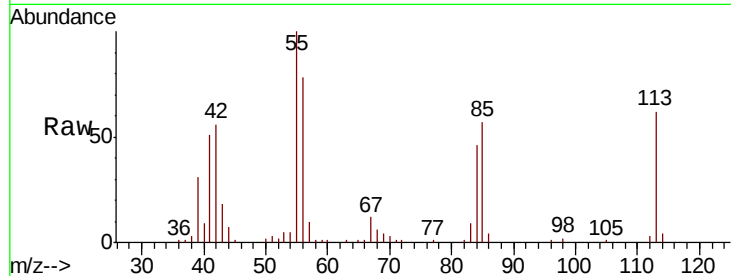
#35
 Caprolactam
 Concen: 41.429 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	160.3	138.1	178.1
56	124.6	100.6	140.6

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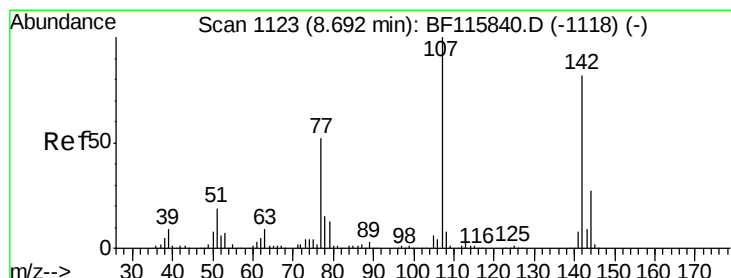
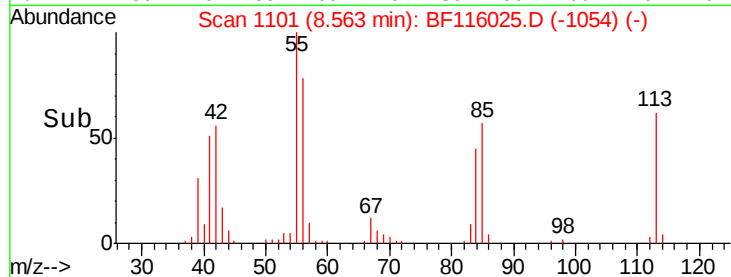
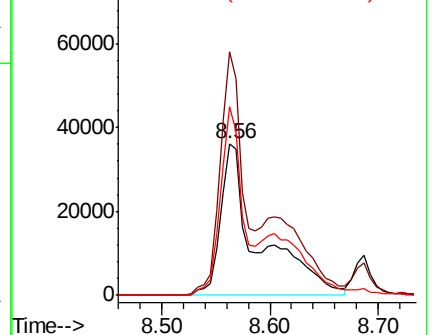


Abundance

Ion 113.00 (112.70 to 113.70): E

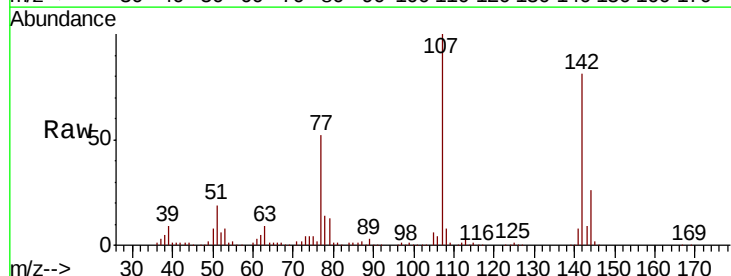
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
 4-Chloro-3-methylphenol
 Concen: 50.684 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.6	21.4	32.0
142	81.0	65.5	98.3

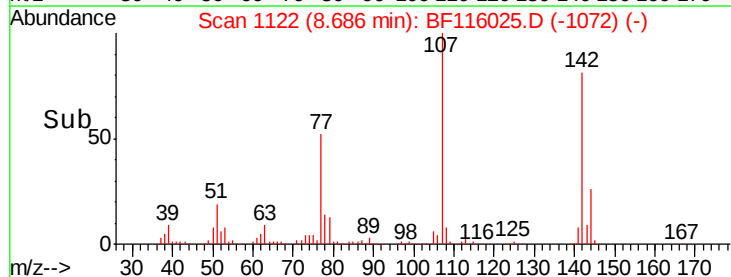
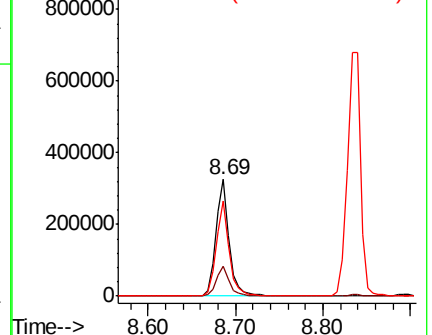


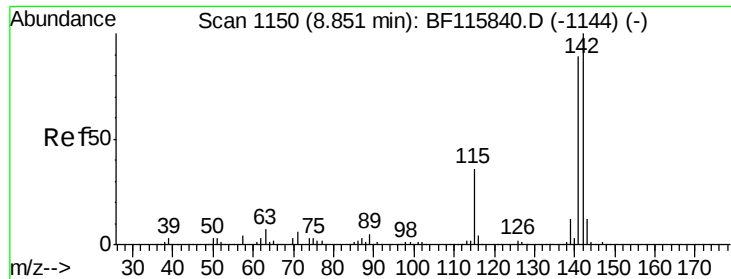
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





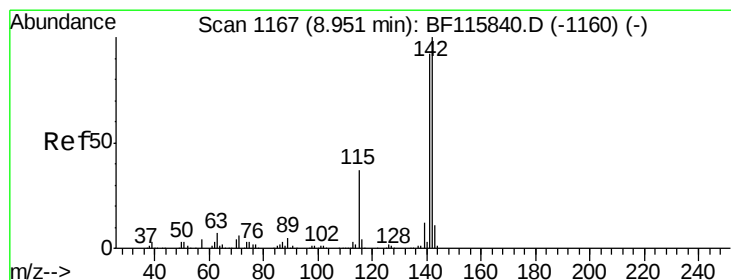
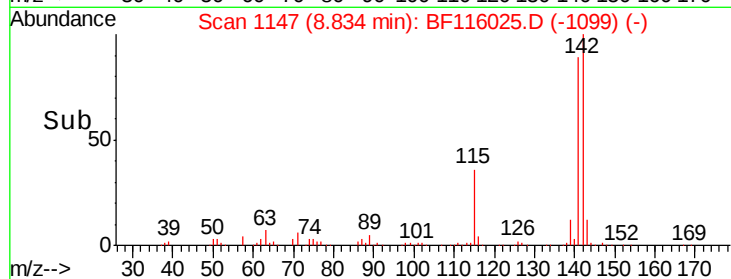
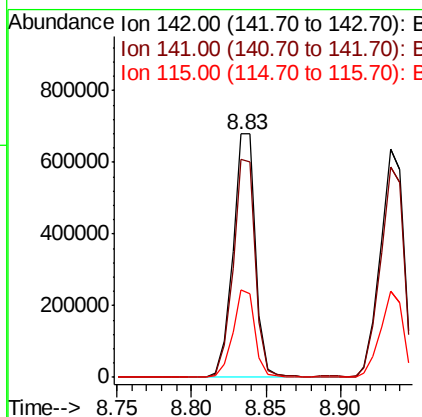
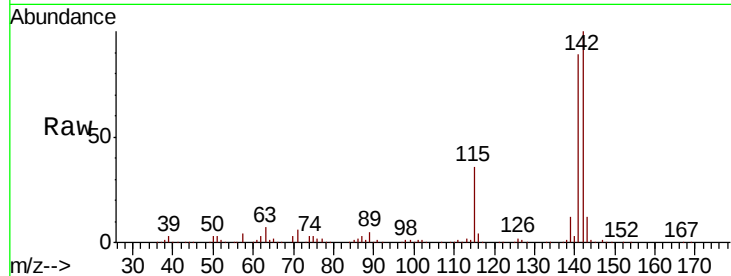
#37
2-Methylnaphthalene
Concen: 50.214 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	36.0	28.9	43.3

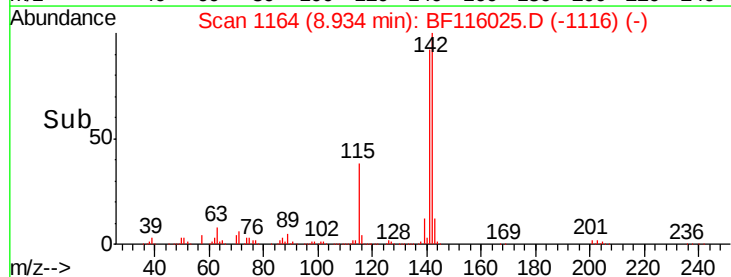
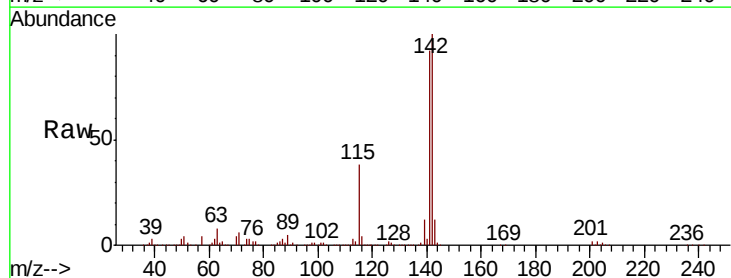
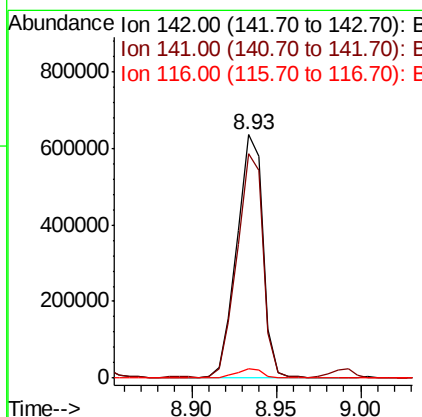
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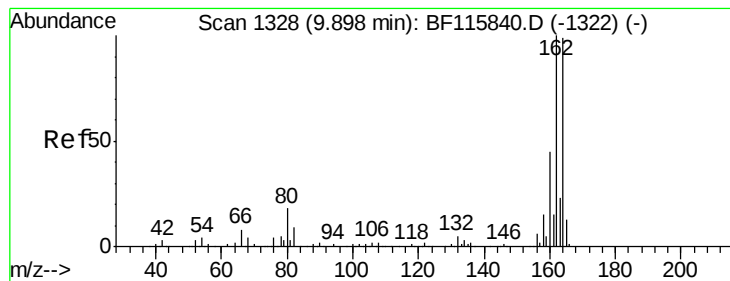
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#38
1-Methylnaphthalene
Concen: 50.010 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.6
116	4.0	3.1	4.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

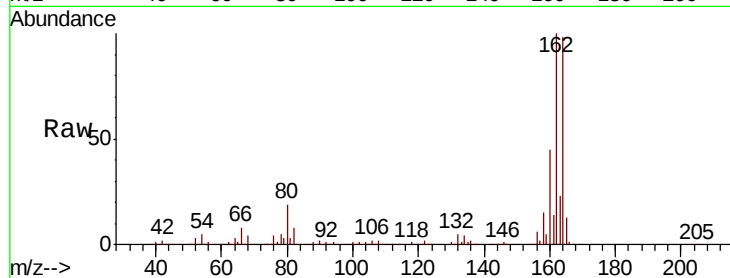
ClientSampleId :

2S-E1-E4-(0-1)COMPMSD

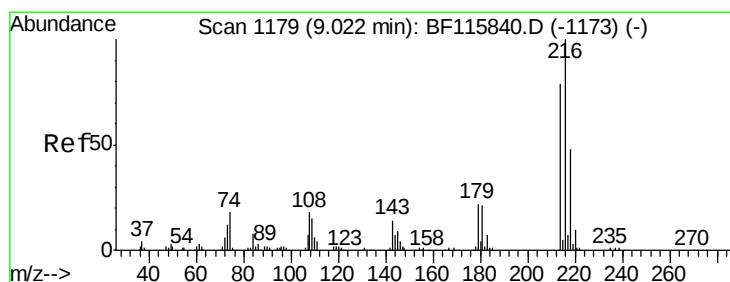
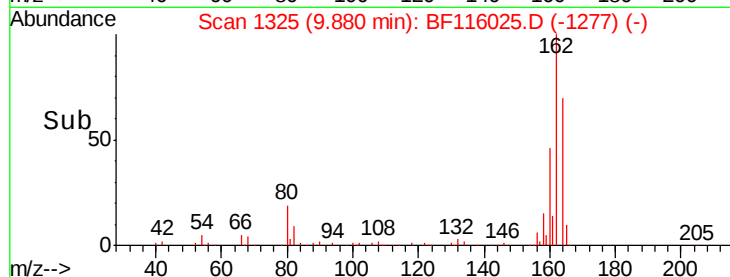
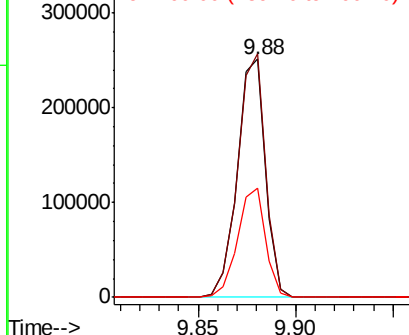
Tot Ion:	164	Resp:	250843
Ion Ratio	Lower	Upper	
164	100		
162	102.2	80.8	121.2
160	45.7	36.2	54.4

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.648 ng

RT: 9.00 min Scan# 1176

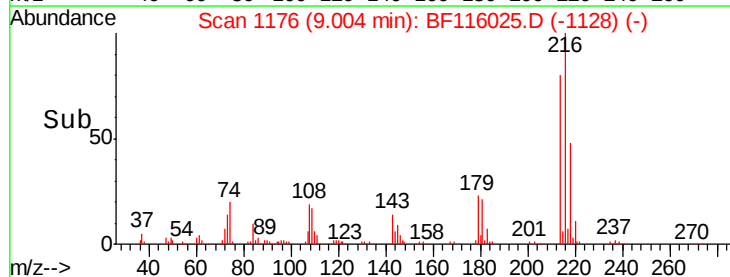
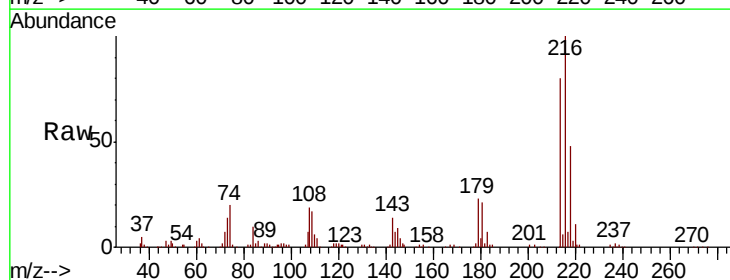
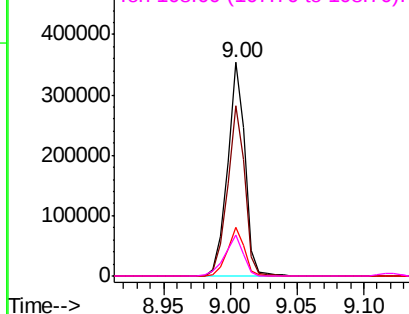
Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Tgt Ion:	216	Resp:	326235
Ion Ratio	Lower	Upper	
216	100		
214	79.5	62.8	94.2
179	22.0	17.6	26.4
108	20.9	16.1	24.1

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





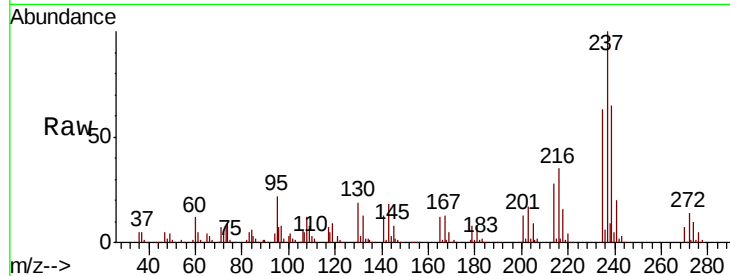
#41
Hexachlorocyclopentadiene
Concen: 55.373 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

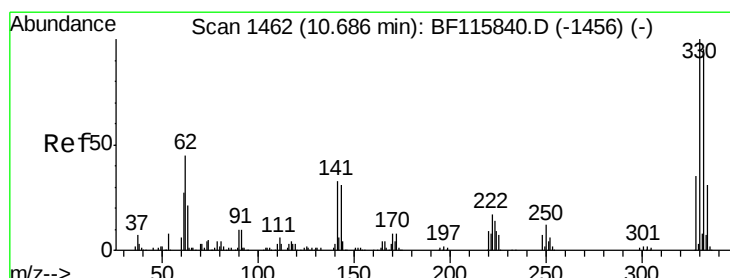
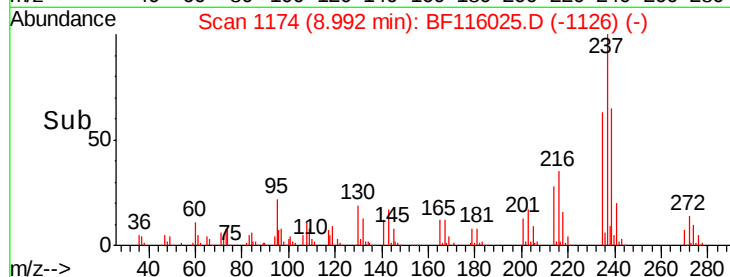
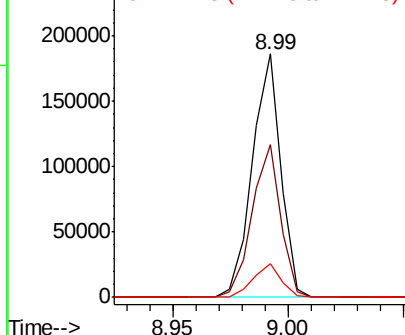
Tot Ion:	237	Resp:	160777
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.5	82.5
272	13.7	0.0	33.3

