

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081419\
 Data File : BF116260.D
 Acq On : 14 Aug 2019 13:30
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDC0040

Manual Integrations
 APPROVED

mohammad
 8/19/2019 10:41:45 AM

Quant Time: Aug 14 16:34:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	168948	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	710087	20.00	ng	-0.02
39) Acenaphthene-d10	9.86	164	378214	20.00	ng	-0.02
64) Phenanthrene-d10	11.35	188	649459	20.00	ng	-0.02
76) Chrysene-d12	13.99	240	359158	20.00	ng	-0.02
87) Perylene-d12	15.45	264	384184	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	844003	83.63	ng	-0.02
7) Phenol-d6	6.47	99	1060179	83.26	ng	-0.01
23) Nitrobenzene-d5	7.40	82	995662	80.94	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	303306	82.71	ng	-0.02
45) 2-Fluorobiphenyl	9.18	172	1593567	78.92	ng	-0.02
79) Terphenyl-d14	12.93	244	1734152	101.74	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.56	88	192658	37.788	ng	99
3) Pyridine	3.32	79	466880	32.782	ng	99
4) n-Nitrosodimethylamine	3.26	42	144147	25.647	ng	# 98
6) Aniline	6.49	93	686291	37.636	ng	# 81
8) 2-Chlorophenol	6.62	128	479038	42.925	ng	96
9) Benzaldehyde	6.38	77	334612	38.087	ng	99
10) Phenol	6.49	94	606369	40.440	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	499809	45.338	ng	99
12) 1,3-Dichlorobenzene	6.77	146	542004	42.024	ng	99
13) 1,4-Dichlorobenzene	6.85	146	541696	41.947	ng	99
14) 1,2-Dichlorobenzene	7.00	146	491684	41.350	ng	99
15) Benzyl Alcohol	6.98	79	388576	40.213	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	636258	42.314	ng	92
17) 2-Methylphenol	7.09	107	404538	42.810	ng	98
18) Hexachloroethane	7.33	117	206038	43.335	ng	100
19) n-Nitroso-di-n-propylamine	7.25	70	332884	42.189	ng	98
20) 3+4-Methylphenols	7.25	107	469651	41.999	ng	98
22) Acetophenone	7.24	105	628186	40.338	ng	99
24) Nitrobenzene	7.42	77	544869	41.020	ng	98
25) Isophorone	7.66	82	1021363	43.421	ng	100
26) 2-Nitrophenol	7.73	139	277111	44.258	ng	99
27) 2,4-Dimethylphenol	7.77	122	388486	41.240	ng	98
28) bis(2-Chloroethoxy)methane	7.86	93	628674	43.120	ng	100
29) 2,4-Dichlorophenol	7.97	162	428062	43.037	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	471707	41.605	ng	100
31) Naphthalene	8.13	128	1387657	41.528	ng	100
32) Benzoic acid	7.95	122	319665	48.132	ng	97
33) 4-Chloroaniline	8.18	127	560096	37.514	ng	100
34) Hexachlorobutadiene	8.25	225	271946	41.642	ng	98
35) Caprolactam	8.57	113	131289m	40.812	ng	
36) 4-Chloro-3-methylphenol	8.67	107	439358	42.461	ng	97
37) 2-Methylnaphthalene	8.82	142	897493	40.783	ng	99
38) 1-Methylnaphthalene	8.92	142	865516	41.573	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	423392	41.874	ng	100

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 BNA_F
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 SSTDCCC040

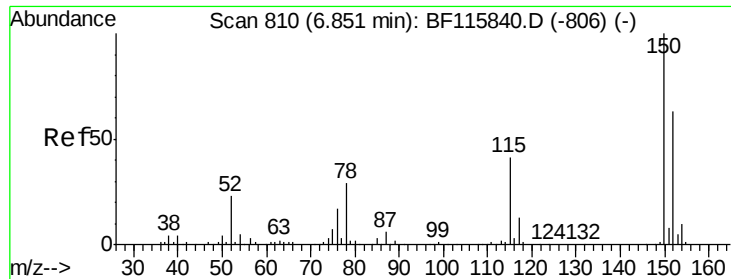
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	178913	42.419	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	276350	39.707	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	290596	40.393	nq	100
46) 1,1'-Biphenyl	9.29	154	1091579	40.880	nq	98
47) 2-Chloronaphthalene	9.31	162	902648	40.616	nq	99
48) 2-Nitroaniline	9.42	65	296407	40.351	nq	97
49) Acenaphthylene	9.73	152	1291945	39.847	nq	99
50) Dimethylphthalate	9.59	163	1080566	41.960	nq	100
51) 2,6-Dinitrotoluene	9.66	165	235027	41.996	nq	99
52) Acenaphthene	9.90	154	802219	40.331	nq	100
53) 3-Nitroaniline	9.83	138	271203	39.219	nq	99
54) 2,4-Dinitrophenol	9.95	184	99742	39.432	nq	99
55) Dibenzofuran	10.07	168	1101547	38.081	nq	97
56) 4-Nitrophenol	10.00	139	165447	37.349	nq	93
57) 2,4-Dinitrotoluene	10.06	165	275500	36.974	nq	90
58) Fluorene	10.42	166	893891	40.166	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	238330	39.376	nq	98
60) Diethylphthalate	10.28	149	1040018	43.257	nq	99
61) 4-Chlorophenyl-phenylether	10.40	204	458368	40.667	nq	96
62) 4-Nitroaniline	10.45	138	252058	35.271	nq	95
63) Azobenzene	10.56	77	1032549	41.754	nq	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	160236	46.557	nq	92
66) n-Nitrosodiphenylamine	10.52	169	828065	42.360	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	300344	43.200	nq	97
68) Hexachlorobenzene	10.97	284	335190	41.693	nq	97
69) Atrazine	11.05	200	230115	35.783	nq	98
70) Pentachlorophenol	11.16	266	162725	41.691	nq	99
71) Phenanthrene	11.37	178	1339913	40.357	nq	99
72) Anthracene	11.43	178	1355270	40.333	nq	99
73) Carbazole	11.58	167	1240978	40.708	nq	99
74) Di-n-butylphthalate	11.90	149	1570036	44.149	nq	99
75) Fluoranthene	12.56	202	1383772	39.811	nq	97
77) Benzidine	12.68	184	497861	41.031	nq	98
78) Pyrene	12.79	202	1391162	51.384	nq	99
80) Butylbenzylphthalate	13.40	149	658562	57.504	nq	99
81) Benzo(a)anthracene	13.98	228	1055490	45.979	nq	100
82) 3,3'-Dichlorobenzidine	13.94	252	403227	50.559	nq	98
83) Chrysene	14.02	228	1100494	49.379	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	901036	60.544	nq	98
85) Di-n-octyl phthalate	14.56	149	1358147	57.455	nq	97
86) Indeno(1,2,3-cd)pyrene	16.93	276	915282	48.897	nq	99
88) Benzo(b)fluoranthene	15.03	252	726643	32.711	nq	98
89) Benzo(k)fluoranthene	15.06	252	927771	42.880	nq	99
90) Benzo(a)pyrene	15.39	252	612117	30.825	nq	# 98
91) Dibenzo(a,h)anthracene	16.93	278	763582	44.423	nq	99
92) Benzo(g,h,i)perylene	17.36	276	774216	45.863	nq	99

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



#1

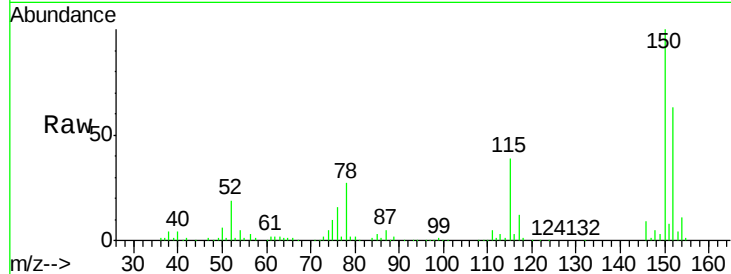
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.83 min Scan# 806
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.7	126.2	189.2
115	61.1	49.9	74.9

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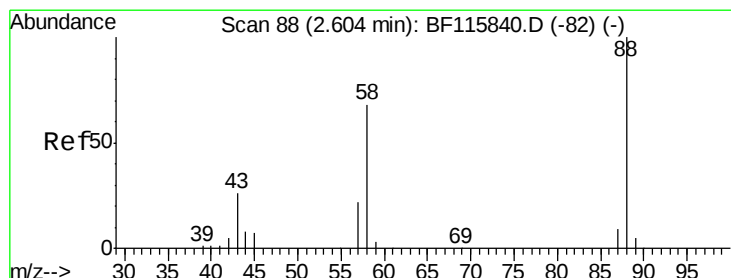
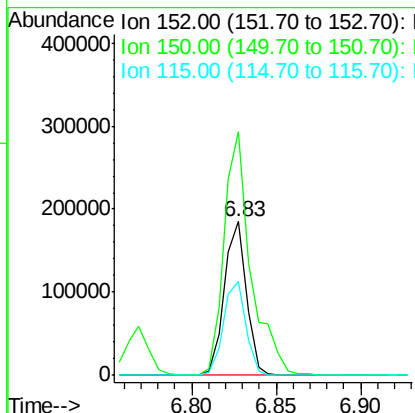
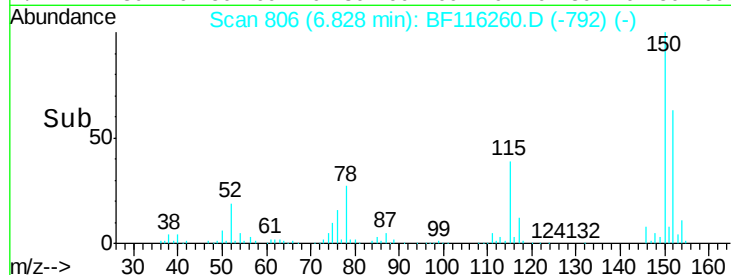


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

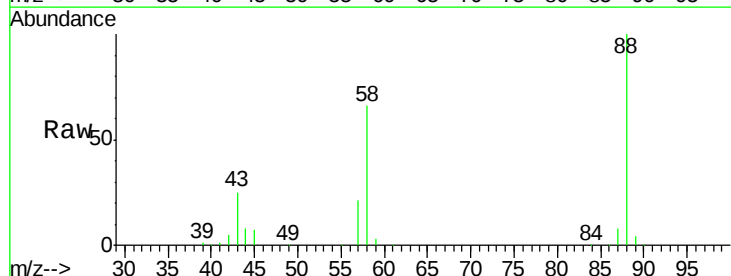
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
 Concen: 37.788 ng
 RT: 2.56 min Scan# 81
 Delta R.T. -0.05 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.9	53.7	80.5
43	25.9	21.0	31.4

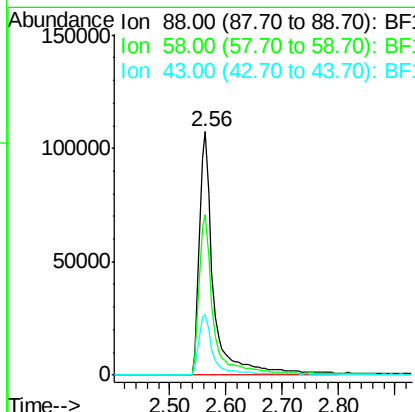
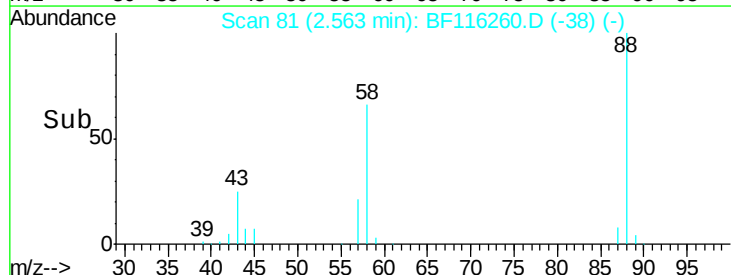


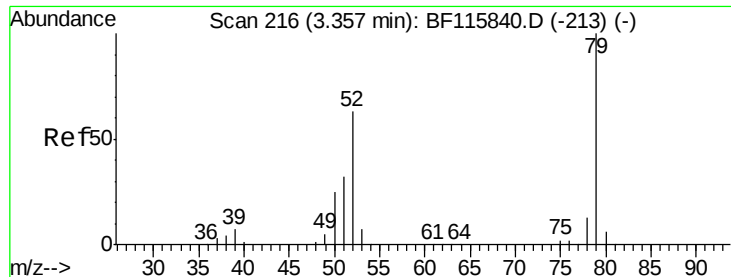
Abundance

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: 32.782 ng

RT: 3.32 min Scan# 210

Delta R.T. -0.04 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

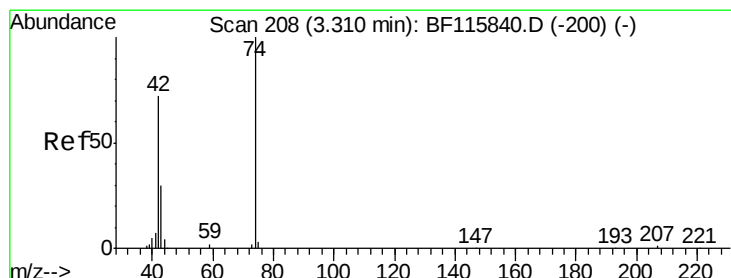
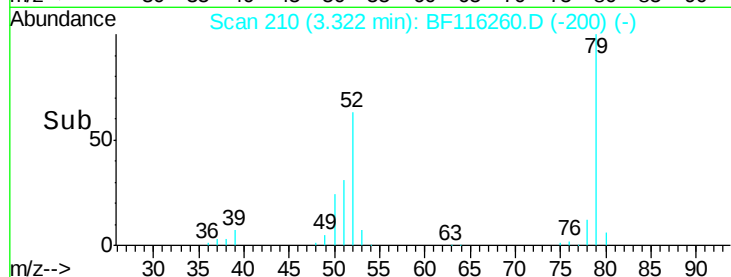
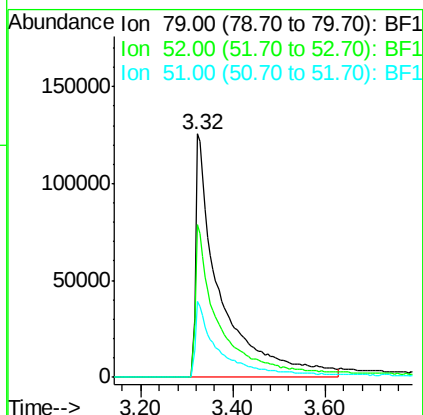
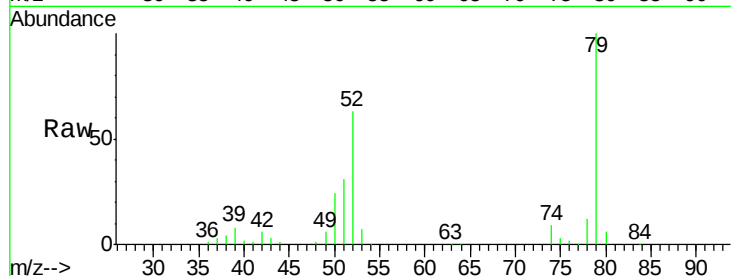
ClientSampleId :

SSTDCCC040

Tot Ion:	79	Resp:	466880
Ion	Ratio	Lower	Upper
79	100		
52	62.9	49.8	74.8
51	31.3	25.2	37.8

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#4

n-Nitrosodimethylamine

Concen: 25.647 ng

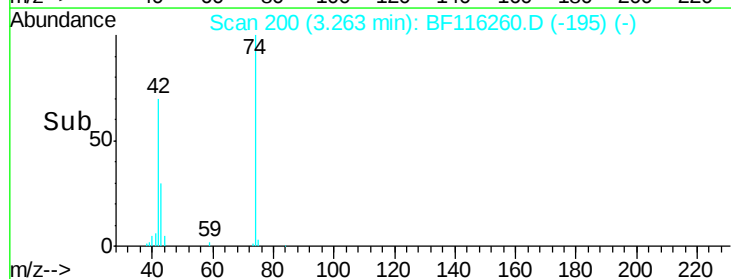
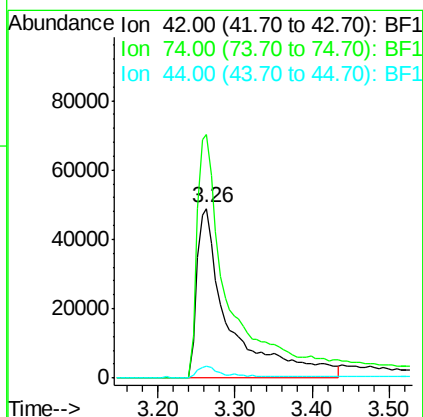
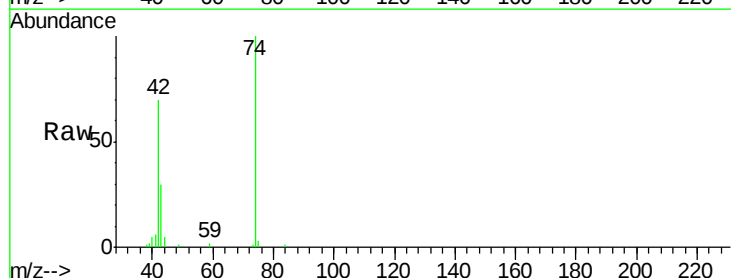
RT: 3.26 min Scan# 200

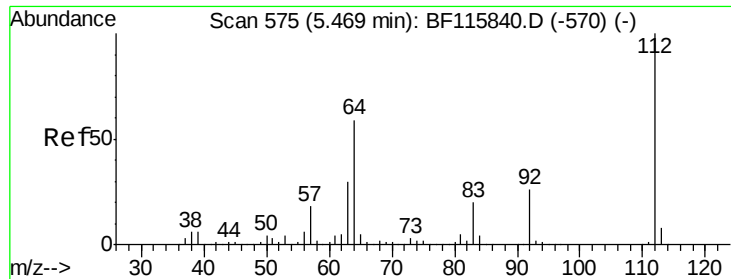
Delta R.T. -0.07 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Tgt Ion:	42	Resp:	144147
Ion	Ratio	Lower	Upper
42	100		
74	143.2	116.0	174.0
44	7.2	4.6	7.0





#5

2-Fluorophenol

Concen: 83.630 ng

RT: 5.45 min Scan# 571

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

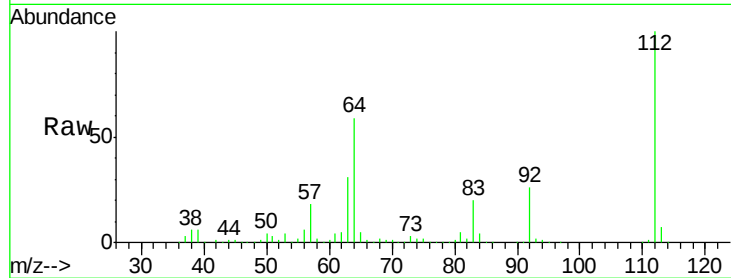
ClientSampleId :

SSTDCCC040

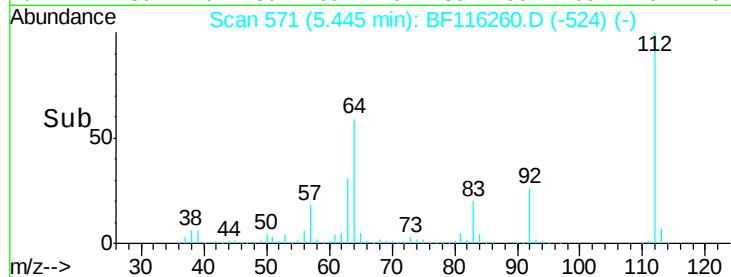
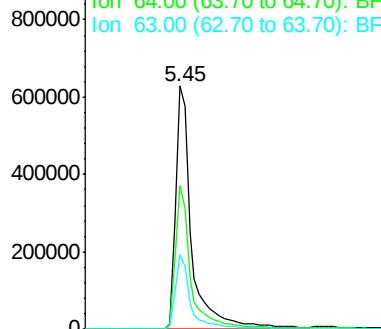
Tot Ion:	112	Resp:	844003
Ion Ratio	Lower	Upper	
112	100		
64	58.9	45.4	68.2
63	30.9	23.7	35.5

Manual Integrations
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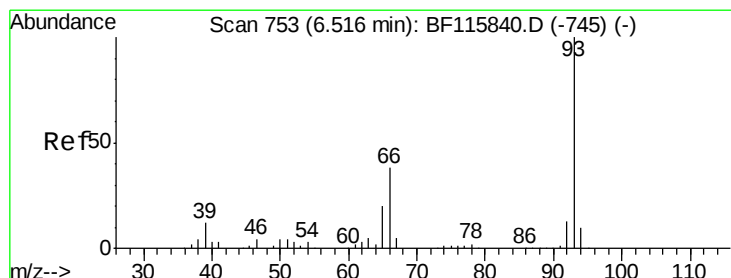
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Abundance Ion 112.00 (111.70 to 112.70): BF116260.D (-524) (-)



Time-->



#6

Aniline

Concen: 37.636 ng

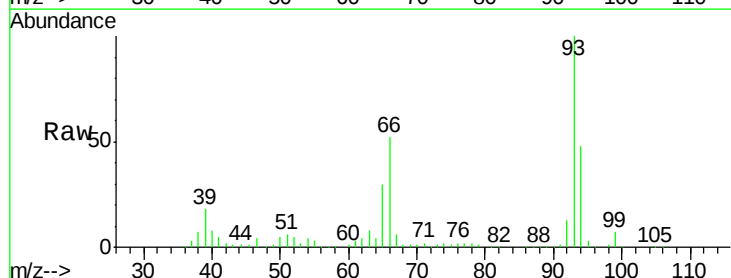
RT: 6.49 min Scan# 749

Delta R.T. -0.02 min

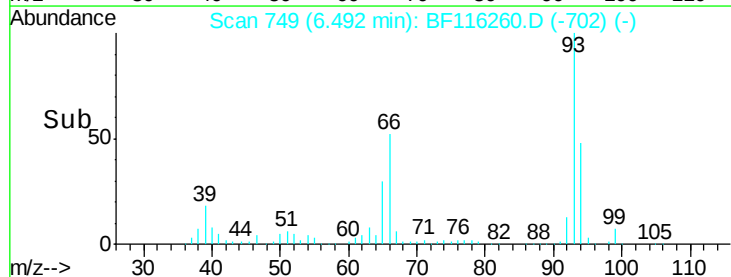
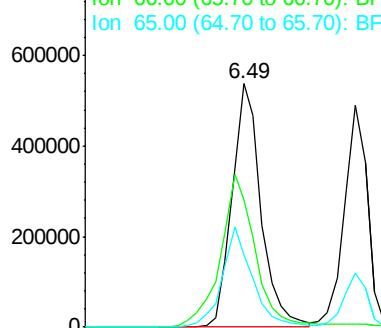
Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

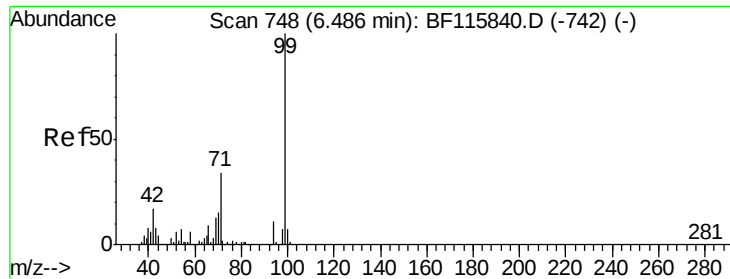
Tgt Ion:	93	Resp:	686291
Ion Ratio	Lower	Upper	
93	100		
66	52.1	32.2	48.4#
65	29.8	17.0	25.6#



Abundance Ion 93.00 (92.70 to 93.70): BF116260.D (-702) (-)



Time-->



#7

Phenol-d6

Concen: 83.263 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 1060179

Ion Ratio Lower Upper

99 100

42 16.9 13.8 20.8

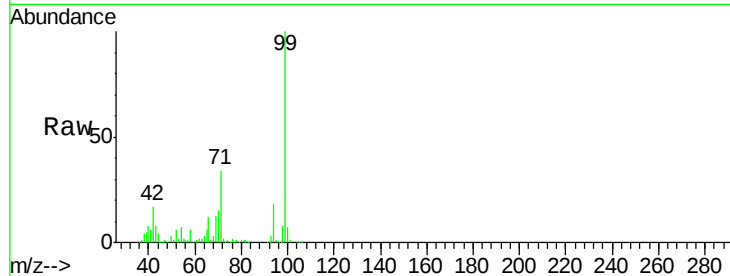
71 34.0 27.3 40.9

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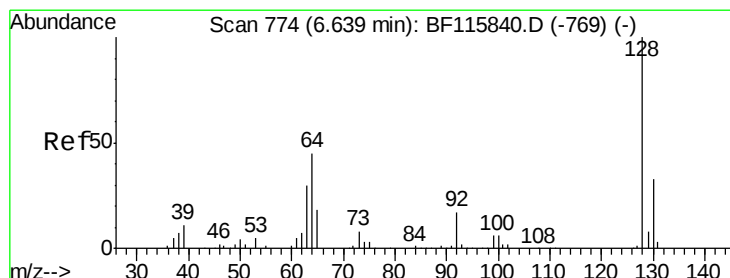
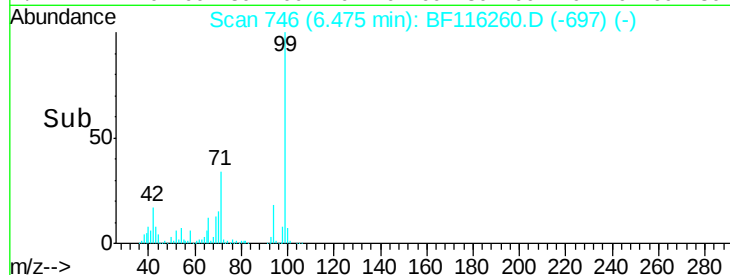
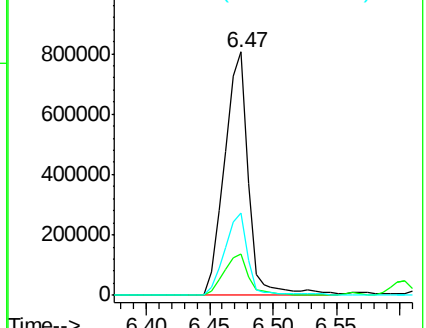
8/19/2019 10:41:45 AM



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: 42.925 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

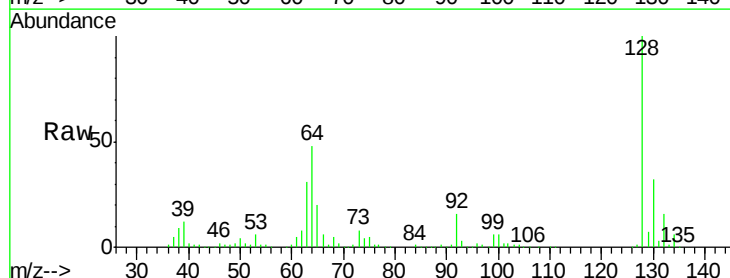
Tgt Ion: 128 Resp: 479038

Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

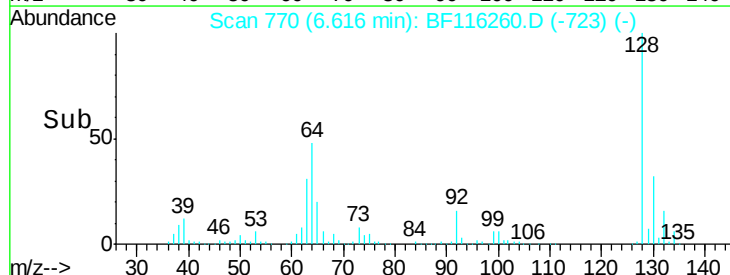
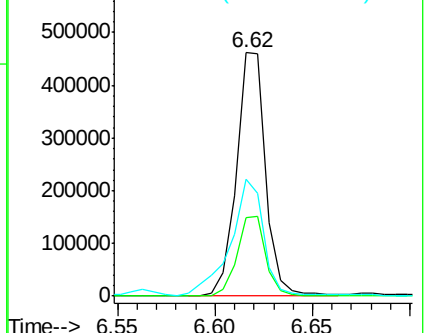
64 48.2 24.3 64.3



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: 38.087 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

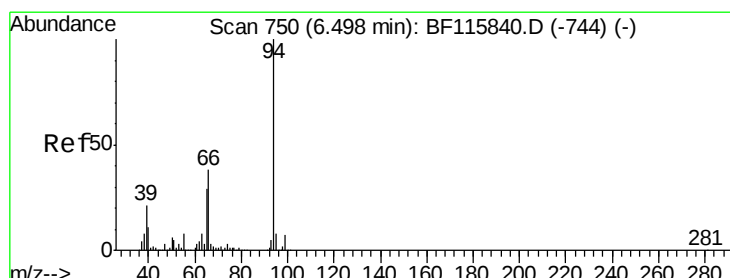
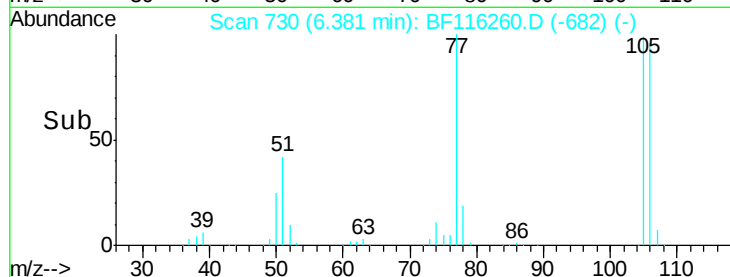
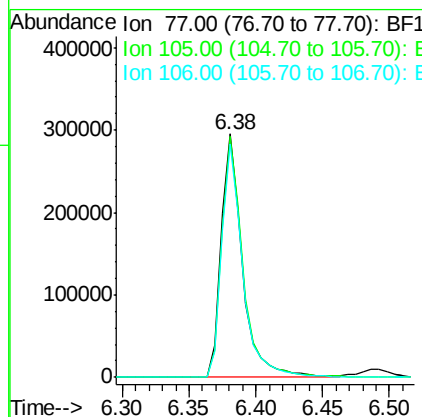
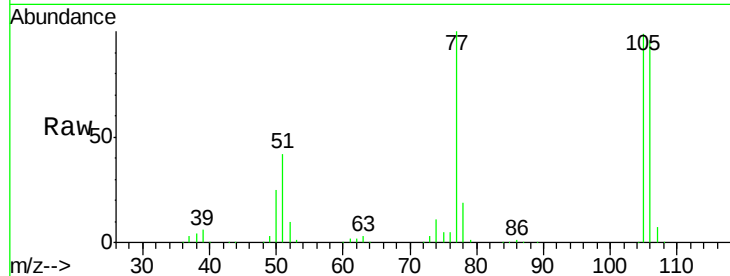
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	334612
Ion Ratio	Lower	Upper	
77	100		
105	99.2	79.2	119.2
106	95.7	74.3	114.3

