

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083119\
 Data File : BF116692.D
 Acq On : 31 Aug 2019 12:02
 Operator : HP/JU
 Sample : K4517-15MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMSD

Manual Integrations
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mohammad
 9/5/2019 9:23:14 AM

Quant Time: Aug 31 17:24:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 20:02:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	106192	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	421870	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	213768	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	365670	20.00	ng	0.00
76) Chrysene-d12	14.00	240	274874	20.00	ng	0.00
87) Perylene-d12	15.45	264	265890	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	708599	108.10	ng	0.00
7) Phenol-d6	6.48	99	994768	115.57	ng	0.00
23) Nitrobenzene-d5	7.41	82	637281	86.24	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	191094	133.72	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	761651	60.10	ng	0.00
79) Terphenyl-d14	12.94	244	786953	52.96	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.62	88	109996	36.352 ng	99
3) Pyridine	3.37	79	278326	31.769 ng	93
4) n-Nitrosodimethylamine	3.30	42	114386	38.021 ng	84
6) Aniline	6.51	93	298624	25.050 ng	96
8) 2-Chlorophenol	6.63	128	302698	42.303 ng	97
9) Benzaldehyde	6.39	77	208103	36.699 ng	98
10) Phenol	6.49	94	415749	43.621 ng	96
11) bis(2-Chloroethyl)ether	6.58	93	291356	39.260 ng	98
12) 1,3-Dichlorobenzene	6.79	146	313126	38.719 ng	95
13) 1,4-Dichlorobenzene	6.86	146	312845	38.856 ng	97
14) 1,2-Dichlorobenzene	7.02	146	297979	39.936 ng	98
15) Benzyl Alcohol	6.99	79	285130	40.810 ng	96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	324455	37.264 ng	99
17) 2-Methylphenol	7.10	107	252703	40.342 ng	96
18) Hexachloroethane	7.36	117	119728	38.274 ng	89
19) n-Nitroso-di-n-propylamine	7.26	70	223312	39.404 ng	92
20) 3+4-Methylphenols	7.25	107	309577	42.506 ng	# 79
22) Acetophenone	7.25	105	419145	41.268 ng	98
24) Nitrobenzene	7.43	77	337003	44.839 ng	94
25) Isophorone	7.66	82	611080	40.808 ng	99
26) 2-Nitrophenol	7.75	139	148918	53.294 ng	89
27) 2,4-Dimethylphenol	7.78	122	268800	47.632 ng	98
28) bis(2-Chloroethoxy)methane	7.87	93	371805	40.631 ng	99
29) 2,4-Dichlorophenol	7.99	162	244157	45.020 ng	99
30) 1,2,4-Trichlorobenzene	8.07	180	240459	40.878 ng	95
31) Naphthalene	8.15	128	862837	43.012 ng	98
32) Benzoic acid	7.87	122	62650	19.662 ng	97
33) 4-Chloroaniline	8.19	127	128691	14.093 ng	98
34) Hexachlorobutadiene	8.27	225	127668	39.805 ng	97
35) Caprolactam	8.56	113	87289m	43.007 ng	
36) 4-Chloro-3-methylphenol	8.67	107	288274	46.248 ng	99
37) 2-Methylnaphthalene	8.85	142	581997	43.604 ng	98
38) 1-Methylnaphthalene	8.94	142	546342	43.362 ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	210009	40.982 ng	# 97

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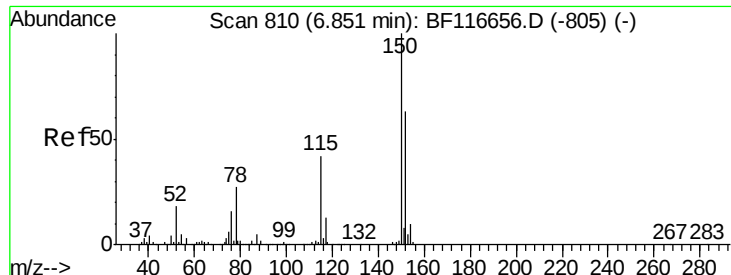
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	241270	81.533	ng	96
43) 2,4,6-Trichlorophenol	9.12	196	158735	45.188	ng	96
44) 2,4,5-Trichlorophenol	9.16	196	169382	46.446	ng	95
46) 1,1'-Biphenyl	9.30	154	680511	41.953	ng	97
47) 2-Chloronaphthalene	9.33	162	536231	41.738	ng	98
48) 2-Nitroaniline	9.42	65	178290	48.001	ng	95
49) Acenaphthylene	9.75	152	867260	44.656	ng	100
50) Dimethylphthalate	9.60	163	712666	48.289	ng	99
51) 2,6-Dinitrotoluene	9.66	165	142481	50.600	ng	87
52) Acenaphthene	9.92	154	551985	46.258	ng	98
53) 3-Nitroaniline	9.83	138	104701	29.671	ng	94
54) 2,4-Dinitrophenol	9.93	184	76765	77.190	ng	90
55) Dibenzofuran	10.09	168	754558	44.856	ng	97
56) 4-Nitrophenol	9.99	139	257993	106.626	ng	87
57) 2,4-Dinitrotoluene	10.06	165	191047	55.488	ng	95
58) Fluorene	10.43	166	591357	46.136	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.20	232	132221	50.236	ng	96
60) Diethylphthalate	10.30	149	639667	43.269	ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	247155	44.034	ng	95
62) 4-Nitroaniline	10.44	138	170656	49.833	ng	94
63) Azobenzene	10.58	77	684451	44.401	ng	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	65984	48.841	ng	95
66) n-Nitrosodiphenylamine	10.54	169	528431	41.774	ng	98
67) 4-Bromophenyl-phenylether	10.91	248	149001	40.111	ng	97
68) Hexachlorobenzene	10.98	284	155575	40.029	ng	98
69) Atrazine	11.06	200	152290	42.985	ng	94
70) Pentachlorophenol	11.17	266	159839	85.016	ng	98
71) Phenanthrene	11.39	178	1041667	51.174	ng	99
72) Anthracene	11.44	178	917182	44.761	ng	100
73) Carbazole	11.59	167	869744	44.560	ng	99
74) Di-n-butylphthalate	11.93	149	1047568	41.865	ng	100
75) Fluoranthene	12.57	202	1166055	58.290	ng	96
77) Benzidine	12.69	184	359340	33.330	ng	99
78) Pyrene	12.80	202	1154423	47.246	ng	99
80) Butylbenzylphthalate	13.42	149	469760	39.534	ng	98
81) Benzo(a)anthracene	13.99	228	831848	47.816	ng	99
82) 3,3'-Dichlorobenzidine	13.94	252	176550	30.030	ng	# 97
83) Chrysene	14.03	228	844905	47.141	ng	98
84) Bis(2-ethylhexyl)phthalate	13.98	149	630575	42.990	ng	98
85) Di-n-octyl phthalate	14.59	149	1126838	46.945	ng	96
86) Indeno(1,2,3-cd)pyrene	16.90	276	716940	49.801	ng	# 94
88) Benzo(b)fluoranthene	15.03	252	790792	49.193	ng	# 98
89) Benzo(k)fluoranthene	15.06	252	622858	42.495	ng	# 97
90) Benzo(a)pyrene	15.39	252	661957	47.331	ng	98
91) Dibenzo(a,h)anthracene	16.92	278	552129	45.102	ng	# 95
92) Benzo(g,h,i)perylene	17.34	276	622211	49.836	ng	# 94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

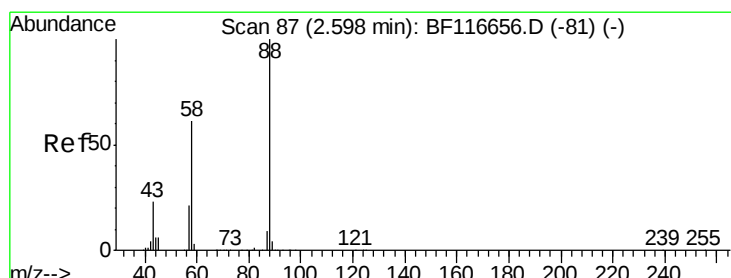
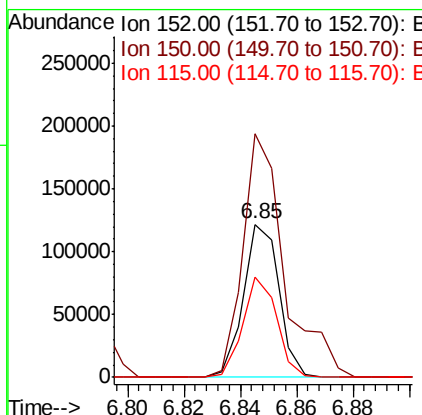
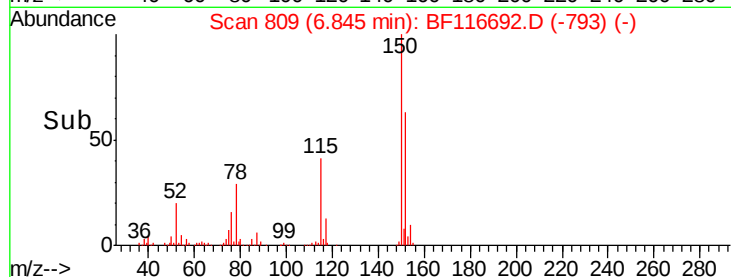
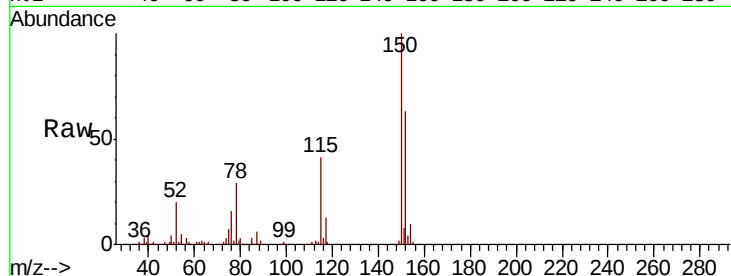
ClientSampleId :

T4-S-CMSD

Tot Ion:	152	Resp:	106192
Ion Ratio	Lower	Upper	
152	100		
150	159.4	124.4	186.6
115	65.5	49.9	74.9

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#2

1,4-Dioxane

Concen: 36.352 ng

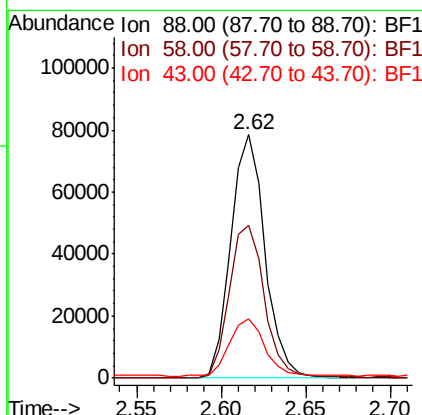
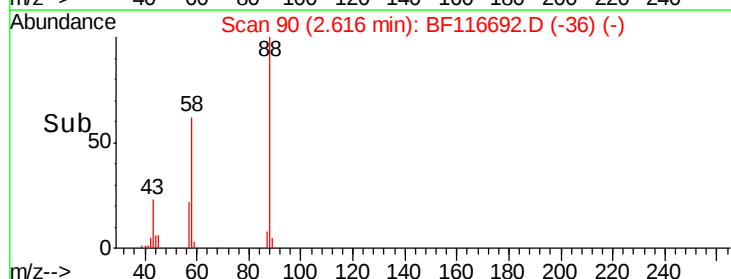
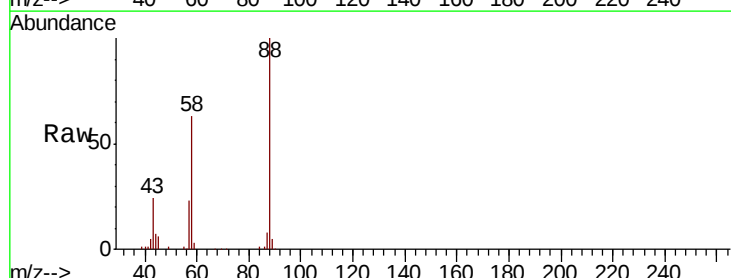
RT: 2.62 min Scan# 90

Delta R.T. 0.02 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion:	88	Resp:	109996
Ion Ratio	Lower	Upper	
88	100		
58	65.7	51.7	77.5
43	24.7	19.8	29.8





#3

Pvridine

Concen: 31.769 ng

RT: 3.37 min Scan# 218

Delta R.T. 0.02 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

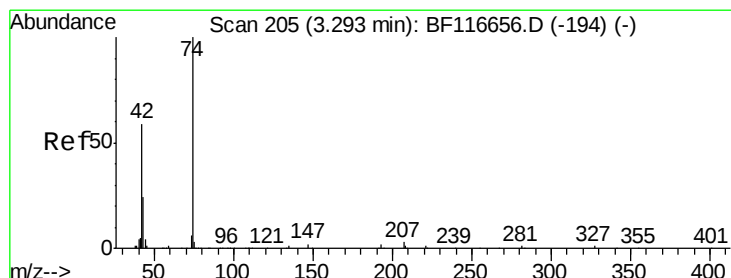
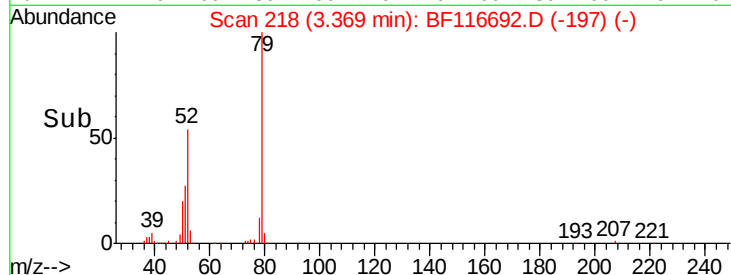
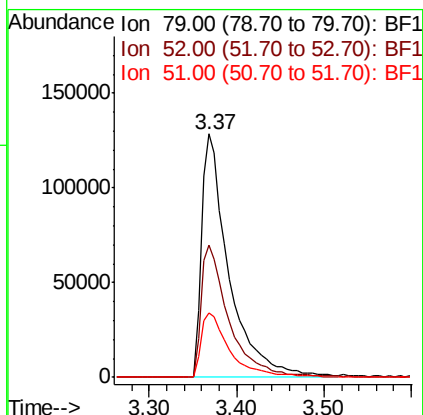
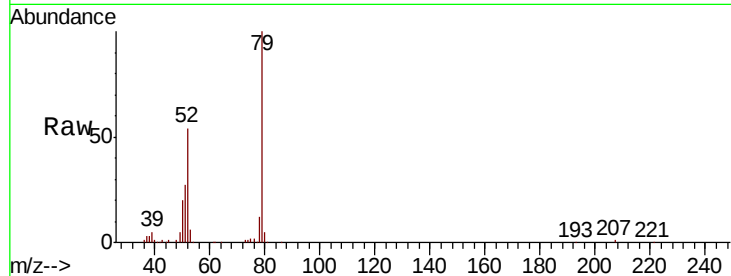
ClientSampleId :

T4-S-CMSD

Tot Ion:	79	Resp:	278326
Ion Ratio	Lower	Upper	
79	100		
52	54.2	47.4	71.0
51	26.6	24.1	36.1

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#4

n-Nitrosodimethylamine

Concen: 38.021 ng

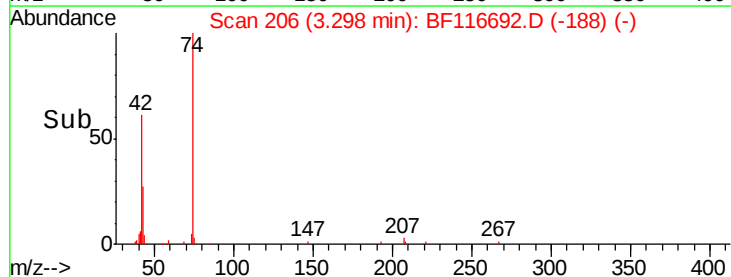
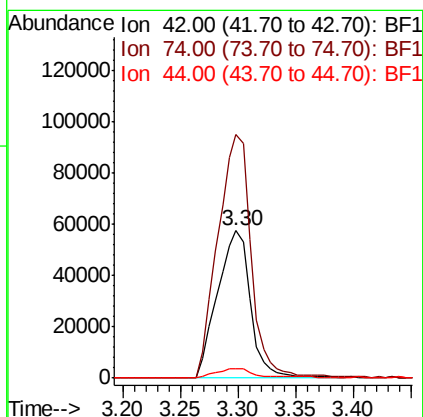
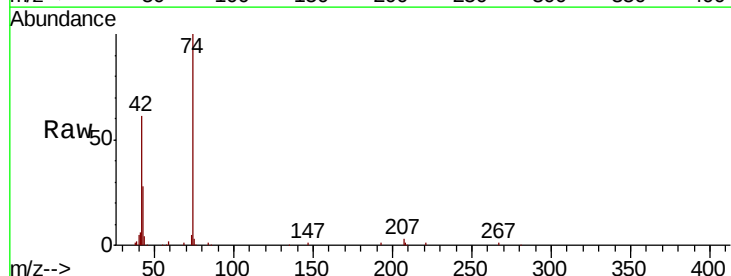
RT: 3.30 min Scan# 206

Delta R.T. 0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion:	42	Resp:	114386
Ion Ratio	Lower	Upper	
42	100		
74	165.1	115.6	173.4
44	6.3	4.6	7.0





#5

2-Fluorophenol

Concen: 108.103 ng

RT: 5.47 min Scan# 575

Delta R.T. 0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

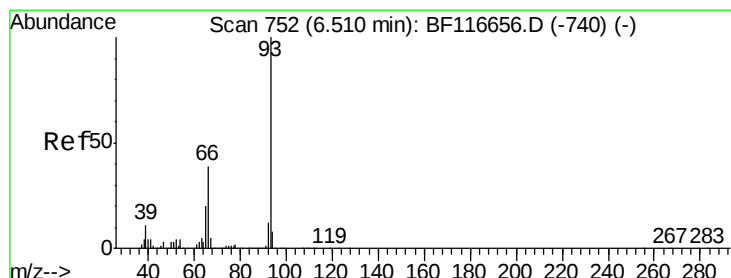
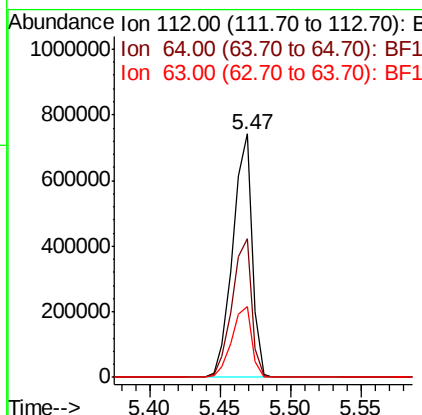
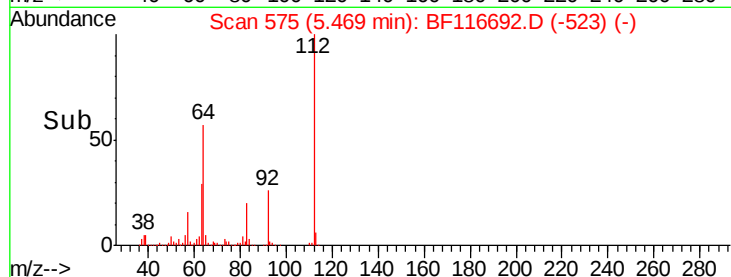
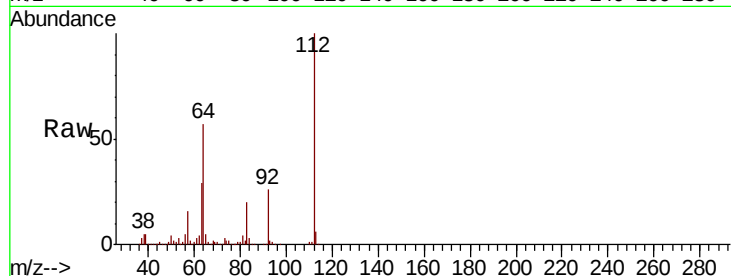
ClientSampleId :

T4-S-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		708599		
64	56.9	47.1	70.7		
63	29.1	24.9	37.3		

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#6

Aniline

Concen: 25.050 ng

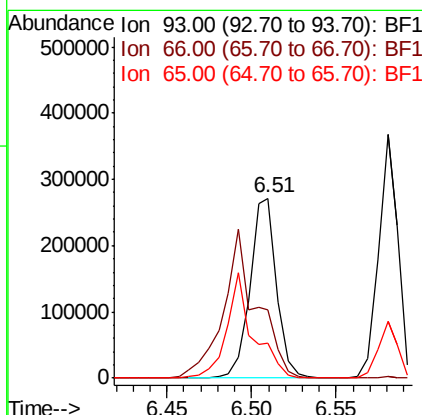
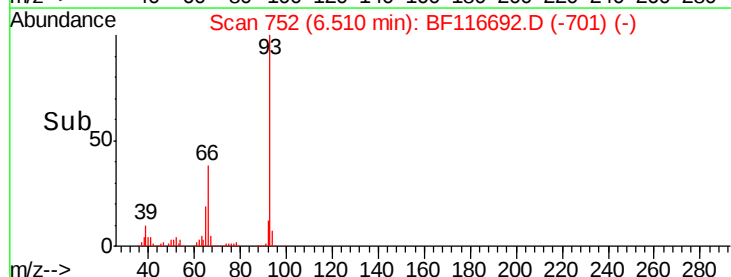
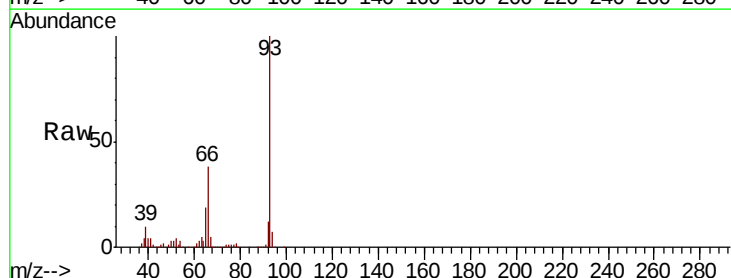
RT: 6.51 min Scan# 752

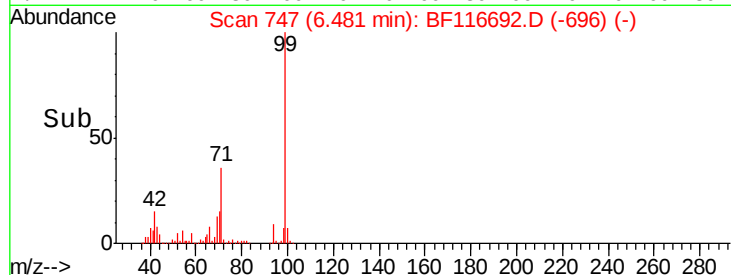
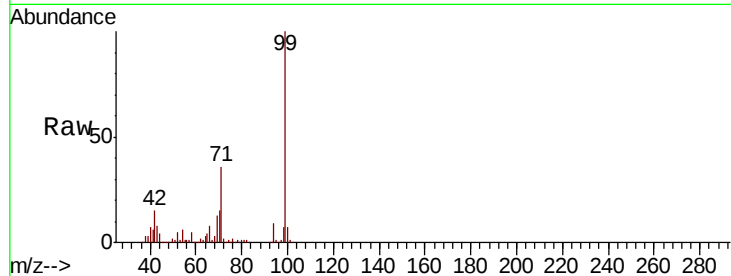
Delta R.T. -0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		298624		
66	38.1	32.7	49.1		
65	19.1	16.3	24.5		





#7

Phenol-d6

Concen: 115.574 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tot Ion:	99	Resp:	994768
Ion Ratio	Lower	Upper	
99	100		
42	15.3	13.7	20.5
71	35.5	30.8	46.2

Instrument :

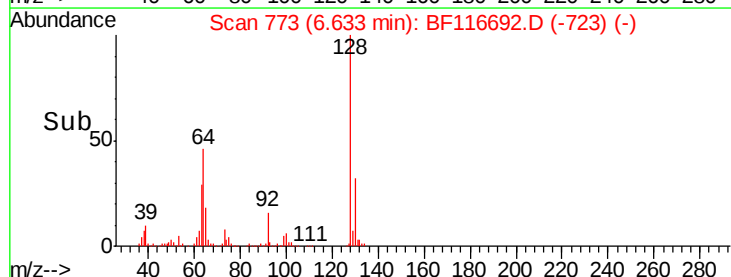
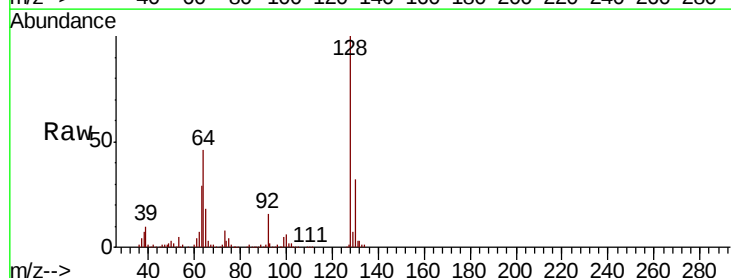
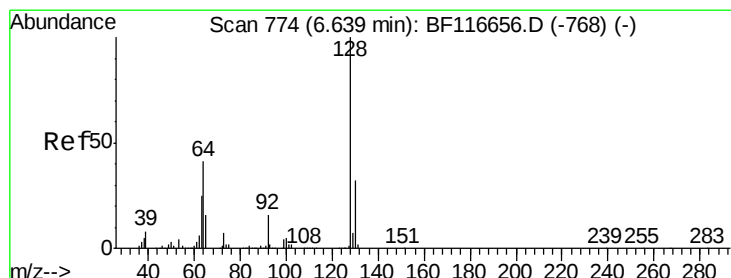
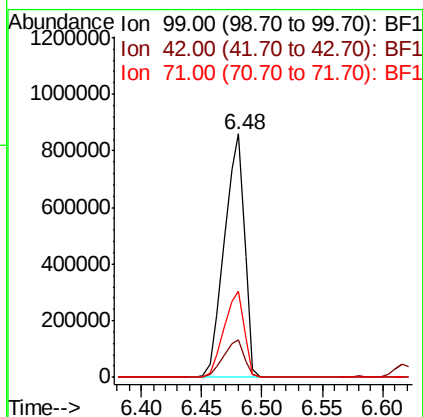
BNA_F

ClientSampleId :

T4-S-CMSD

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#8

2-Chlorophenol

Concen: 42.303 ng

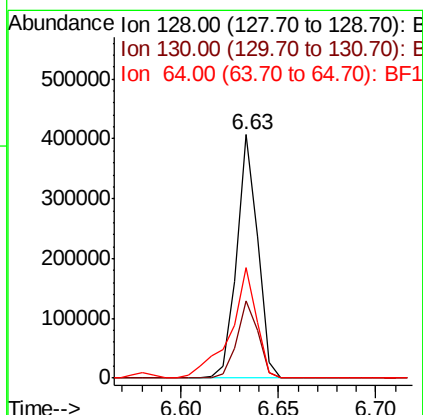
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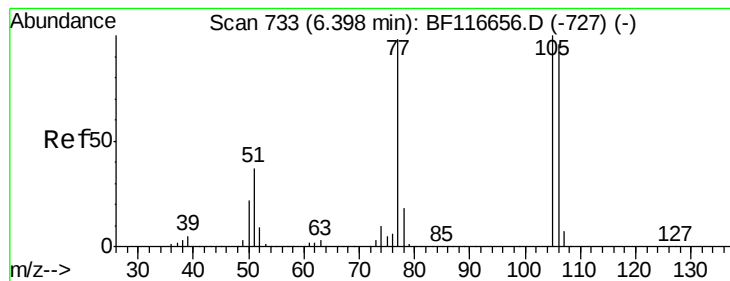
Delta R.T. -0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion:	128	Resp:	302698
Ion Ratio	Lower	Upper	
128	100		
130	31.5	12.3	52.3
64	45.6	22.5	62.5





#9

Benzaldehyde

Concen: 36.699 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

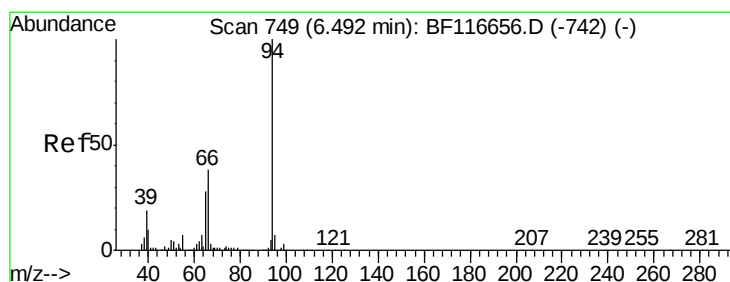
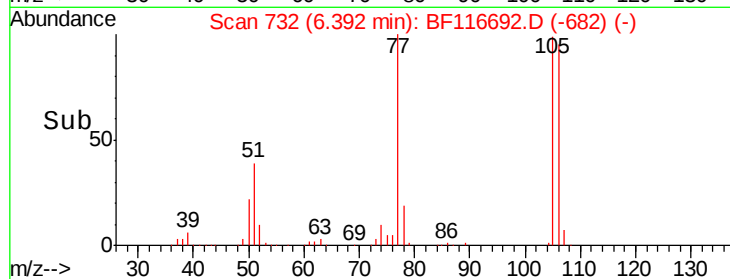
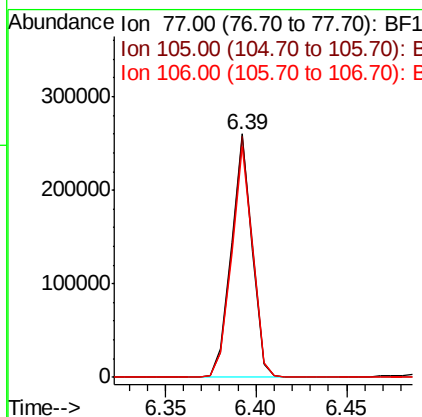
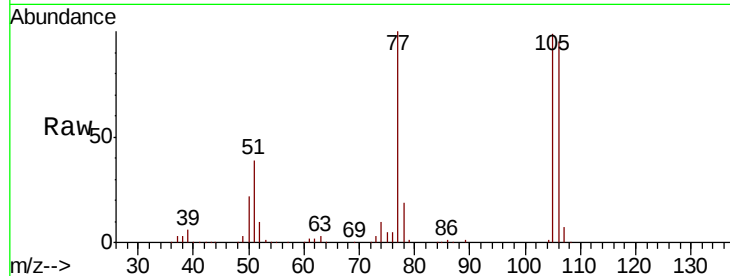
ClientSampleId :