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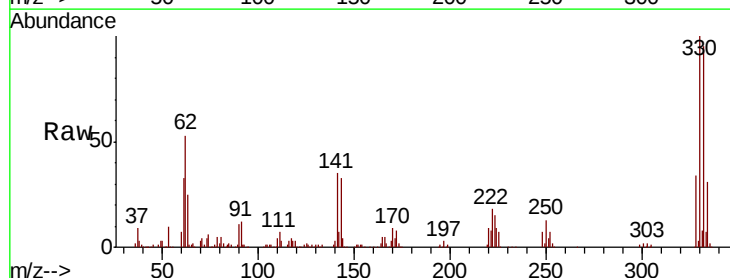


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

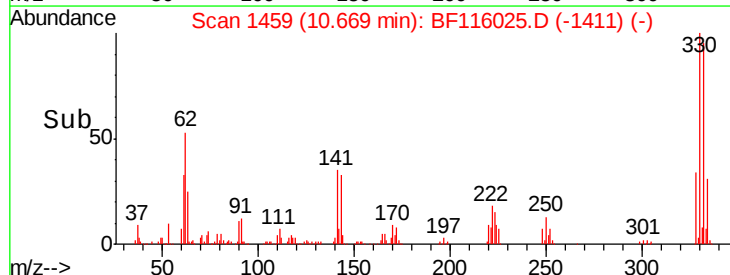
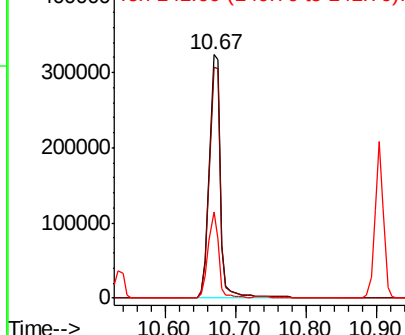


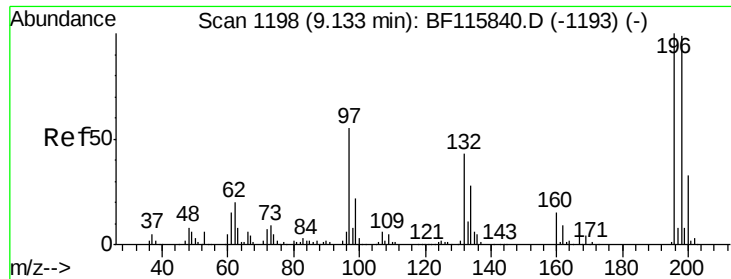
#42
2,4,6-Tribromophenol
Concen: 147.647 ng
RT: 10.67 min Scan# 1459
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion:	330	Resp:	359076
Ion Ratio	Lower	Upper	
330	100		
332	95.7	77.7	116.5
141	33.0	28.1	42.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





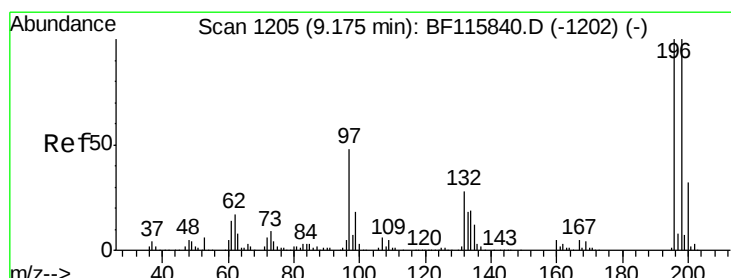
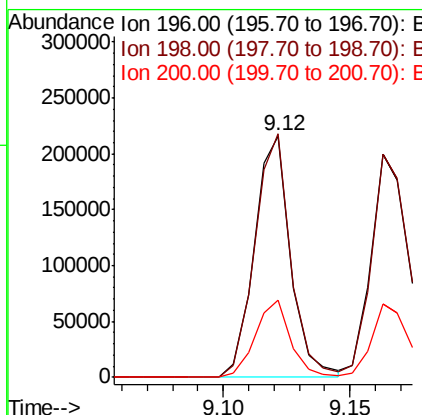
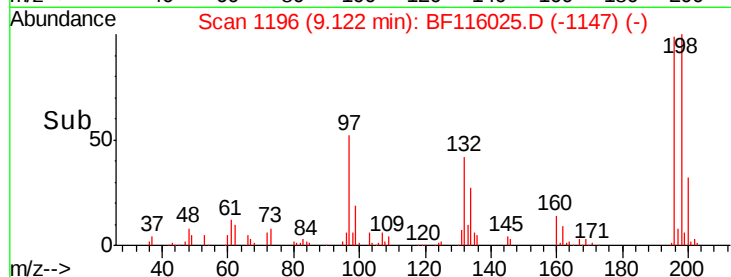
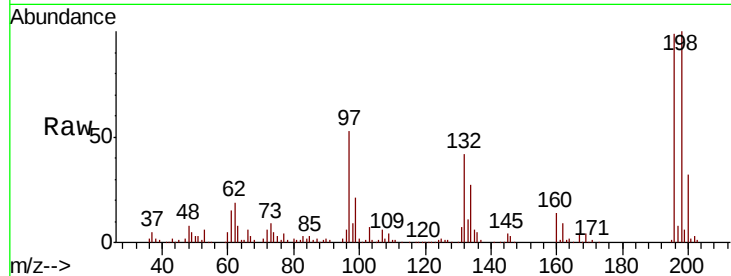
#43
 2,4,6-Trichlorophenol
 Concen: 46.577 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	214992		
198	100.8	79.1	118.7	
200	32.1	26.0	39.0	

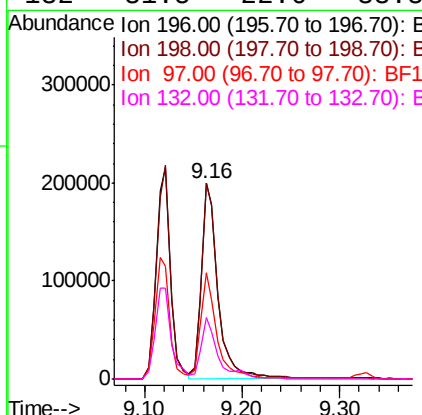
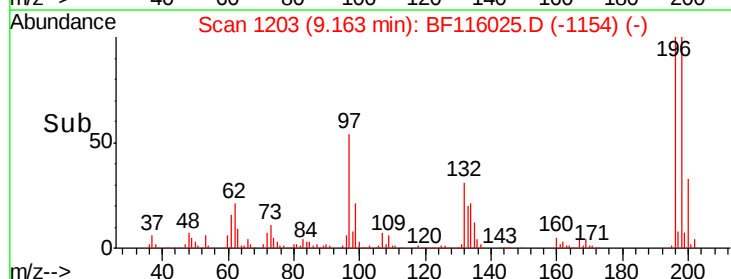
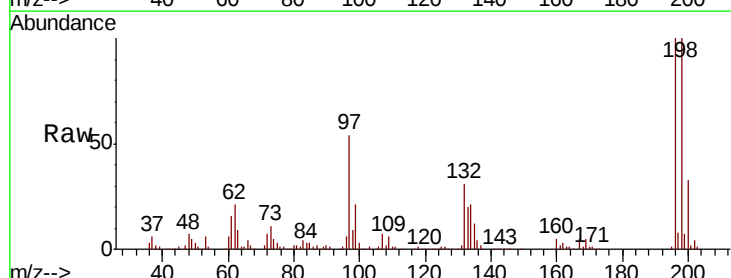
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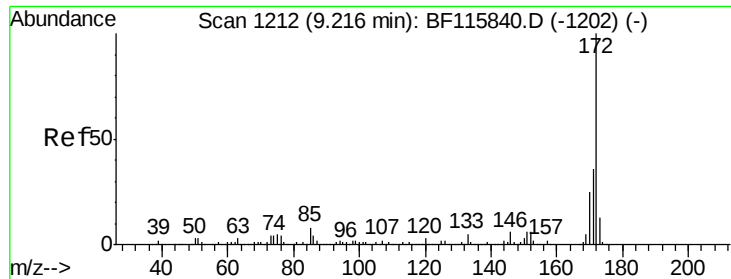
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 48.929 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	233463		
198	100.2	80.1	120.1	
97	54.5	38.9	58.3	
132	31.5	22.6	33.8	





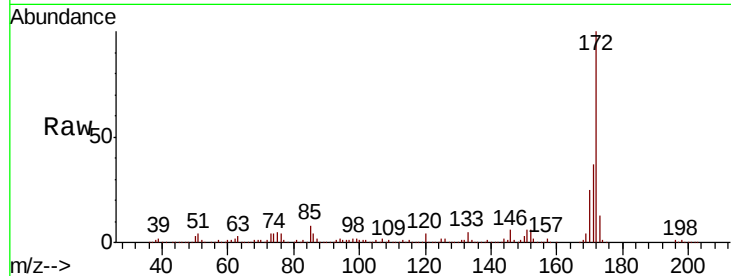
#45
2-Fluorobiphenyl
Concen: 107.219 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	25.1	20.1	30.1

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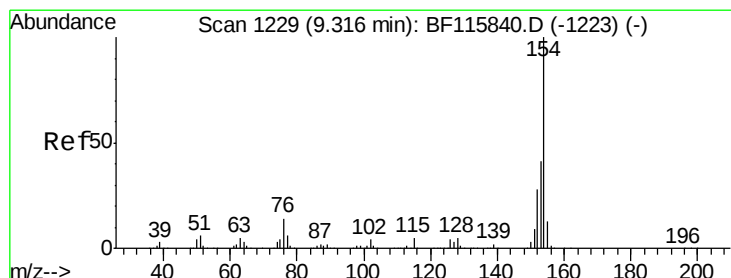
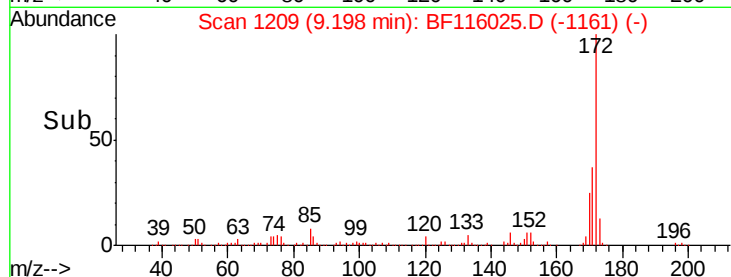
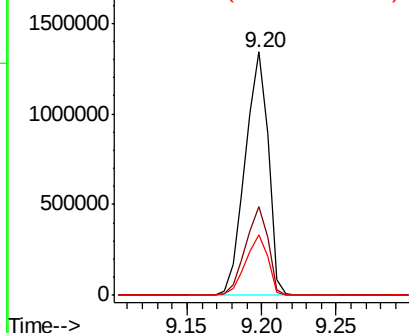


Abundance

Ion 172.00 (171.70 to 172.70): E

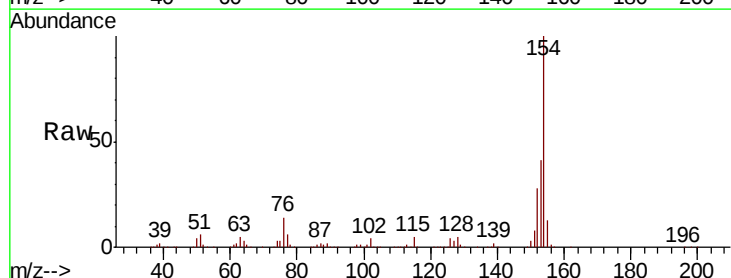
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 50.558 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.9	60.9
76	14.0	0.0	34.3

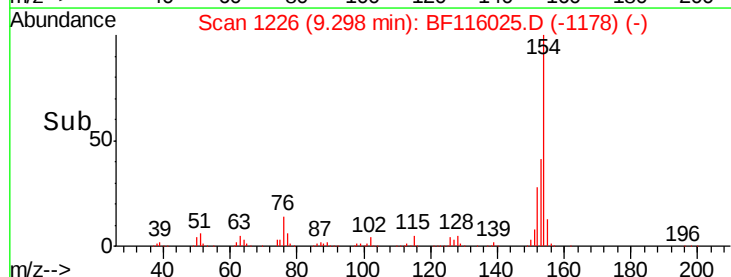
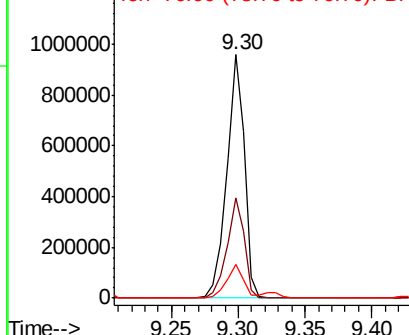


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





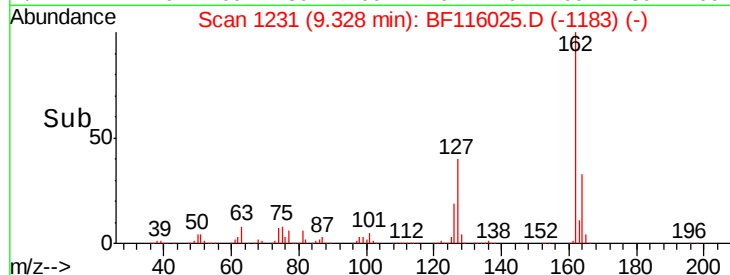
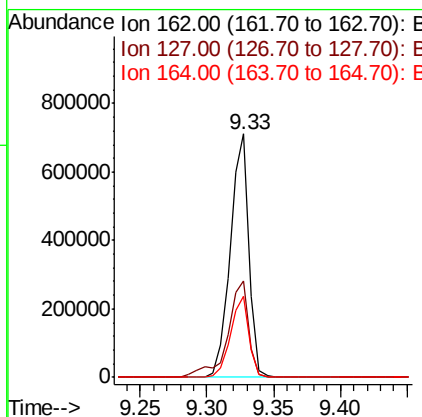
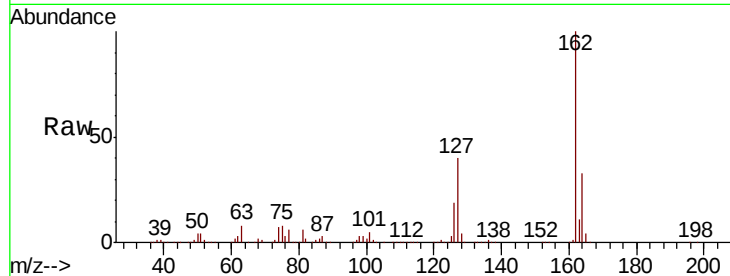
#47
 2-Chloronaphthalene
 Concen: 47.418 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.9	31.3	46.9	
164	33.4	26.6	40.0	

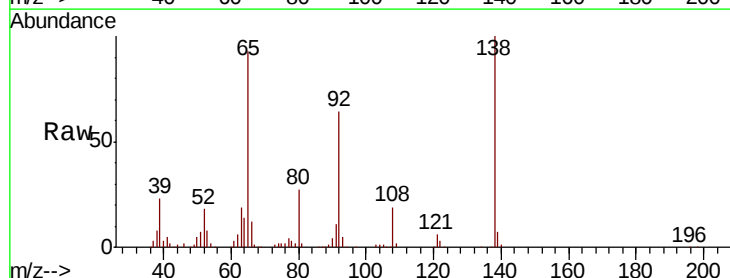
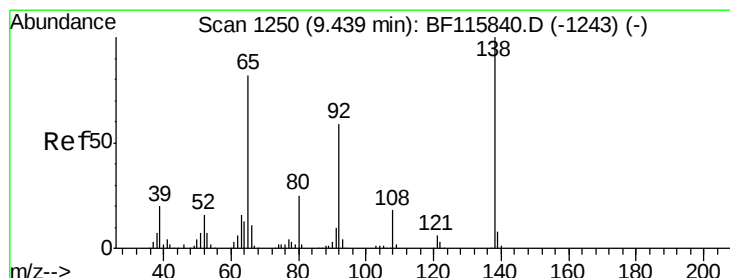
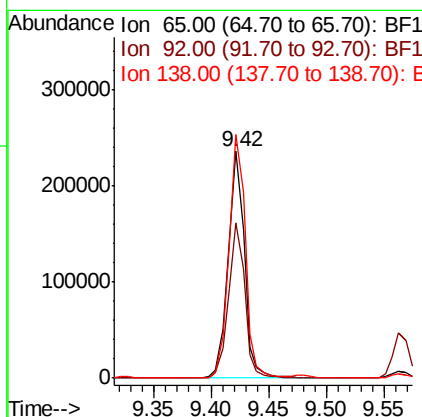
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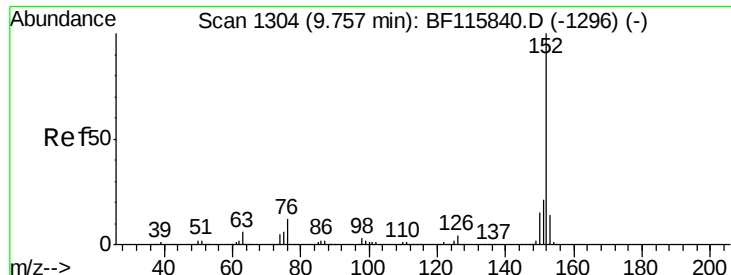
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#48
 2-Nitroaniline
 Concen: 47.428 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	68.4	57.1	85.7	
138	107.5	97.1	145.7	





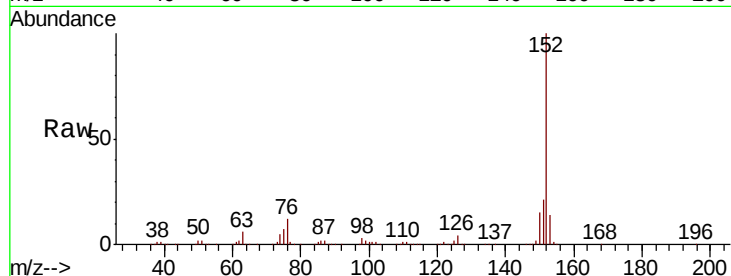
#49
Acenaphthylene
Concen: 50.350 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