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#10

Phenol

Concen: 40.440 ng

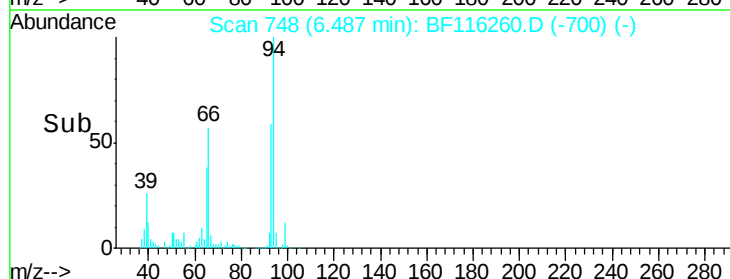
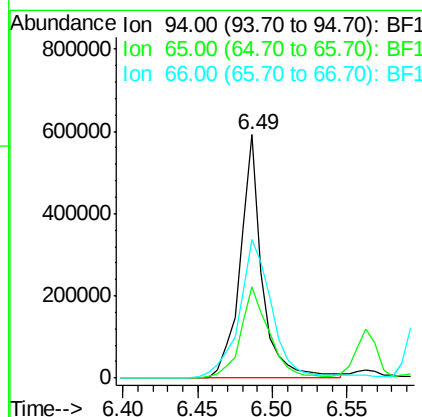
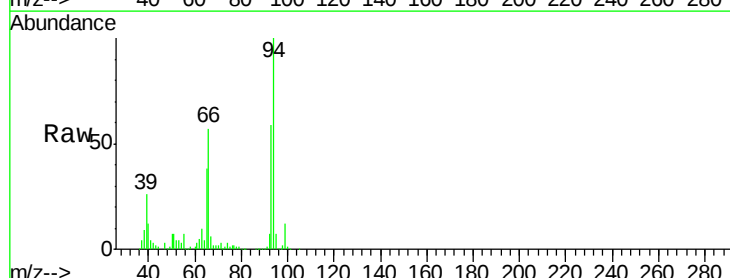
RT: 6.49 min Scan# 748

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Tgt Ion:	94	Resp:	606369
Ion Ratio	Lower	Upper	
94	100		
65	37.6	16.8	56.8
66	57.2	34.2	74.2





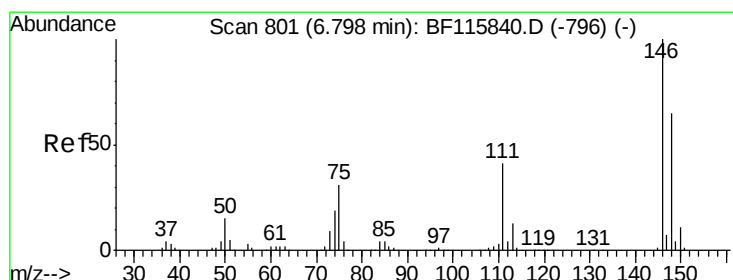
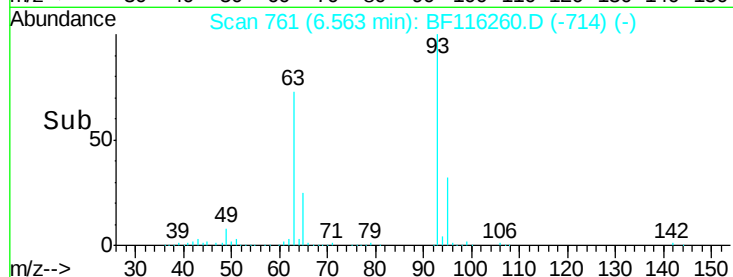
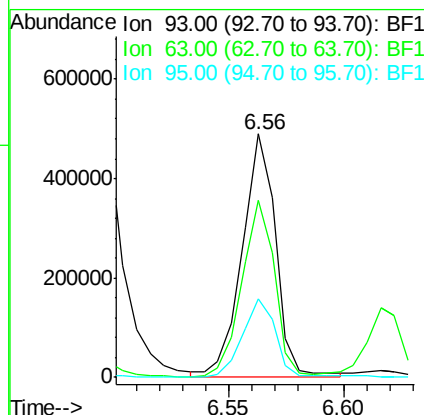
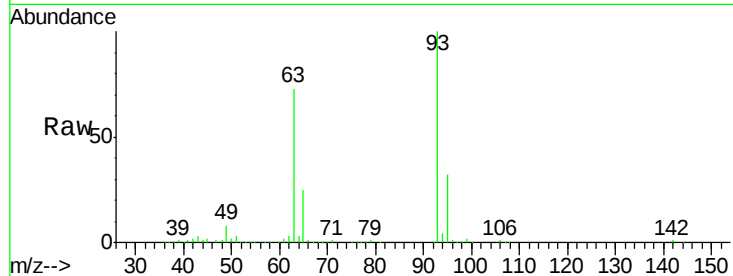
#11
bis(2-Chloroethyl)ether
Concen: 45.338 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.9	51.9	91.9
95	32.4	13.0	53.0

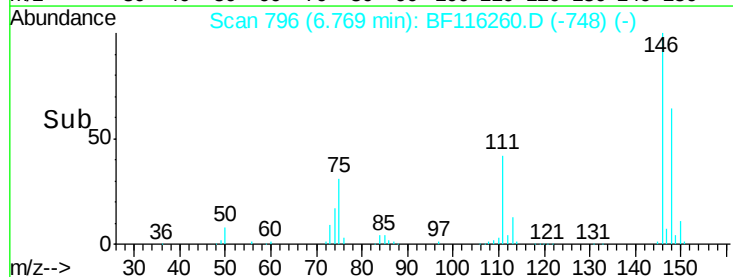
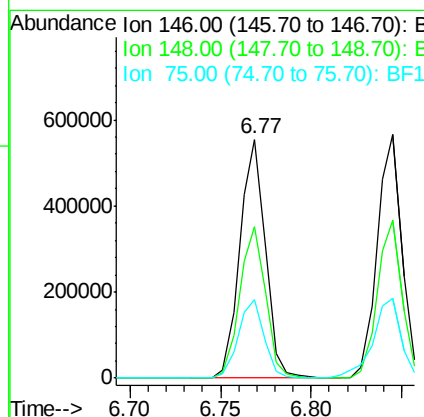
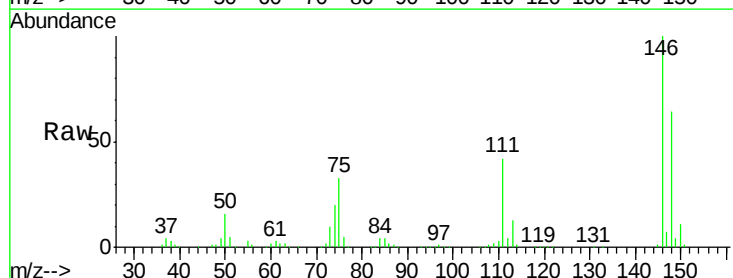
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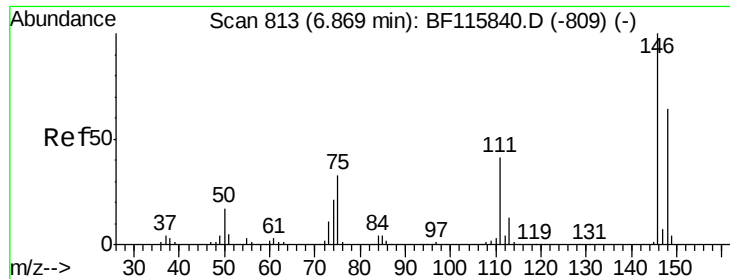
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.024 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.3	76.9
75	33.0	27.4	41.2





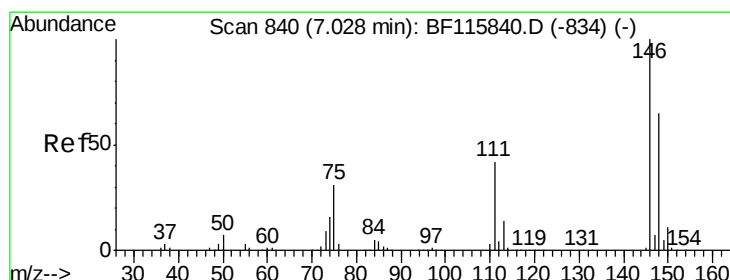
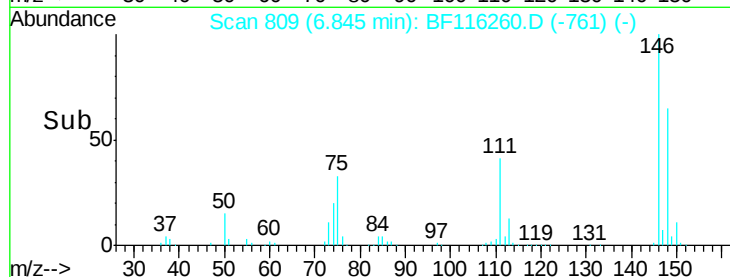
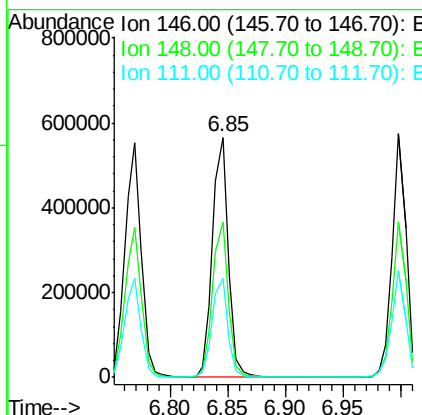
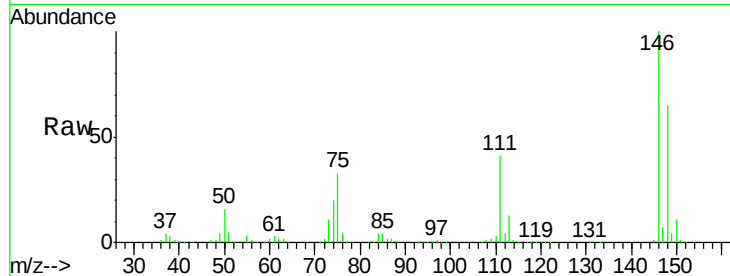
#13
1,4-Dichlorobenzene
Concen: 41.947 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.3	76.9
111	41.2	34.0	51.0

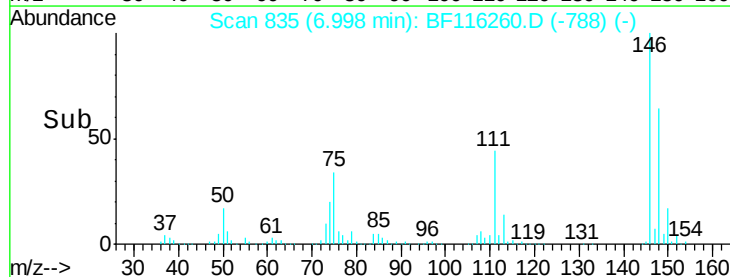
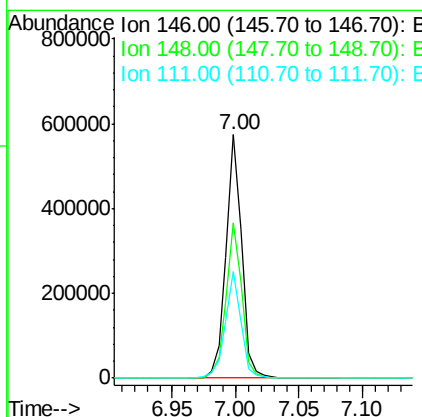
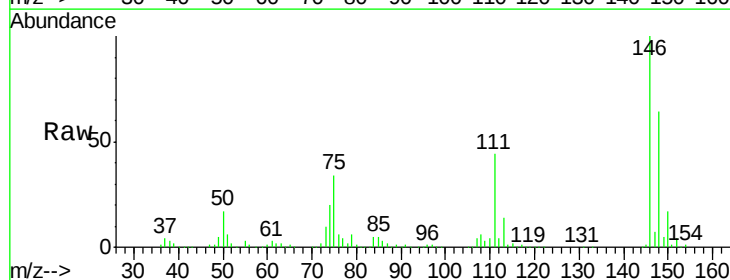
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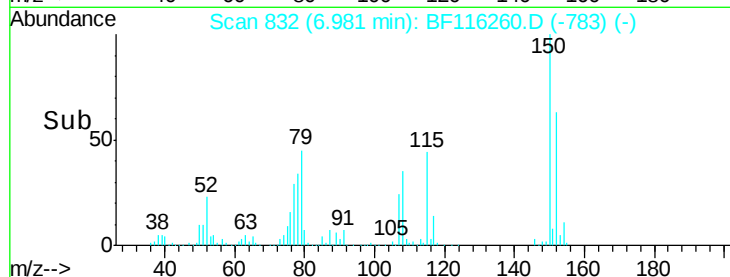
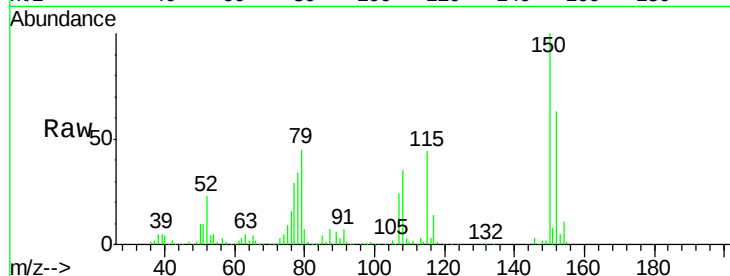
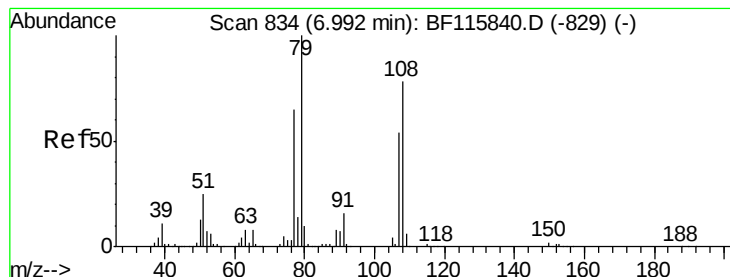
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#14
1,2-Dichlorobenzene
Concen: 41.350 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	51.2	76.8
111	43.6	33.5	50.3





#15

Benzyl Alcohol

Concen: 40.213 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Tot Ion:	79	Resp:	388576
Ion Ratio	Lower	Upper	
79	100		
108	77.9	62.7	94.1
77	65.1	52.2	78.2

Instrument :

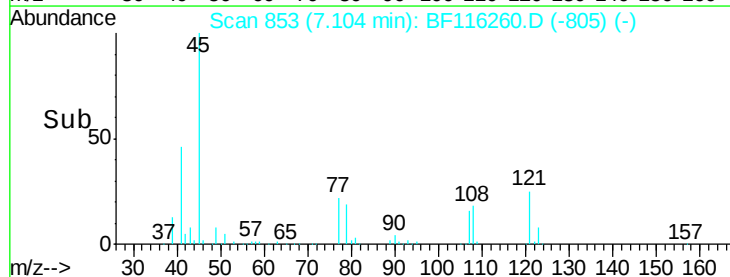
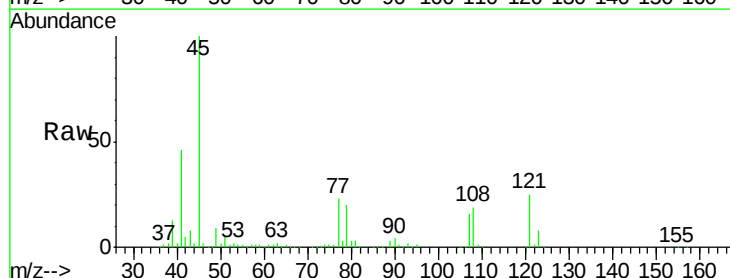
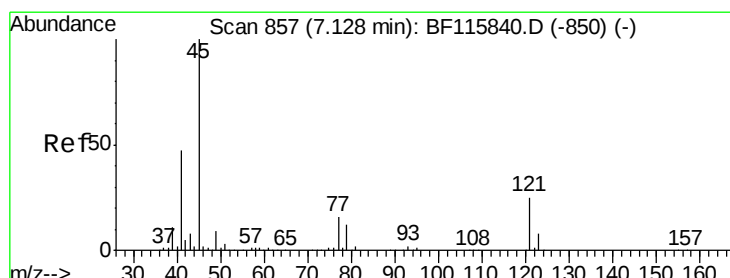
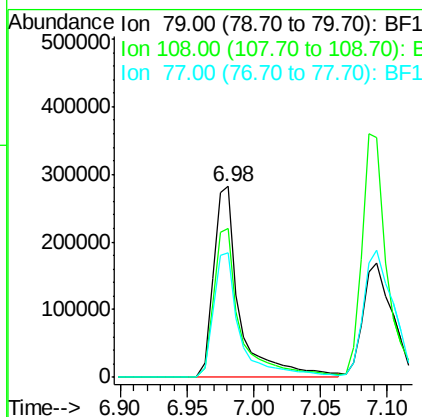
BNA_F

ClientSampleId :

SSTDCCC040

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.314 ng

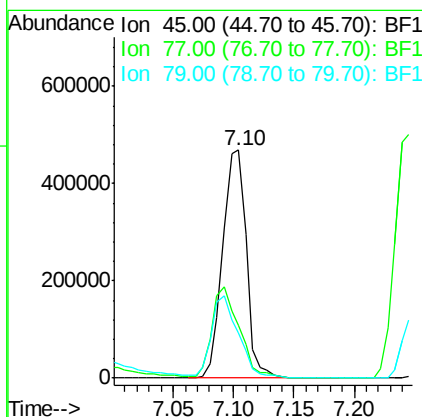
RT: 7.10 min Scan# 853

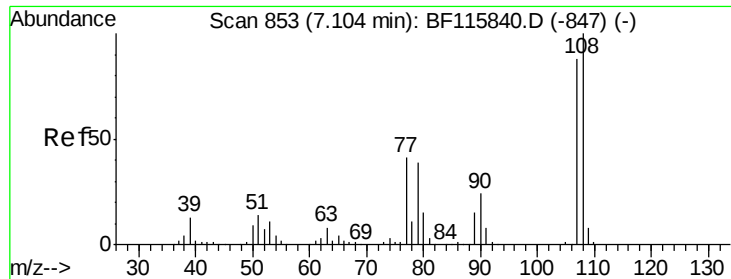
Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Tgt Ion:	45	Resp:	636258
Ion Ratio	Lower	Upper	
45	100		
77	23.4	0.0	40.0
79	19.8	0.0	35.9





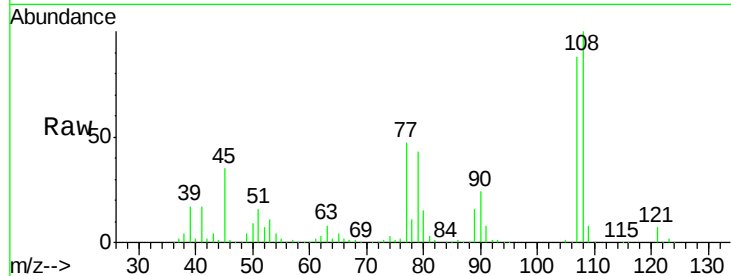
#17
2-Methylphenol
Concen: 42.810 ng
RT: 7.09 min Scan# 850
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.1	91.2	136.8	
77	53.1	40.3	60.5	
79	49.0	37.6	56.4	

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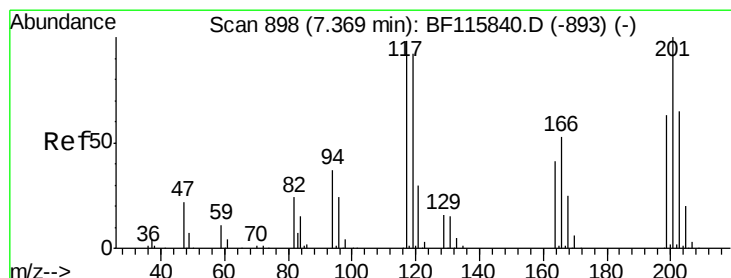
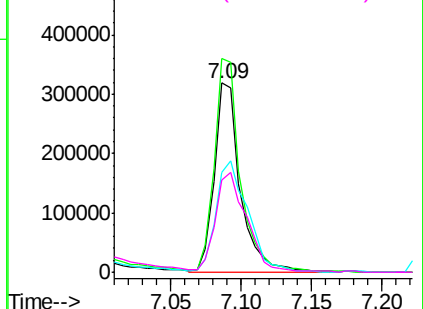
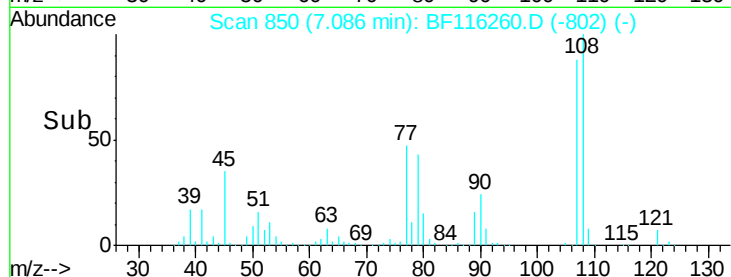
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

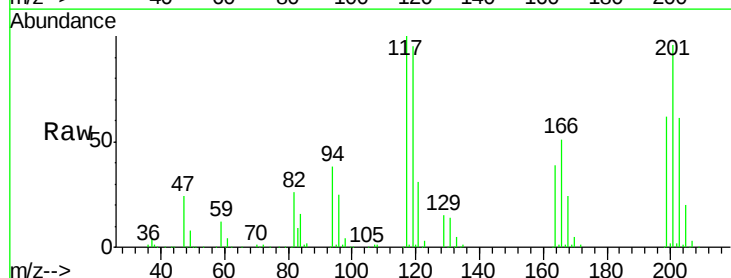
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.335 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	76.1	114.1	
201	96.1	77.0	115.4	

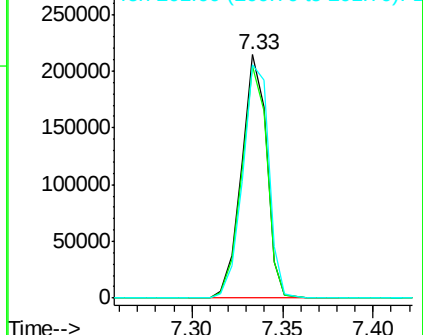
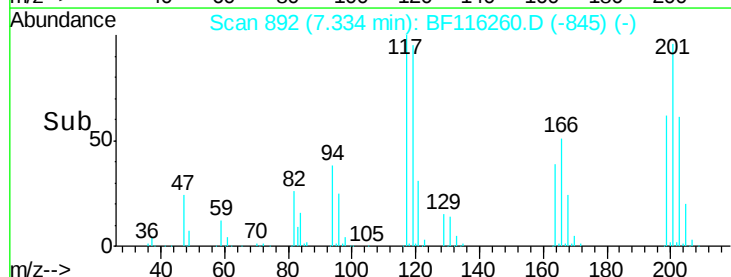


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





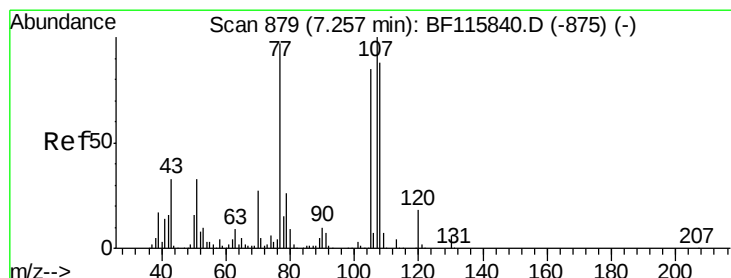
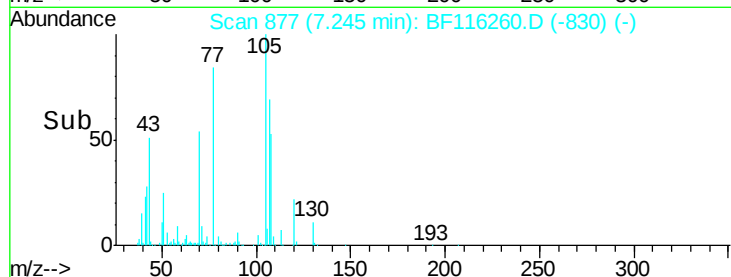
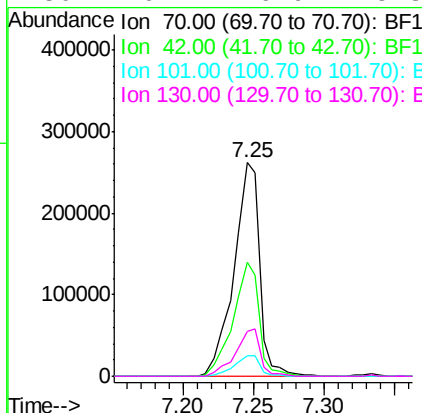
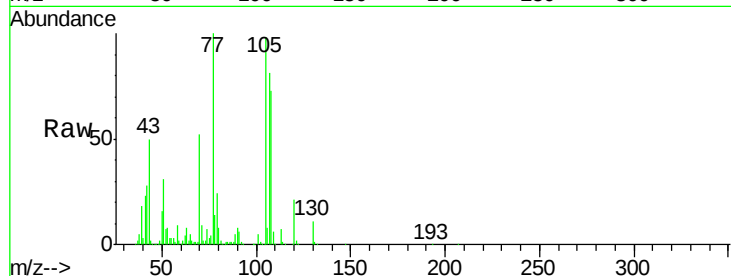
#19
n-Nitroso-di-n-propylamine
Concen: 42.189 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	53.4		40.9	61.3	
101	9.7		7.9	11.9	
130	20.7		16.9	25.3	

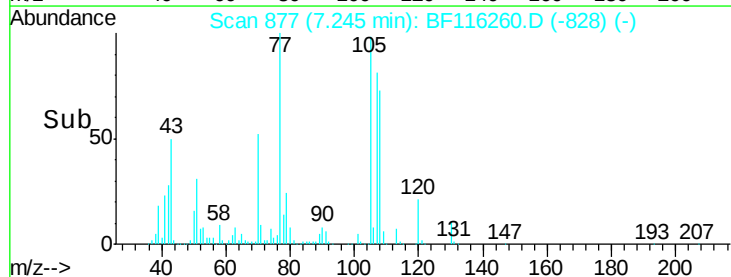
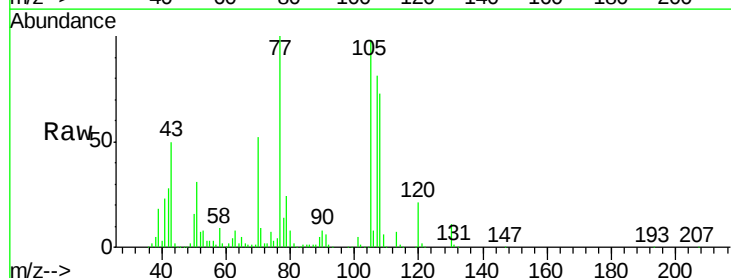
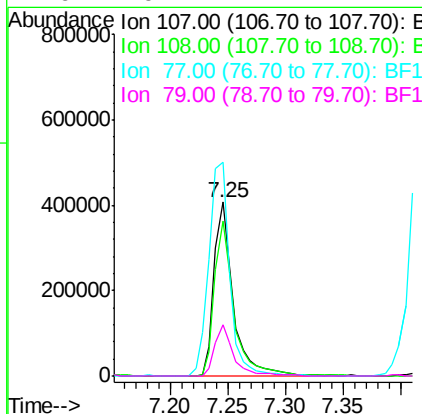
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#20
3+4-Methylphenols
Concen: 41.999 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.01 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.5		67.6	107.6	
77	123.0		104.4	144.4	
79	29.4		7.4	47.4	





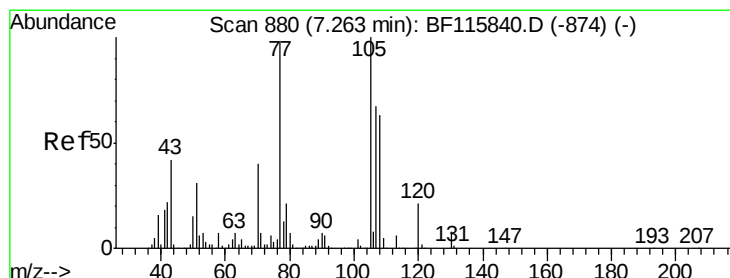
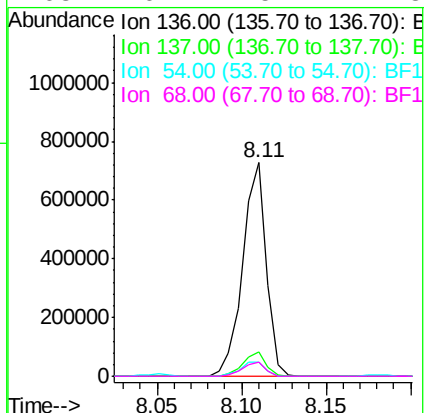
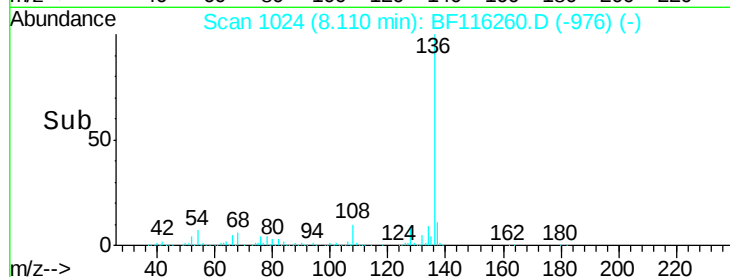
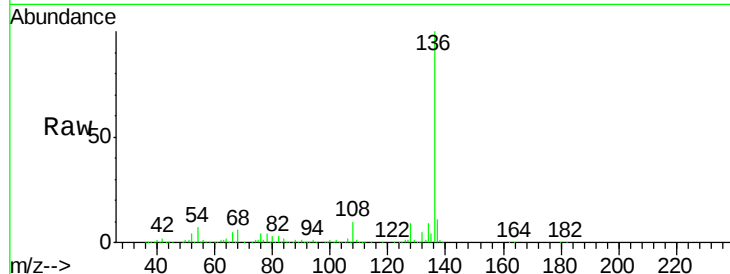
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		710087		
137	11.1		9.0	13.4	
54	6.8		5.8	8.6	
68	6.4		5.2	7.8	

