

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120719\
 Data File : BF118132.D
 Acq On : 7 Dec 2019 16:39
 Operator : JU
 Sample : K6141-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CMJ-01-COMPMSD

Manual Integrations
 APPROVED

mohammad
 12/10/2019 11:47:35 AM

Quant Time: Dec 09 06:59:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 06 17:34:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	127315	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	505075	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	273135	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	531018	20.00	ng	0.00
76) Chrysene-d12	14.06	240	343067	20.00	ng	0.00
87) Perylene-d12	15.54	264	322234	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	773251	106.38	ng	0.00
7) Phenol-d6	6.50	99	980768	111.55	ng	0.00
23) Nitrobenzene-d5	7.43	82	584428	65.10	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	350412	105.61	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1136066	63.29	ng	0.00
79) Terphenyl-d14	13.00	244	1470129	73.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	115041	37.534	ng	98
3) Pyridine	3.42	79	291724	36.891	ng	99
4) n-Nitrosodimethylamine	3.37	42	148386	43.619	ng	99
6) Aniline	6.53	93	286283	25.455	ng	100
8) 2-Chlorophenol	6.65	128	377545	46.062	ng	95
9) Benzaldehyde	6.42	77	128679	24.637	ng	98
10) Phenol	6.52	94	467153	46.590	ng	99
11) bis(2-Chloroethyl)ether	6.60	93	320099	44.140	ng	94
12) 1,3-Dichlorobenzene	6.81	146	405473	42.347	ng	97
13) 1,4-Dichlorobenzene	6.89	146	408950	42.415	ng	99
14) 1,2-Dichlorobenzene	7.04	146	390072	43.081	ng	99
15) Benzyl Alcohol	7.01	79	315947	46.035	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	370873	42.535	ng	99
17) 2-Methylphenol	7.12	107	296043	45.412	ng	99
18) Hexachloroethane	7.38	117	148668	41.847	ng	97
19) n-Nitroso-di-n-propylamine	7.28	70	238316	44.607	ng	98
20) 3+4-Methylphenols	7.27	107	380951	46.523	ng	91
22) Acetophenone	7.28	105	505959	41.697	ng	# 93
24) Nitrobenzene	7.45	77	371349	42.100	ng	99
25) Isophorone	7.69	82	663558	43.599	ng	99
26) 2-Nitrophenol	7.77	139	212994	45.178	ng	95
27) 2,4-Dimethylphenol	7.80	122	320203	50.917	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	415456	41.776	ng	99
29) 2,4-Dichlorophenol	8.01	162	325745	44.433	ng	98
30) 1,2,4-Trichlorobenzene	8.09	180	350722	40.936	ng	100
31) Naphthalene	8.17	128	1101977	43.443	ng	99
32) Benzoic acid	7.93	122	212397	37.406	ng	97
33) 4-Chloroaniline	8.22	127	107100	9.778	ng	97
34) Hexachlorobutadiene	8.29	225	205317	39.964	ng	99
35) Caprolactam	8.60	113	103119m	45.611	ng	
36) 4-Chloro-3-methylphenol	8.71	107	351571	45.570	ng	99
37) 2-Methylnaphthalene	8.87	142	755715	44.006	ng	99
38) 1-Methylnaphthalene	8.97	142	705517	43.755	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.04	216	339554	41.037	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.02	237	362629	97.816	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	238620	43.193	nq	97
44) 2,4,5-Trichlorophenol	9.19	196	257994	45.075	nq	96
46) 1,1'-Biphenyl	9.33	154	918868	42.655	nq	99
47) 2-Chloronaphthalene	9.36	162	722242	41.680	nq	98
48) 2-Nitroaniline	9.46	65	205643	41.615	nq	98
49) Acenaphthylene	9.78	152	1158819	45.340	nq	100
50) Dimethylphthalate	9.64	163	978128	48.482	nq	99
51) 2,6-Dinitrotoluene	9.70	165	198195	45.179	nq	94
52) Acenaphthene	9.95	154	669980	42.948	nq	100
53) 3-Nitroaniline	9.87	138	112585	21.807	nq	98
54) 2,4-Dinitrophenol	9.98	184	135186	61.939	nq	90
55) Dibenzofuran	10.12	168	1018670	44.565	nq	100
56) 4-Nitrophenol	10.04	139	314336	87.733	nq	98
57) 2,4-Dinitrotoluene	10.11	165	270273	46.158	nq	91
58) Fluorene	10.47	166	804379	44.281	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.25	232	218602	46.293	nq	100
60) Diethylphthalate	10.34	149	875147	44.027	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	391979	42.886	nq	97
62) 4-Nitroaniline	10.49	138	220333	40.920	nq	98
63) Azobenzene	10.62	77	762829	44.955	nq	99
65) 4,6-Dinitro-2-methylphenol	10.52	198	115479	39.378	nq	85
66) n-Nitrosodiphenylamine	10.58	169	725750	43.765	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	255844	42.207	nq	95
68) Hexachlorobenzene	11.02	284	291462	40.851	nq	# 90
69) Atrazine	11.11	200	226083	55.837	nq	98
70) Pentachlorophenol	11.22	266	289380	86.247	nq	98
71) Phenanthrene	11.43	178	1232031	43.645	nq	99
72) Anthracene	11.49	178	1271223	45.143	nq	99
73) Carbazole	11.64	167	1125376	44.542	nq	100
74) Di-n-butylphthalate	11.97	149	1412396	44.668	nq	99
75) Fluoranthene	12.63	202	1283854	44.484	nq	98
77) Benzidine	12.75	184	411890	45.607	nq	98
78) Pyrene	12.86	202	1293248	47.836	nq	99
80) Butylbenzylphthalate	13.47	149	586582	47.909	nq	95
81) Benzo(a)anthracene	14.05	228	999012	42.113	nq	99
82) 3,3'-Dichlorobenzidine	14.01	252	154490	19.830	nq	99
83) Chrysene	14.09	228	960277	42.378	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	825658	51.141	nq	# 99
85) Di-n-octyl phthalate	14.64	149	1238931	50.659	nq	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	970982	50.927	nq	100
88) Benzo(b)fluoranthene	15.11	252	913715	42.874	nq	99
89) Benzo(k)fluoranthene	15.14	252	822854	40.192	nq	99
90) Benzo(a)pyrene	15.49	252	831318	44.167	nq	99
91) Dibenzo(a,h)anthracene	17.07	278	813090	50.365	nq	100
92) Benzo(g,h,i)perylene	17.52	276	820490	52.890	nq	99

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

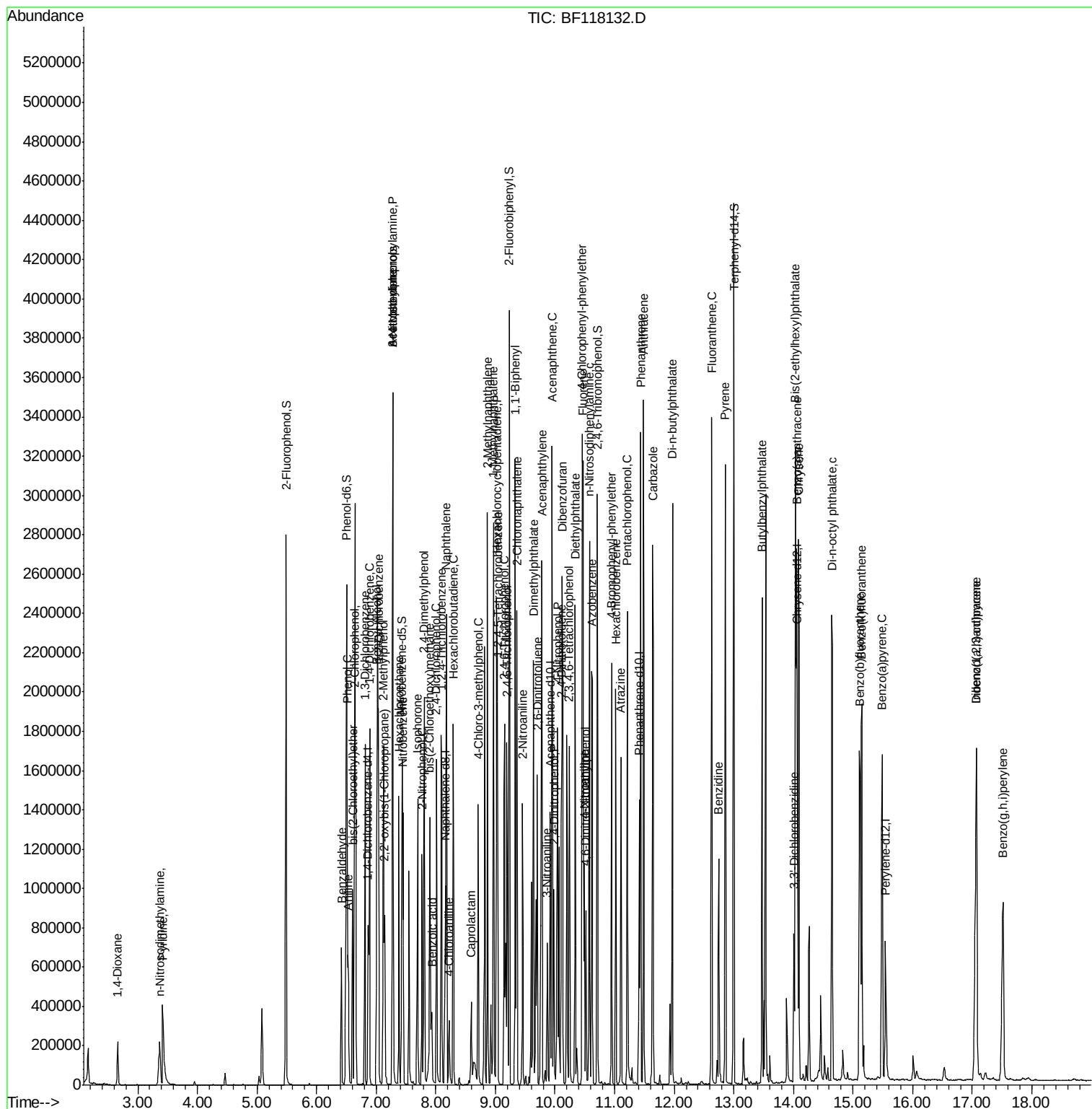
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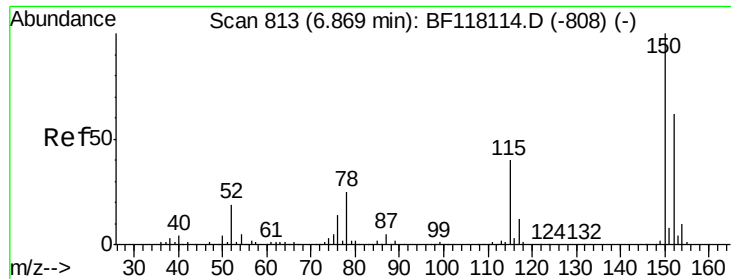
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#1

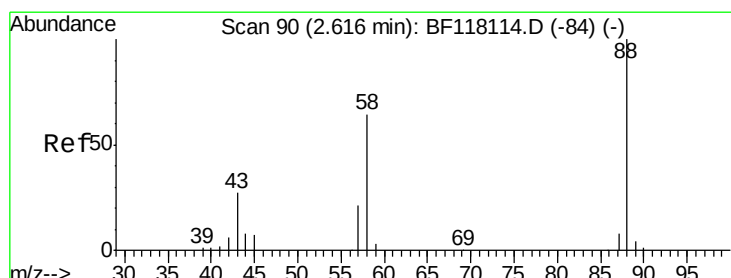
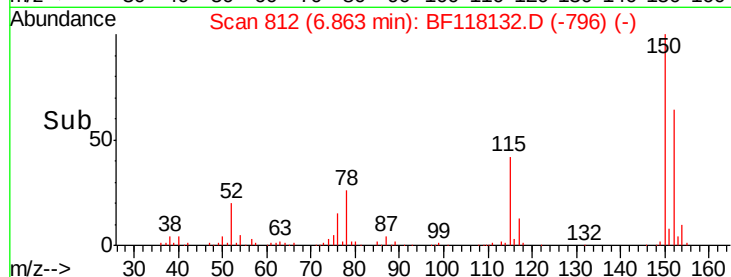
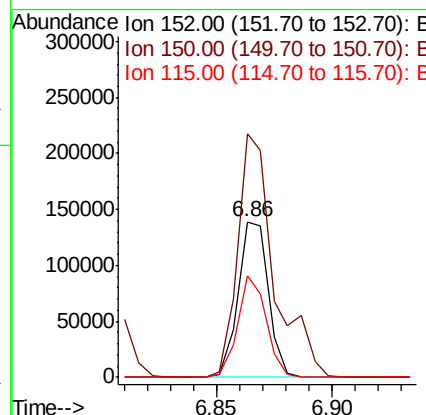
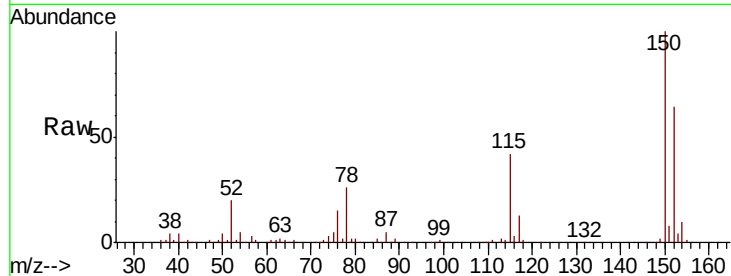
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
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ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	128.3	192.5
115	65.3	51.1	76.7

Manual Integrations
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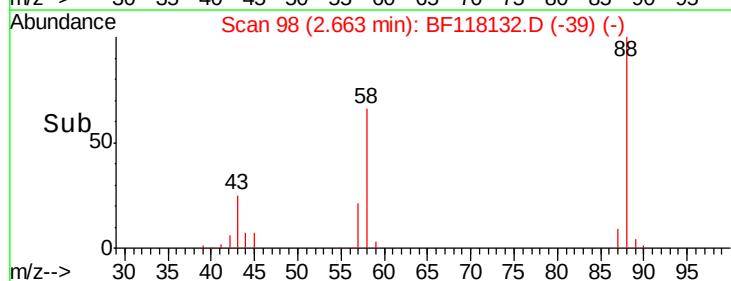
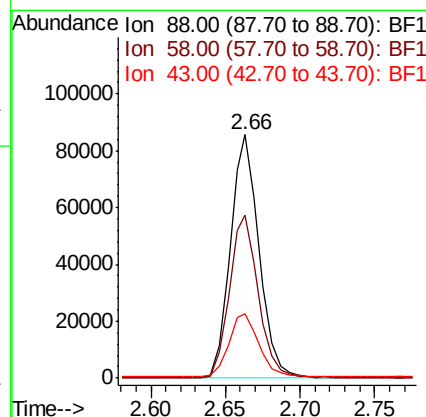
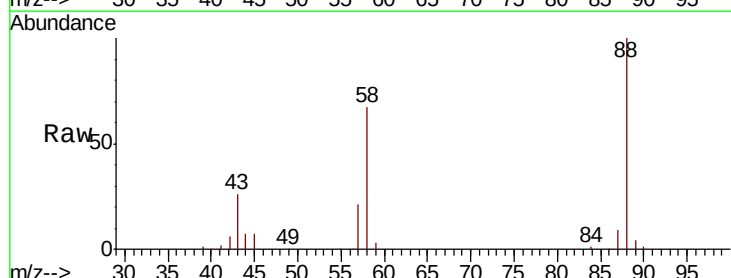
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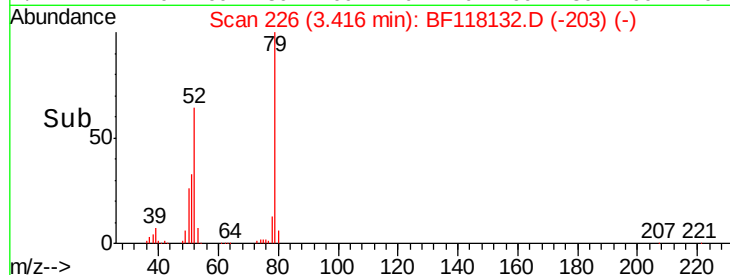
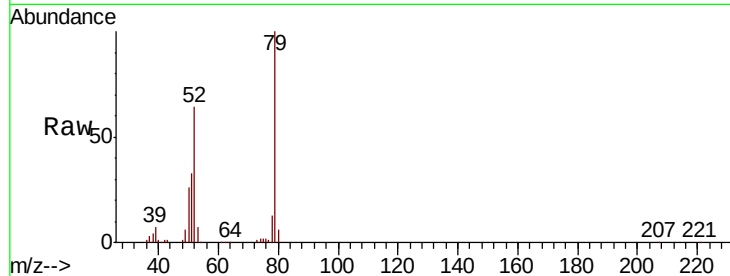
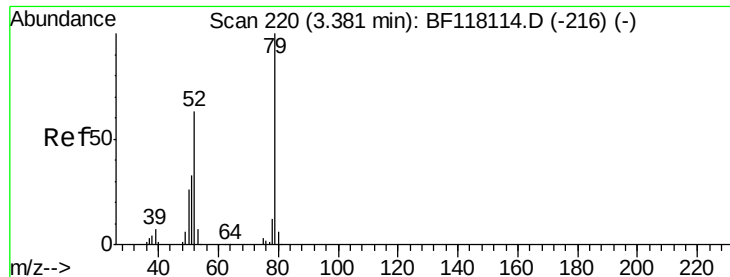


#2

1,4-Dioxane
Concen: 37.534 ng
RT: 2.66 min Scan# 98
Delta R.T. 0.05 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.5	52.2	78.4
43	27.3	21.4	32.2





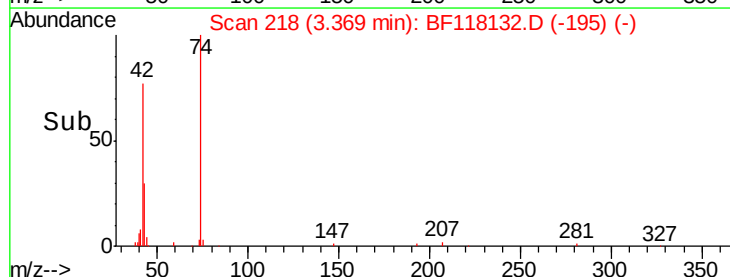
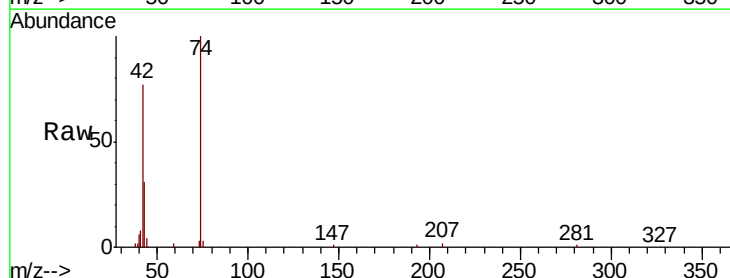
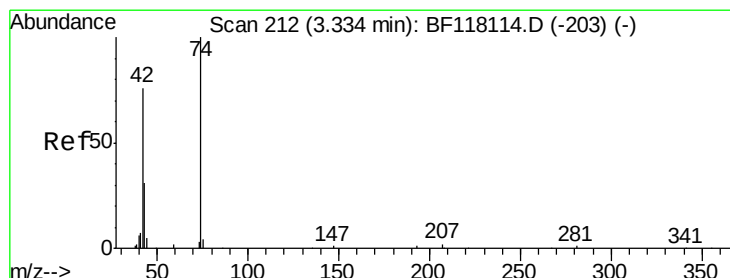
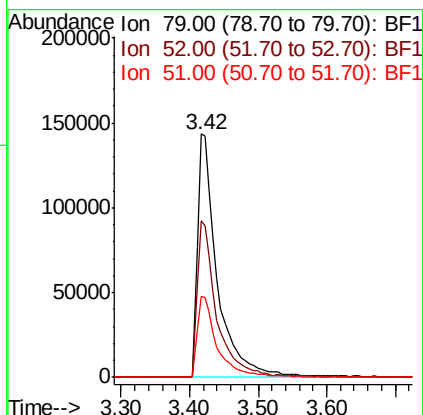
#3
Pvridine
Concen: 36.891 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.04 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tot Ion	79	Resp	291724
Ion Ratio	Lower	Upper	
79	100		
52	64.3	50.7	76.1
51	33.4	26.4	39.6

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

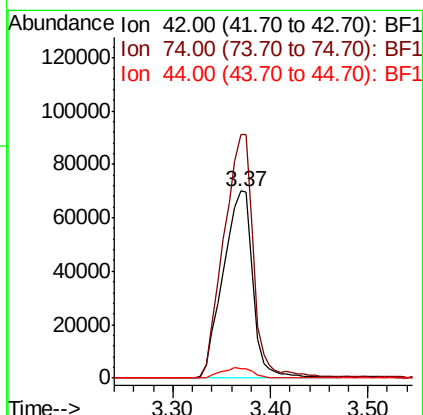
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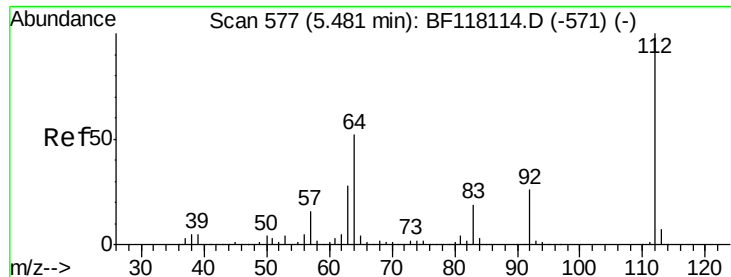
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#4
n-Nitrosodimethylamine
Concen: 43.619 ng
RT: 3.37 min Scan# 218
Delta R.T. 0.04 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	42	Resp	148386
Ion Ratio	Lower	Upper	
42	100		
74	130.3	104.6	157.0
44	5.1	5.1	7.7





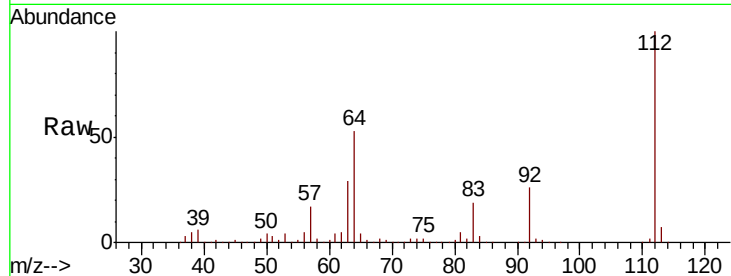
#5
2-Fluorophenol
Concen: 106.376 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

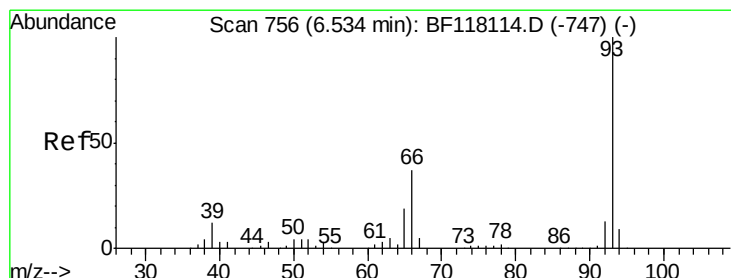
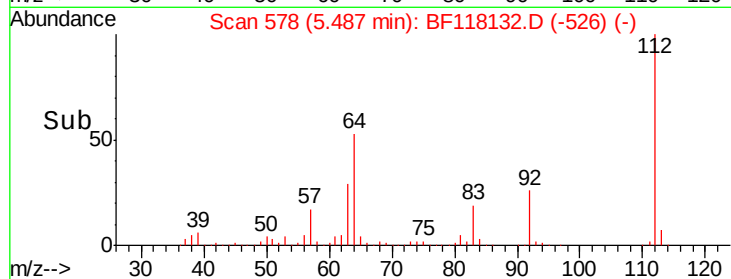
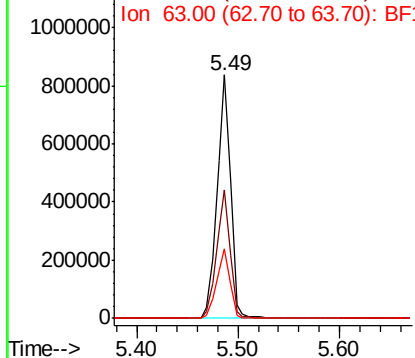
Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	52.6	41.3	61.9
63	28.7	22.4	33.6

Manual Integrations
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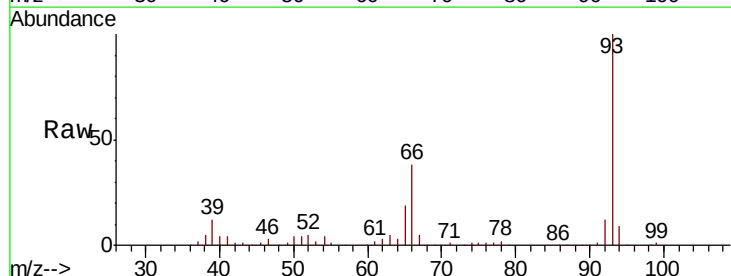


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1

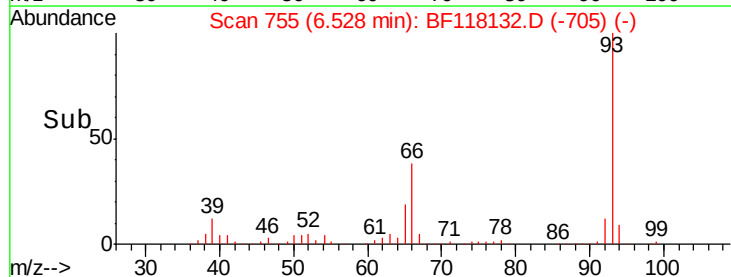
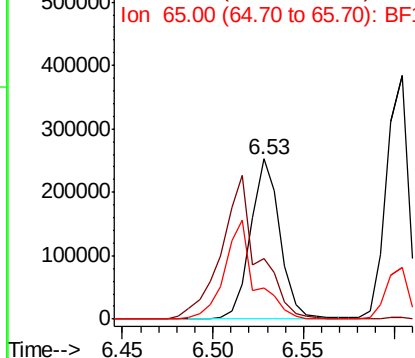


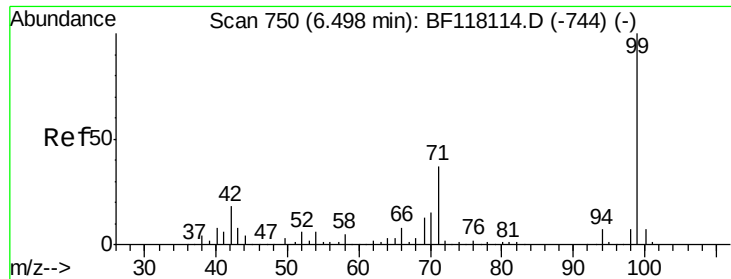
#6
Aniline
Concen: 25.455 ng
RT: 6.53 min Scan# 755
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	37.9	30.2	45.2
65	19.2	15.5	23.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 111.550 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

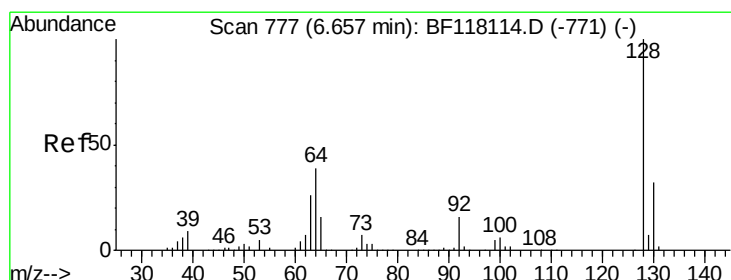
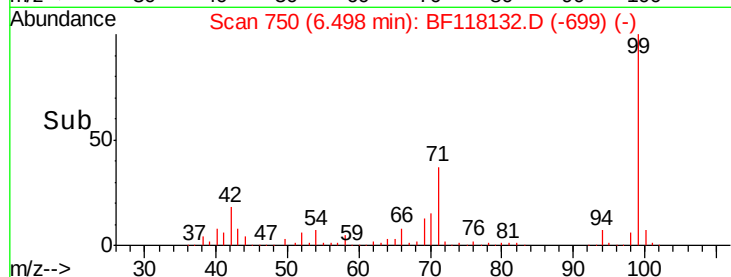
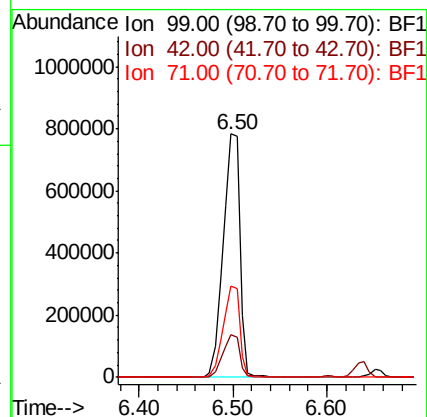
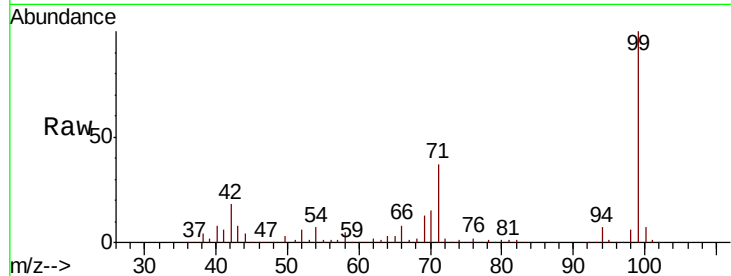
ClientSampleId :