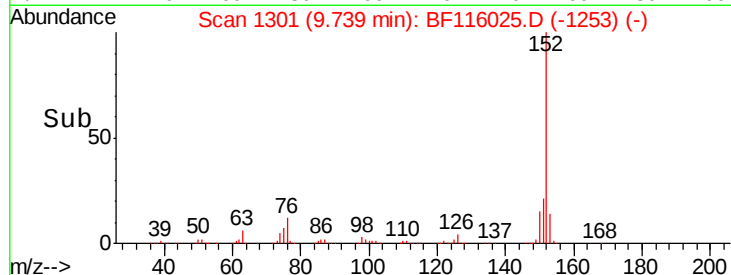
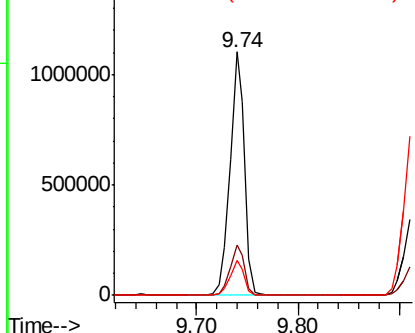
Tot Ion	Ion	Ratio	Lower	Upper
152	100			
151	20.9	16.8	25.2	
153	14.2	11.6	17.4	

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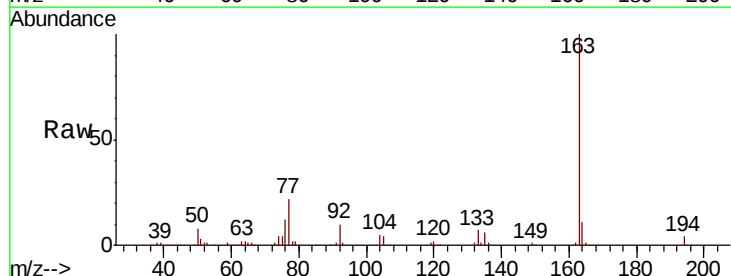
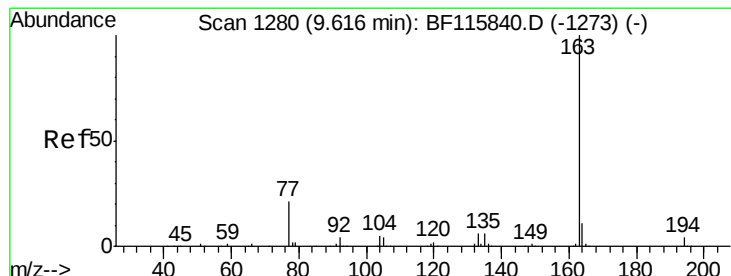
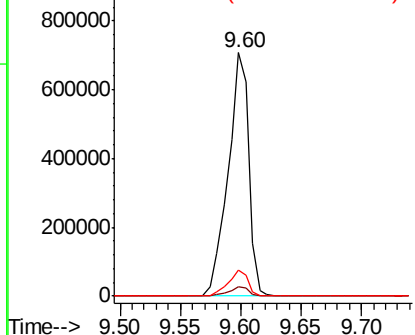
Abundance Ion 152.00 (151.70 to 152.70): E
1500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

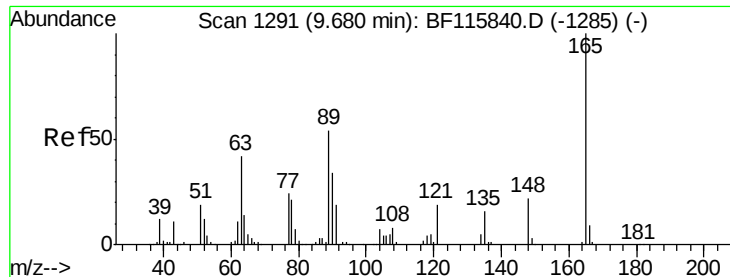


#50
Dimethylphthalate
Concen: 49.353 ng
RT: 9.60 min Scan# 1277
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
163	100			
194	3.6	3.0	4.6	
164	10.6	8.4	12.6	

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: 50.981 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMPMSD

Tot Ion:165 Resp: 189226

Ion Ratio Lower Upper

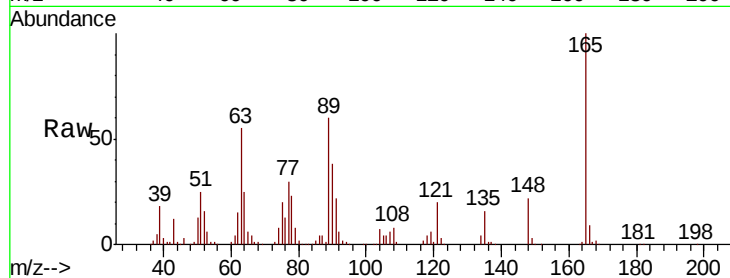
165 100

63 55.4 39.4 59.2

89 60.1 43.0 64.6

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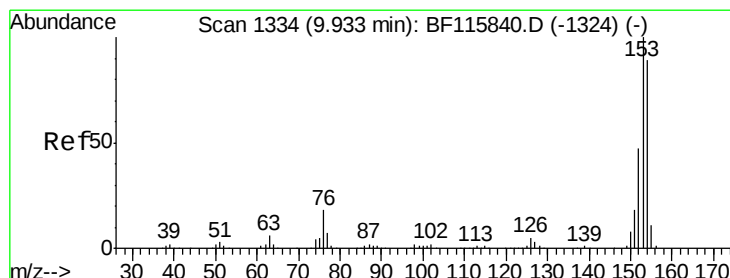
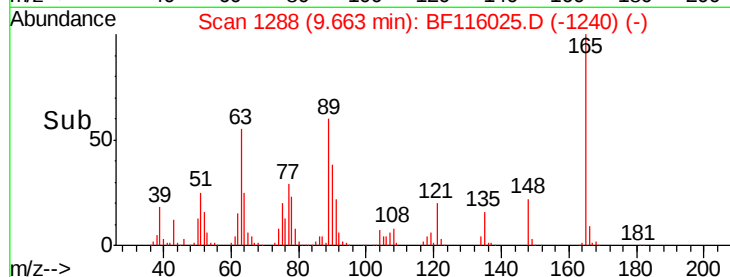
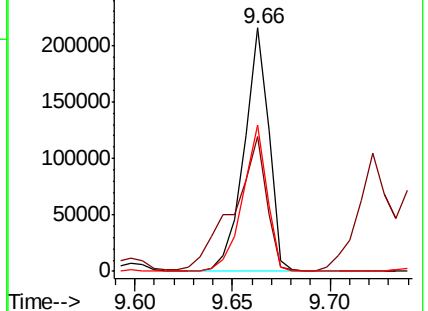
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 49.108 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

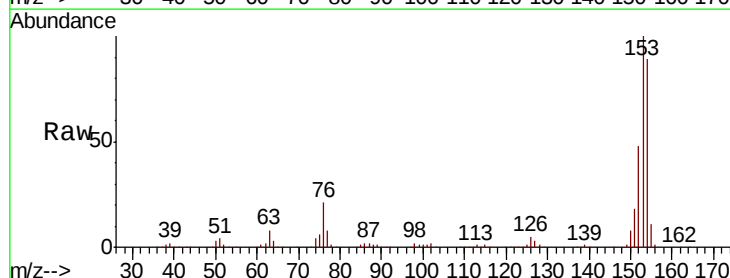
Tgt Ion:154 Resp: 647844

Ion Ratio Lower Upper

154 100

153 112.9 90.1 135.1

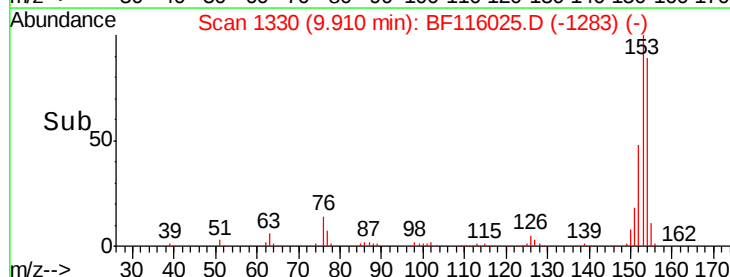
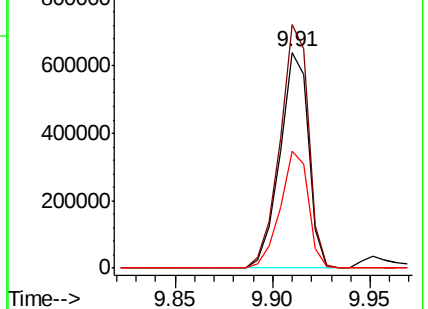
152 54.1 42.6 63.8



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





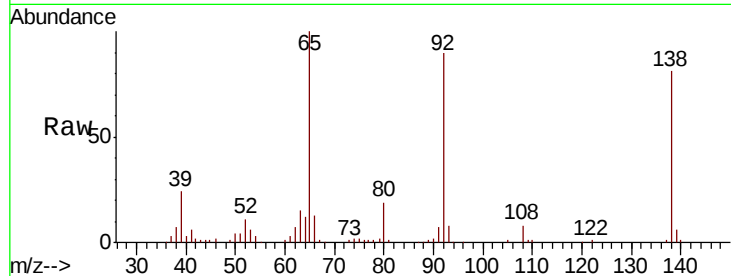
#53
3-Nitroaniline
Concen: 17.480 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.3	7.4	11.2
92	110.9	83.9	125.9

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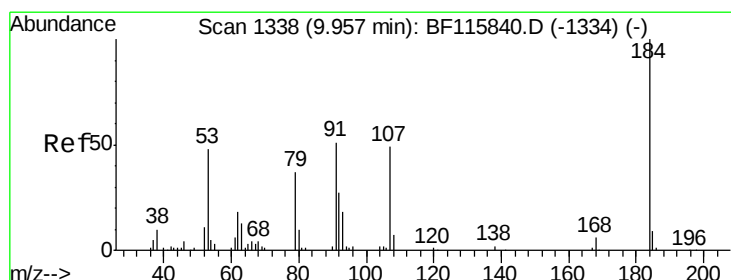
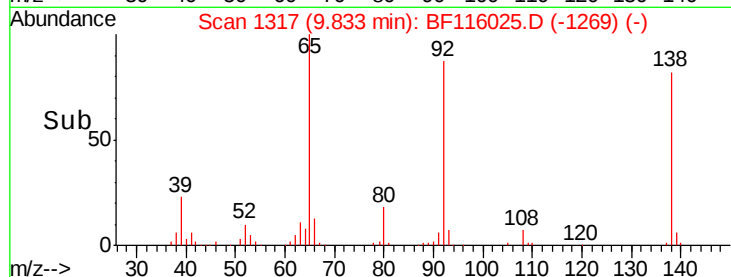
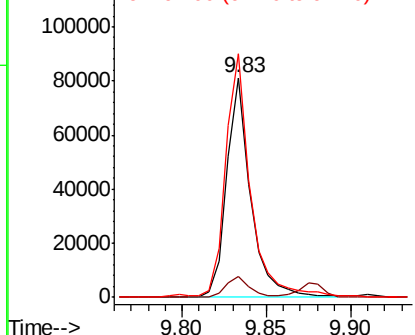


Abundance

Ion 138.00 (137.70 to 138.70): E

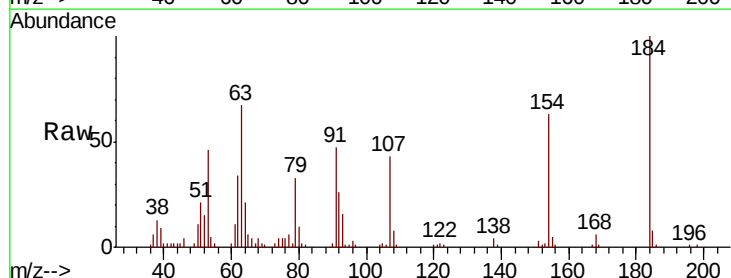
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 42.439 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.00 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	66.8	56.7	85.1
154	63.2	51.9	77.9

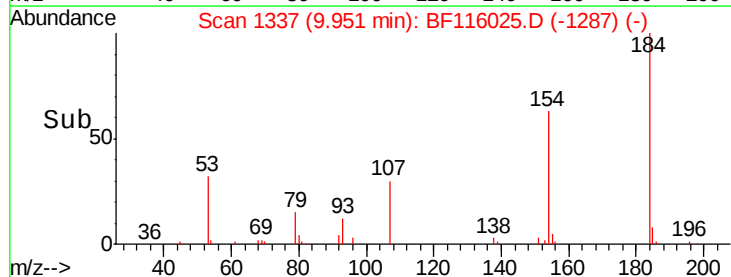
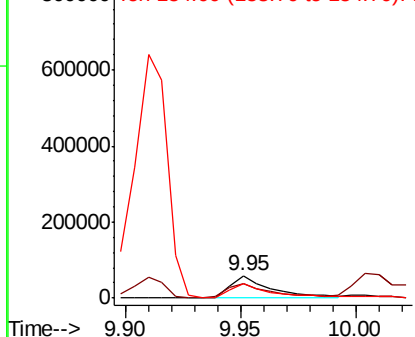


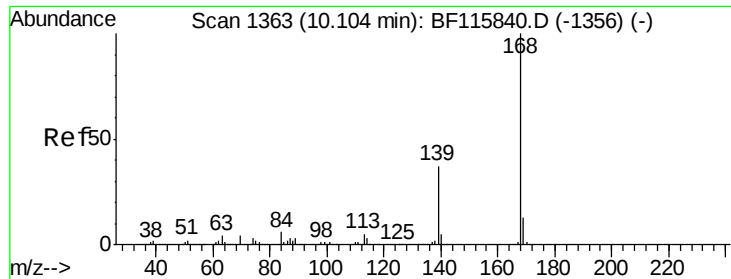
Abundance

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





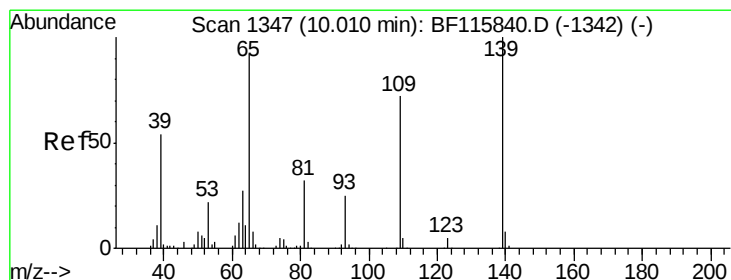
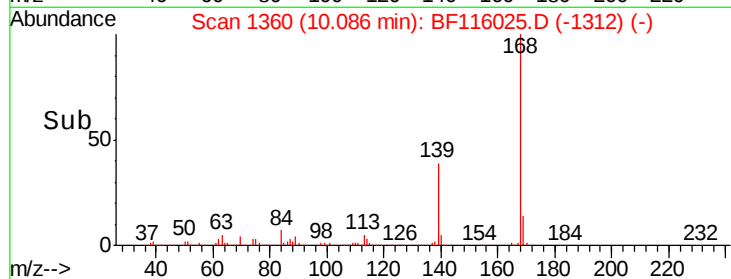
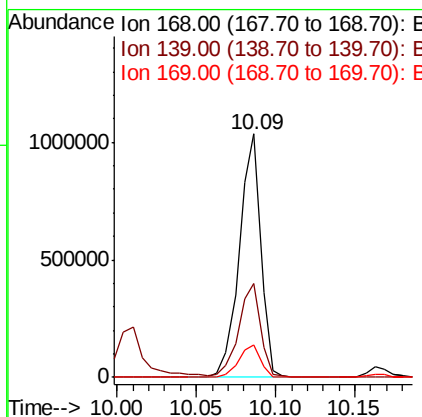
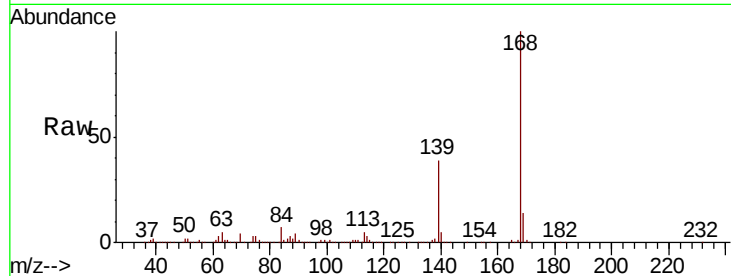
#55
Dibenzofuran
Concen: 50.442 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	38.6	30.2	45.2
169	13.5	10.8	16.2