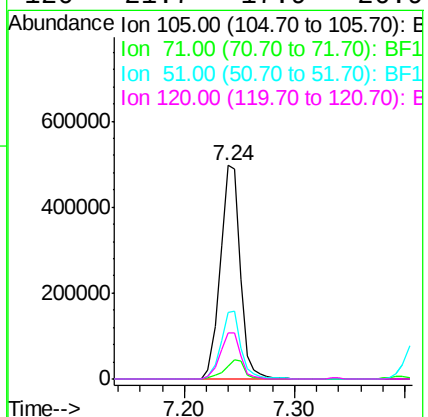
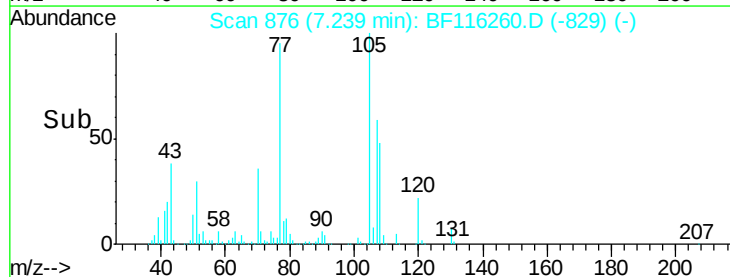
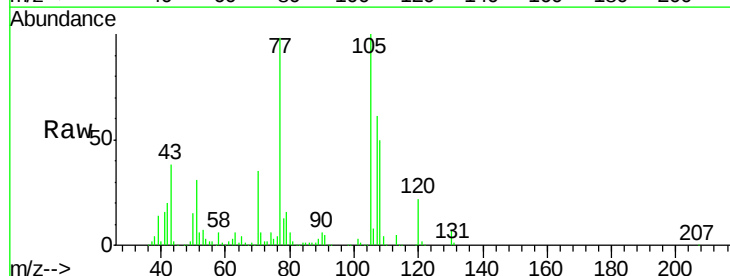
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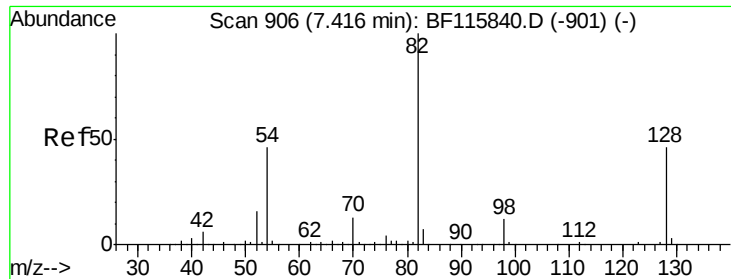
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#22
Acetophenone
Concen: 40.338 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		628186		
71	6.2		5.9	8.9	
51	31.1		25.3	37.9	
120	21.7		17.9	26.9	





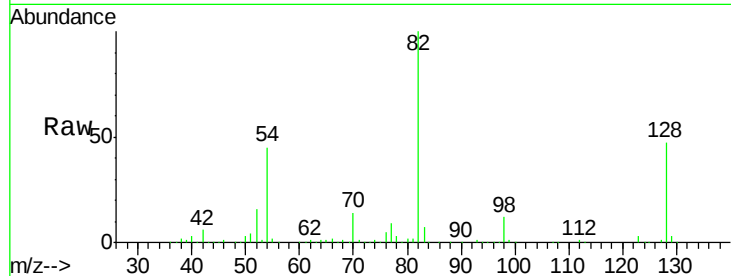
#23
Nitrobenzene-d5
Concen: 80.938 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

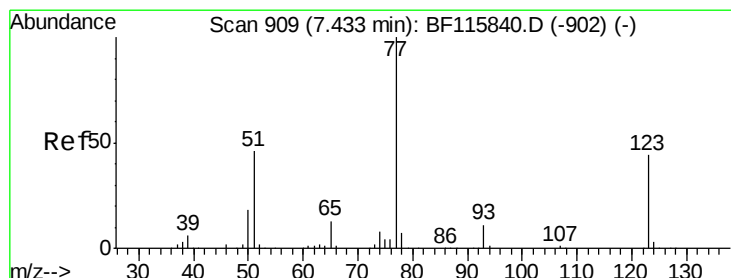
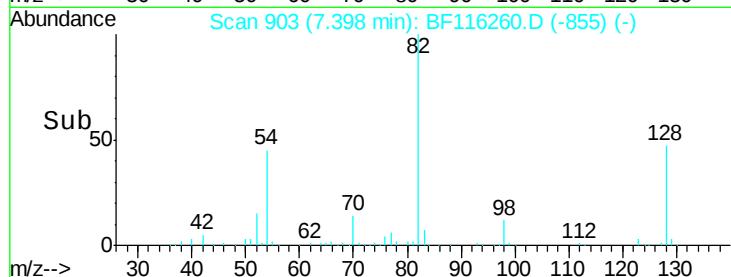
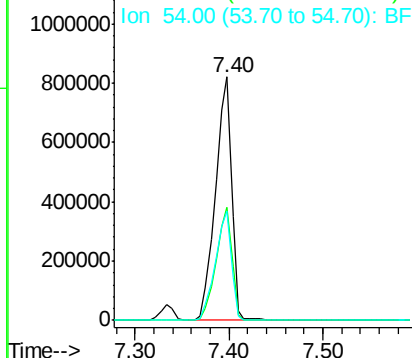
Tot Ion	Ratio	Resp	Lower	Upper
82	100	995662		
128	46.6	36.5	54.7	
54	44.7	36.0	54.0	

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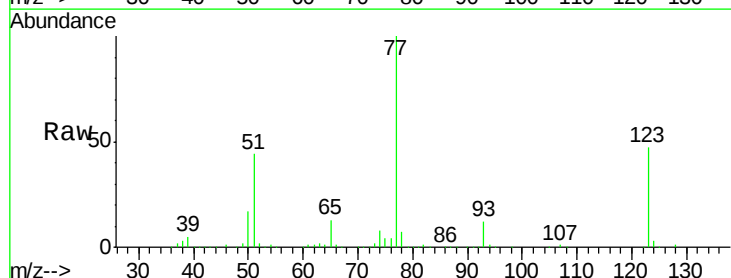


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

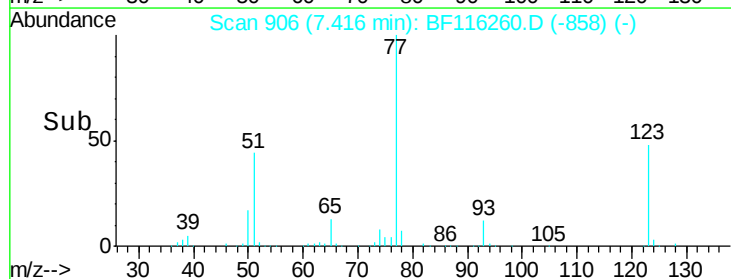
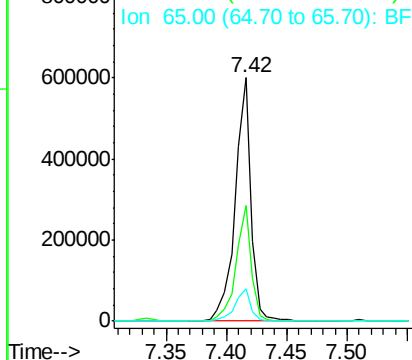


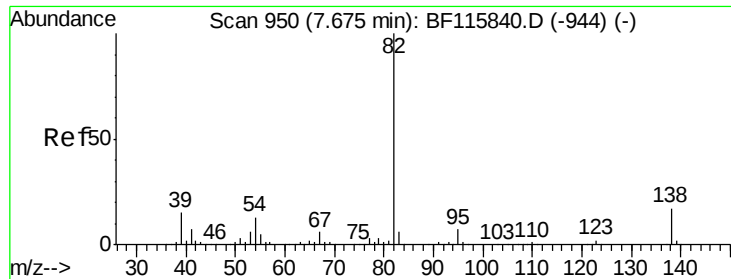
#24
Nitrobenzene
Concen: 41.020 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	544869		
123	47.2	36.7	55.1	
65	13.3	10.6	16.0	



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 123.00 (122.70 to 123.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.421 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 82 Resp: 1021363

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.0

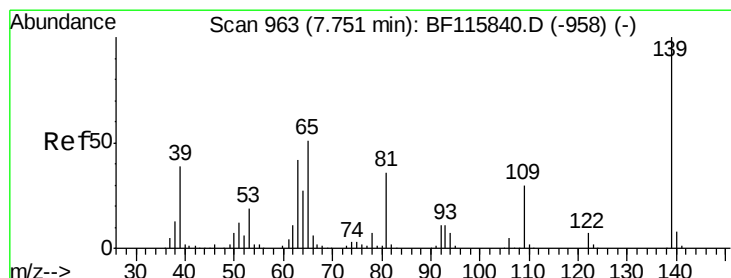
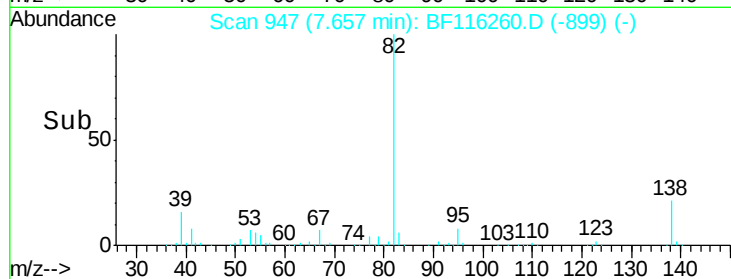
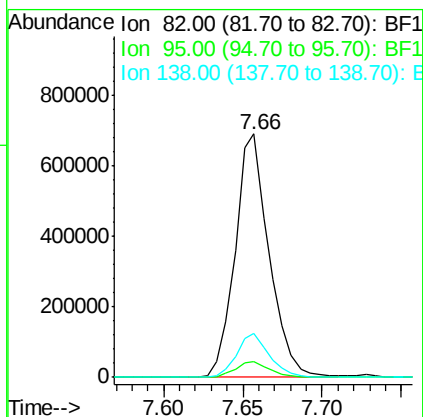
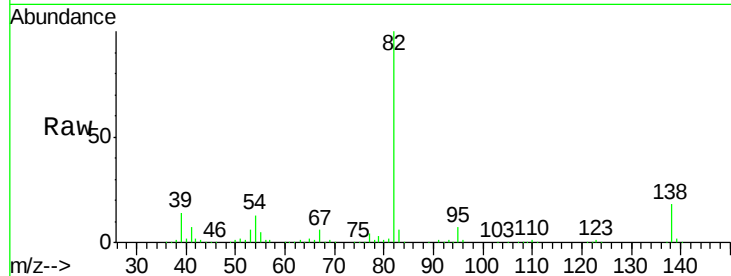
138 17.9 14.5 21.7

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#26

2-Nitrophenol

Concen: 44.258 ng

RT: 7.73 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

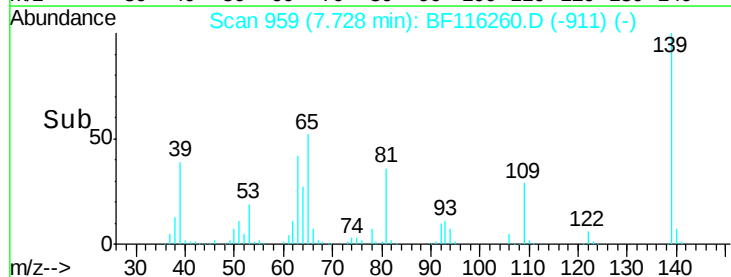
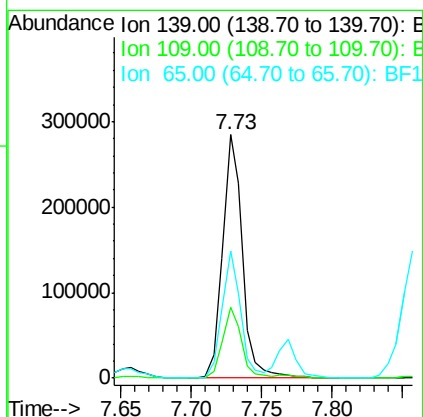
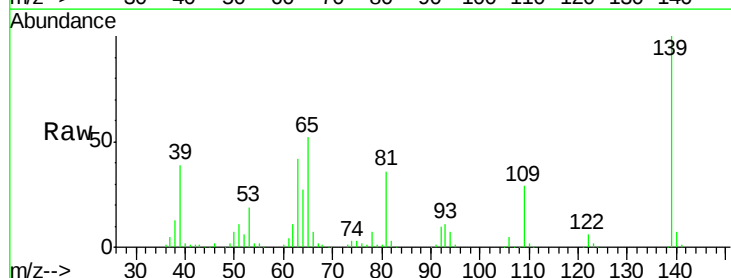
Tgt Ion: 139 Resp: 277111

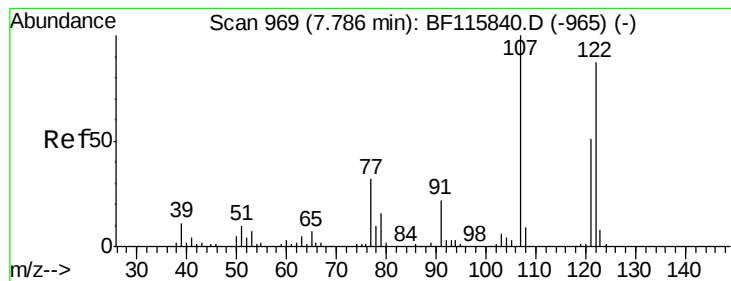
Ion Ratio Lower Upper

139 100

109 28.9 23.4 35.2

65 52.1 41.1 61.7





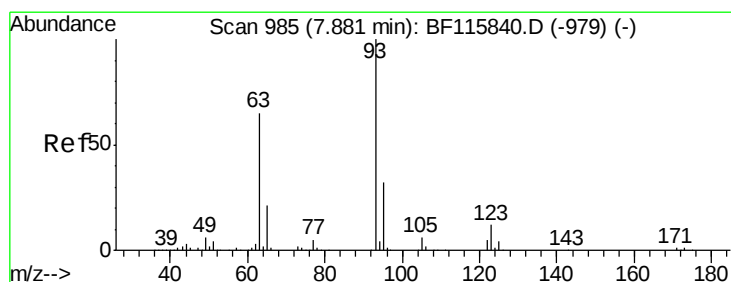
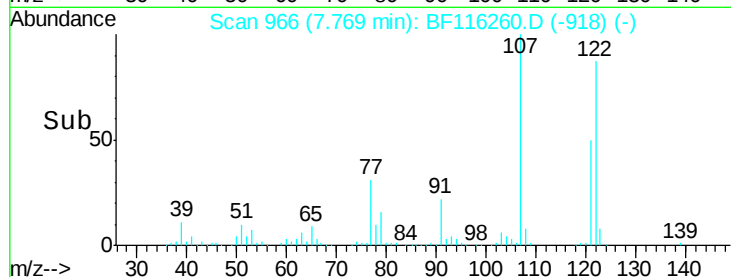
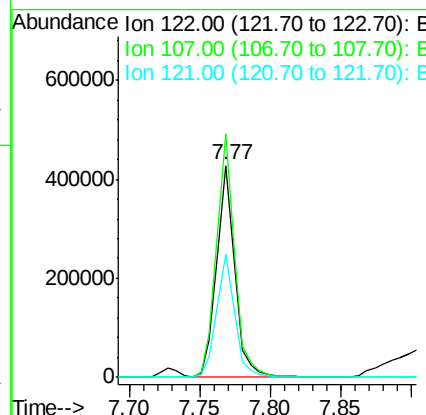
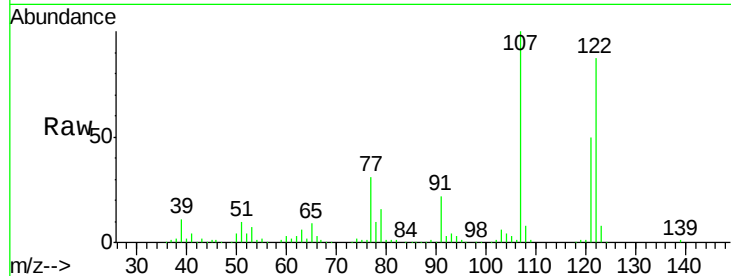
#27
2,4-Dimethylphenol
Concen: 41.240 ng
RT: 7.77 min Scan# 966
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	388486		
107	114.9	93.0	139.6	
121	57.9	47.6	71.4	

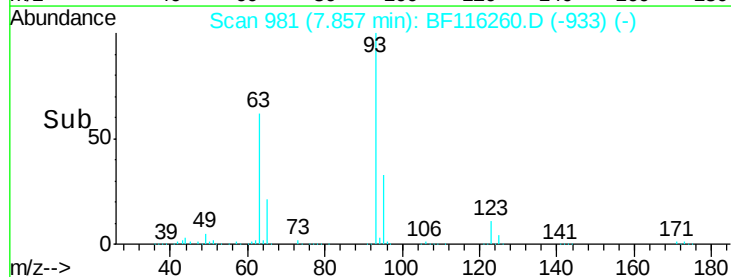
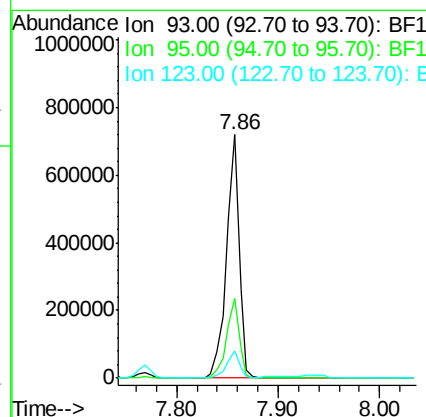
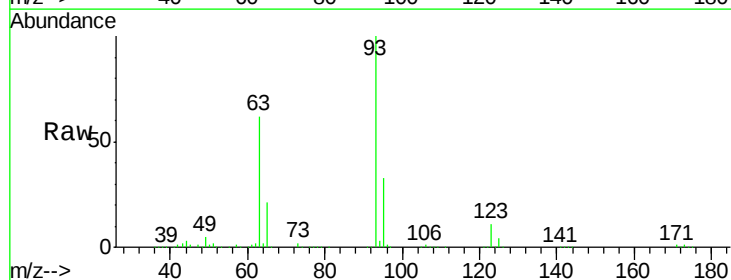
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#28
bis(2-Chloroethoxy)methane
Concen: 43.120 ng
RT: 7.86 min Scan# 981
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	628674		
95	32.8	26.2	39.4	
123	11.4	9.2	13.8	





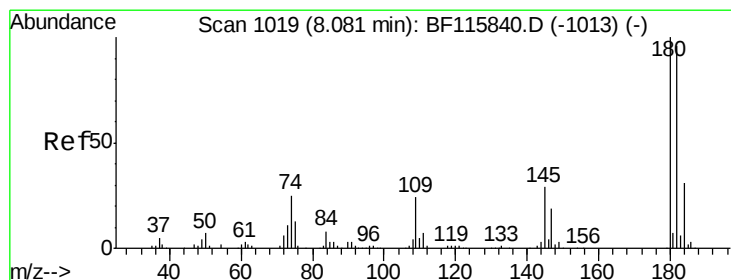
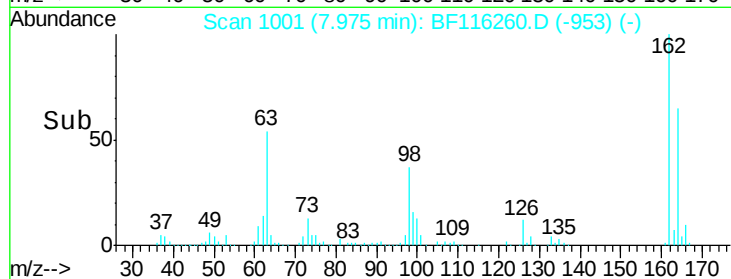
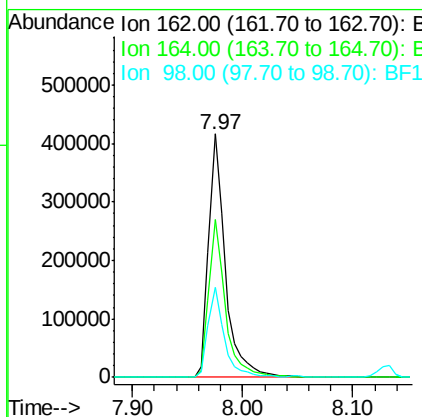
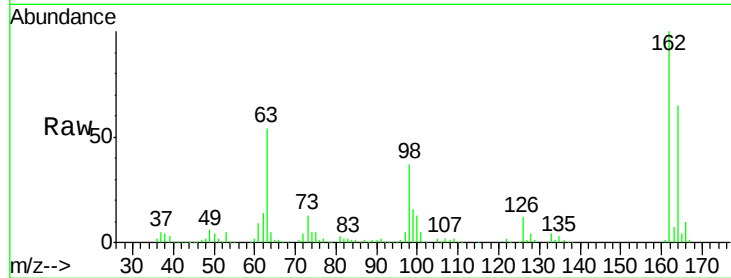
#29
2,4-Dichlorophenol
Concen: 43.037 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleID :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	428062		
164	65.0	45.1	85.1	
98	36.7	15.8	55.8	

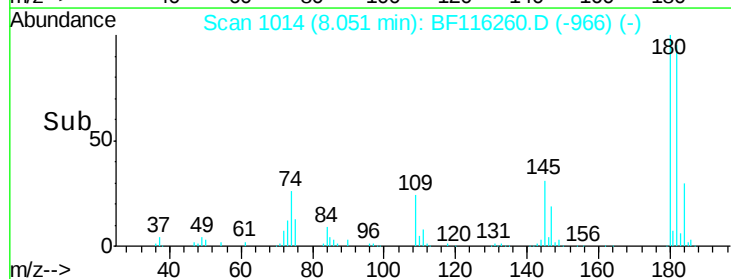
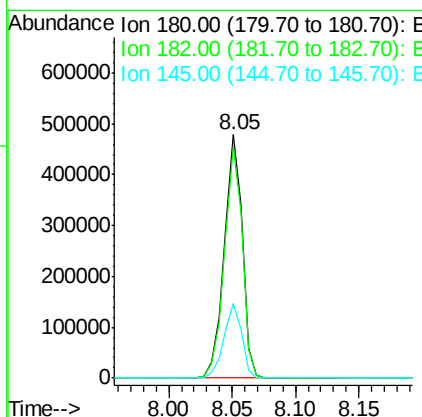
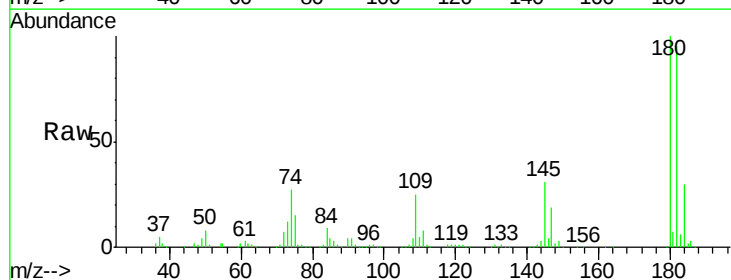
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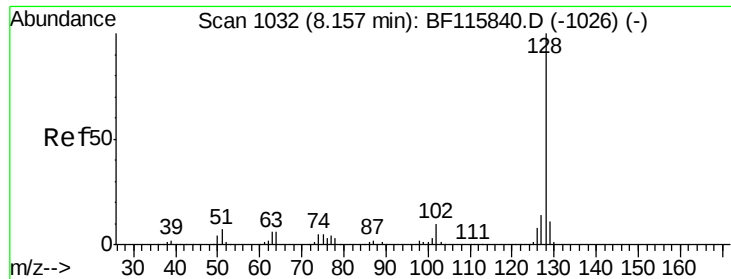
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#30
1,2,4-Trichlorobenzene
Concen: 41.605 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	471707		
182	94.8	75.7	113.5	
145	30.6	24.3	36.5	





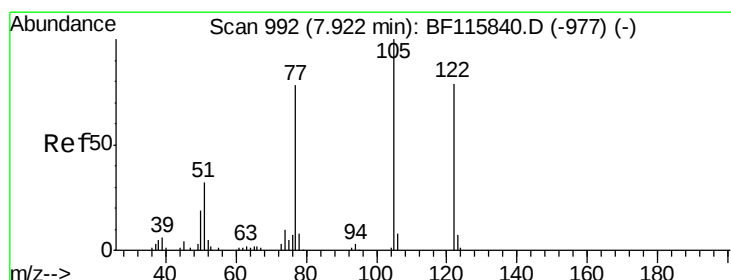
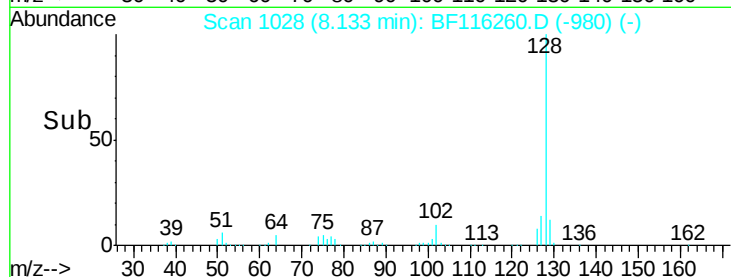
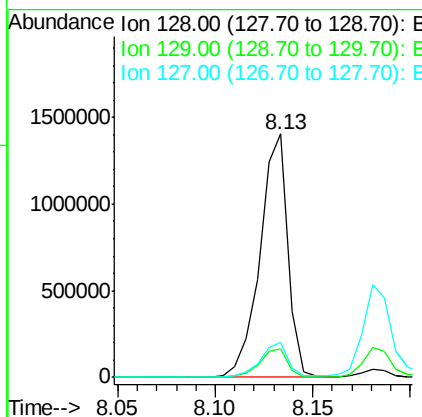
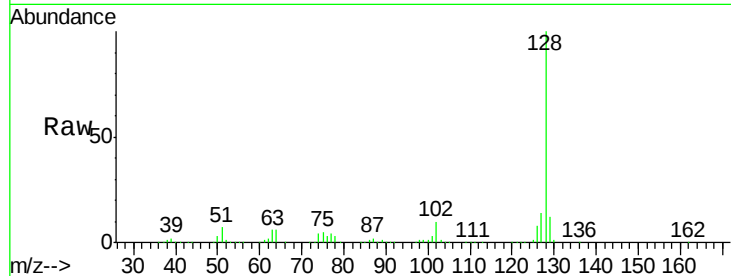
#31
Naphthalene
Concen: 41.528 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 1387657
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 14.2 11.4 17.0

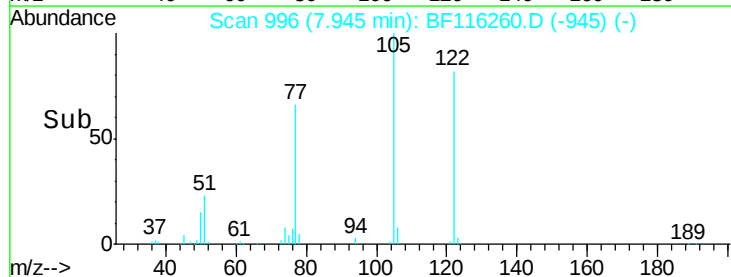
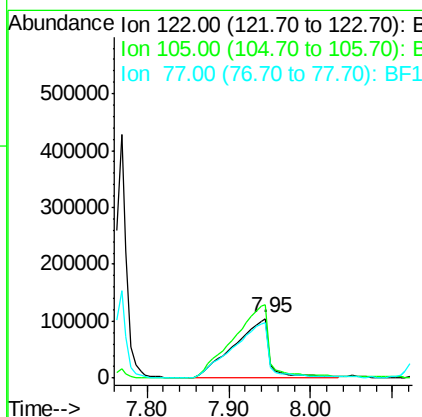
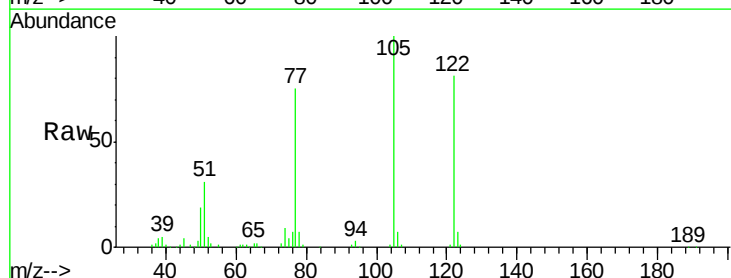
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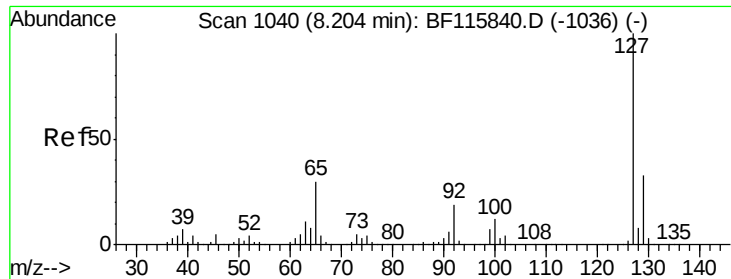
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#32
Benzoic acid
Concen: 48.132 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.00 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion:122 Resp: 319665
Ion Ratio Lower Upper
122 100
105 123.5 106.1 146.1
77 93.0 76.7 116.7





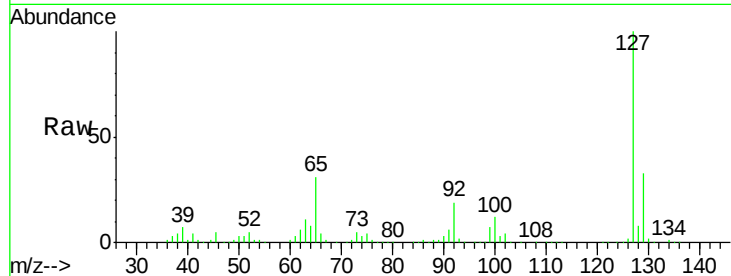
#33
4-Chloroaniline
Concen: 37.514 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