CMJ-01-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		980768		
42	17.6	14.1	21.1		
71	37.3	29.7	44.5		

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#8

2-Chlorophenol

Concen: 46.062 ng

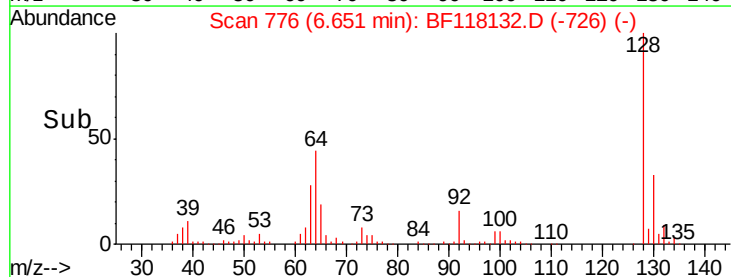
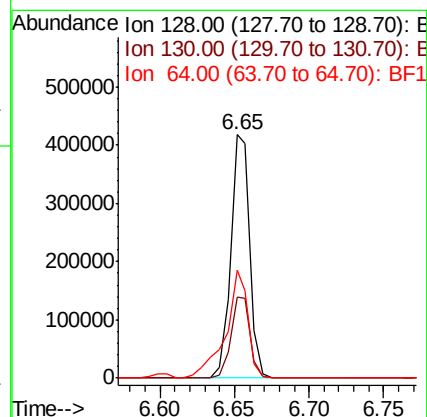
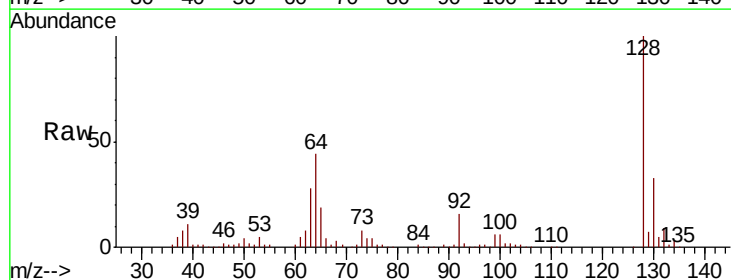
RT: 6.65 min Scan# 776

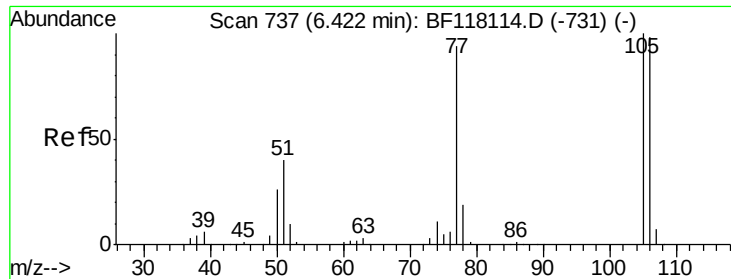
Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		377545		
130	33.1	12.1	52.1		
64	44.5	19.3	59.3		





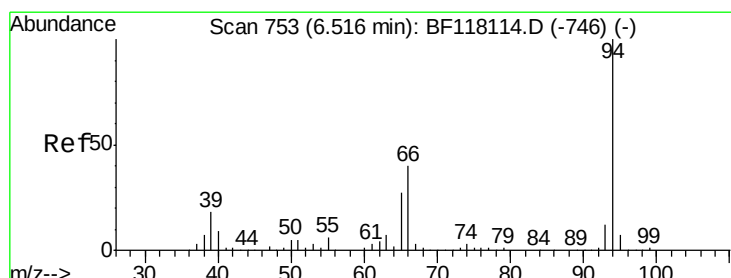
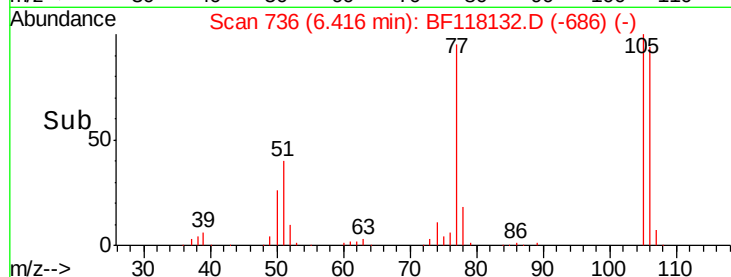
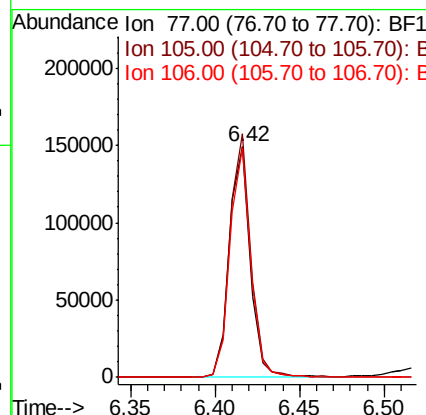
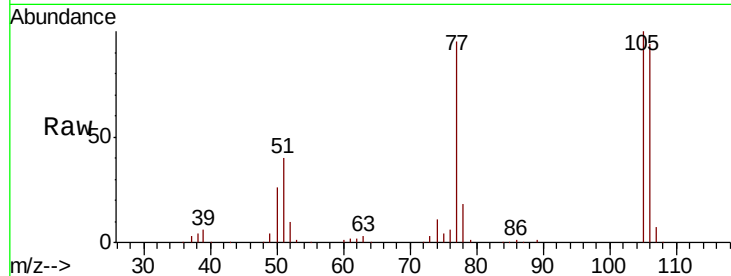
#9
Benzaldehyde
Concen: 24.637 ng
RT: 6.42 min Scan# 736
Delta R.T. -0.00 min
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Tot Ion	Ratio	Lower	Upper
77	100		
105	105.6	86.4	126.4
106	99.6	83.8	123.8

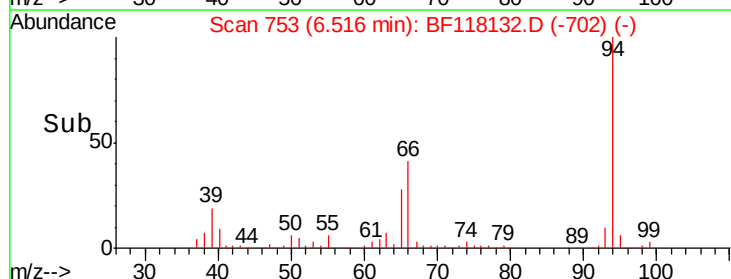
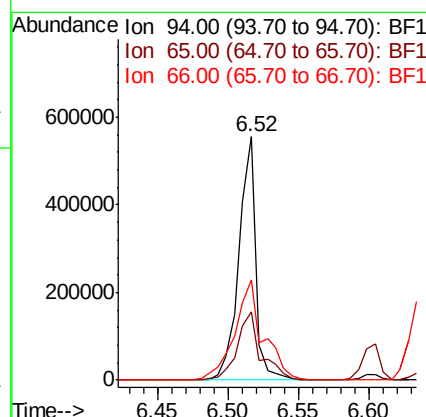
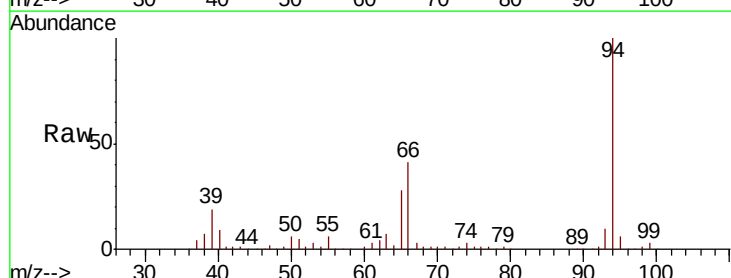
Manual Integrations
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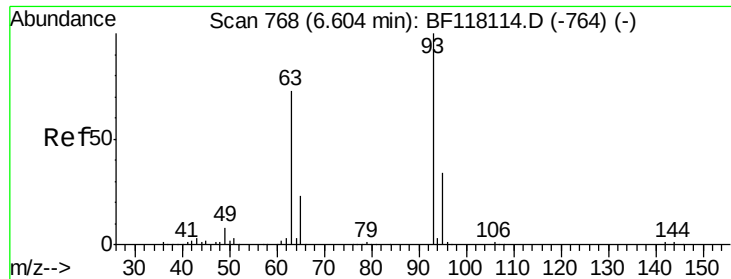
mohammad
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#10
Phenol
Concen: 46.590 ng
RT: 6.52 min Scan# 753
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.3	47.3
66	40.9	20.2	60.2





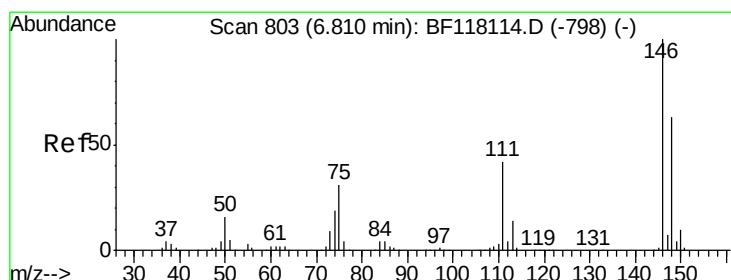
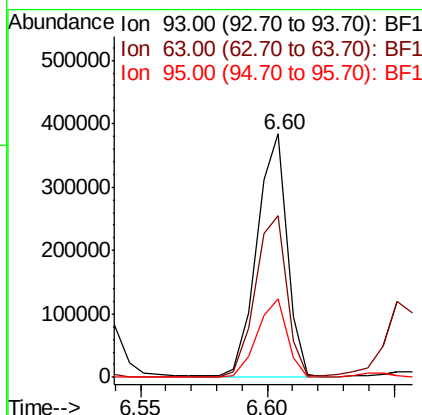
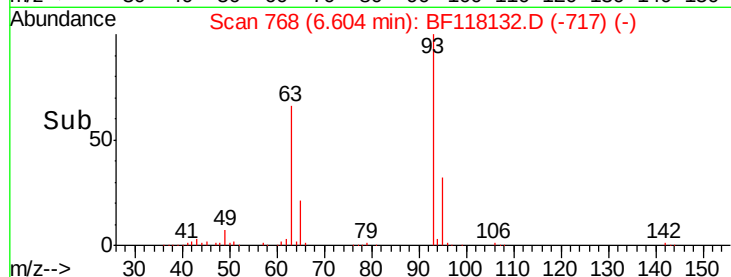
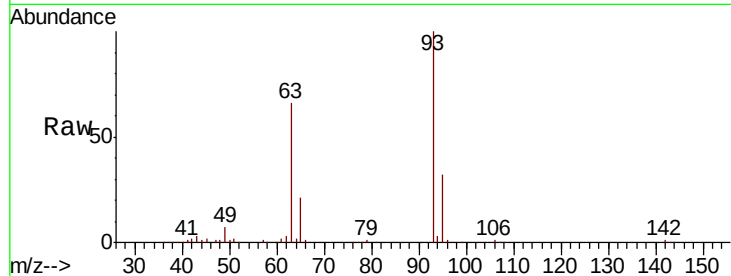
#11
bis(2-Chloroethyl)ether
Concen: 44.140 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.4	53.2	93.2
95	32.3	13.8	53.8

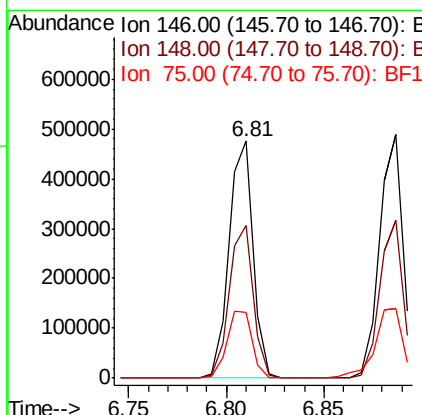
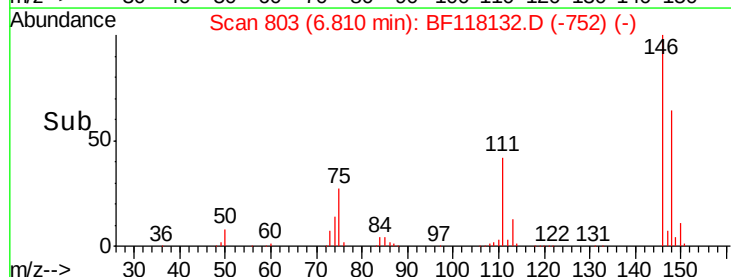
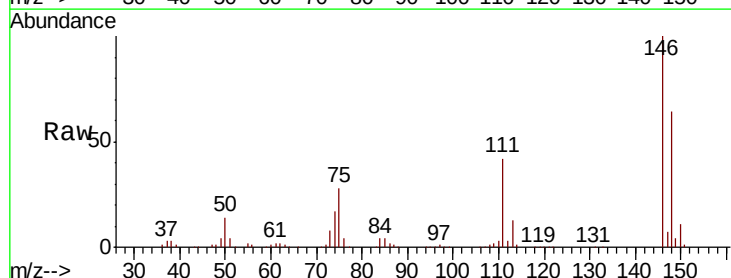
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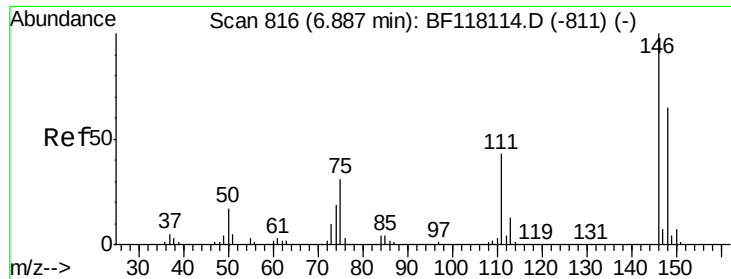
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#12
1,3-Dichlorobenzene
Concen: 42.347 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.2	75.4
75	27.7	24.6	37.0





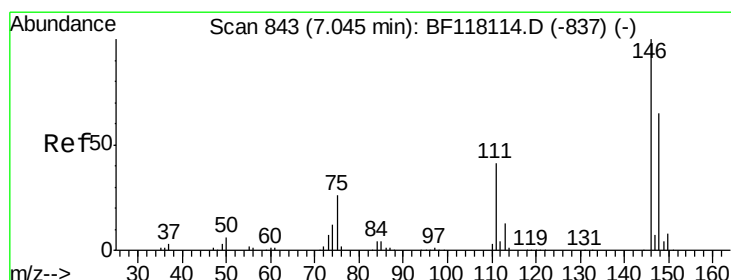
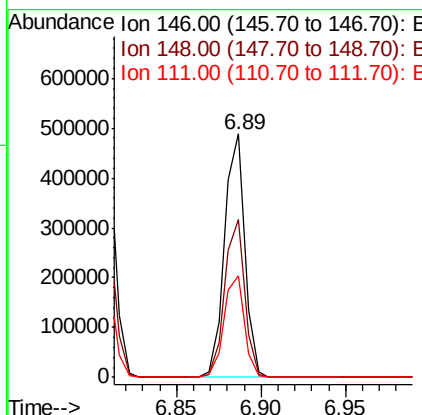
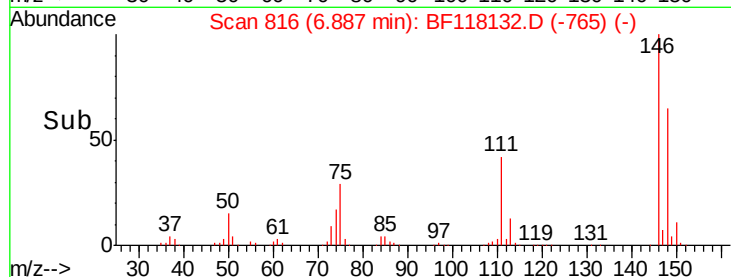
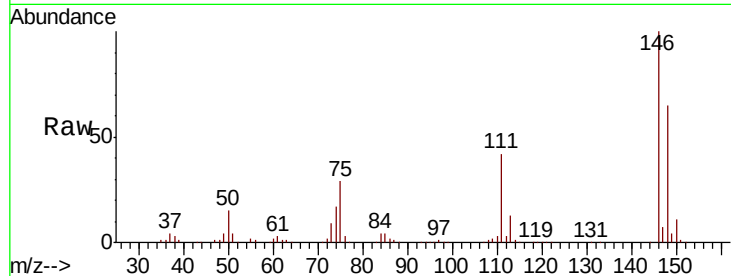
#13
 1,4-Dichlorobenzene
 Concen: 42.415 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.1	78.1
111	41.7	34.6	52.0

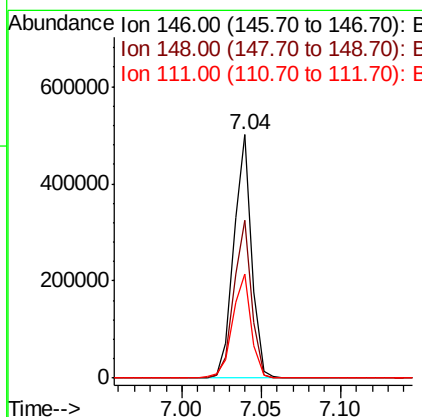
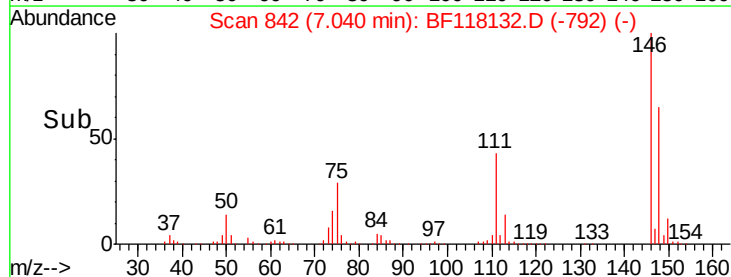
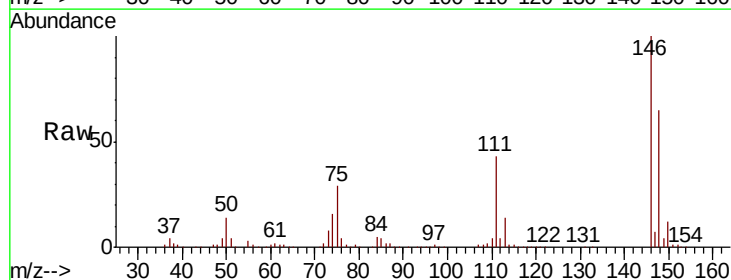
Manual Integrations
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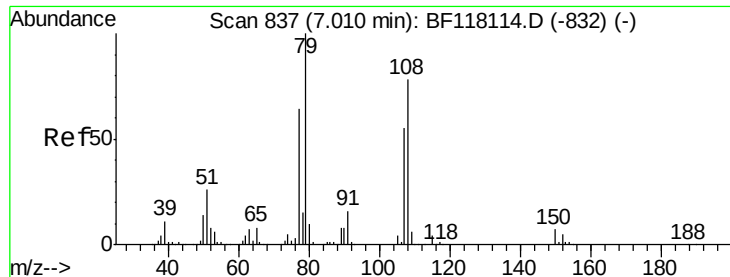
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#14
 1,2-Dichlorobenzene
 Concen: 43.081 ng
 RT: 7.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
111	42.9	33.1	49.7





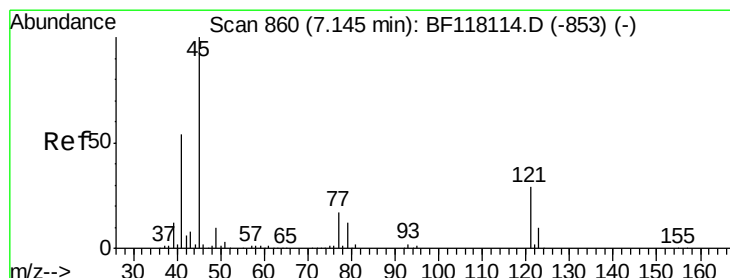
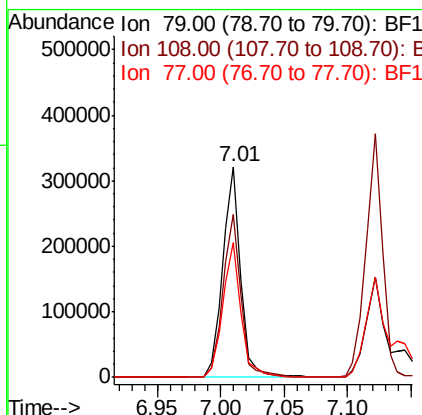
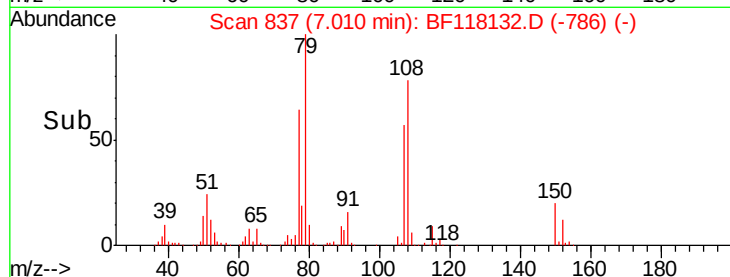
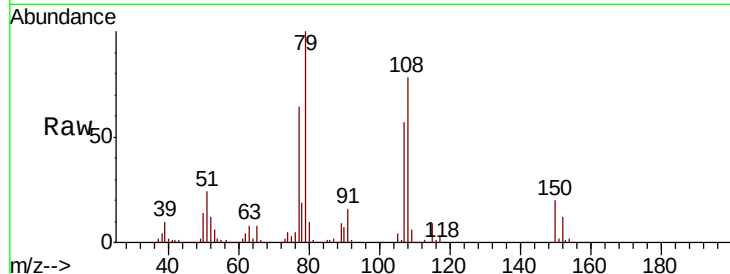
#15
Benzyl Alcohol
Concen: 46.035 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.5	62.7	94.1
77	64.0	51.4	77.2

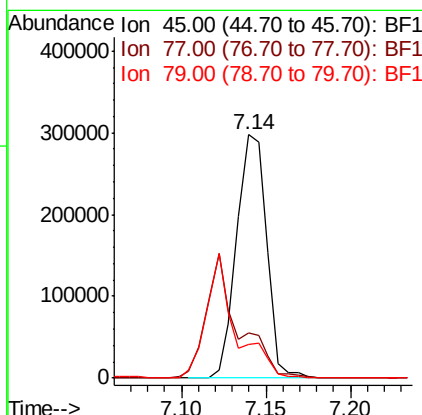
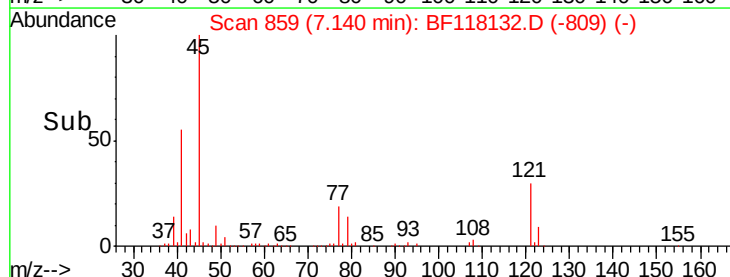
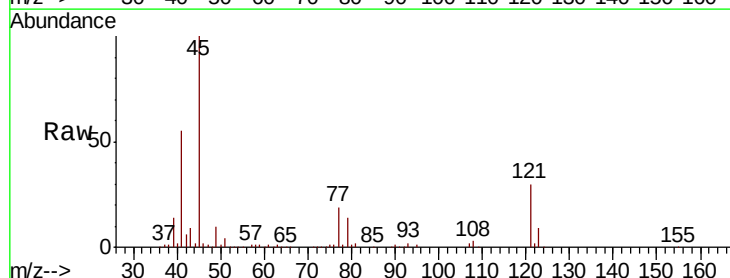
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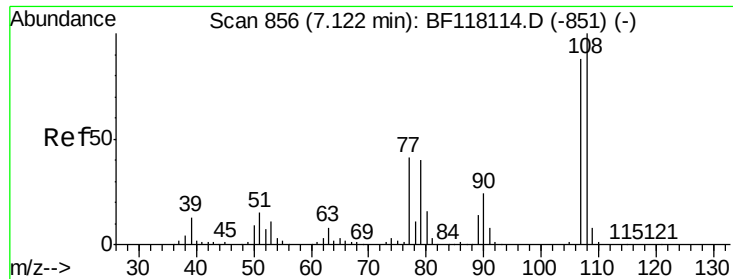
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#16
2,2'-oxybis(1-chloropropane)
Concen: 42.535 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.7	0.0	38.0
79	13.7	0.0	33.2





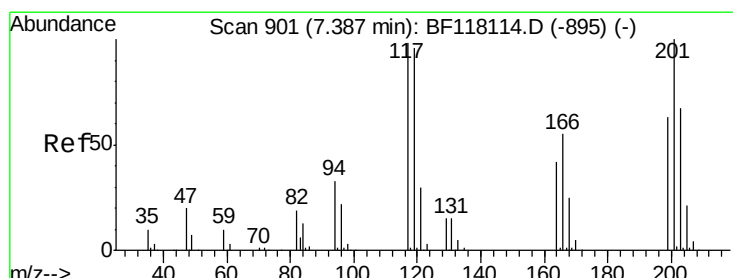
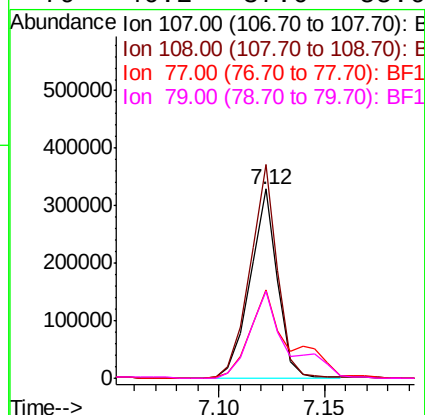
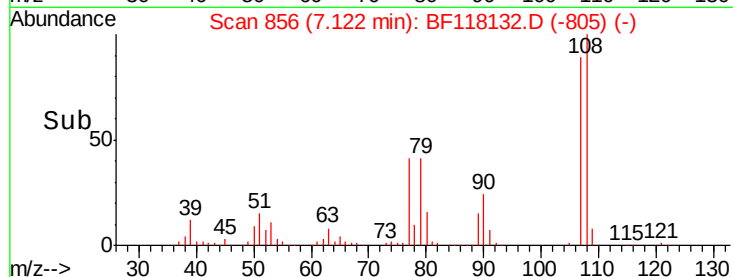
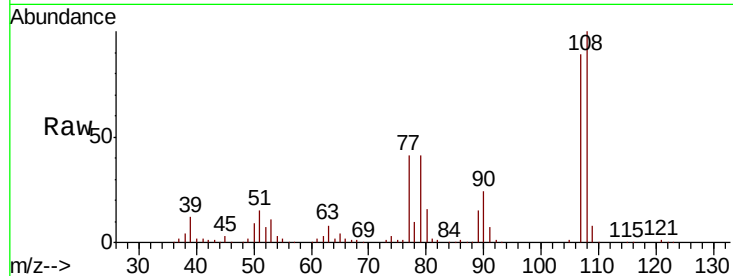
#17
2-Methylphenol
Concen: 45.412 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.8	91.1	136.7
77	46.5	37.8	56.6
79	46.2	37.0	55.6