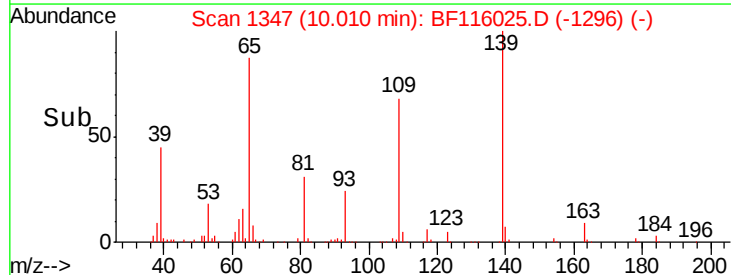
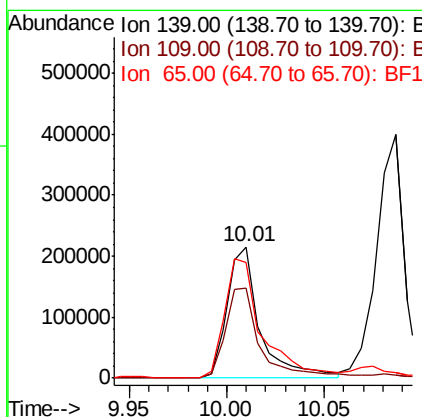
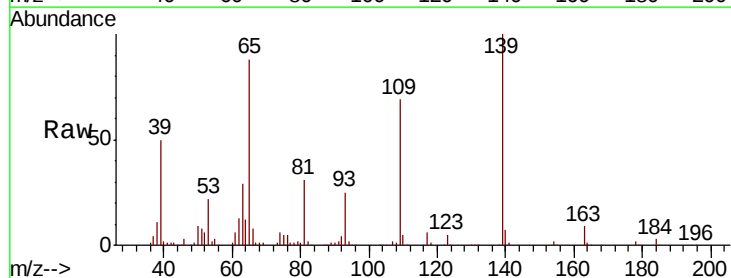
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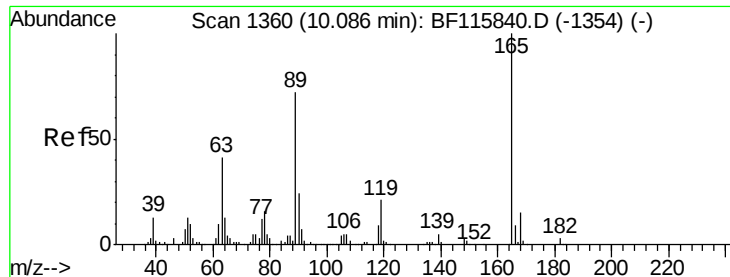
mohammad
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#56
4-Nitrophenol
Concen: 85.724 ng
RT: 10.01 min Scan# 1347
Delta R.T. 0.00 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	52.0	92.0
65	87.7	72.6	112.6





#57

2,4-Dinitrotoluene

Concen: 50.249 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMPMSD

Tot Ion:165 Resp: 248322

Ion Ratio Lower Upper

165 100

63 47.1 33.2 49.8

89 74.0 57.3 85.9

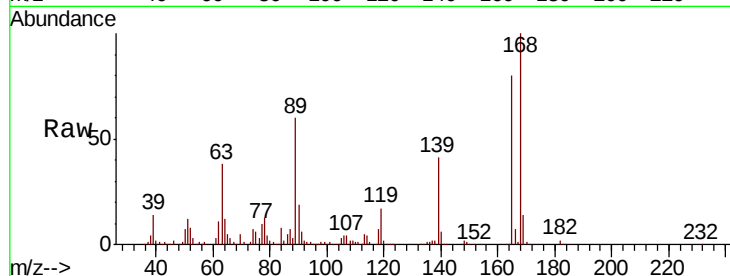
182 2.6 2.1 3.1

Manual Integrations

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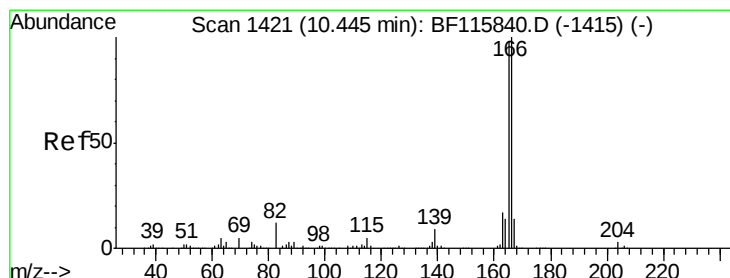
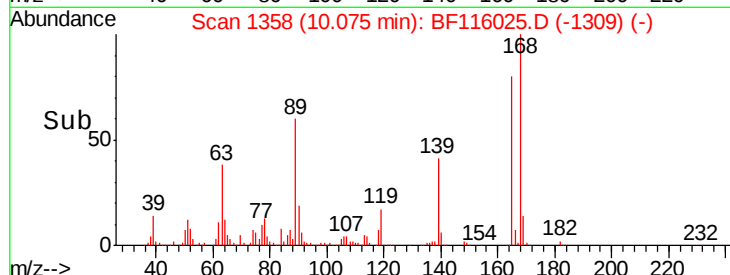
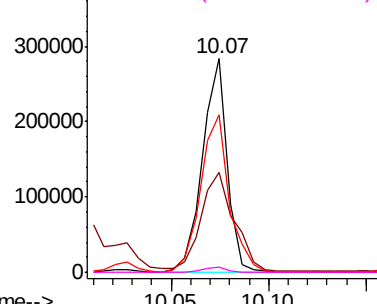


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 51.327 ng

RT: 10.43 min Scan# 1418

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

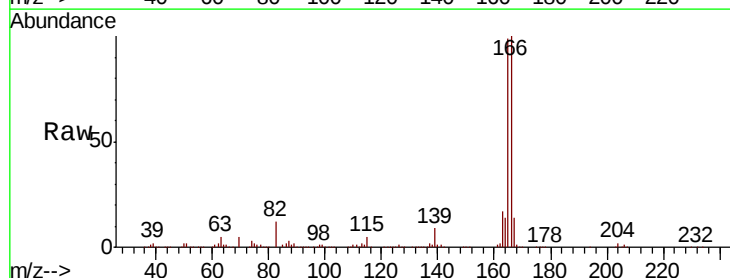
Tgt Ion:166 Resp: 757603

Ion Ratio Lower Upper

166 100

165 98.5 78.6 118.0

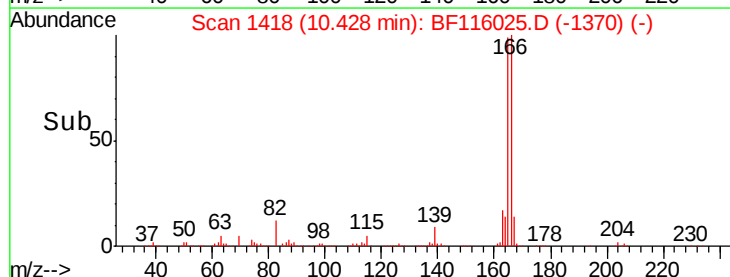
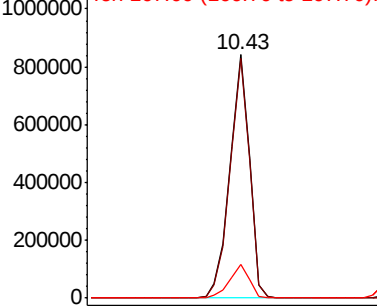
167 13.7 10.9 16.3



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





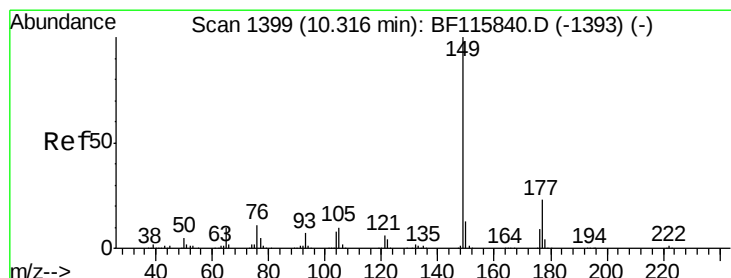
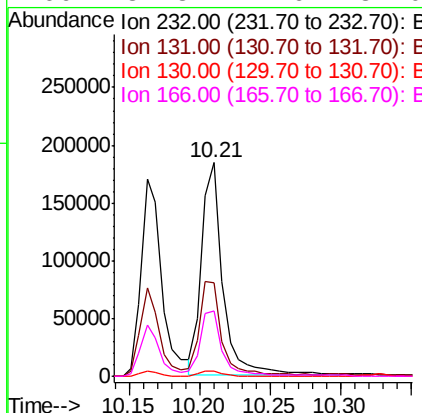
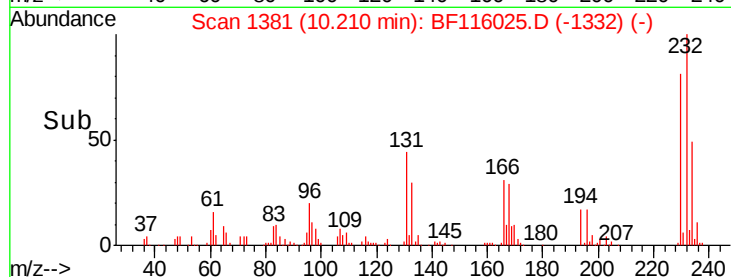
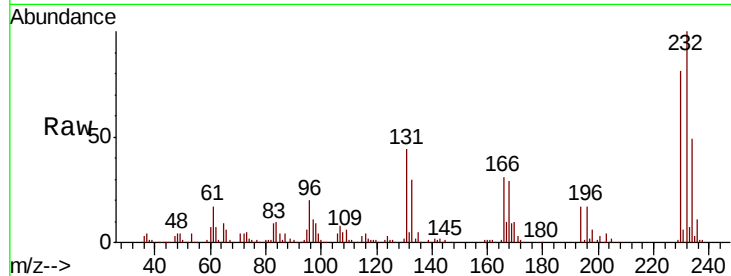
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.230 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		193607		
131	46.8	37.6	56.4		
130	2.6	1.8	2.8		
166	31.3	24.6	37.0		

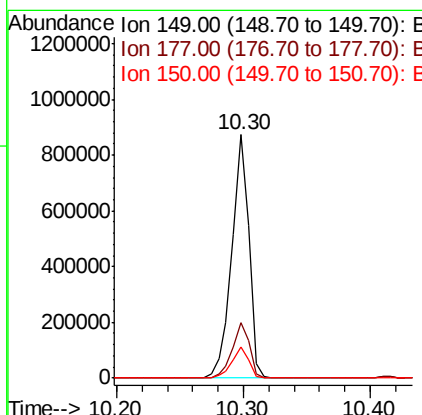
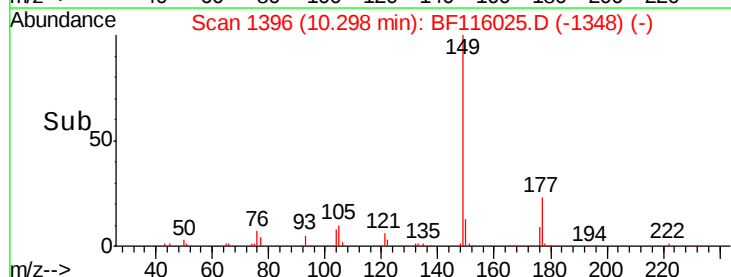
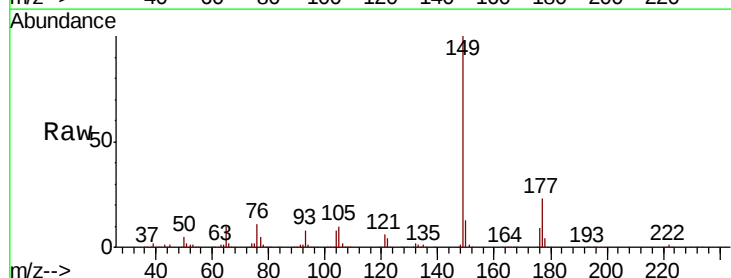
Manual Integrations
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#60
 Diethylphthalate
 Concen: 50.600 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		806872		
177	22.7	18.4	27.6		
150	12.9	10.1	15.1		





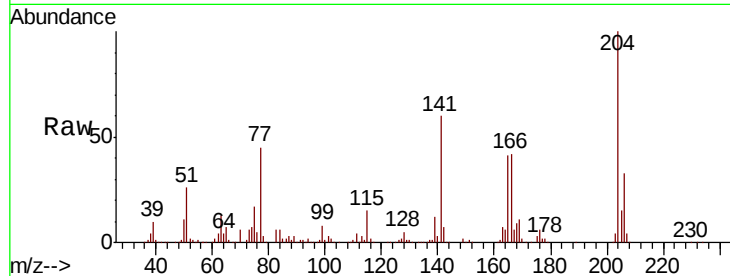
#61
4-Chlorophenyl-phenylether
Concen: 49.485 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.4	39.6
141	59.6	47.0	70.4

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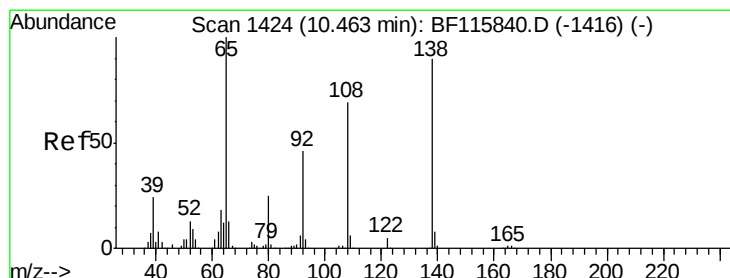
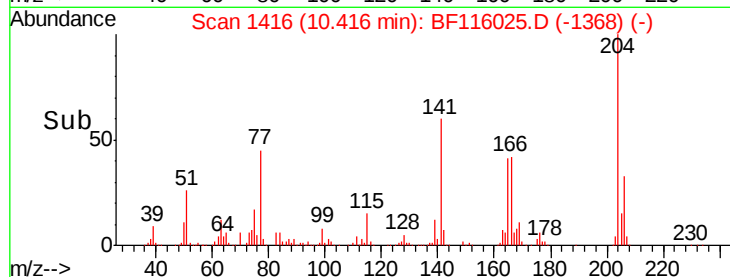
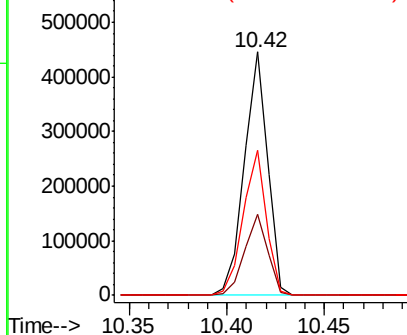


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.345 ng
RT: 10.45 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

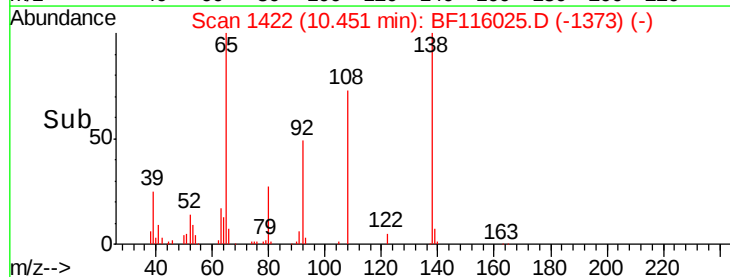
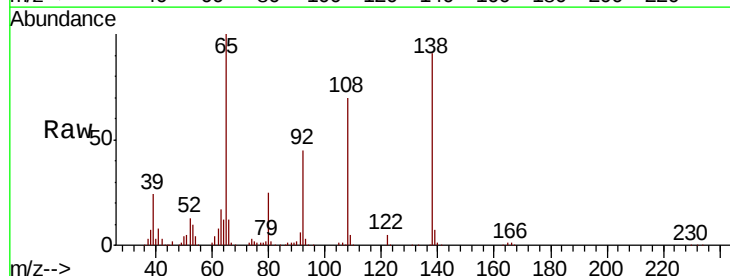
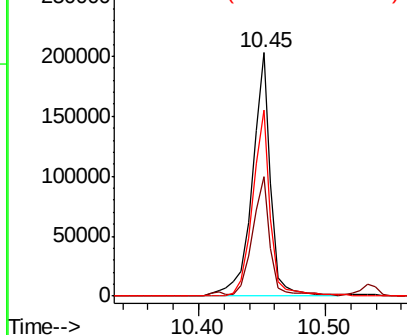
Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	31.0	71.0
108	76.6	56.7	96.7

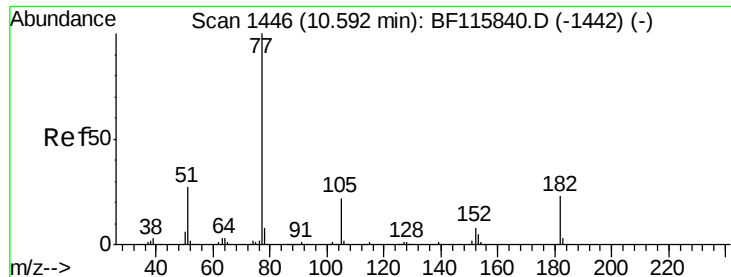
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





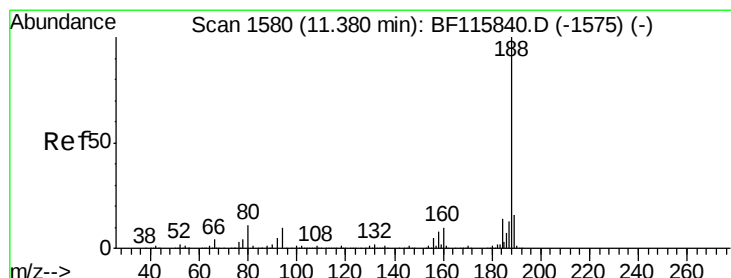
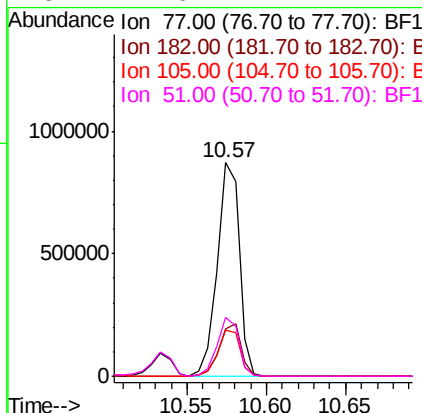
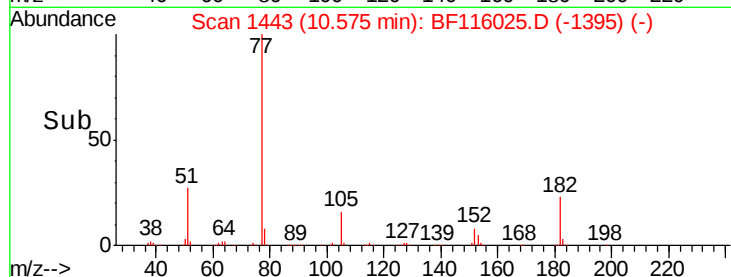
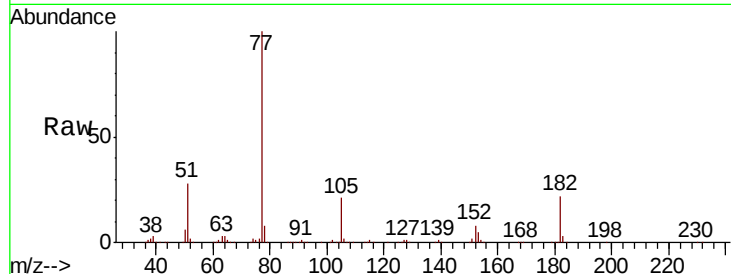
#63
Azobenzene
Concen: 51.200 ng
RT: 10.57 min Scan# 1443
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	22.3	2.6	42.6	
105	21.3	1.6	41.6	
51	27.6	7.4	47.4	