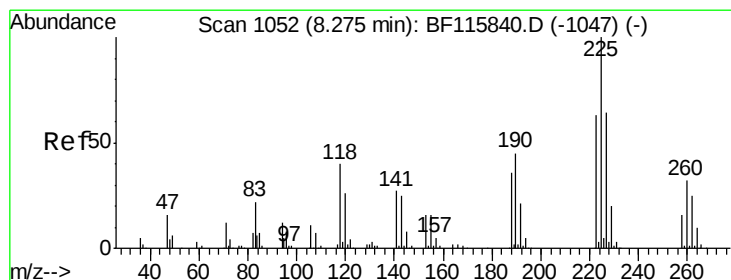
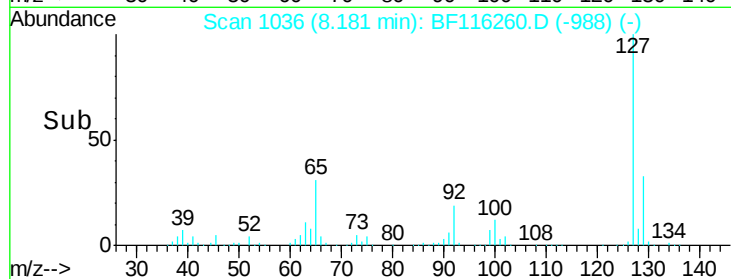
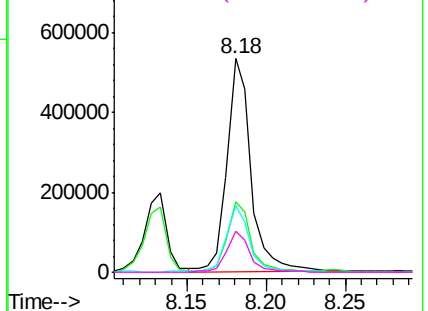
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		560096		
129	32.7	26.1	39.1		
65	31.0	24.9	37.3		
92	19.5	15.7	23.5		

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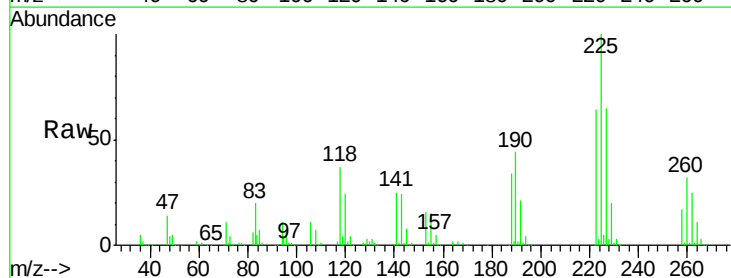


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

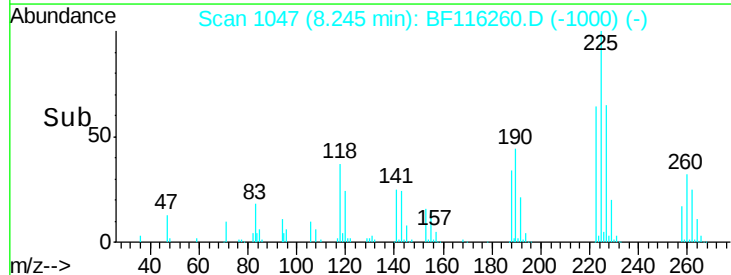
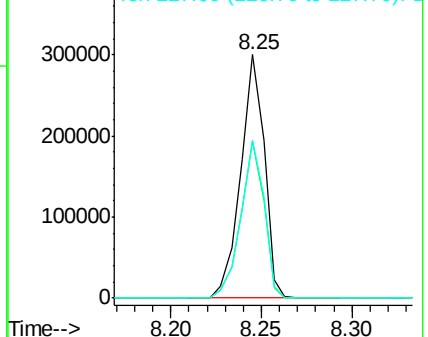


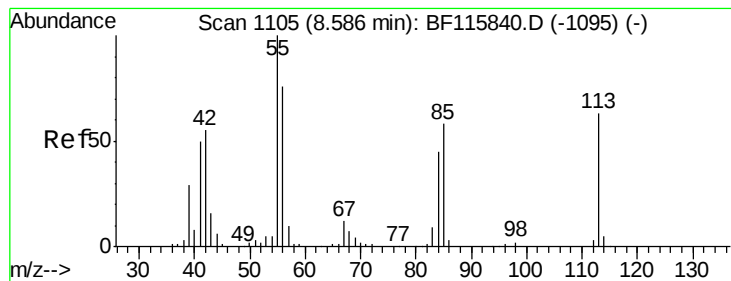
#34
Hexachlorobutadiene
Concen: 41.642 ng
RT: 8.25 min Scan# 1047
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		271946		
223	64.1	50.0	75.0		
227	64.6	51.0	76.4		



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: 40.812 ng/ml

RT: 8.57 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

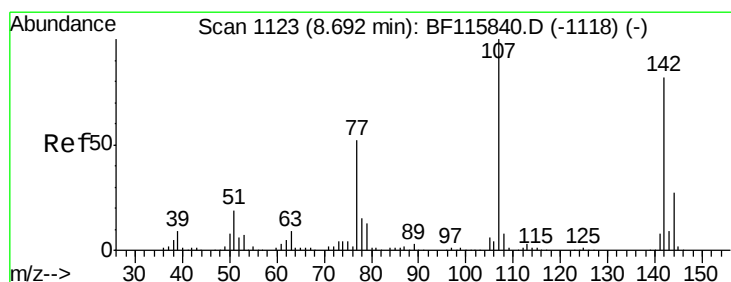
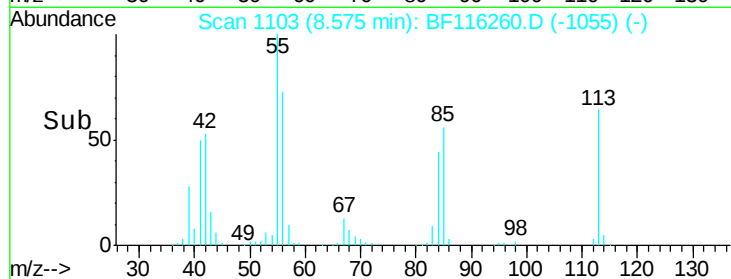
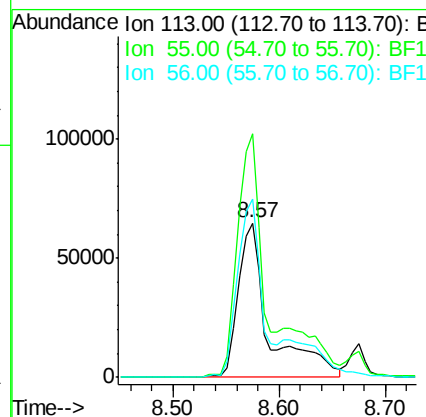
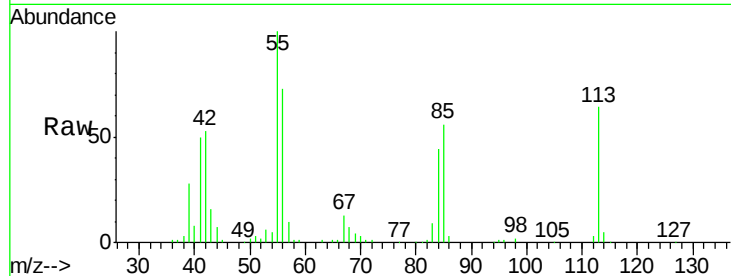
ClientSampleId :

SSTDCCC040

Tot Ion:	113	Resp:	131289
Ion Ratio	Lower	Upper	
113	100		
55	157.5	144.3	184.3
56	115.3	97.1	137.1

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#36

4-Chloro-3-methylphenol

Concen: 42.461 ng/ml

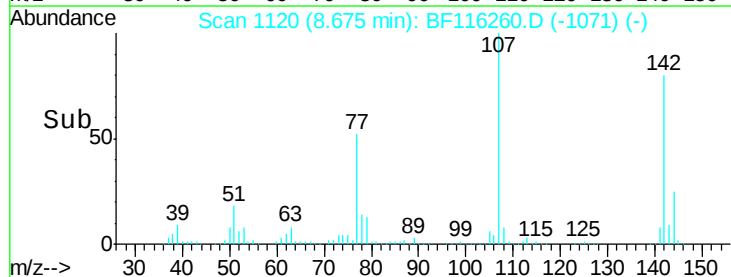
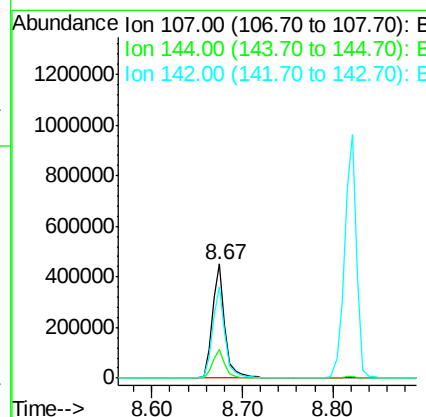
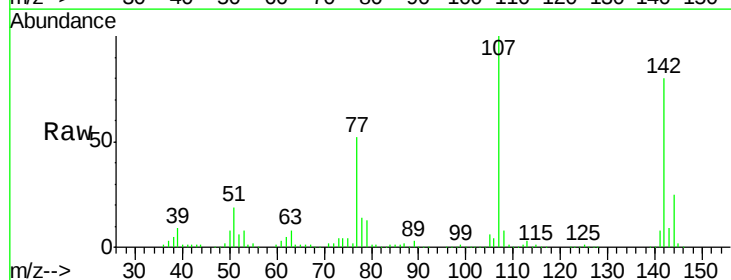
RT: 8.67 min Scan# 1120

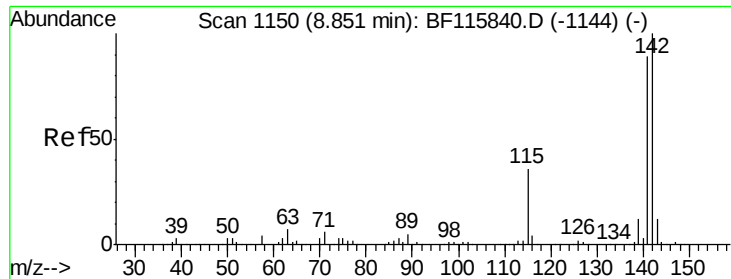
Delta R.T. -0.01 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Tgt Ion:	107	Resp:	439358
Ion Ratio	Lower	Upper	
107	100		
144	25.4	20.2	30.2
142	79.9	61.7	92.5





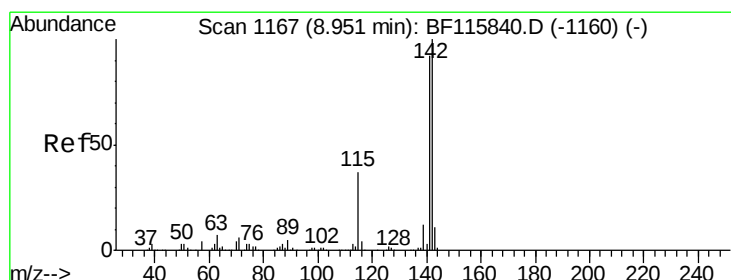
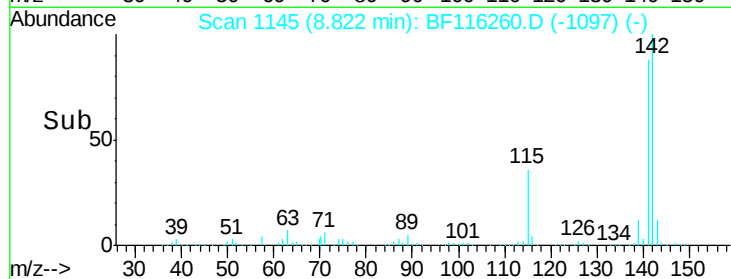
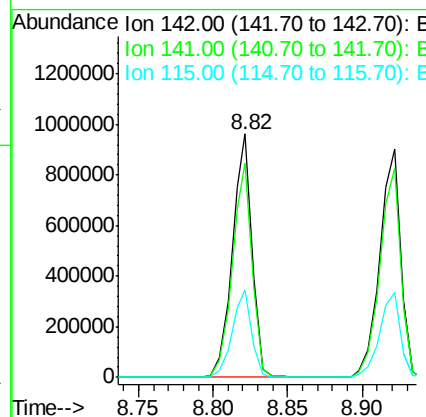
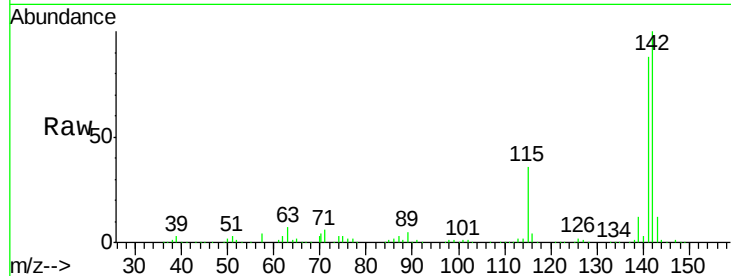
#37
2-Methylnaphthalene
Concen: 40.783 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.9	106.3
115	36.0	29.0	43.6

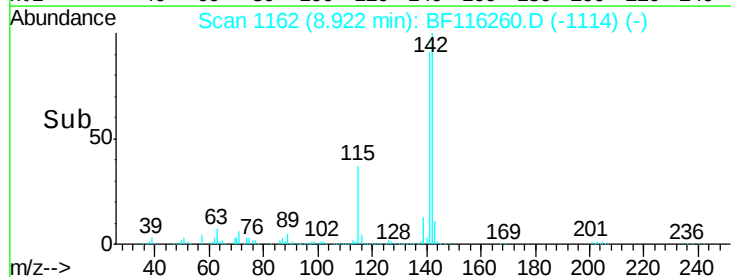
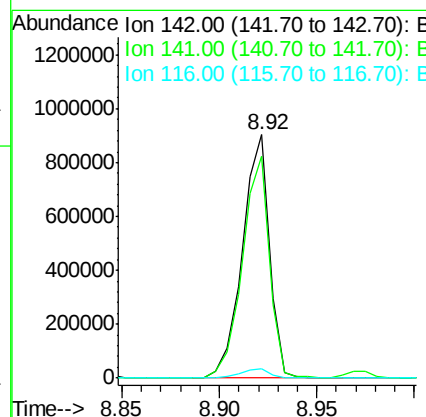
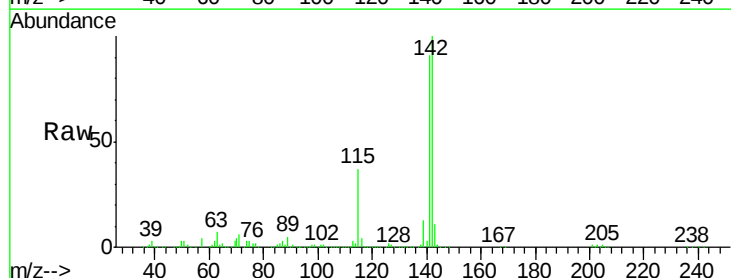
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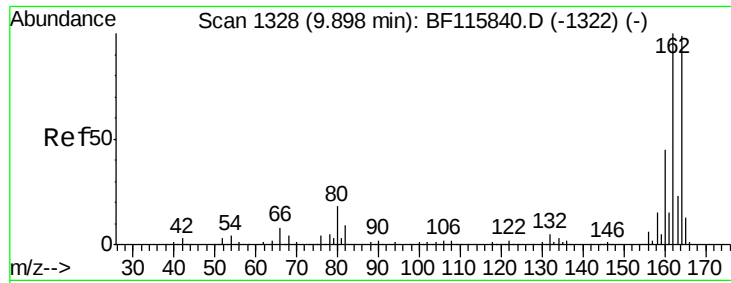
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#38
1-Methylnaphthalene
Concen: 41.573 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	74.4	111.6
116	3.8	3.1	4.7





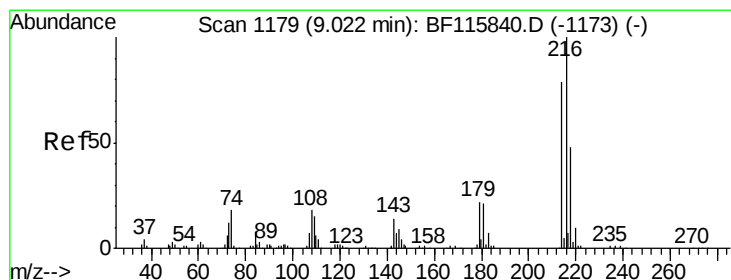
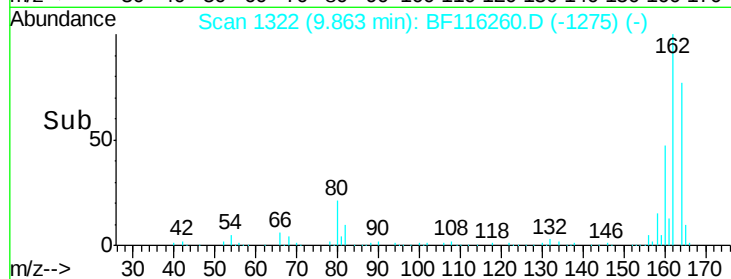
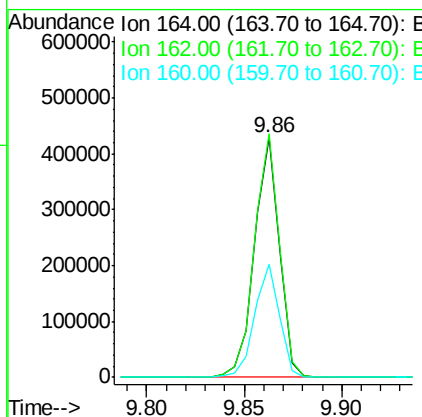
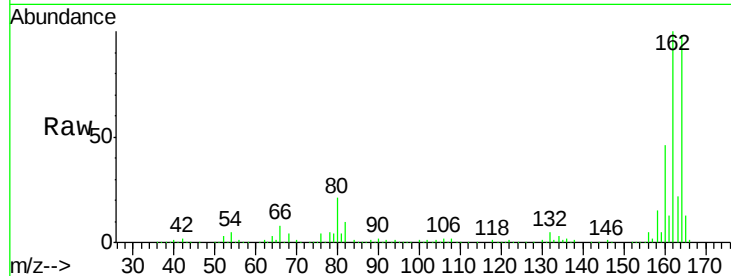
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.6	124.0
160	47.0	37.6	56.4

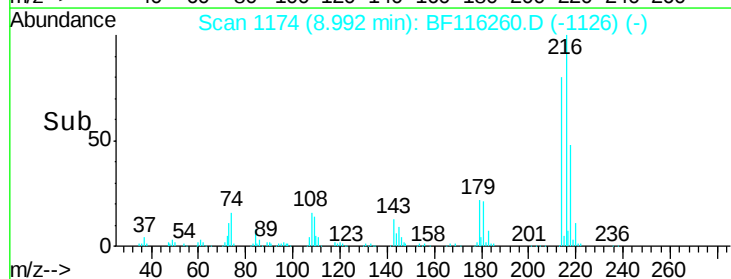
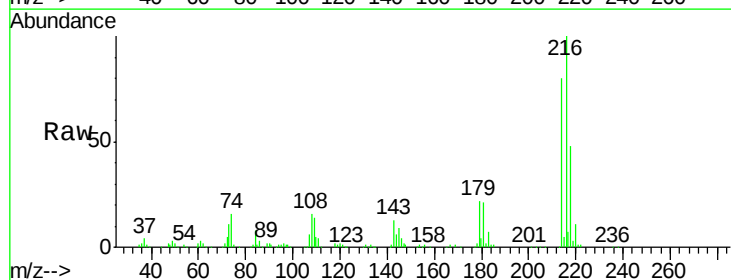
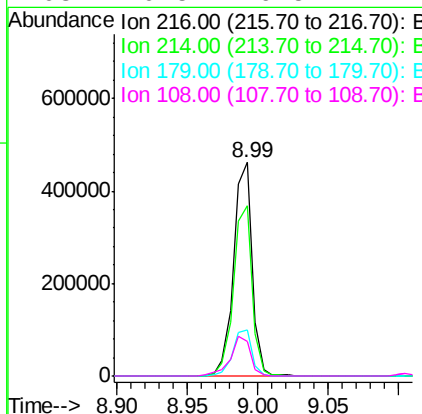
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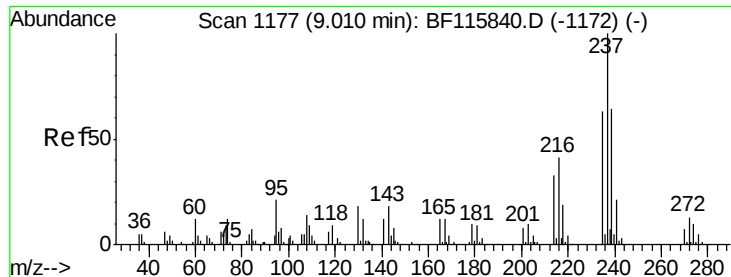
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.874 ng
RT: 8.99 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	63.6	95.4
179	22.1	17.8	26.8
108	20.5	16.5	24.7





#41

Hexachlorocyclopentadiene

Concen: 42.419 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

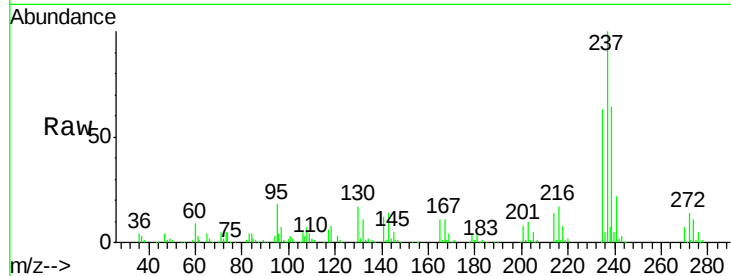
ClientSampleId :

SSTDCCC040

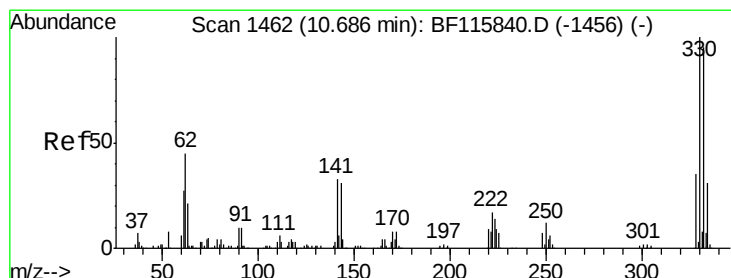
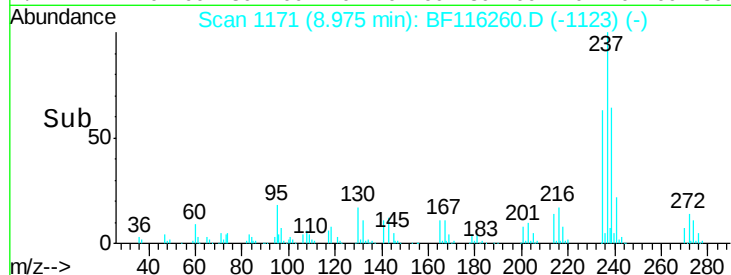
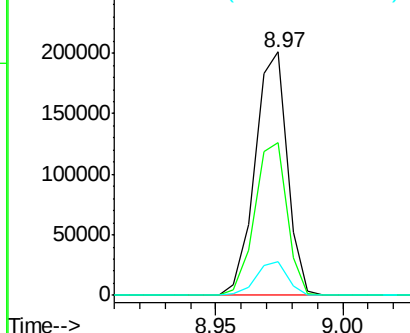
Tot Ion:	237	Resp:	178913
Ion Ratio	Lower	Upper	
237	100		
235	62.7	43.4	83.4
272	13.8	0.0	33.2

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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: 82.715 ng

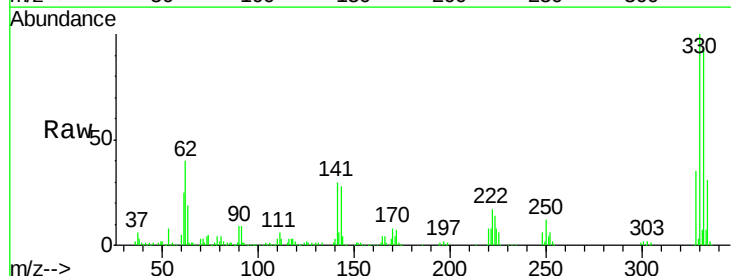
RT: 10.66 min Scan# 1457

Delta R.T. -0.02 min

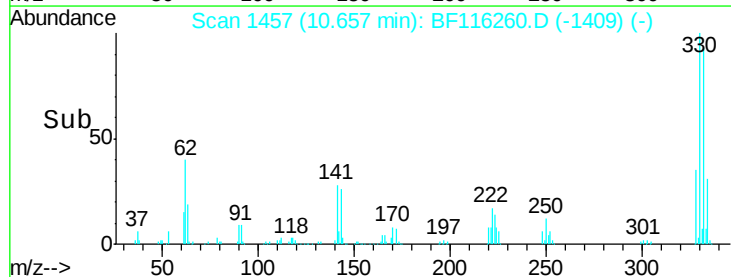
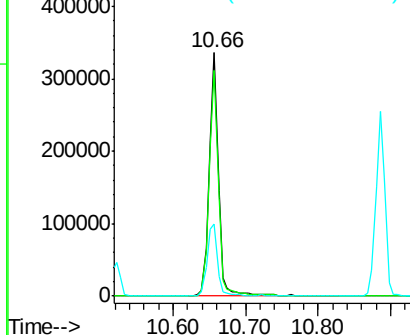
Lab File: BF116260.D

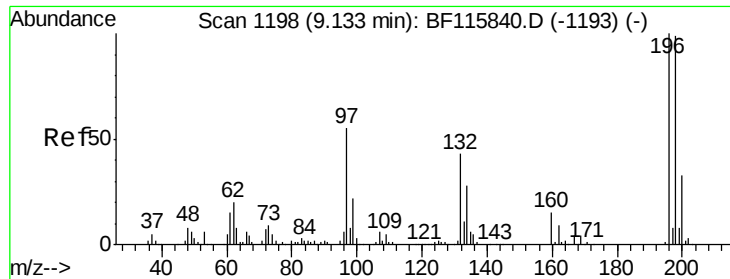
Acq: 14 Aug 2019 13:30

Tgt Ion:	330	Resp:	303306
Ion Ratio	Lower	Upper	
330	100		
332	94.2	76.8	115.2
141	33.1	26.3	39.5



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





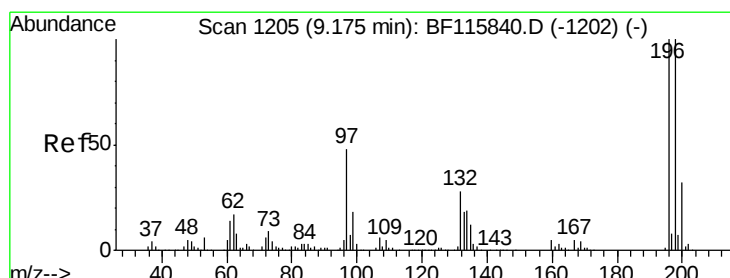
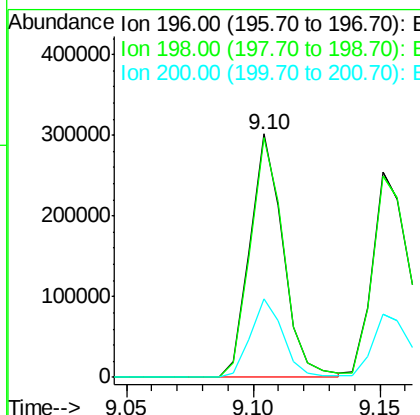
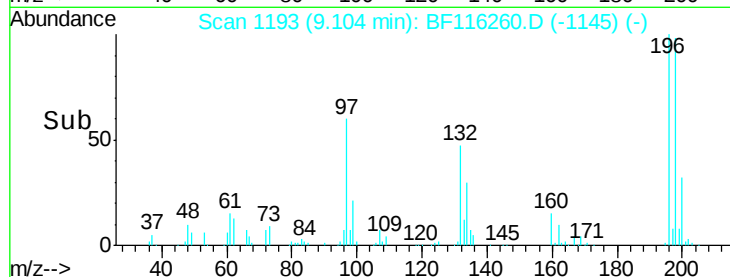
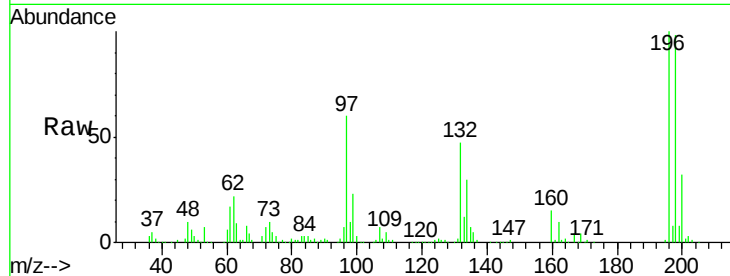
#43
 2,4,6-Trichlorophenol
 Concen: 39.707 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	276350		
198	98.3	79.2	118.8	
200	32.1	25.2	37.8	

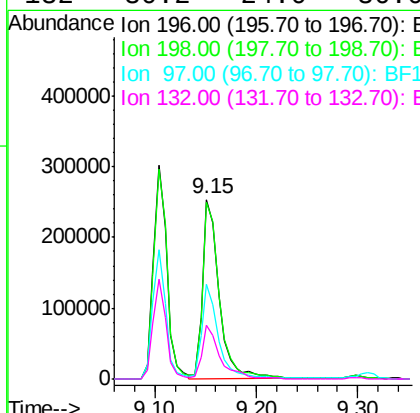
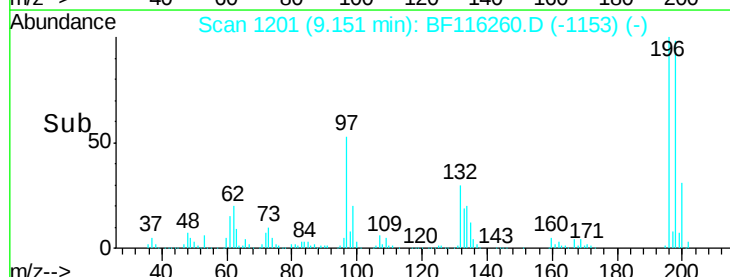
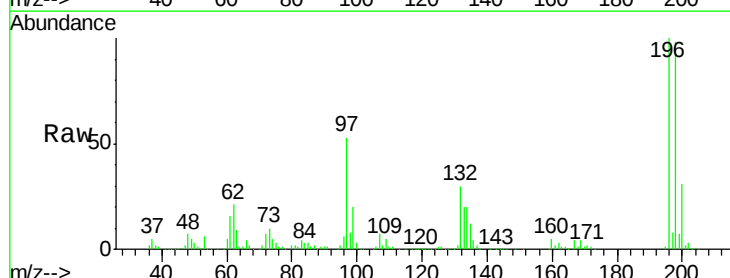
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#44
 2,4,5-Trichlorophenol
 Concen: 40.393 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	290596		
198	98.3	78.8	118.2	
97	52.8	42.2	63.4	
132	30.2	24.0	36.0	