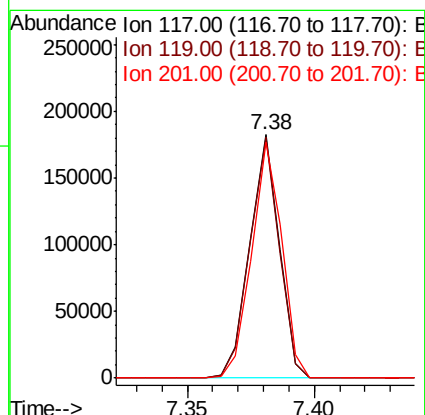
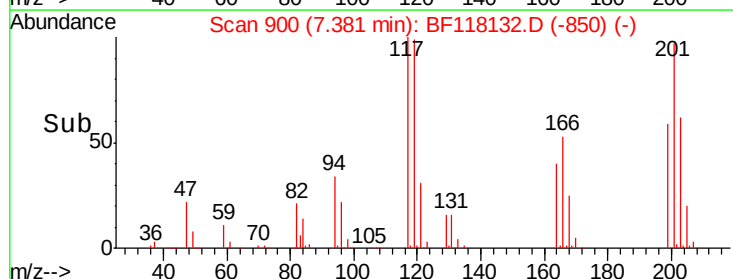
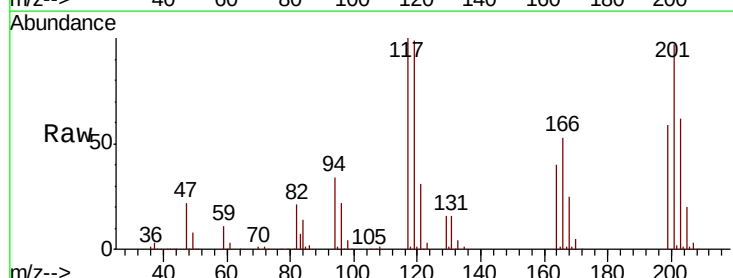
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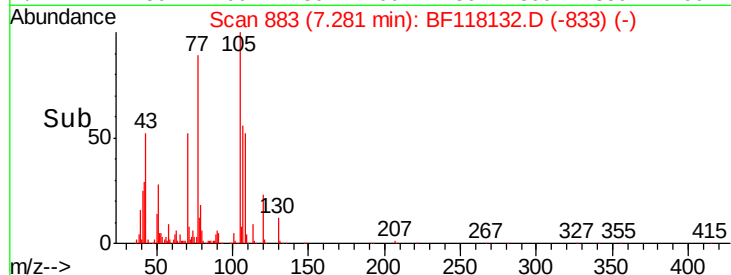
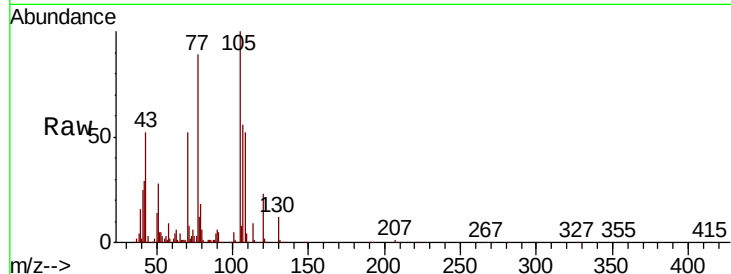
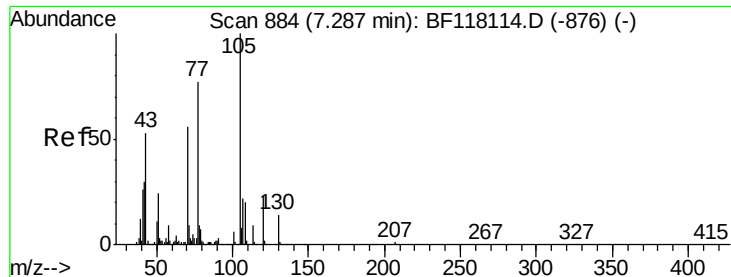
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#18
Hexachloroethane
Concen: 41.847 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.9	78.2	117.4
201	96.8	81.6	122.4





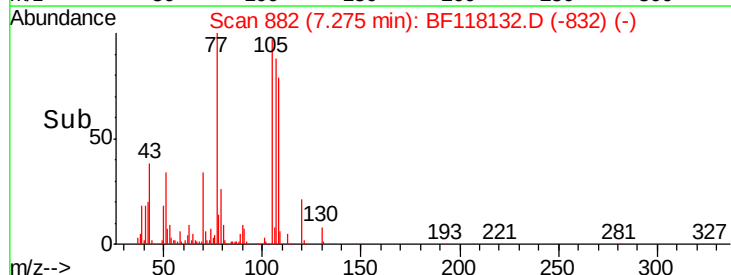
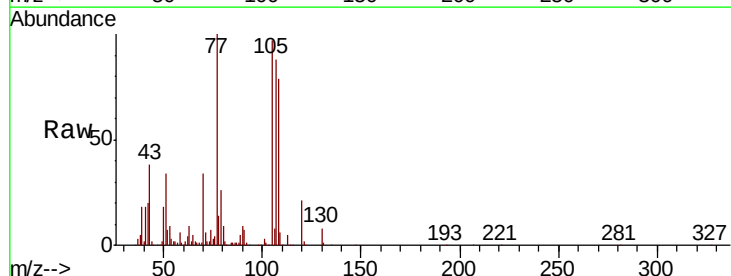
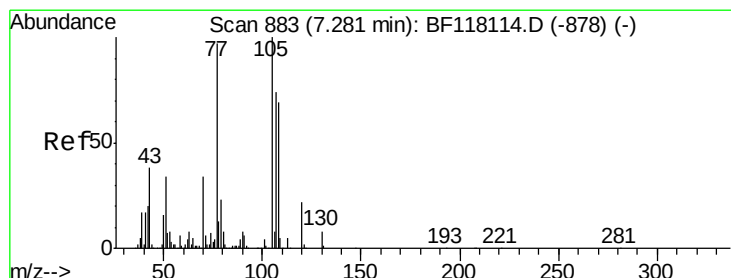
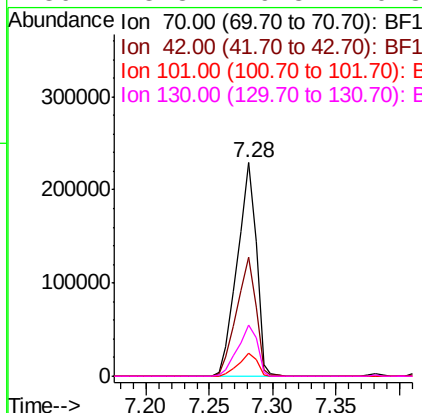
#19
n-Nitroso-di-n-propylamine
Concen: 44.607 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.7	43.2	64.8
101	10.6	8.1	12.1
130	23.8	19.8	29.8

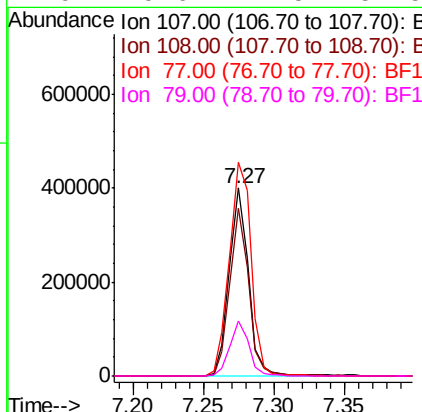
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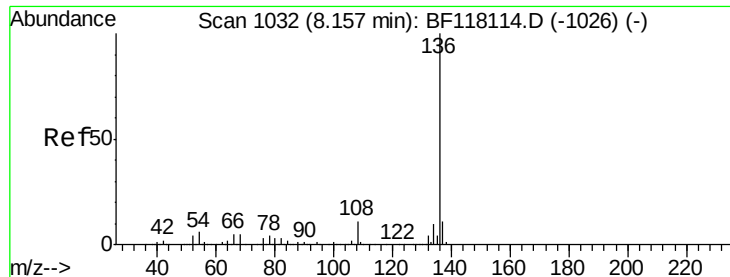
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#20
3+4-Methylphenols
Concen: 46.523 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	73.2	113.2
77	113.6	110.9	150.9
79	29.6	11.5	51.5





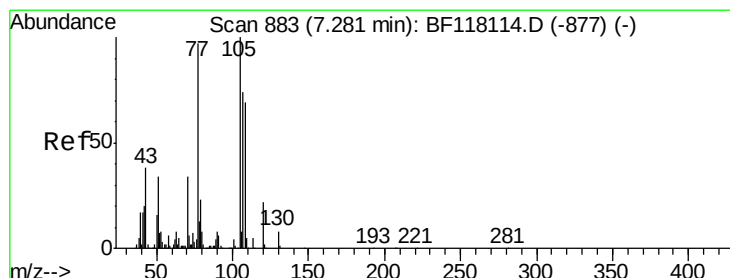
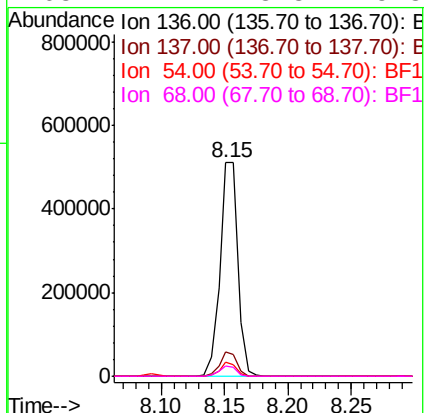
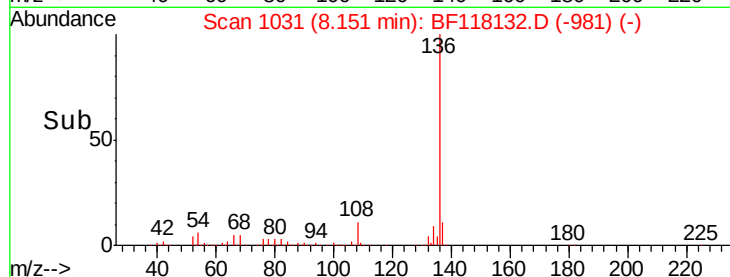
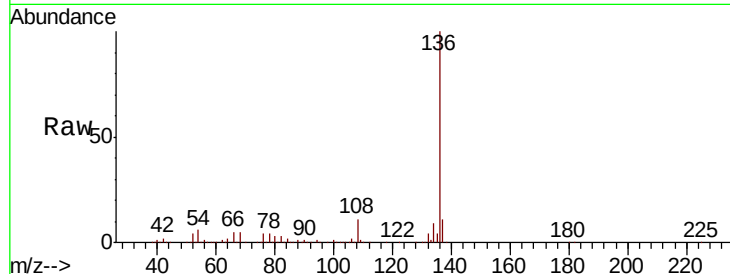
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	9.0	13.6	
54	6.5	5.0	7.6	
68	4.7	3.8	5.8	

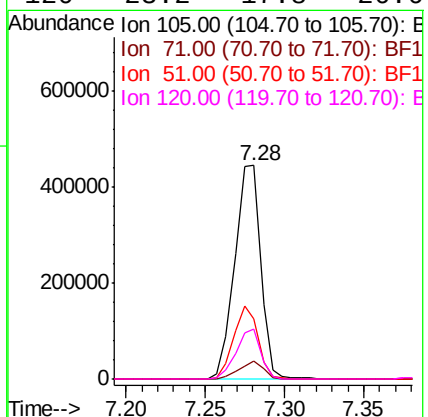
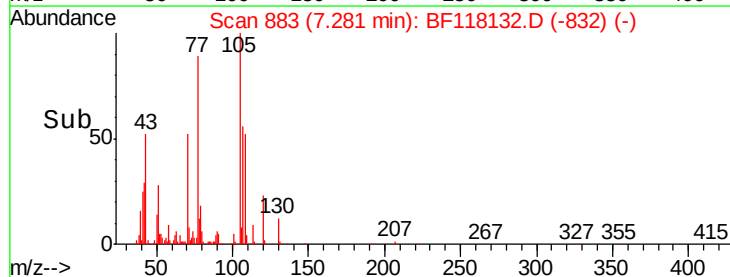
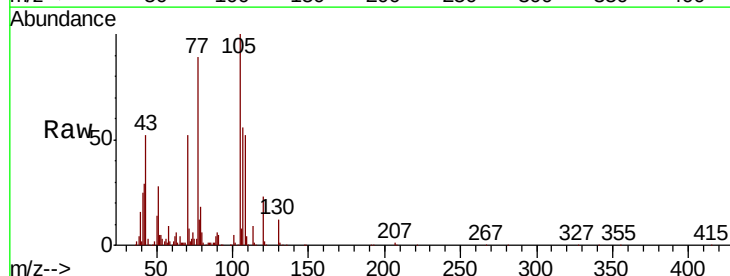
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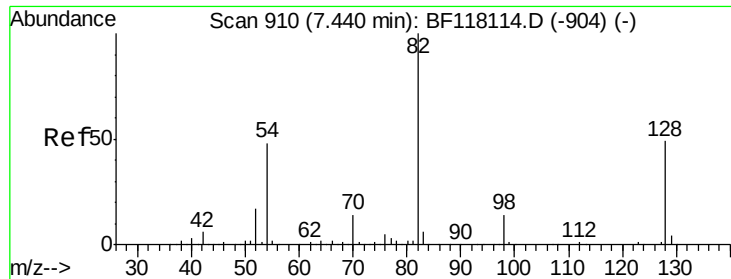
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#22
Acetophenone
Concen: 41.697 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	8.4	4.7	7.1#	
51	28.4	27.1	40.7	
120	23.2	17.8	26.6	





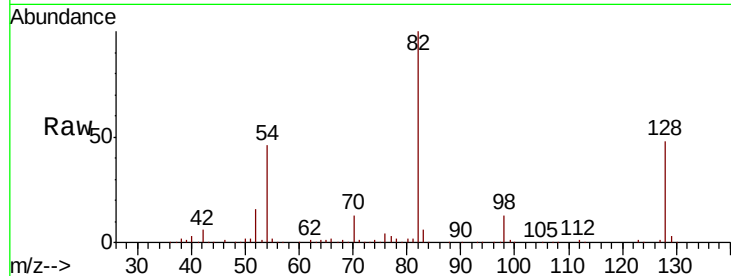
#23
Nitrobenzene-d5
Concen: 65.097 ng
RT: 7.43 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

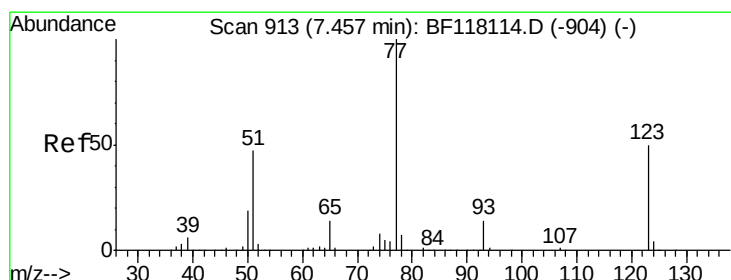
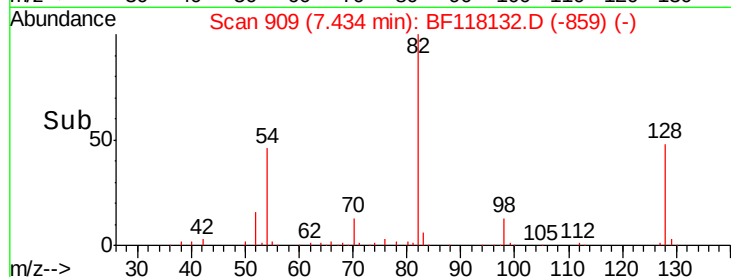
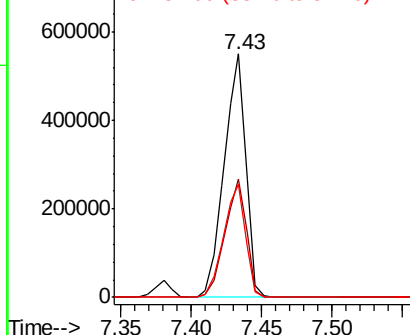
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.5	39.1	58.7
54	46.4	38.2	57.2

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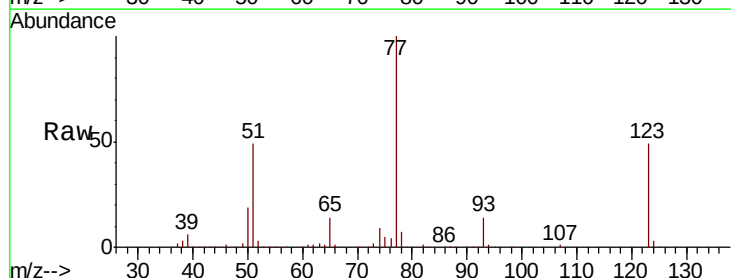


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

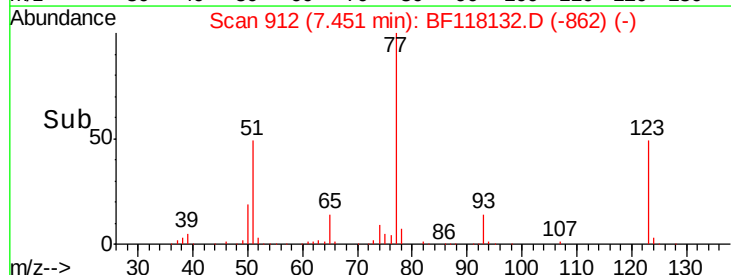
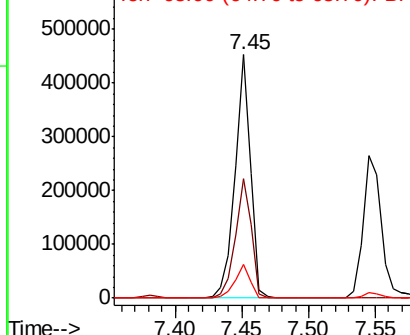


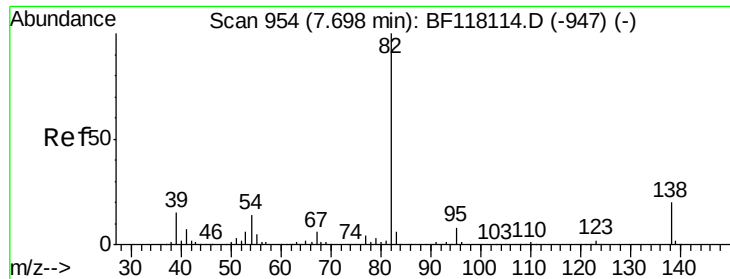
#24
Nitrobenzene
Concen: 42.100 ng
RT: 7.45 min Scan# 912
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	40.1	60.1
65	13.7	10.9	16.3



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





#25

Isophorone

Concen: 43.599 ng

RT: 7.69 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

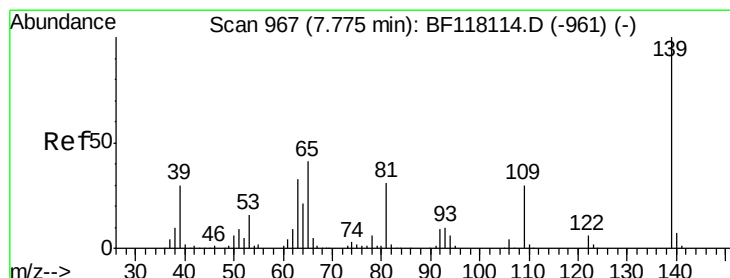
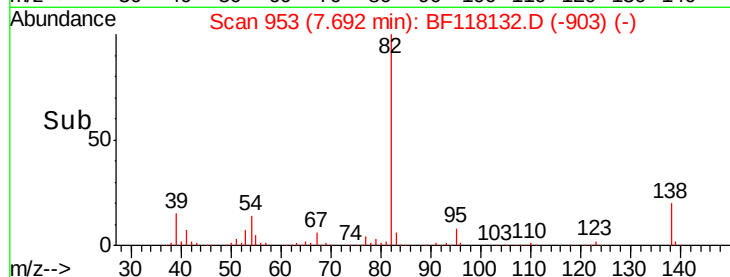
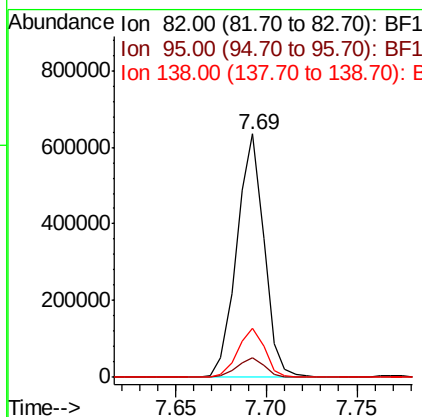
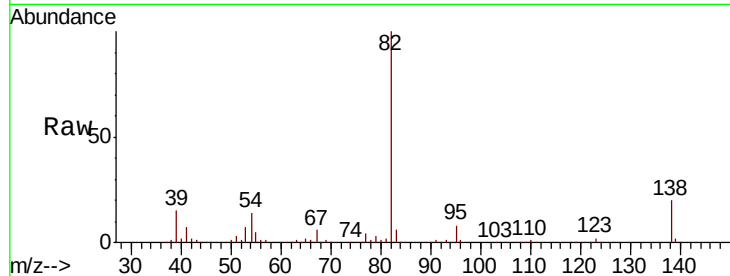
ClientSampleId :

CMJ-01-COMPMSD

Tot Ion:	82	Resp:	663558
Ion Ratio	Lower	Upper	
82	100		
95	8.1	6.3	9.5
138	20.1	16.3	24.5

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#26

2-Nitrophenol

Concen: 45.178 ng

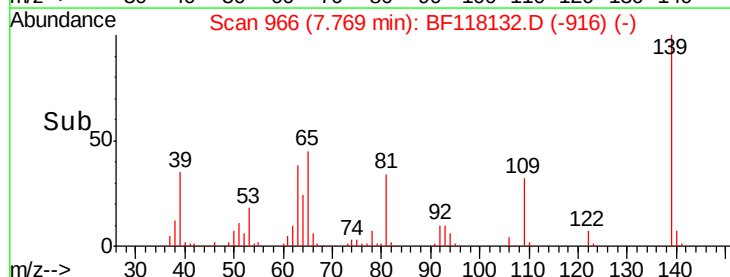
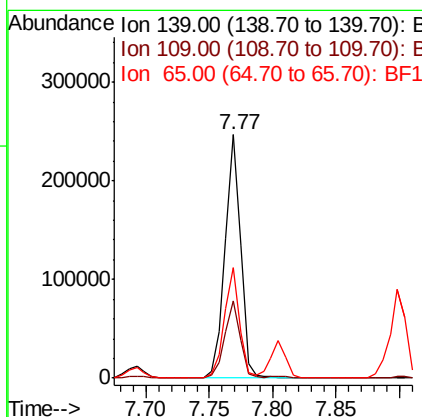
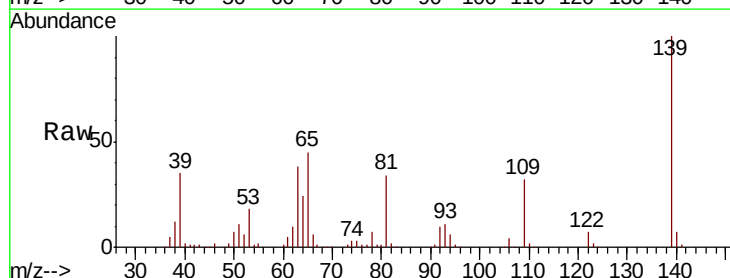
RT: 7.77 min Scan# 966

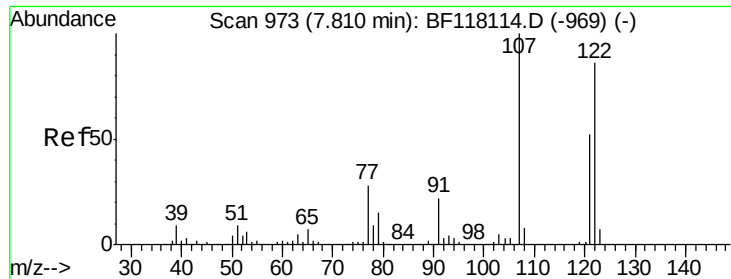
Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Tgt Ion:	139	Resp:	212994
Ion Ratio	Lower	Upper	
139	100		
109	31.8	23.9	35.9
65	45.5	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 50.917 ng

RT: 7.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

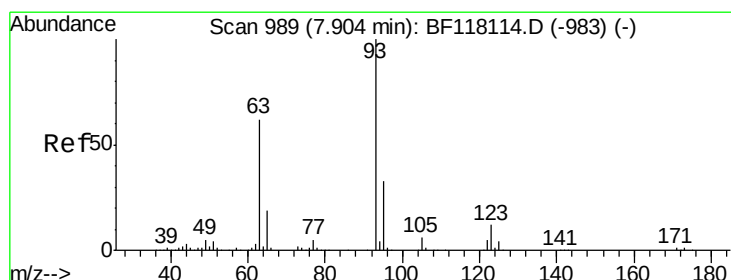
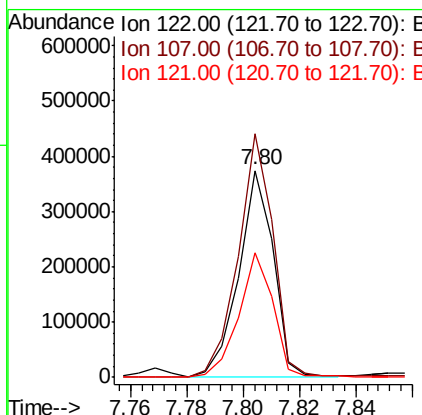
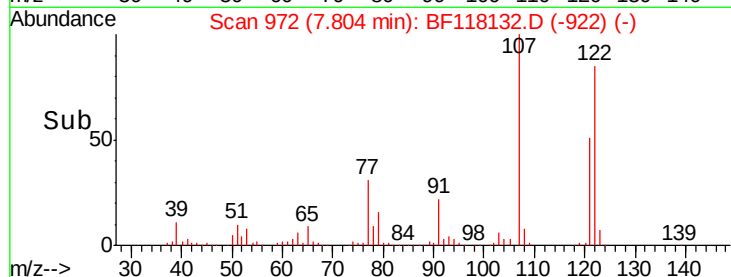
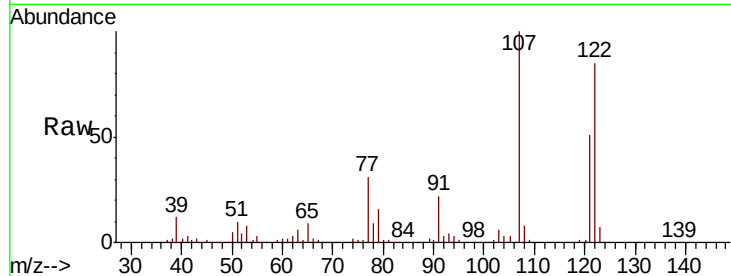
ClientSampleId :

CMJ-01-COMPMSD

Tot Ion:	122	Resp:	320203
Ion Ratio	Lower	Upper	
122	100		
107	117.8	92.9	139.3
121	60.3	48.3	72.5

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12/10/2019 11:47:35 AM



#28

bis(2-Chloroethoxy)methane

Concen: 41.776 ng

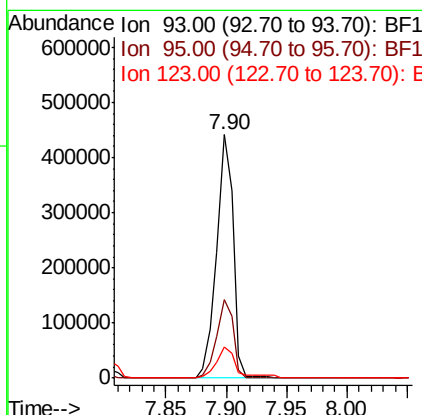
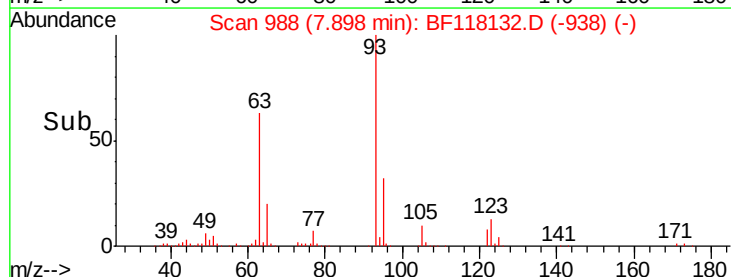
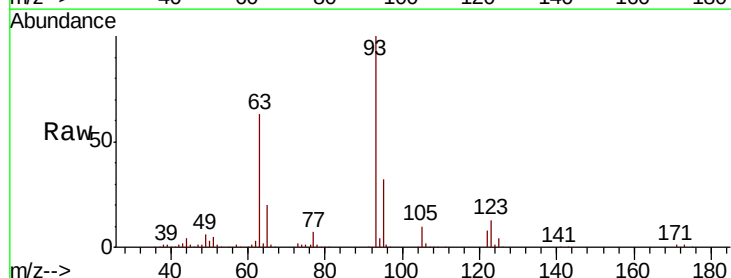
RT: 7.90 min Scan# 988

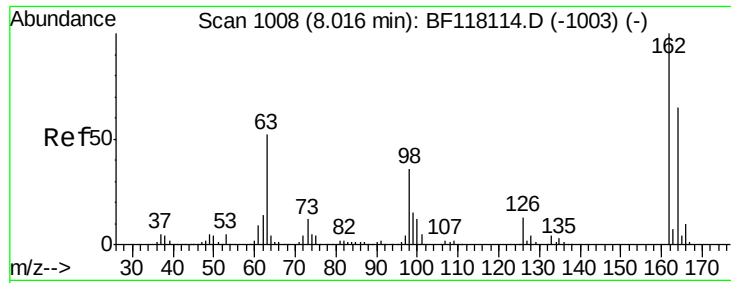
Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Tgt Ion:	93	Resp:	415456
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.7	40.1
123	12.7	10.0	15.0