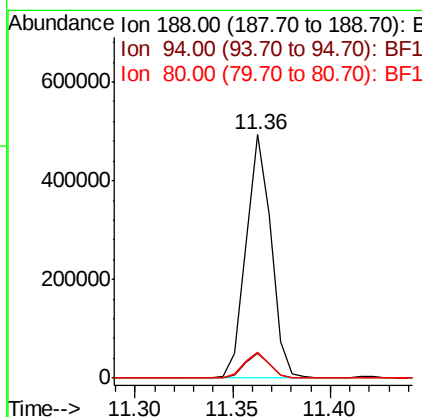
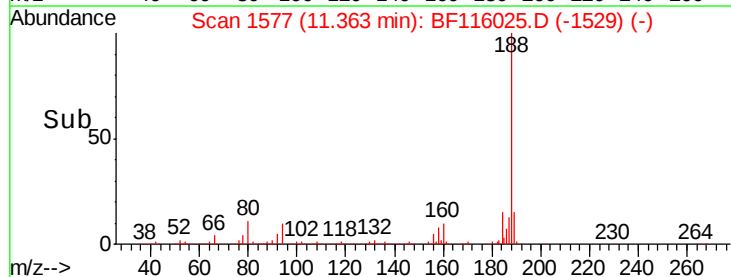
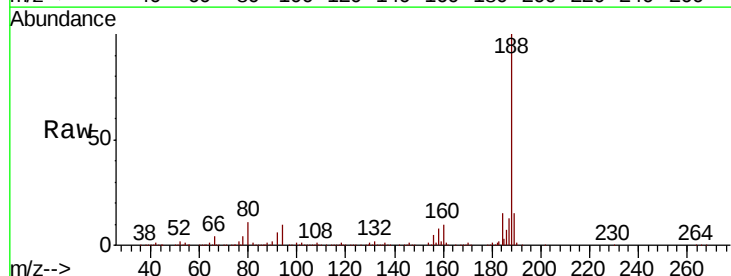
Manual Integrations
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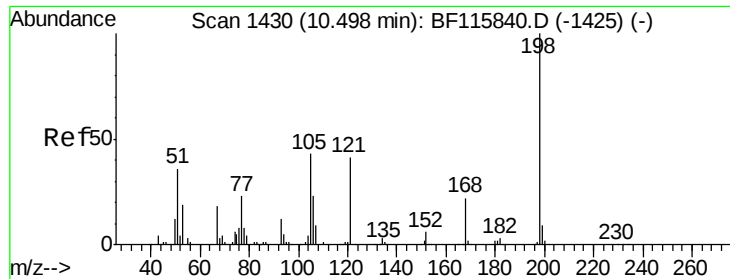
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.1	8.0	12.0	
80	10.8	8.6	12.8	





#65

4,6-Dinitro-2-methylphenol

Concen: 32.493 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

ClientSampleId :

2S-E1-E4-(0-1)COMPMSD

Tot Ion:198 Resp: 75452

Ion Ratio Lower Upper

198 100

51 45.2 21.1 61.1

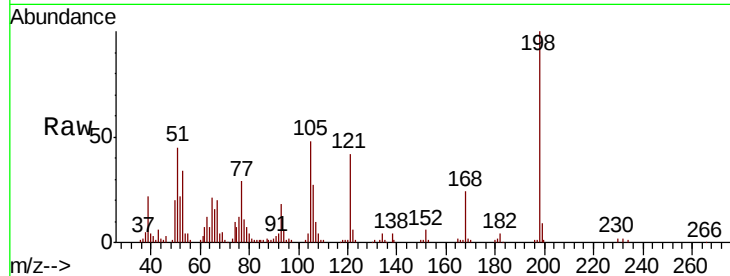
105 47.8 24.5 64.5

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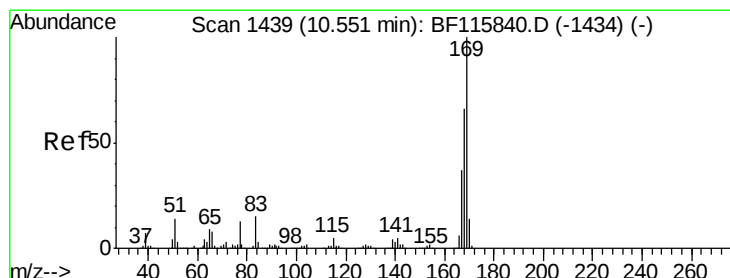
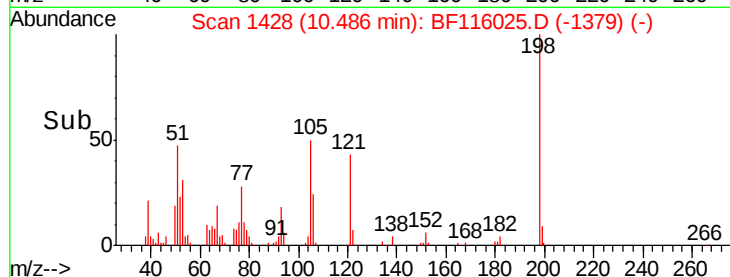
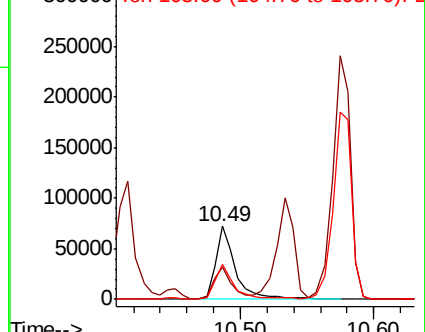
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 52.057 ng

RT: 10.53 min Scan# 1436

Delta R.T. -0.02 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

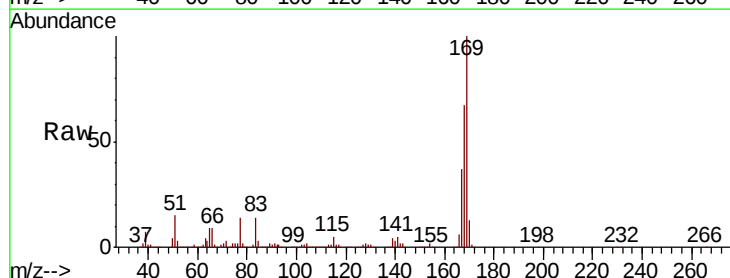
Tgt Ion:169 Resp: 686570

Ion Ratio Lower Upper

169 100

168 66.6 53.0 79.6

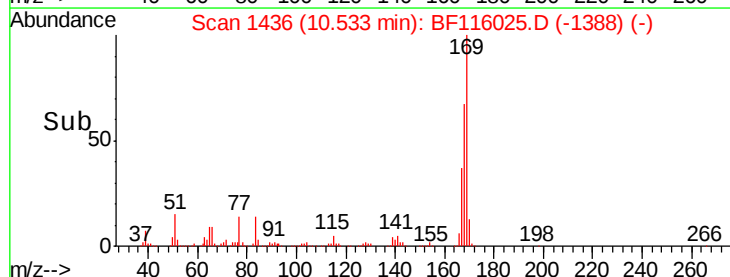
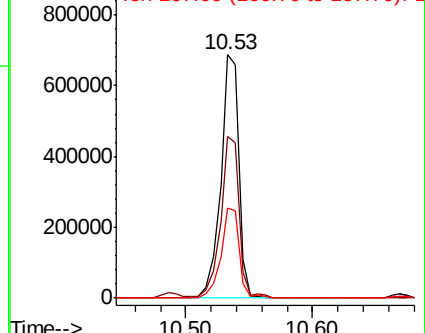
167 37.0 29.9 44.9



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





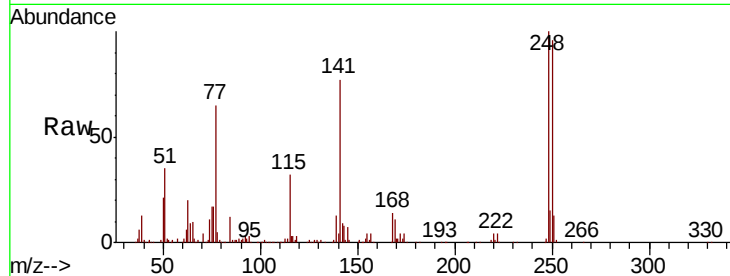
#67
4-Bromophenyl-phenylether
Concen: 49.373 ng
RT: 10.90 min Scan# 1499
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	95.9	77.8	116.6
141	77.0	64.3	96.5

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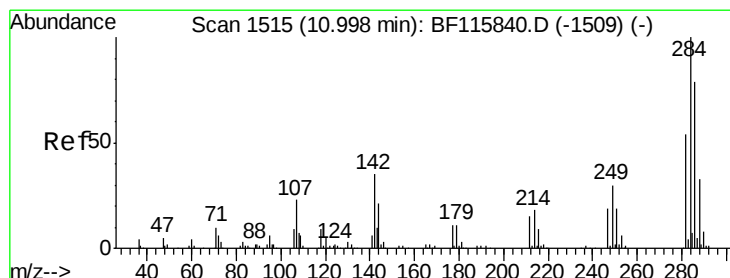
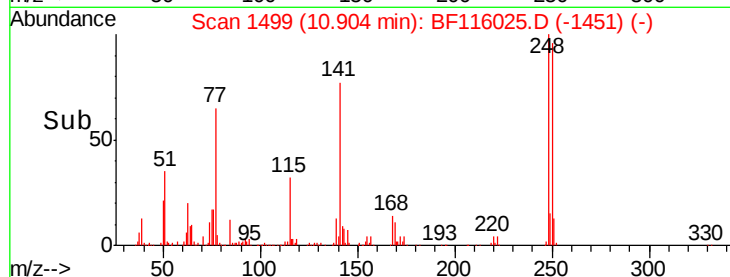
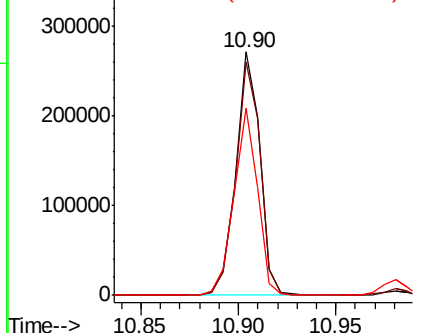


Abundance

Ion 248.00 (247.70 to 248.70): E

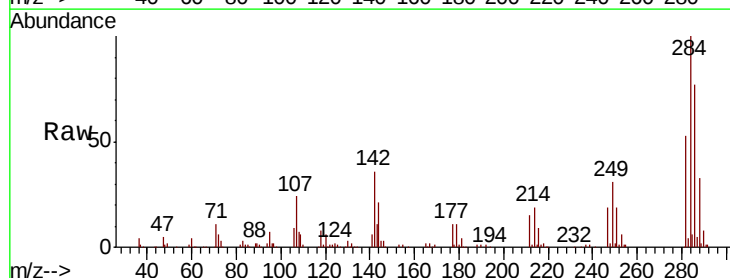
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 47.433 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.4	28.2	42.2
249	30.7	24.0	36.0

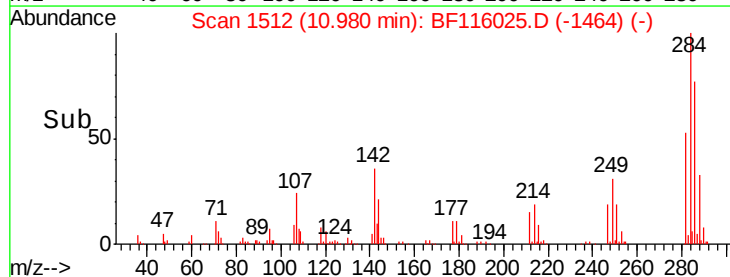
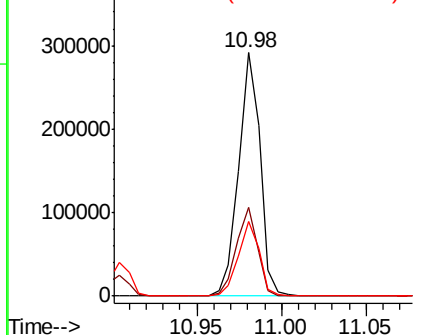


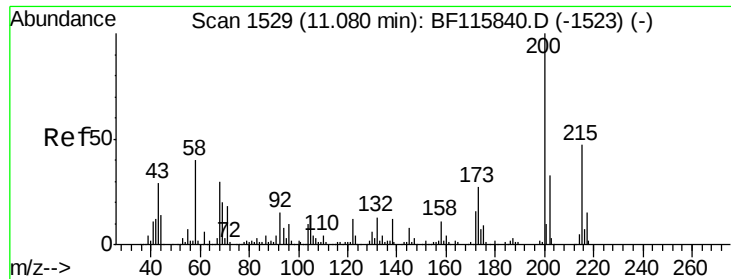
Abundance

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





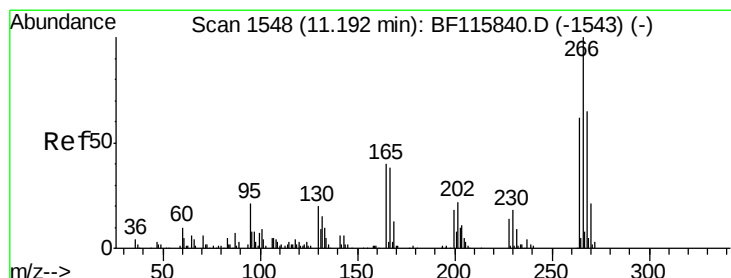
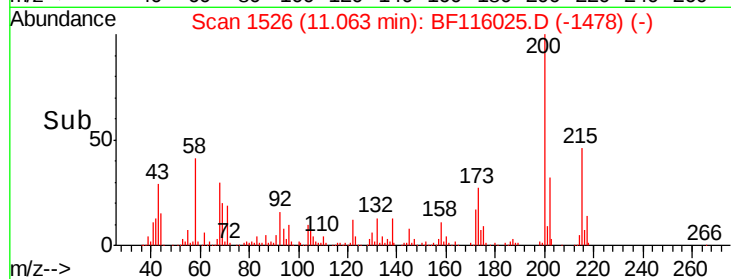
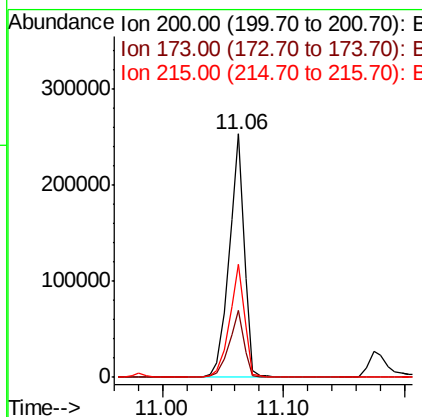
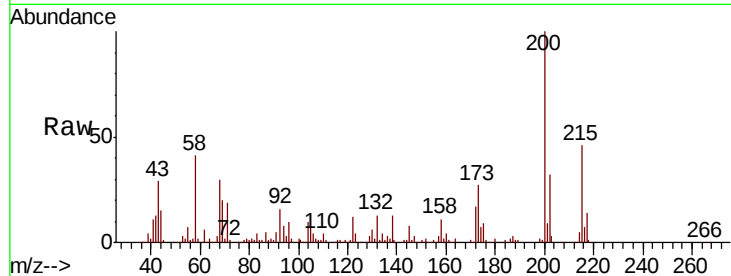
#69
Atrazine
Concen: 50.600 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.3	7.3	47.3
215	46.3	26.9	66.9