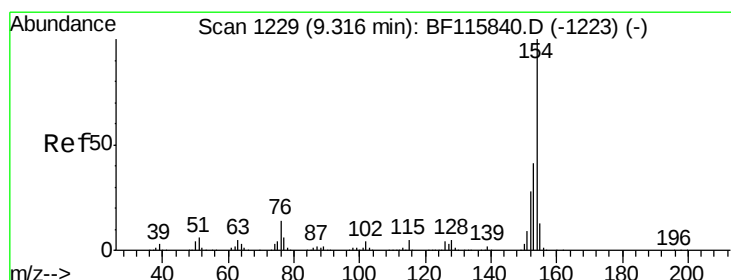
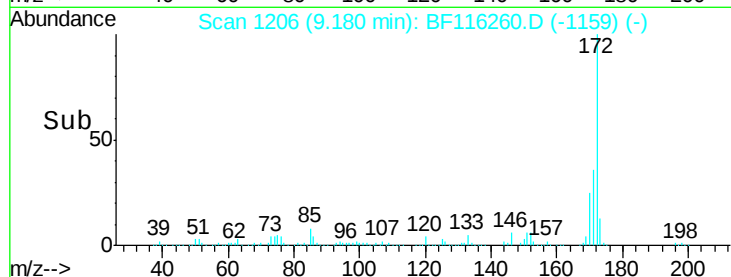
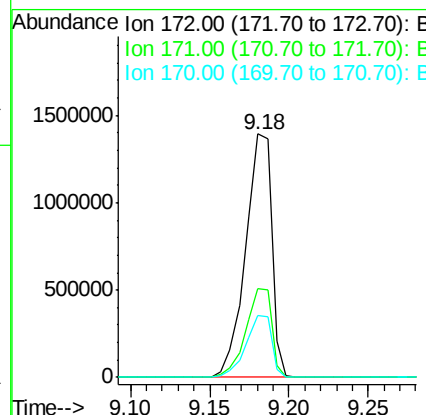
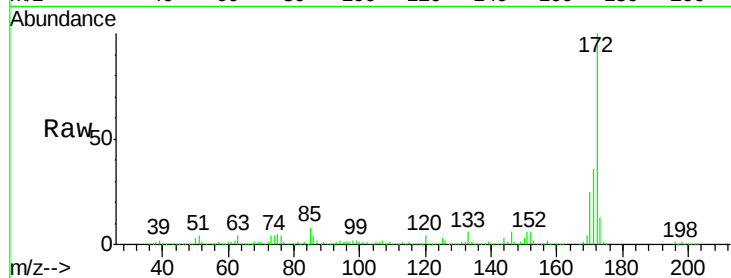
#45
2-Fluorobiphenyl
Concen: 78.920 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	25.3	20.1	30.1

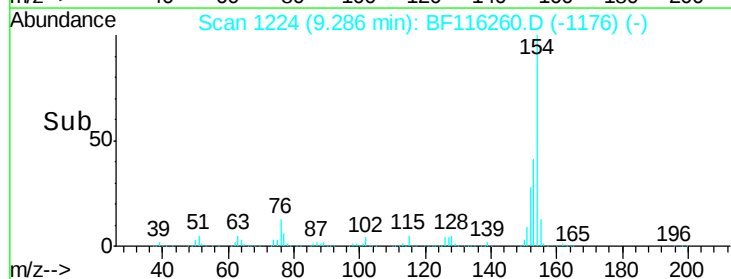
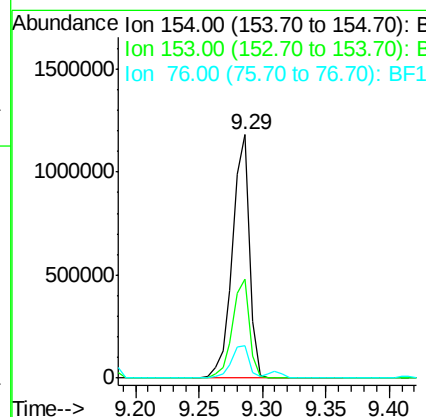
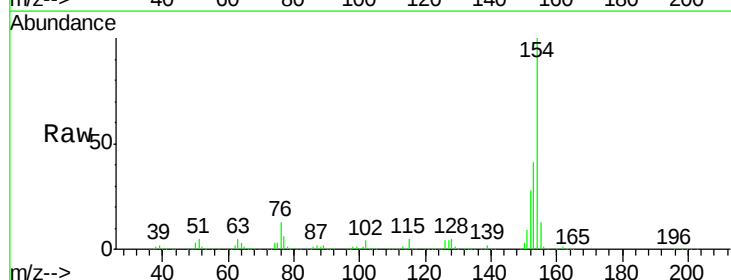
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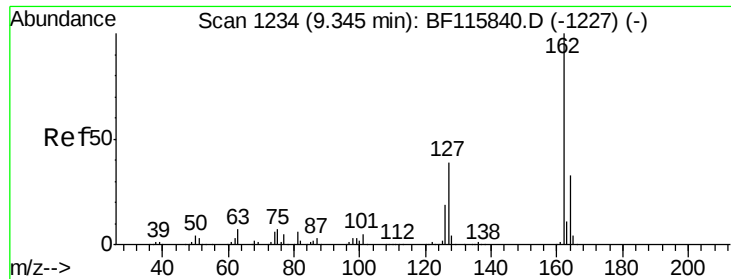
mohammad
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#46
1,1'-Biphenyl
Concen: 40.880 ng
RT: 9.29 min Scan# 1224
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.4	61.4
76	13.2	0.0	35.2





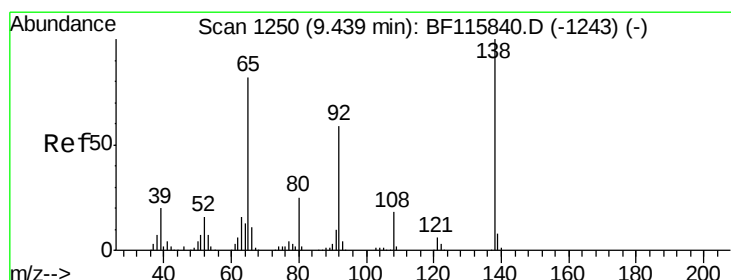
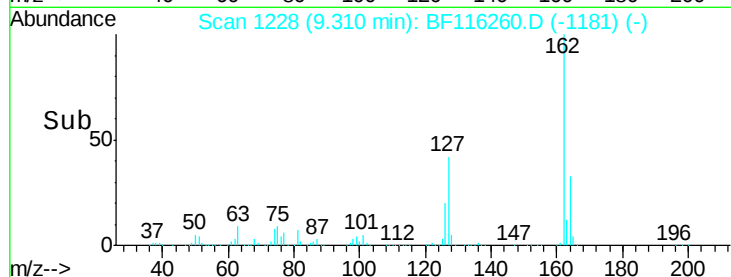
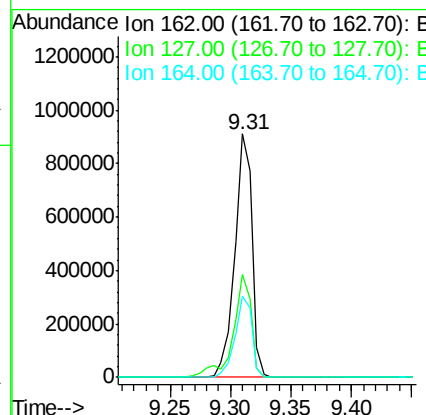
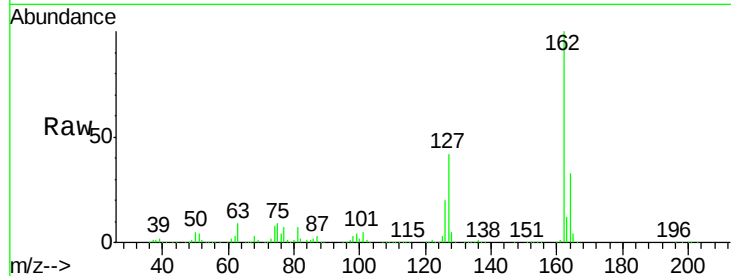
#47
 2-Chloronaphthalene
 Concen: 40.616 ng
 RT: 9.31 min Scan# 1228
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	42.4	32.8	49.2	
164	33.4	26.6	39.8	

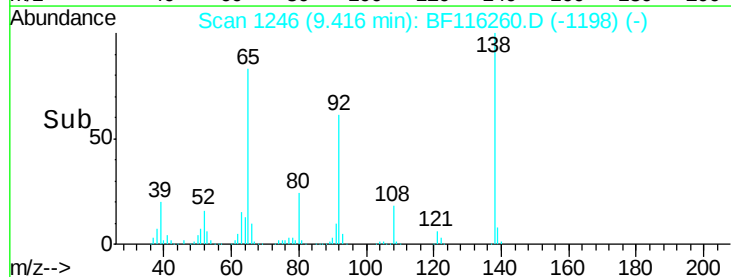
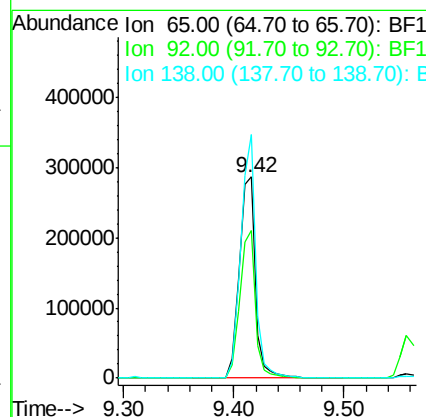
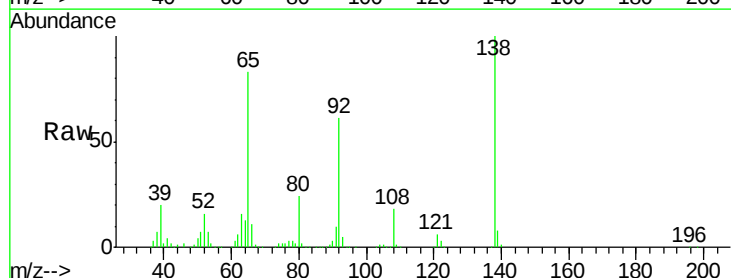
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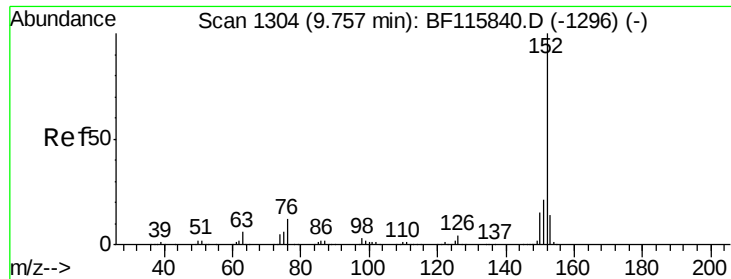
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#48
 2-Nitroaniline
 Concen: 40.351 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.8	57.8	86.8	
138	121.2	94.0	141.0	





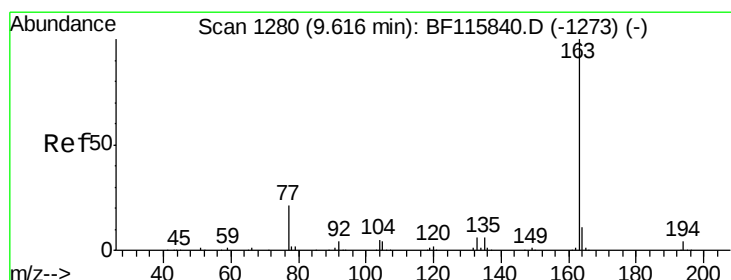
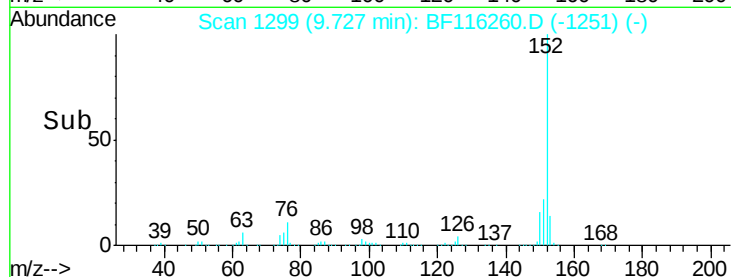
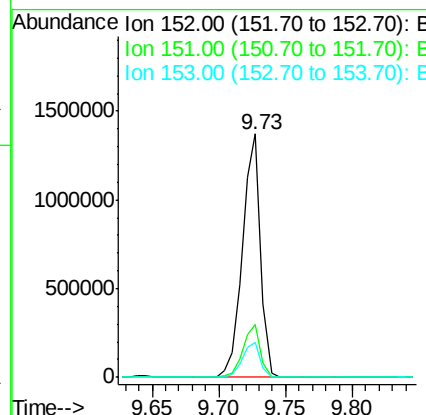
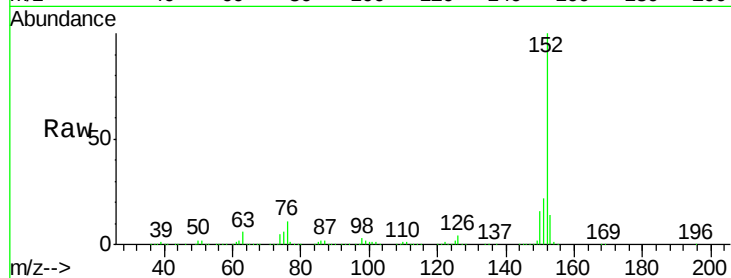
#49
Acenaphthylene
Concen: 39.847 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.2	25.8
153	14.2	11.8	17.8

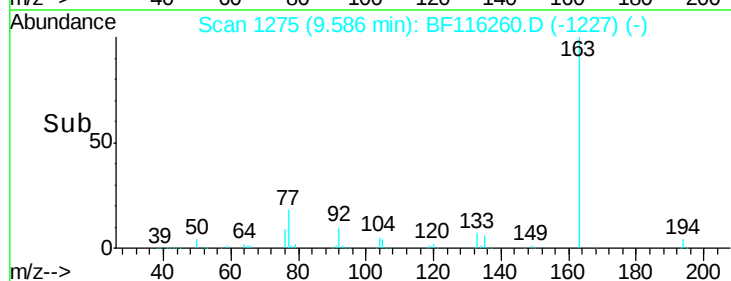
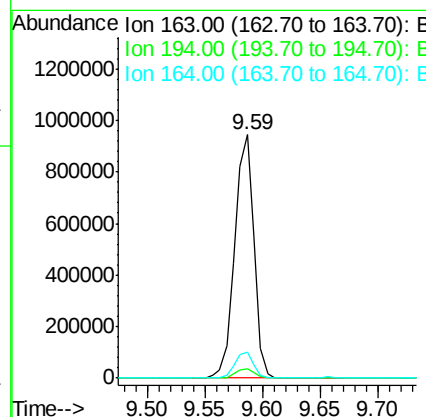
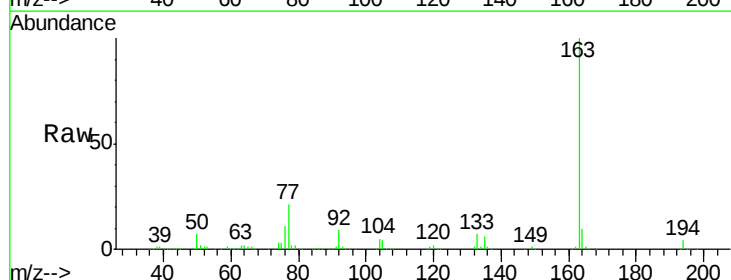
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#50
Dimethylphthalate
Concen: 41.960 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.4	8.4	12.6





#51

2,6-Dinitrotoluene

Concen: 41.996 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

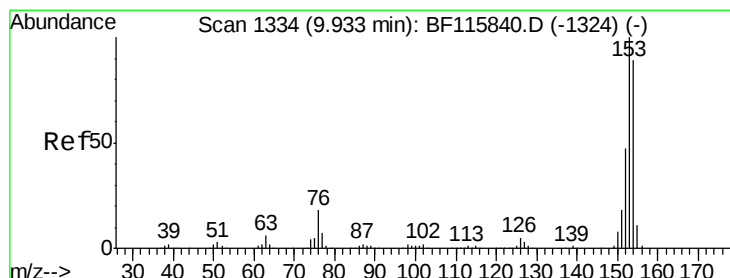
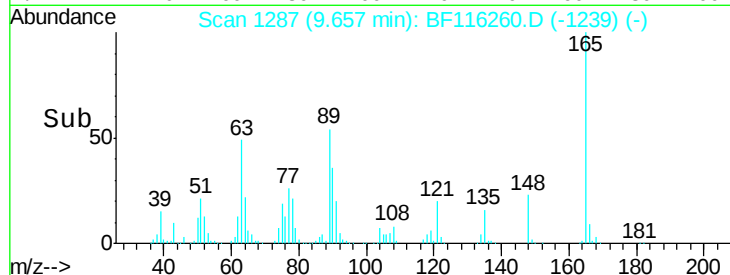
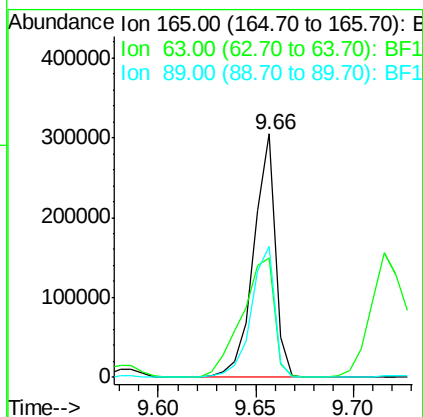
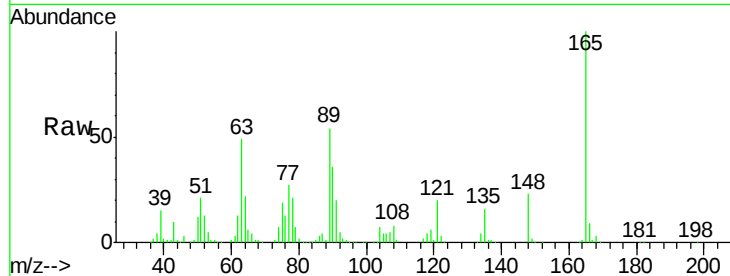
ClientSampleId :

SSTDCCC040

Tot Ion:	165	Resp:	235027
Ion Ratio		Lower	Upper
165	100		
63	49.2	38.2	57.2
89	53.8	42.9	64.3

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#52

Acenaphthene

Concen: 40.331 ng

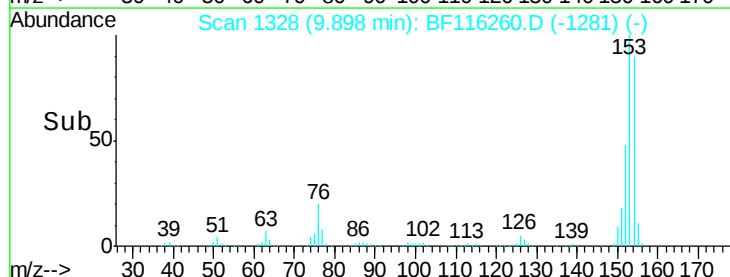
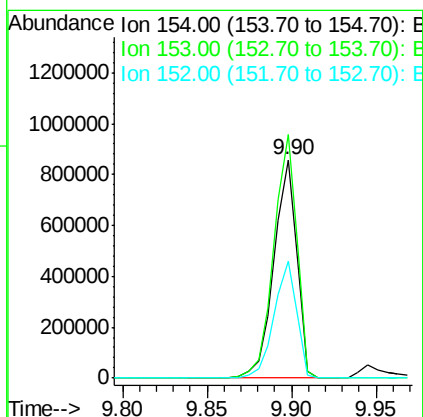
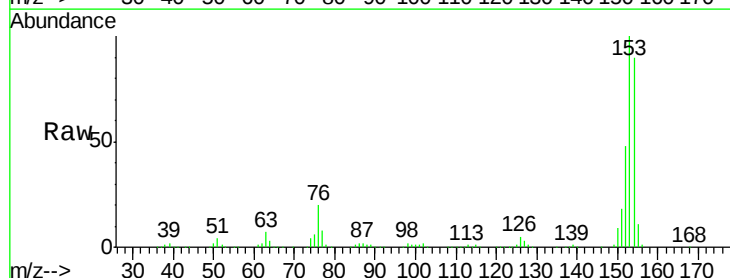
RT: 9.90 min Scan# 1328

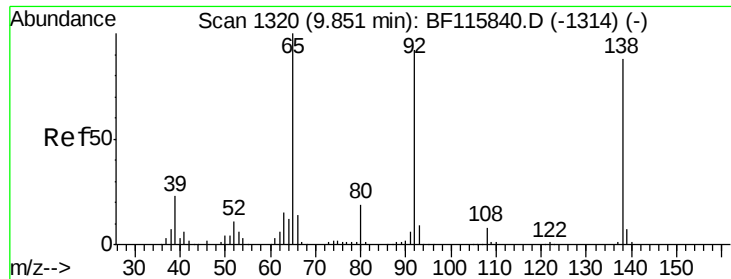
Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Tgt Ion:	154	Resp:	802219
Ion Ratio		Lower	Upper
154	100		
153	111.5	89.4	134.0
152	53.5	42.3	63.5





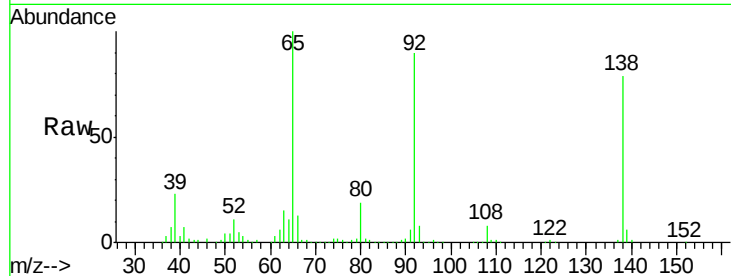
#53
3-Nitroaniline
Concen: 39.219 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

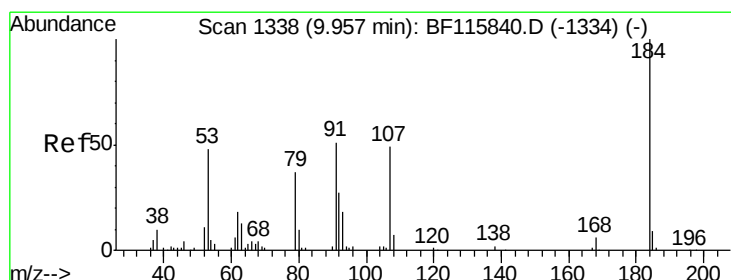
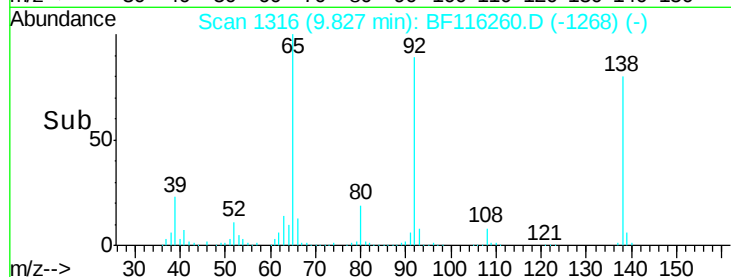
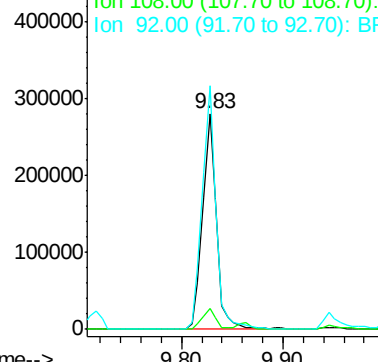
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	8.0	12.0
92	113.0	91.0	136.6

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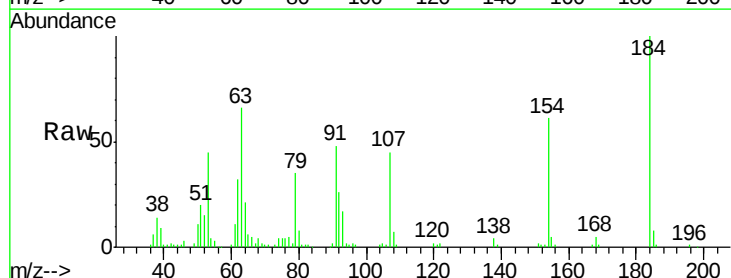


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

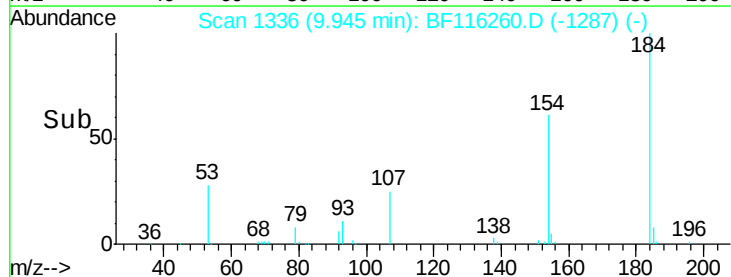
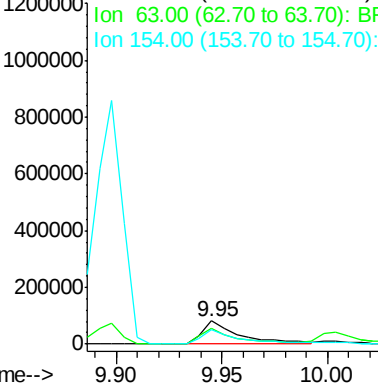


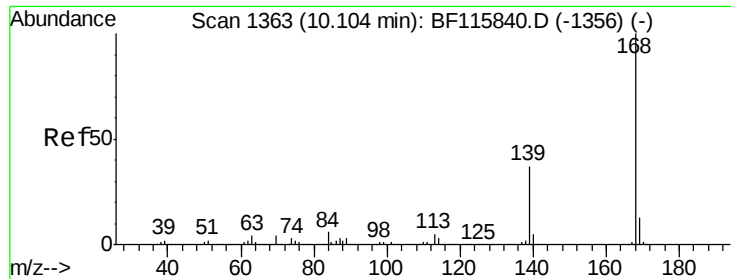
#54
2,4-Dinitrophenol
Concen: 39.432 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.9	53.0	79.4
154	60.9	50.1	75.1



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





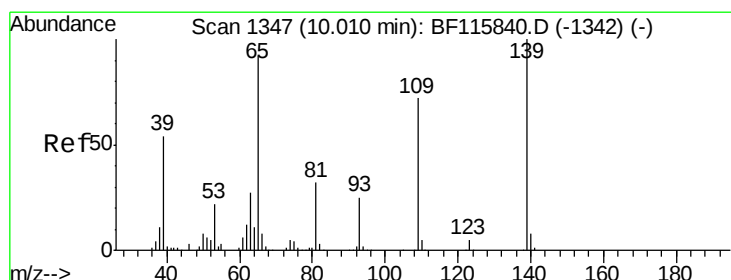
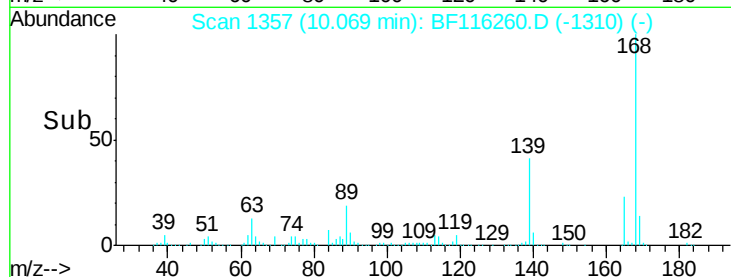
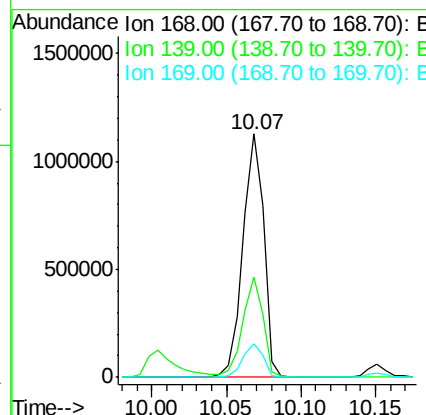
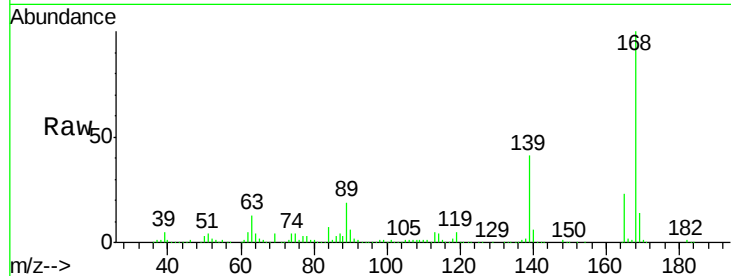
#55
Dibenzofuran
Concen: 38.081 ng
RT: 10.07 min Scan# 1357
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	31.4	47.2
169	14.0	10.9	16.3

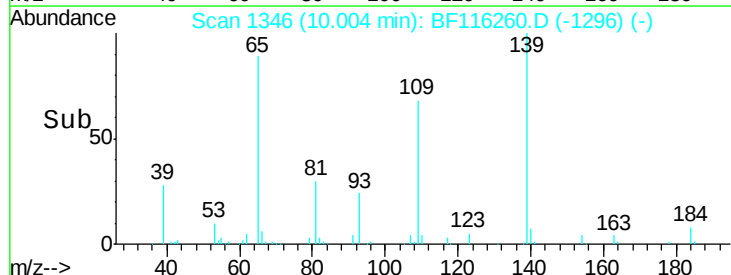
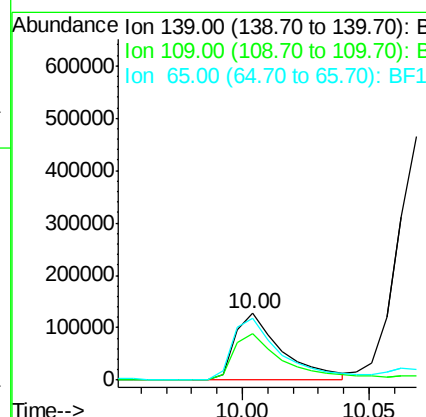
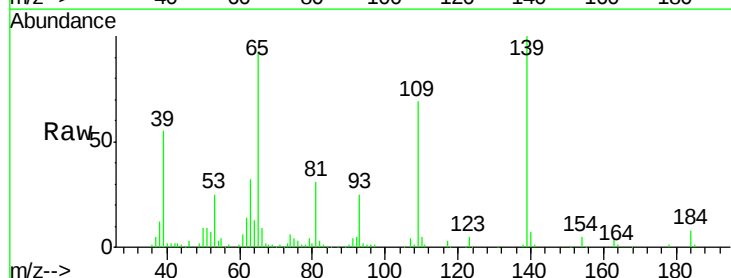
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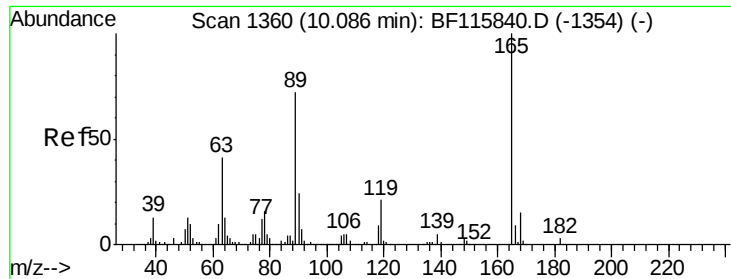
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#56
4-Nitrophenol
Concen: 37.349 ng
RT: 10.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.7	54.4	94.4
65	92.5	80.6	120.6