T4-S-CMSD

Tot Ion:	77	Resp:	208103
Ion Ratio	Lower	Upper	
77	100		
105	98.9	76.7	116.7
106	95.0	73.1	113.1

Manual Integrations
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#10

Phenol

Concen: 43.621 ng

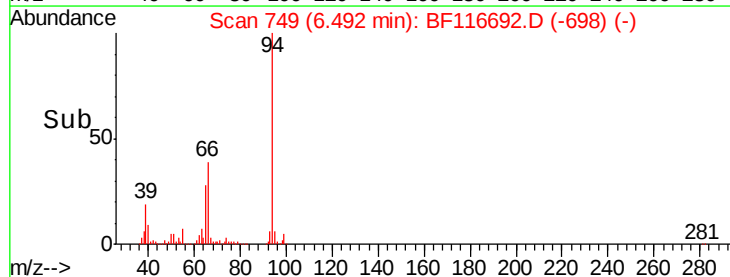
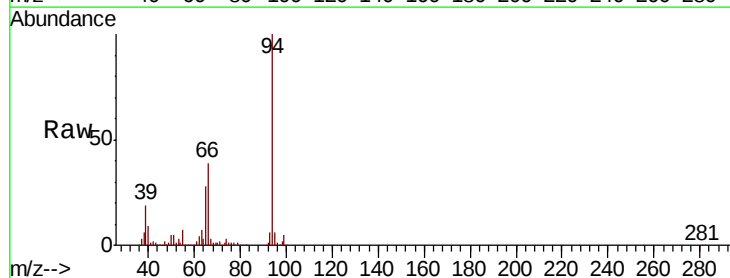
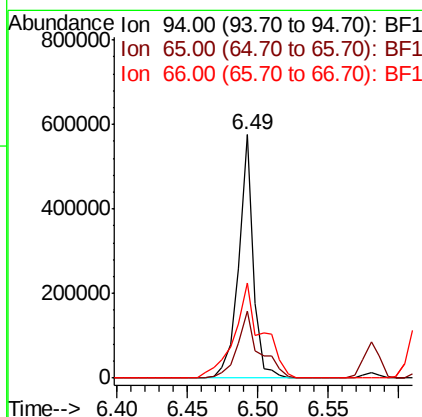
RT: 6.49 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion:	94	Resp:	415749
Ion Ratio	Lower	Upper	
94	100		
65	27.7	10.8	50.8
66	39.0	21.1	61.1





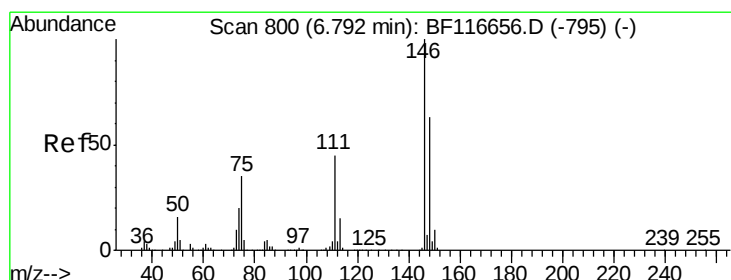
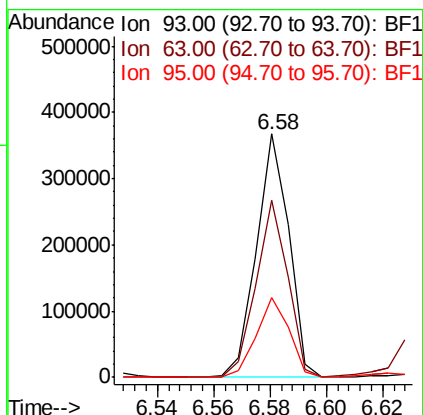
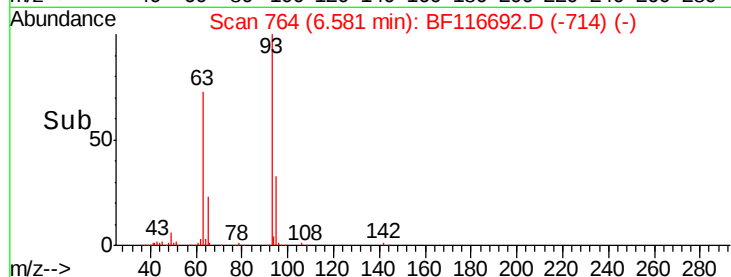
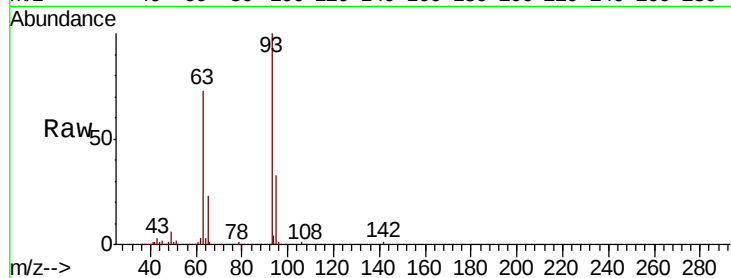
#11
bis(2-Chloroethyl)ether
Concen: 39.260 ng
RT: 6.58 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	72.7	49.9	89.9
95	32.8	12.7	52.7

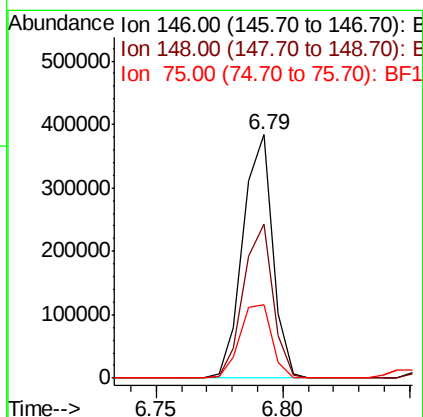
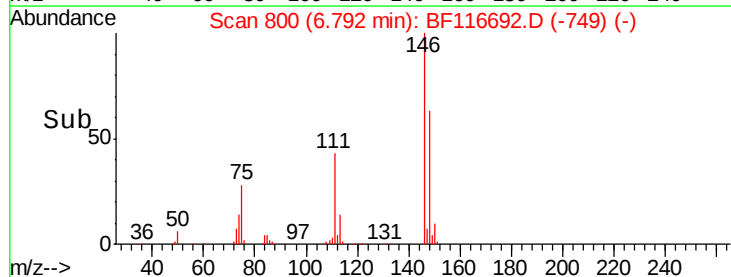
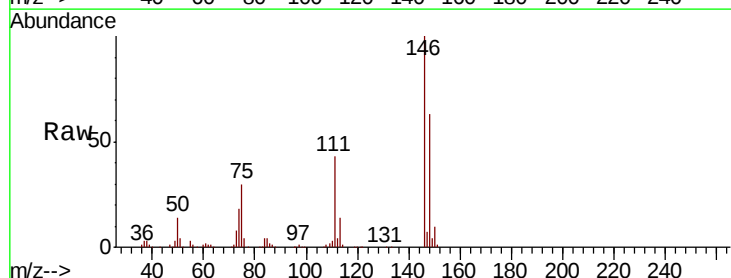
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#12
1,3-Dichlorobenzene
Concen: 38.719 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.4	77.0
75	30.2	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 38.856 ng

RT: 6.86 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

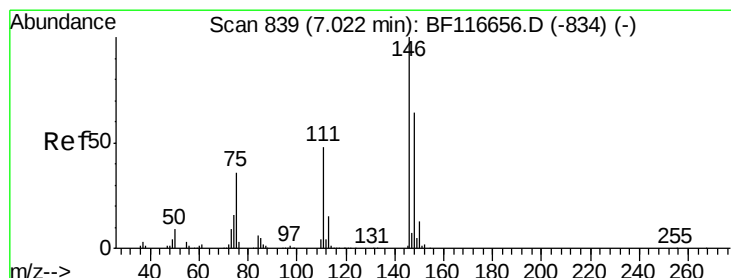
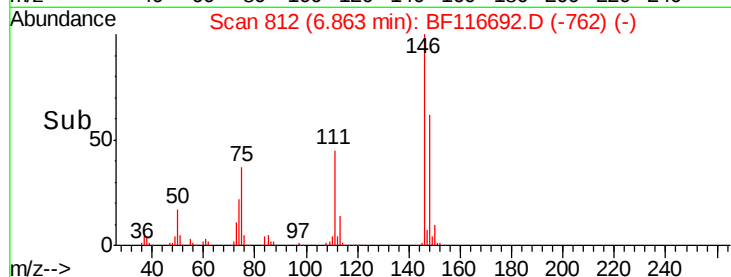
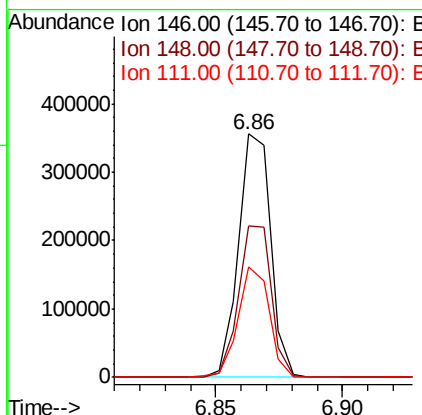
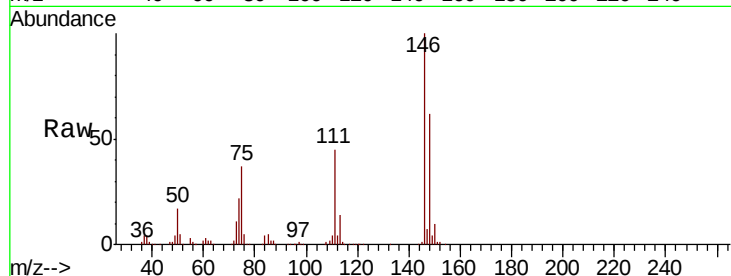
ClientSampleId :

T4-S-CMSD

Tot Ion:	146	Resp:	312845
Ion Ratio	Lower	Upper	
146	100		
148	62.0	51.4	77.2
111	45.4	34.8	52.2

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#14

1,2-Dichlorobenzene

Concen: 39.936 ng

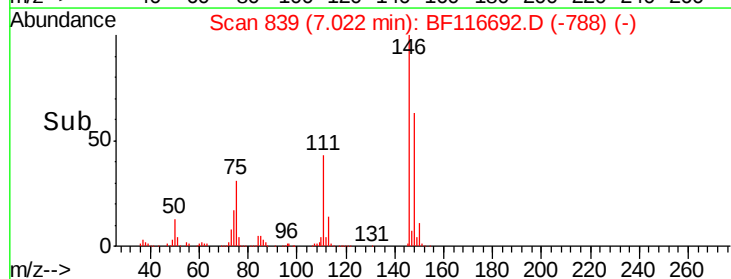
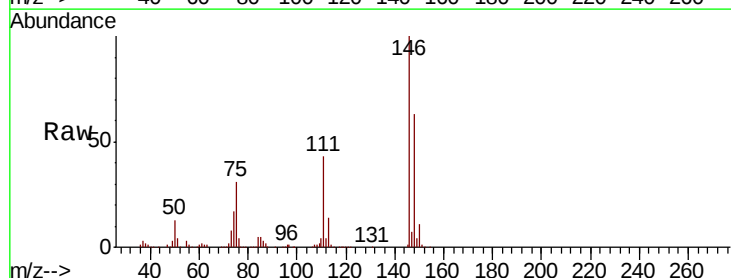
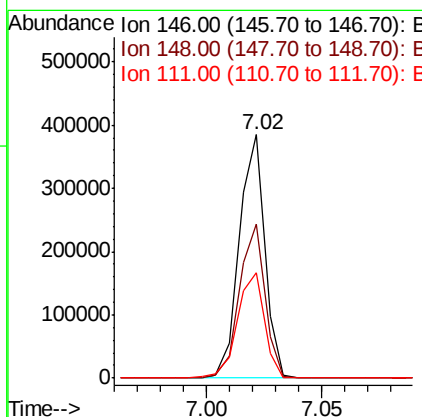
RT: 7.02 min Scan# 839

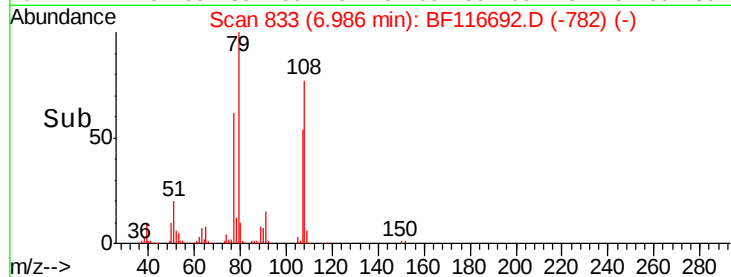
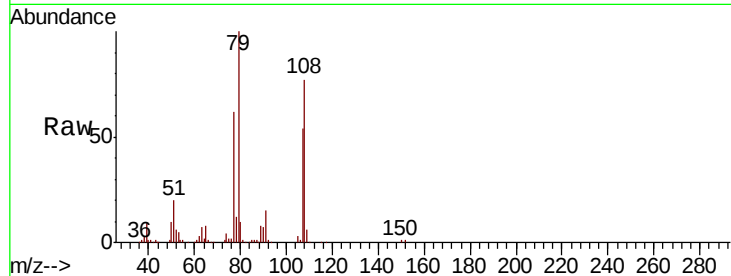
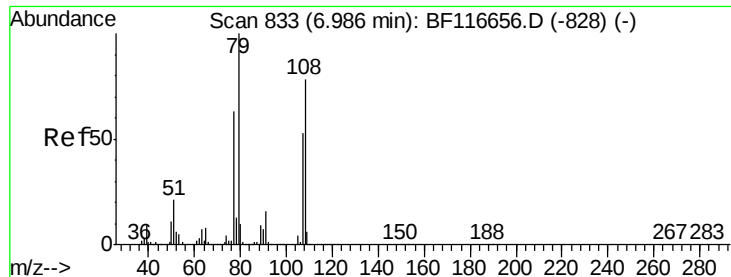
Delta R.T. -0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion:	146	Resp:	297979
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.6	78.8
111	43.2	34.2	51.4





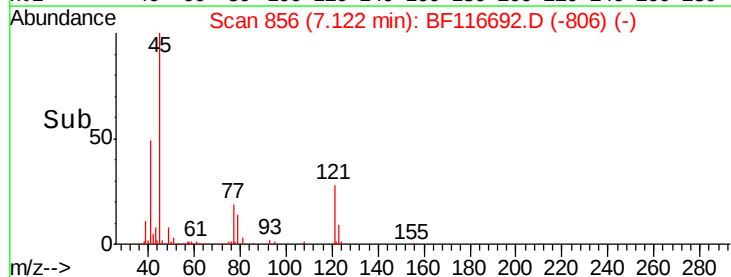
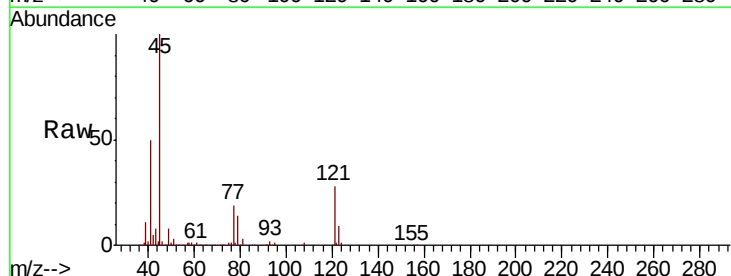
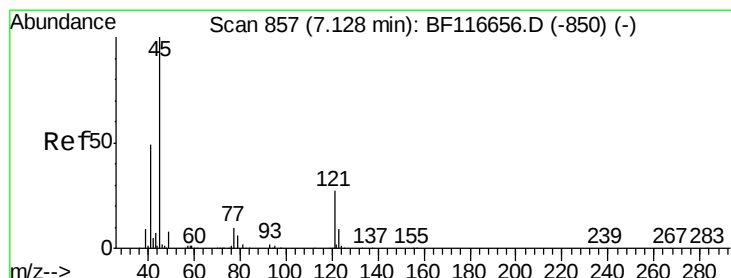
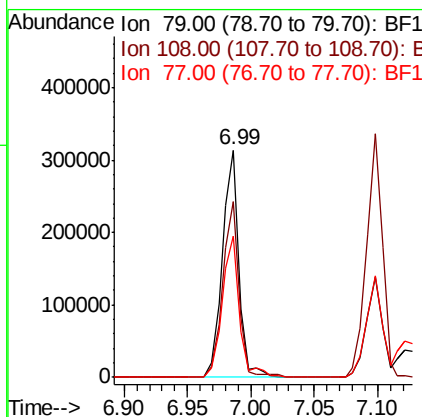
#15
Benzyl Alcohol
Concen: 40.810 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tot Ion:	79	Resp:	285130
Ion Ratio	Lower	Upper	
79	100		
108	77.1	59.2	88.8
77	62.4	53.0	79.4

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

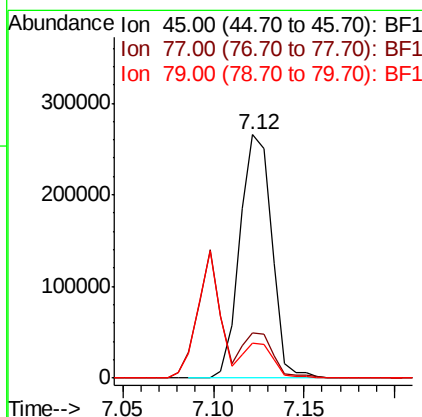
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.264 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion:	45	Resp:	324455
Ion Ratio	Lower	Upper	
45	100		
77	18.7	0.0	38.2
79	14.1	0.0	33.9





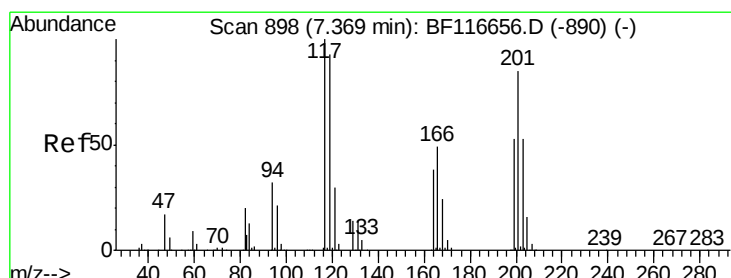
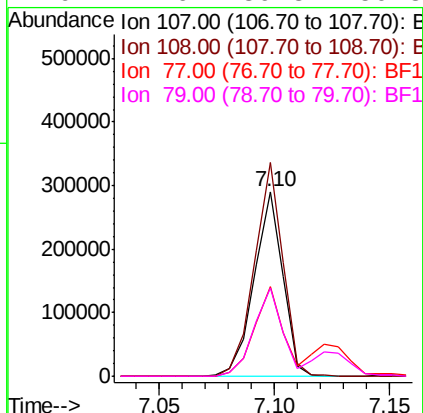
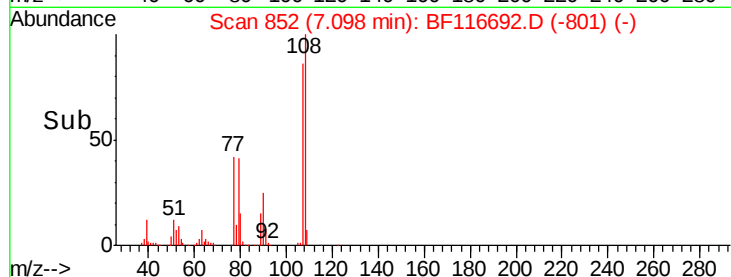
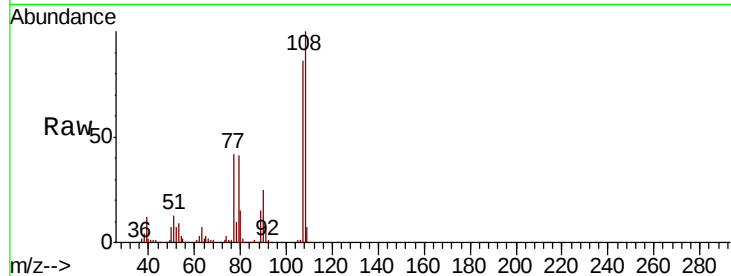
#17
2-Methylphenol
Concen: 40.342 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	252703		
108	115.7	88.3	132.5	
77	48.3	39.9	59.9	
79	47.6	39.8	59.8	

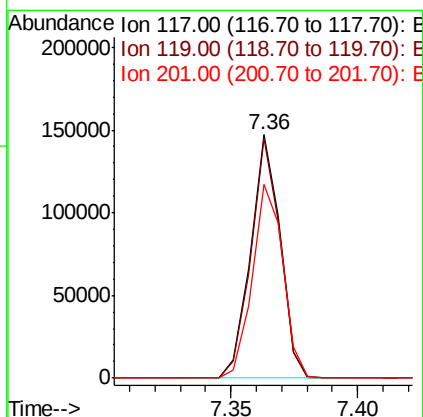
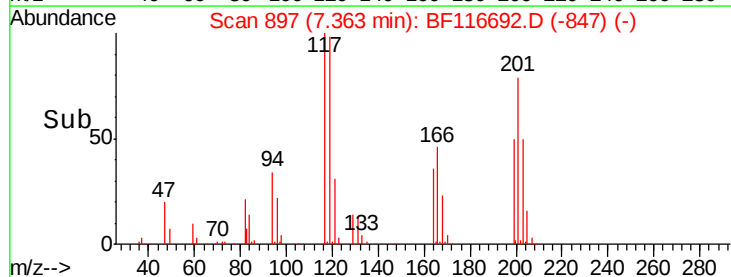
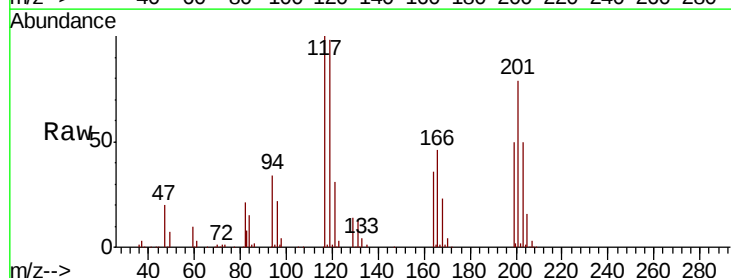
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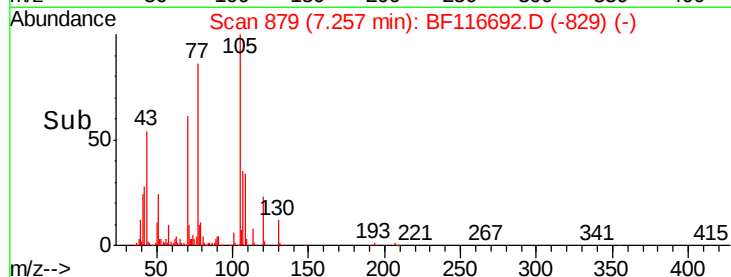
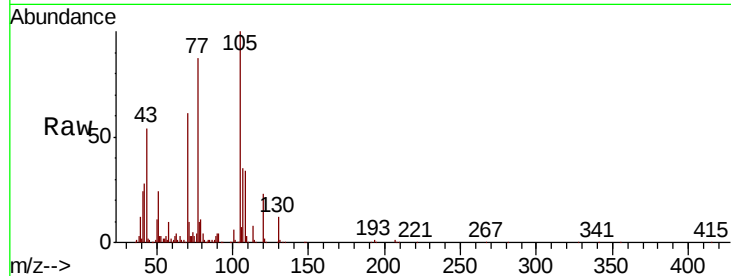
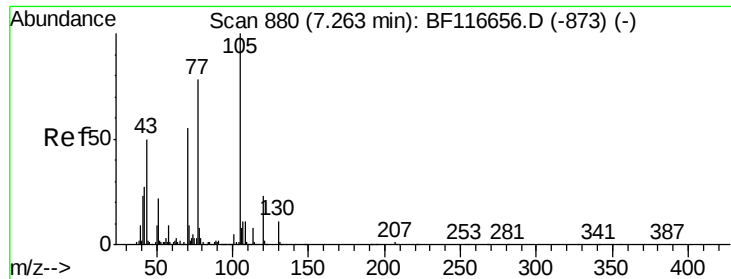
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#18
Hexachloroethane
Concen: 38.274 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	119728		
119	98.3	76.9	115.3	
201	79.4	79.4	119.0	





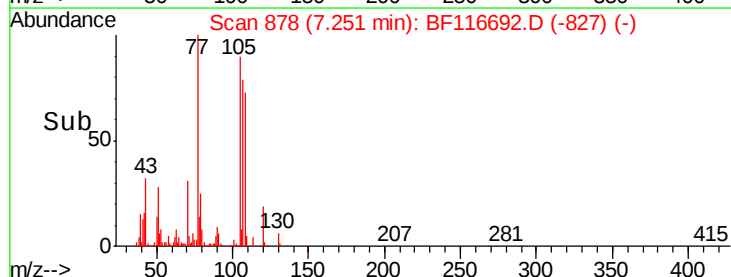
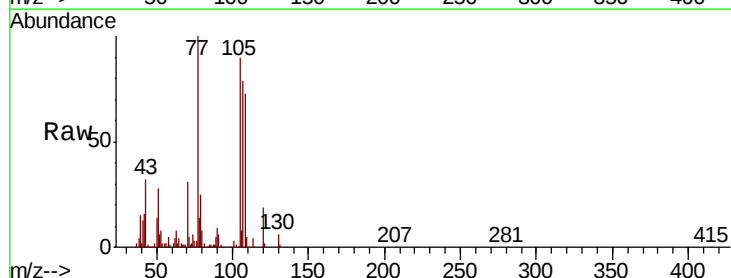
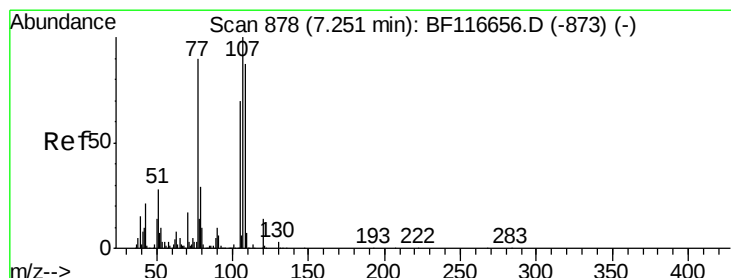
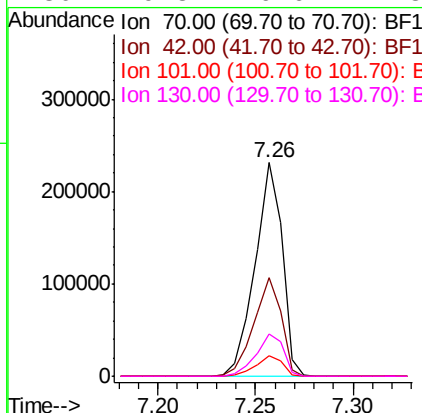
#19
n-Nitroso-di-n-propylamine
Concen: 39.404 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.4	43.5	65.3
101	9.6	7.8	11.6
130	19.8	16.6	24.8

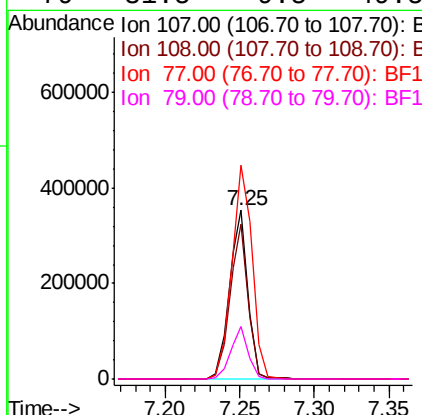
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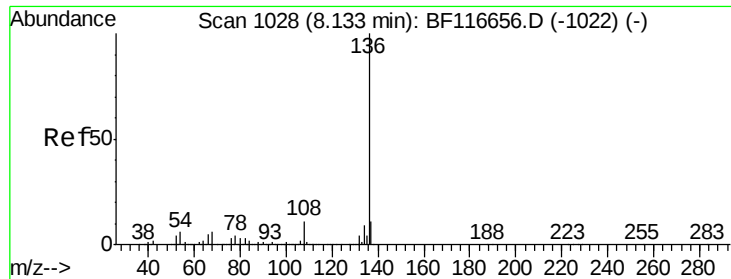
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#20
3+4-Methylphenols
Concen: 42.506 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	65.5	105.5
77	126.6	69.4	109.4#
79	31.5	9.5	49.5





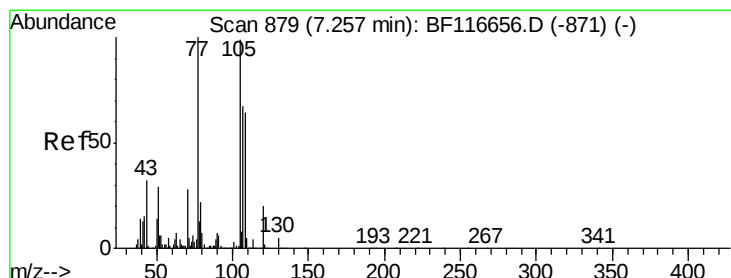
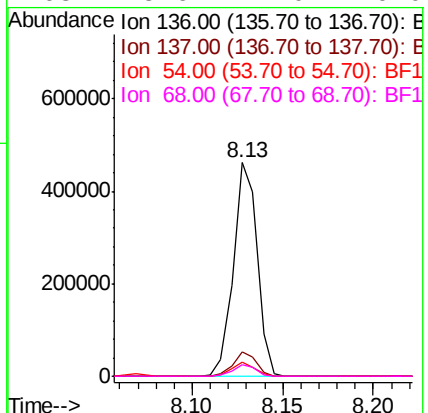
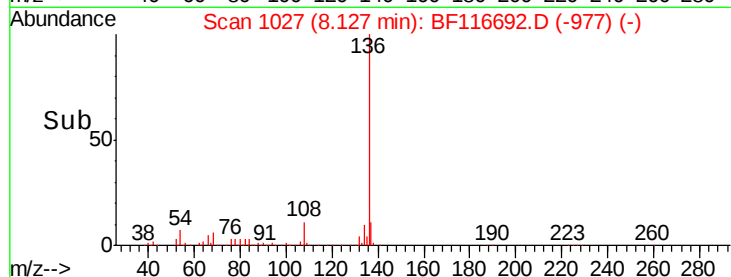
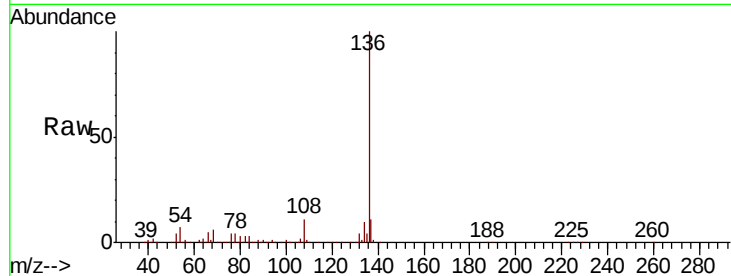
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	421870		
137	11.4	8.9	13.3	
54	6.7	4.8	7.2	
68	5.6	4.0	6.0	