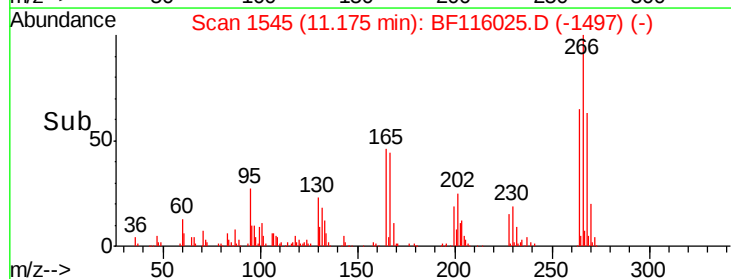
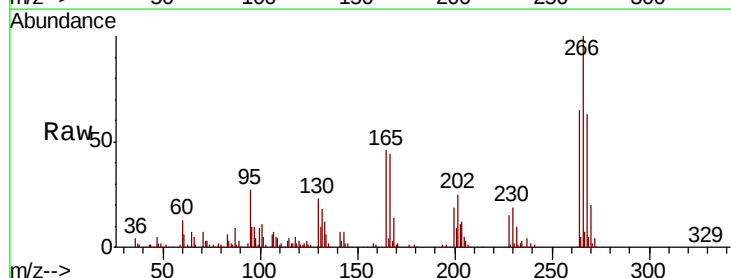
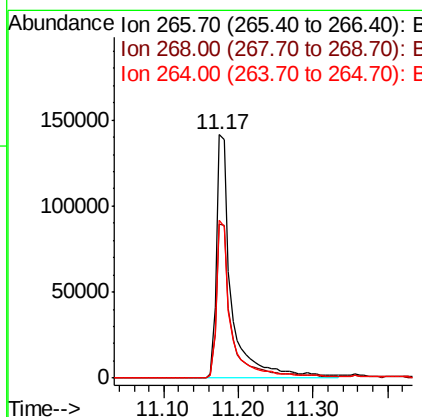
Manual Integrations
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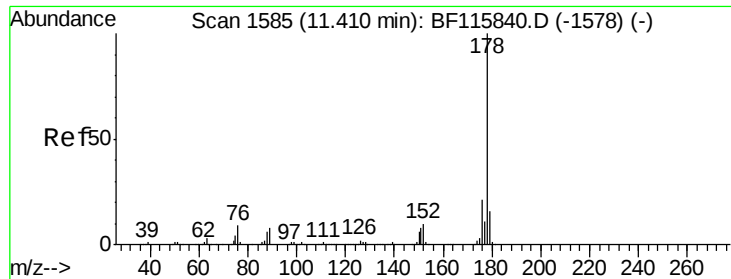
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#70
Pentachlorophenol
Concen: 75.231 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.3	51.6	77.4
264	65.0	49.4	74.0





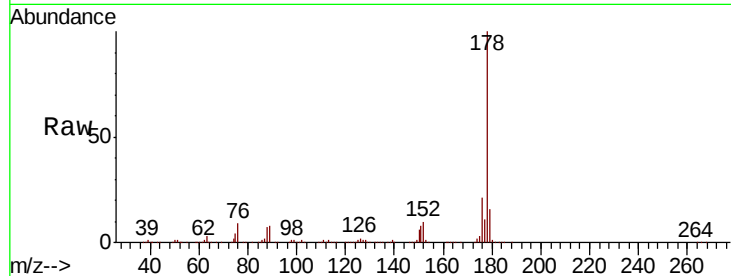
#71
Phenanthrene
Concen: 50.520 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.8	16.5	24.7
179	15.8	12.6	18.8

Manual Integrations
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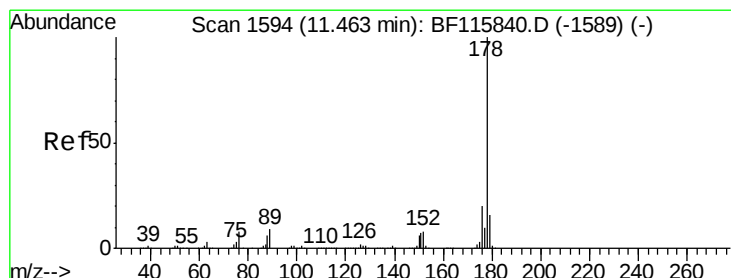
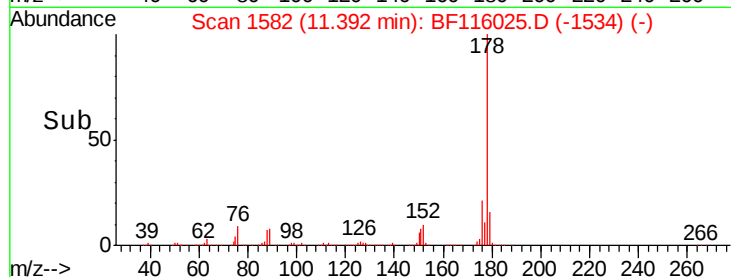
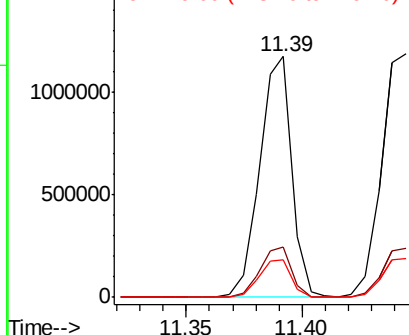


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 51.942 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

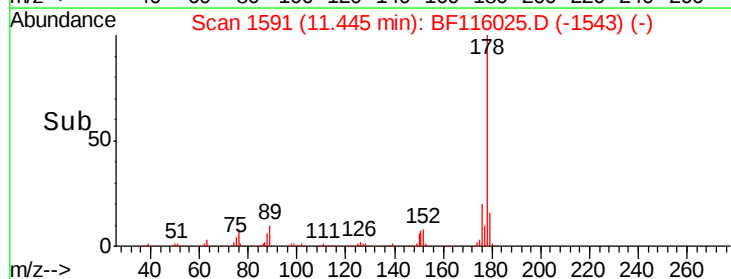
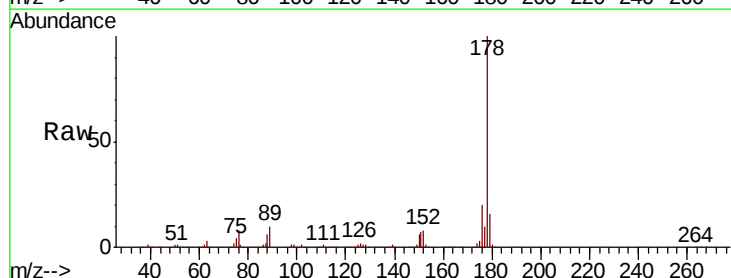
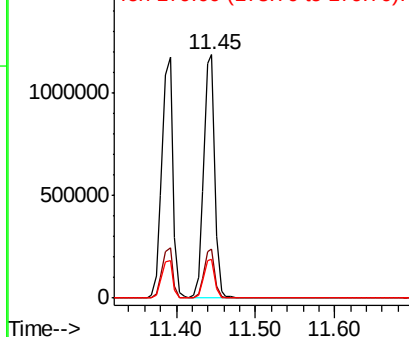
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.7	23.5
179	15.8	12.4	18.6

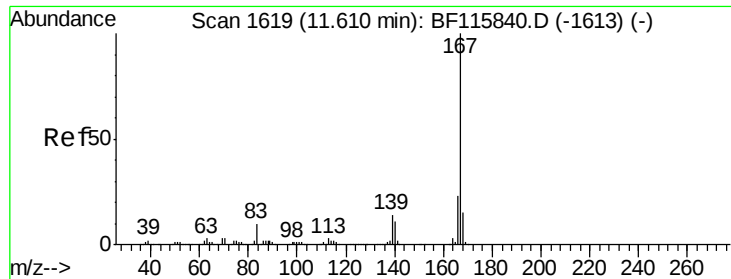
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





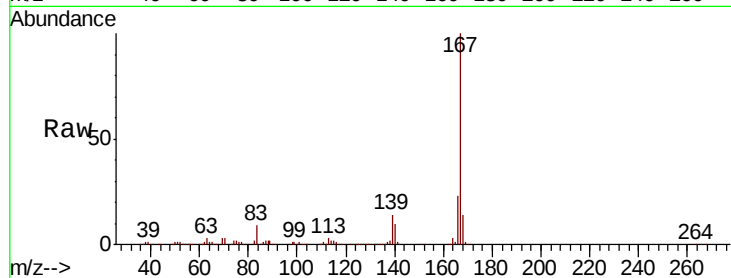
#73
 Carbazole
 Concen: 52.922 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	18.0	27.0
139	13.7	11.4	17.2

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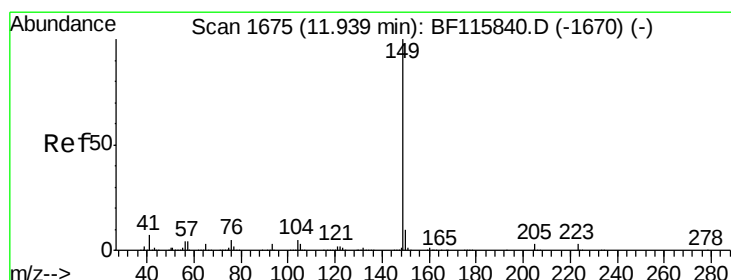
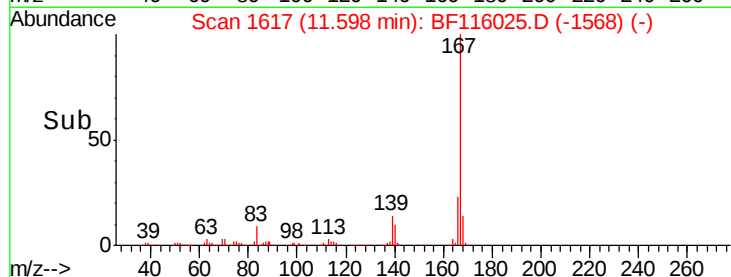
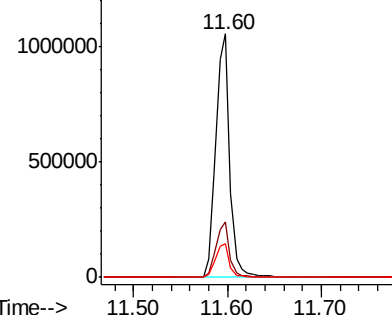


Abundance

Ion 167.00 (166.70 to 167.70): E

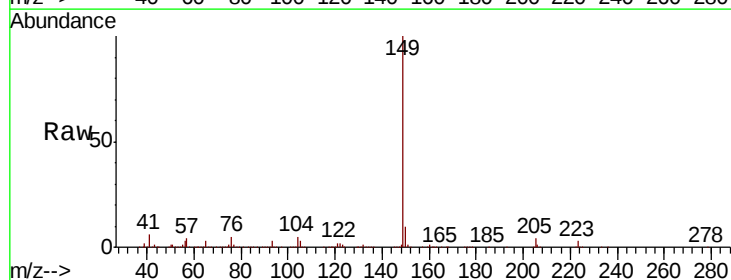
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74
 Di-n-butylphthalate
 Concen: 52.473 ng
 RT: 11.92 min Scan# 1672
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.2	4.3	6.5

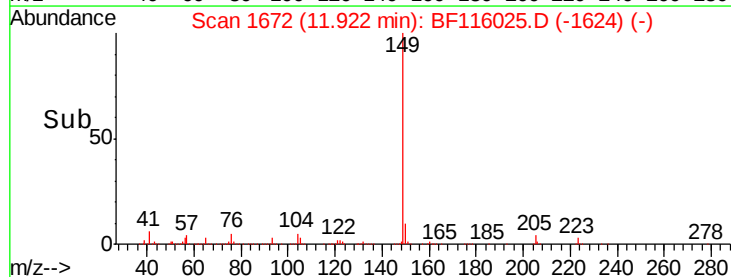
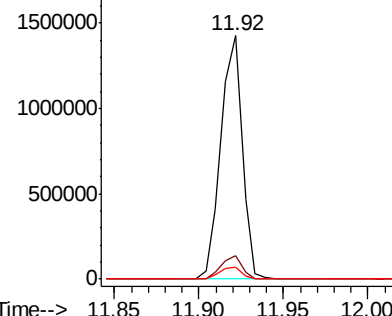


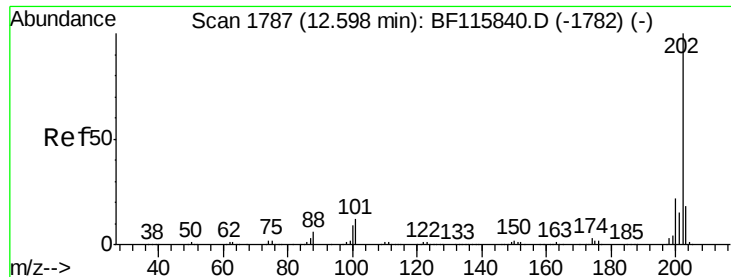
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





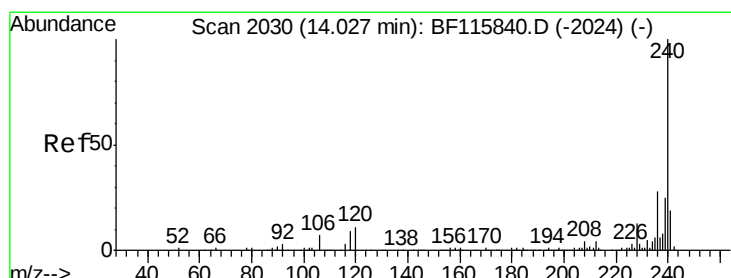
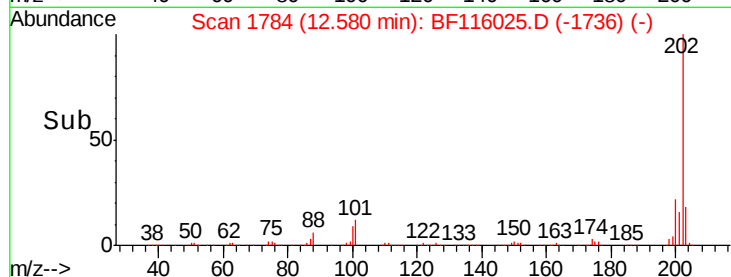
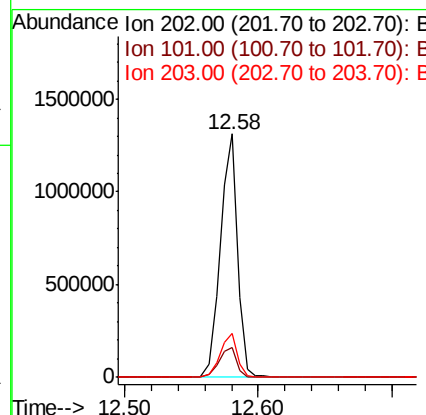
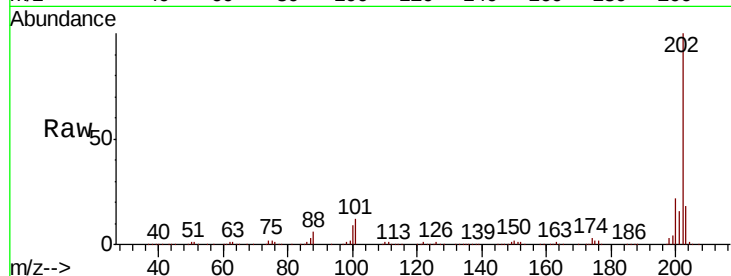
#75
 Fluoranthene
 Concen: 50.676 ng
 RT: 12.58 min Scan# 1784
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.5
203	17.9	0.0	37.9

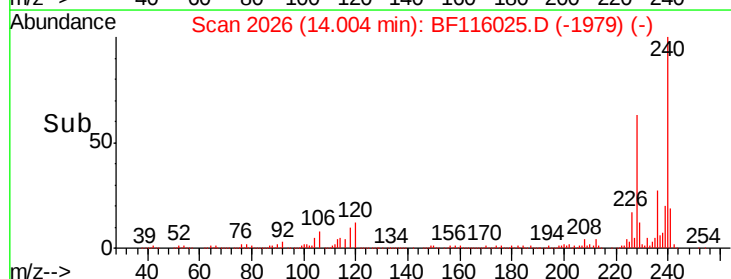
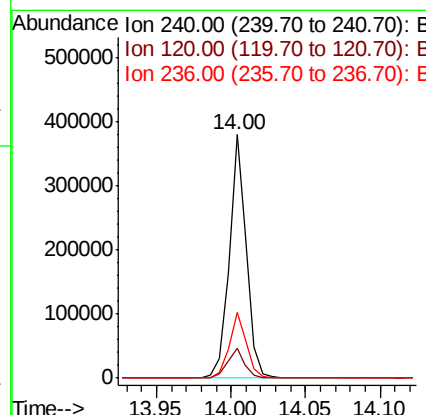
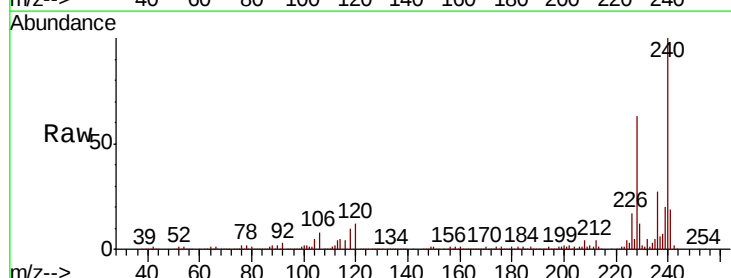
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.00 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.1	8.5	12.7
236	27.2	22.2	33.2





#77

Benzidine

Concen: 25.296 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

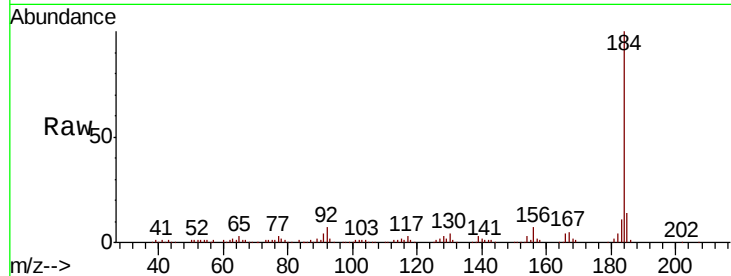
ClientSampleId :