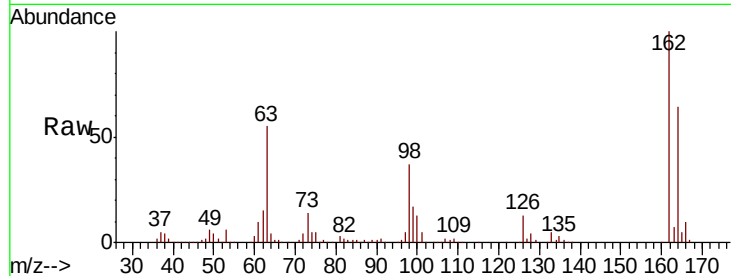
#29
2,4-Dichlorophenol
Concen: 44.433 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	325745		
164	63.7	45.2	85.2	
98	37.0	15.9	55.9	

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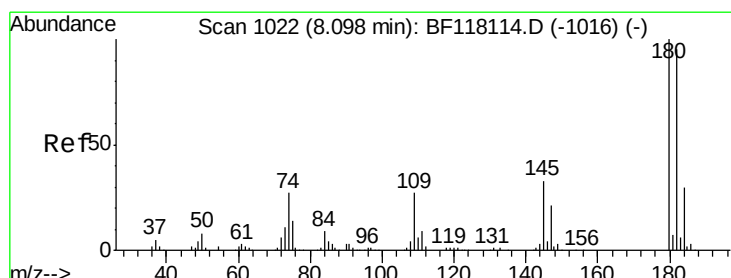
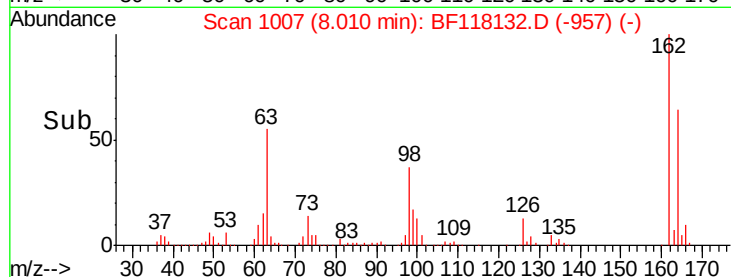
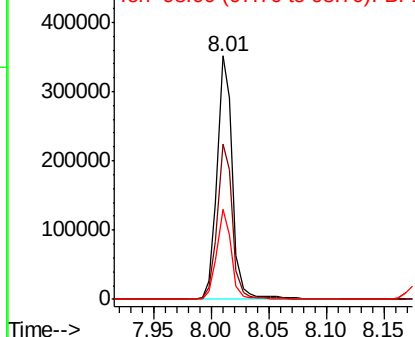


Abundance

Ion 162.00 (161.70 to 162.70): E

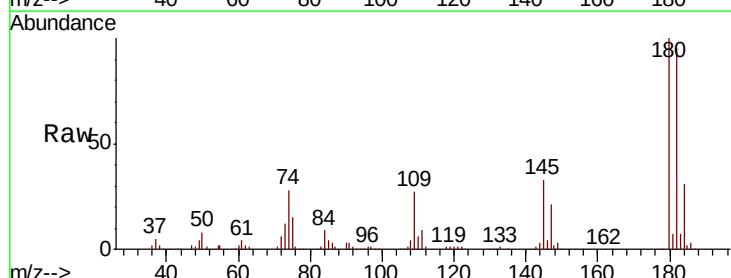
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 40.936 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	350722		
182	95.3	76.1	114.1	
145	33.2	26.1	39.1	

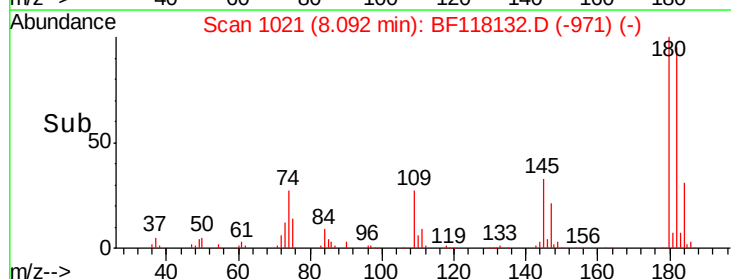
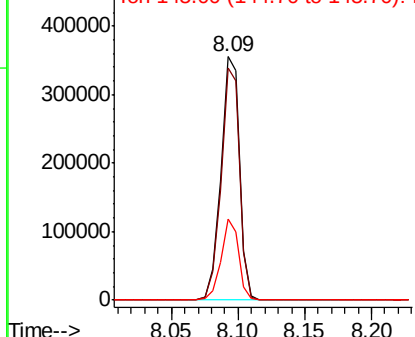


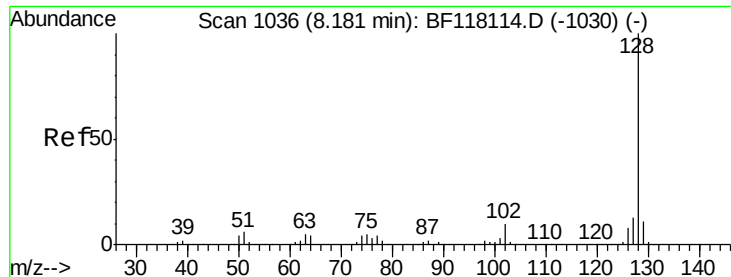
Abundance

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





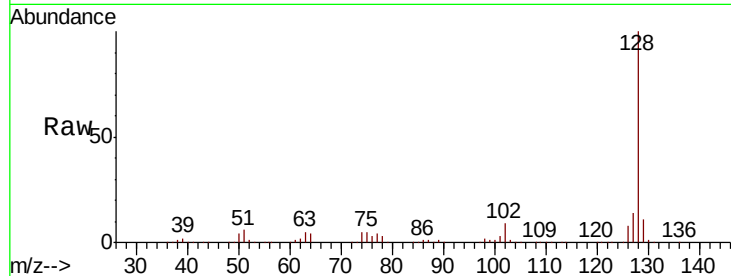
#31
Naphthalene
Concen: 43.443 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.7	10.6	16.0

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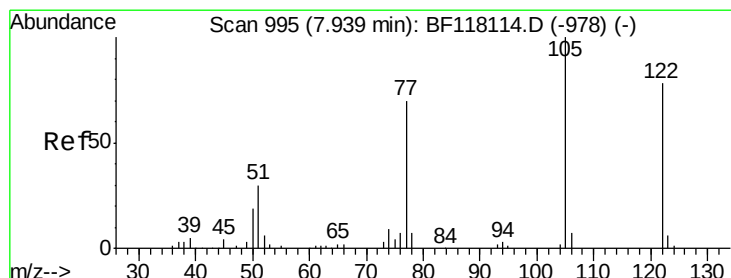
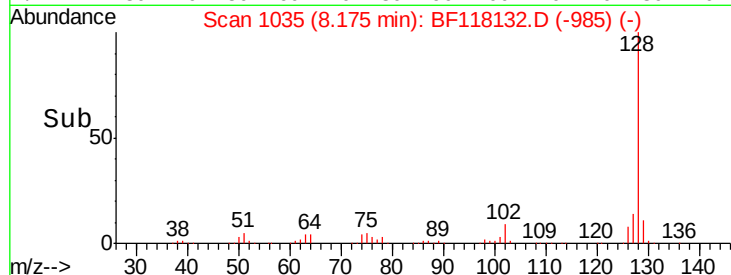
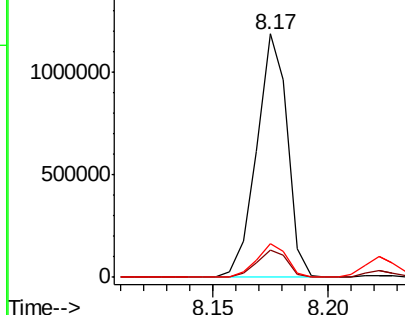


Abundance

Ion 128.00 (127.70 to 128.70): E

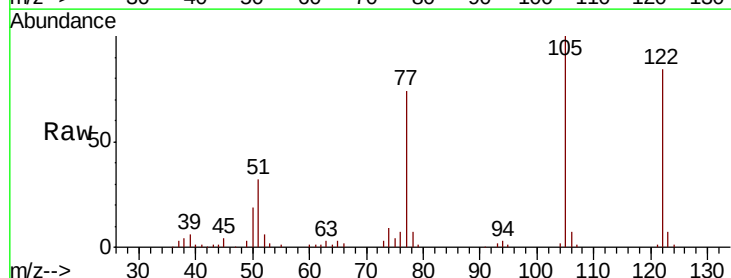
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.406 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
122	100		
105	118.7	104.7	144.7
77	88.3	69.1	109.1

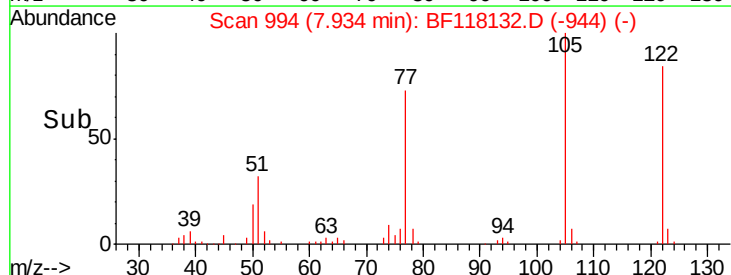
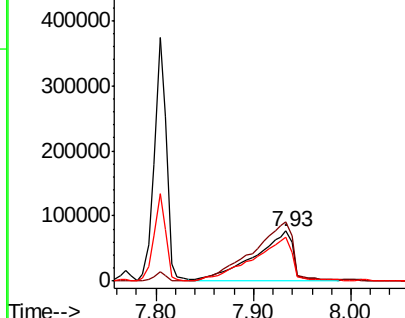


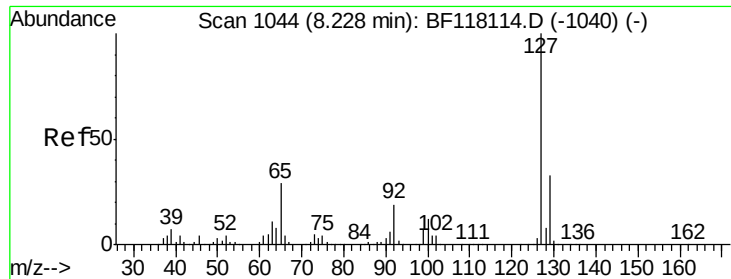
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





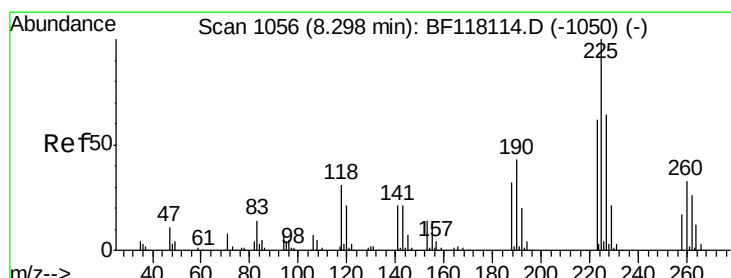
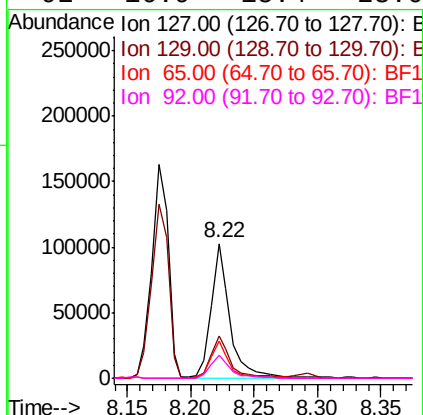
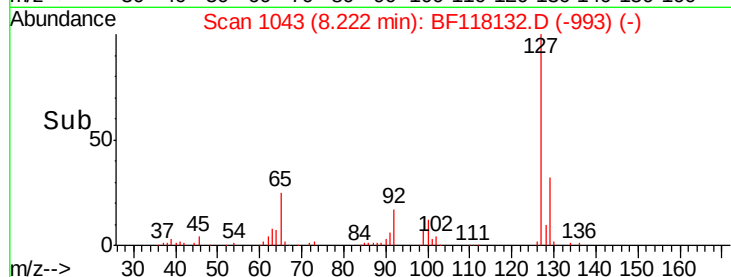
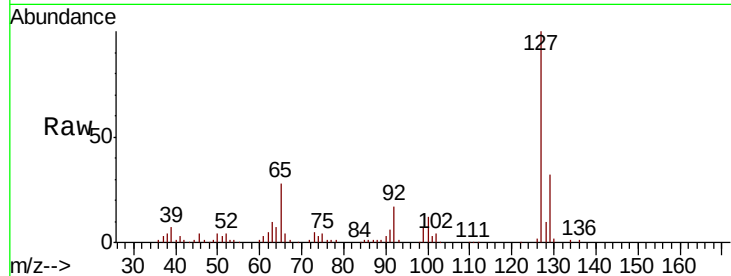
#33
4-Chloroaniline
Concen: 9.778 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	26.6	40.0		
65	27.5	23.2	34.8		
92	16.9	15.4	23.0		

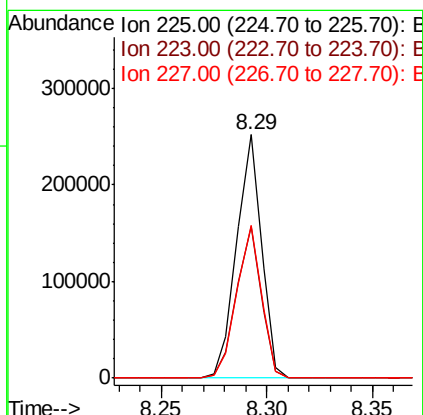
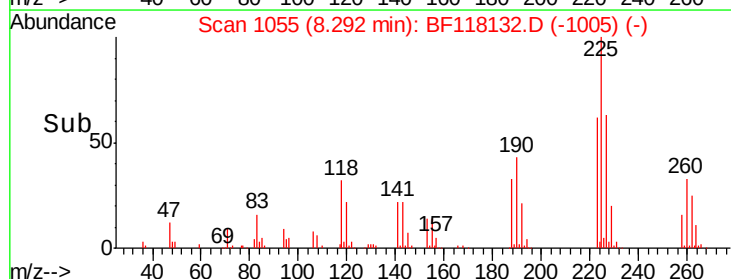
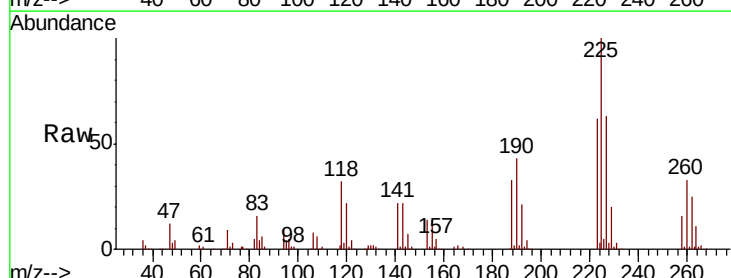
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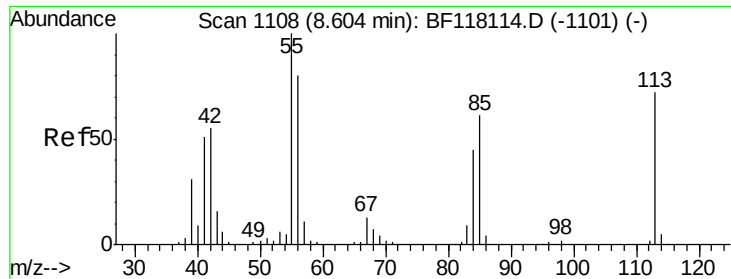
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12/10/2019 11:47:35 AM



#34
Hexachlorobutadiene
Concen: 39.964 ng
RT: 8.29 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.1	49.6	74.4		
227	62.6	51.0	76.6		





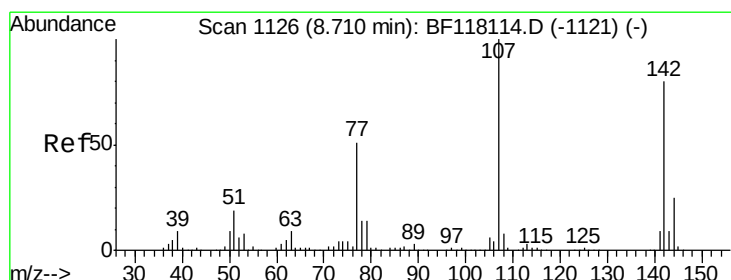
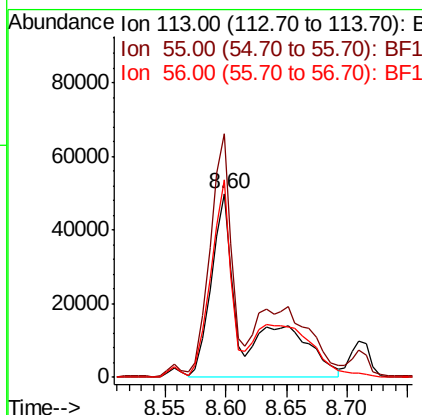
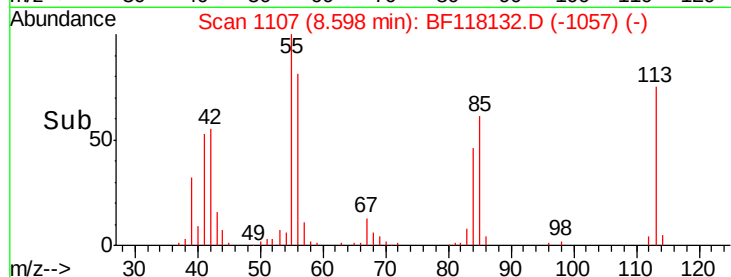
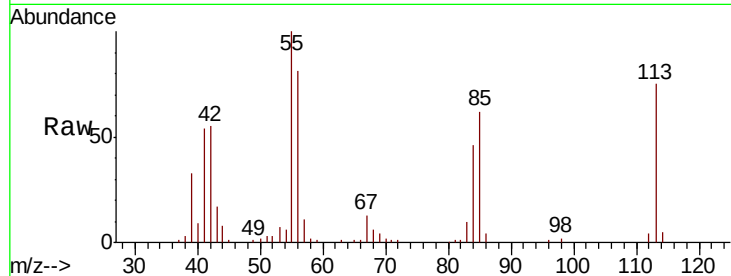
#35
Caprolactam
Concen: 45.611 ng/ml
RT: 8.60 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	132.6		118.9	158.9	
56	107.6		91.4	131.4	

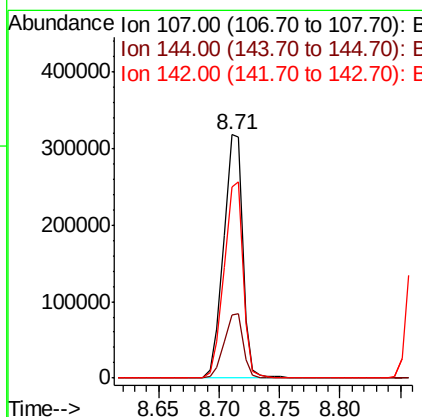
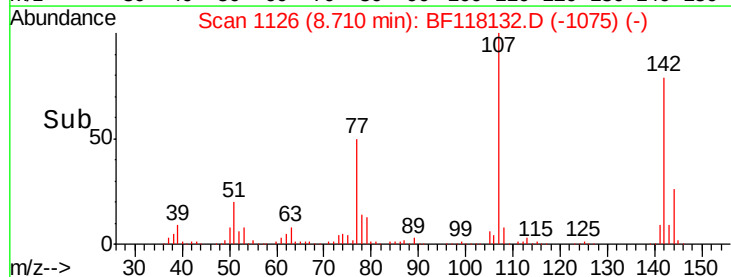
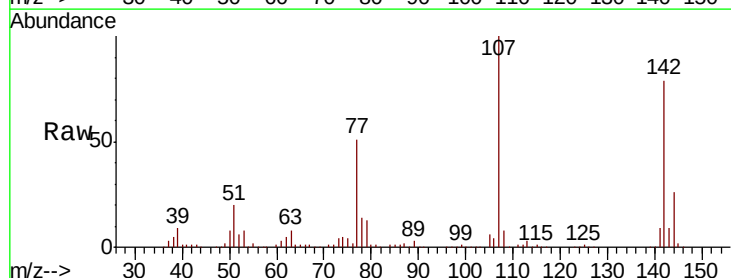
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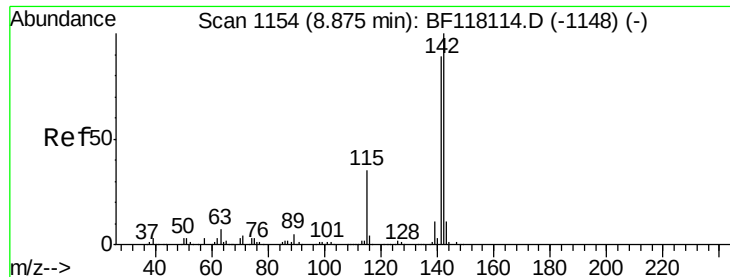
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12/10/2019 11:47:35 AM



#36
4-Chloro-3-methylphenol
Concen: 45.570 ng/ml
RT: 8.71 min Scan# 1126
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.2		20.3	30.5	
142	78.5		63.7	95.5	





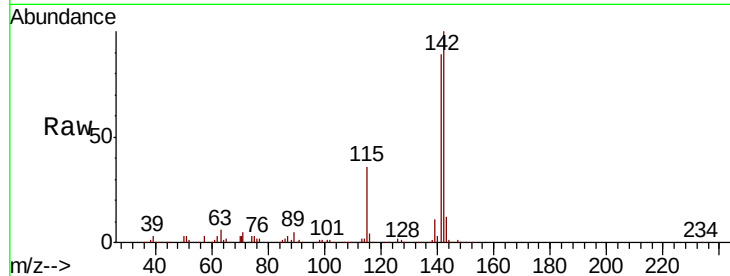
#37
2-Methylnaphthalene
Concen: 44.006 ng
RT: 8.87 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.4	107.0
115	36.4	28.2	42.4

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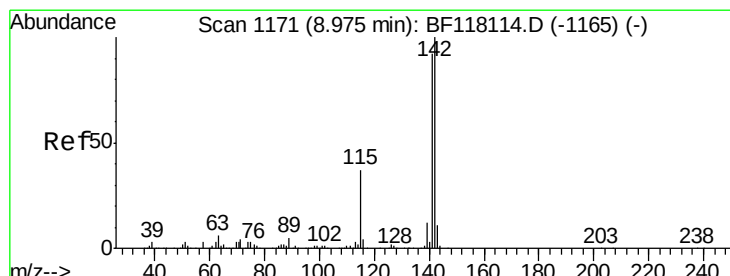
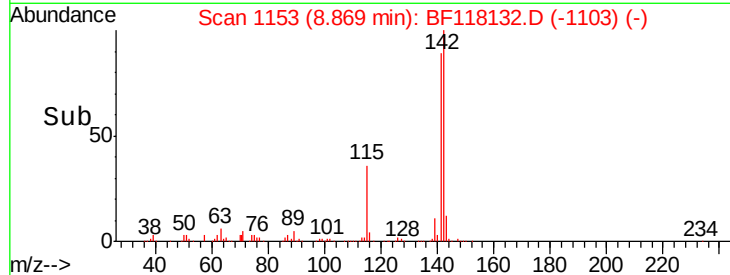
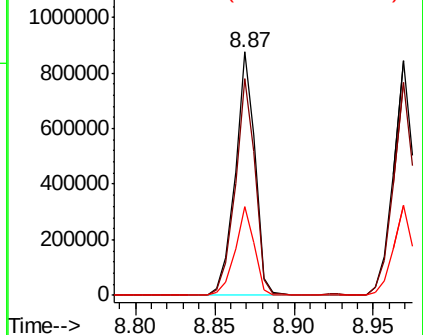


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.755 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

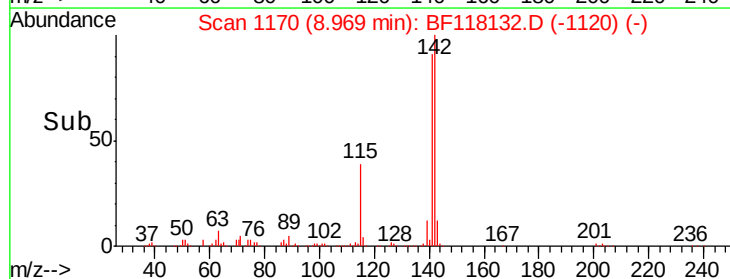
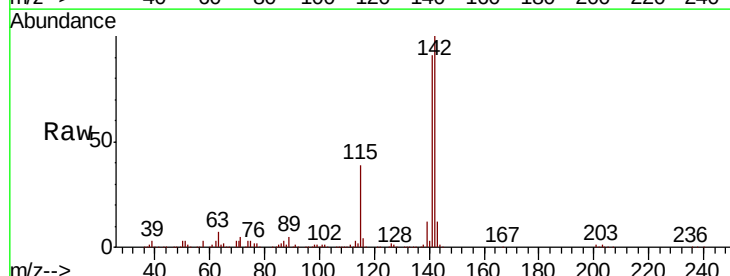
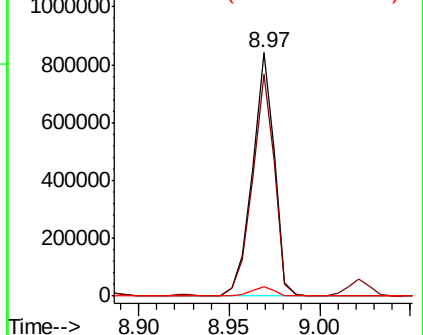
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	74.0	111.0
116	3.8	3.2	4.8

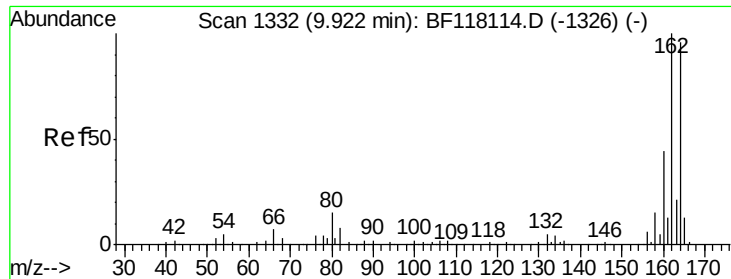
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





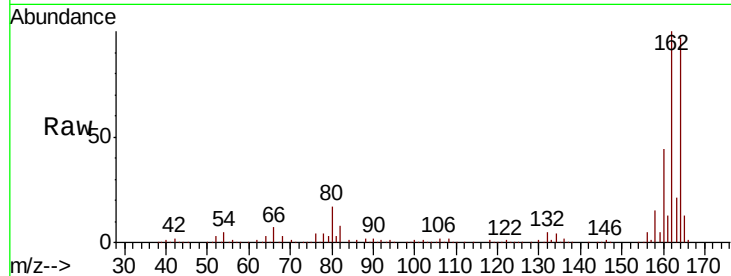
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.1	83.4	125.0	
160	45.3	36.6	54.8	

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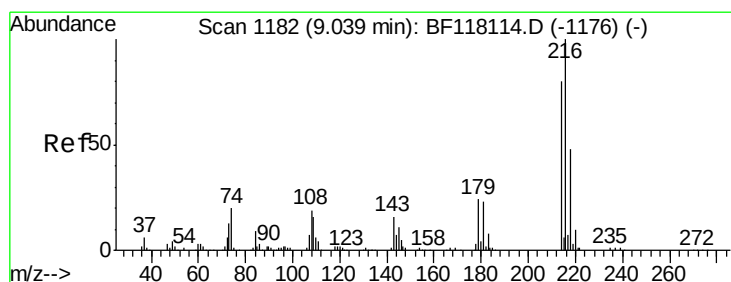
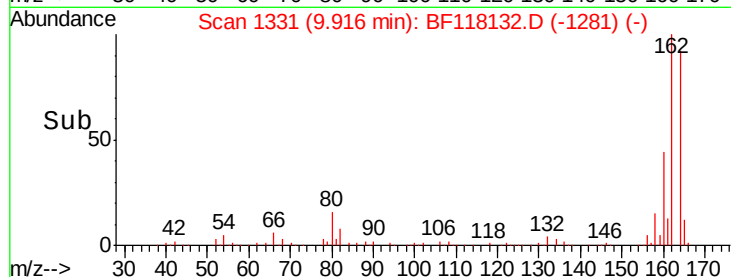
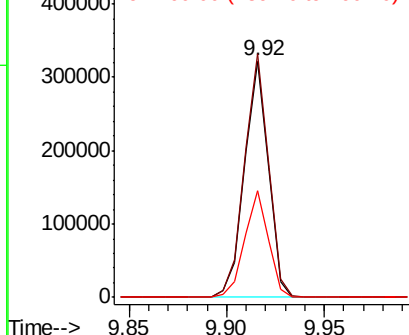