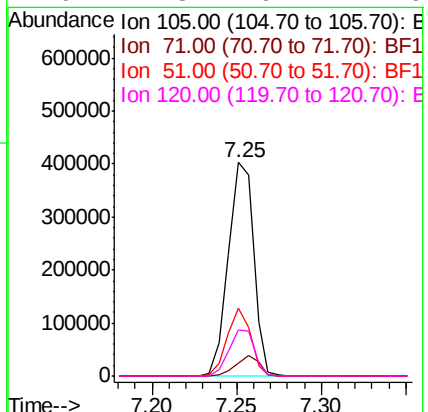
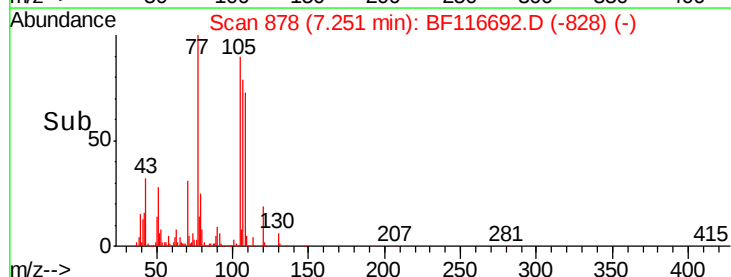
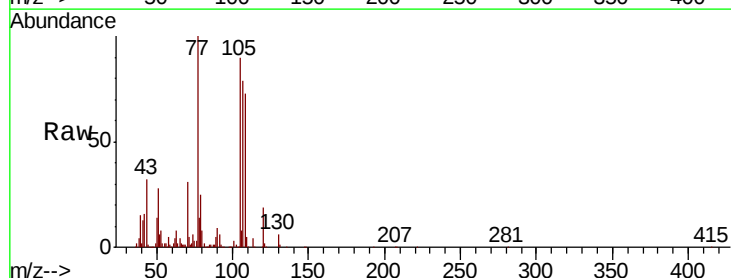
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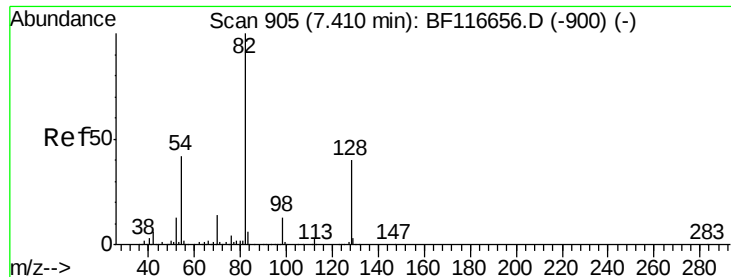
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#22
Acetophenone
Concen: 41.268 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	419145		
71	5.9	4.2	6.4	
51	31.5	25.8	38.8	
120	21.3	16.4	24.6	





#23

Nitrobenzene-d5

Concen: 86.237 ng

RT: 7.41 min Scan# 905

Delta R.T. -0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

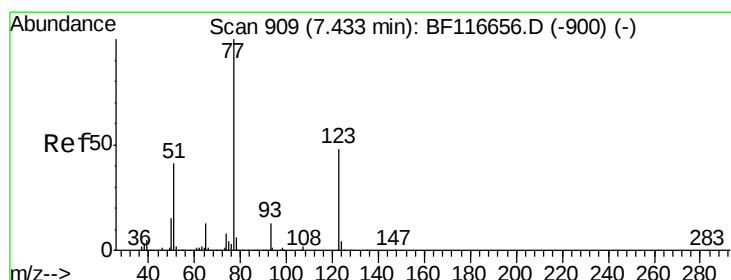
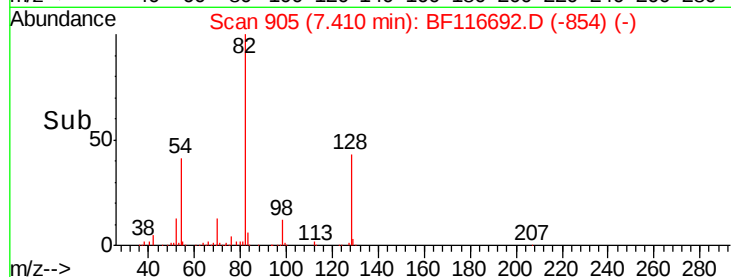
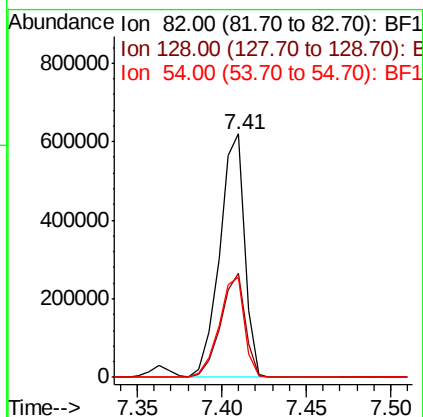
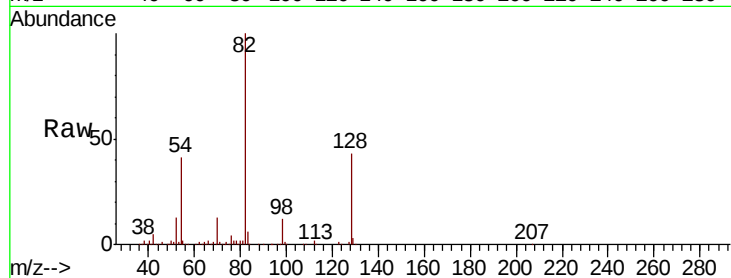
ClientSampleId :

T4-S-CMSD

Tot Ion:	82	Resp:	637281
Ion Ratio	Lower	Upper	
82	100		
128	42.6	32.8	49.2
54	41.3	36.9	55.3

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#24

Nitrobenzene

Concen: 44.839 ng

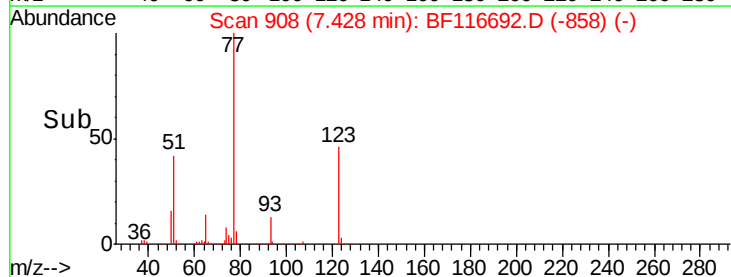
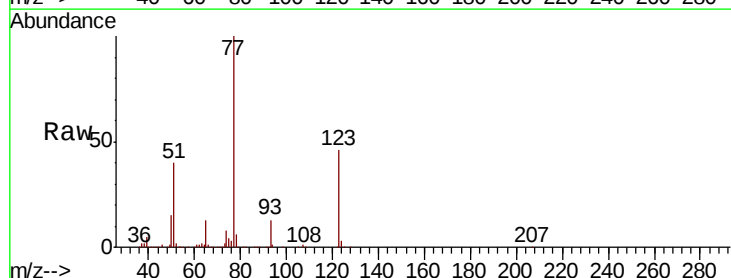
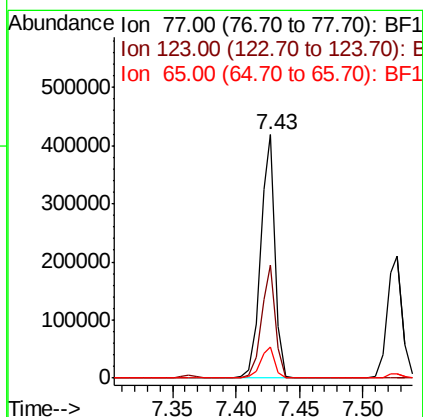
RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion:	77	Resp:	337003
Ion Ratio	Lower	Upper	
77	100		
123	46.4	33.1	49.7
65	13.0	10.6	15.8





#25

Isophorone

Concen: 40.808 ng

RT: 7.66 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

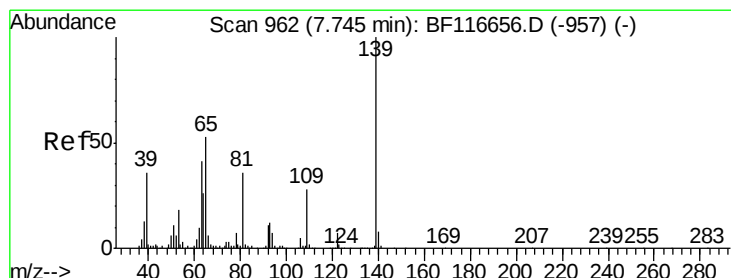
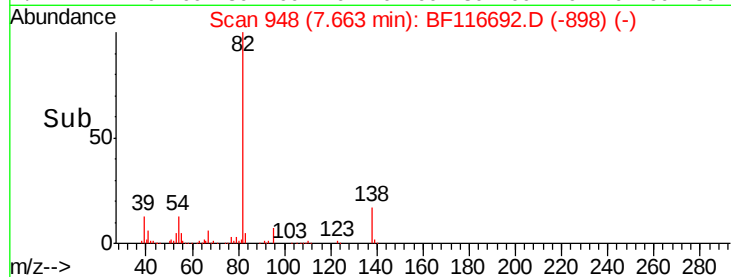
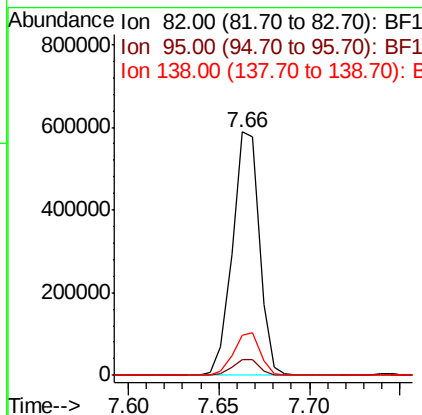
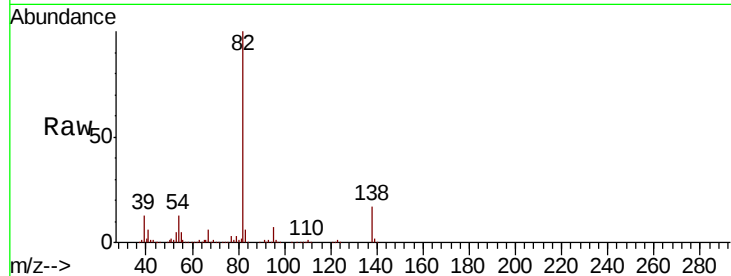
ClientSampleId :

T4-S-CMSD

Tot Ion:	82	Resp:	611080
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.8	8.6
138	16.7	13.5	20.3

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#26

2-Nitrophenol

Concen: 53.294 ng

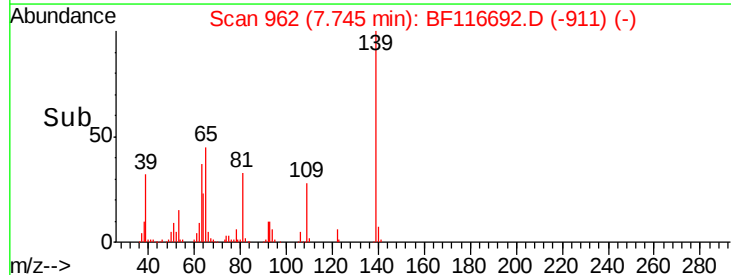
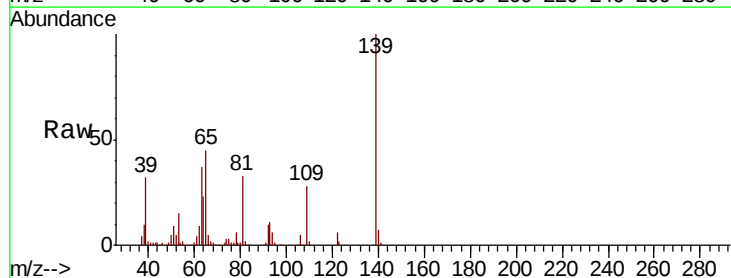
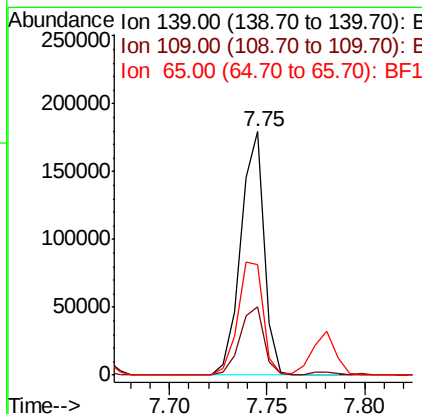
RT: 7.75 min Scan# 962

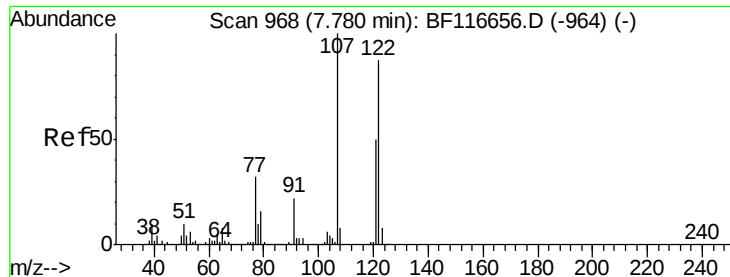
Delta R.T. -0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion:	139	Resp:	148918
Ion Ratio	Lower	Upper	
139	100		
109	28.1	27.1	40.7
65	45.5	43.0	64.6





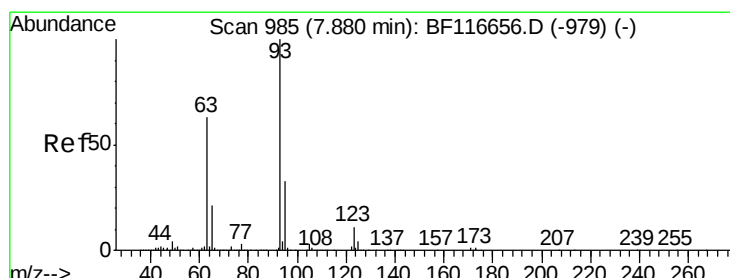
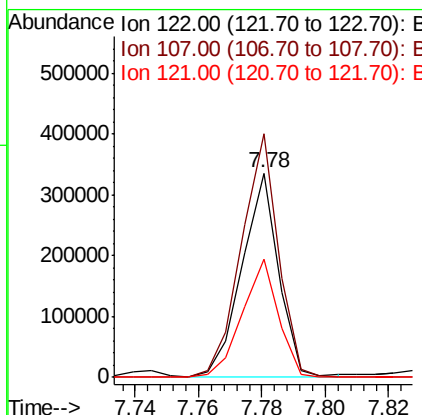
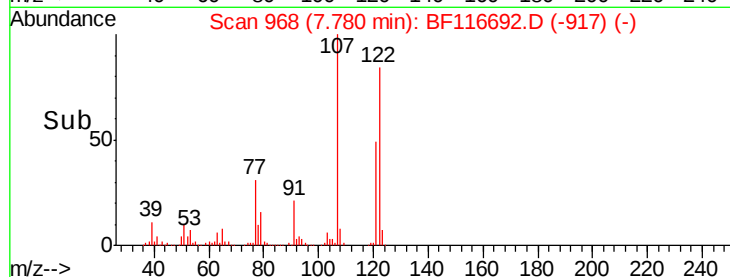
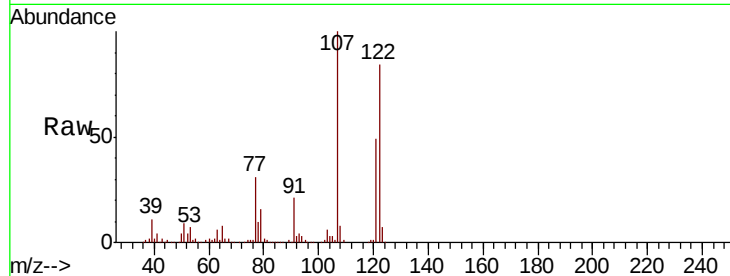
#27
2,4-Dimethylphenol
Concen: 47.632 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	119.4	98.1	147.1
121	58.2	47.3	70.9

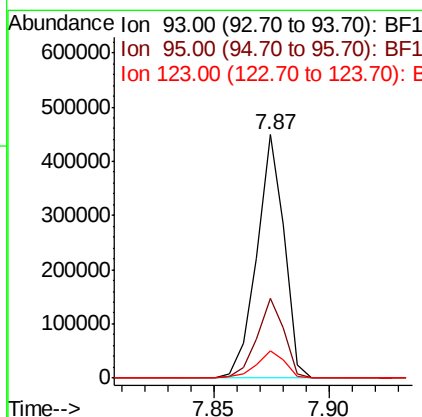
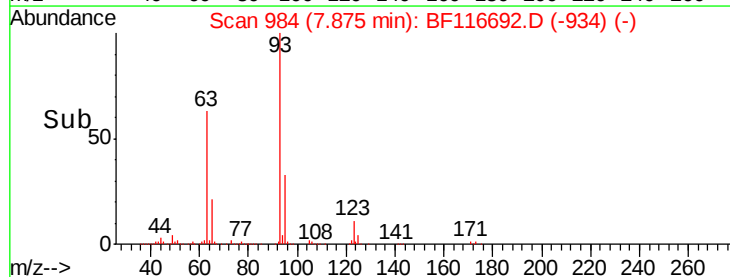
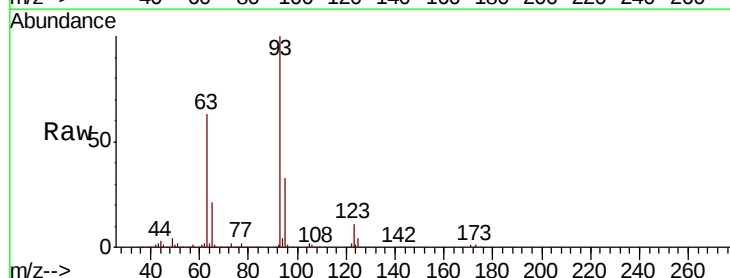
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#28
bis(2-Chloroethoxy)methane
Concen: 40.631 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.4	39.6
123	11.3	9.8	14.8





#29

2,4-Dichlorophenol

Concen: 45.020 ng

RT: 7.99 min Scan# 1003

Delta R.T. -0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

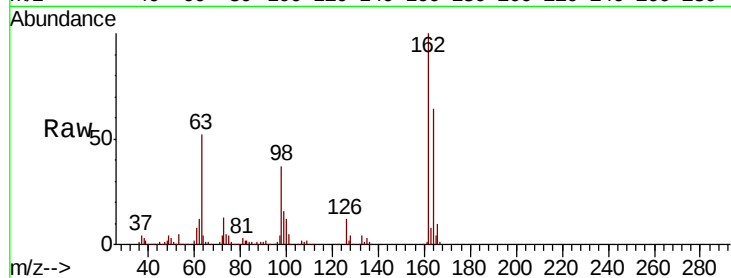
ClientSampleId :

T4-S-CMSD

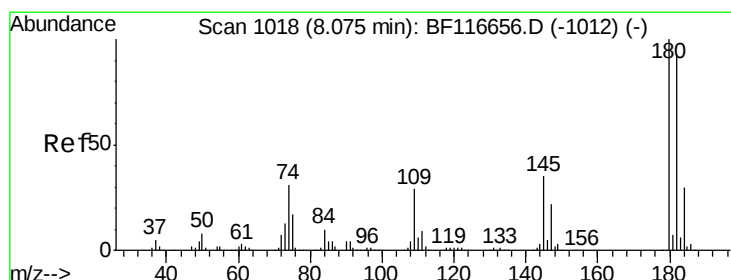
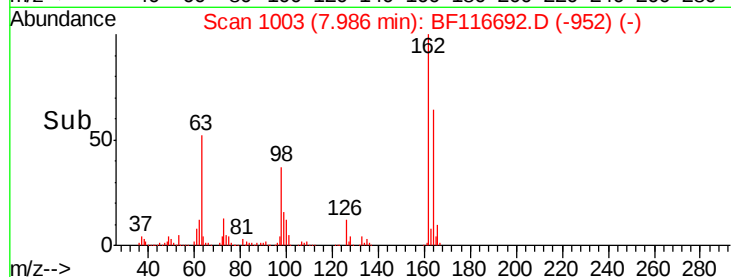
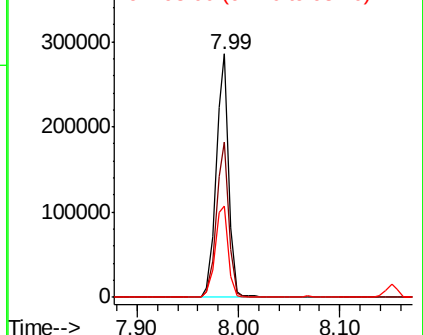
Tot Ion:	162	Resp:	244157
Ion Ratio	Lower	Upper	
162	100		
164	63.8	43.4	83.4
98	37.3	18.1	58.1

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



#30

1,2,4-Trichlorobenzene

Concen: 40.878 ng

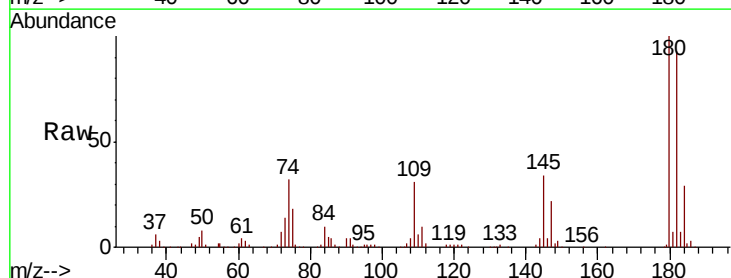
RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

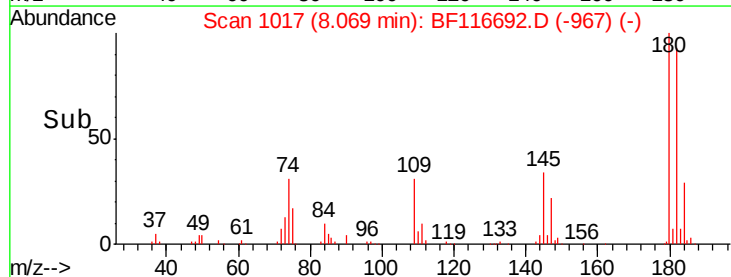
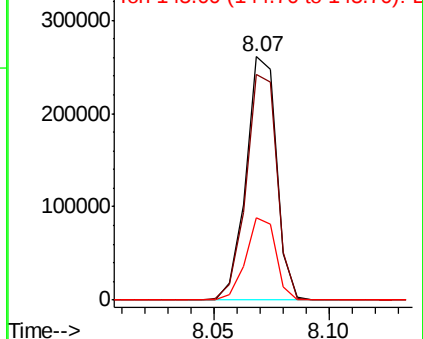
Lab File: BF116692.D

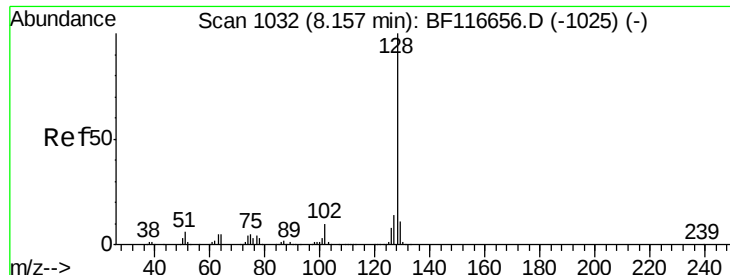
Acq: 31 Aug 2019 12:02

Tgt Ion:	180	Resp:	240459
Ion Ratio	Lower	Upper	
180	100		
182	92.5	78.6	118.0
145	34.0	25.7	38.5



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





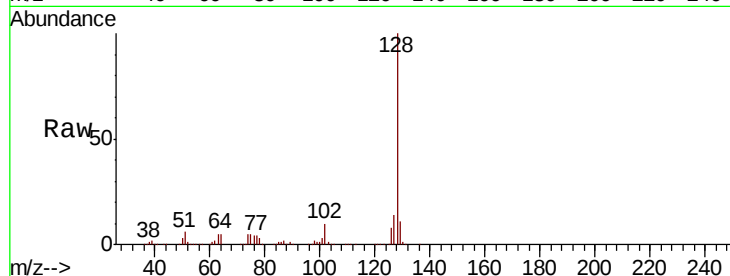
#31
Naphthalene
Concen: 43.012 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

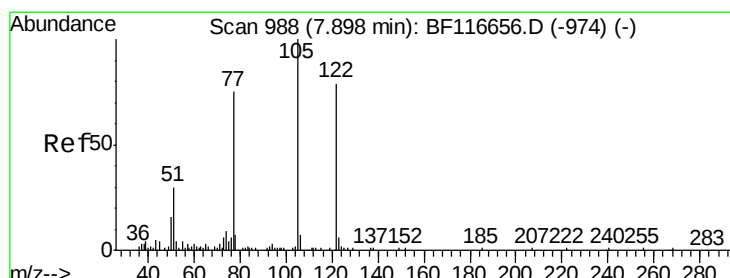
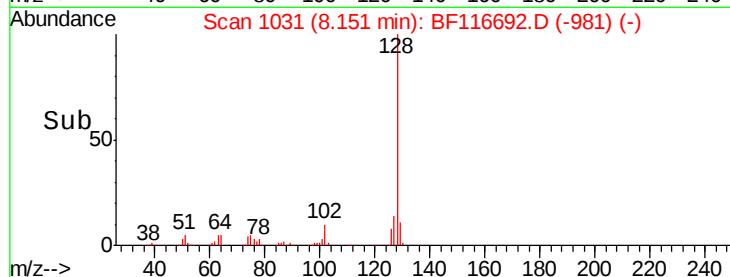
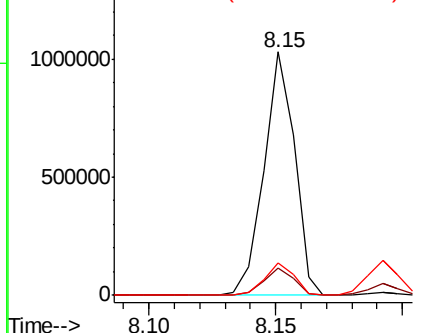
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	8.6	13.0
127	13.5	10.4	15.6

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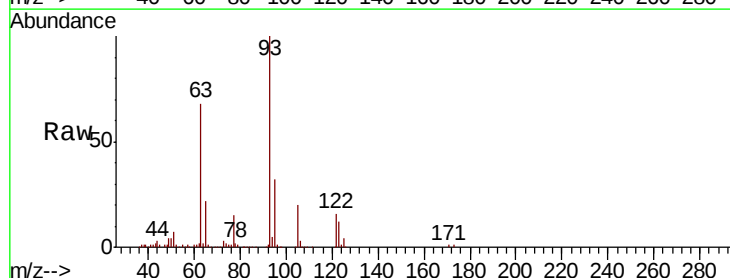


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

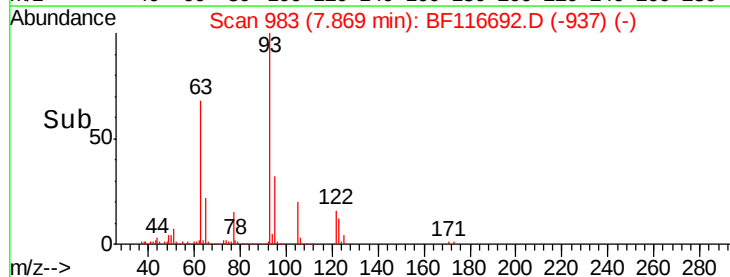
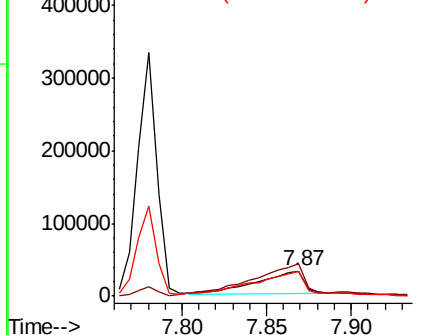


#32
Benzoic acid
Concen: 19.662 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.03 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
122	100		
105	127.6	110.0	150.0
77	97.8	81.7	121.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





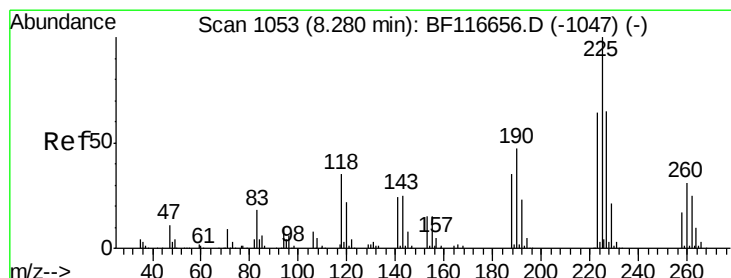
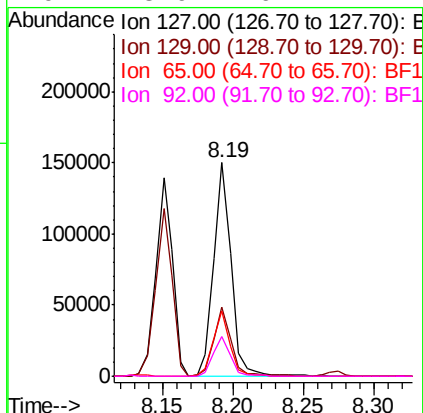
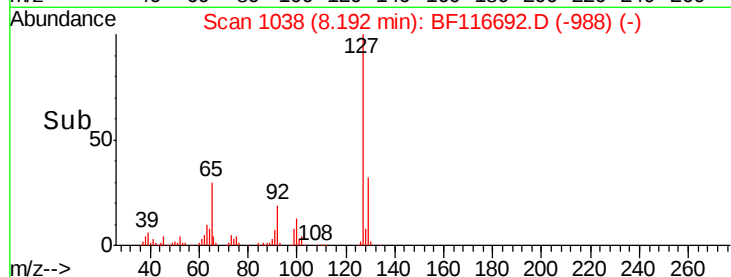
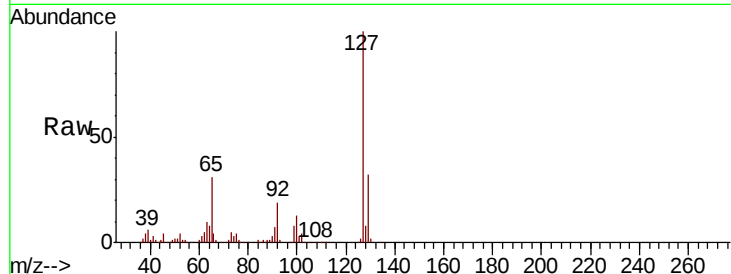
#33
4-Chloroaniline
Concen: 14.093 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100	128691		
129	32.1	26.2	39.2	
65	30.6	26.0	39.0	
92	18.9	16.1	24.1	