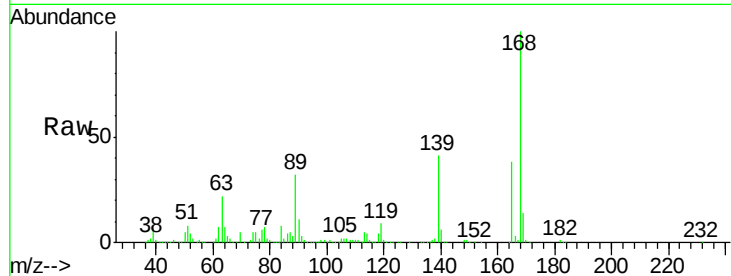
#57
2,4-Dinitrotoluene
Concen: 36.974 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100	275500		
63	59.1	39.6	59.4	
89	84.4	62.2	93.2	
182	2.6	2.1	3.1	

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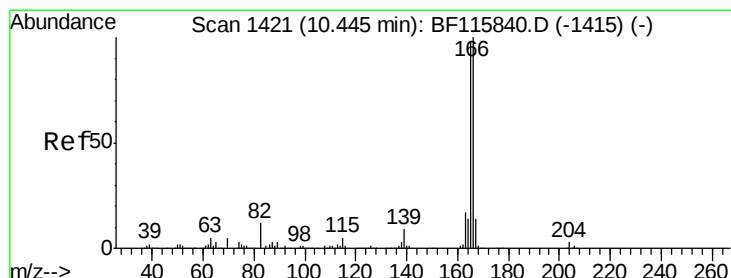
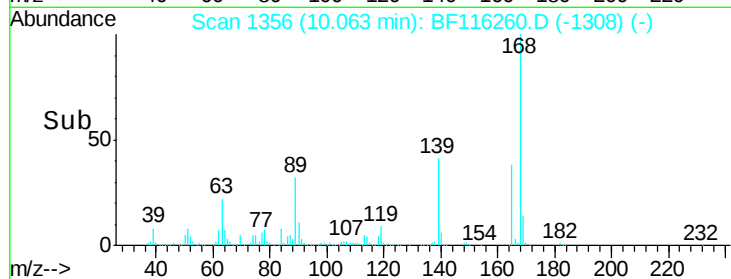
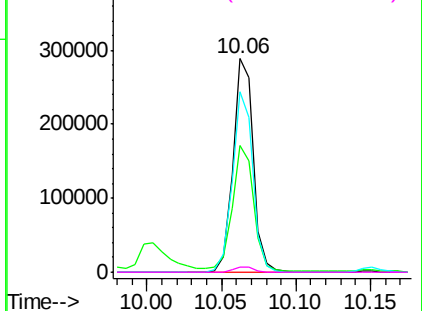


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

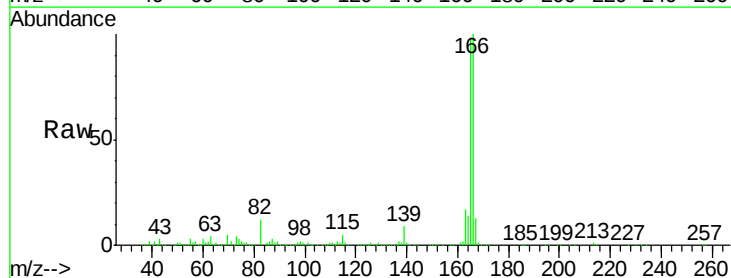
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 40.166 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

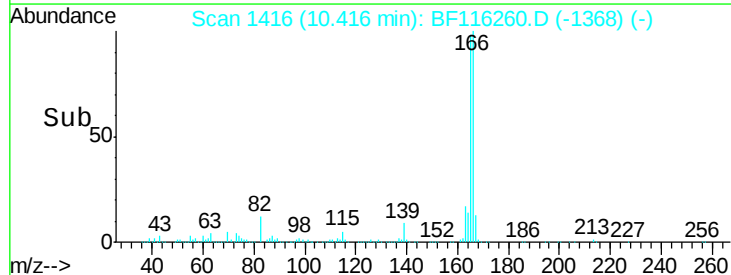
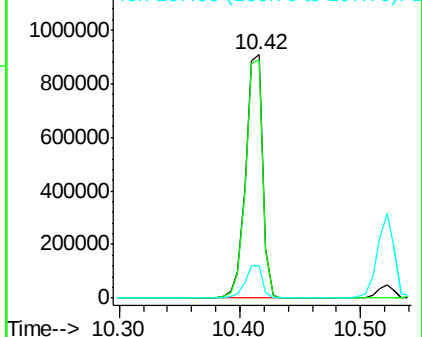
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	893891		
165	98.2	78.4	117.6	
167	13.2	11.0	16.4	



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: 39.376 ng

RT: 10.19 min Scan# 1378

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

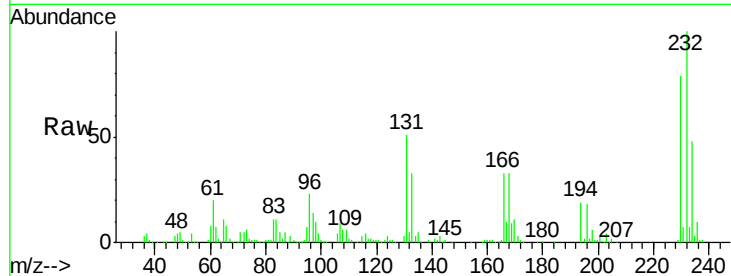
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	238330		
131	46.5	36.2	54.2	
130	2.5	1.9	2.9	
166	30.5	23.0	34.4	

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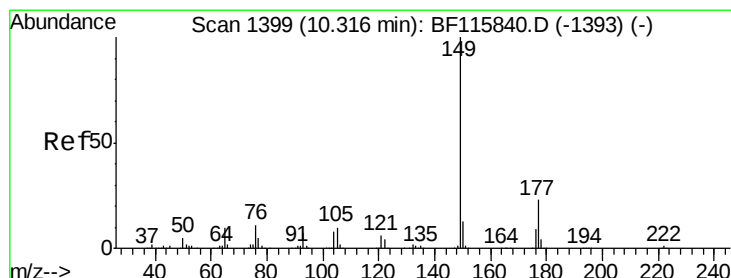
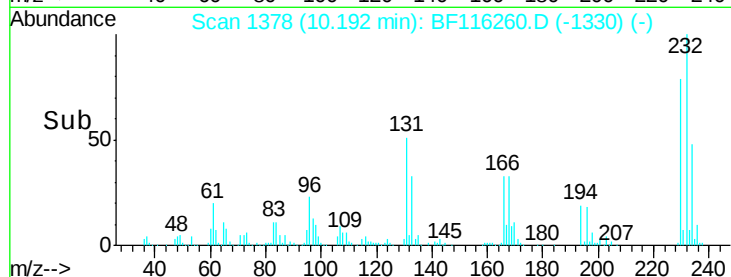
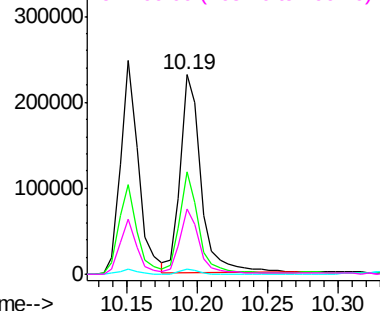


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 43.257 ng

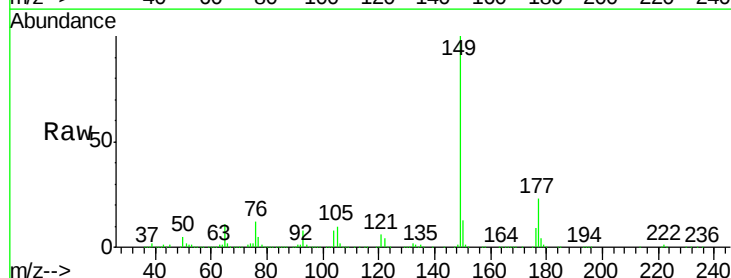
RT: 10.28 min Scan# 1393

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

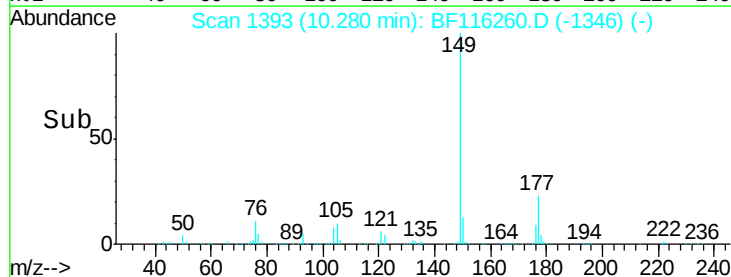
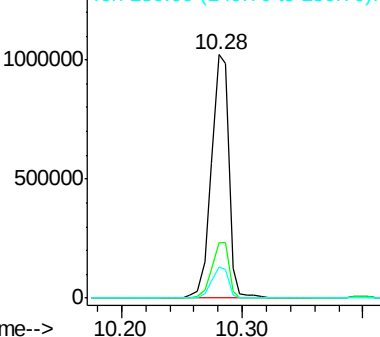
Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1040018		
177	22.7	18.8	28.2	
150	13.0	10.2	15.4	

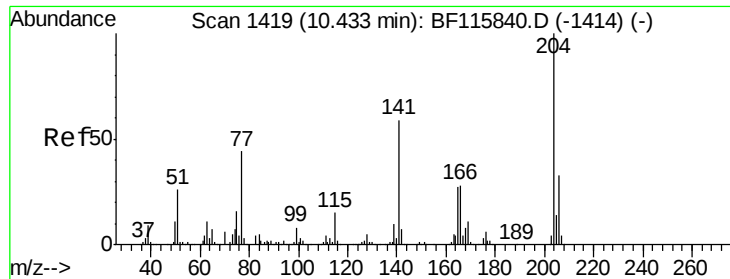


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





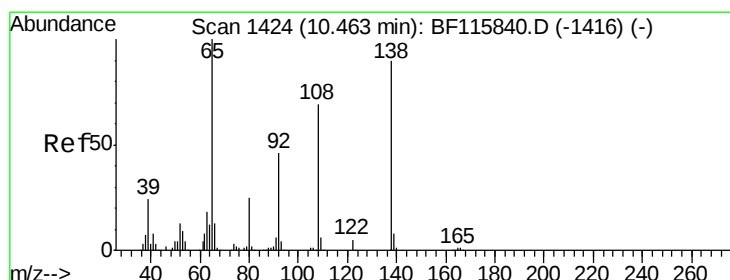
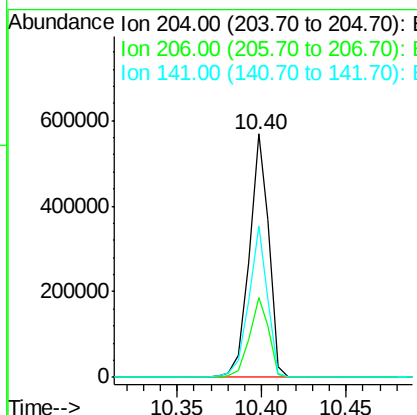
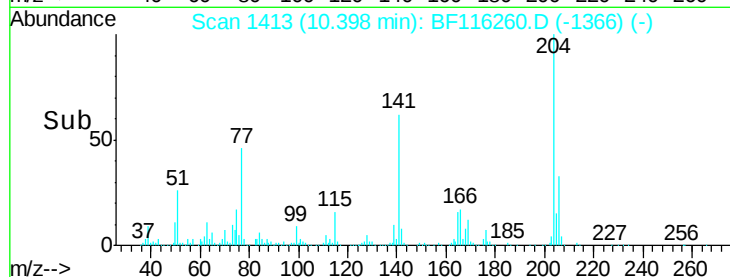
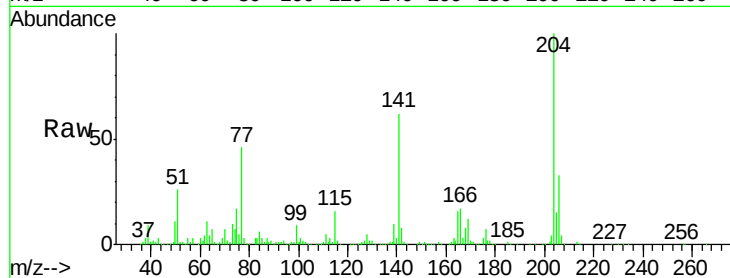
#61
 4-Chlorophenyl-phenylether
 Concen: 40.667 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion:	204	Resp:	458368
Ion Ratio		Lower	Upper
204	100		
206	33.0	26.4	39.6
141	62.3	46.4	69.6

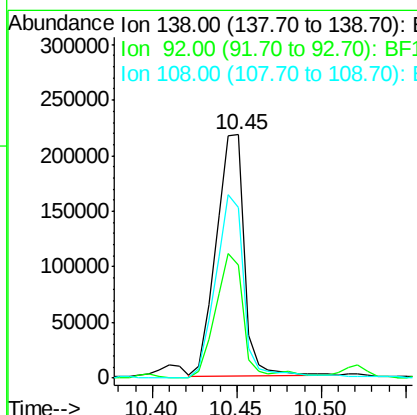
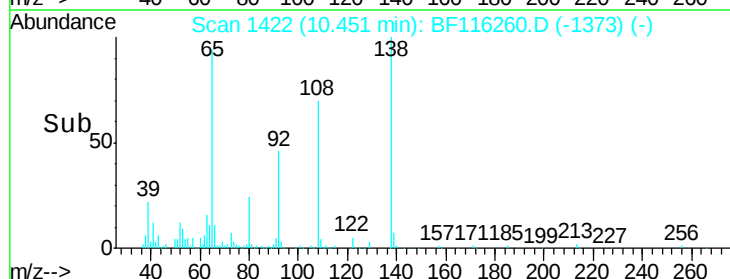
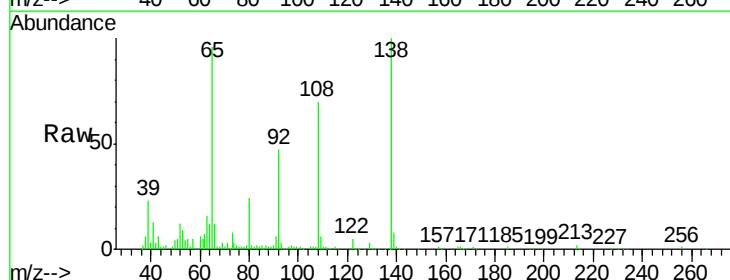
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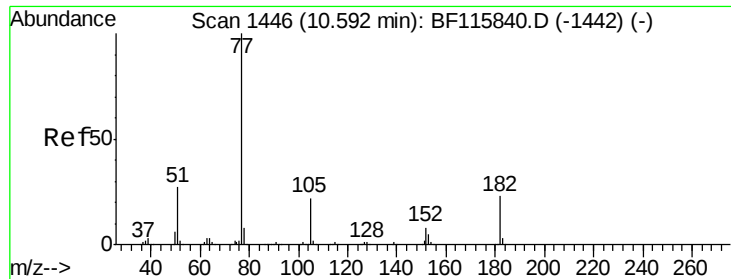
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#62
 4-Nitroaniline
 Concen: 35.271 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion:	138	Resp:	252058
Ion Ratio		Lower	Upper
138	100		
92	46.6	29.0	69.0
108	70.3	54.7	94.7





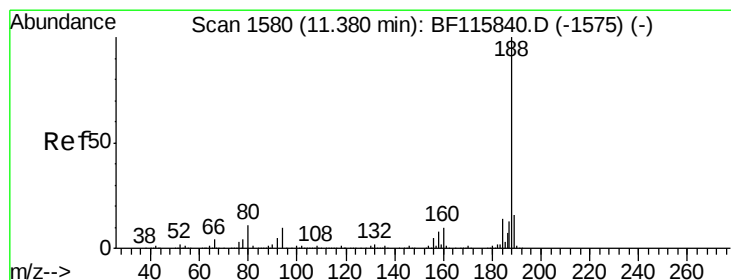
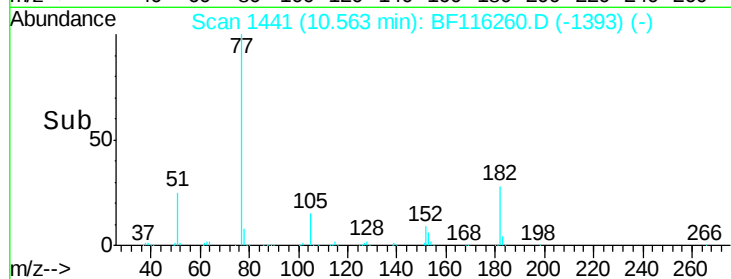
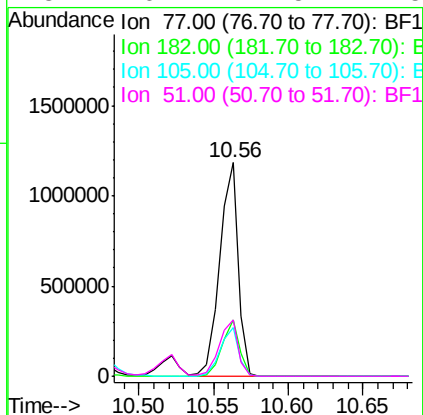
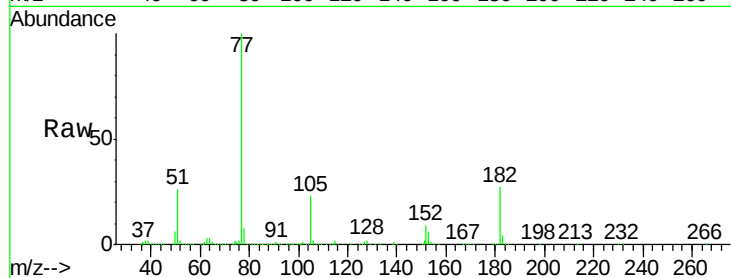
#63
Azobenzene
Concen: 41.754 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	26.6	4.0	44.0	
105	23.0	2.0	42.0	
51	26.4	7.5	47.5	

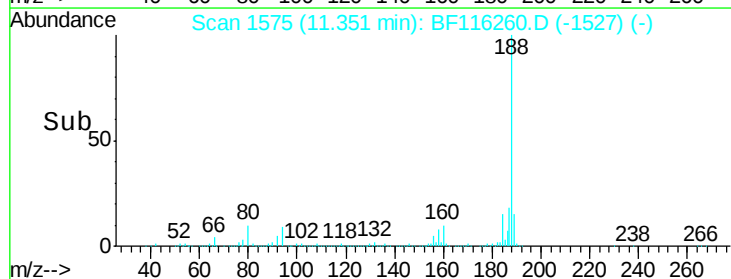
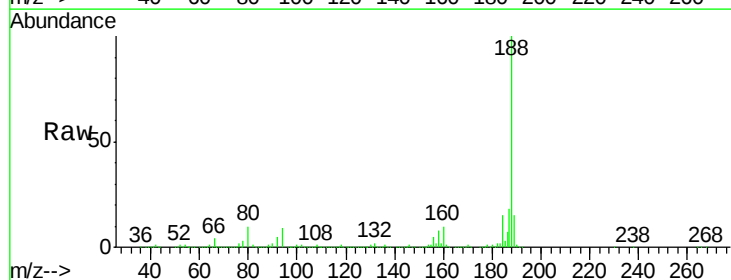
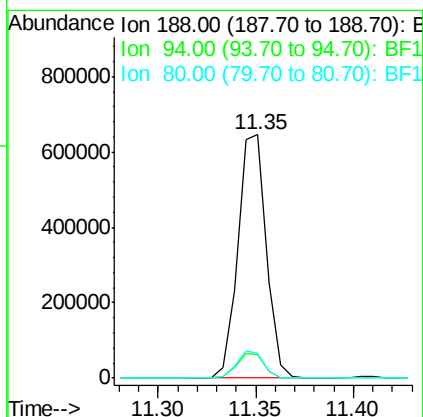
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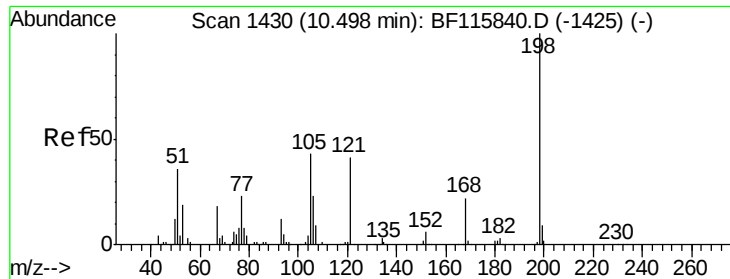
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1575
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.4	8.1	12.1	
80	10.1	8.7	13.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 46.557 ng

RT: 10.48 min Scan# 1427

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 160236

Ion Ratio Lower Upper

198 100

51 42.1 17.0 57.0

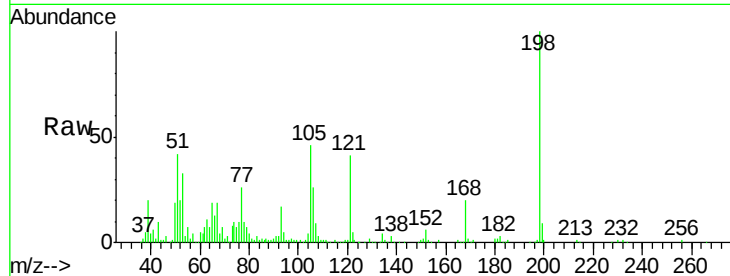
105 46.3 21.6 61.6

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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

400000

300000

200000

100000

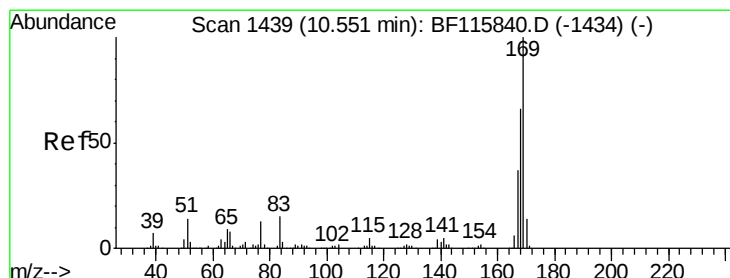
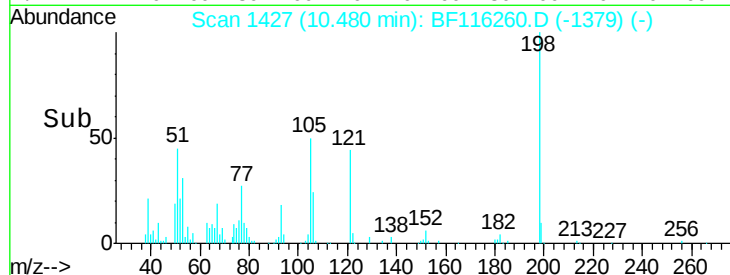
0

10.40

10.50

10.60

Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.360 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

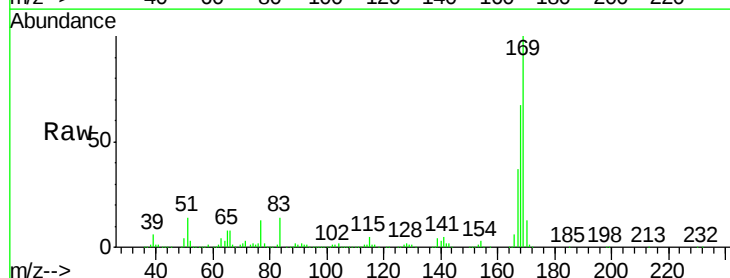
Tgt Ion:169 Resp: 828065

Ion Ratio Lower Upper

169 100

168 67.4 53.8 80.6

167 36.8 29.6 44.4



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

1200000

1000000

800000

600000

400000

200000

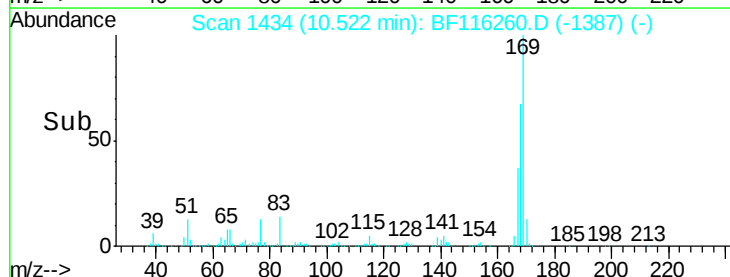
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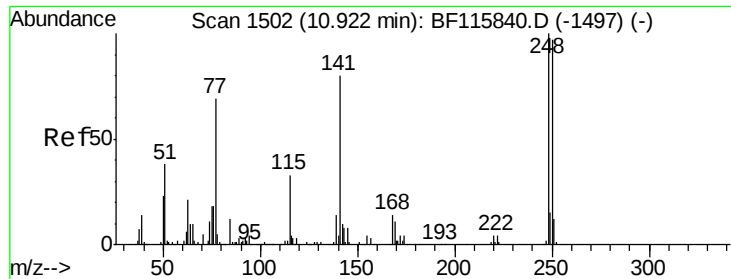
10.40

10.50

10.60

Time-->





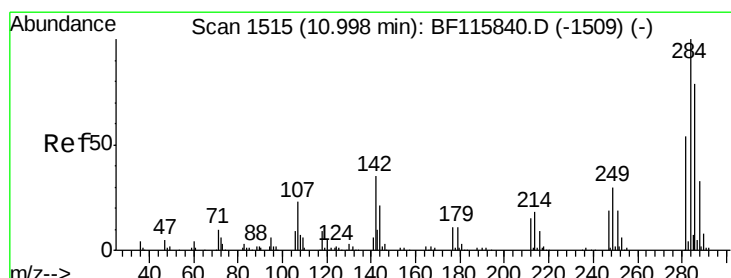
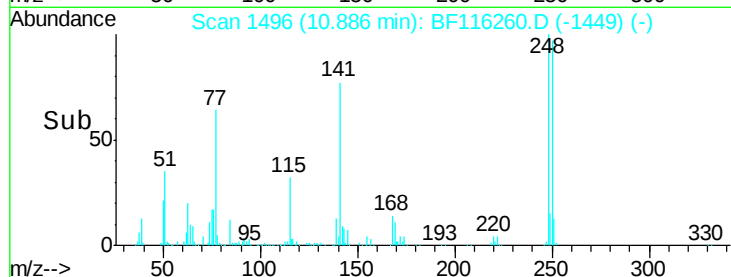
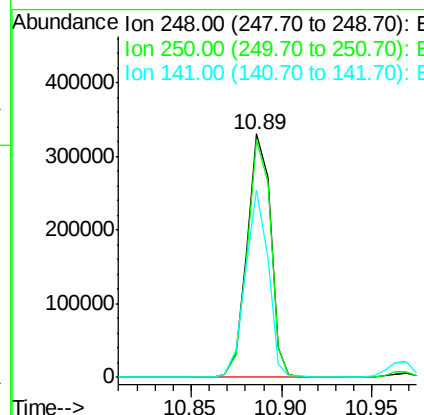
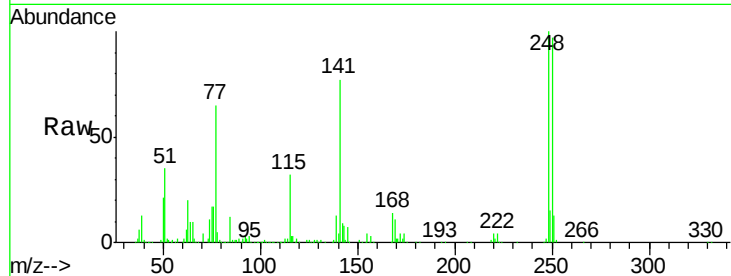
#67
4-Bromophenyl-phenylether
Concen: 43.200 ng
RT: 10.89 min Scan# 1496
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.4	116.2
141	76.8	56.8	85.2

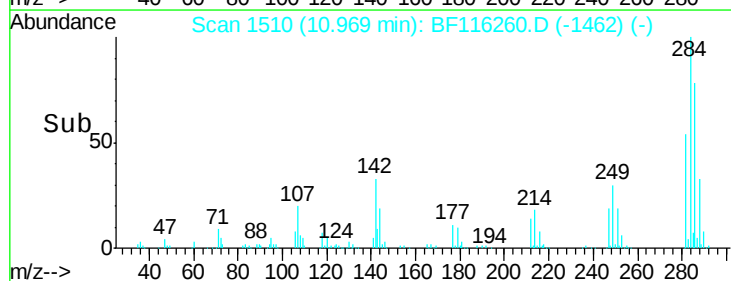
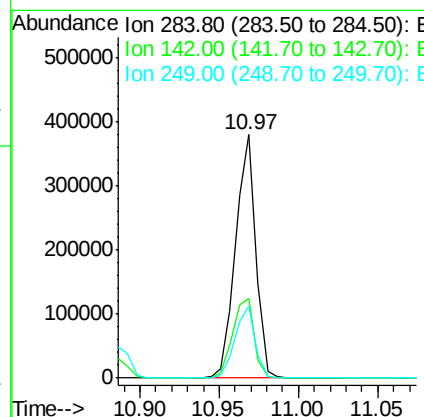
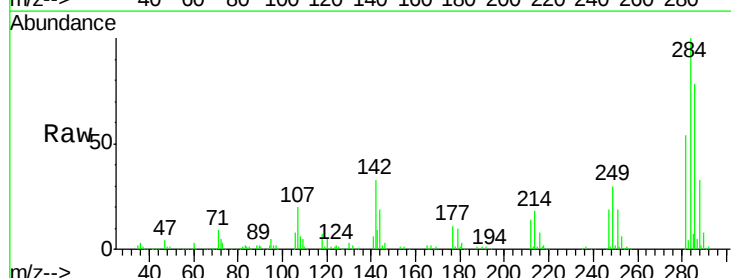
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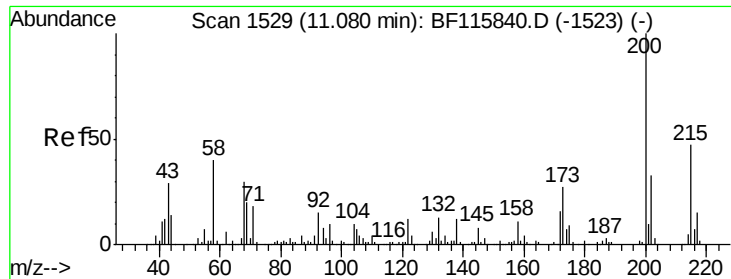
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#68
Hexachlorobenzene
Concen: 41.693 ng
RT: 10.97 min Scan# 1510
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.6	28.4	42.6
249	29.8	24.5	36.7