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.037 ng
RT: 9.04 min Scan# 1182
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.0	63.4	95.2	
179	23.5	18.6	27.8	
108	21.3	15.4	23.0	

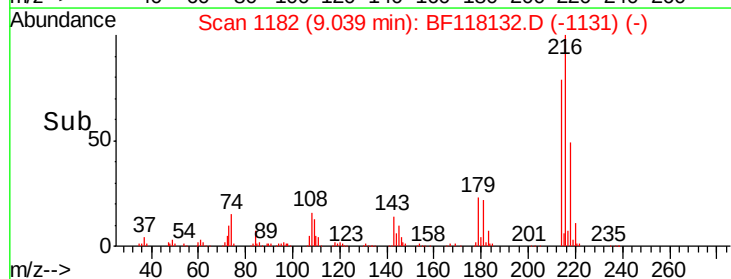
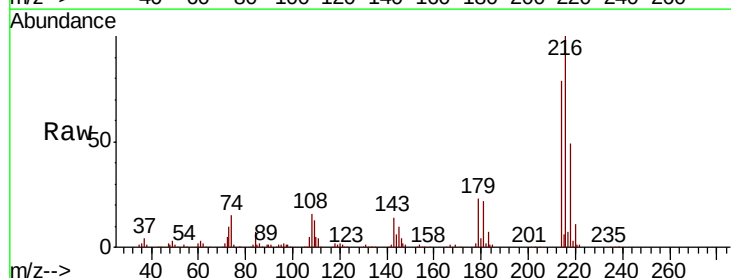
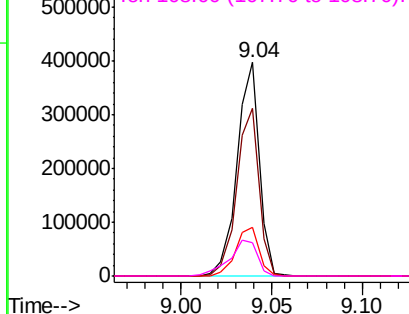
Abundance

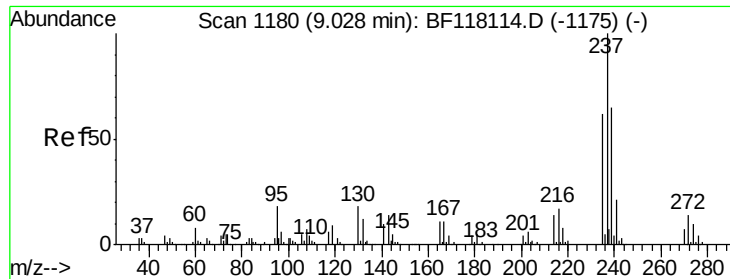
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





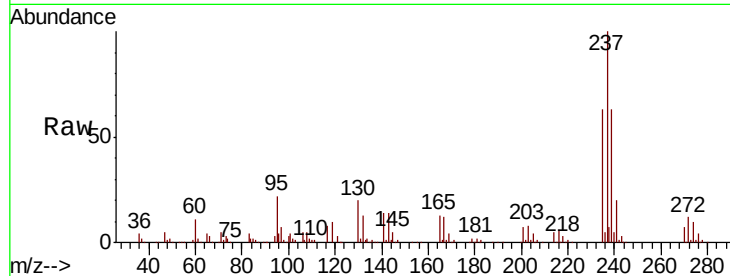
#41
Hexachlorocyclopentadiene
Concen: 97.816 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

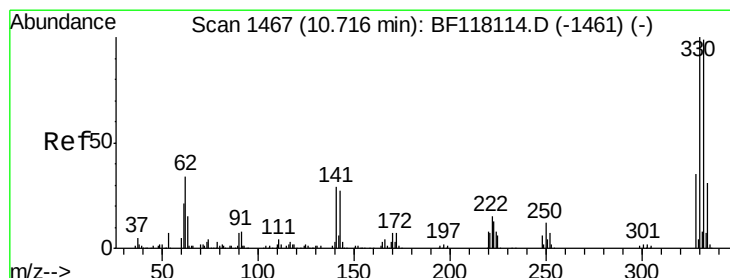
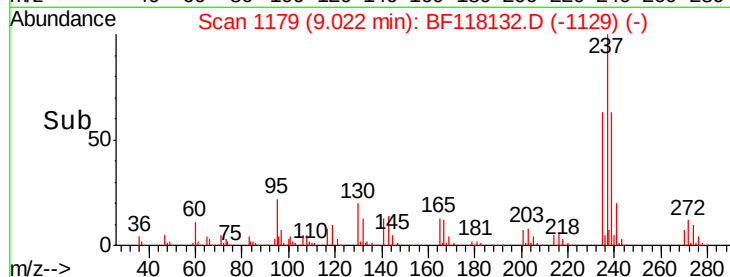
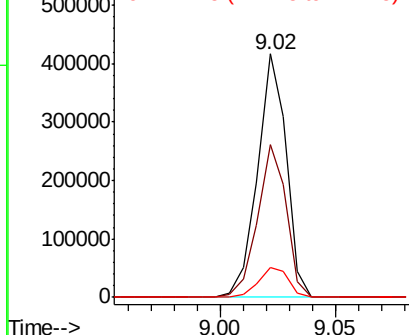
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.8	41.5	81.5
272	12.2	0.0	33.7

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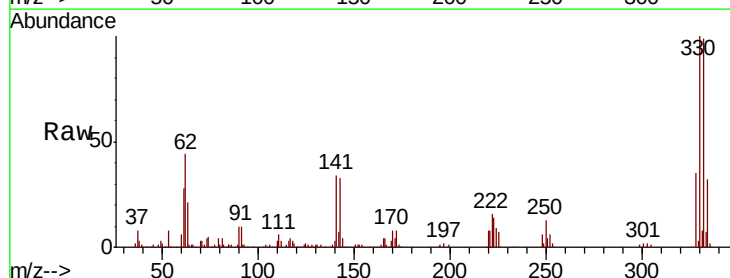


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

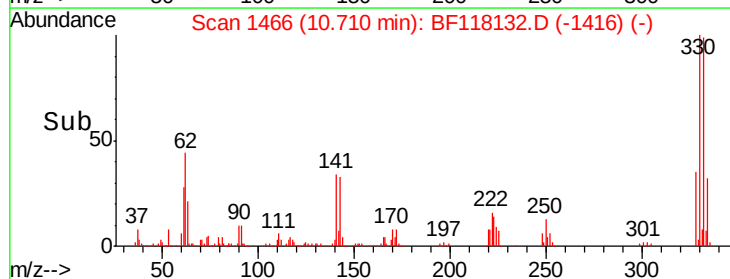
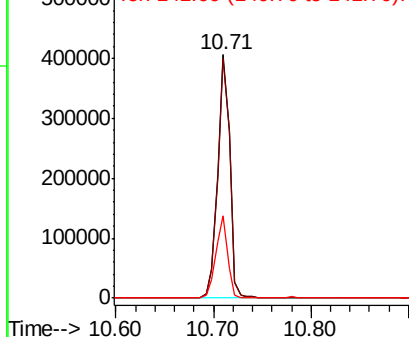


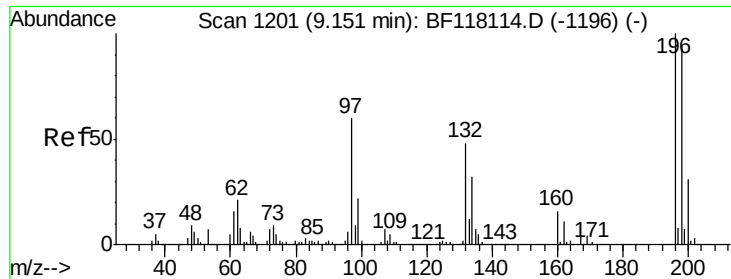
#42
2,4,6-Tribromophenol
Concen: 105.606 ng
RT: 10.71 min Scan# 1466
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.7	78.1	117.1
141	32.7	26.9	40.3



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





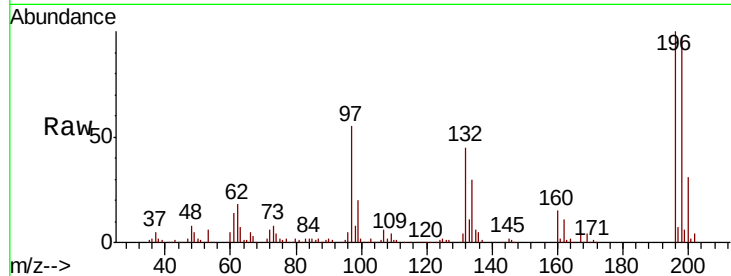
#43
 2,4,6-Trichlorophenol
 Concen: 43.193 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. 0.00 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 CMJ-01-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	238620		
198	97.1	75.0	112.4	
200	30.8	24.5	36.7	

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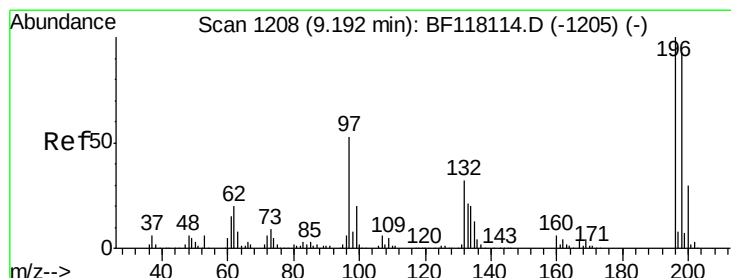
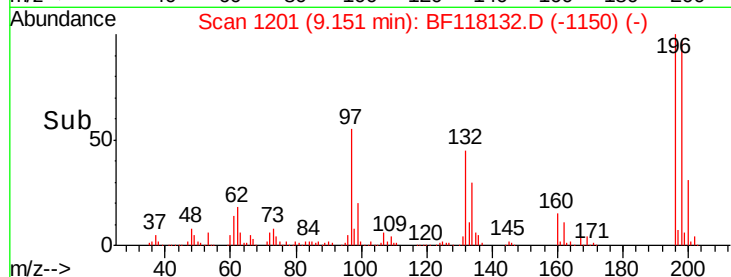
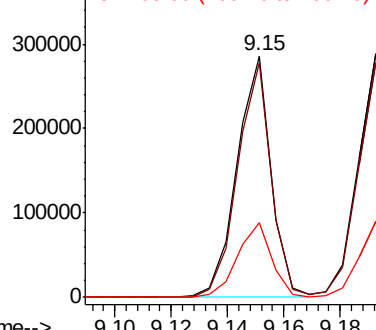


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 45.075 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	257994		
198	96.6	74.2	111.4	
97	50.9	42.5	63.7	
132	30.2	25.4	38.2	

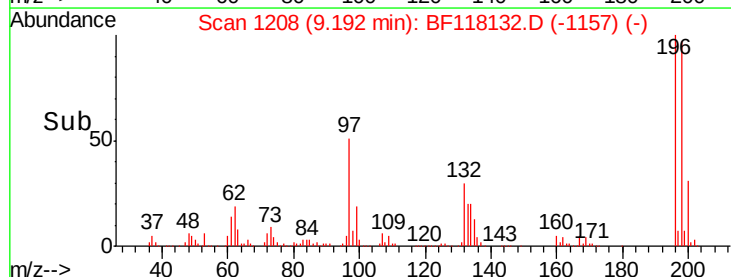
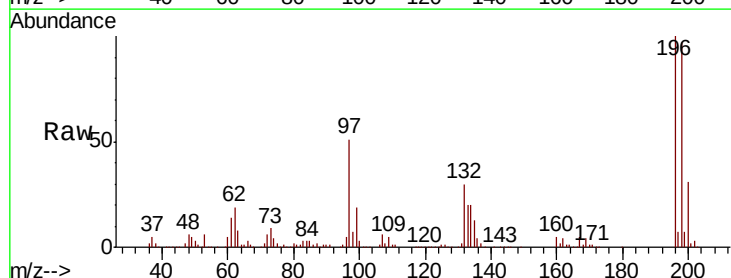
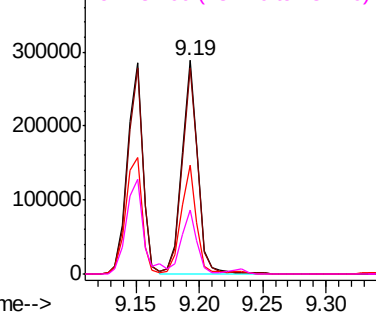
Abundance

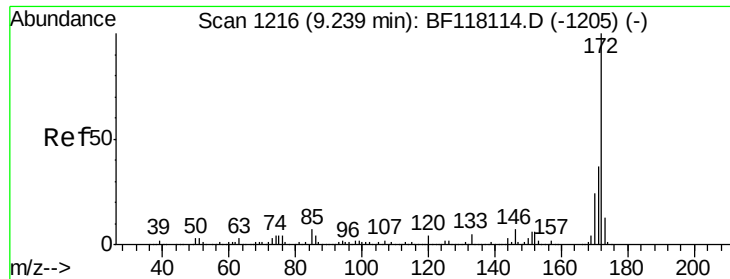
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





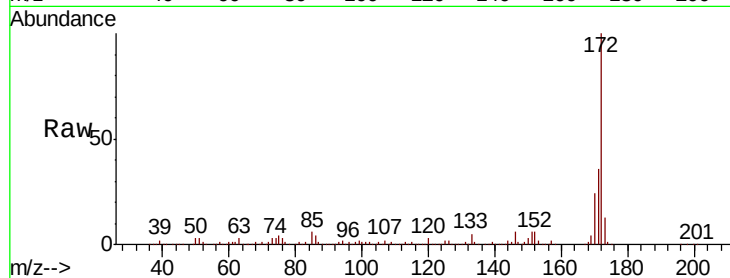
#45
2-Fluorobiphenyl
Concen: 63.291 ng
RT: 9.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.2	43.8
170	24.0	19.4	29.2

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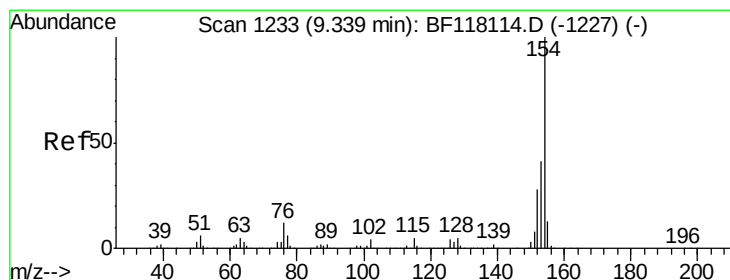
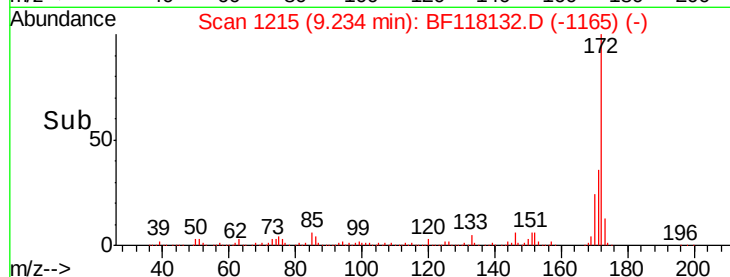
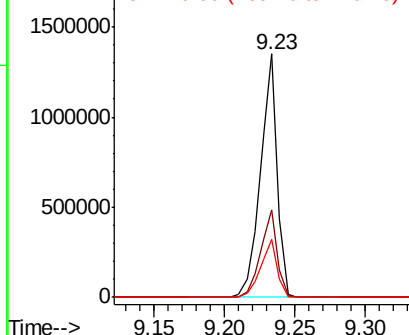


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 42.655 ng
RT: 9.33 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

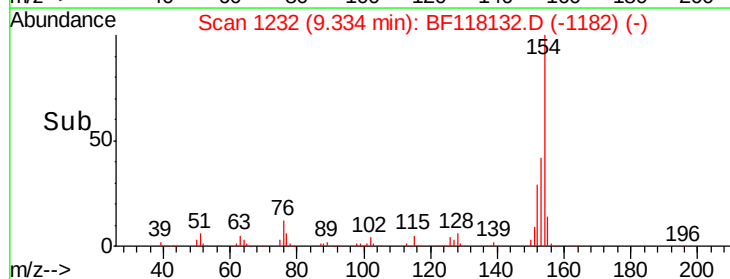
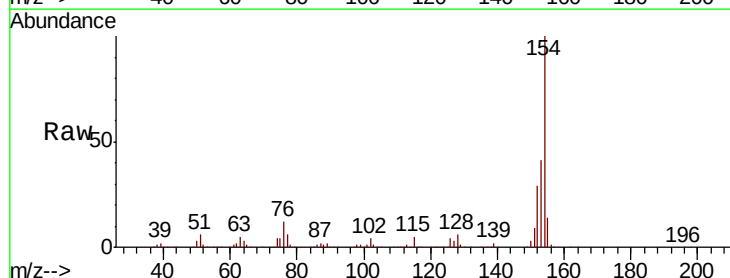
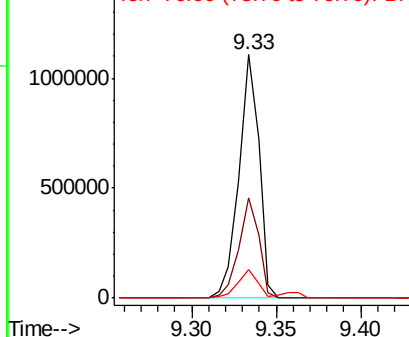
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.4	20.7	60.7
76	11.8	0.0	31.9

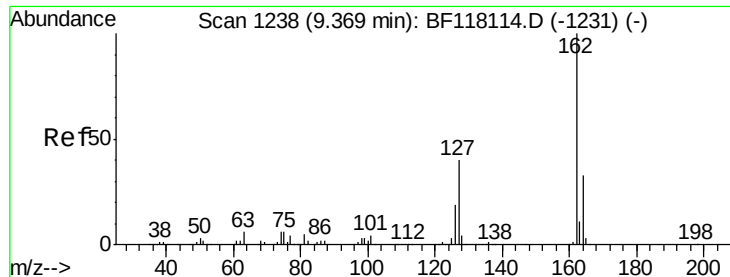
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





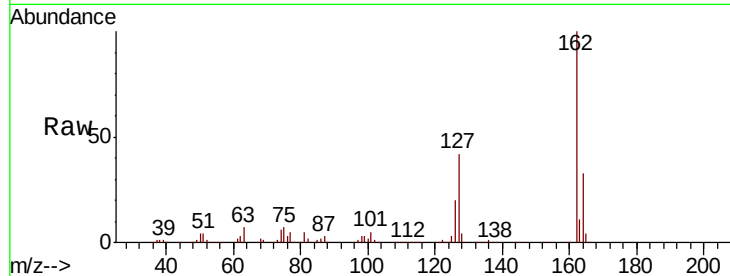
#47
 2-Chloronaphthalene
 Concen: 41.680 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 CMJ-01-COMPMSD

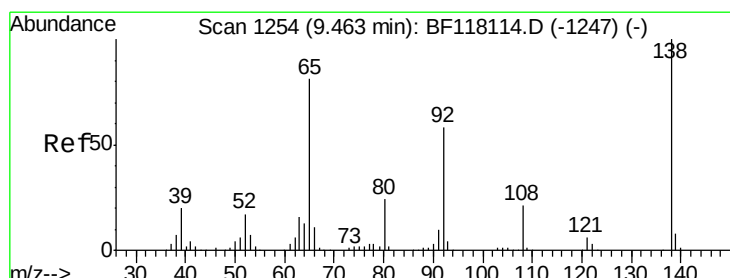
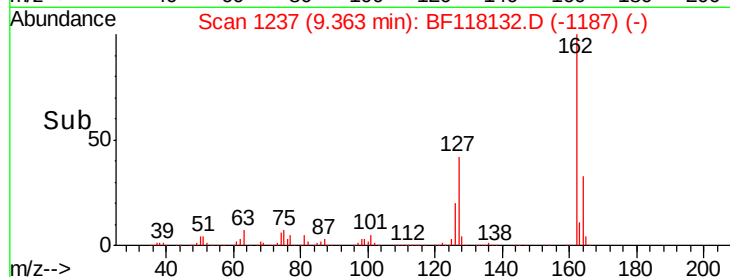
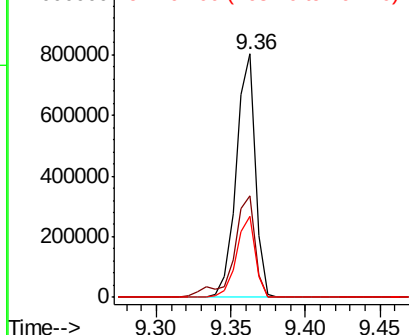
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	32.0	48.0
164	33.2	26.1	39.1

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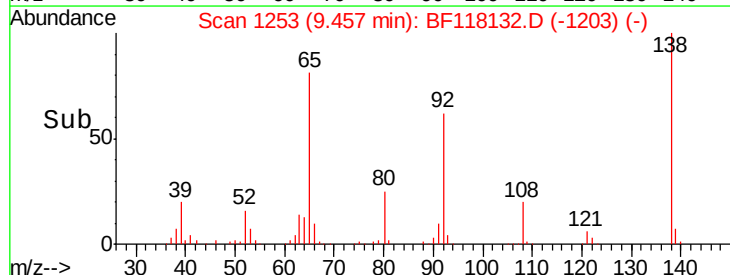
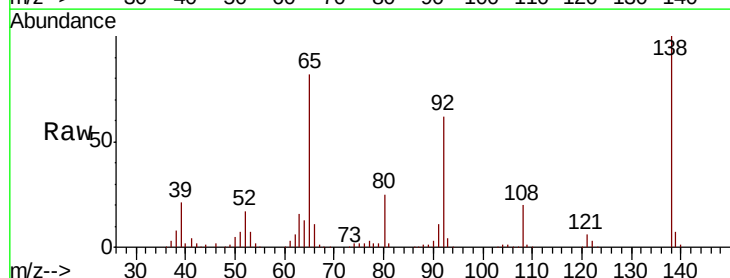
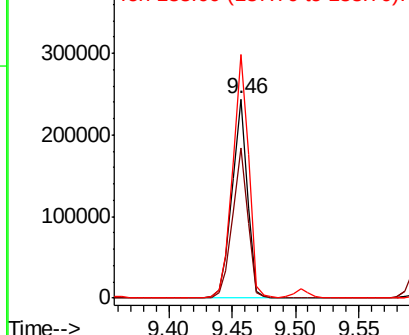
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

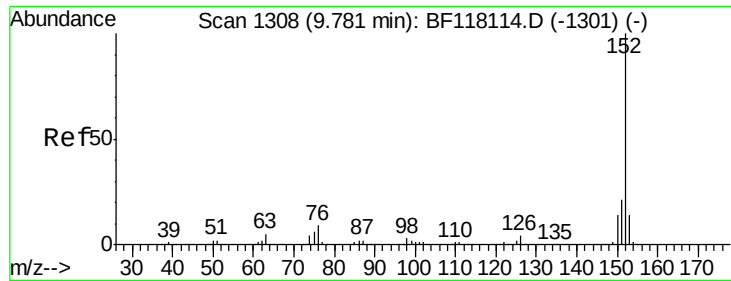


#48
 2-Nitroaniline
 Concen: 41.615 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.2	57.8	86.6
138	122.1	98.8	148.2

Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 45.340 ng

RT: 9.78 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

CMJ-01-COMPMSD

Tot Ion:152 Resp: 1158819

Ion Ratio Lower Upper

152 100

151 20.5 16.4 24.6

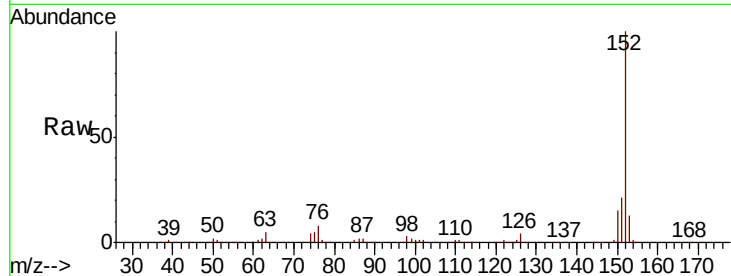
153 13.3 10.8 16.2

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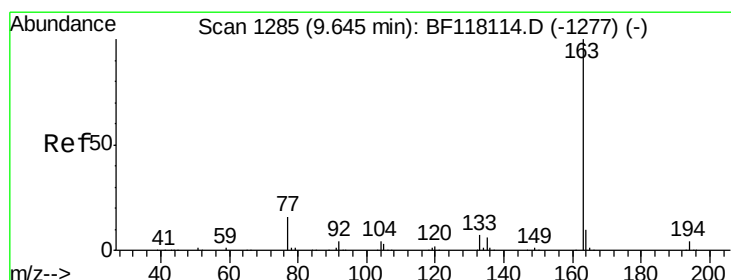
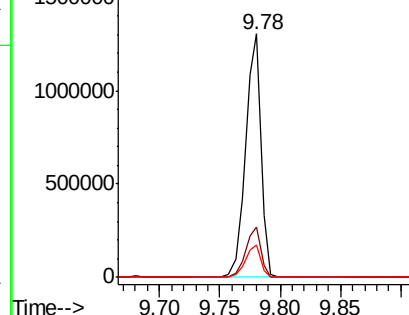
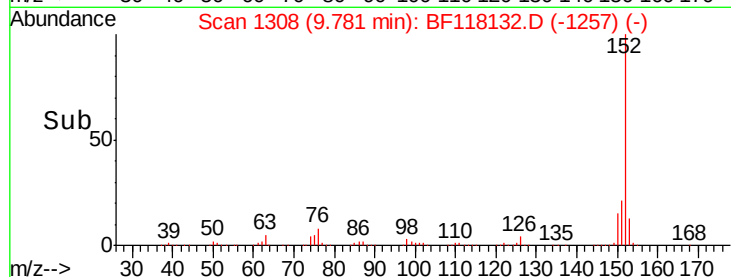
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 48.482 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

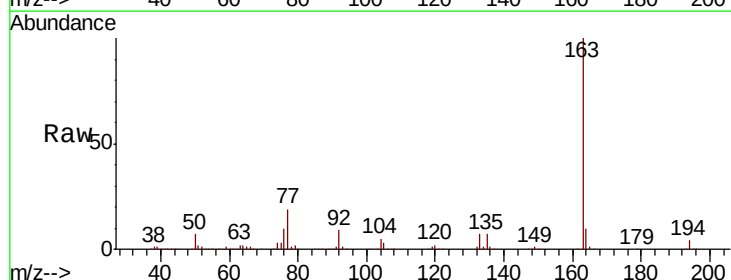
Tgt Ion:163 Resp: 978128

Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

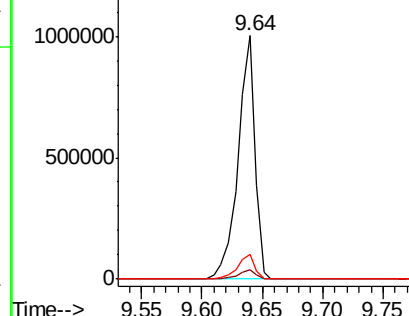
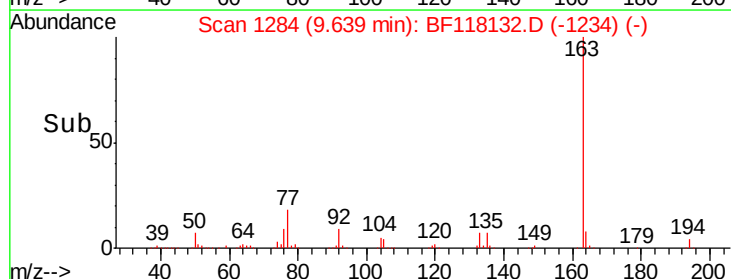
164 10.0 7.7 11.5