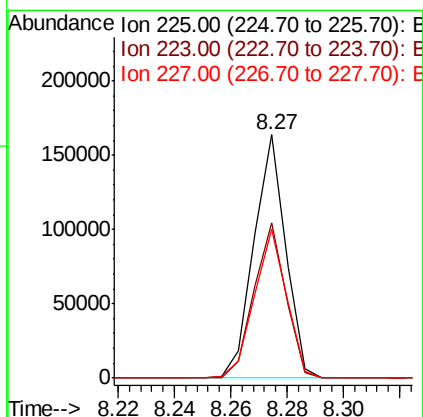
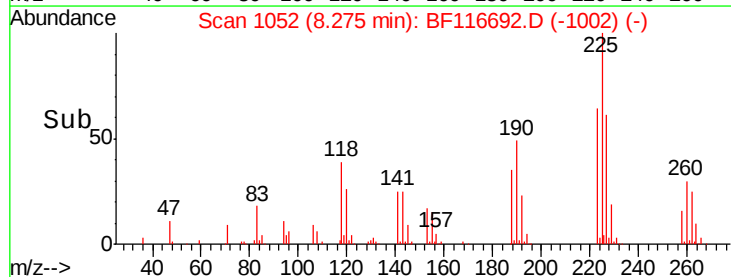
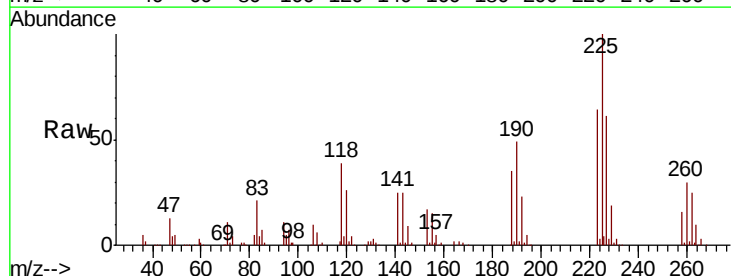
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#34
Hexachlorobutadiene
Concen: 39.805 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	127668		
223	63.7	49.4	74.2	
227	61.0	51.0	76.4	





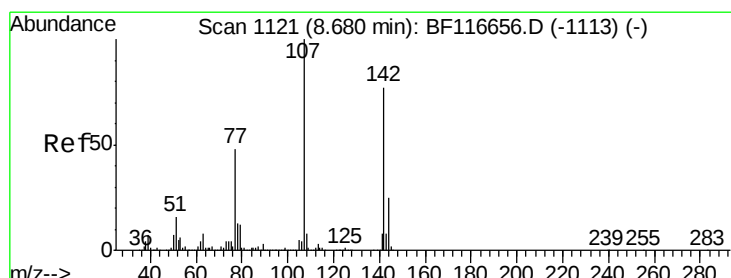
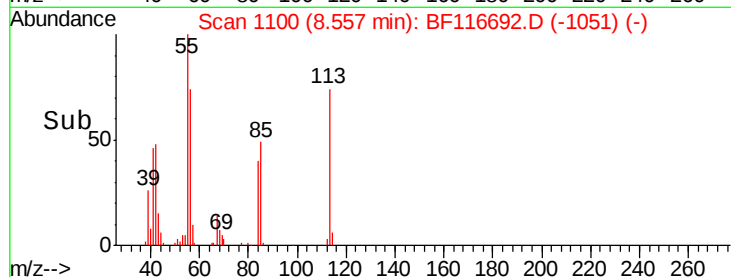
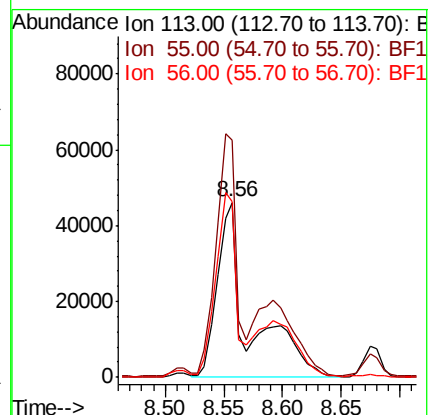
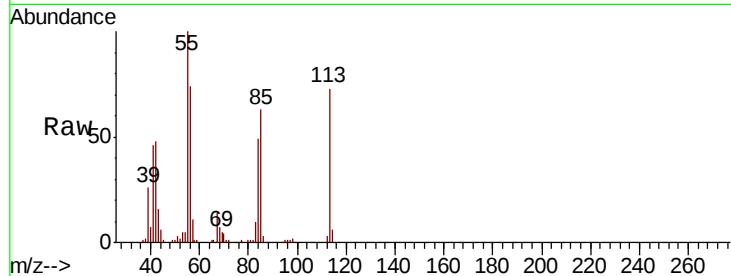
#35
Caprolactam
Concen: 43.007 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		87289		
55	136.1	124.3	164.3		
56	100.4	94.6	134.6		

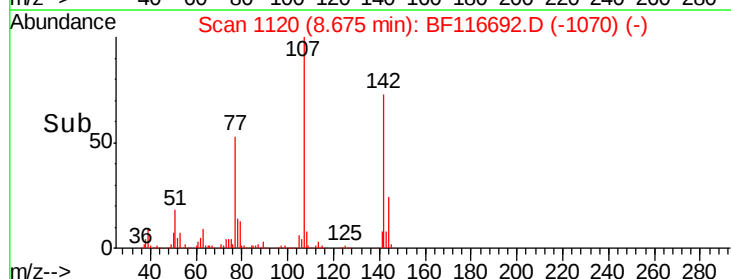
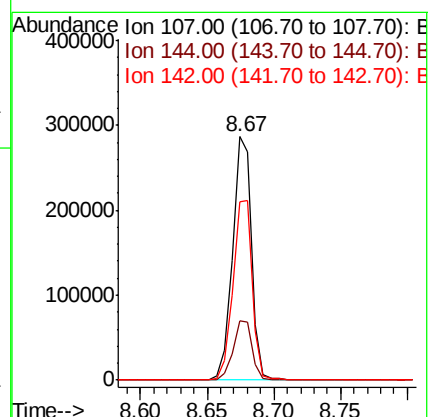
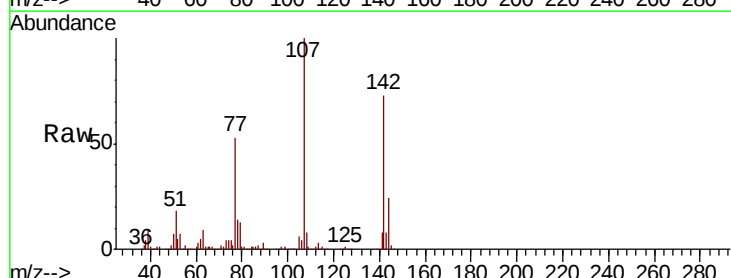
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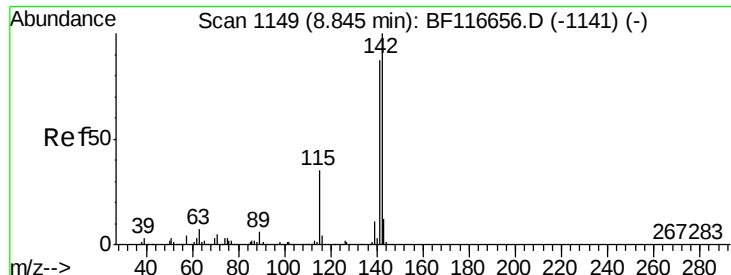
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#36
4-Chloro-3-methylphenol
Concen: 46.248 ng/ml
RT: 8.67 min Scan# 1120
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		288274		
144	24.1	18.6	27.8		
142	73.2	58.5	87.7		





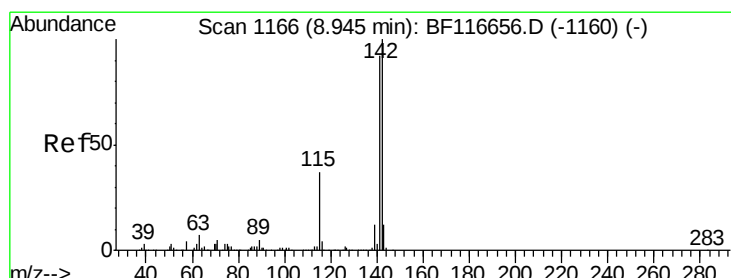
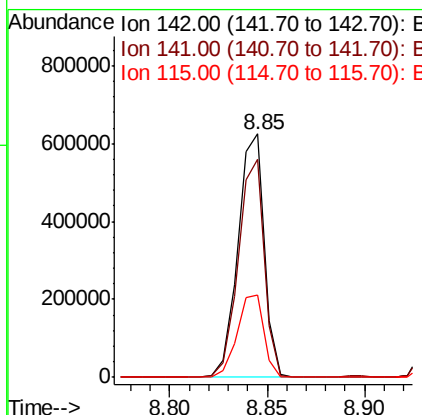
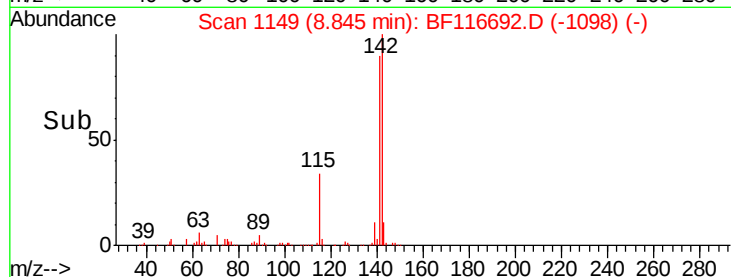
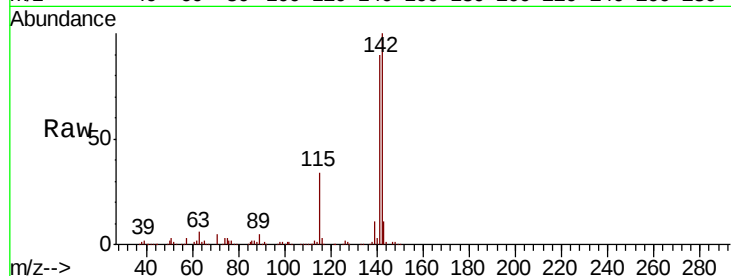
#37
2-Methylnaphthalene
Concen: 43.604 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	581997		
141	89.7	72.6	109.0	
115	33.9	29.8	44.6	

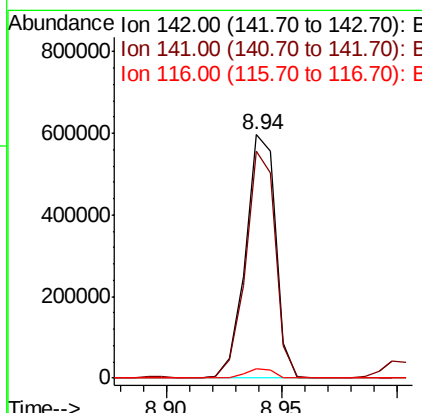
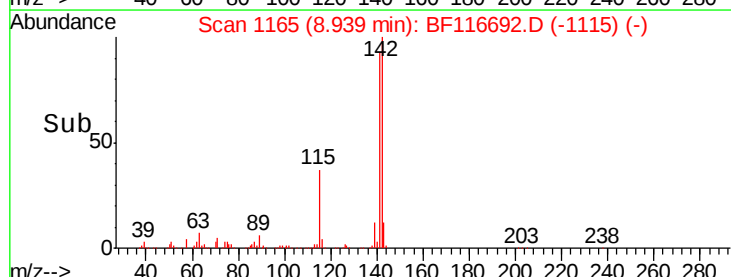
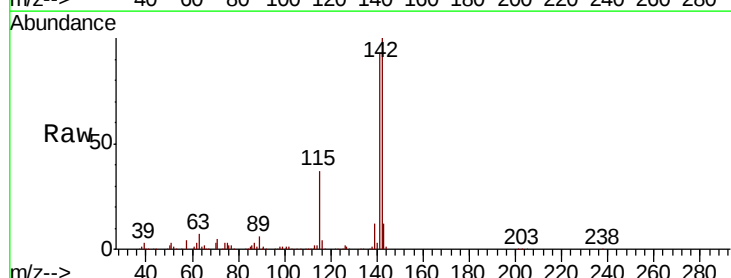
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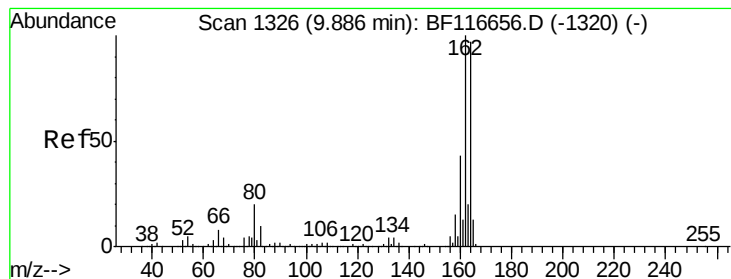
mohammad
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#38
1-Methylnaphthalene
Concen: 43.362 ng
RT: 8.94 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	546342		
141	93.3	73.9	110.9	
116	4.0	3.0	4.6	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.88 min Scan# 1325

Delta R.T. -0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

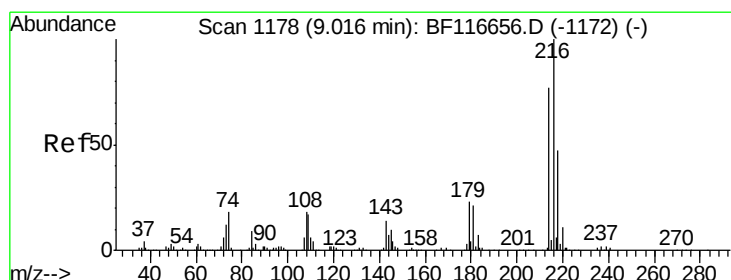
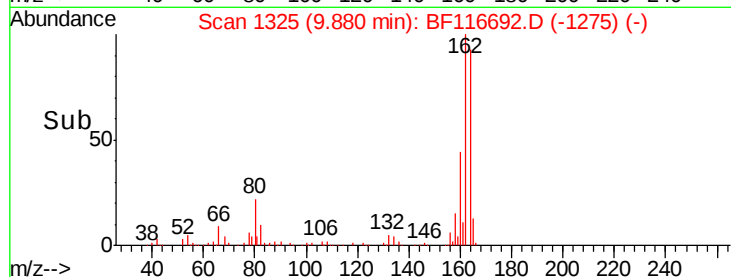
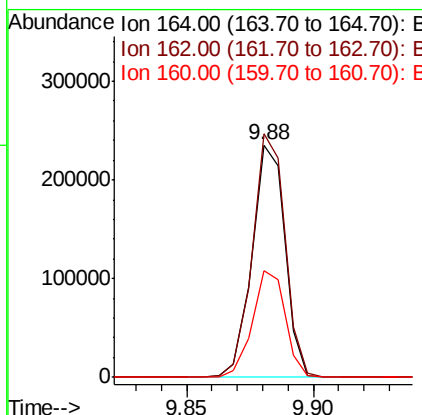
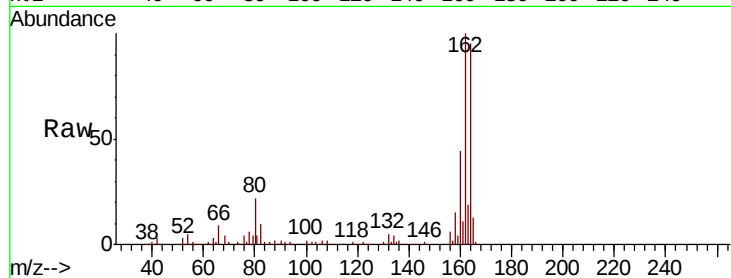
ClientSampleId :

T4-S-CMSD

Tot Ion:	164	Resp:	213768
Ion Ratio	Lower	Upper	
164	100		
162	104.8	81.4	122.0
160	45.8	35.4	53.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.982 ng

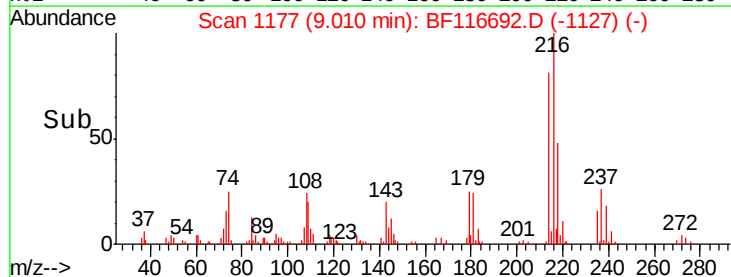
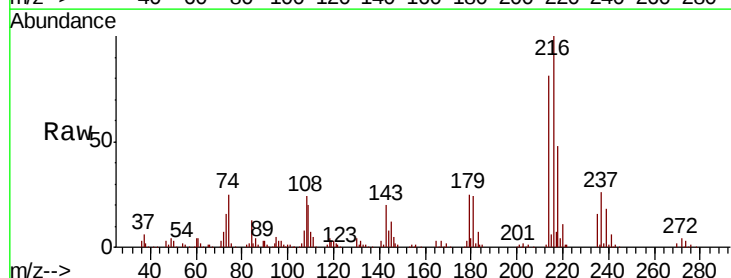
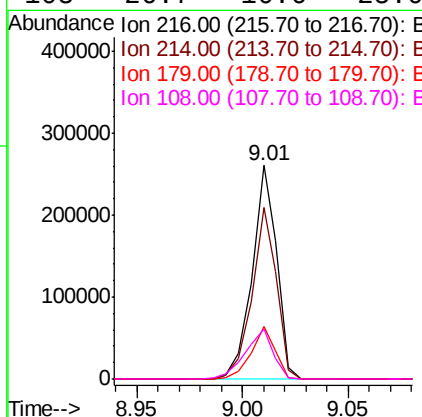
RT: 9.01 min Scan# 1177

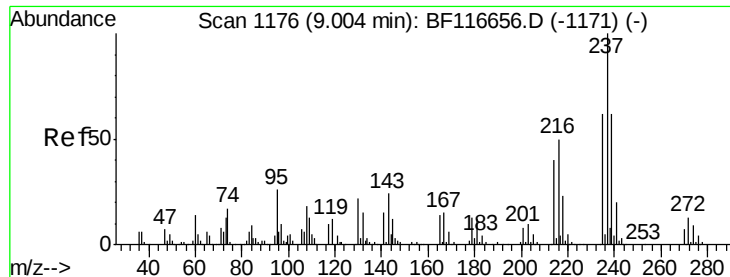
Delta R.T. -0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion:	216	Resp:	210009
Ion Ratio	Lower	Upper	
216	100		
214	79.7	62.7	94.1
179	24.0	19.3	28.9
108	26.7	16.6	25.0#





#41

Hexachlorocyclopentadiene

Concen: 81.533 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

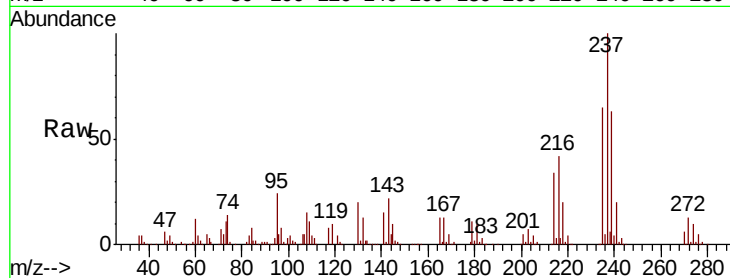
ClientSampleId :

T4-S-CMSD

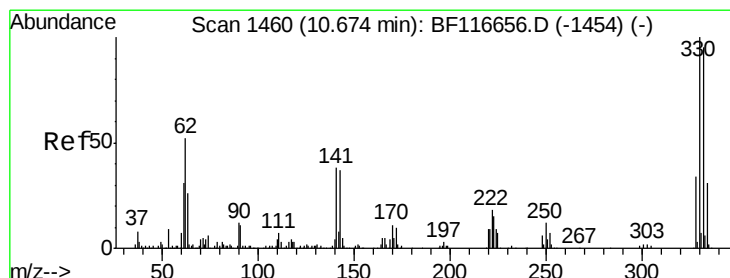
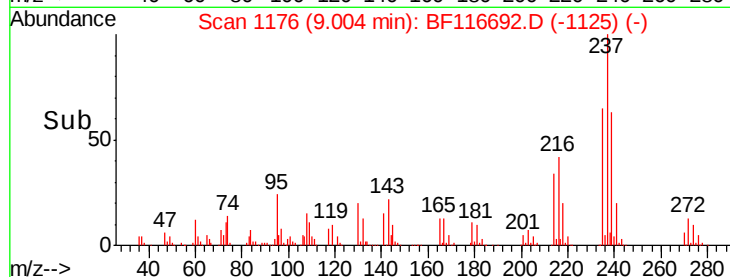
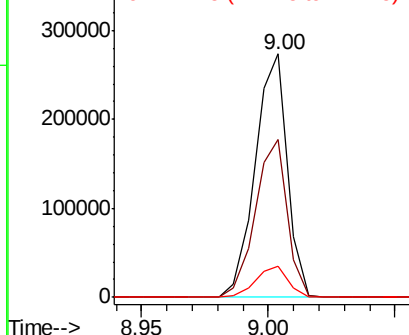
Tot Ion:	237	Resp:	241270
Ion Ratio	Lower	Upper	
237	100		
235	64.7	41.4	81.4
272	12.8	0.0	32.8

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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: 133.718 ng

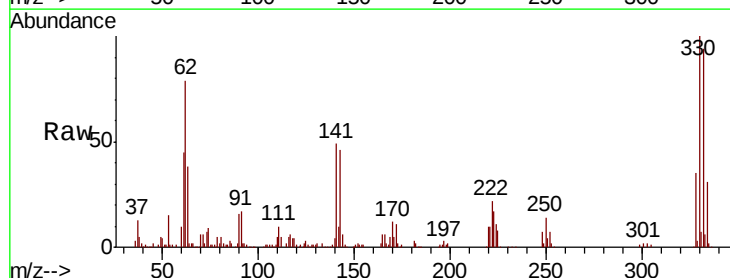
RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

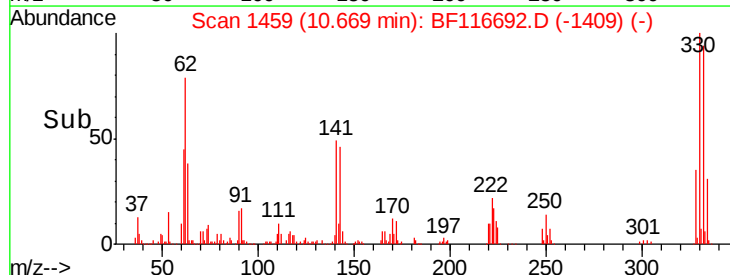
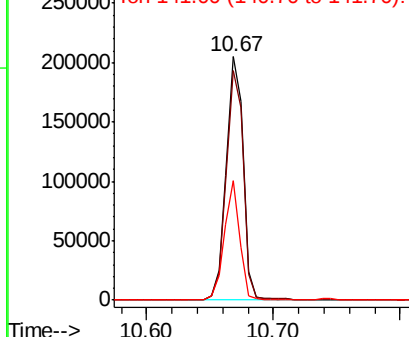
Lab File: BF116692.D

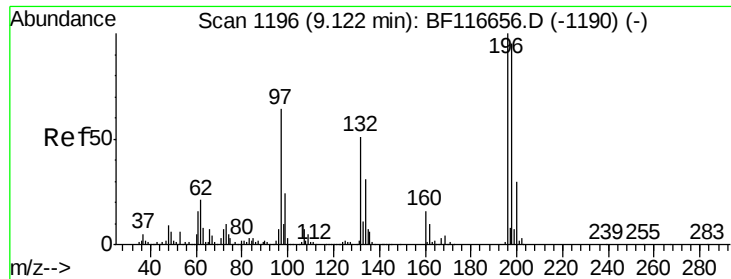
Acq: 31 Aug 2019 12:02

Tgt Ion:	330	Resp:	191094
Ion Ratio	Lower	Upper	
330	100		
332	94.9	76.9	115.3
141	44.9	31.4	47.2



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





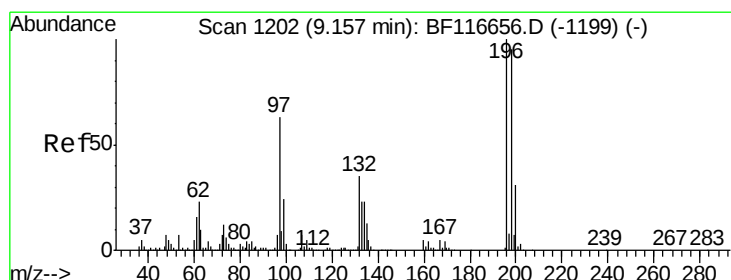
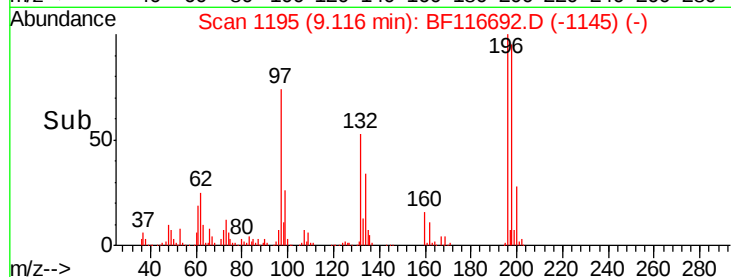
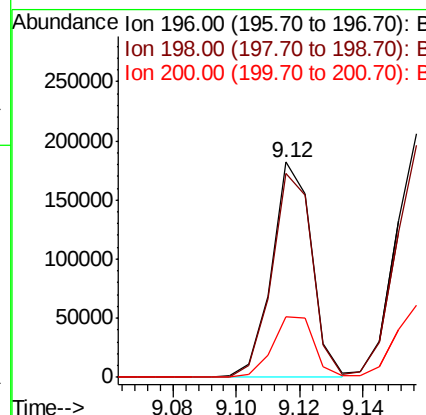
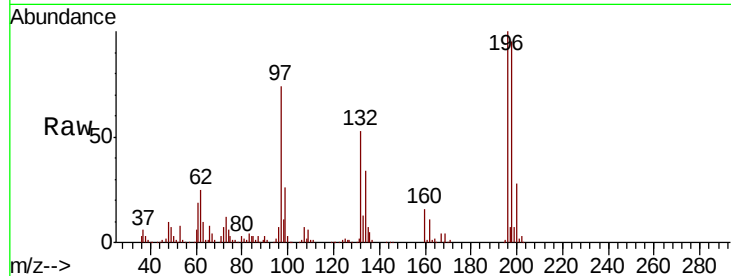
#43
 2,4,6-Trichlorophenol
 Concen: 45.188 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF116692.D
 Acq: 31 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	158735		
198	94.7	79.1	118.7	
200	28.4	24.0	36.0	

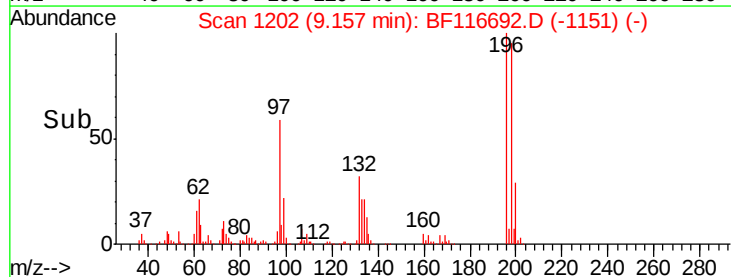
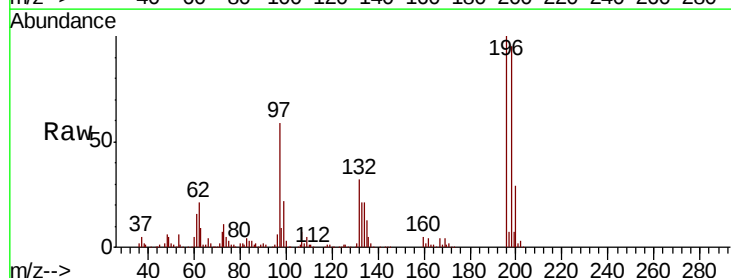
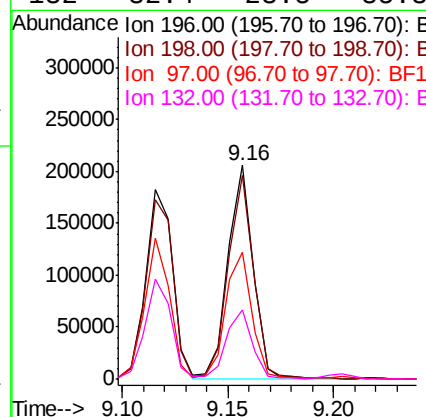
Manual Integrations
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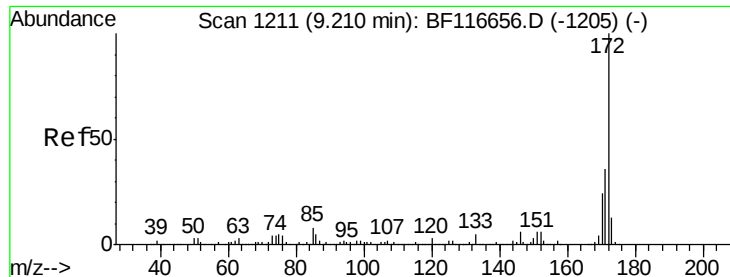
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.446 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF116692.D
 Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	169382		
198	95.2	78.1	117.1	
97	59.2	41.6	62.4	
132	32.4	23.5	35.3	