2S-E1-E4-(0-1)COMPMSD

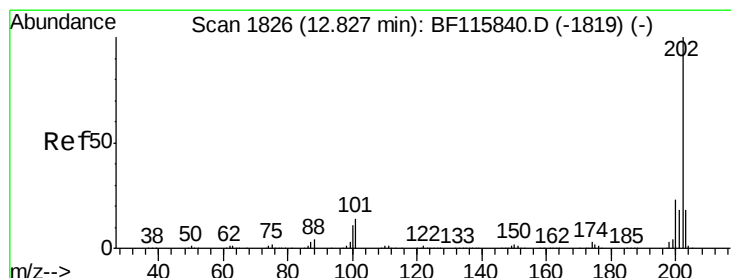
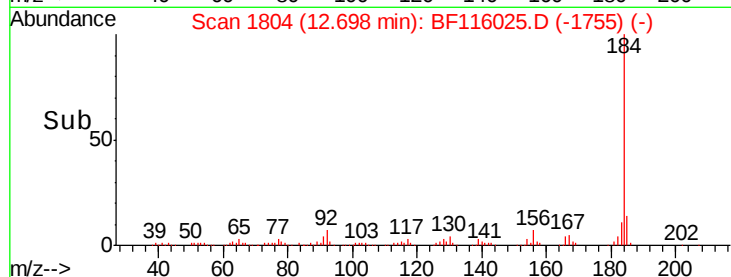
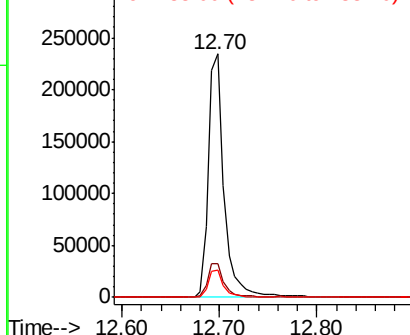
Tot Ion:	184	Resp:	262615
Ion Ratio	Lower	Upper	
184	100		
185	14.0	13.4	20.2
183	11.1	9.1	13.7

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 52.139 ng

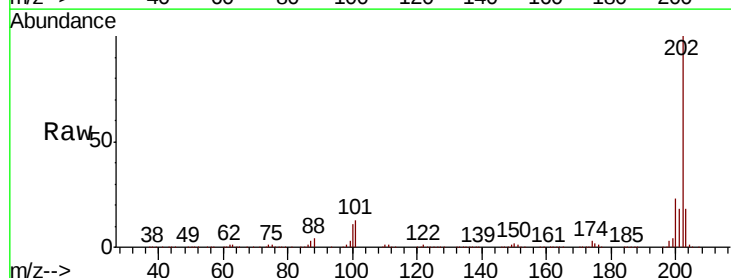
RT: 12.81 min Scan# 1823

Delta R.T. -0.02 min

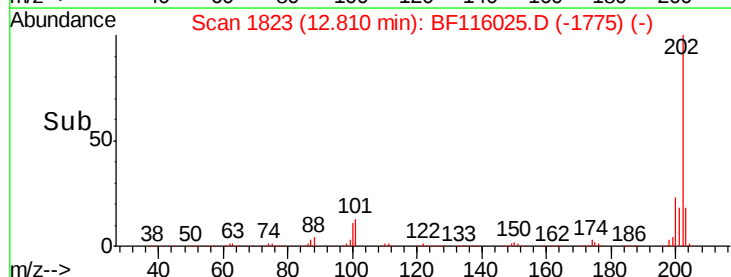
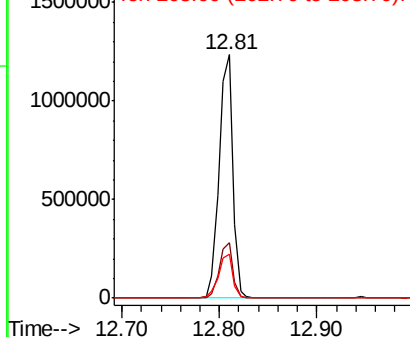
Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Tgt Ion:	202	Resp:	1207757
Ion Ratio	Lower	Upper	
202	100		
200	22.6	18.2	27.2
203	17.9	14.3	21.5



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





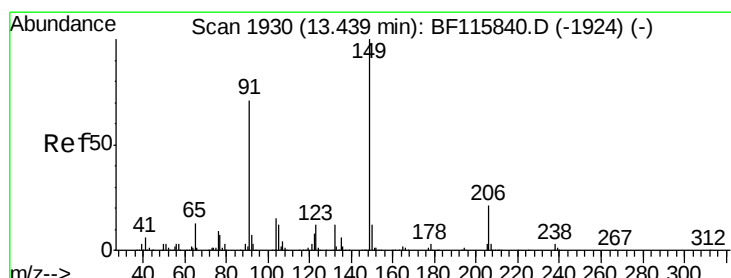
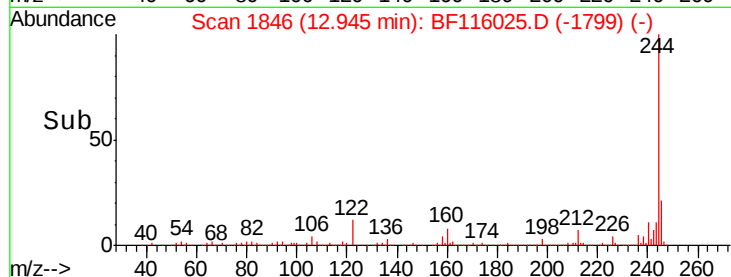
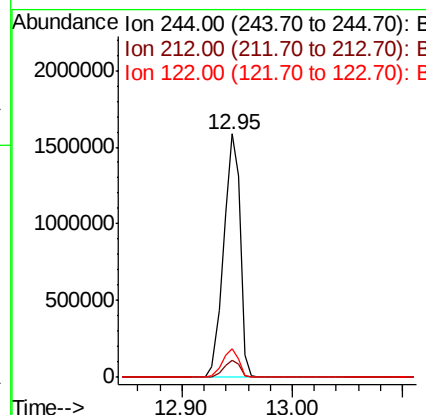
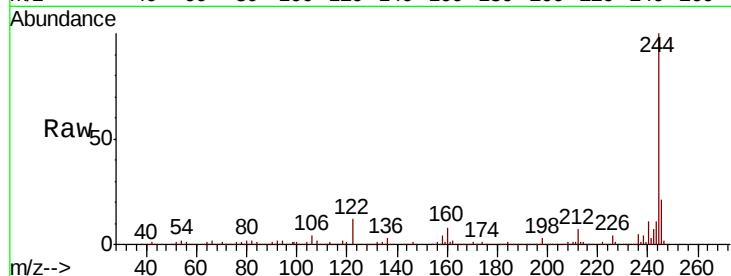
#79
 Terphenyl-d14
 Concen: 112.614 ng
 RT: 12.95 min Scan# 1846
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.6	8.4
122	11.9	8.6	13.0

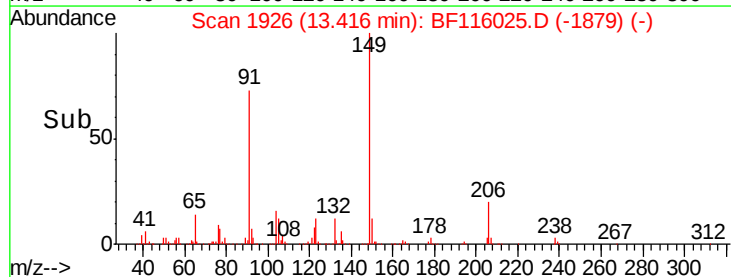
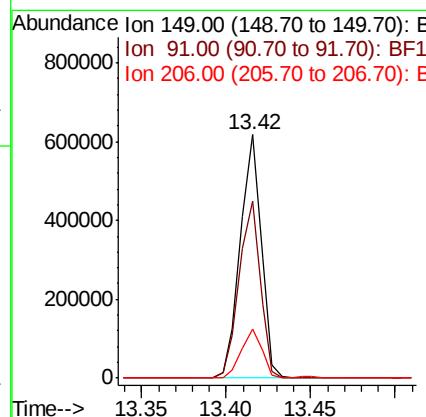
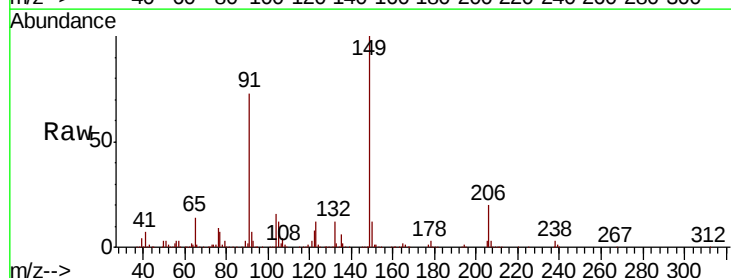
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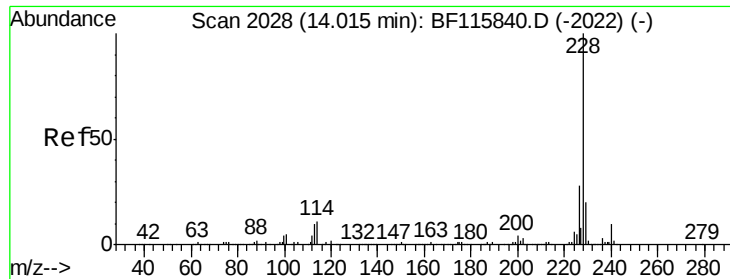
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#80
 Butylbenzylphthalate
 Concen: 54.490 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.8	57.0	85.6
206	20.2	16.9	25.3





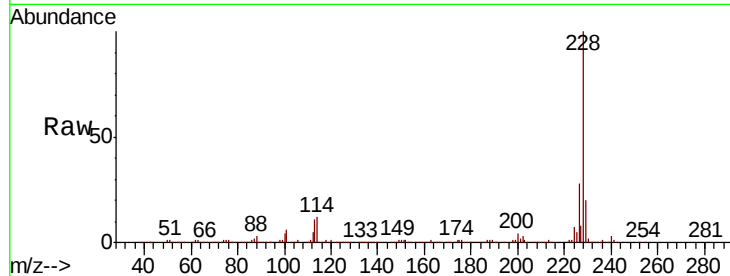
#81
Benzo(a)anthracene
Concen: 50.396 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.5	33.7
229	20.1	16.1	24.1

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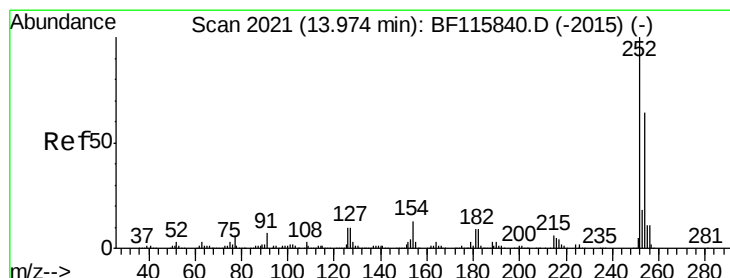
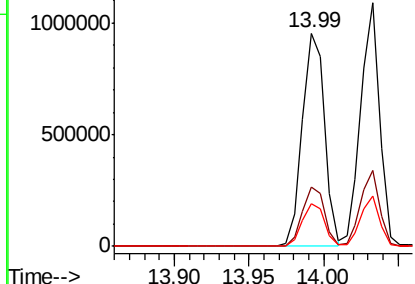
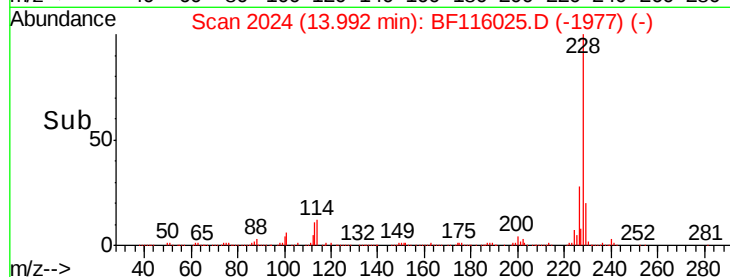


Abundance

Ion 228.00 (227.70 to 228.70): E

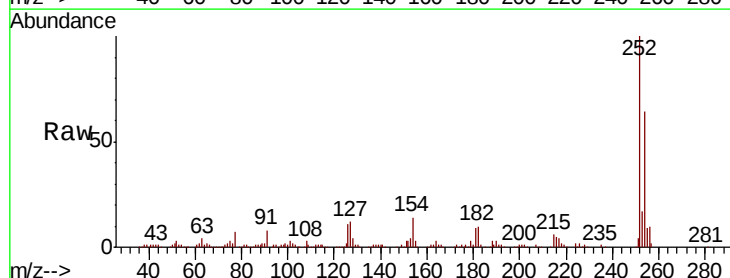
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 24.647 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	51.2	76.8
126	11.1	8.1	12.1

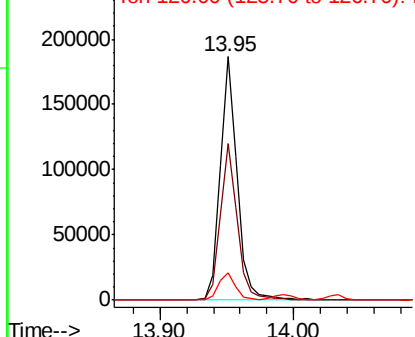
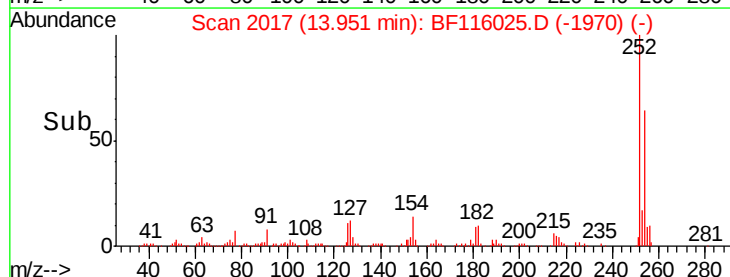


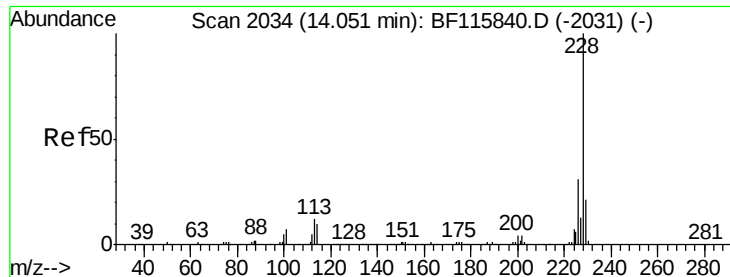
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





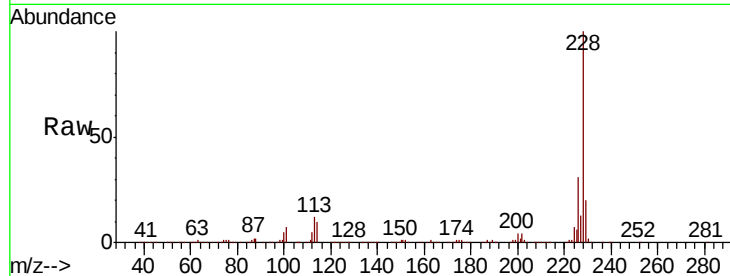
#83
 Chrvsene
 Concen: 50.863 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Instrument :
 BNA_F
 ClientSampleId :
 2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	20.5	16.4	24.6

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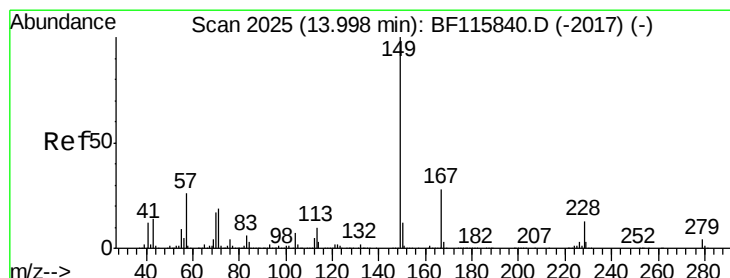
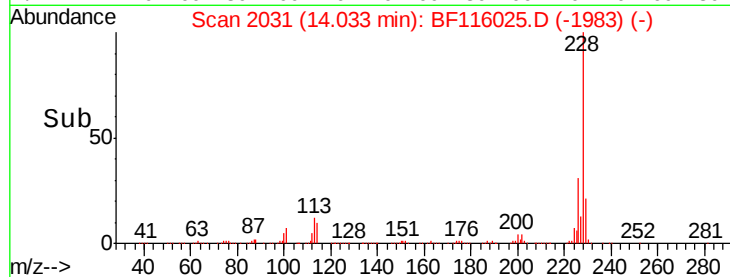
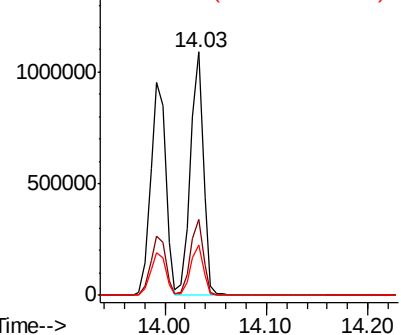


Abundance

Ion 228.00 (227.70 to 228.70): E

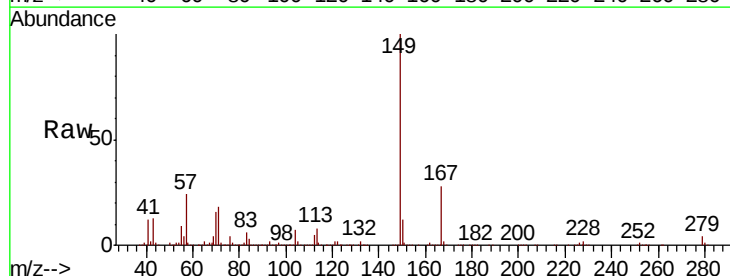
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.800 ng
 RT: 13.97 min Scan# 2021
 Delta R.T. -0.02 min
 Lab File: BF116025.D
 Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	4.1	3.3	4.9

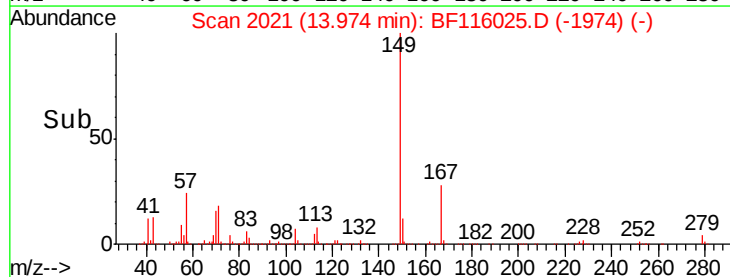
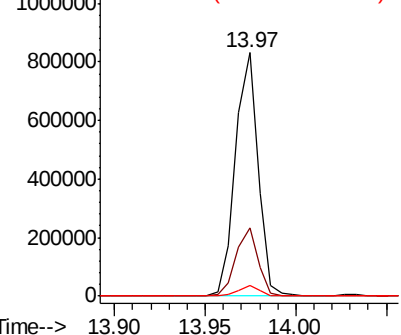