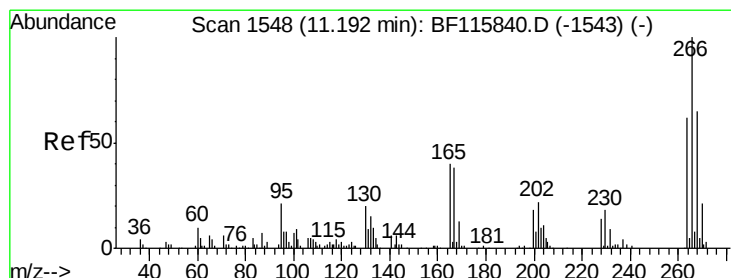
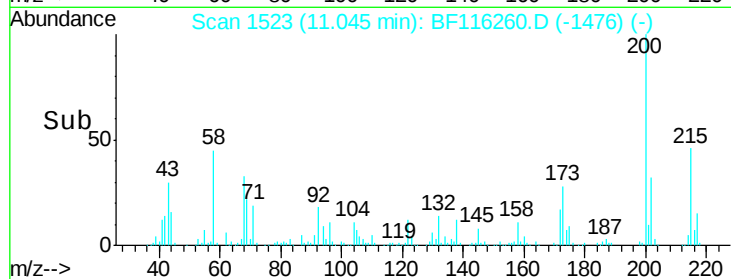
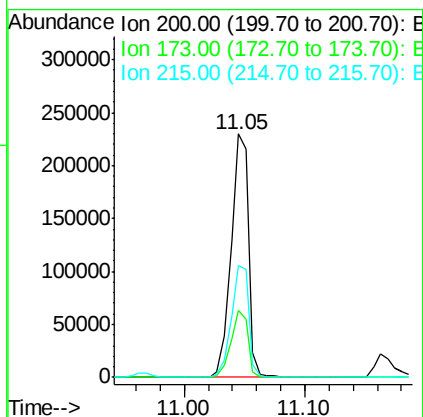
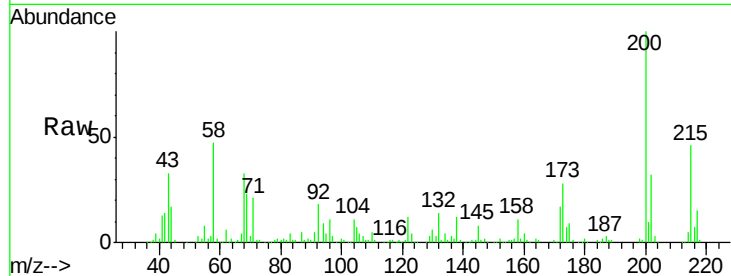
#69
 Atrazine
 Concen: 35.783 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.5	6.8	46.8
215	45.7	27.5	67.5

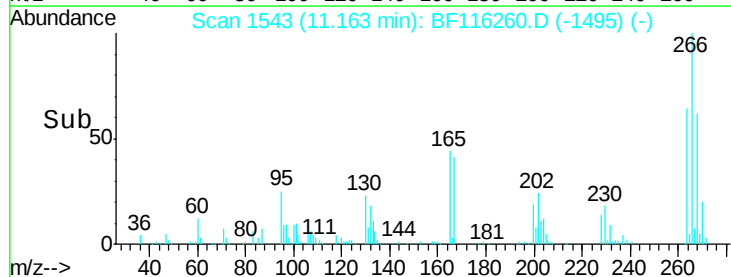
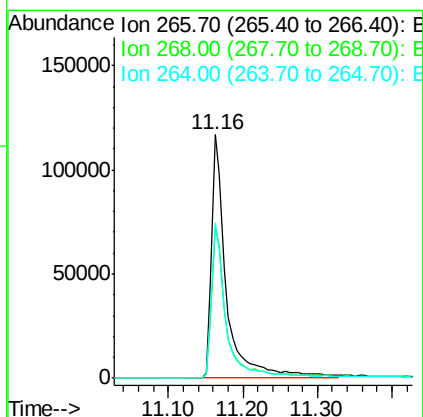
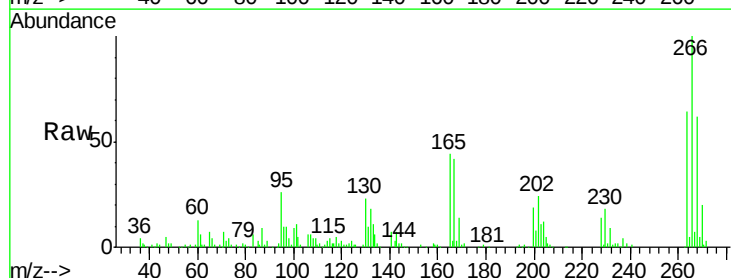
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#70
 Pentachlorophenol
 Concen: 41.691 ng
 RT: 11.16 min Scan# 1543
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.9	48.8	73.2
264	63.9	50.6	76.0





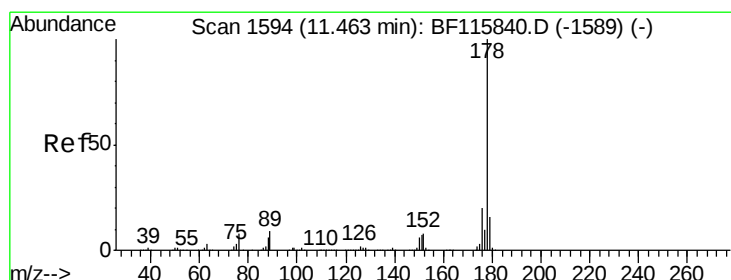
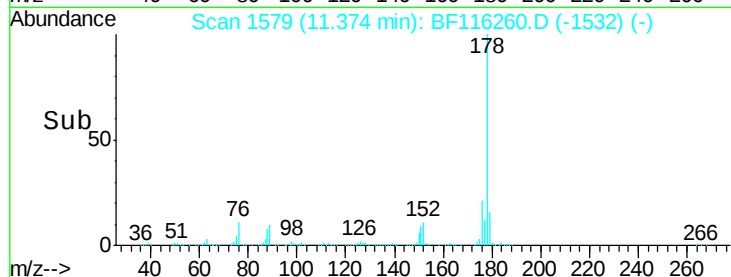
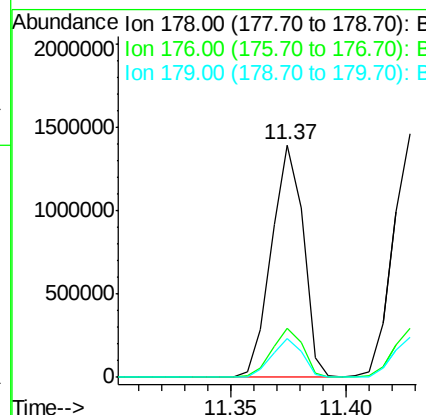
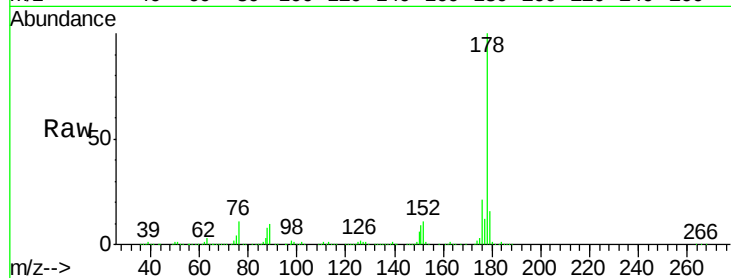
#71
Phenanthrene
Concen: 40.357 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	16.6	24.8
179	16.4	12.5	18.7

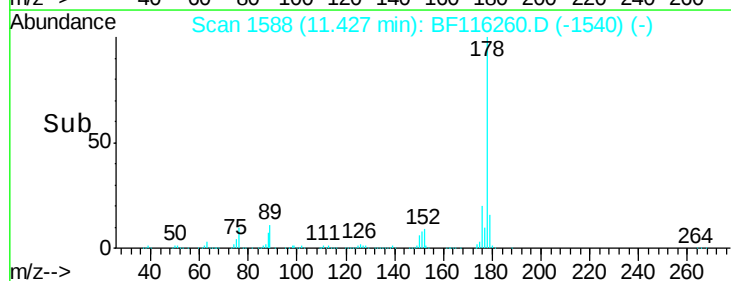
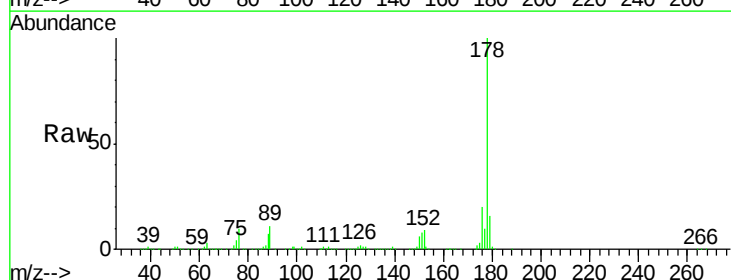
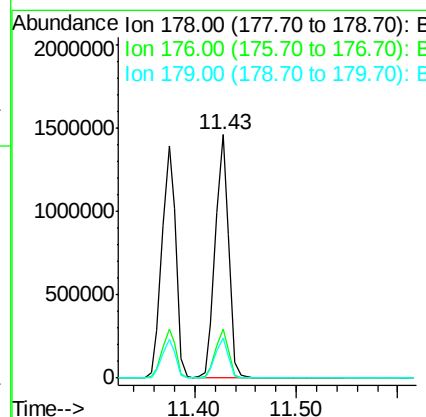
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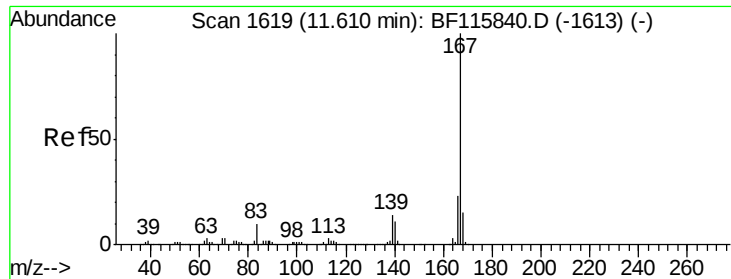
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#72
Anthracene
Concen: 40.333 ng
RT: 11.43 min Scan# 1588
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.4	15.7	23.5
179	16.3	13.0	19.6





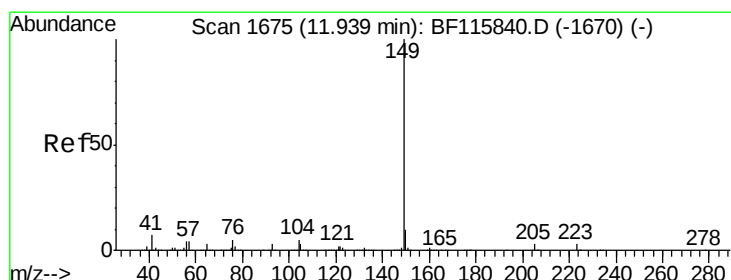
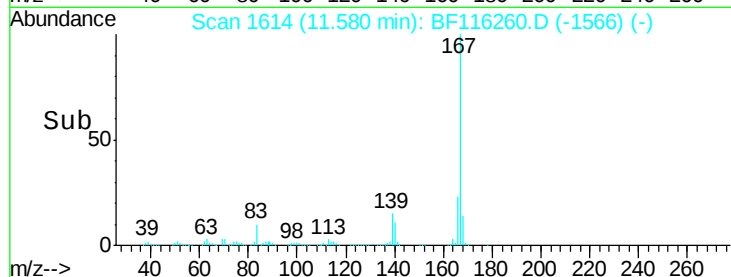
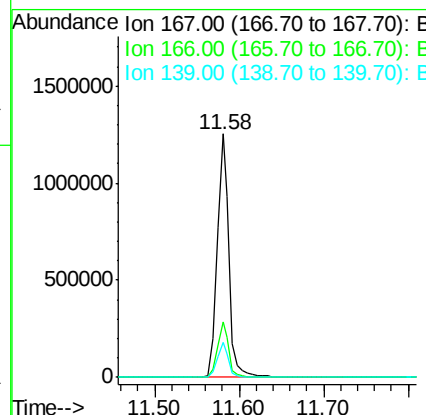
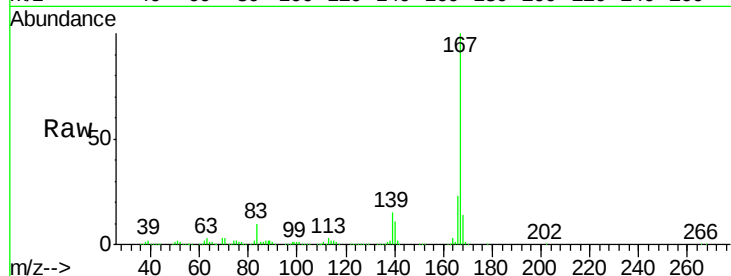
#73
 Carbazole
 Concen: 40.708 ng
 RT: 11.58 min Scan# 1614
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.8	26.6
139	14.5	11.4	17.0

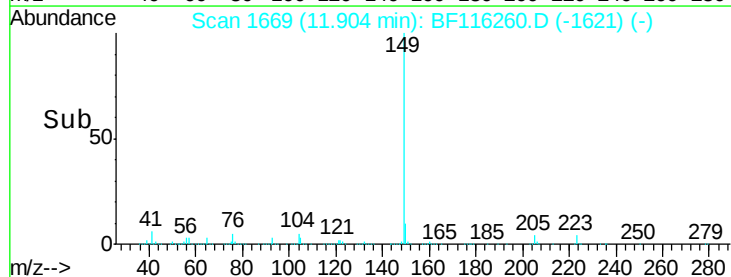
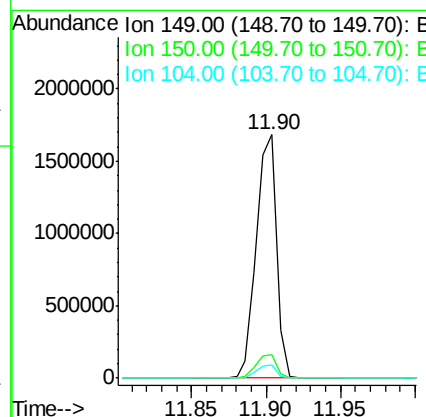
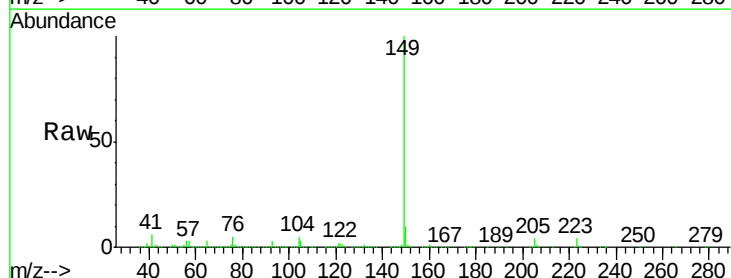
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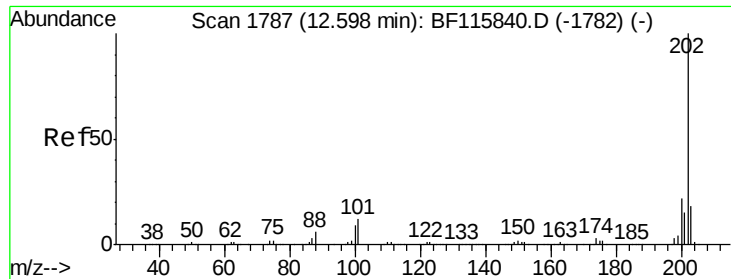
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#74
 Di-n-butylphthalate
 Concen: 44.149 ng
 RT: 11.90 min Scan# 1669
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.5	8.0	12.0
104	5.2	4.5	6.7





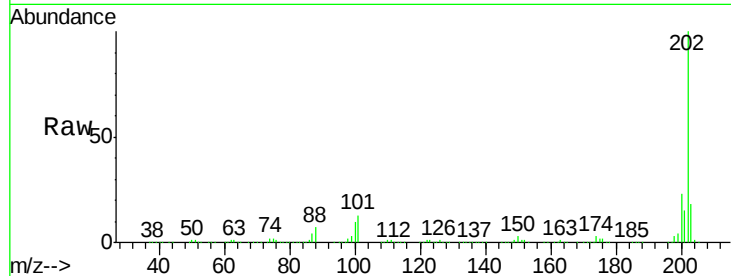
#75
 Fluoranthene
 Concen: 39.811 ng
 RT: 12.56 min Scan# 1781
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	31.2
203	18.5	0.0	37.8

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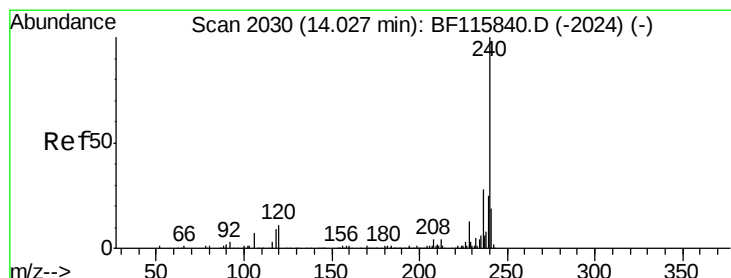
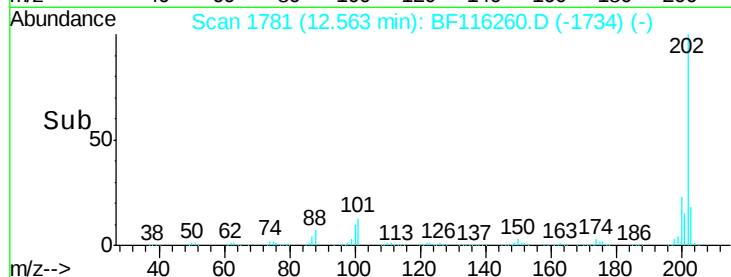
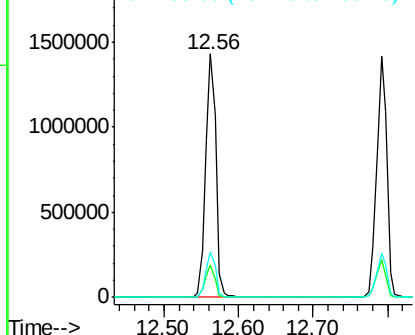


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2024
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

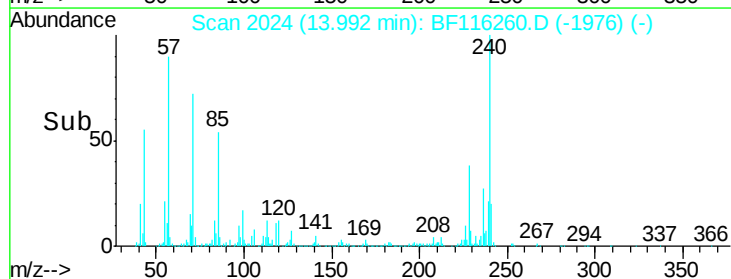
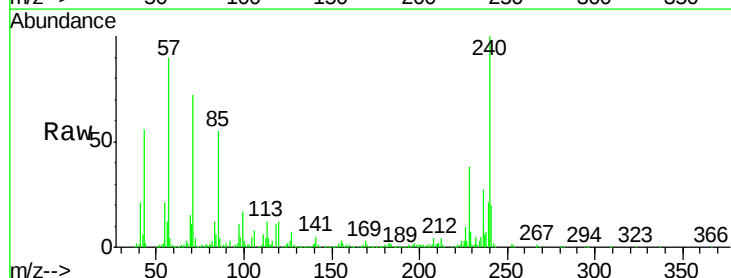
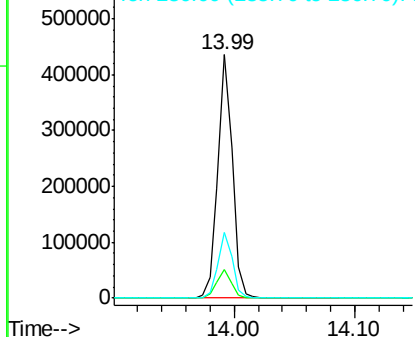
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.8	10.7	16.1
236	26.9	22.2	33.2

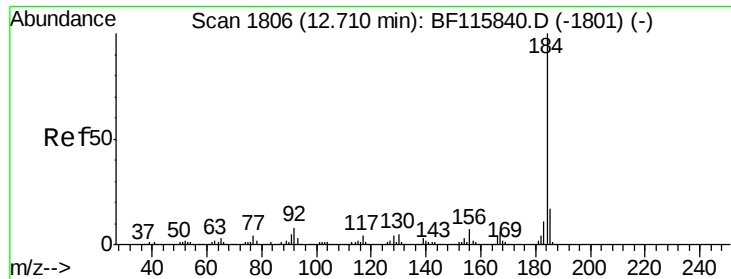
Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.031 ng

RT: 12.68 min Scan# 1801

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

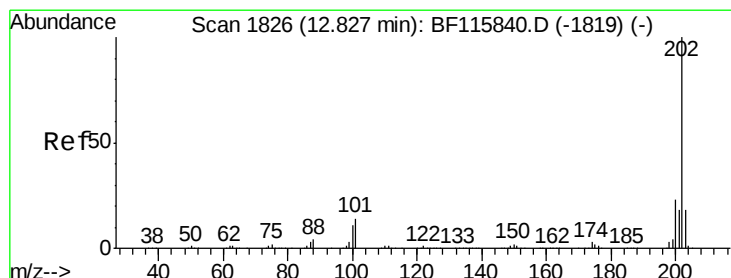
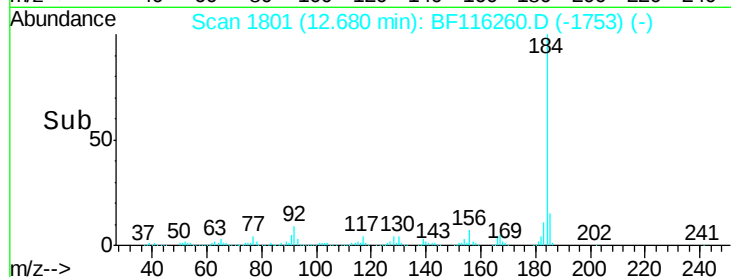
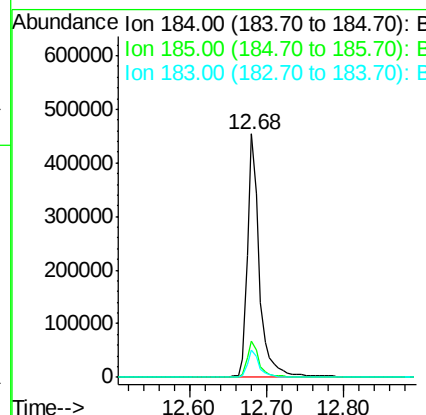
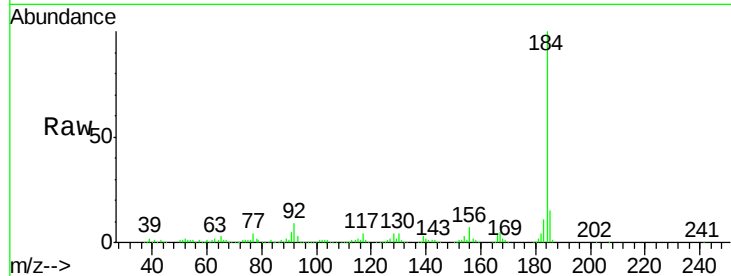
ClientSampleId :

SSTDCCC040

Tot Ion:	184	Resp:	497861
Ion Ratio	Lower	Upper	
184	100		
185	15.1	12.8	19.2
183	11.2	9.4	14.0

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#78

Pyrene

Concen: 51.384 ng

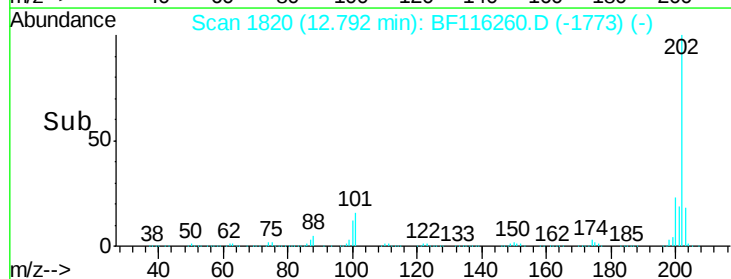
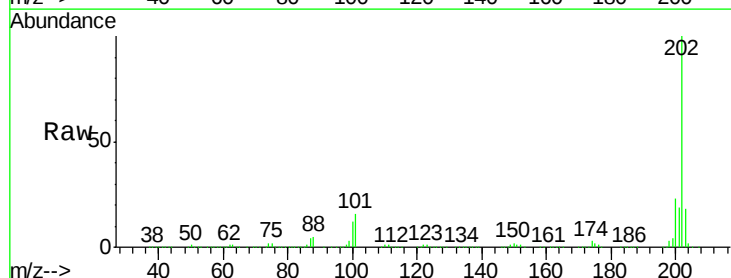
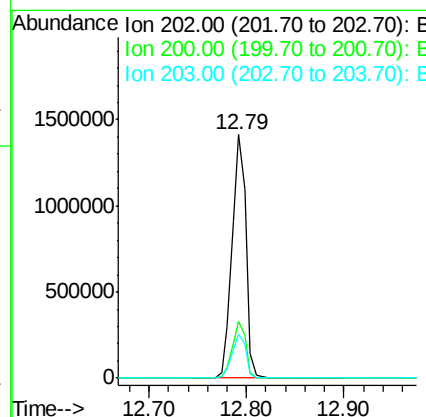
RT: 12.79 min Scan# 1820

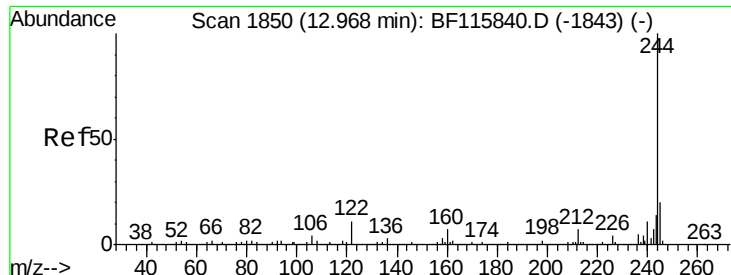
Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Tgt Ion:	202	Resp:	1391162
Ion Ratio	Lower	Upper	
202	100		
200	23.1	18.0	27.0
203	18.1	14.1	21.1





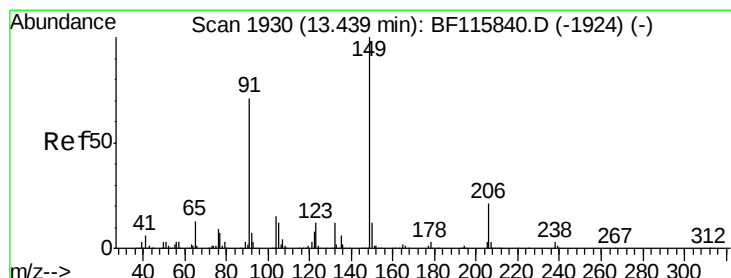
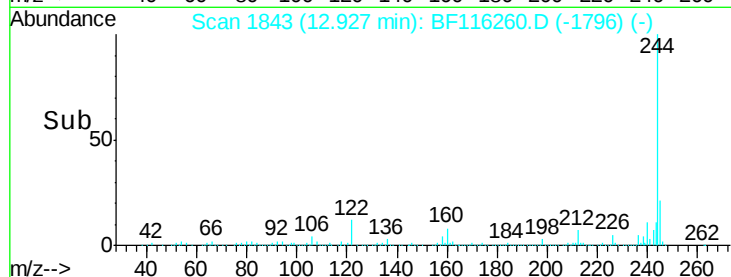
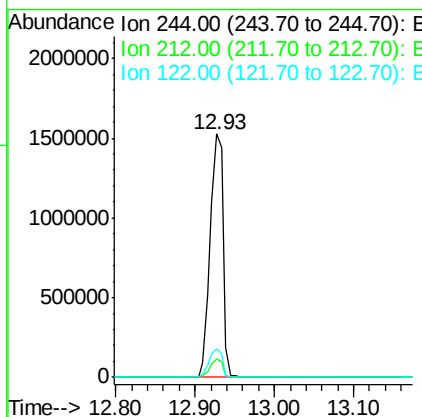
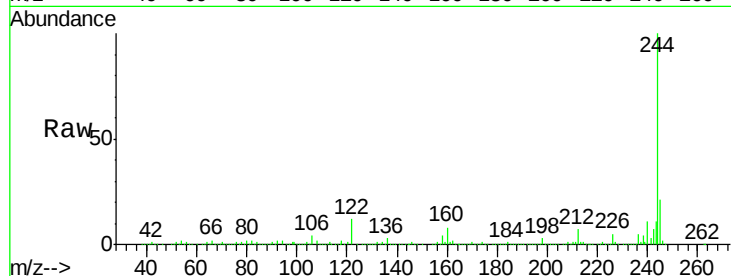
#79
 Terphenyl-d14
 Concen: 101.742 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 1734152
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 11.6 9.0 13.4