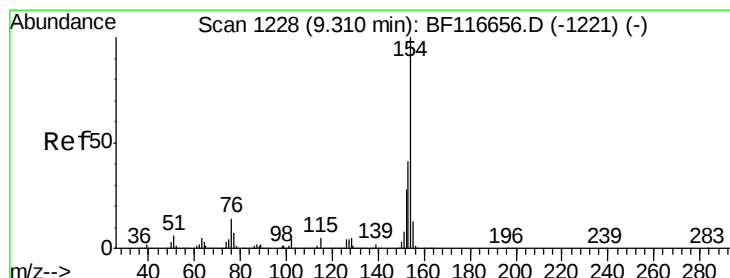
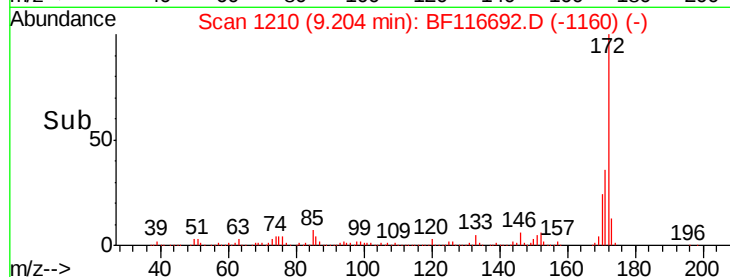
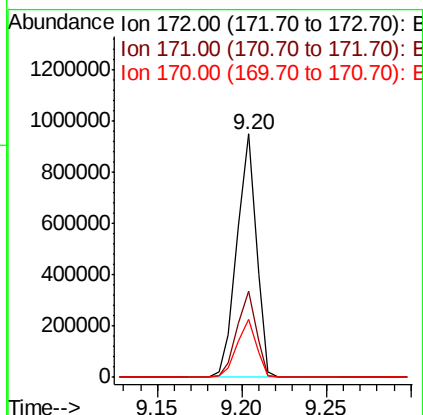
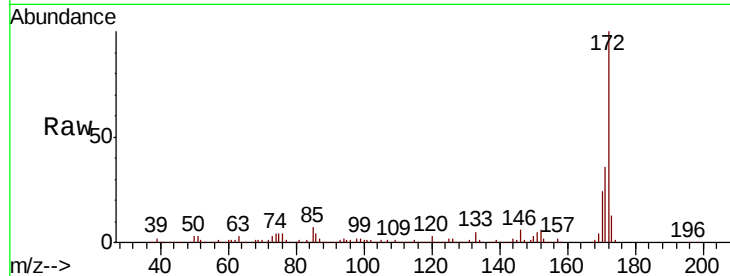
#45
2-Fluorobiphenyl
Concen: 60.104 ng
RT: 9.20 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100				
171	35.5	27.8	41.6		
170	23.8	18.9	28.3		

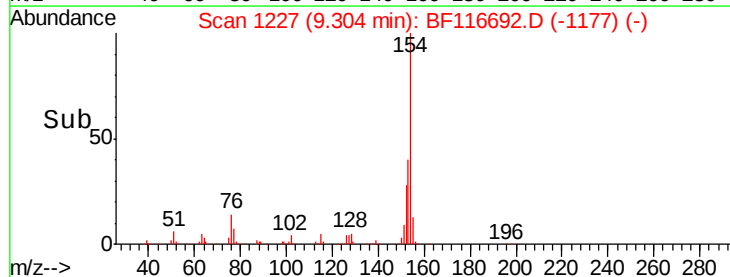
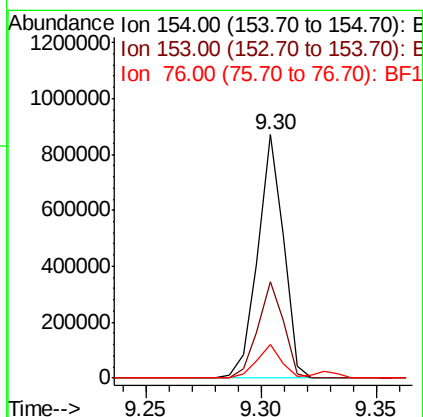
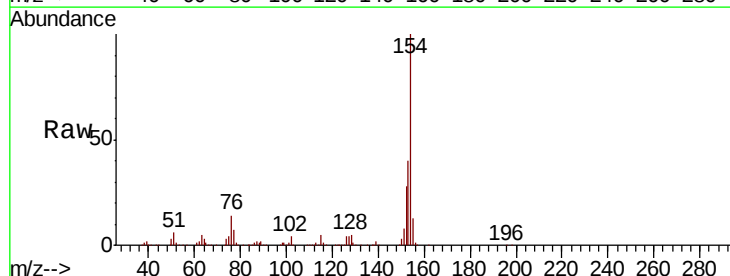
Manual Integrations
APPROVED

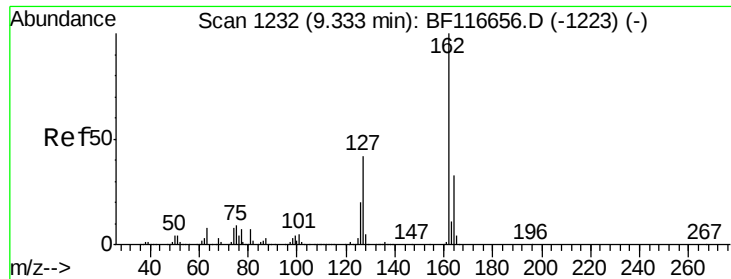
mohammad
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#46
1,1'-Biphenyl
Concen: 41.953 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100				
153	39.8	21.2	61.2		
76	13.8	0.0	30.9		





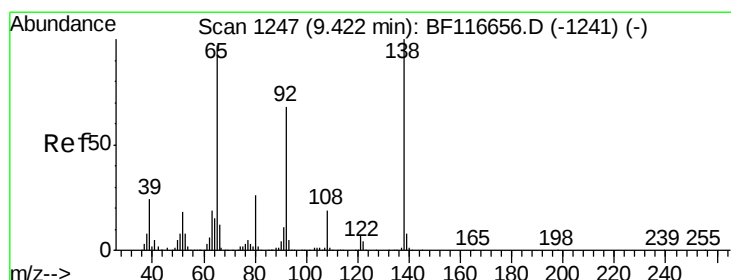
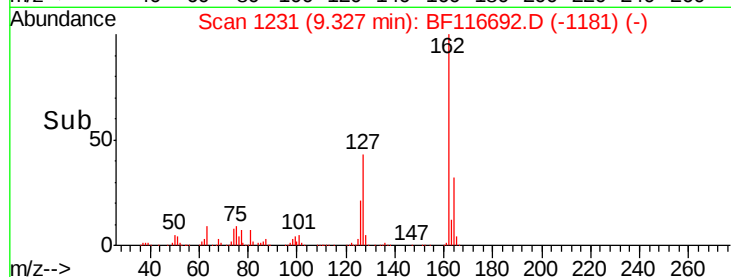
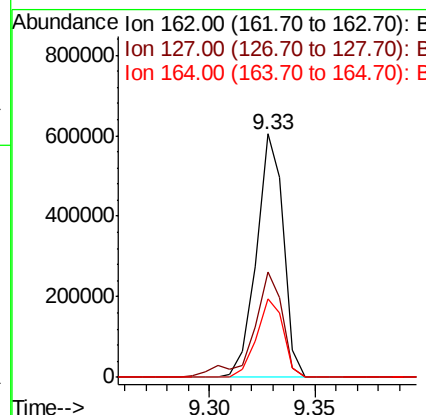
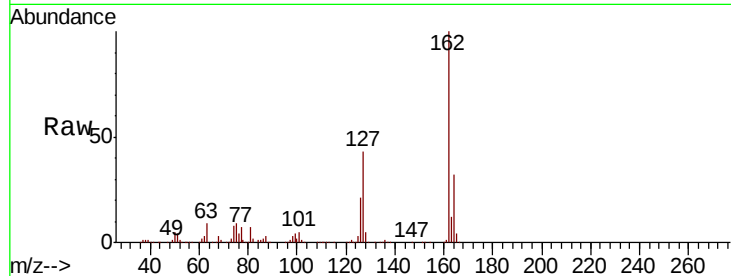
#47
2-Chloronaphthalene
Concen: 41.738 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	536231		
127	43.3	33.4	50.2	
164	32.5	26.6	39.8	

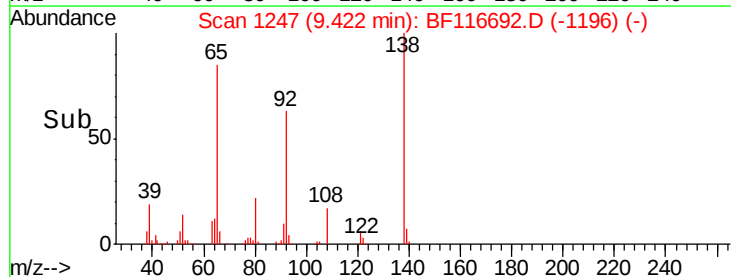
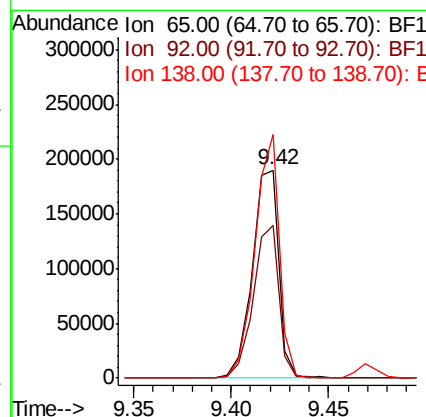
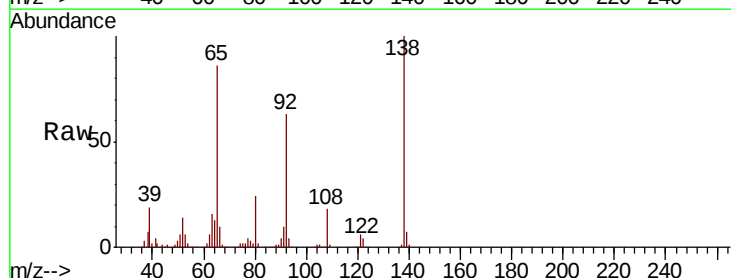
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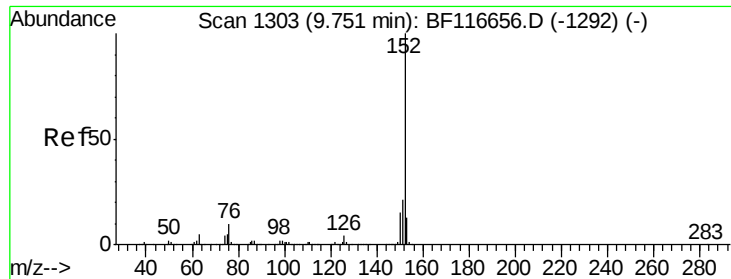
mohammad
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#48
2-Nitroaniline
Concen: 48.001 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	178290		
92	73.1	57.1	85.7	
138	116.9	88.2	132.2	





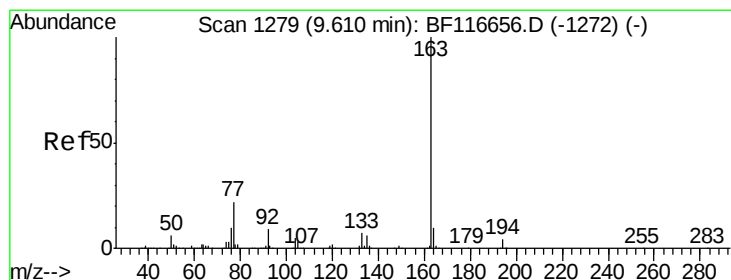
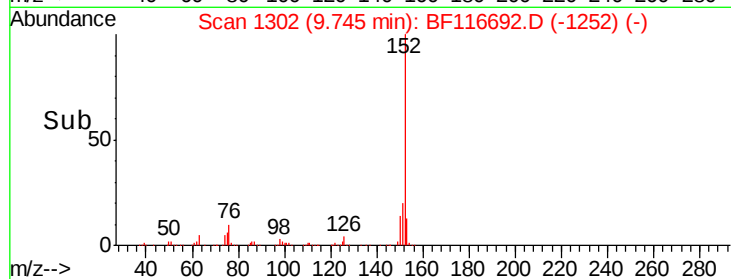
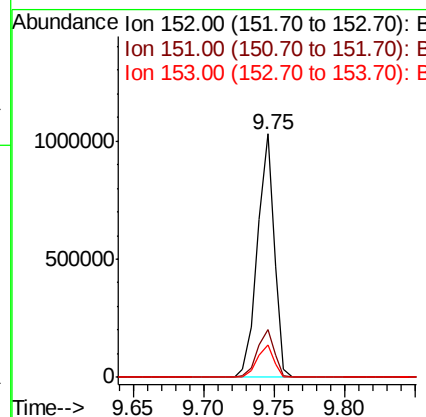
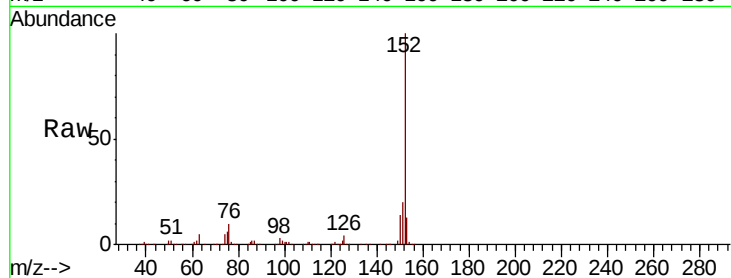
#49
Acenaphthylene
Concen: 44.656 ng
RT: 9.75 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	867260		
151	19.9		15.9	23.9
153	13.2		10.9	16.3

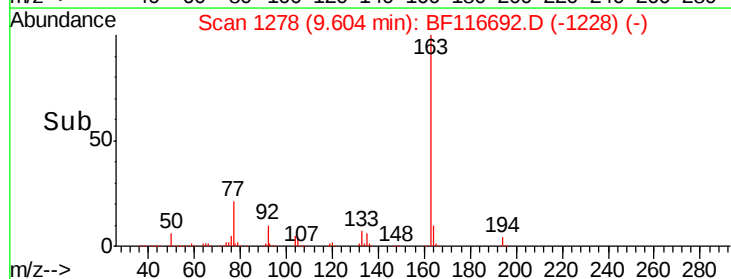
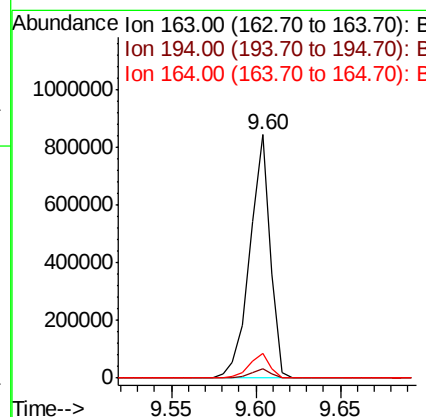
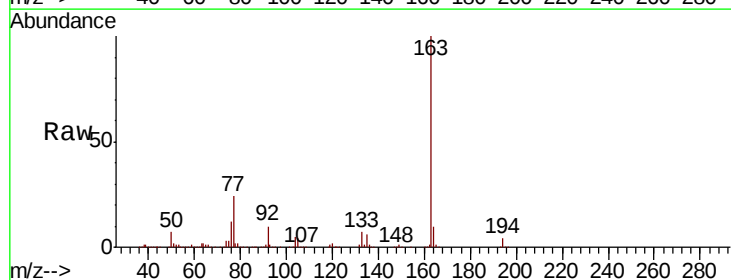
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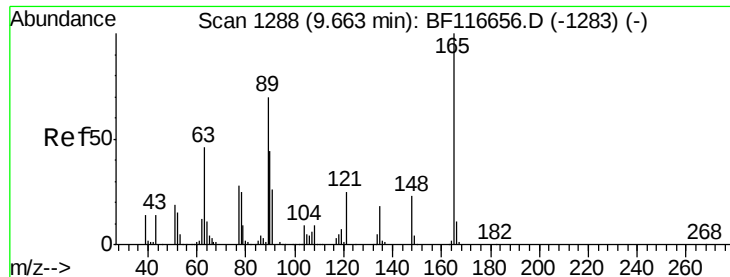
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#50
Dimethylphthalate
Concen: 48.289 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	712666		
194	3.8		2.8	4.2
164	10.2		8.6	12.8





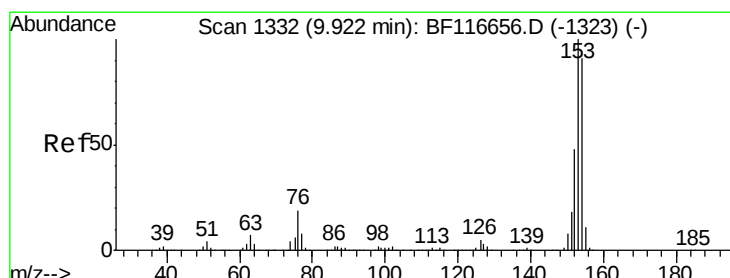
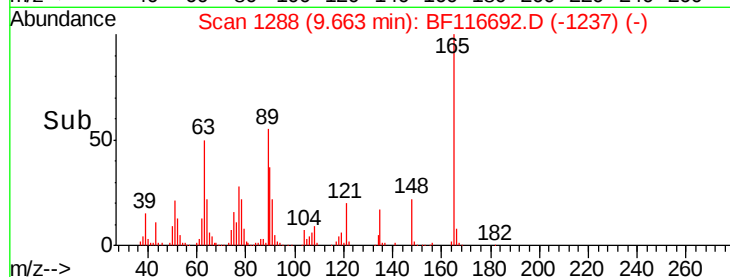
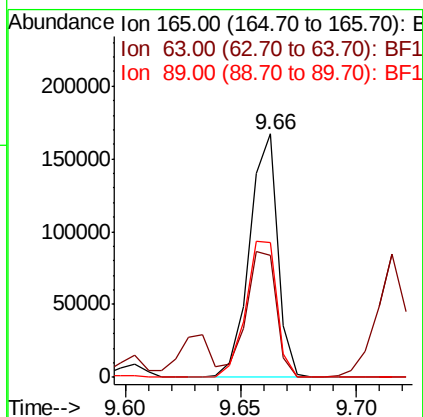
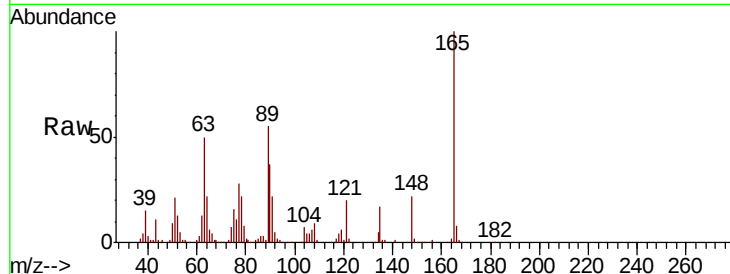
#51
2,6-Dinitrotoluene
Concen: 50.600 ng
RT: 9.66 min Scan# 1288
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion:	165	Resp:	142481
Ion Ratio	Lower	Upper	
165	100		
63	50.0	47.3	70.9
89	55.4	52.5	78.7

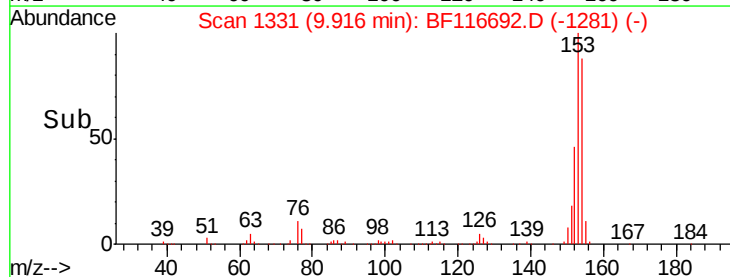
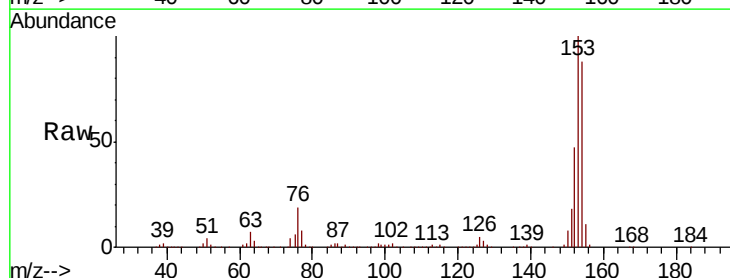
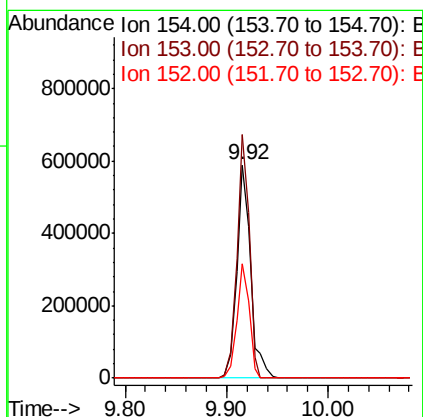
Manual Integrations
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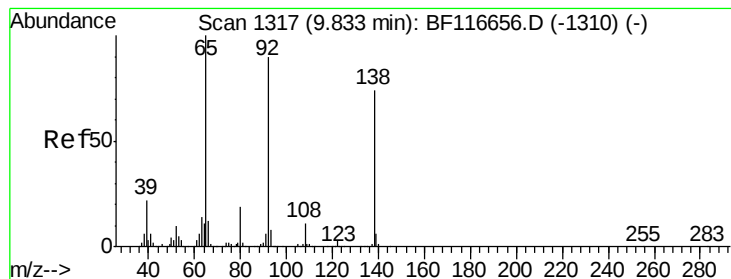
mohammad
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#52
Acenaphthene
Concen: 46.258 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion:	154	Resp:	551985
Ion Ratio	Lower	Upper	
154	100		
153	114.2	89.5	134.3
152	53.5	41.9	62.9





#53

3-Nitroaniline

Concen: 29.671 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

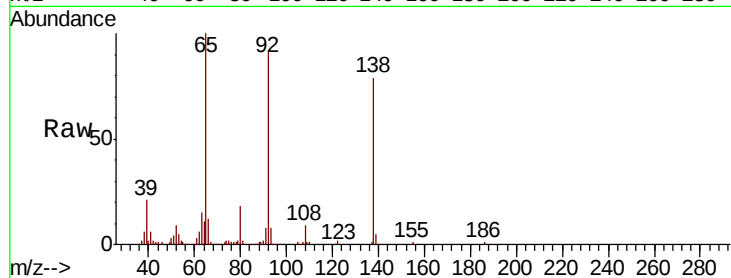
ClientSampleId :

T4-S-CMSD

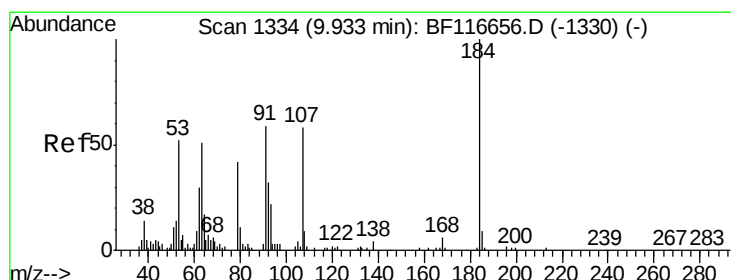
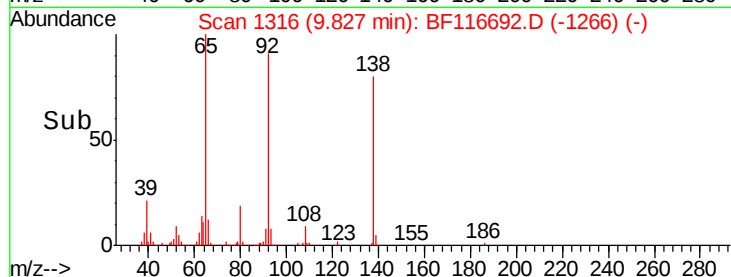
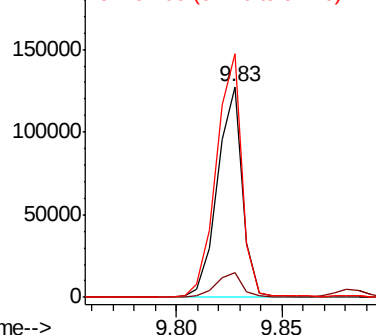
Tot Ion:	138	Resp:	104701
Ion Ratio	Lower	Upper	
138	100		
108	11.8	8.5	12.7
92	115.4	87.2	130.8

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



#54

2,4-Dinitrophenol

Concen: 77.190 ng

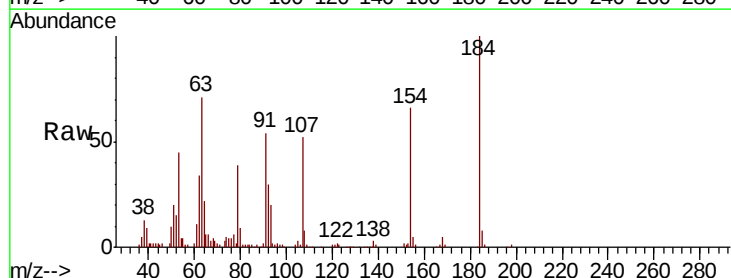
RT: 9.93 min Scan# 1334

Delta R.T. 0.00 min

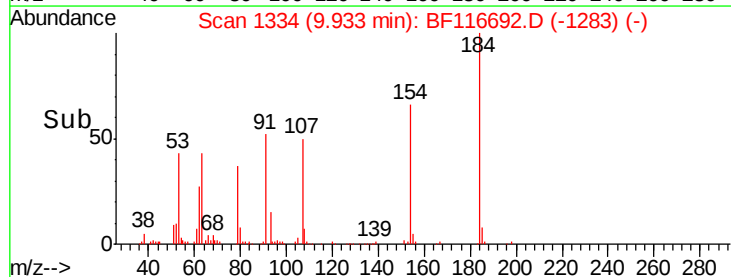
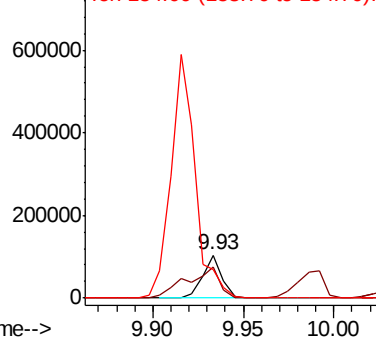
Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion:	184	Resp:	76765
Ion Ratio	Lower	Upper	
184	100		
63	71.1	52.2	78.2
154	66.2	60.8	91.2



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





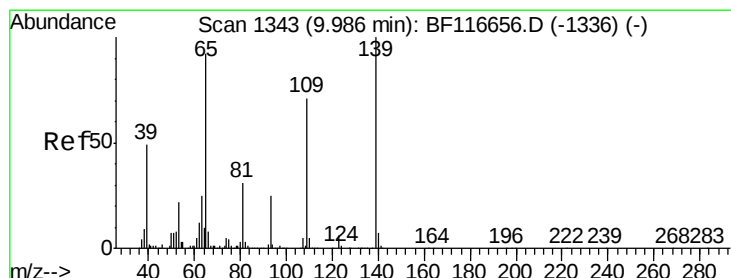
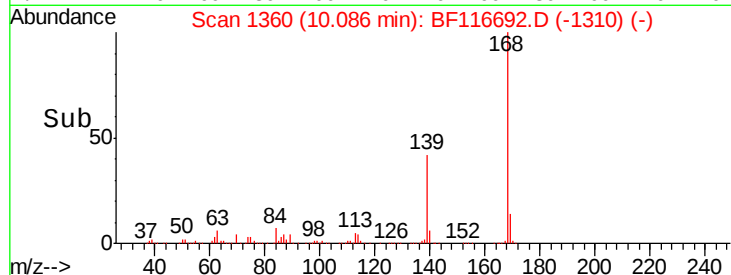
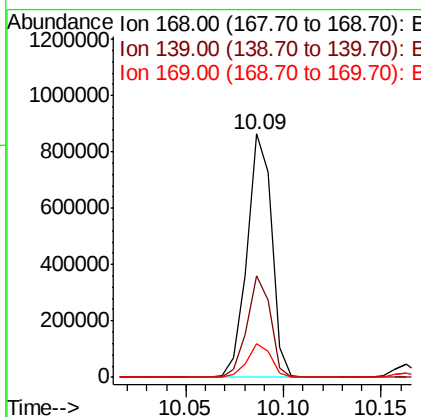
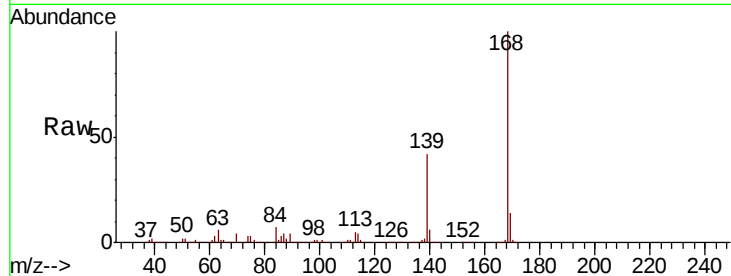
#55
Dibenzofuran
Concen: 44.856 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	754558		
139	41.6	31.5	47.3	
169	13.8	10.3	15.5	

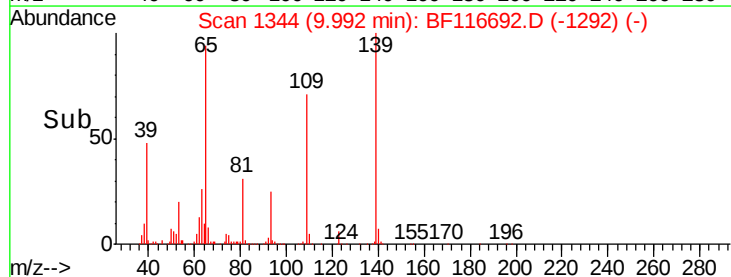
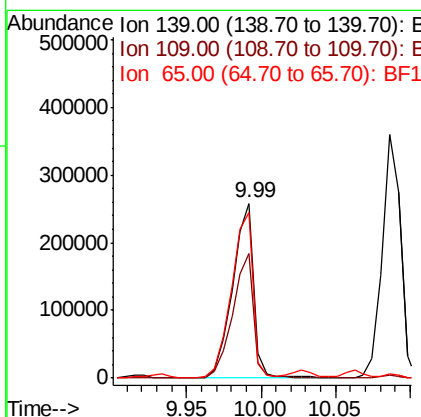
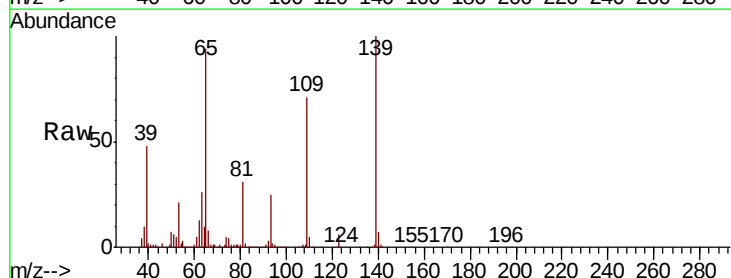
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#56
4-Nitrophenol
Concen: 106.626 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	257993		
109	71.2	61.7	101.7	
65	94.4	89.1	129.1	