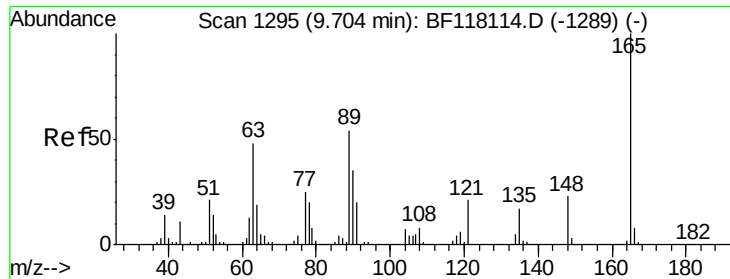


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





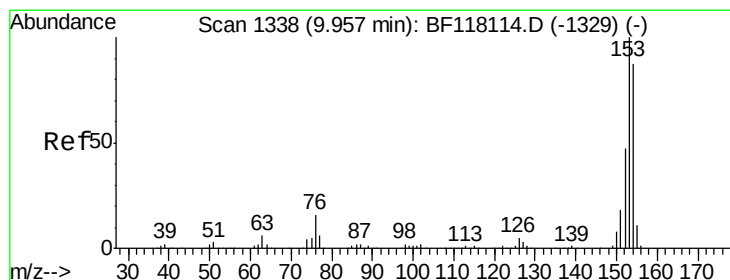
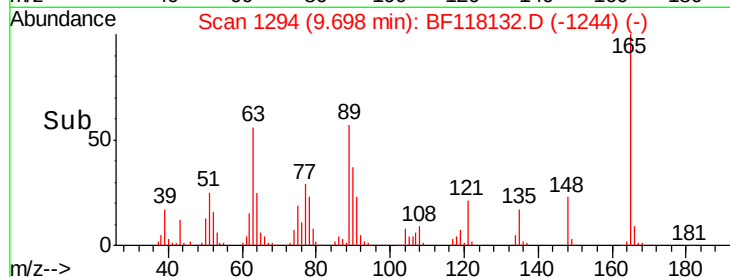
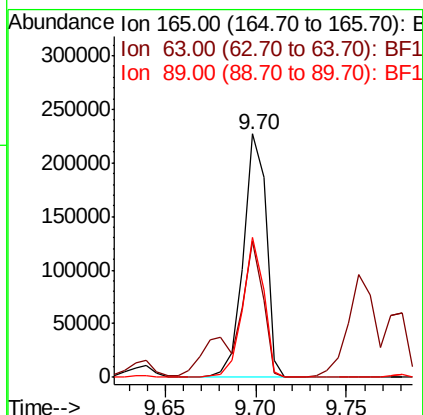
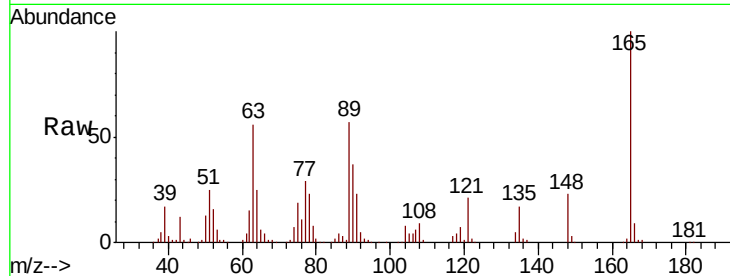
#51
2,6-Dinitrotoluene
Concen: 45.179 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	55.9	41.4	62.0
89	57.4	42.9	64.3

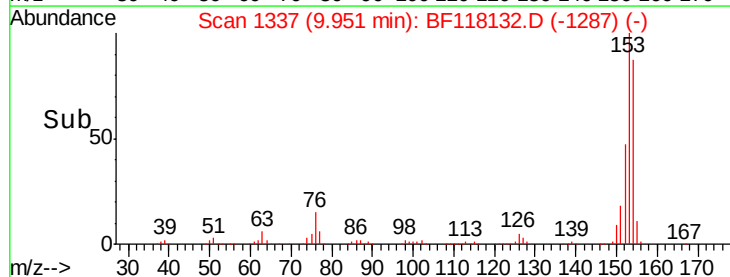
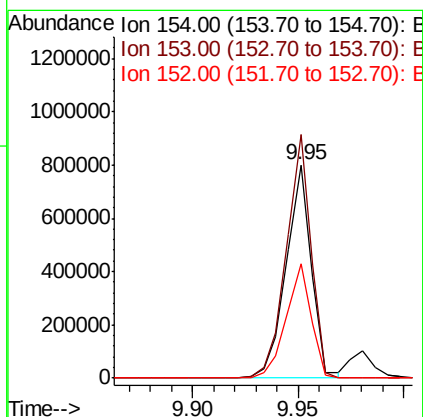
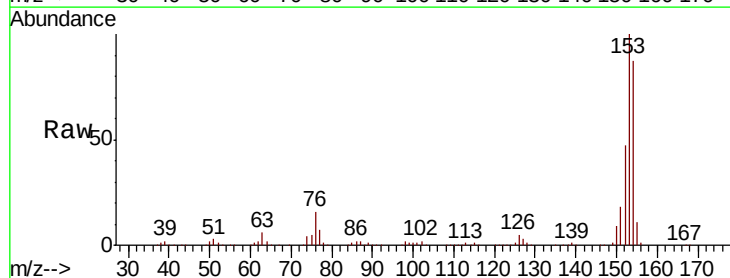
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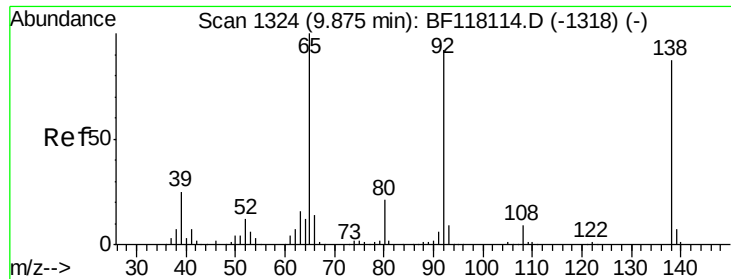
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#52
Acenaphthene
Concen: 42.948 ng
RT: 9.95 min Scan# 1337
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Resp Lower	Upper
154	100		
153	114.3	91.8	137.6
152	53.6	43.3	64.9





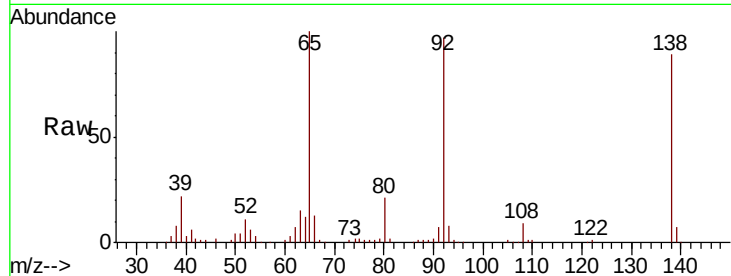
#53
3-Nitroaniline
Concen: 21.807 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.5	8.2	12.4	
92	108.5	84.9	127.3	

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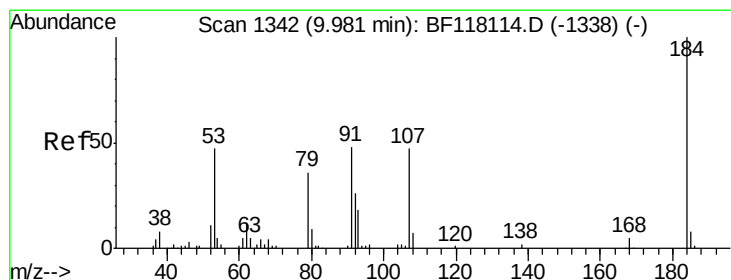
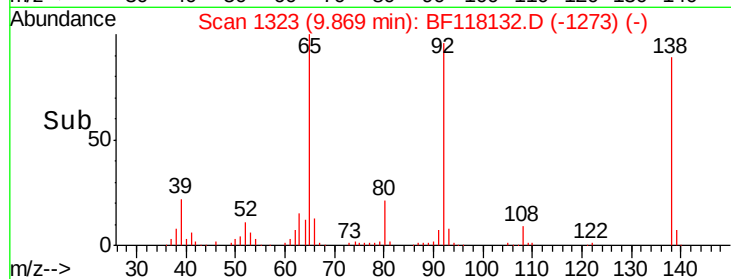
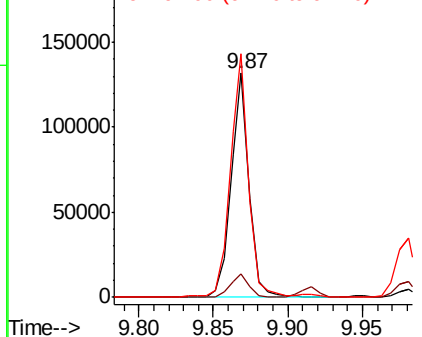


Abundance

Ion 138.00 (137.70 to 138.70): E

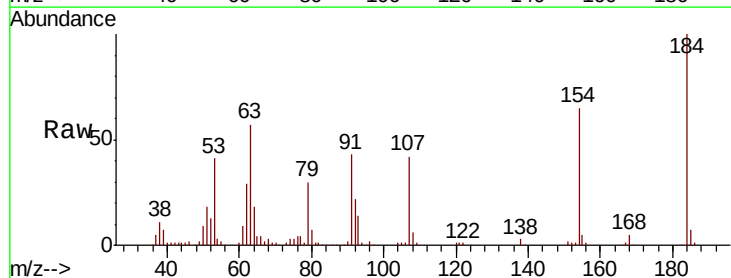
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 61.939 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	57.1	53.9	80.9	
154	64.7	56.3	84.5	

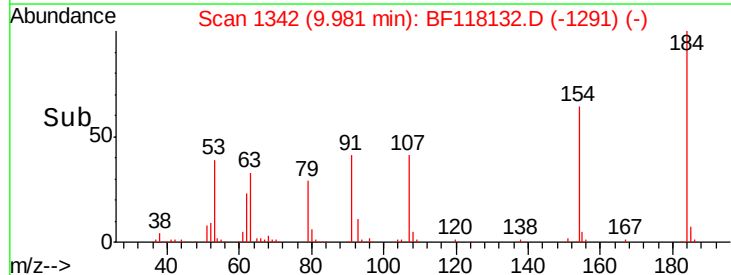
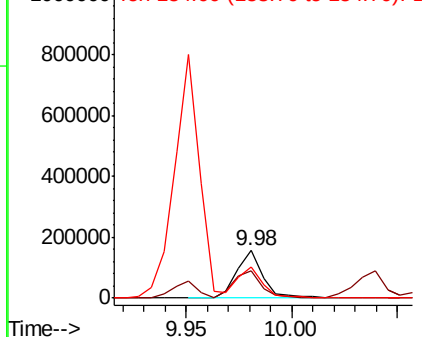


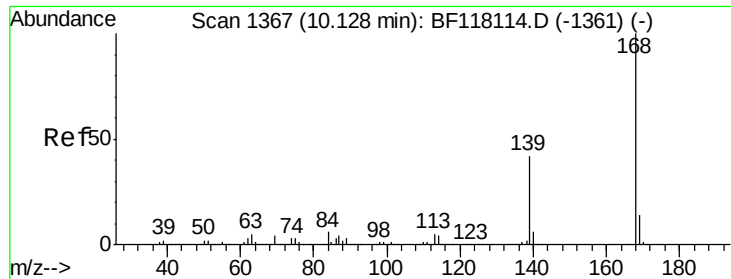
Abundance

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





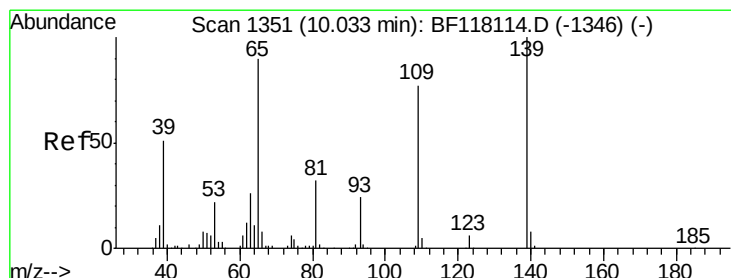
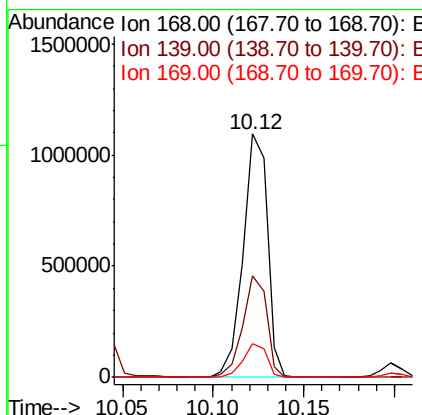
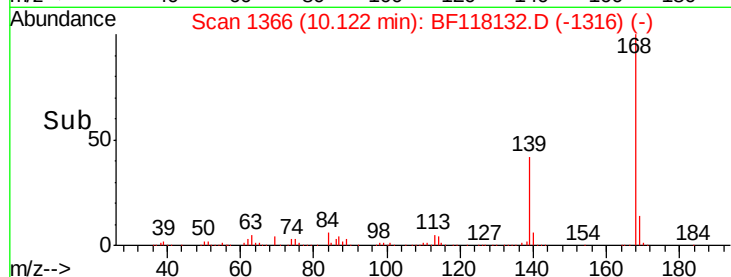
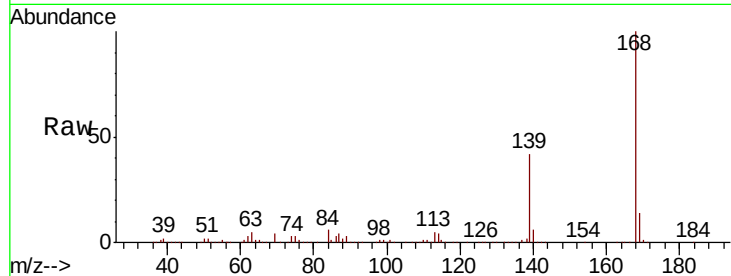
#55
Dibenzofuran
Concen: 44.565 ng
RT: 10.12 min Scan# 1366
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion:168 Resp: 1018670
Ion Ratio Lower Upper
168 100
139 41.8 33.4 50.0
169 13.9 11.0 16.6

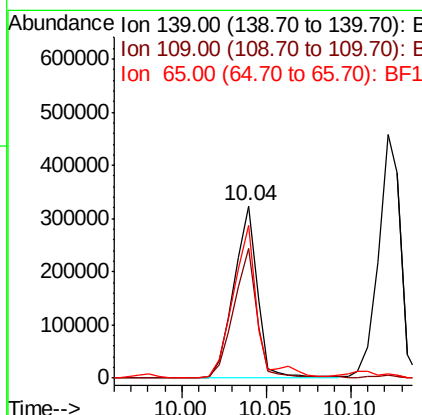
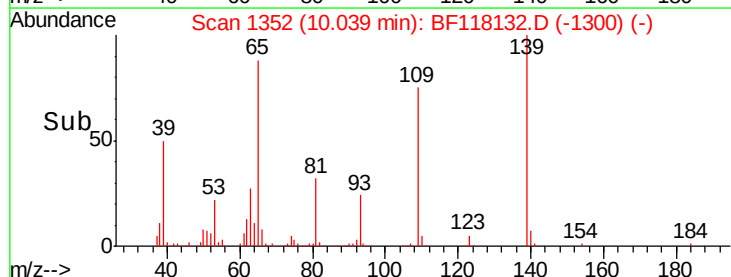
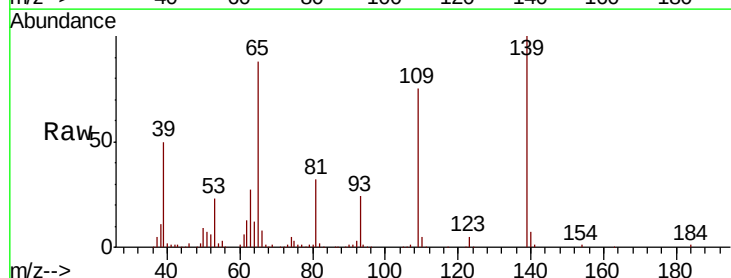
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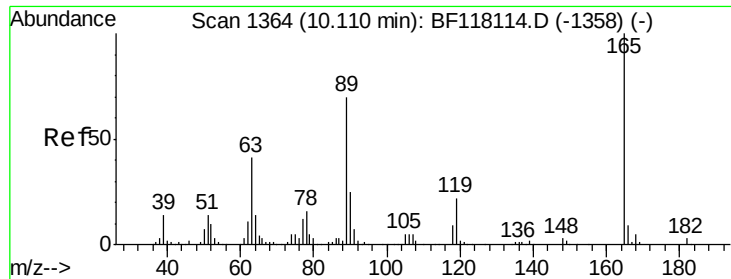
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#56
4-Nitrophenol
Concen: 87.733 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:139 Resp: 314336
Ion Ratio Lower Upper
139 100
109 75.4 57.3 97.3
65 88.4 70.2 110.2





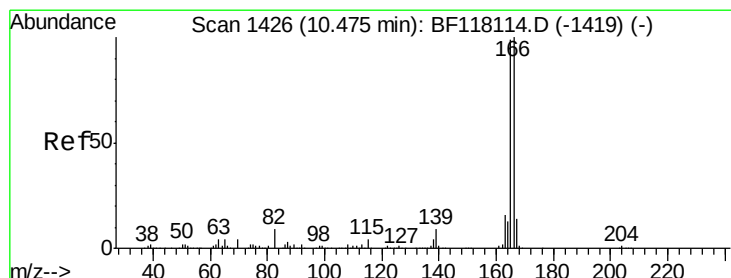
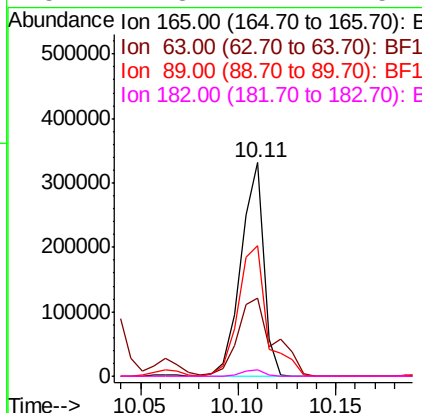
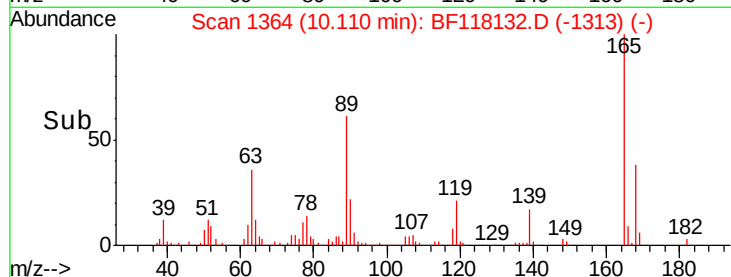
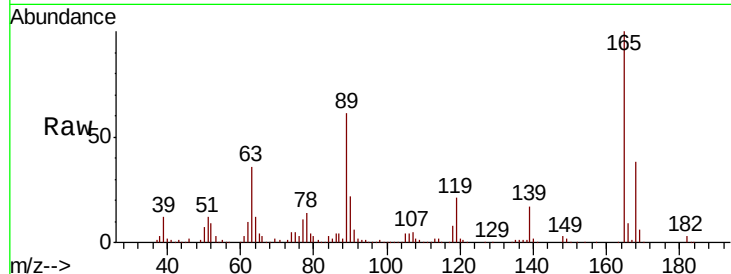
#57
 2,4-Dinitrotoluene
 Concen: 46.158 ng
 RT: 10.11 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 CMJ-01-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	270273		
63	36.3		32.6	49.0
89	61.0		56.1	84.1
182	2.8		2.1	3.1

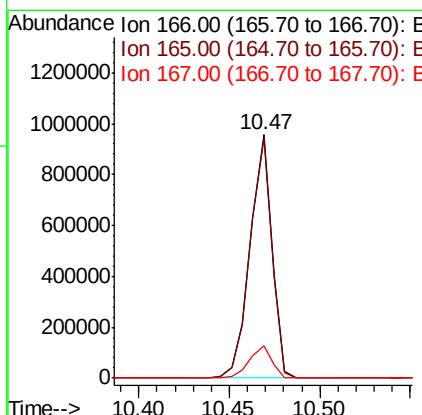
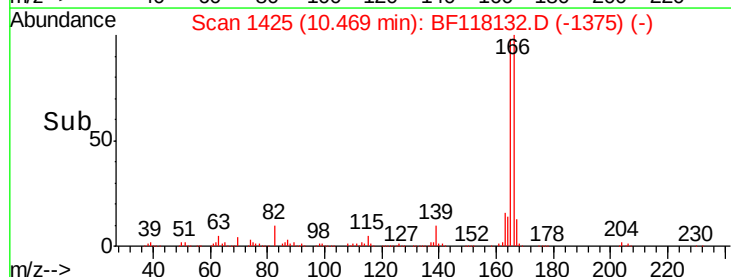
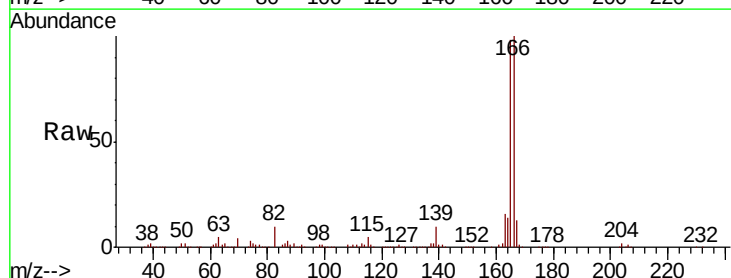
Manual Integrations
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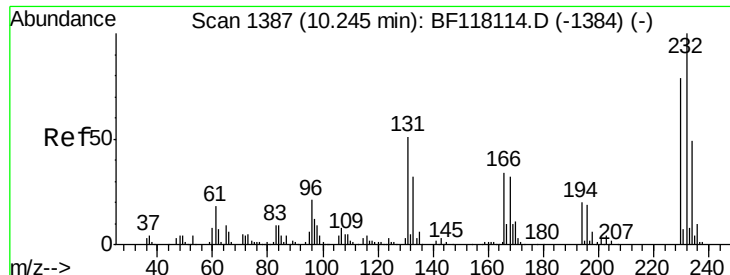
mohammad
 12/10/2019 11:47:35 AM



#58
 Fluorene
 Concen: 44.281 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	804379		
165	98.4		79.0	118.4
167	13.3		10.9	16.3





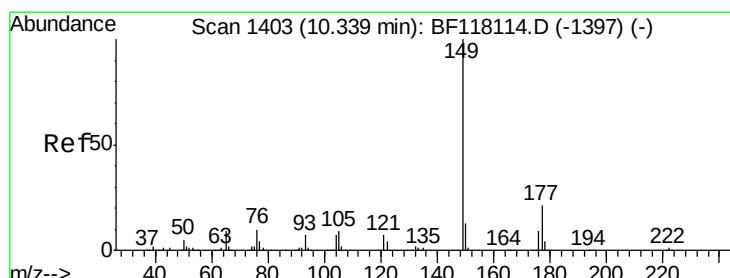
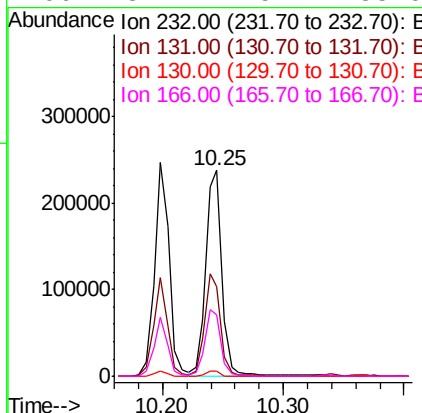
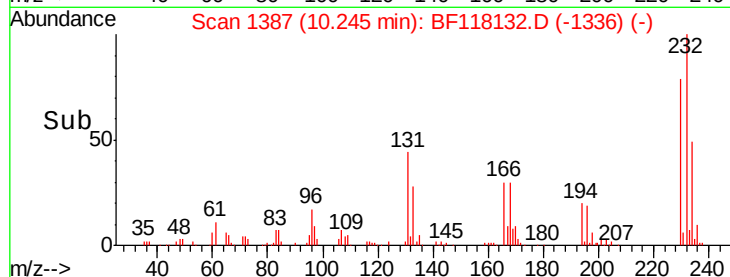
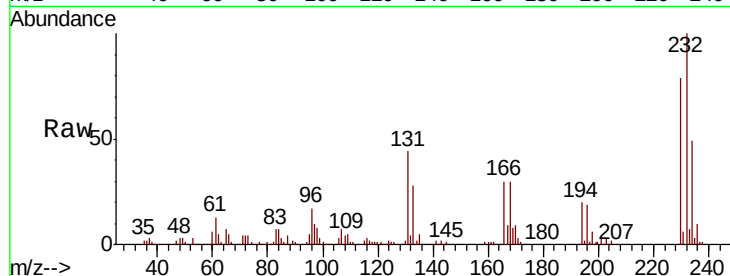
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.293 ng
RT: 10.25 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	218602		
131	48.8		38.8	58.2
130	2.4		1.9	2.9
166	31.4		25.4	38.0

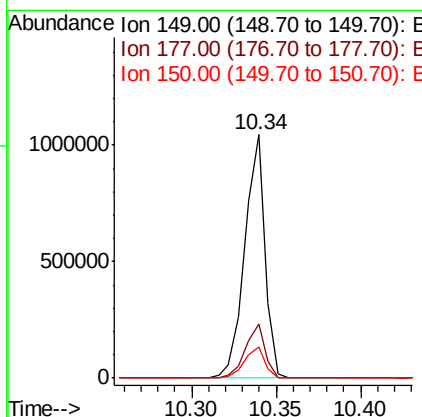
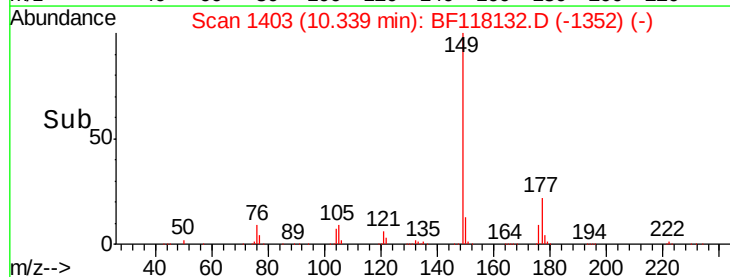
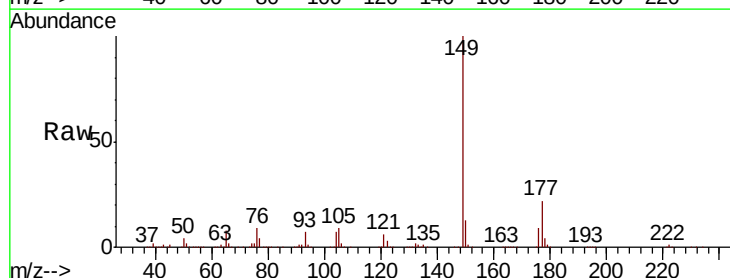
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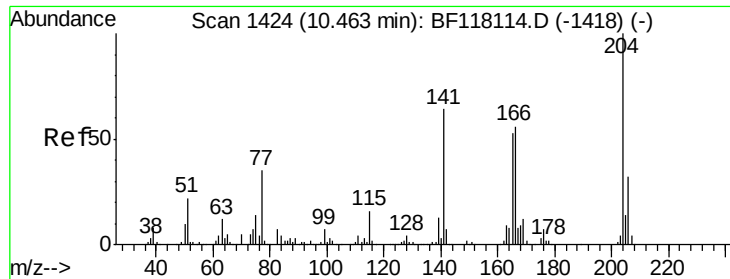
mohammad
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#60
Diethylphthalate
Concen: 44.027 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	875147		
177	22.1		17.0	25.4
150	12.6		10.1	15.1





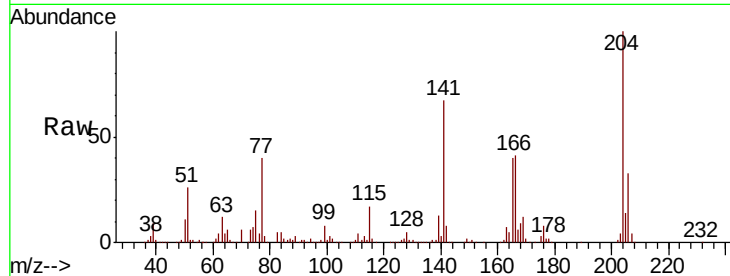
#61
4-Chlorophenyl-phenylether
Concen: 42.886 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

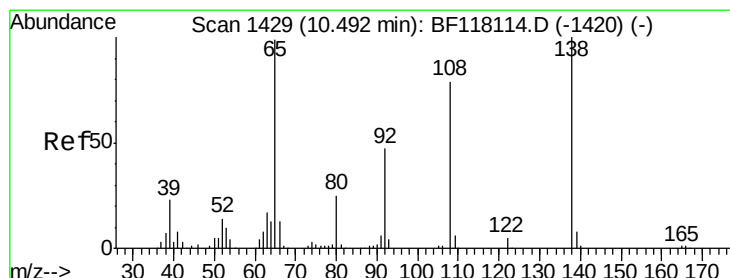
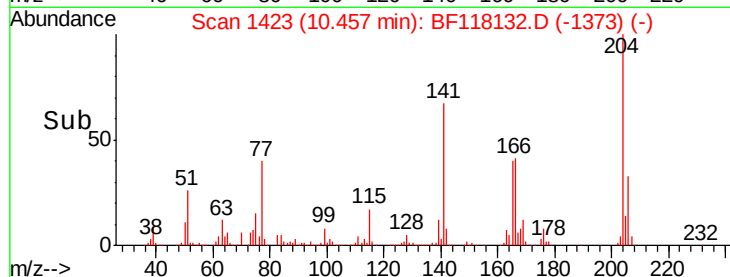
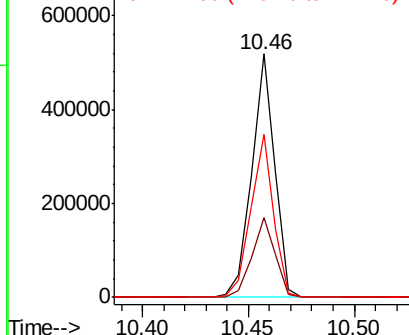
Tot Ion:	204	Resp:	391979
Ion Ratio	Lower	Upper	
204	100		
206	32.8	26.0	39.0
141	66.9	51.0	76.6