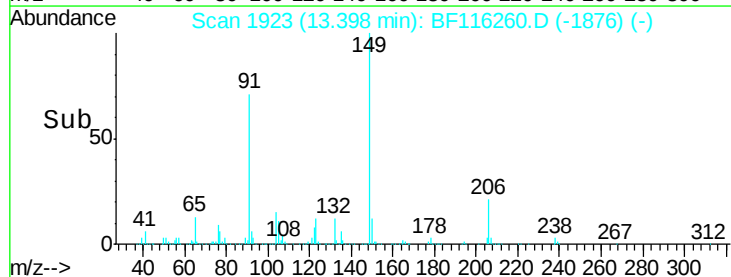
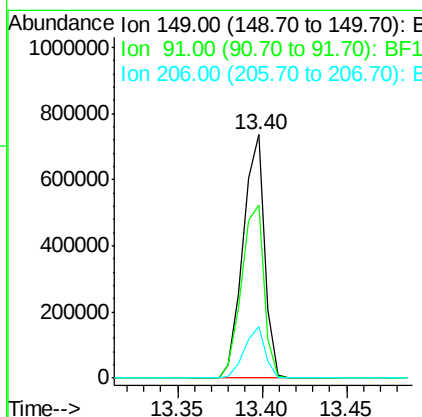
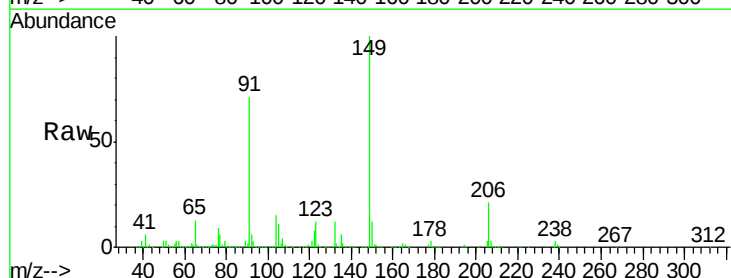
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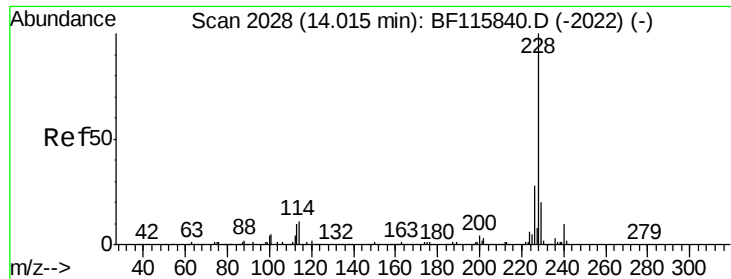
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#80
 Butylbenzylphthalate
 Concen: 57.504 ng
 RT: 13.40 min Scan# 1923
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion:149 Resp: 658562
 Ion Ratio Lower Upper
 149 100
 91 71.3 56.3 84.5
 206 21.4 18.0 27.0





#81

Benzo(a)anthracene

Concen: 45.979 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:228 Resp: 1055490

Ion Ratio Lower Upper

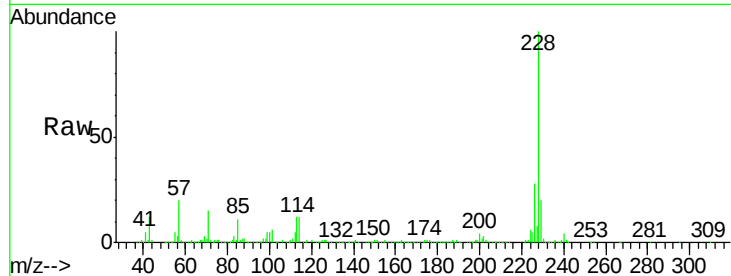
228 100

226 28.2 22.7 34.1

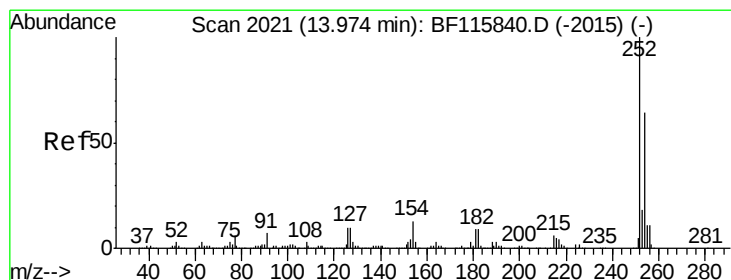
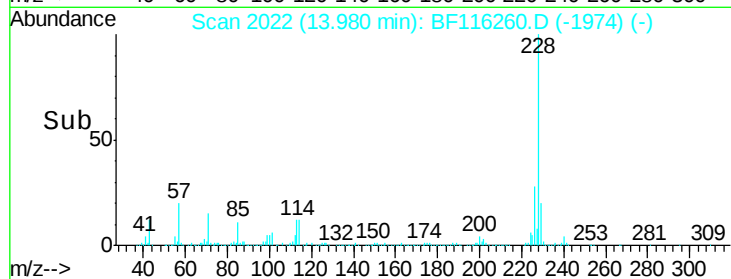
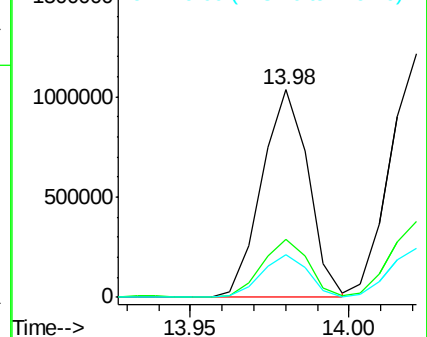
229 20.4 16.2 24.4

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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: 50.559 ng

RT: 13.94 min Scan# 2015

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

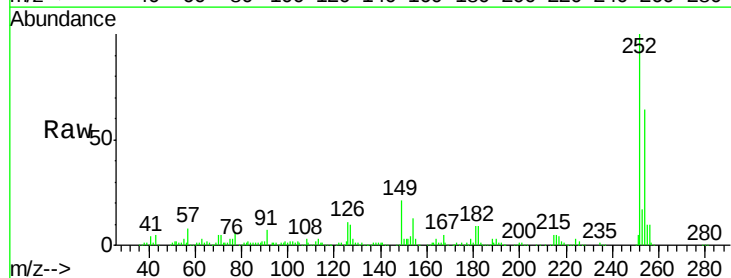
Tgt Ion:252 Resp: 403227

Ion Ratio Lower Upper

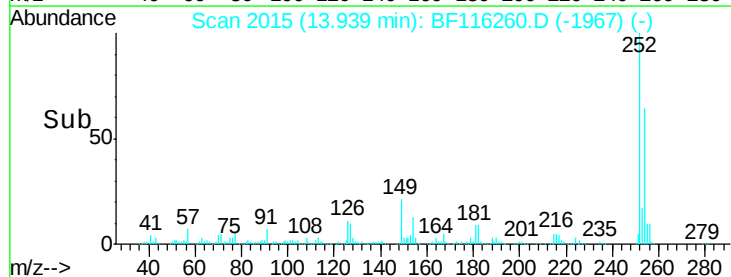
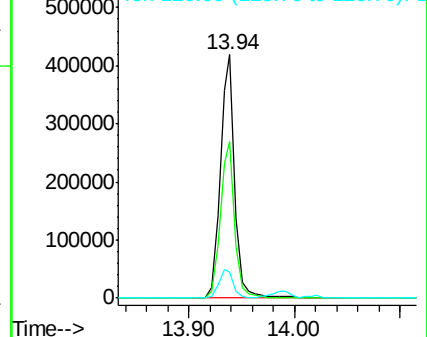
252 100

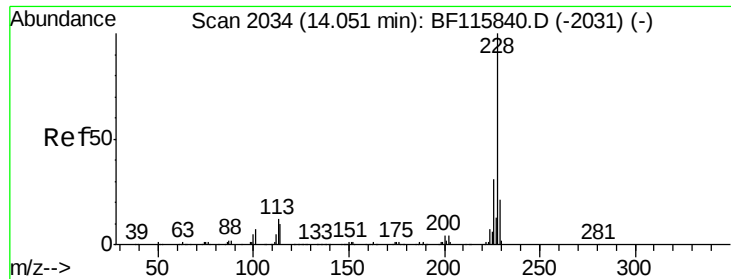
254 64.4 50.9 76.3

126 10.6 9.8 14.8



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





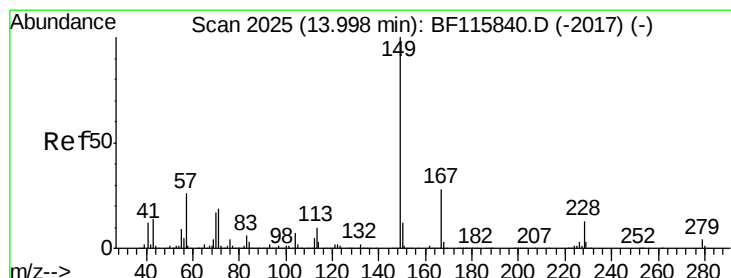
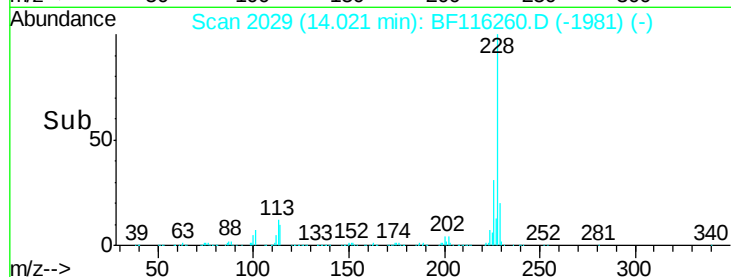
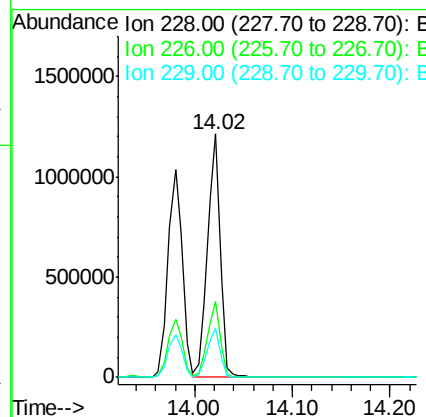
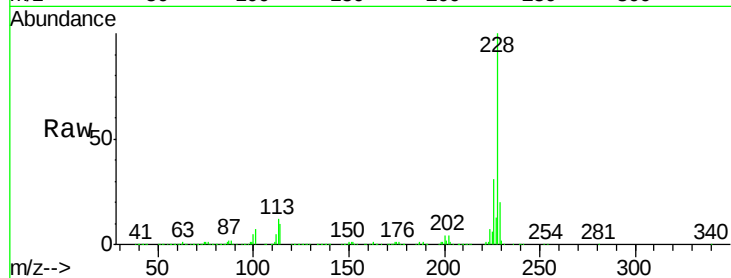
#83
 Chrvsene
 Concen: 49.379 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.5	38.3
229	20.1	16.6	24.8

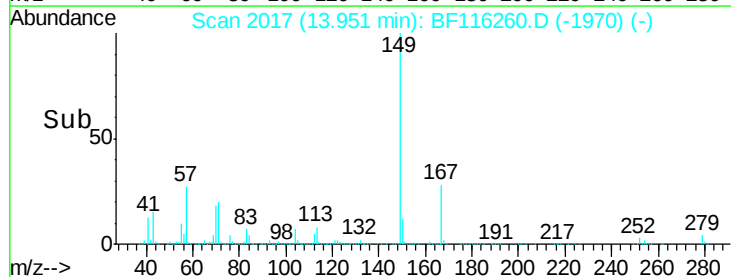
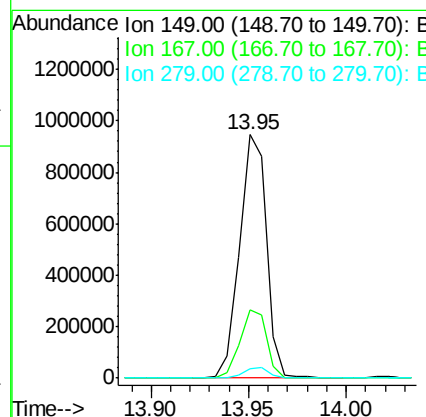
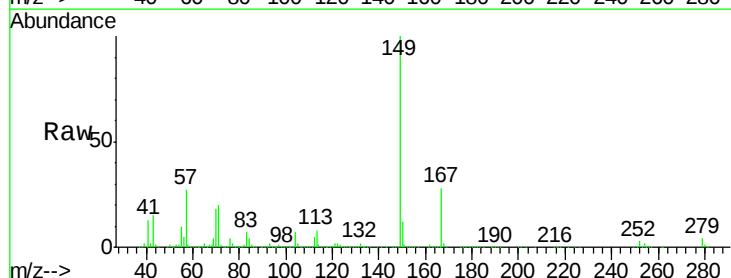
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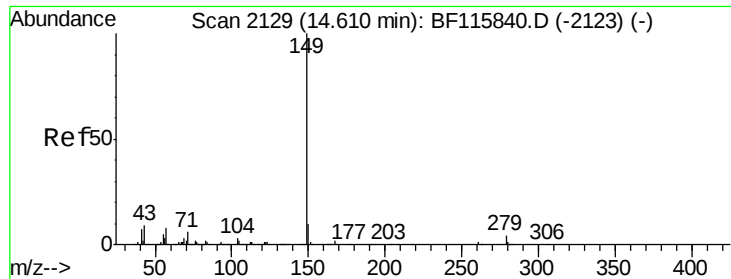
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 60.544 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. -0.02 min
 Lab File: BF116260.D
 Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.6	32.4
279	4.0	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 57.455 ng

RT: 14.56 min Scan# 2121

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

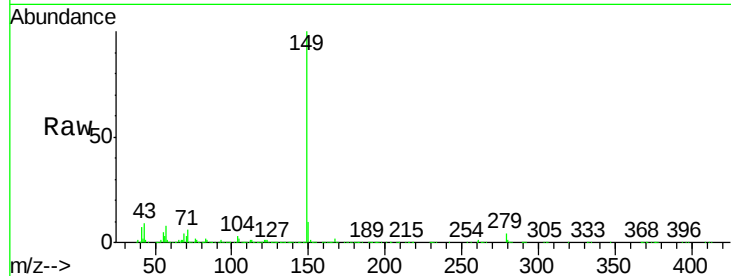
ClientSampleId :

SSTDCCC040

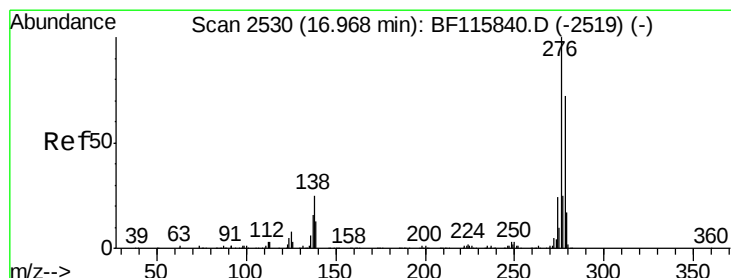
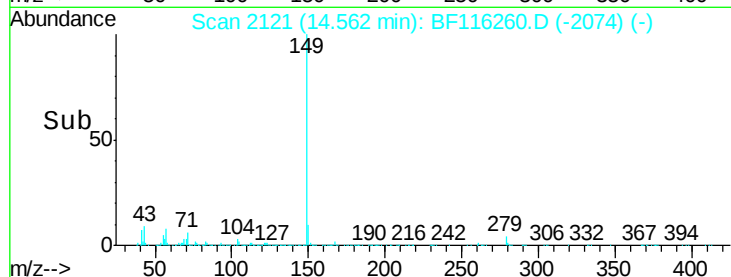
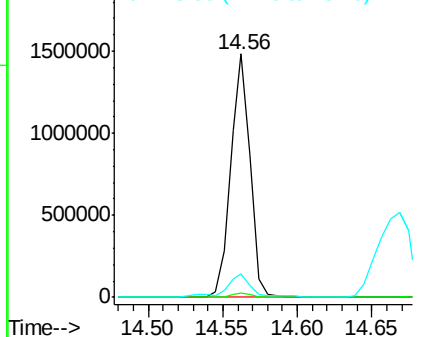
Tot Ion:	149	Resp:	1358147
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	10.5	7.5	11.3

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.897 ng

RT: 16.93 min Scan# 2523

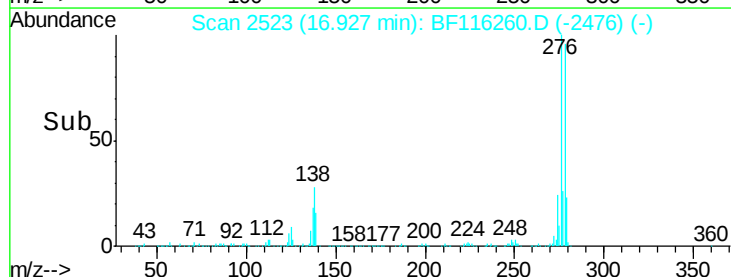
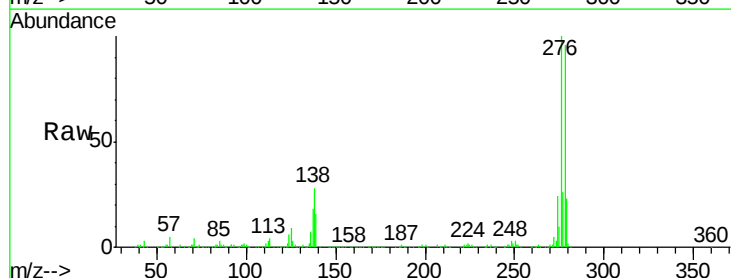
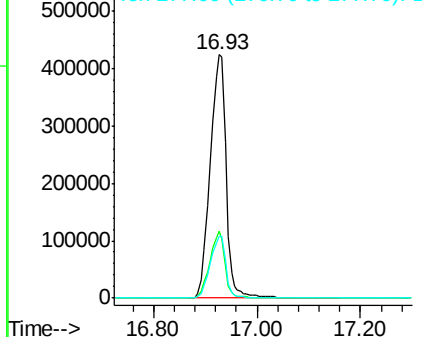
Delta R.T. -0.02 min

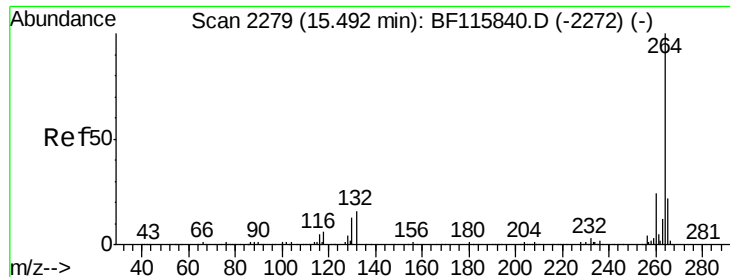
Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Tgt Ion:	276	Resp:	915282
Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.4	30.6
277	25.1	20.0	30.0

Abundance Ion 276.00 (275.70 to 276.70): E
500000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





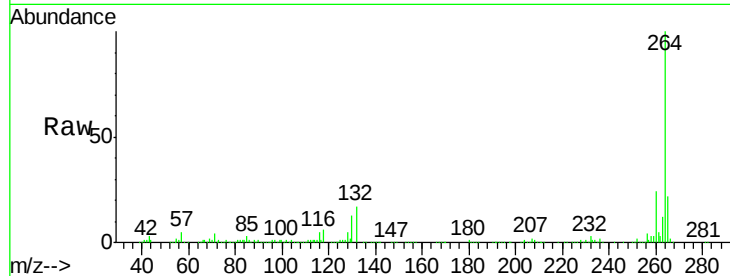
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

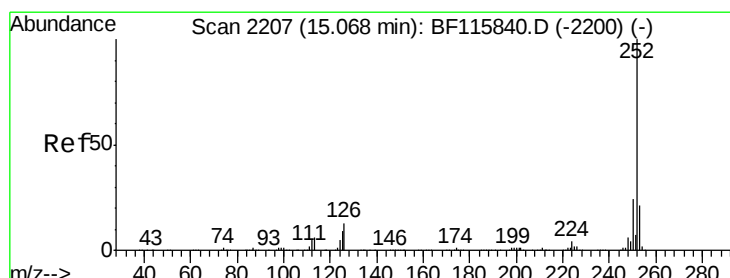
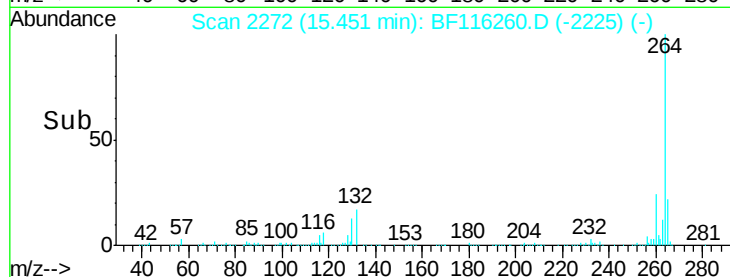
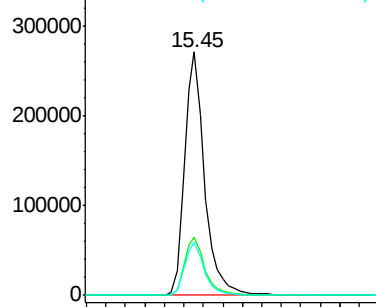
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.7	29.5
265	21.9	17.4	26.0

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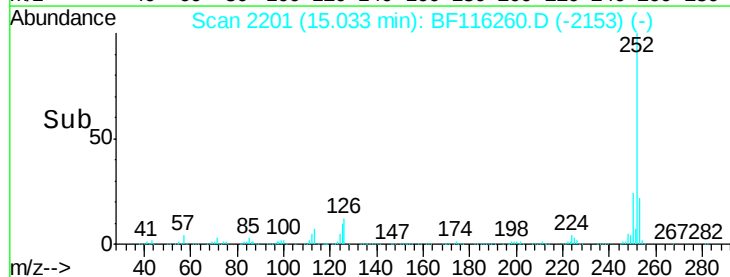
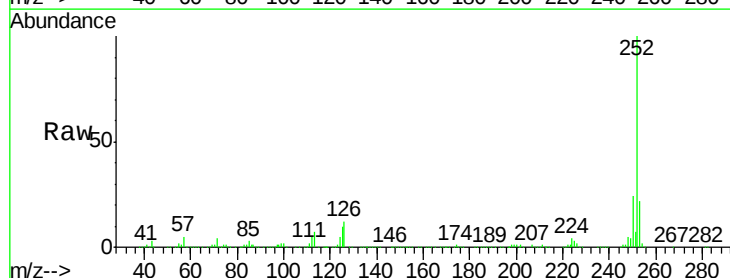
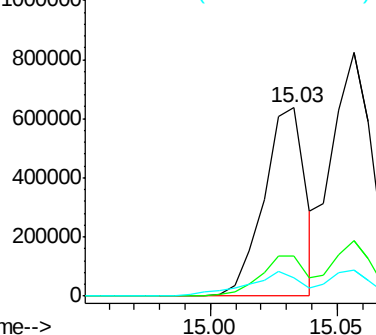
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 32.711 ng
RT: 15.03 min Scan# 2201
Delta R.T. -0.02 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.8	26.8
125	9.6	8.4	12.6

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: 42.880 ng

RT: 15.06 min Scan# 2205

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Instrument :

BNA_F

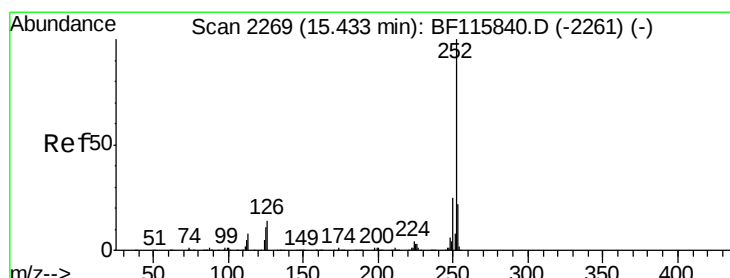
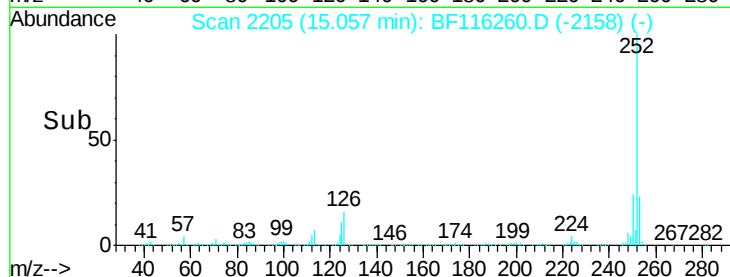
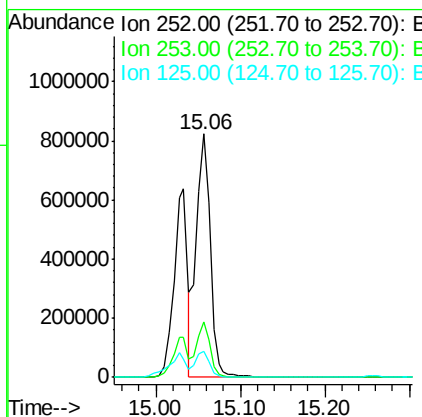
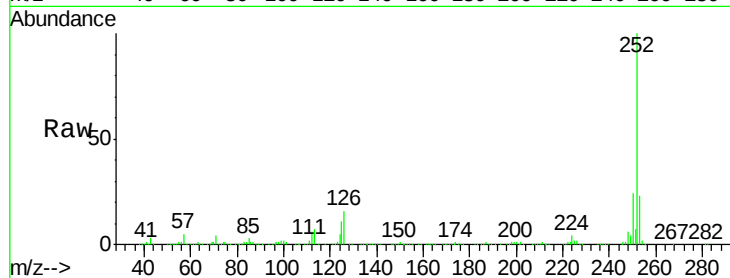
ClientSampleId :

SSTDCCC040

Tot Ion:	252	Resp:	927771
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.8	26.8
125	10.9	7.7	11.5

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#90

Benzo(a)pyrene

Concen: 30.825 ng

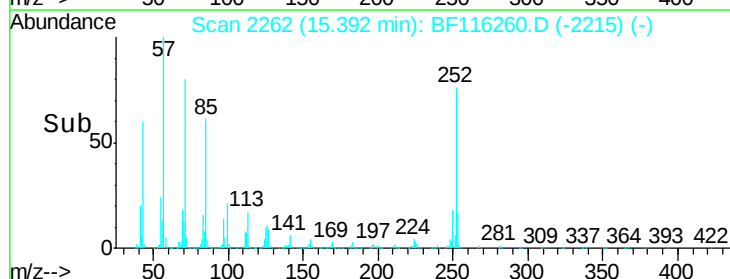
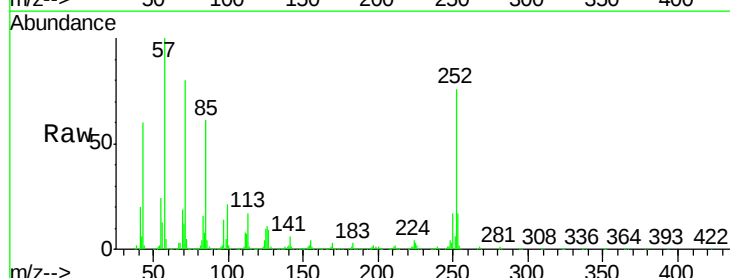
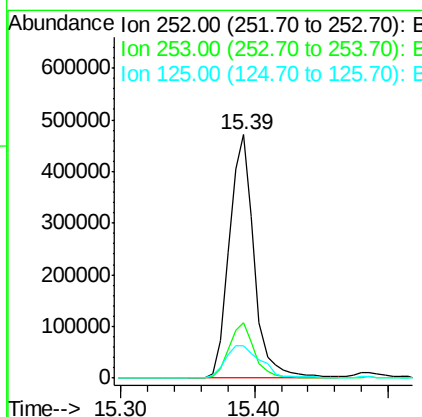
RT: 15.39 min Scan# 2262

Delta R.T. -0.02 min

Lab File: BF116260.D

Acq: 14 Aug 2019 13:30

Tgt Ion:	252	Resp:	612117
Ion Ratio	Lower	Upper	
252	100		
253	22.5	18.0	27.0
125	13.6	8.9	13.3#





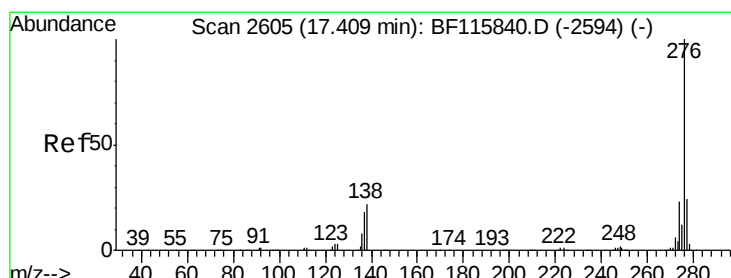
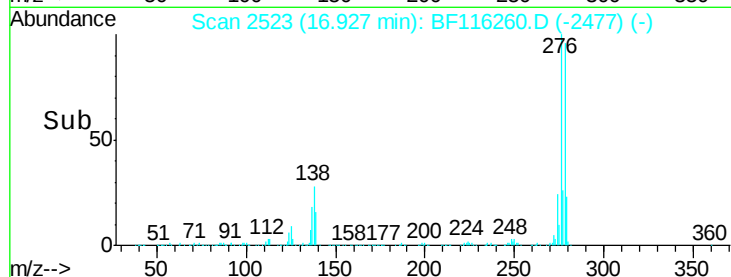
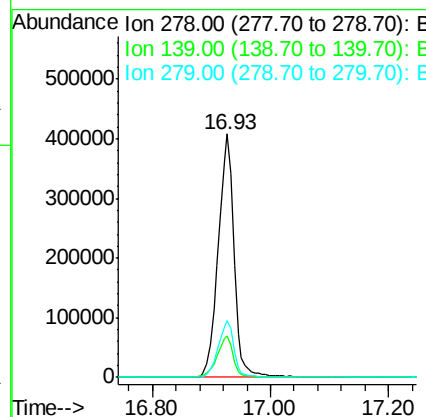
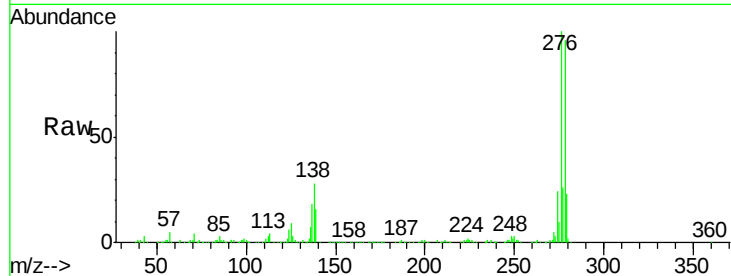
#91
Dibenzo(a,h)anthracene
Concen: 44.423 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.03 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.8	19.2
279	23.5	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/19/2019 10:41:45 AM



#92
Benzo(g,h,i)perylene
Concen: 45.863 ng
RT: 17.36 min Scan# 2596
Delta R.T. -0.03 min
Lab File: BF116260.D
Acq: 14 Aug 2019 13:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	22.4	17.0	25.6