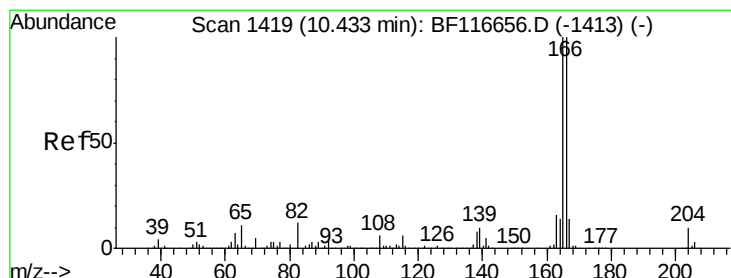
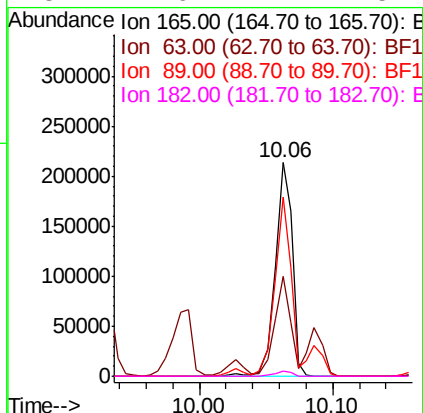
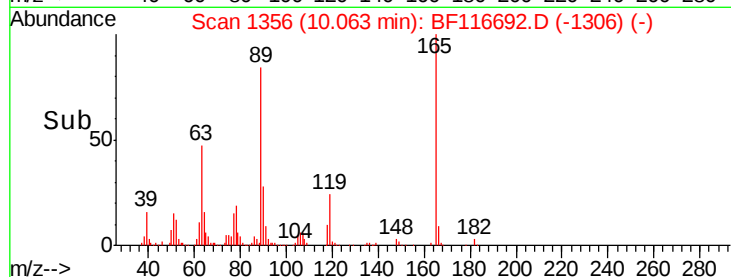
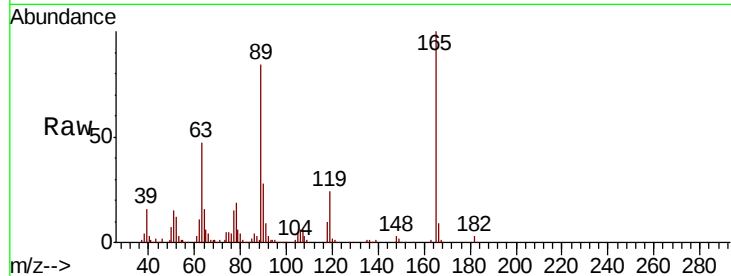
#57
2,4-Dinitrotoluene
Concen: 55.488 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		191047		
63	46.9	36.4	54.6		
89	84.0	62.6	94.0		
182	2.6	2.1	3.1		

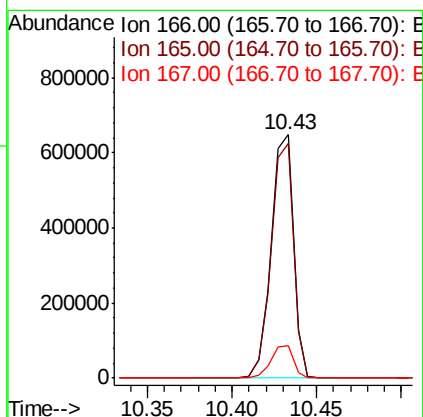
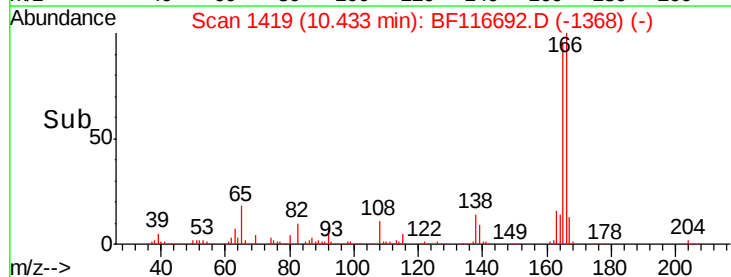
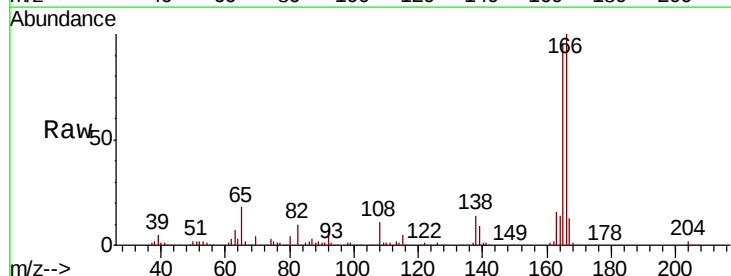
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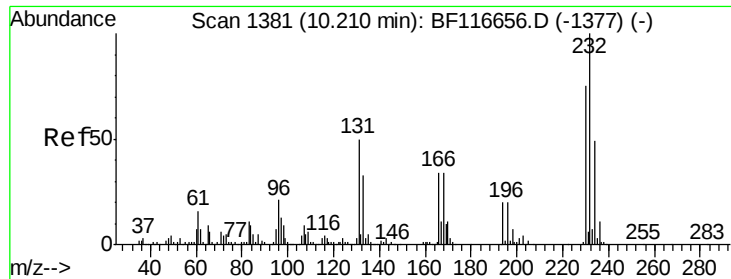
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#58
Fluorene
Concen: 46.136 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		591357		
165	96.4	78.8	118.2		
167	13.1	10.0	15.0		





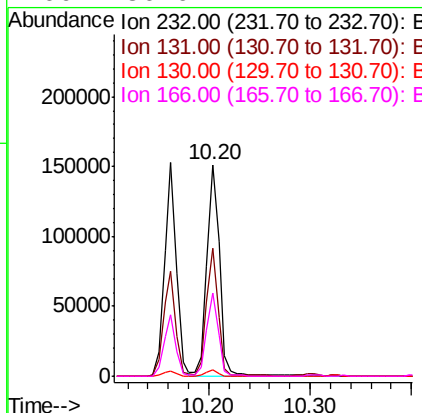
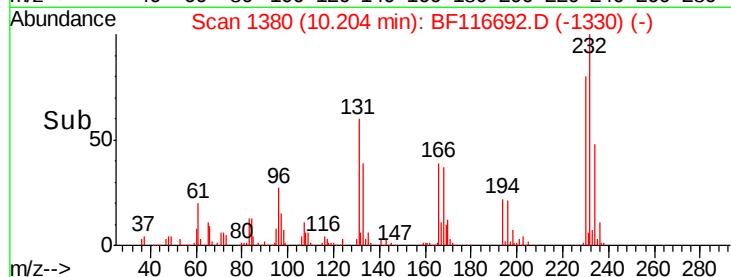
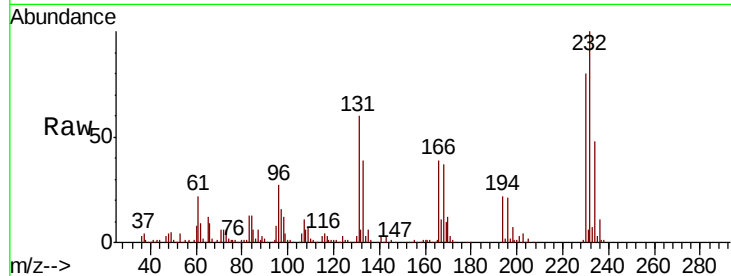
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.236 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	132221		
131	55.9	42.7	64.1	
130	2.6	1.9	2.9	
166	36.6	27.4	41.2	

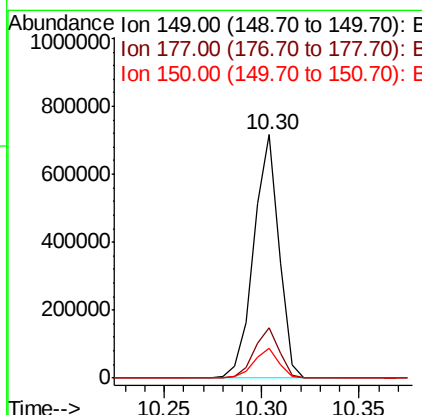
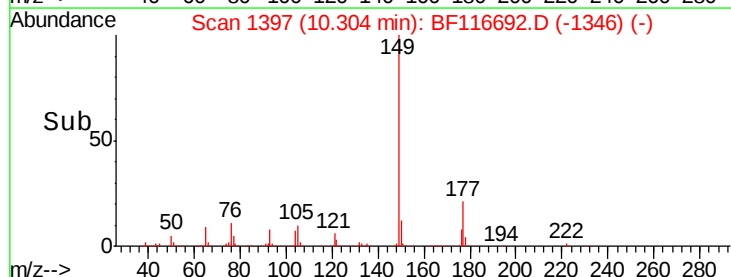
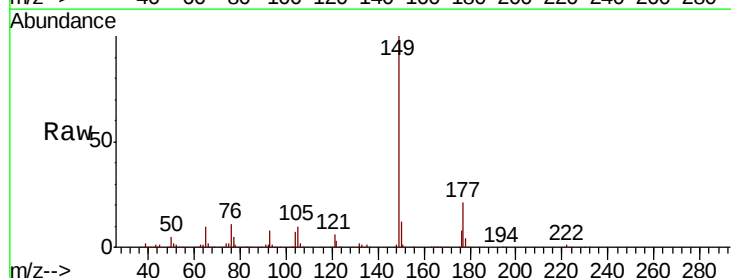
Manual Integrations
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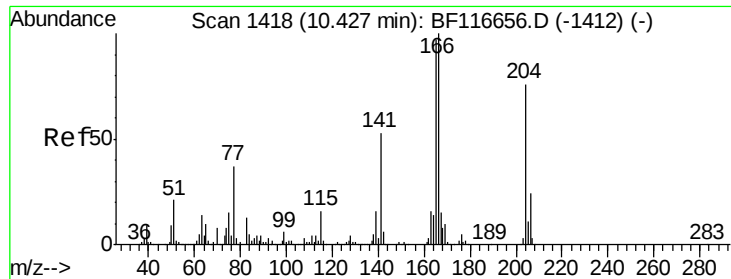
mohammad
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#60
Diethylphthalate
Concen: 43.269 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	639667		
177	20.7	17.2	25.8	
150	12.2	9.7	14.5	





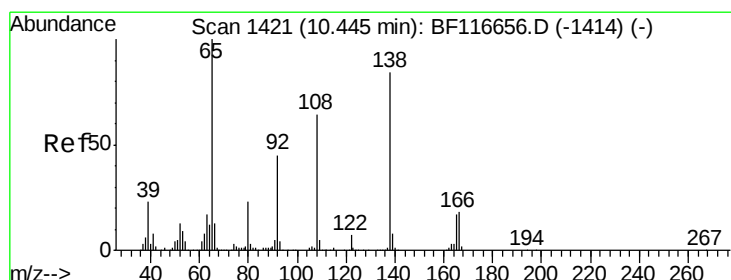
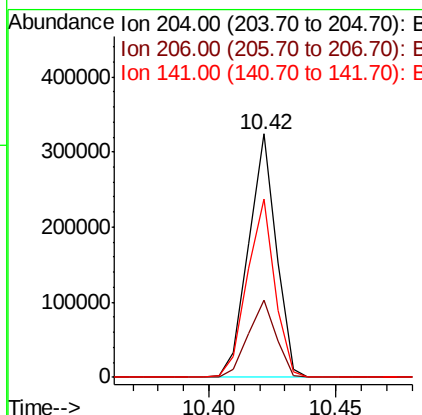
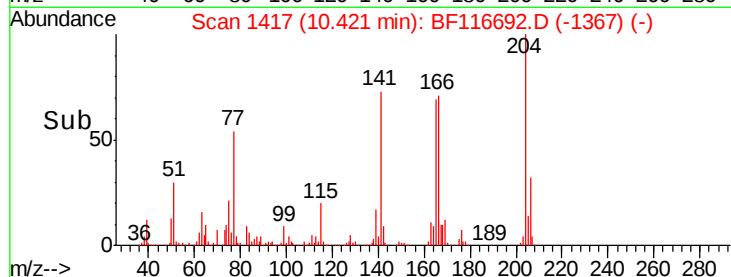
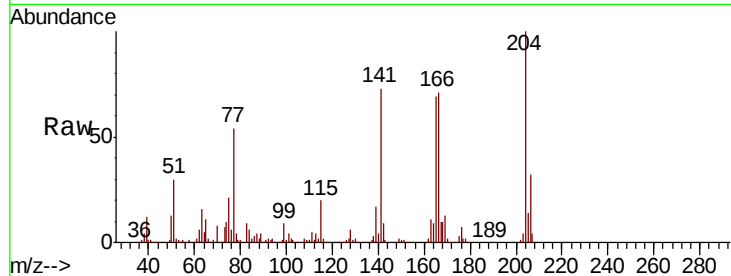
#61
4-Chlorophenyl-phenylether
Concen: 44.034 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.5	25.4	38.2
141	73.5	53.8	80.8

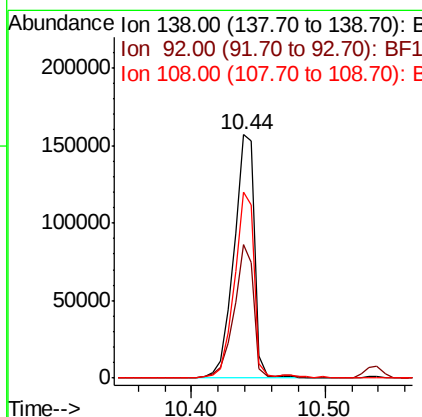
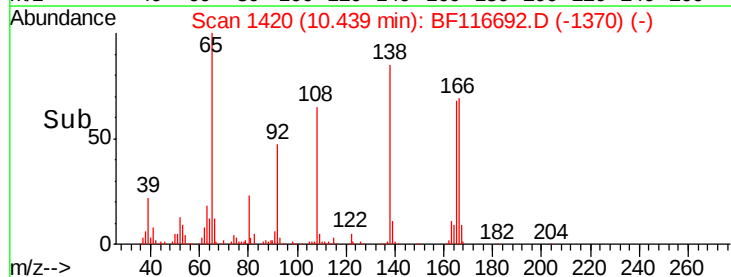
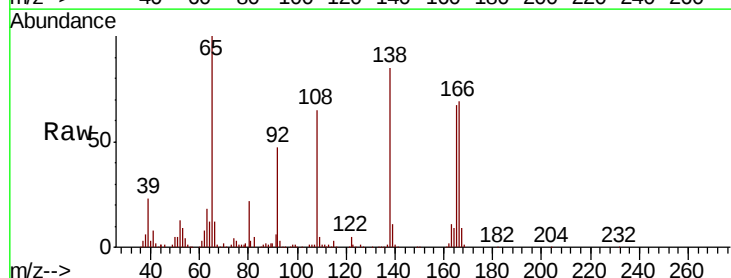
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#62
4-Nitroaniline
Concen: 49.833 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.1	28.7	68.7
108	76.3	60.4	100.4





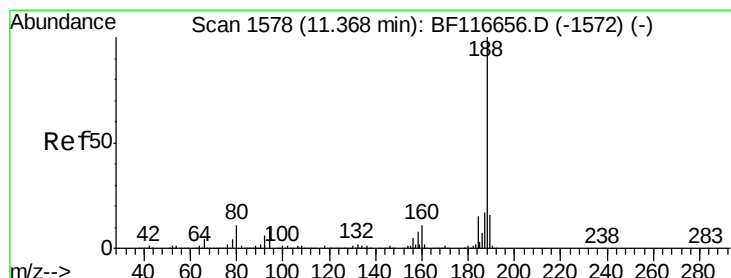
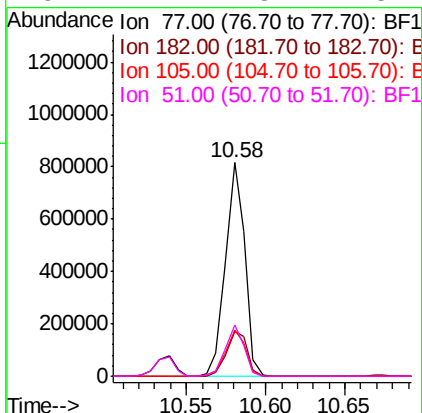
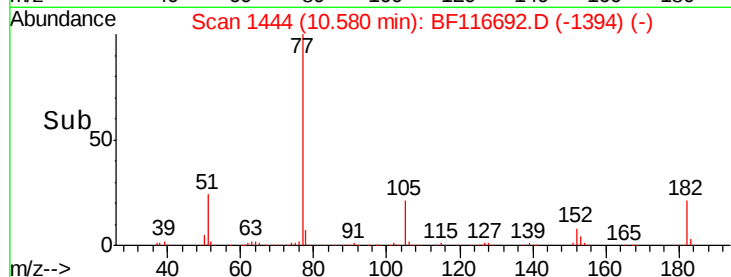
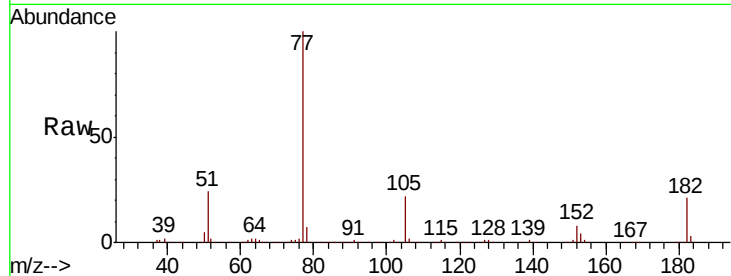
#63
Azobenzene
Concen: 44.401 ng
RT: 10.58 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.0	1.2	41.2		
105	21.8	0.6	40.6		
51	24.1	8.2	48.2		

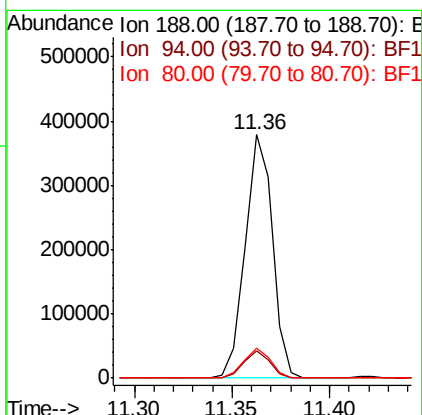
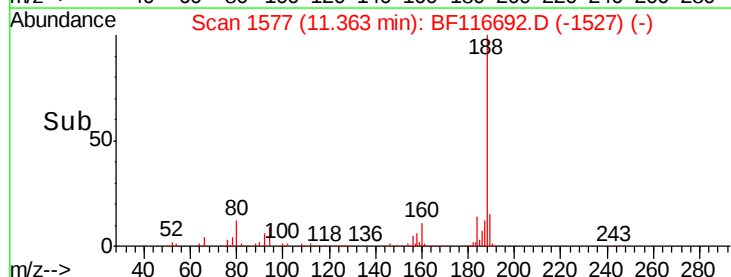
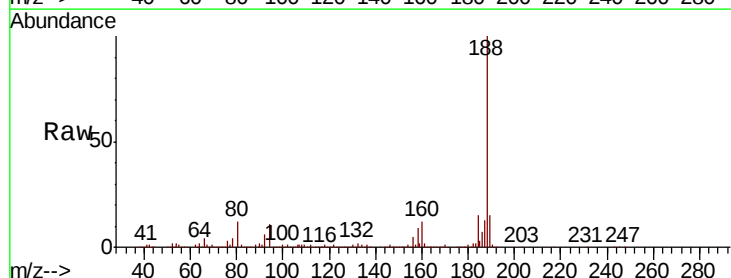
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	11.1	7.3	10.9#		
80	12.4	8.4	12.6		





#65

4,6-Dinitro-2-methylphenol

Concen: 48.841 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

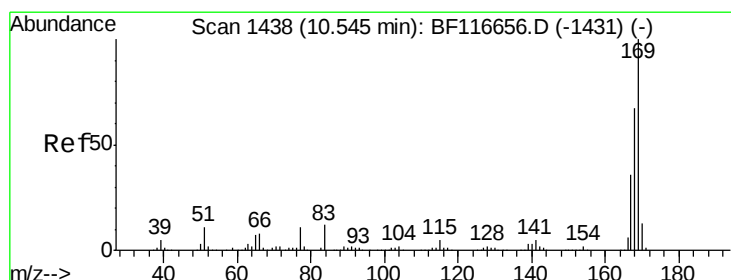
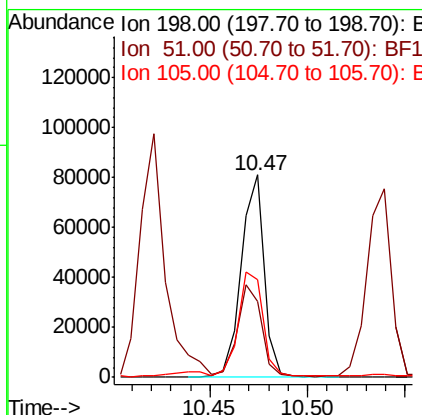
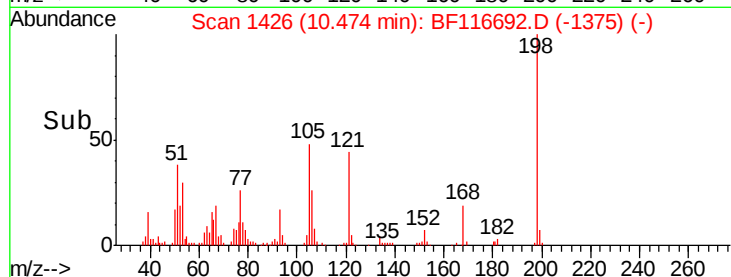
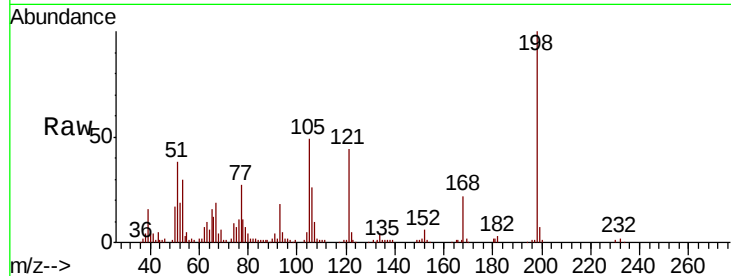
ClientSampleId :

T4-S-CMSD

Tot Ion:	198	Resp:	65984
Ion Ratio	Lower	Upper	
198	100		
51	37.8	18.4	58.4
105	48.6	22.9	62.9

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#66

n-Nitrosodiphenylamine

Concen: 41.774 ng

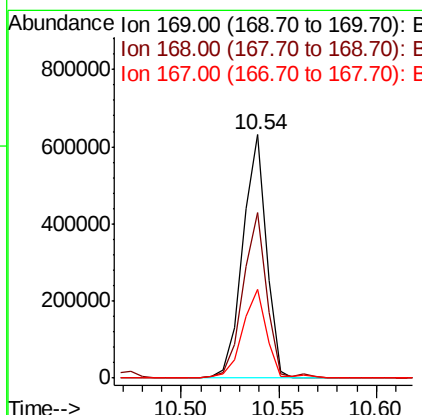
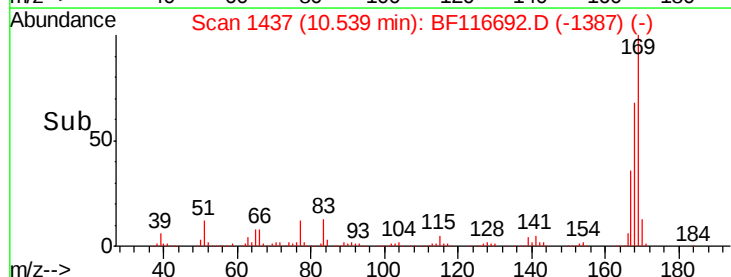
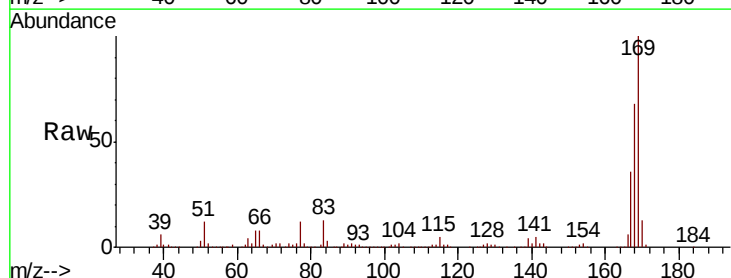
RT: 10.54 min Scan# 1437

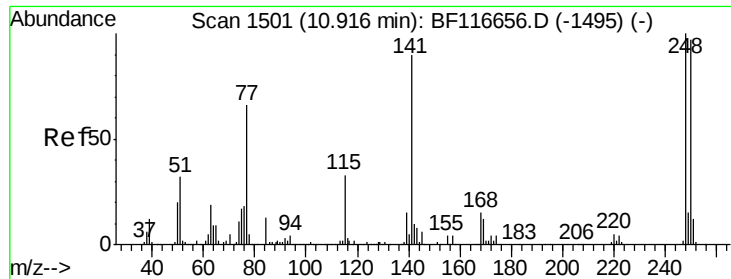
Delta R.T. -0.01 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion:	169	Resp:	528431
Ion Ratio	Lower	Upper	
169	100		
168	67.8	55.8	83.6
167	36.3	29.4	44.2





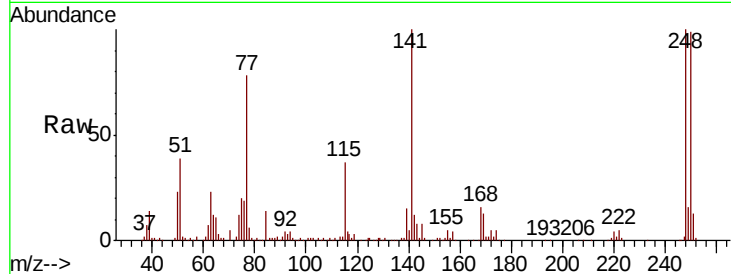
#67
 4-Bromophenyl-phenylether
 Concen: 40.111 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.01 min
 Lab File: BF116692.D
 Acq: 31 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampled :
 T4-S-CMSD

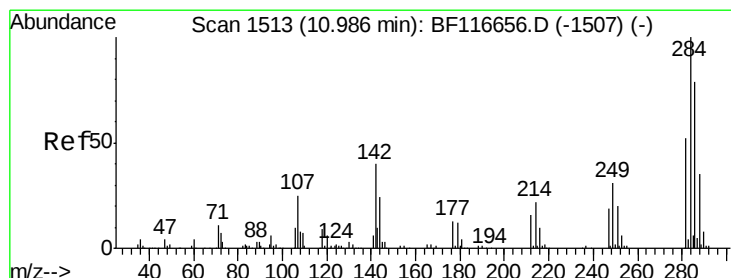
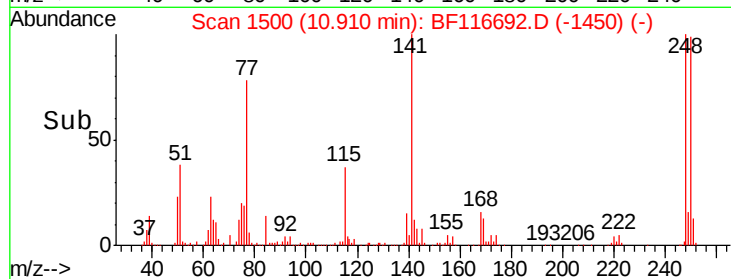
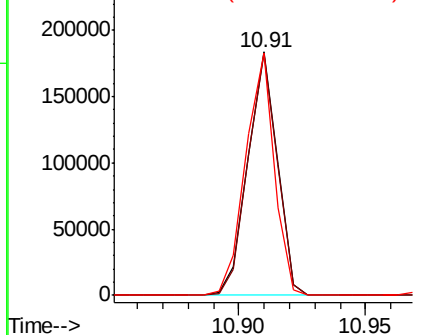
Tot Ion:	248	Resp:	149001
Ion Ratio	Lower	Upper	
248	100		
250	99.4	77.8	116.8
141	99.5	75.9	113.9

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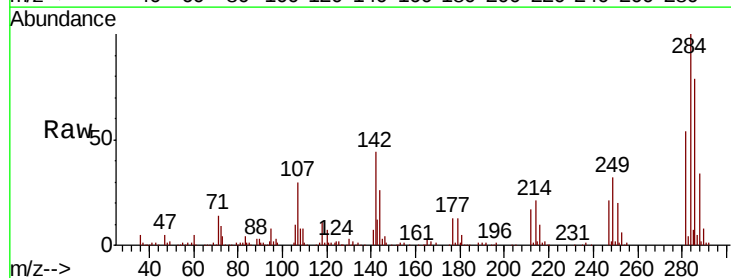


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

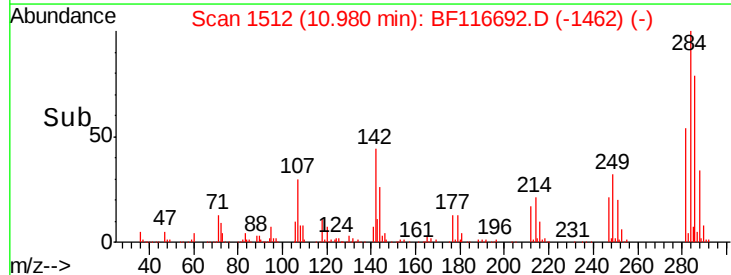
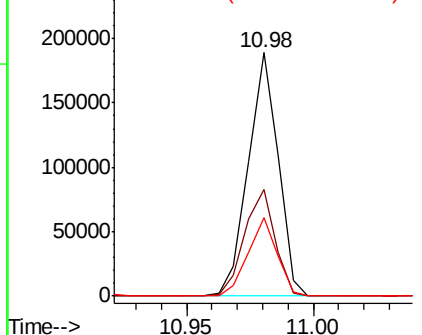