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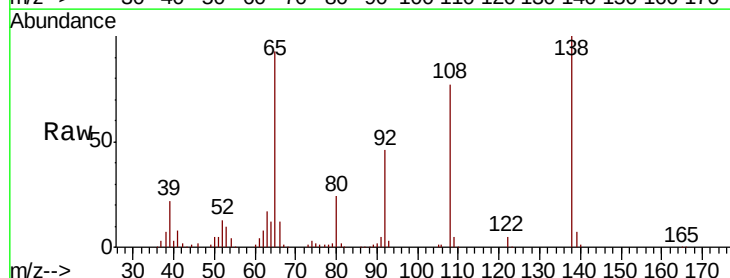


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

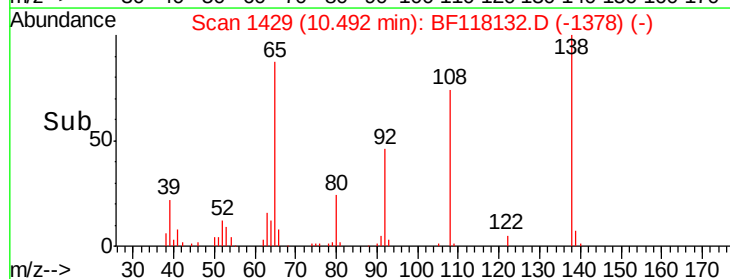
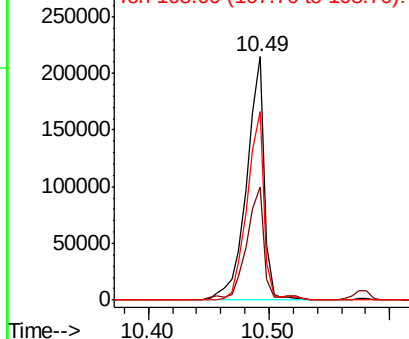


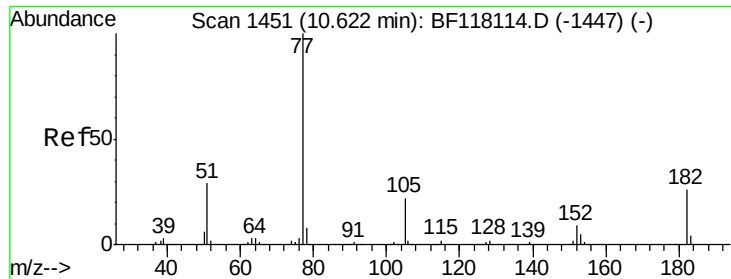
#62
4-Nitroaniline
Concen: 40.920 ng
RT: 10.49 min Scan# 1429
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion:	138	Resp:	220333
Ion Ratio	Lower	Upper	
138	100		
92	46.5	27.1	67.1
108	77.2	59.0	99.0



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





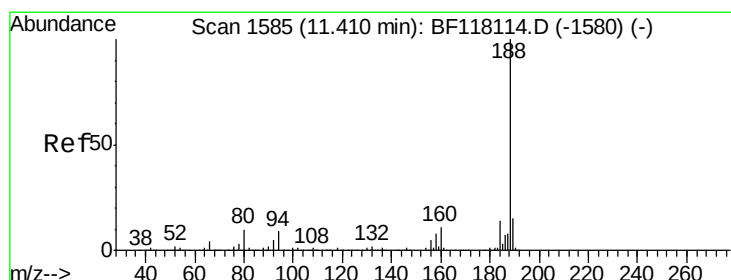
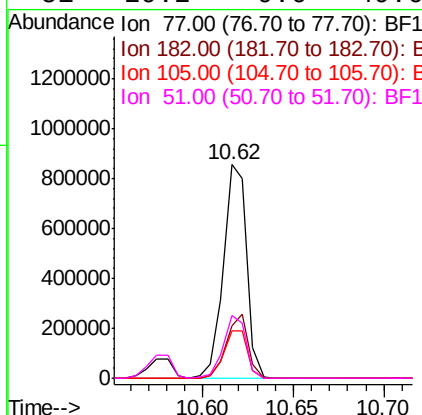
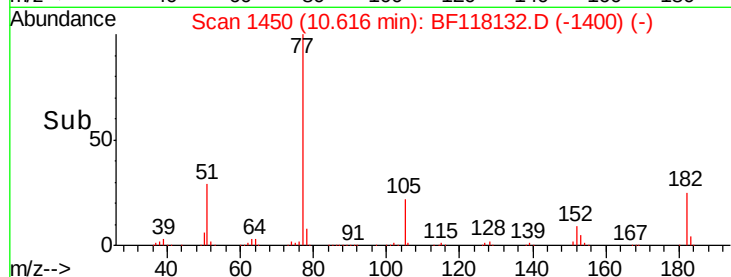
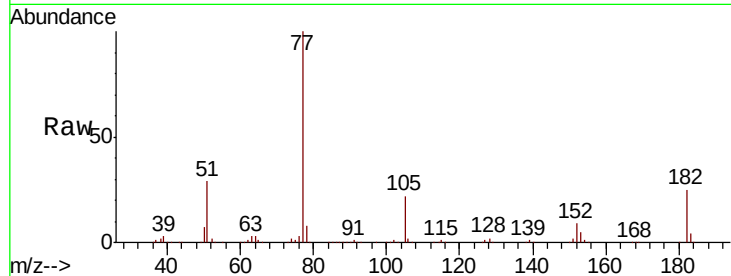
#63
Azobenzene
Concen: 44.955 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.9	5.7	45.7	
105	22.1	2.2	42.2	
51	29.2	9.6	49.6	

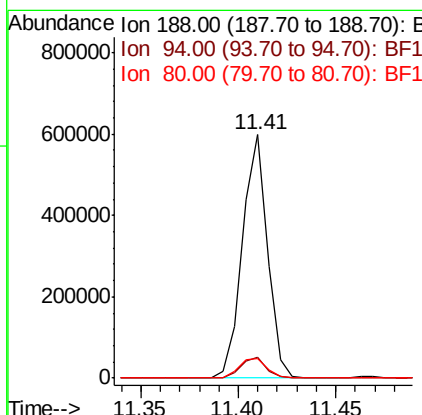
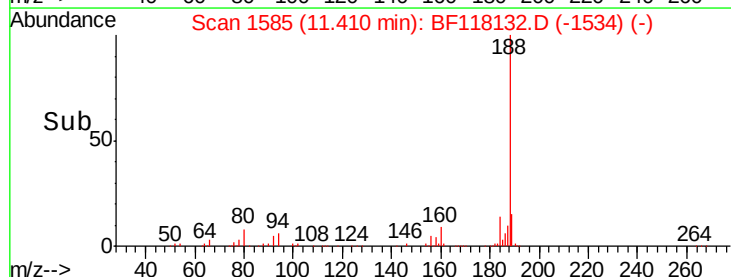
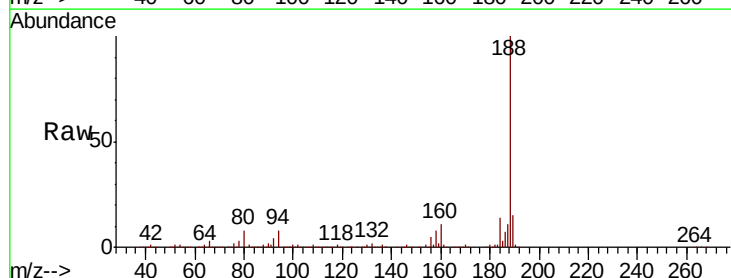
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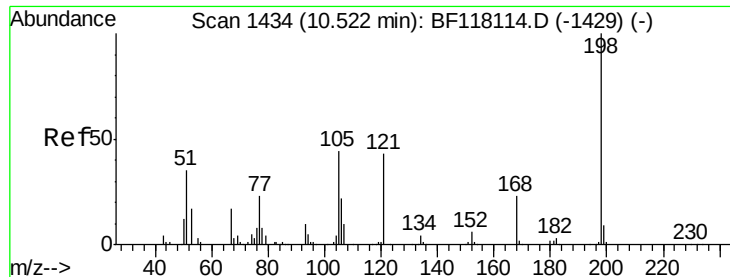
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.3	7.1	10.7	
80	8.2	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 39.378 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

CMJ-01-COMPMSD

Tot Ion:198 Resp: 115479

Ion Ratio Lower Upper

198 100

51 31.8 22.0 62.0

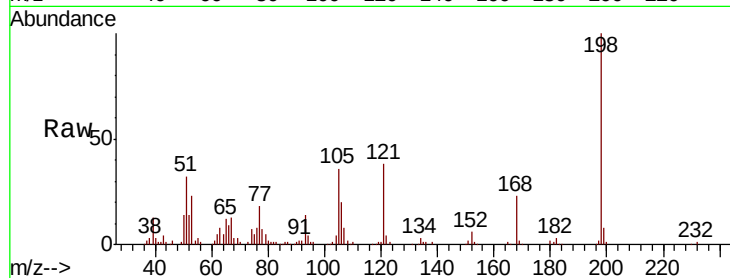
105 36.0 25.6 65.6

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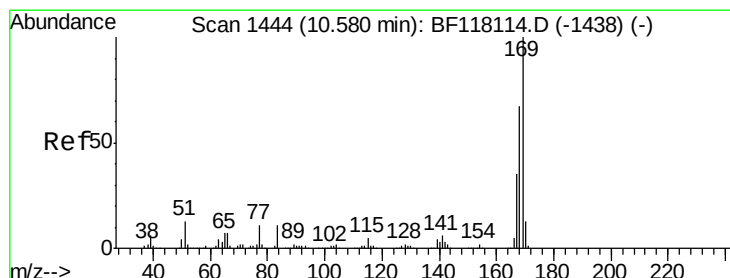
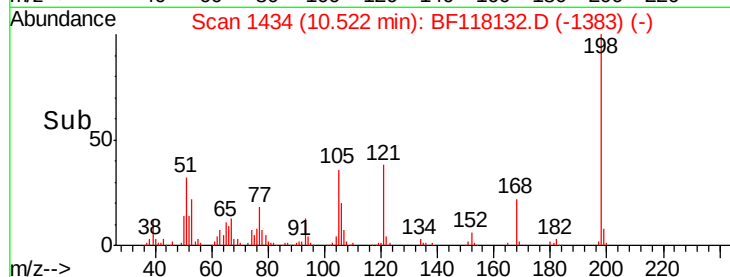
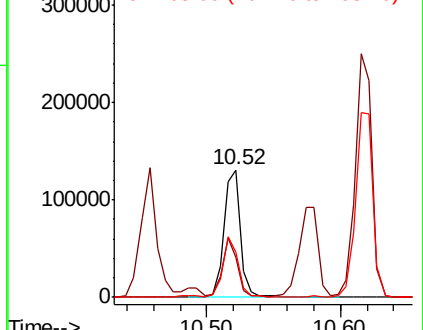
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.765 ng

RT: 10.58 min Scan# 1444

Delta R.T. 0.00 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

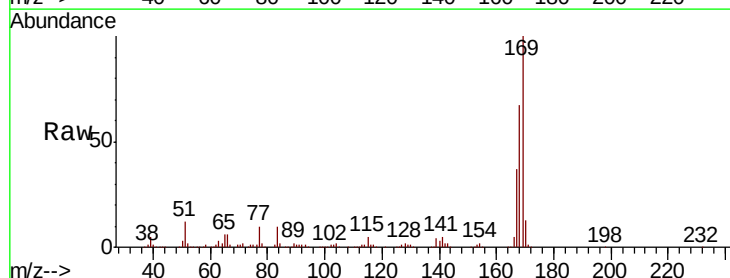
Tgt Ion:169 Resp: 725750

Ion Ratio Lower Upper

169 100

168 66.7 53.4 80.2

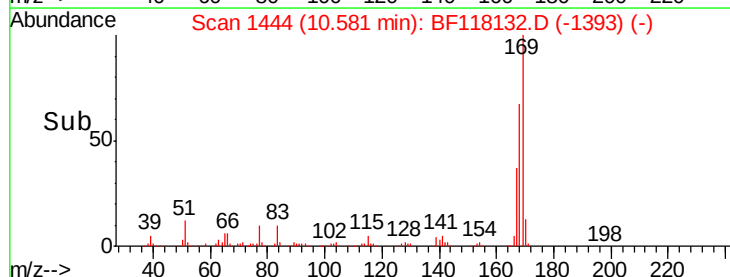
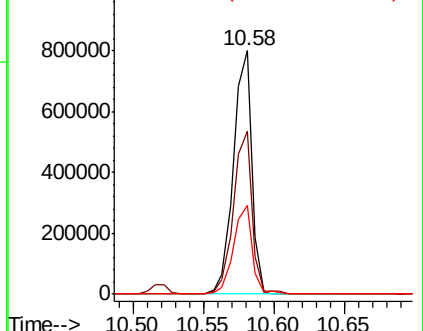
167 36.7 28.4 42.6

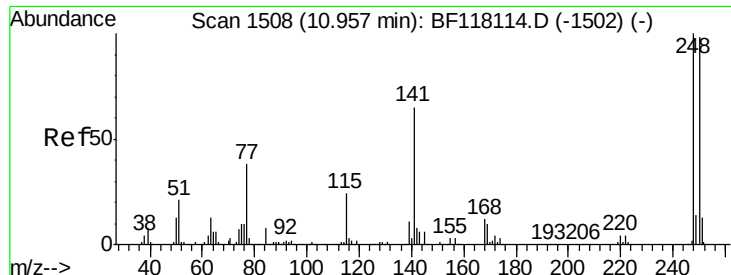


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





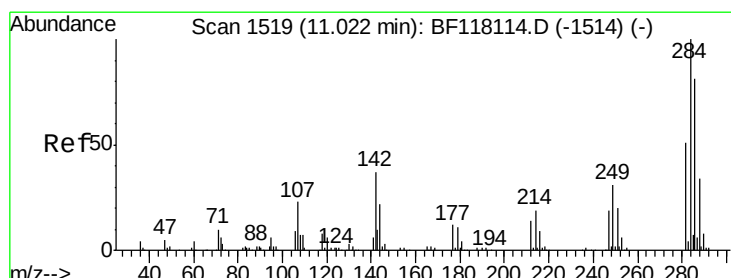
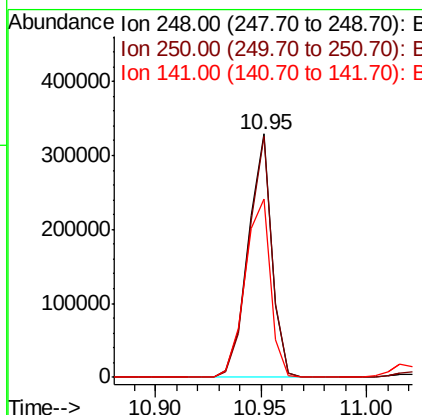
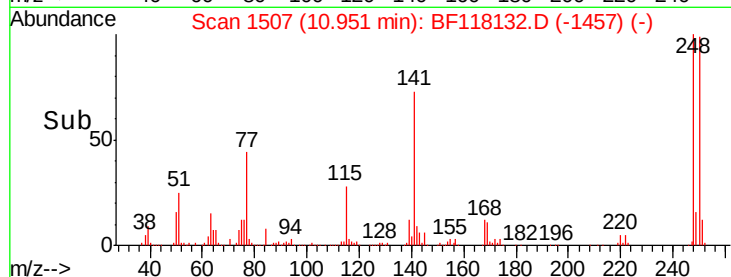
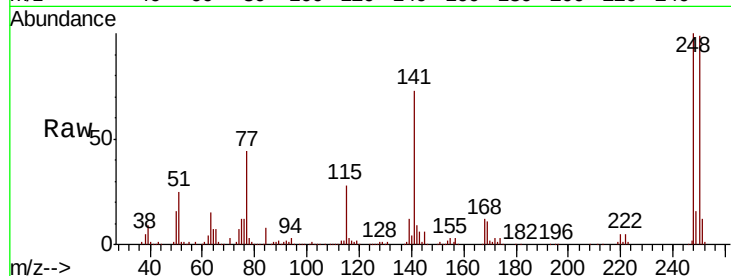
#67
4-Bromophenyl-phenylether
Concen: 42.207 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	78.3	117.5
141	73.4	52.2	78.4

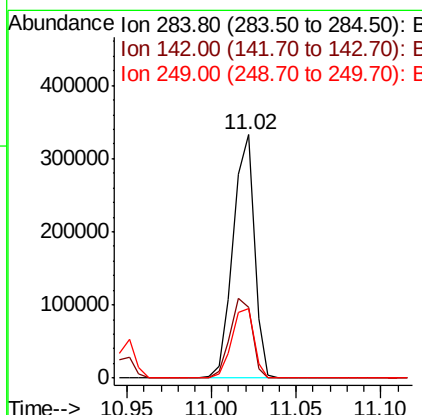
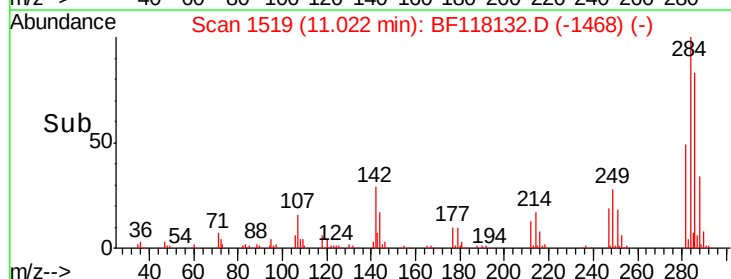
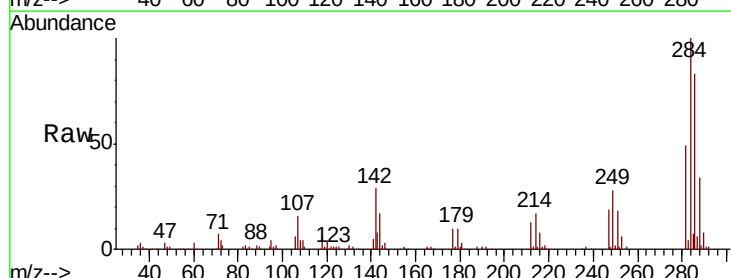
Manual Integrations
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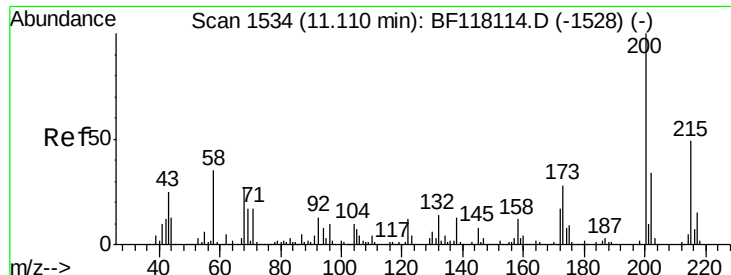
mohammad
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#68
Hexachlorobenzene
Concen: 40.851 ng
RT: 11.02 min Scan# 1519
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.9	29.7	44.5#
249	28.3	24.6	37.0





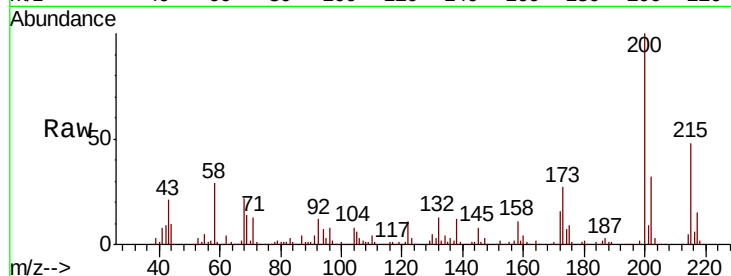
#69
Atrazine
Concen: 55.837 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	8.1	48.1
215	48.0	29.0	69.0

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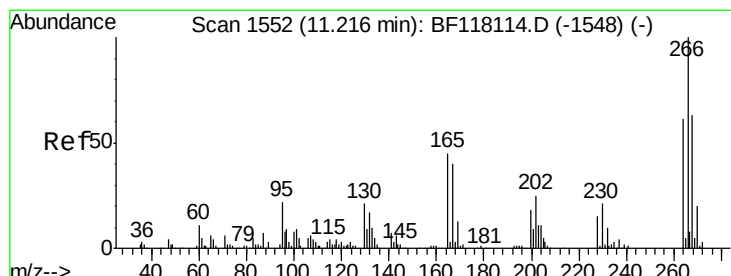
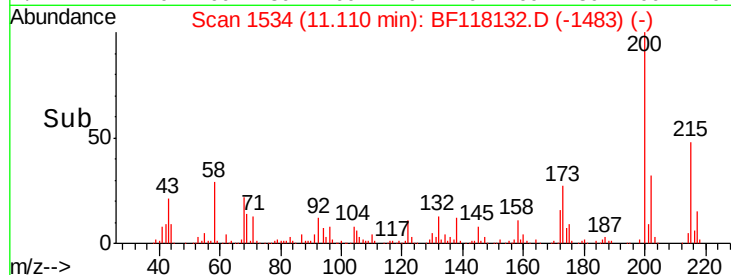
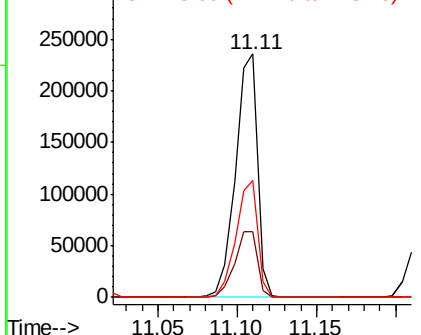


Abundance

Ion 200.00 (199.70 to 200.70): E

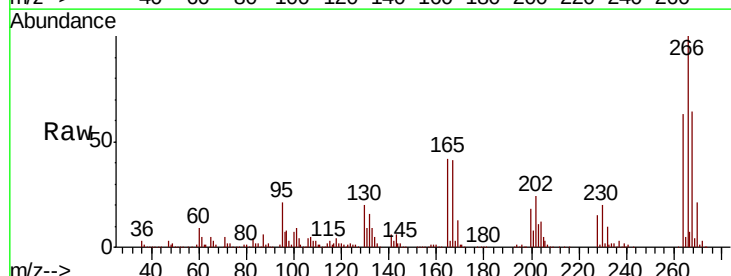
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 86.247 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.3	50.7	76.1
264	63.3	48.7	73.1

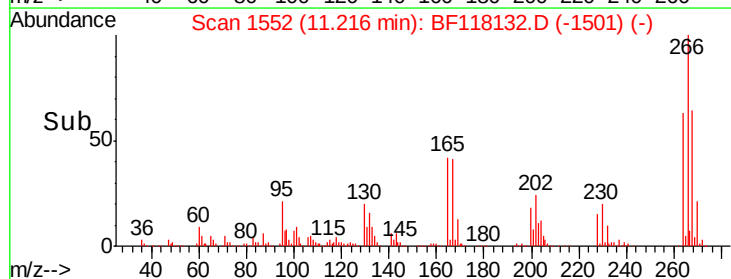
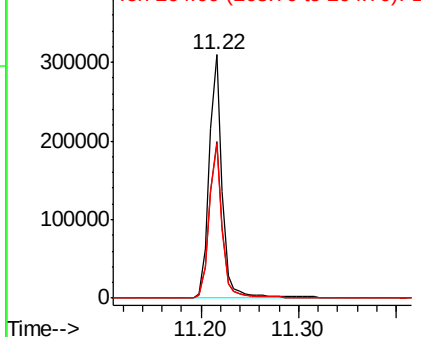


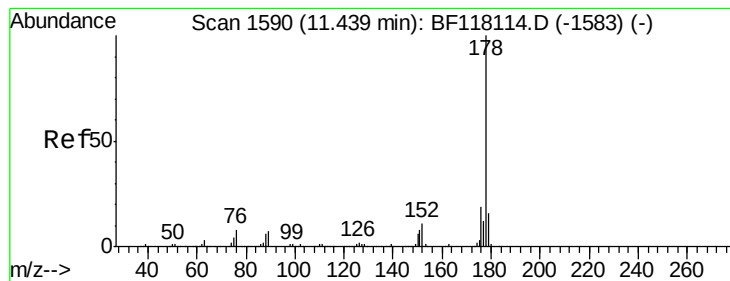
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.645 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

ClientSampleId :

CMJ-01-COMPMSD

Tot Ion:178 Resp: 1232031

Ion Ratio Lower Upper

178 100

176 19.8 15.5 23.3

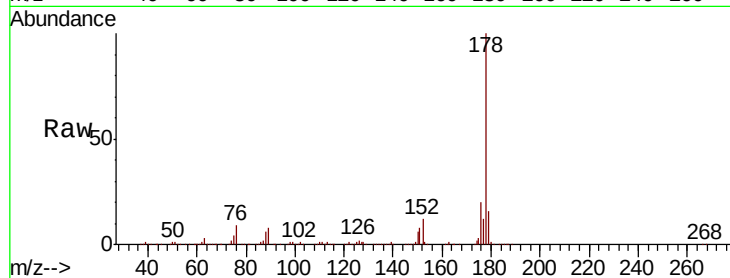
179 15.8 12.6 18.8

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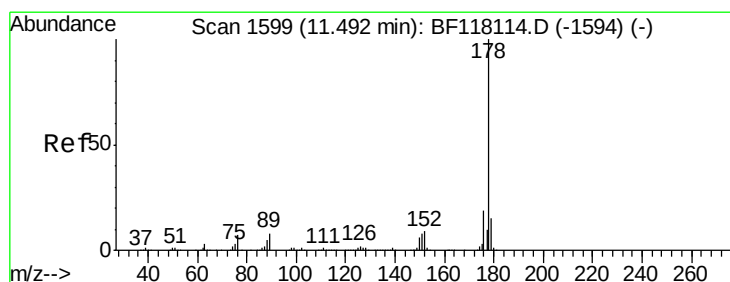
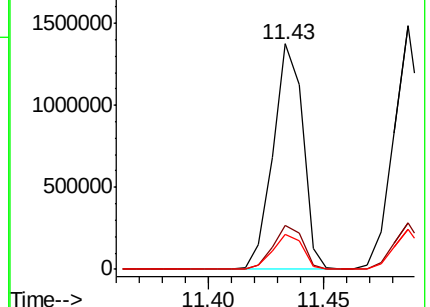
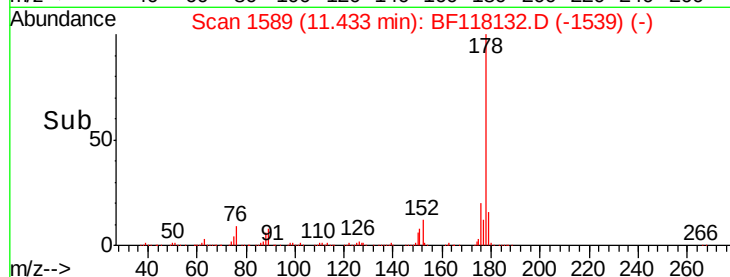
12/10/2019 11:47:35 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.143 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

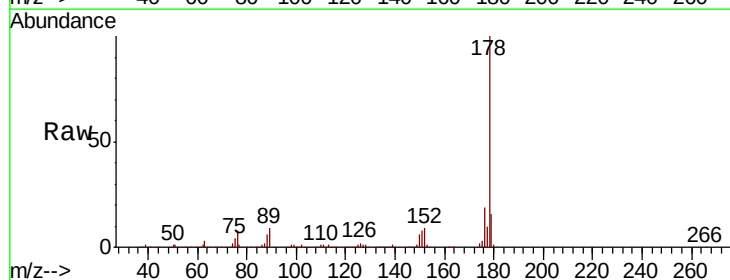
Tgt Ion:178 Resp: 1271223

Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.6

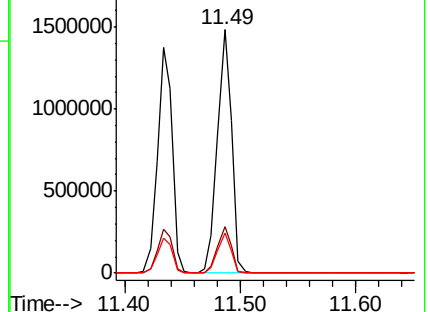
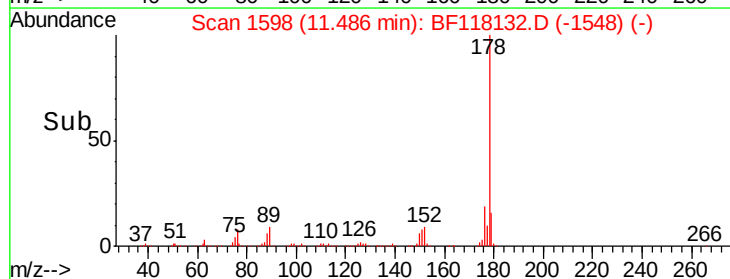
179 16.2 12.2 18.4