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





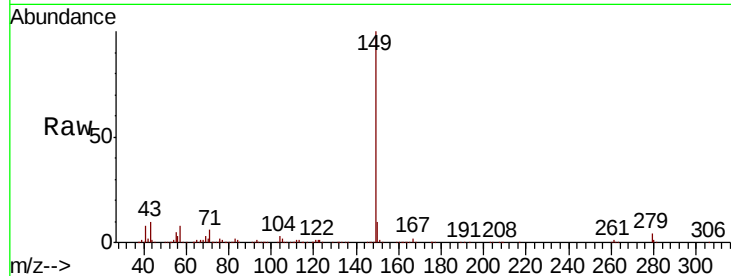
#85
Di-n-octyl phthalate
Concen: 56.480 ng
RT: 14.58 min Scan# 2124
Delta R.T. -0.03 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	9.1	7.4	11.0

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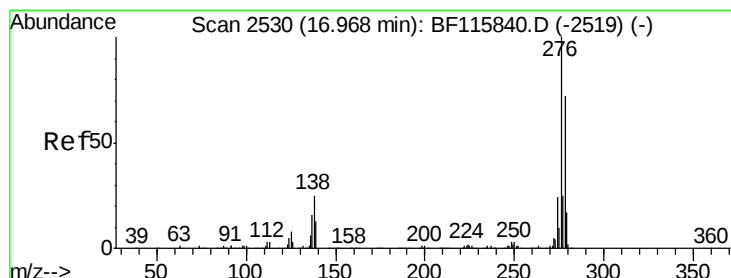
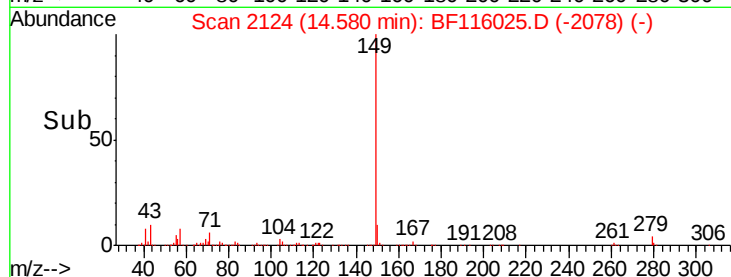
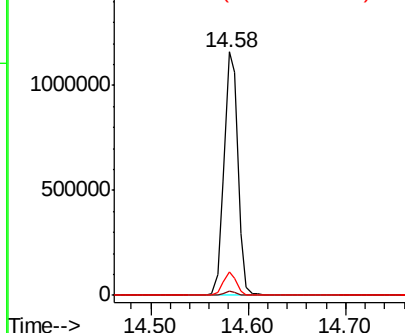


Abundance

Ion 149.00 (148.70 to 149.70): E

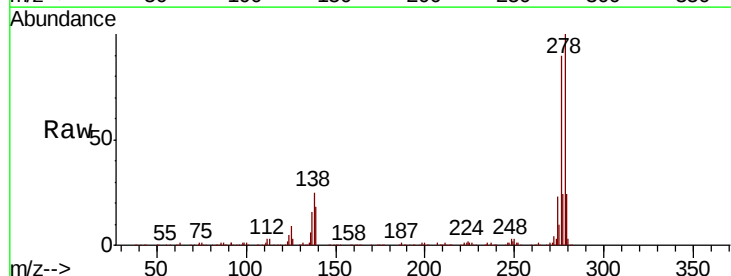
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 69.871 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.6	29.4
277	25.3	20.1	30.1

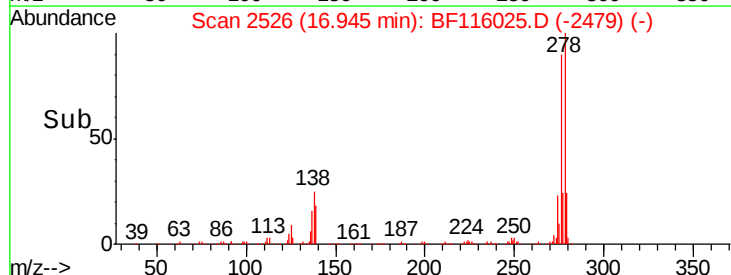
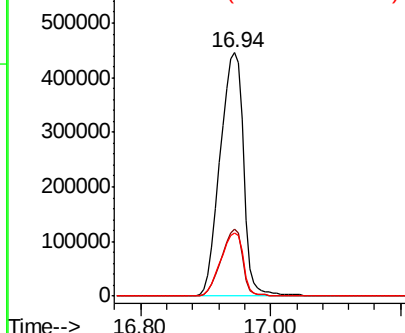


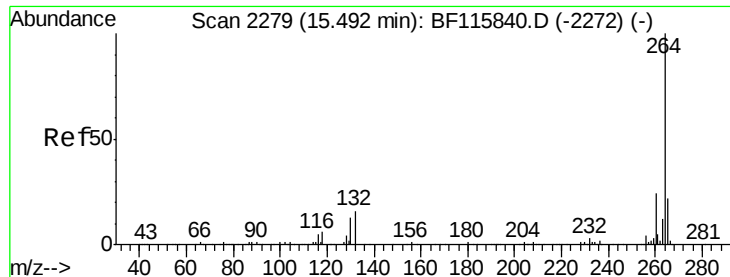
Abundance

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: 15.46 min Scan# 2274

Delta R.T. -0.03 min

Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Instrument :

BNA_F

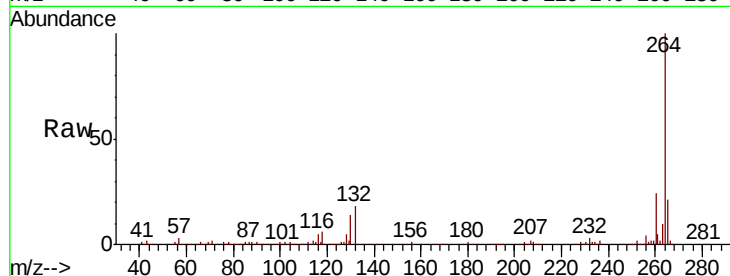
ClientSampleId :

2S-E1-E4-(0-1)COMPMSD

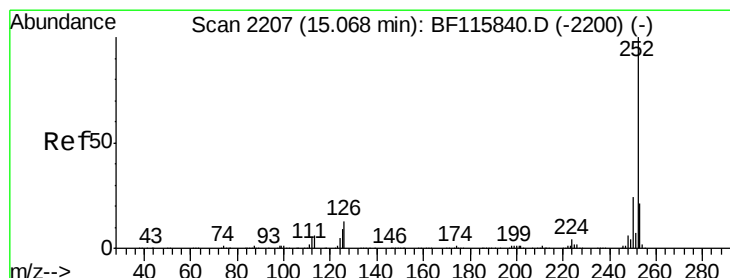
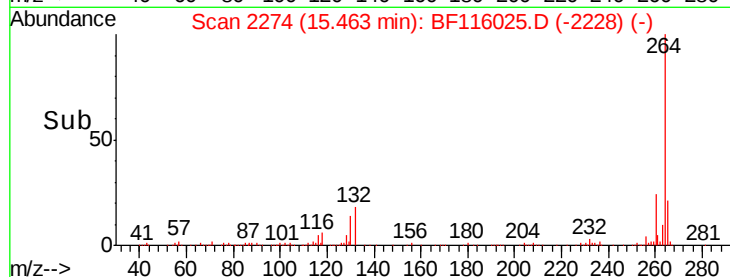
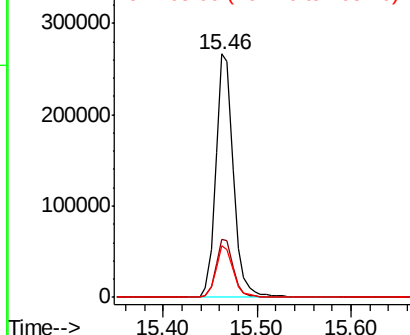
Tot Ion:	264	Resp:	351073
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.4	17.5	26.3

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 48.602 ng

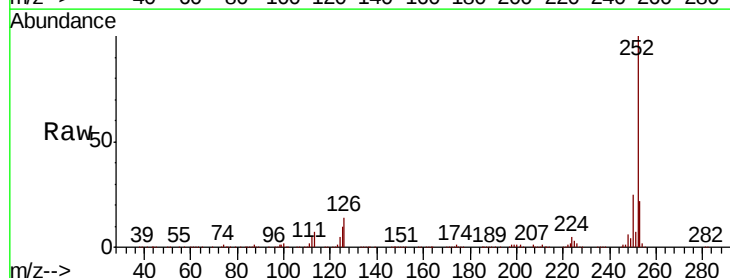
RT: 15.04 min Scan# 2203

Delta R.T. -0.02 min

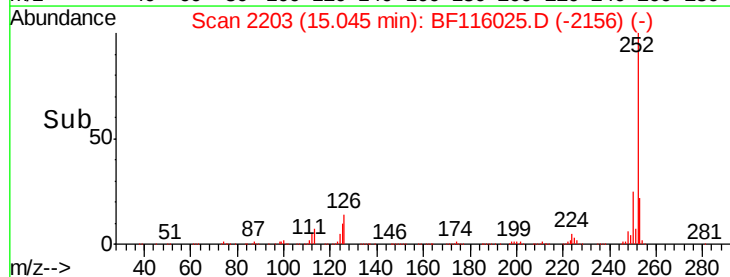
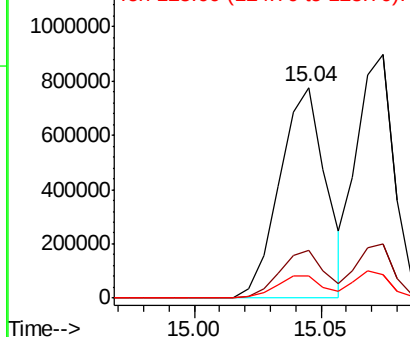
Lab File: BF116025.D

Acq: 6 Aug 2019 20:42

Tgt Ion:	252	Resp:	986598
Ion Ratio		Lower	Upper
252	100		
253	22.4	17.2	25.8
125	10.2	7.4	11.0



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





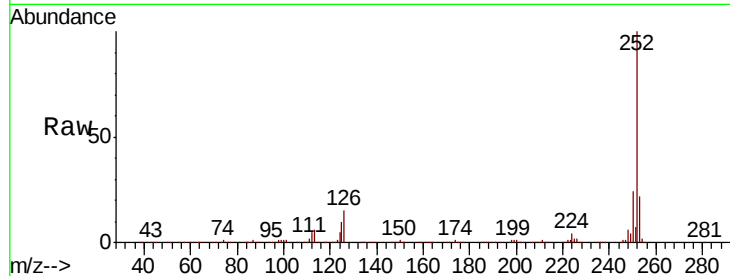
#89
Benzo(k)fluoranthene
Concen: 47.195 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

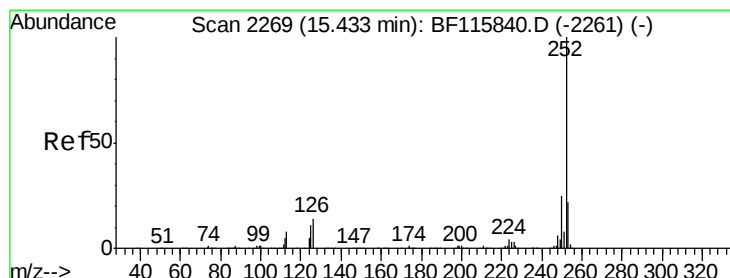
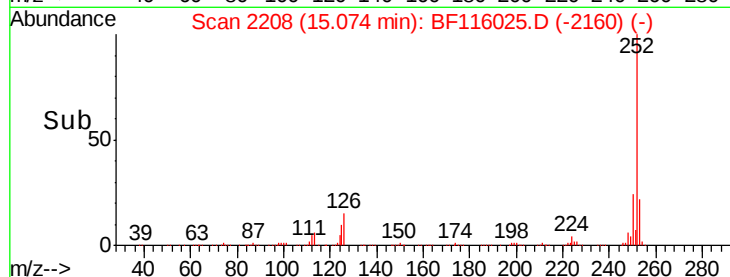
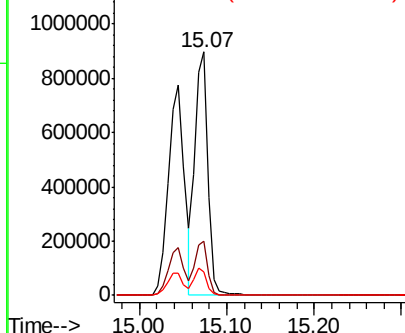
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.4
125	9.7	8.9	13.3

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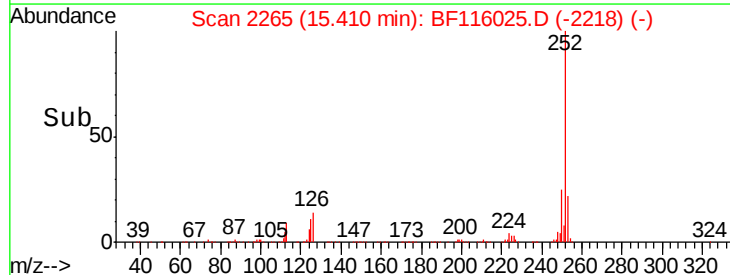
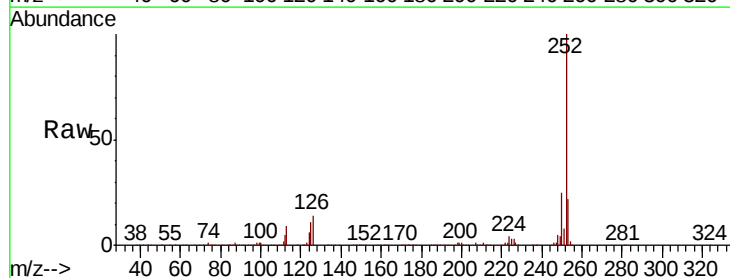
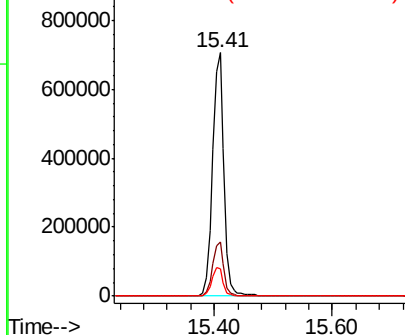
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 52.332 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.02 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.8	26.6
125	11.4	8.8	13.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





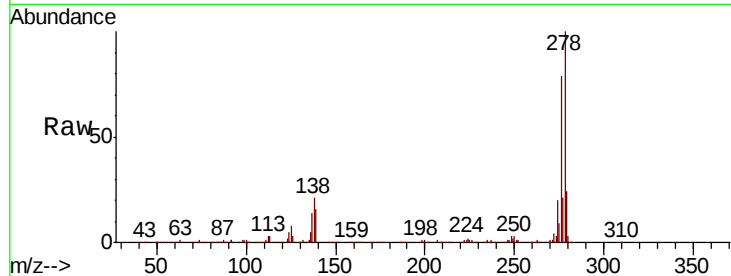
#91
Dibenzo(a,h)anthracene
Concen: 60.121 ng
RT: 16.95 min Scan# 2527
Delta R.T. -0.03 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Instrument :
BNA_F
ClientSampleId :
2S-E1-E4-(0-1)COMPMSD

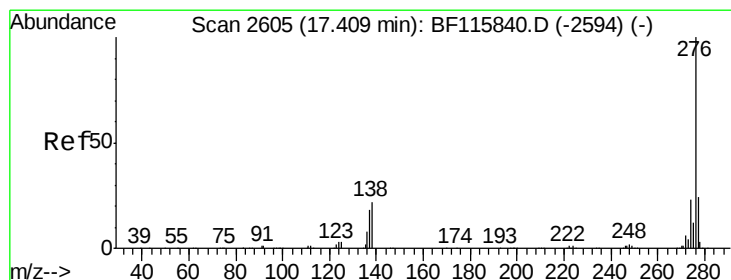
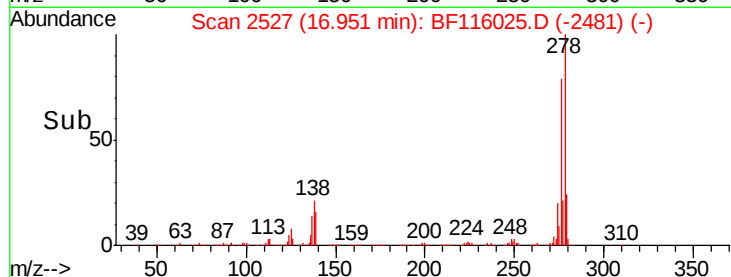
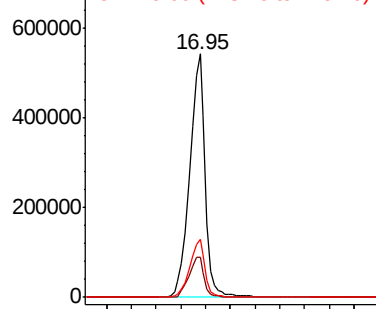
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.4	12.6	19.0
279	23.8	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/7/2019 4:42:08 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 61.018 ng
RT: 17.38 min Scan# 2600
Delta R.T. -0.03 min
Lab File: BF116025.D
Acq: 6 Aug 2019 20:42

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.5	29.3
138	22.4	17.8	26.8

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