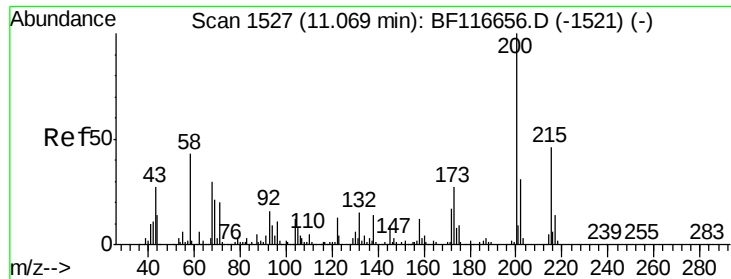
#68
 Hexachlorobenzene
 Concen: 40.029 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: BF116692.D
 Acq: 31 Aug 2019 12:02

Tgt Ion:	284	Resp:	155575
Ion Ratio	Lower	Upper	
284	100		
142	43.9	34.0	51.0
249	32.3	26.4	39.6



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





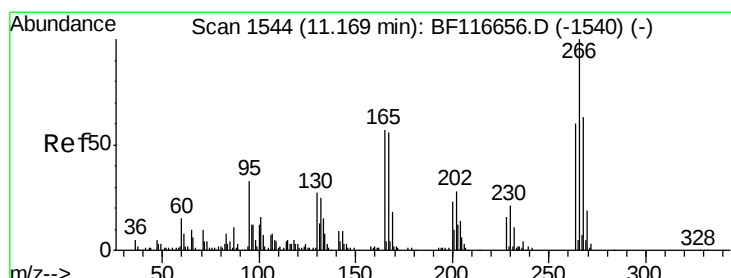
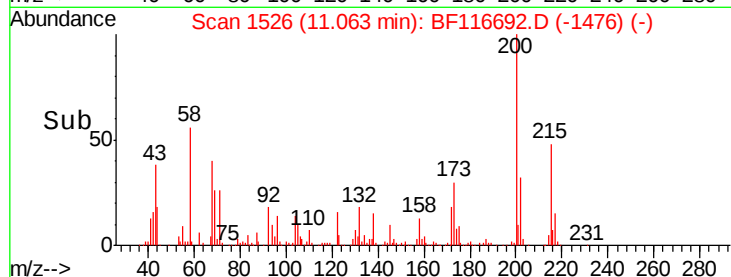
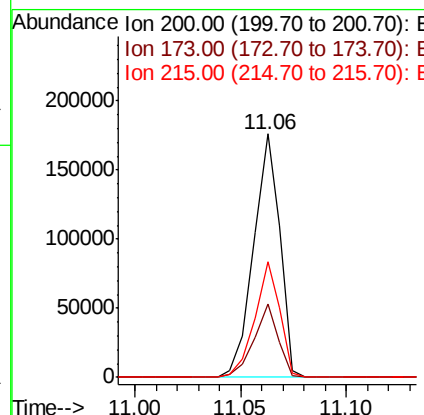
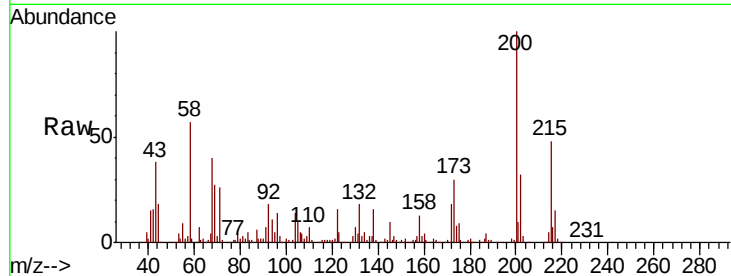
#69
Atrazine
Concen: 42.985 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	152290		
173	29.9	6.2	46.2	
215	47.7	24.3	64.3	

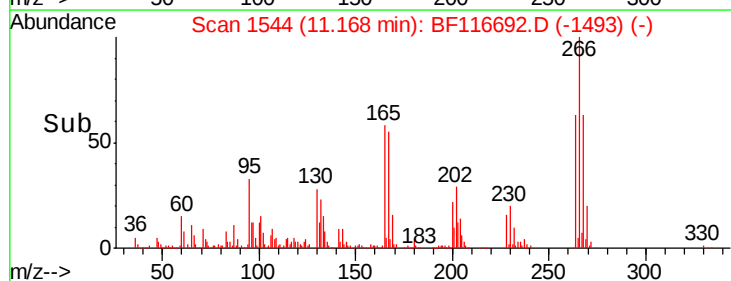
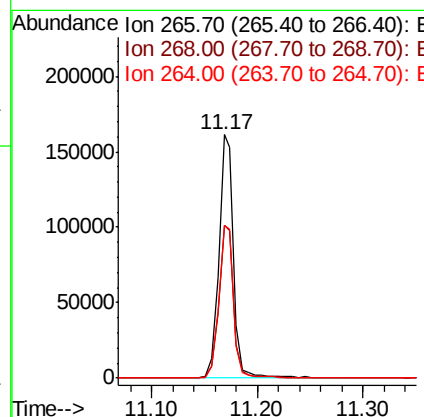
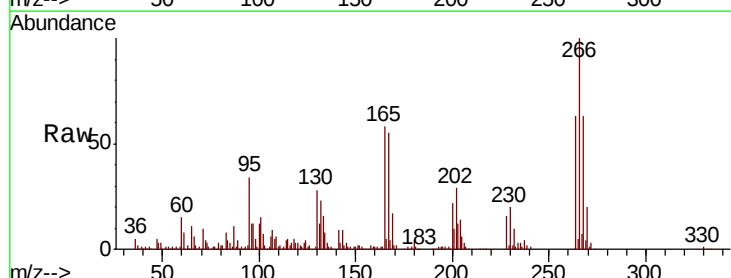
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#70
Pentachlorophenol
Concen: 85.016 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	159839		
268	62.8	51.2	76.8	
264	62.6	51.9	77.9	





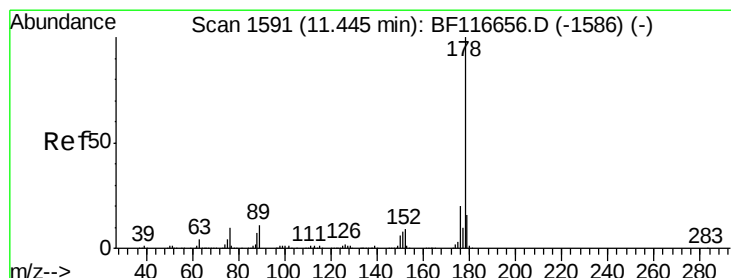
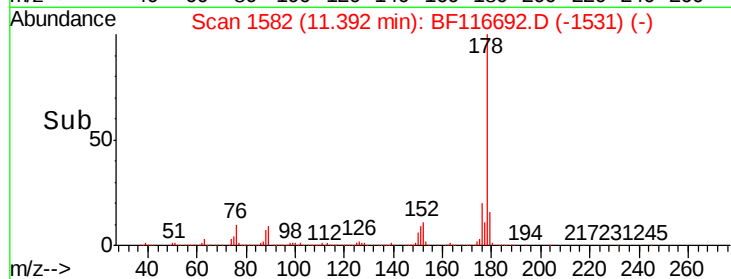
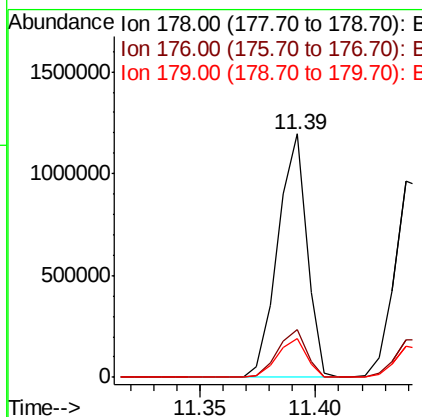
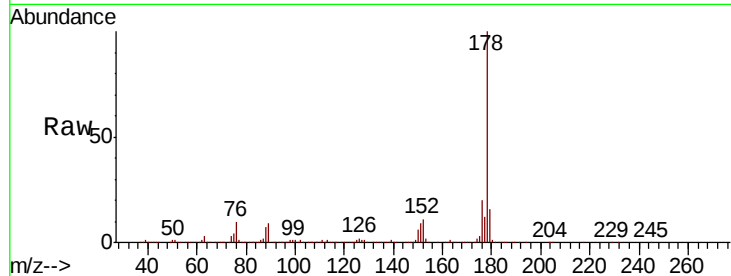
#71
Phenanthrene
Concen: 51.174 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	15.7	12.2	18.2

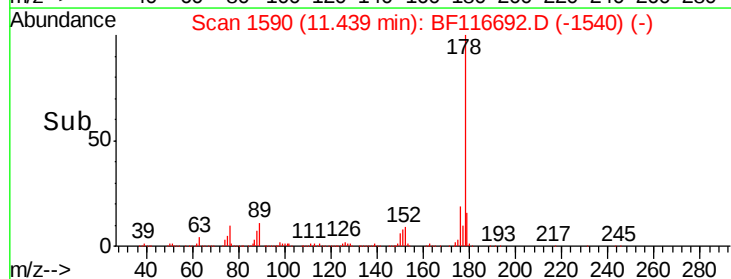
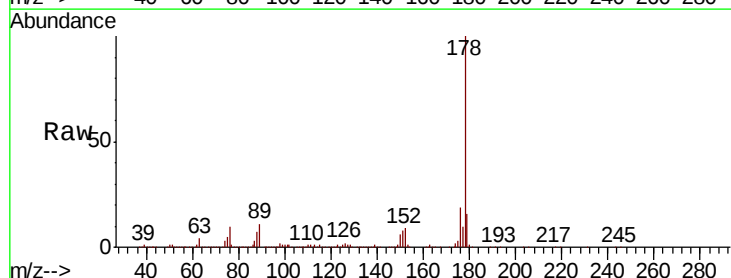
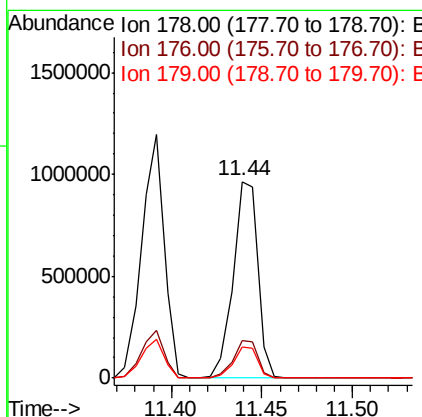
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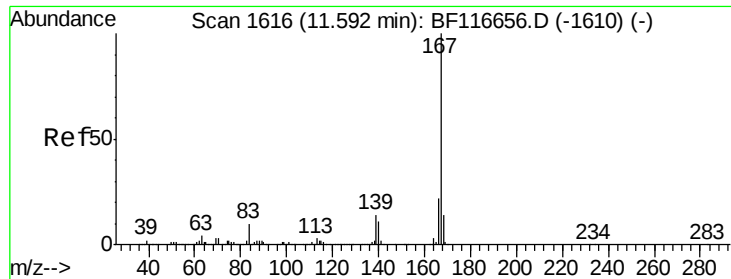
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#72
Anthracene
Concen: 44.761 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.0
179	15.6	12.5	18.7





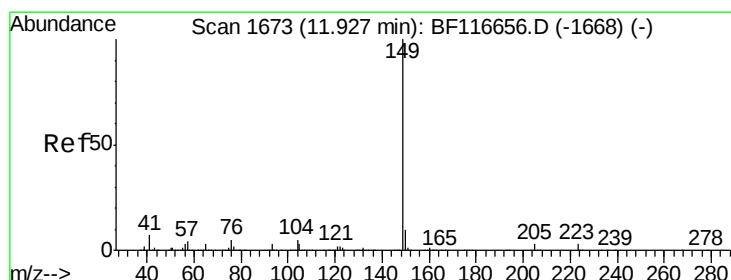
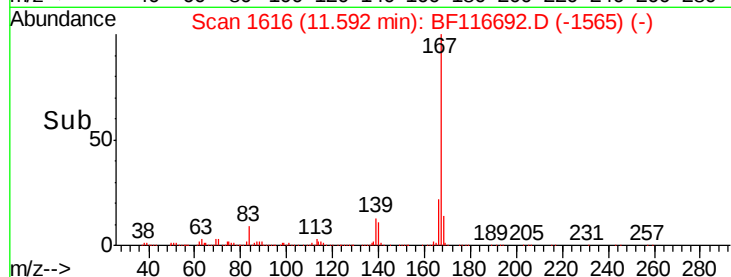
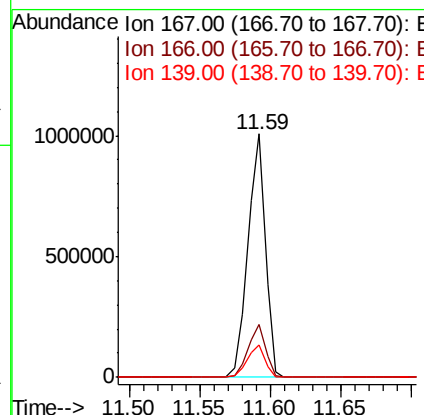
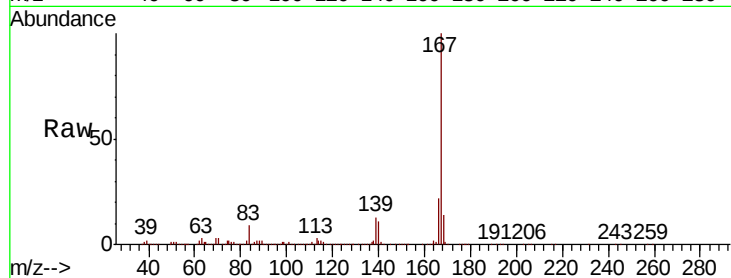
#73
 Carbazole
 Concen: 44.560 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. -0.00 min
 Lab File: BF116692.D
 Acq: 31 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.8	26.6
139	13.4	11.1	16.7

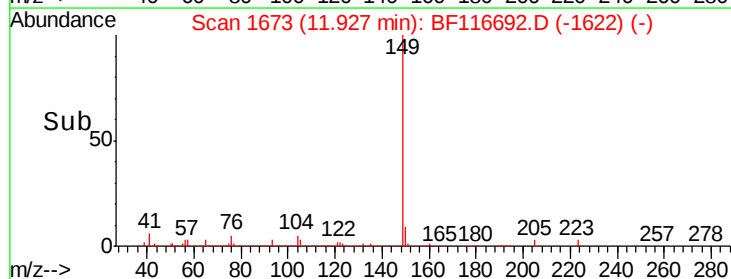
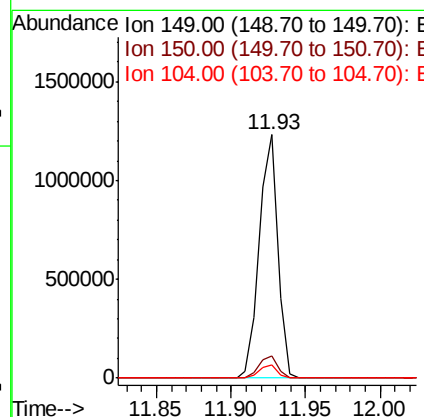
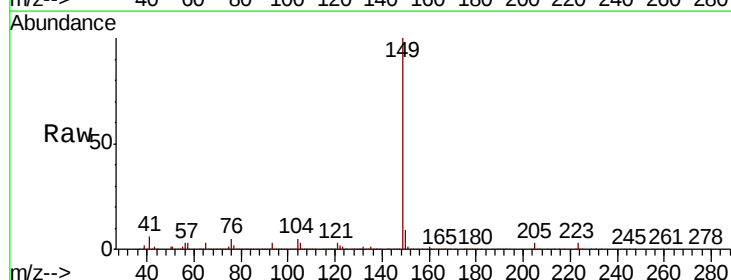
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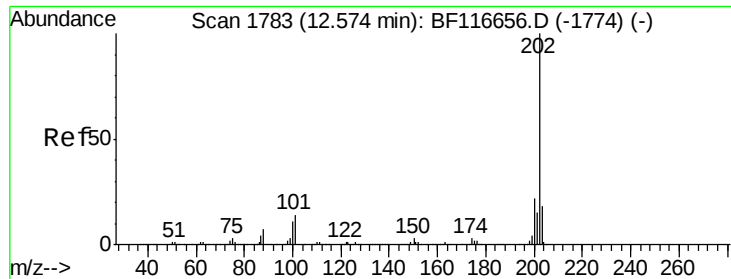
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#74
 Di-n-butylphthalate
 Concen: 41.865 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116692.D
 Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.2	10.8
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 58.290 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

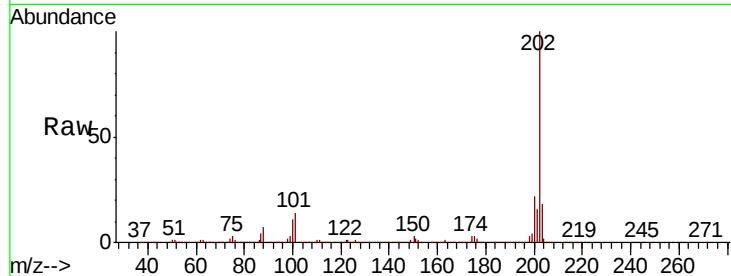
ClientSampleId :

T4-S-CMSD

Tot Ion:	202	Resp:	1166055
Ion	Ratio	Lower	Upper
202	100		
101	14.3	0.0	31.3
203	18.0	0.0	37.6

Manual Integrations
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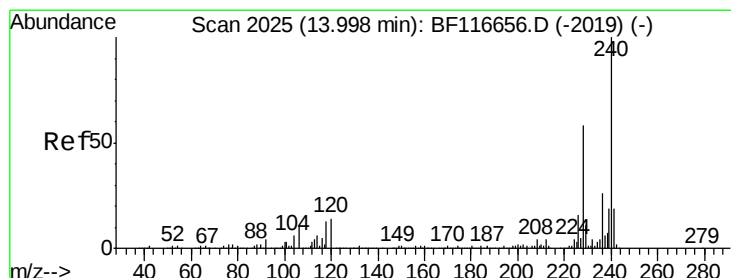
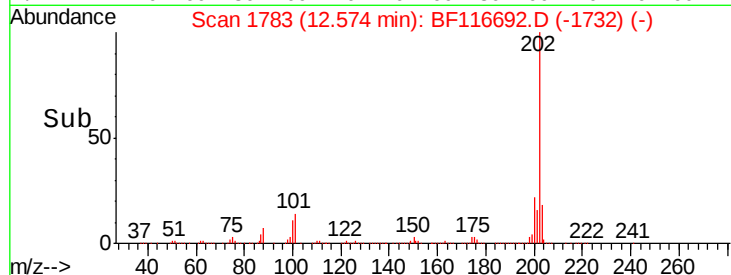
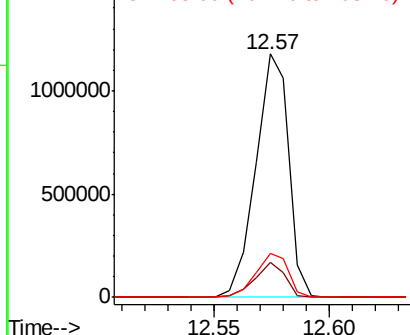


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

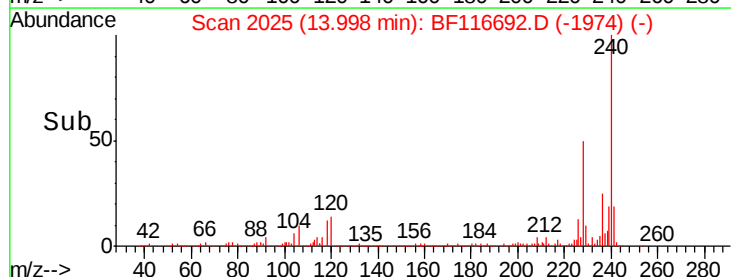
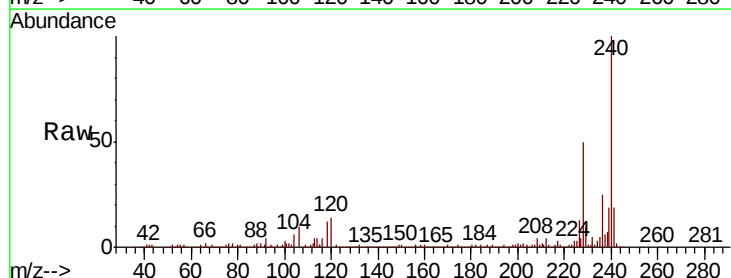
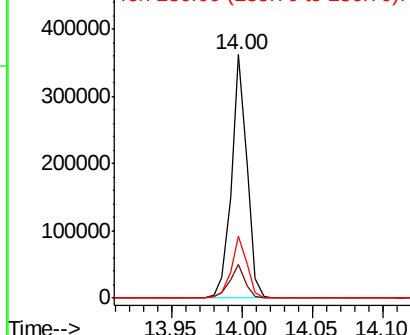
Tgt Ion:	240	Resp:	274874
Ion	Ratio	Lower	Upper
240	100		
120	13.7	9.1	13.7#
236	25.2	21.1	31.7

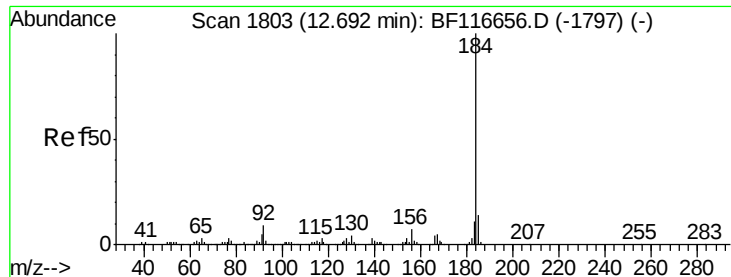
Abundance

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: 33.330 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Instrument :

BNA_F

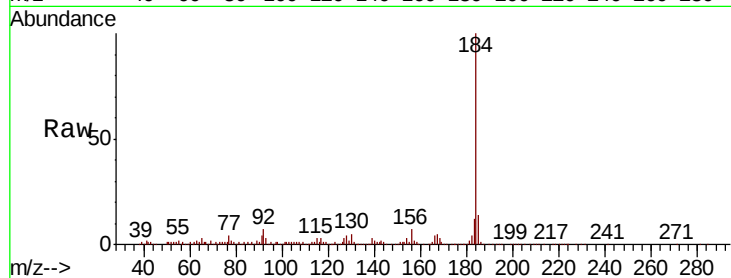
ClientSampleId :

T4-S-CMSD

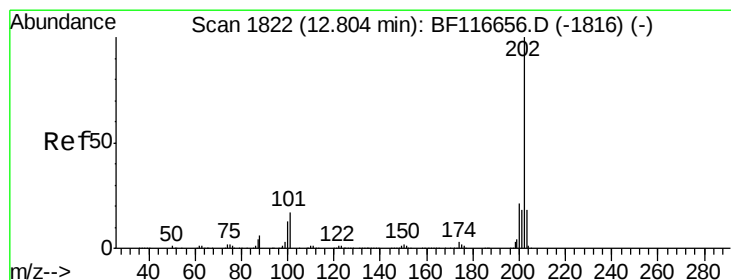
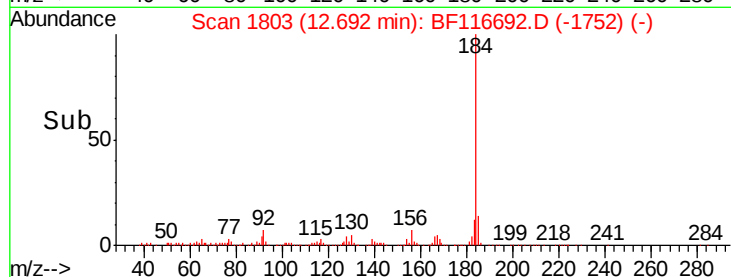
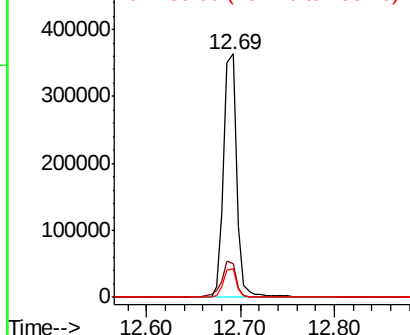
Tot Ion:	184	Resp:	359340
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.3	16.9
183	11.9	9.2	13.8

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



#78

Pyrene

Concen: 47.246 ng

RT: 12.80 min Scan# 1822

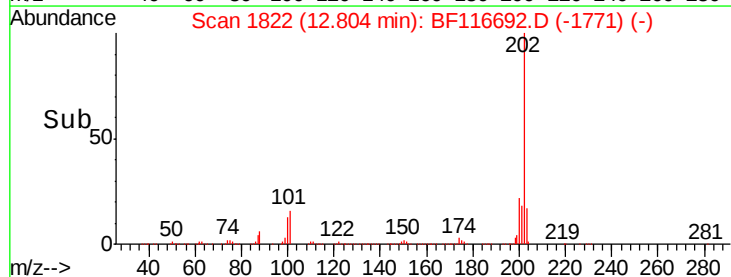
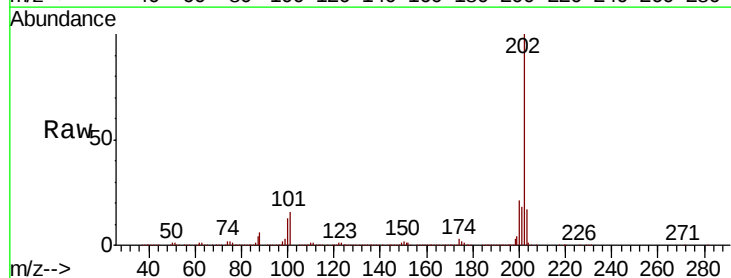
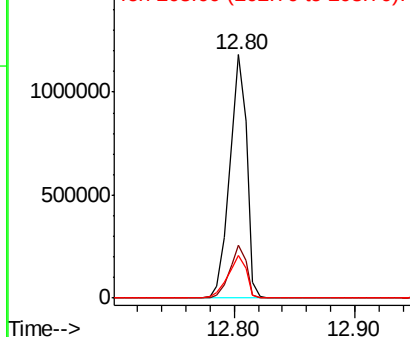
Delta R.T. -0.00 min

Lab File: BF116692.D

Acq: 31 Aug 2019 12:02

Tgt Ion:	202	Resp:	1154423
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.5	24.7
203	17.5	13.7	20.5

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





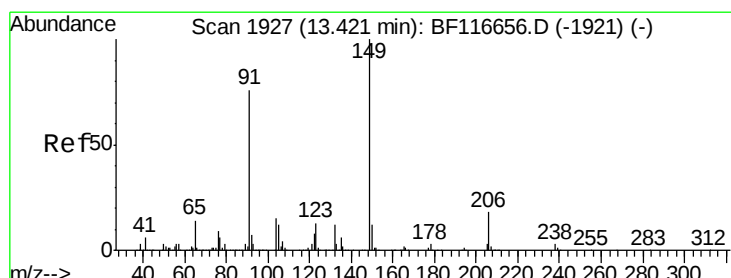
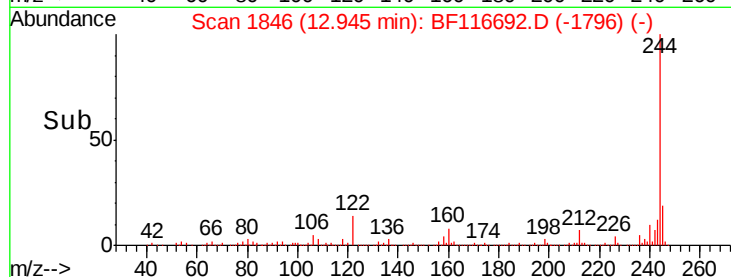
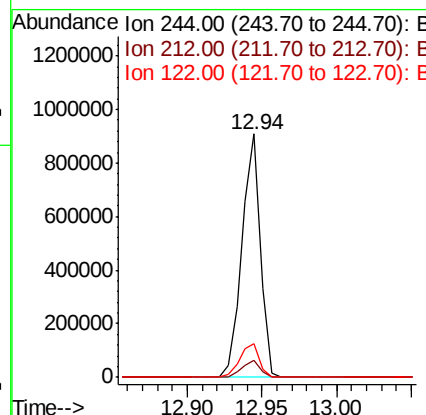
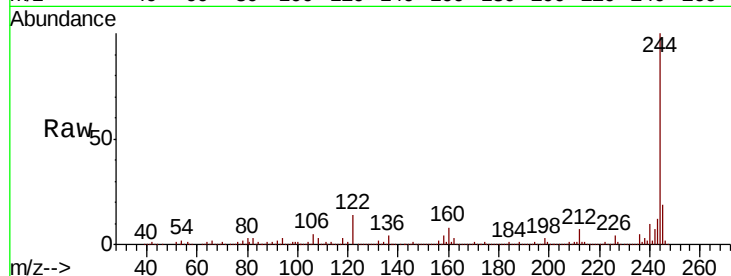
#79
 Terphenyl-d14
 Concen: 52.963 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF116692.D
 Acq: 31 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	6.1	9.1	
122	14.0	10.2	15.4	

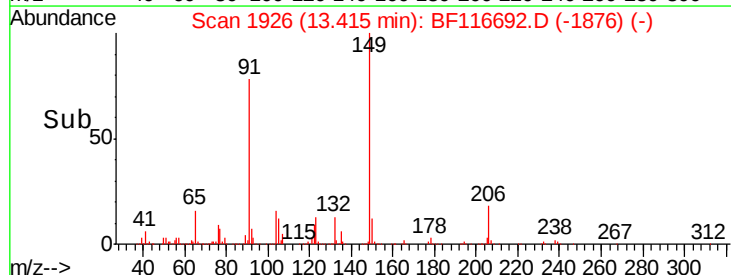
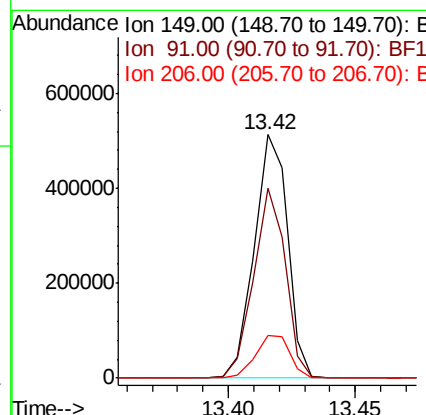
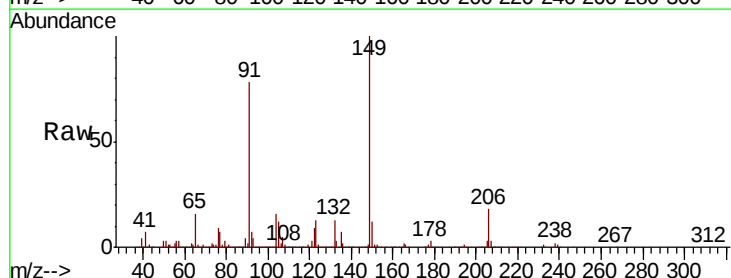
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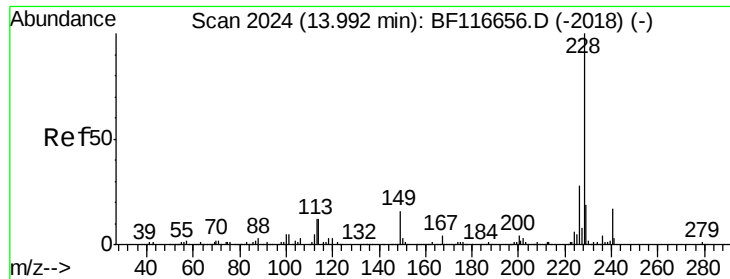
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.534 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BF116692.D
 Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	78.2	61.0	91.4	
206	17.7	14.8	22.2	





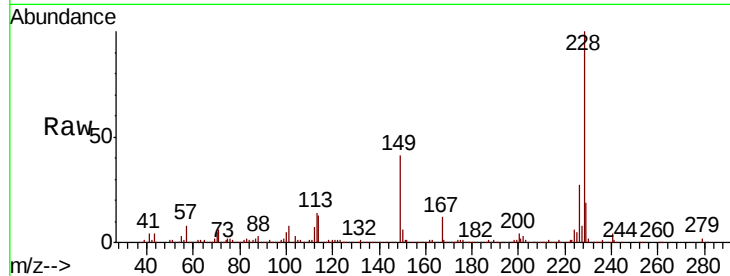
#81
Benzo(a)anthracene
Concen: 47.816 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.0	33.0
229	19.1	16.4	24.6

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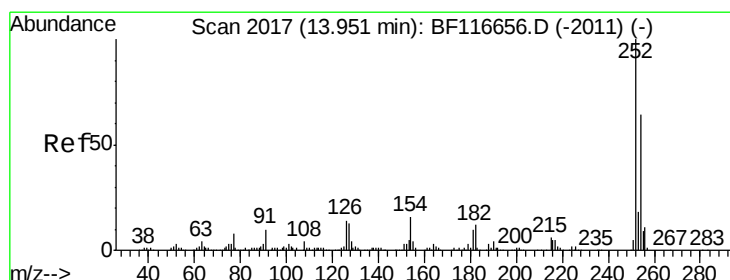
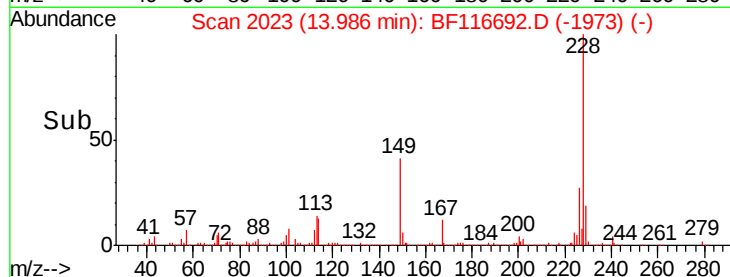
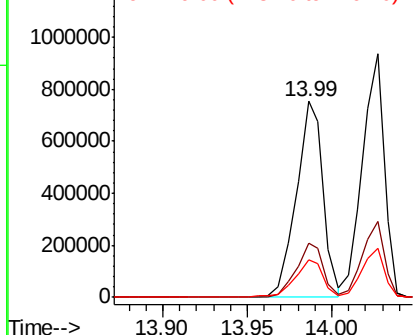


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 30.030 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

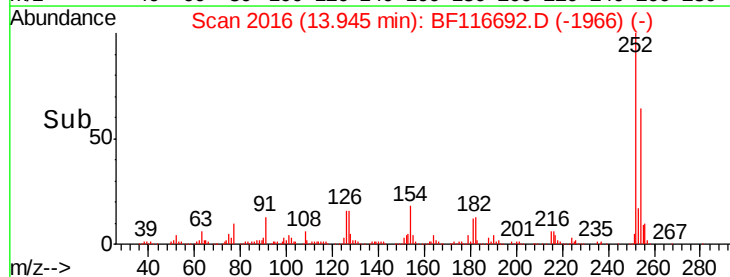
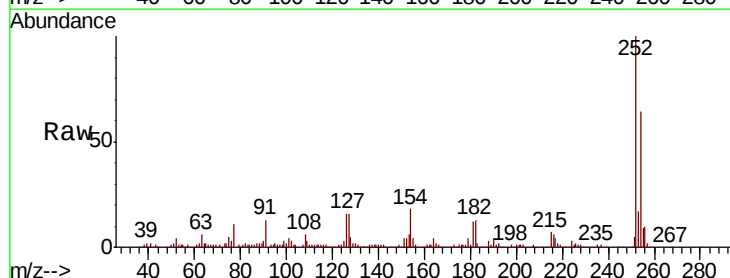
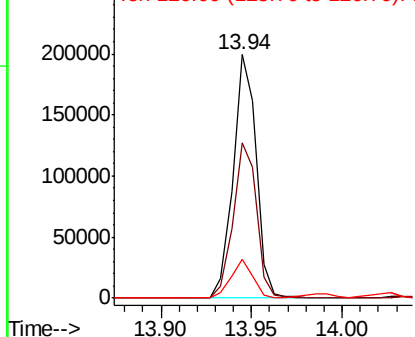
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	50.1	75.1
126	16.2	10.6	16.0

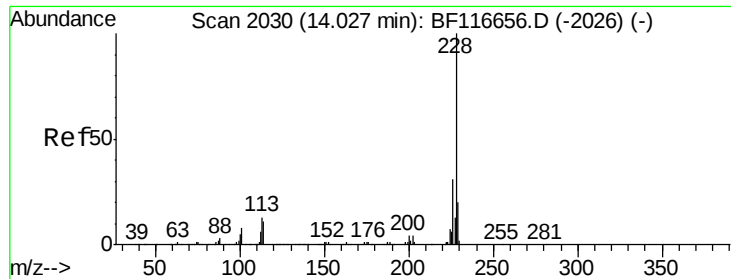
Abundance

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





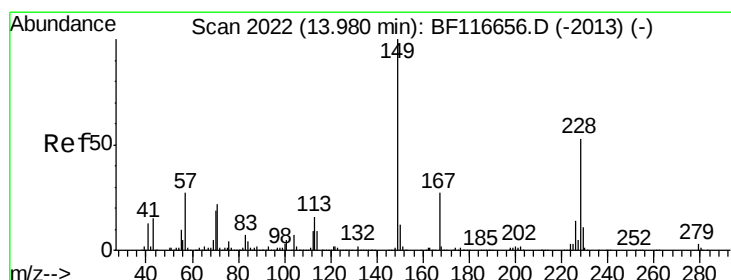
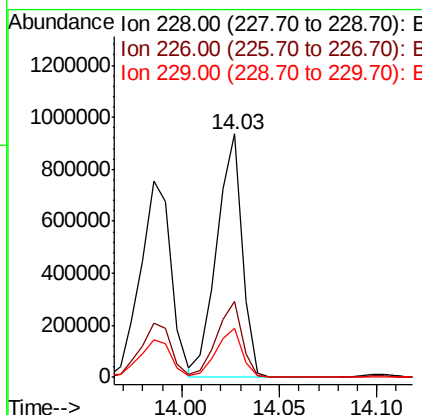
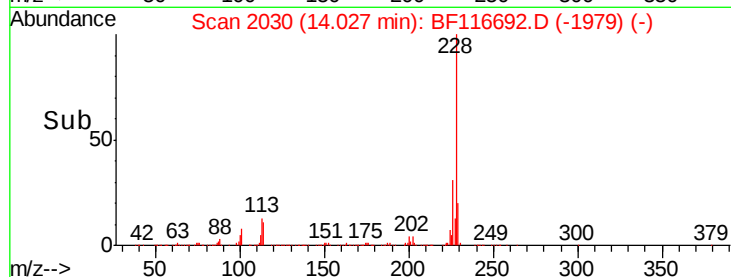
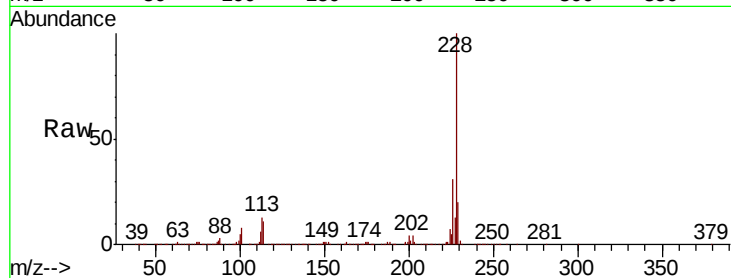
#83
 Chrvsene
 Concen: 47.141 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF116692.D
 Acq: 31 Aug 2019 12:02

Instrument :
 BNA_F
 ClientSampleId :
 T4-S-CMSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	844905		
226	31.0		24.0	36.0
229	20.3		15.4	23.0

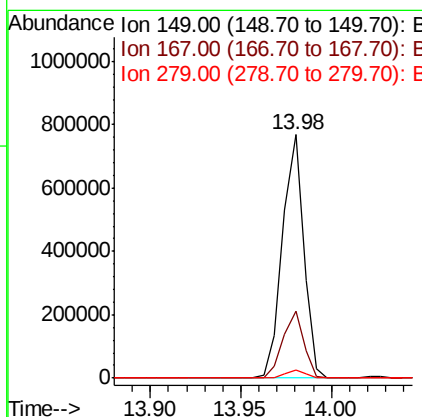
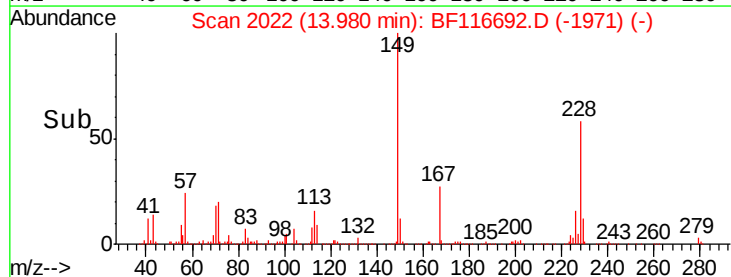
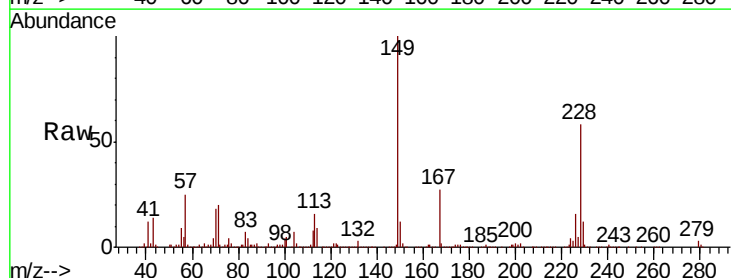
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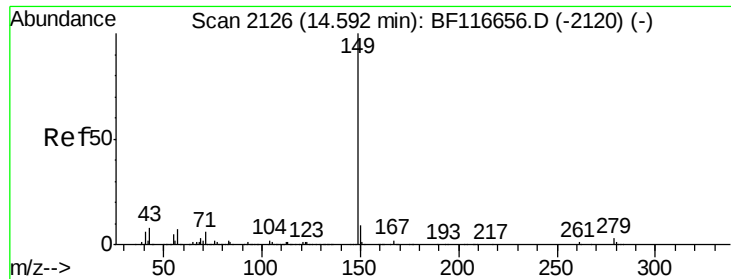
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.990 ng
 RT: 13.98 min Scan# 2222
 Delta R.T. -0.00 min
 Lab File: BF116692.D
 Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	630575		
167	27.3		21.0	31.4
279	3.3		2.8	4.2





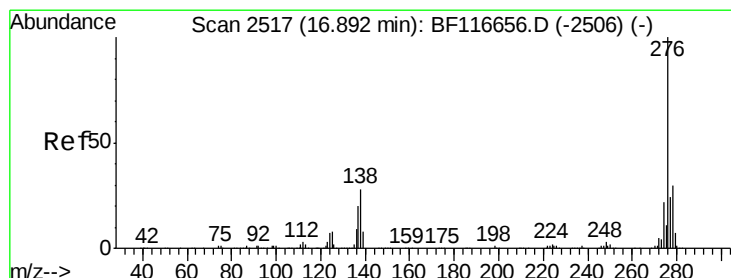
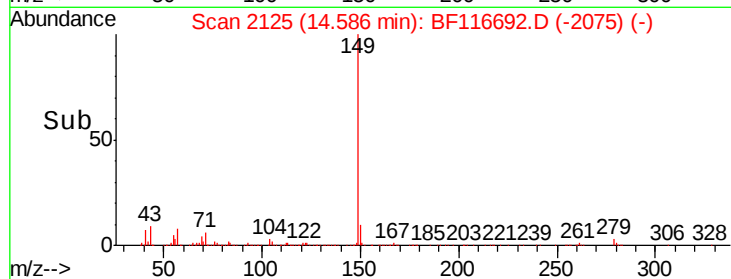
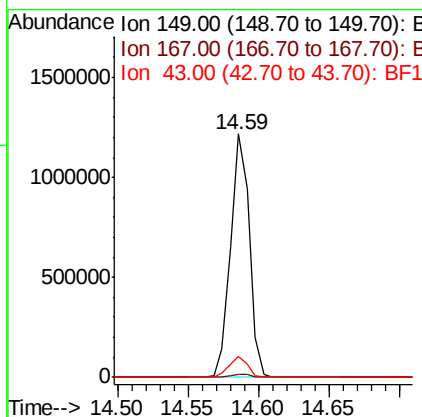
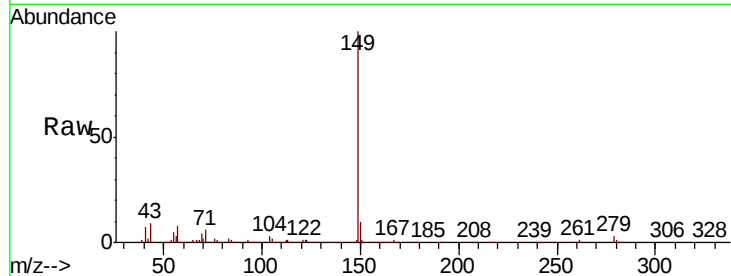
#85
Di-n-octyl phthalate
Concen: 46.945 ng
RT: 14.59 min Scan# 2125
Delta R.T. -0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	8.3	7.8	11.8

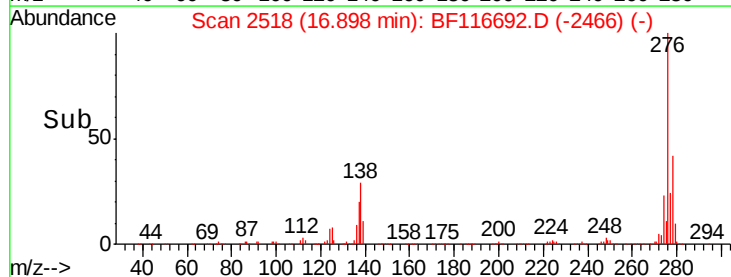
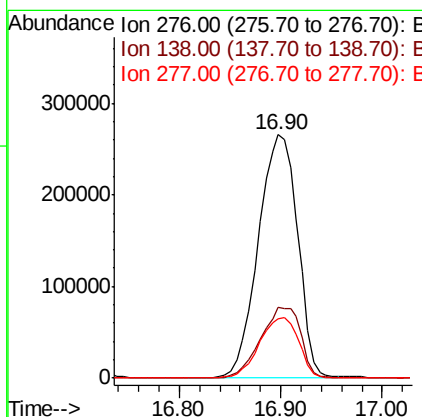
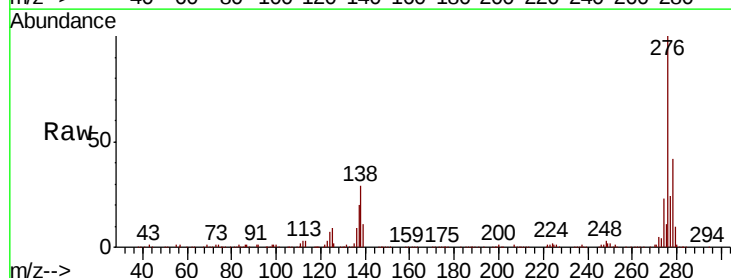
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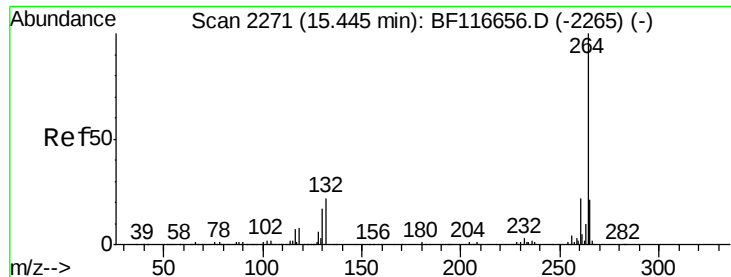
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 49.801 ng
RT: 16.90 min Scan# 2518
Delta R.T. 0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.0	19.4	29.2#
277	25.3	20.5	30.7





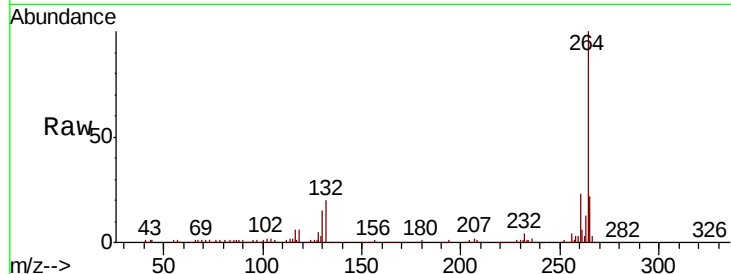
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2272
Delta R.T. 0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.3	27.5
265	21.9	16.5	24.7

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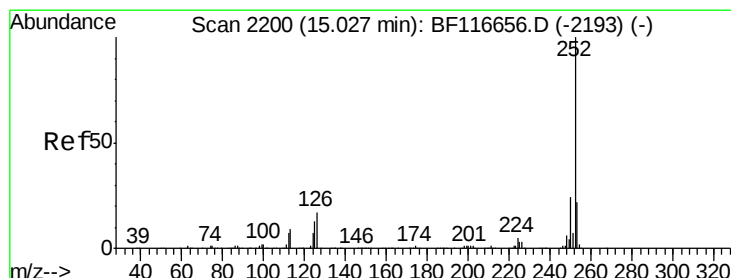
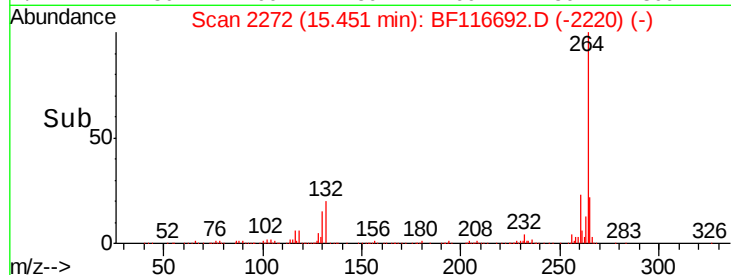
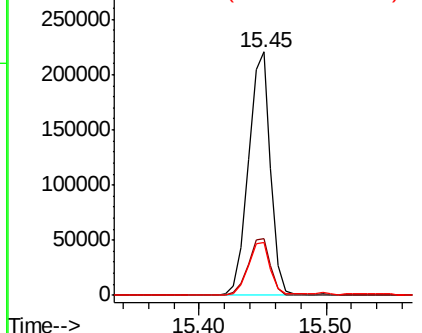


Abundance

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: 49.193 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

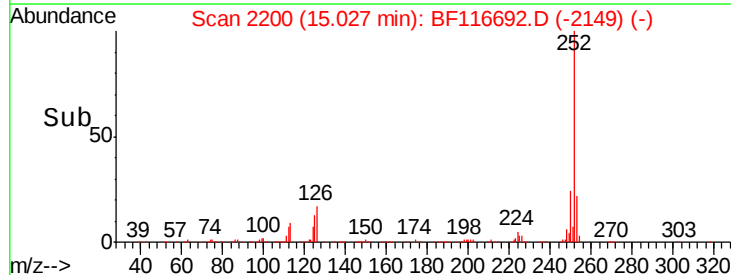
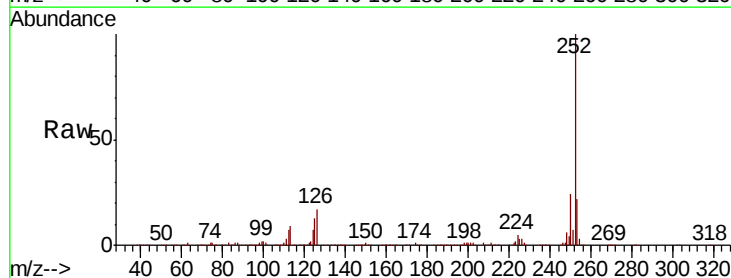
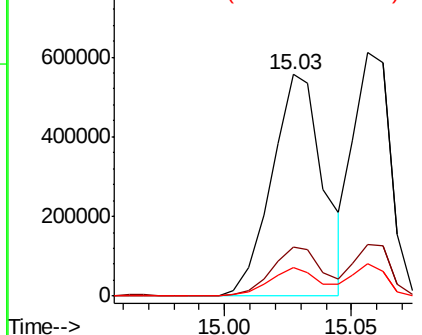
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	13.1	8.2	12.2#

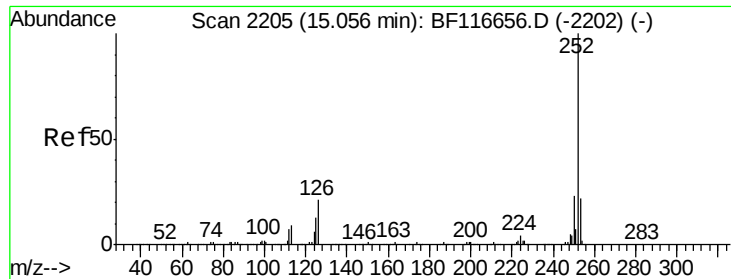
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





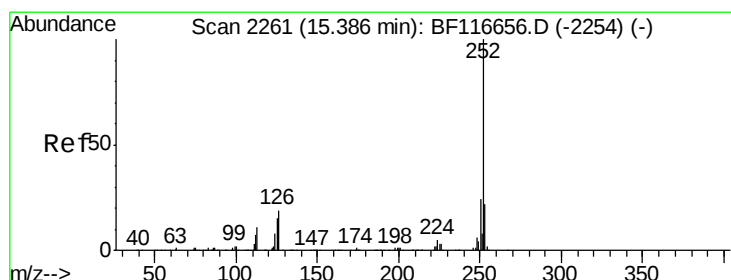
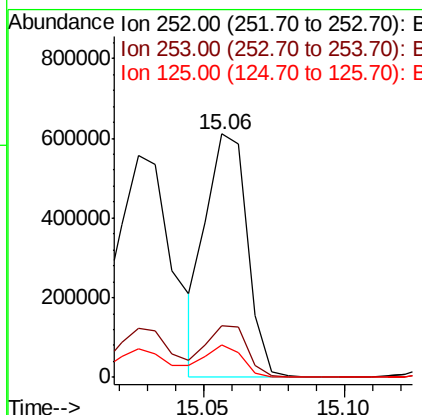
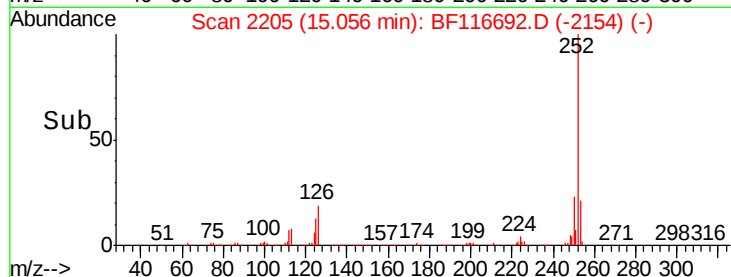
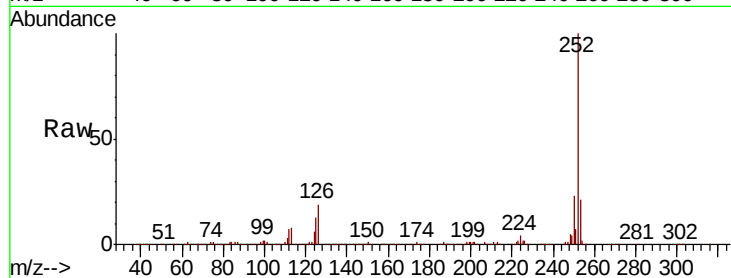
#89
Benzo(k)fluoranthene
Concen: 42.495 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.7	26.5
125	13.1	8.6	13.0

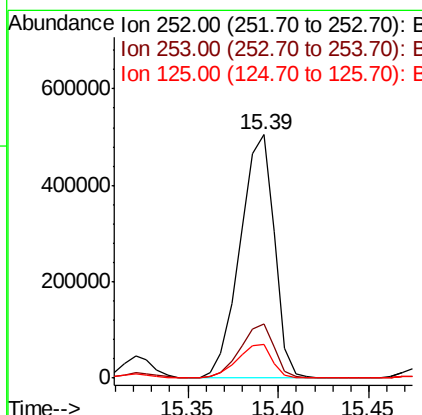
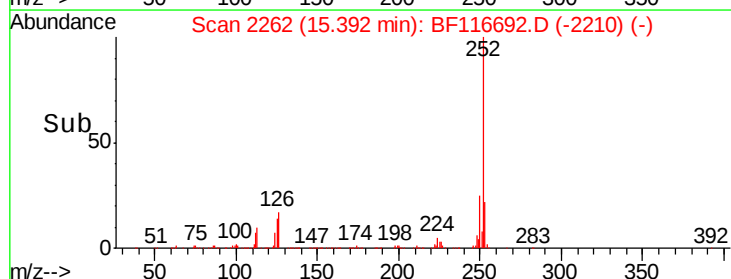
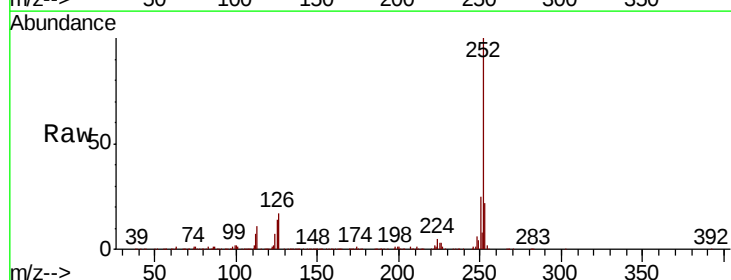
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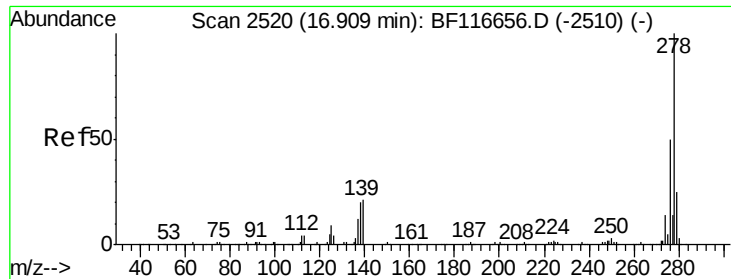
mohammad
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#90
Benzo(a)pyrene
Concen: 47.331 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.7	9.8	14.8





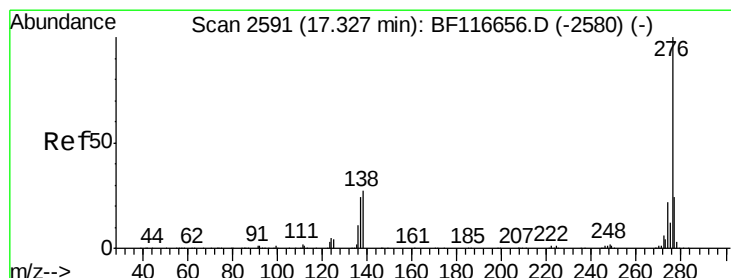
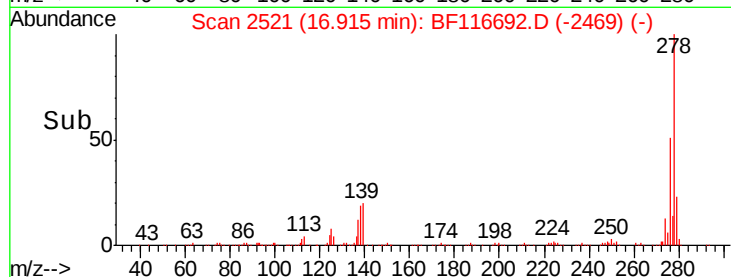
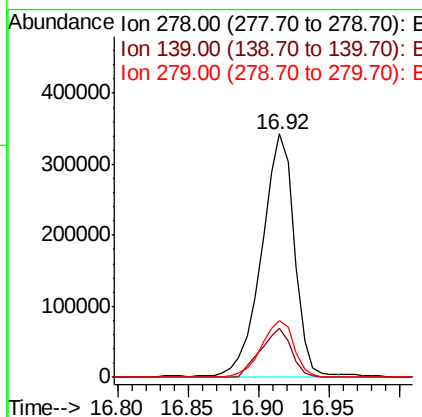
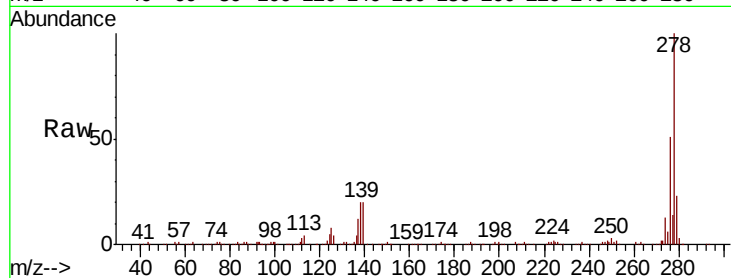
#91
Dibenzo(a,h)anthracene
Concen: 45.102 ng
RT: 16.92 min Scan# 2521
Delta R.T. 0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Instrument :
BNA_F
ClientSampleId :
T4-S-CMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	20.0	12.4	18.6#
279	23.5	18.2	27.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 49.836 ng
RT: 17.34 min Scan# 2593
Delta R.T. 0.01 min
Lab File: BF116692.D
Acq: 31 Aug 2019 12:02

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.5	27.7
138	25.2	16.2	24.2#