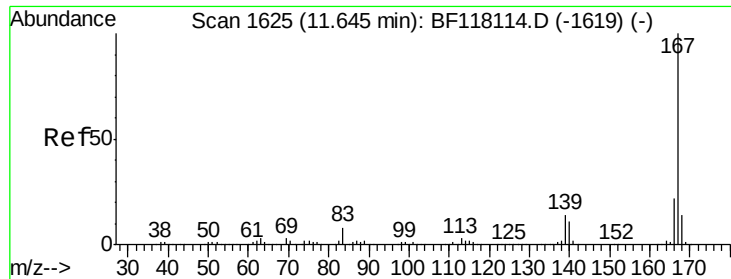


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





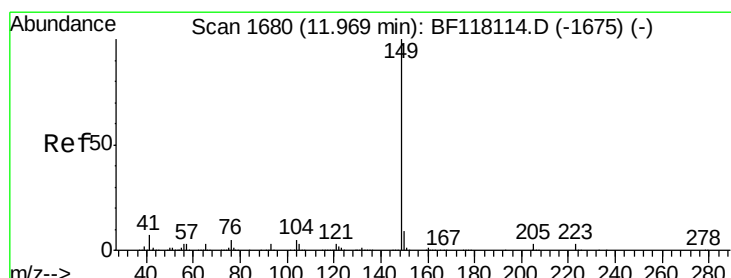
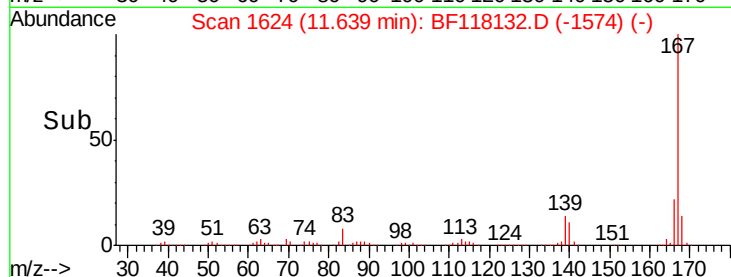
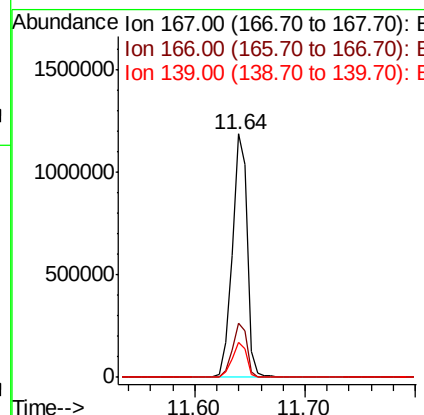
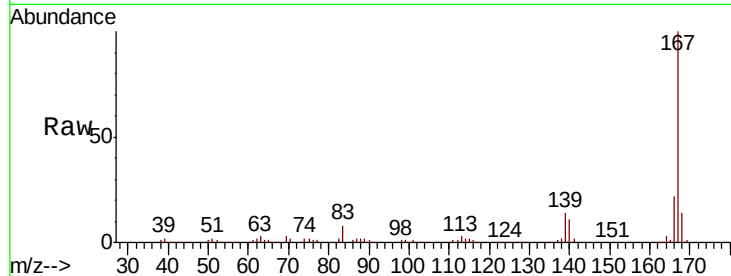
#73
 Carbazole
 Concen: 44.542 ng
 RT: 11.64 min Scan# 1624
 Delta R.T. -0.01 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Instrument :
 BNA_F
 ClientSampleId :
 CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.4	26.2
139	14.1	11.4	17.0

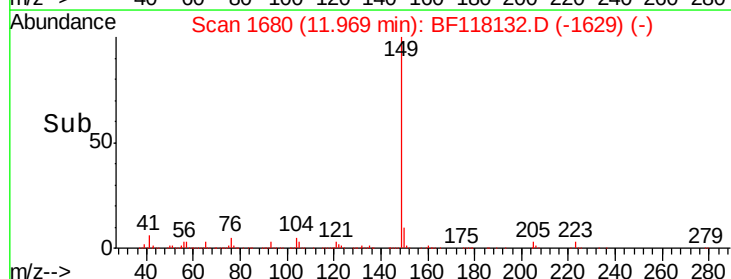
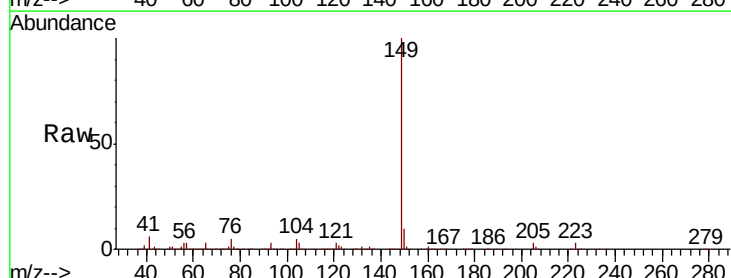
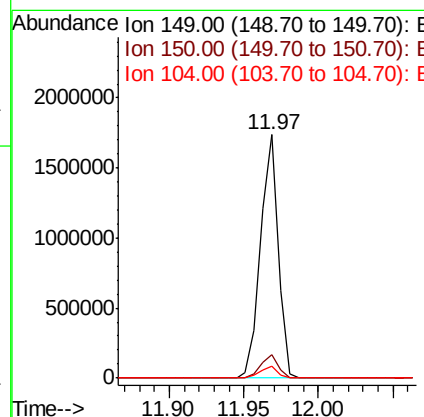
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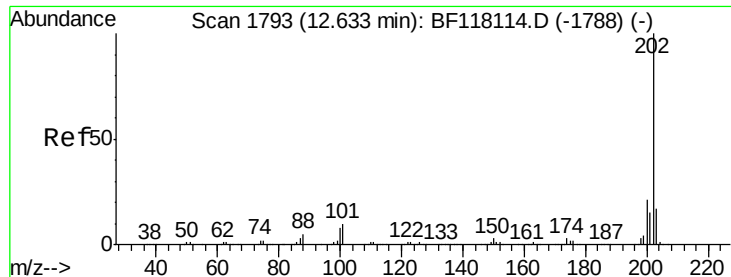
mohammad
 12/10/2019 11:47:35 AM



#74
 Di-n-butylphthalate
 Concen: 44.668 ng
 RT: 11.97 min Scan# 1680
 Delta R.T. 0.00 min
 Lab File: BF118132.D
 Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.2
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 44.484 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

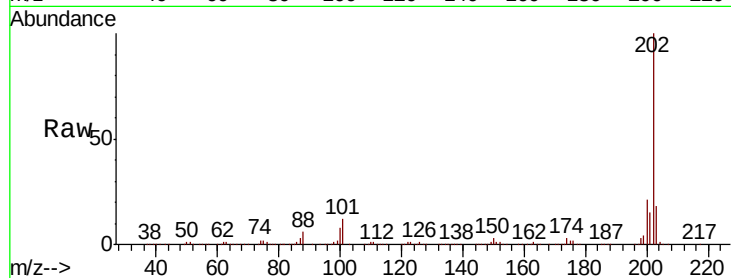
ClientSampleId :

CMJ-01-COMPMSD

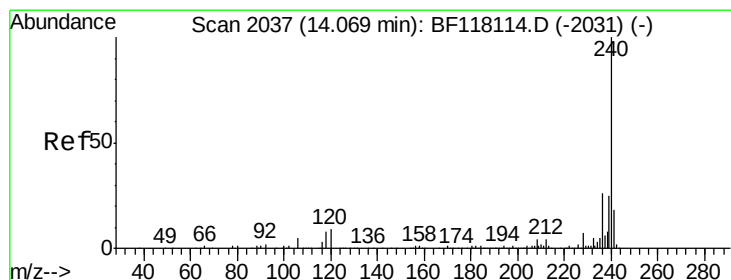
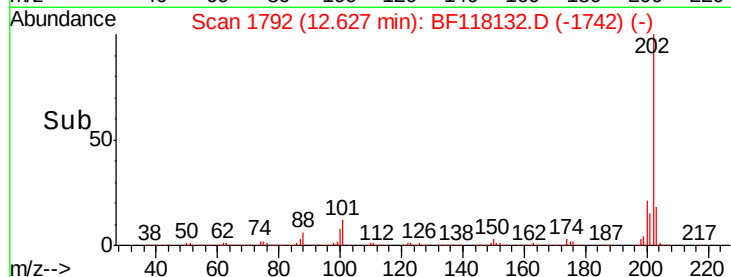
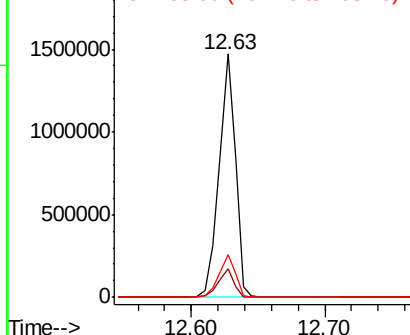
Tot Ion:	202	Resp:	1283854
Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.4
203	17.7	0.0	37.2

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Abundance Ion 202.00 (201.70 to 202.70): E
2000000
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

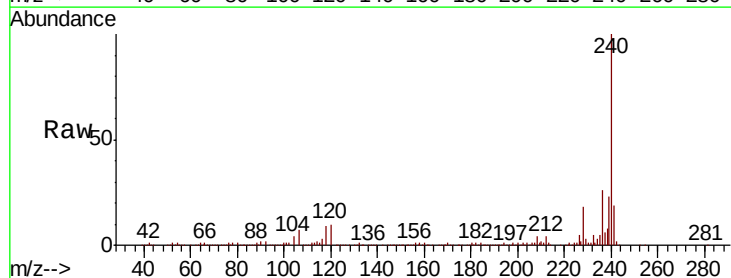
RT: 14.06 min Scan# 2036

Delta R.T. -0.01 min

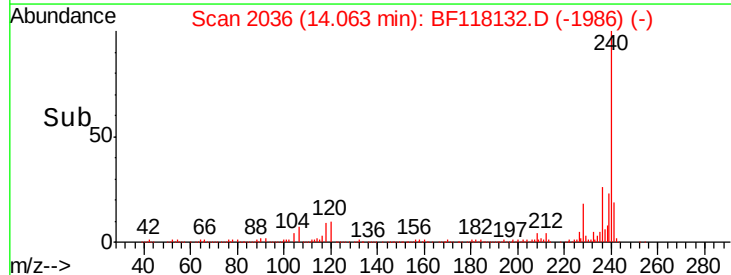
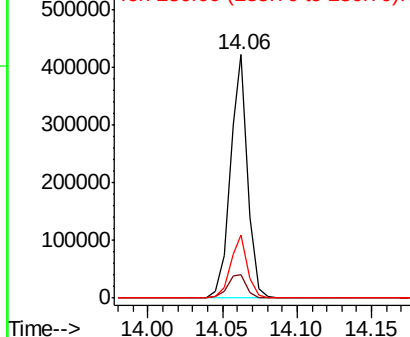
Lab File: BF118132.D

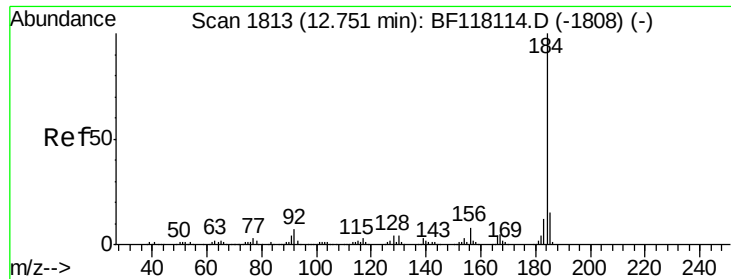
Acq: 7 Dec 2019 16:39

Tgt Ion:	240	Resp:	343067
Ion	Ratio	Lower	Upper
240	100		
120	9.6	7.1	10.7
236	25.8	21.0	31.6



Abundance Ion 240.00 (239.70 to 240.70): E
500000
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.607 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

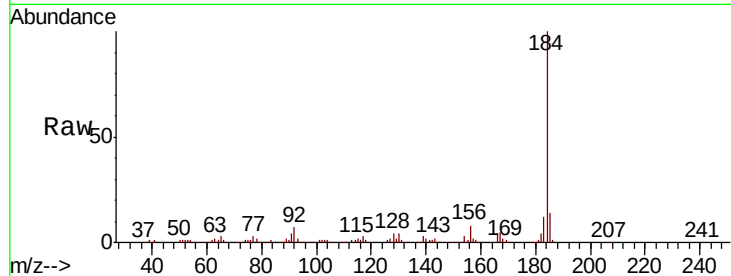
ClientSampleId :

CMJ-01-COMPMSD

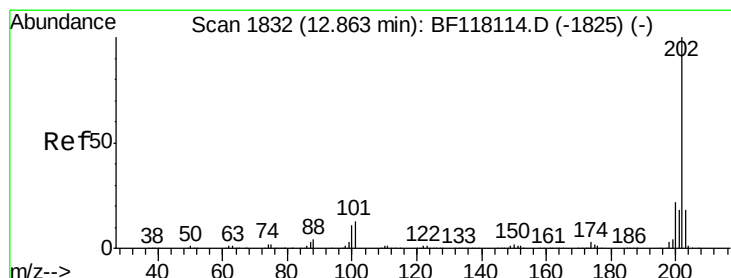
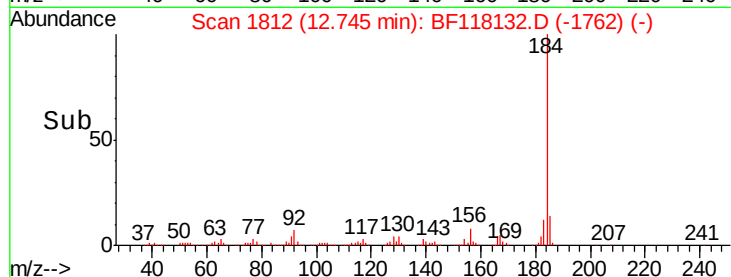
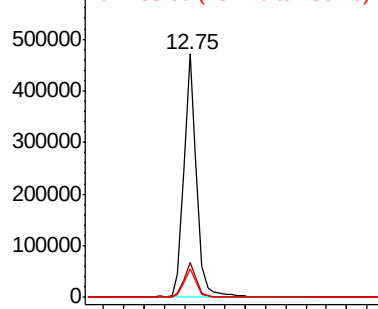
Tot Ion:	184	Resp:	411890
Ion Ratio	Lower	Upper	
184	100		
185	14.2	12.3	18.5
183	11.9	9.9	14.9

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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: 47.836 ng

RT: 12.86 min Scan# 1831

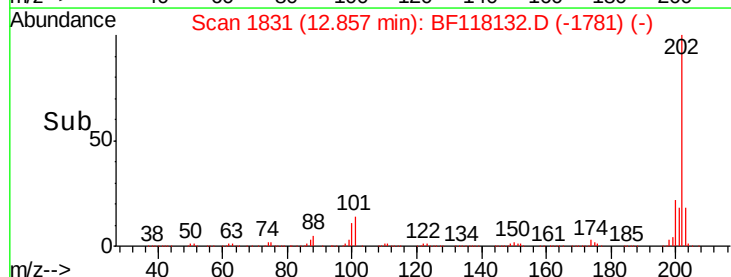
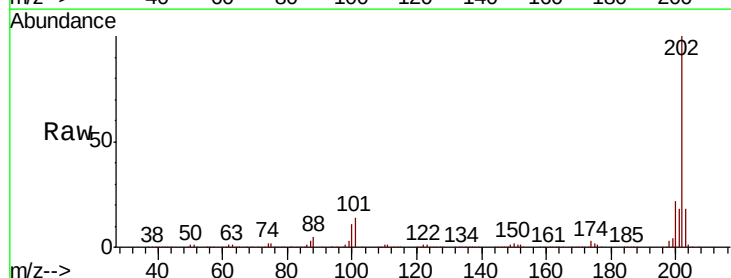
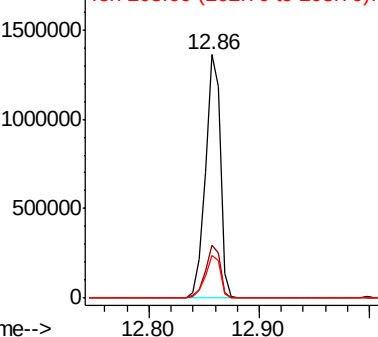
Delta R.T. -0.01 min

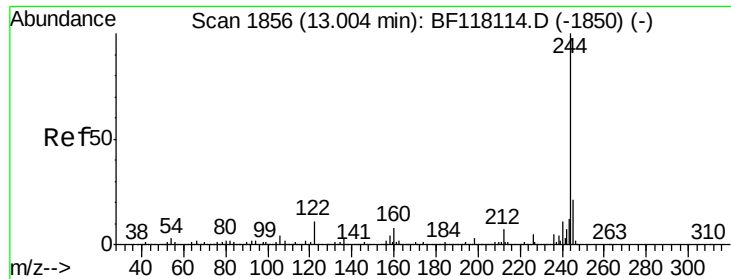
Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Tgt Ion:	202	Resp:	1293248
Ion Ratio	Lower	Upper	
202	100		
200	21.5	17.5	26.3
203	17.6	14.6	21.8

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





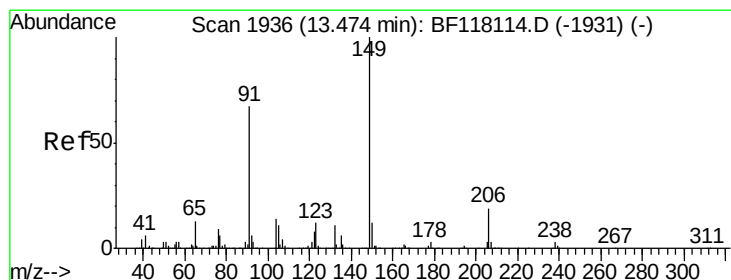
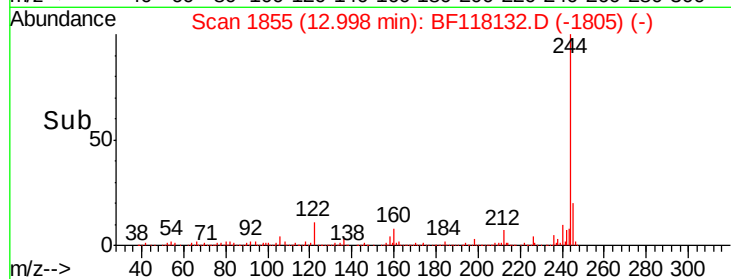
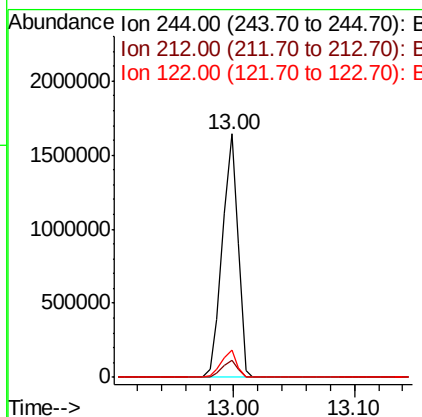
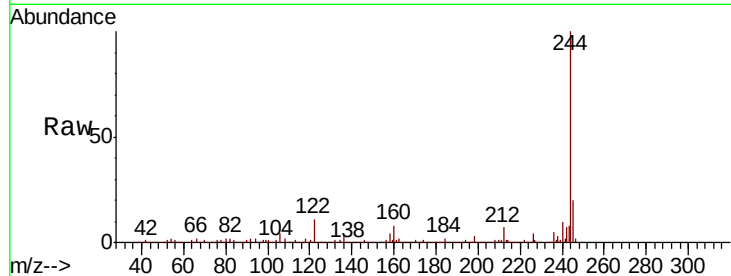
#79
Terphenyl-d14
Concen: 73.690 ng
RT: 13.00 min Scan# 1856
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.9	8.9
122	11.4	9.0	13.6

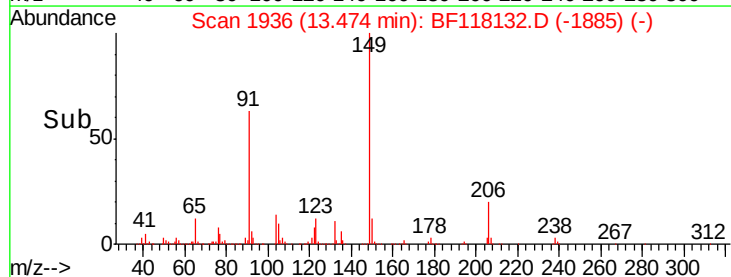
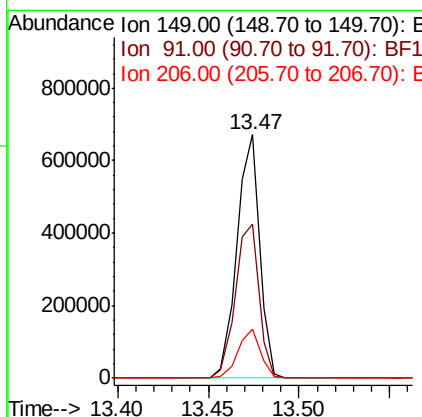
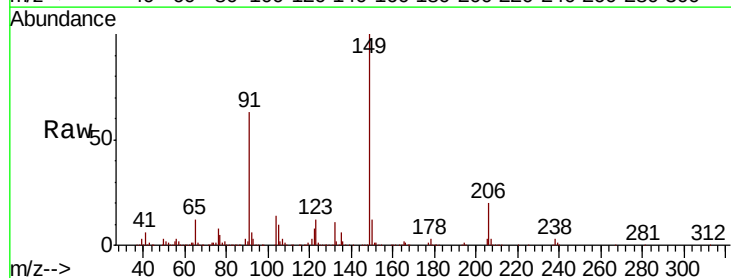
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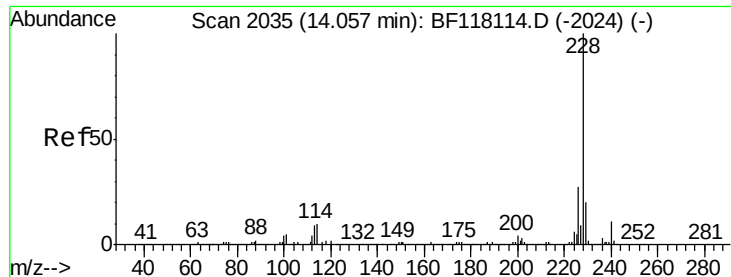
mohammad
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#80
Butylbenzylphthalate
Concen: 47.909 ng
RT: 13.47 min Scan# 1936
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.3	53.9	80.9
206	20.1	15.2	22.8





#81

Benzo(a)anthracene

Concen: 42.113 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

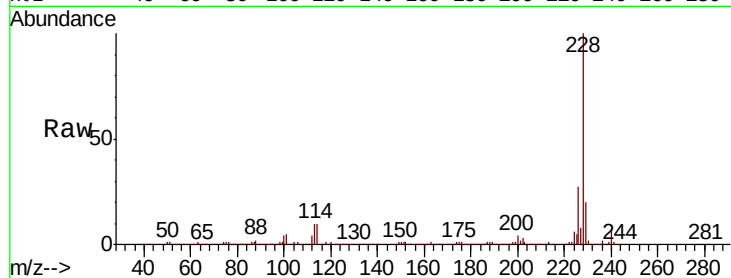
ClientSampleId :

CMJ-01-COMPMSD

Tot Ion:	228	Resp:	999012
Ion Ratio		Lower	Upper
228	100		
226	27.3	21.8	32.8
229	20.3	15.8	23.8

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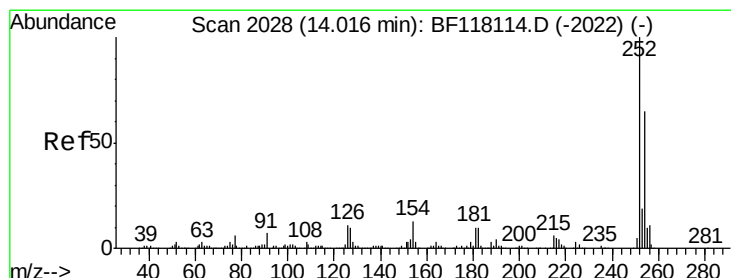
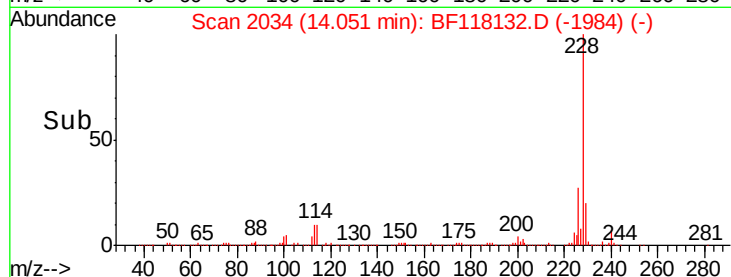
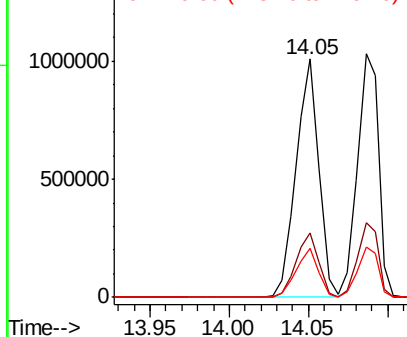


Abundance

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: 19.830 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

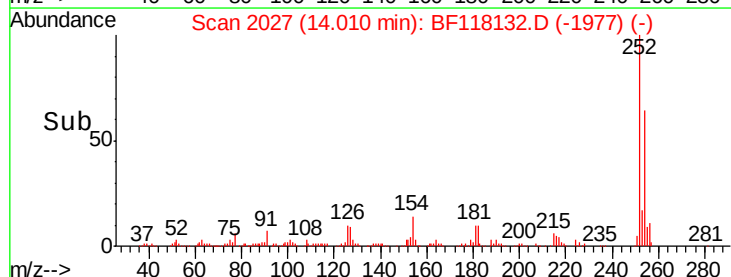
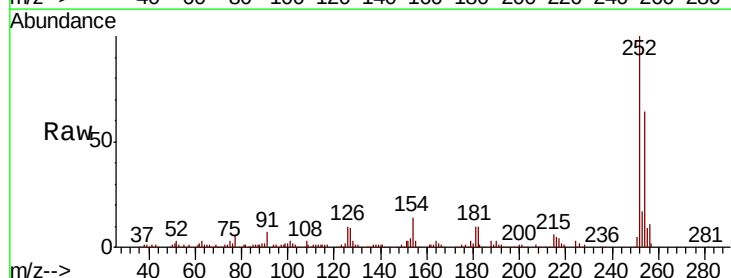
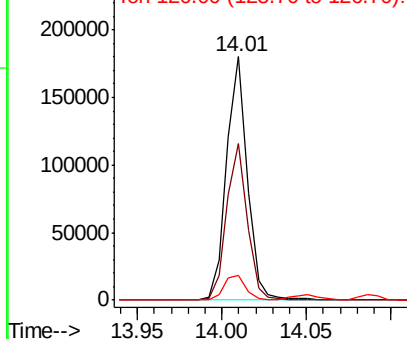
Tgt Ion:	252	Resp:	154490
Ion Ratio		Lower	Upper
252	100		
254	64.3	52.2	78.4
126	10.1	8.6	13.0

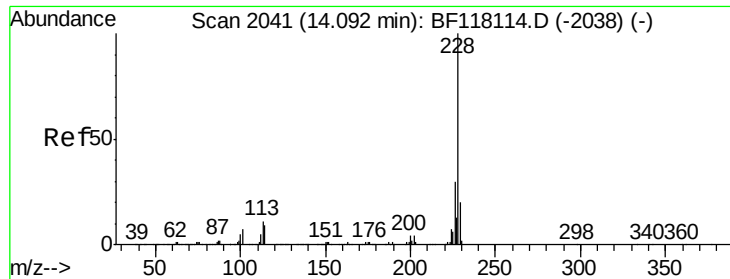
Abundance

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





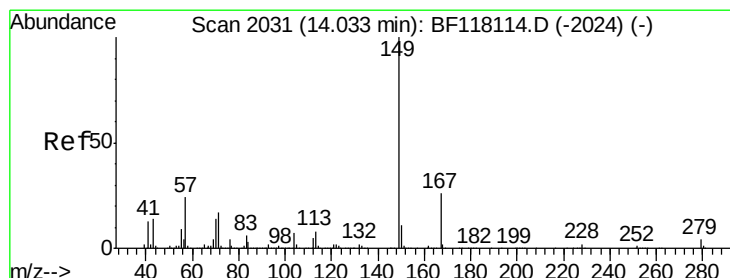
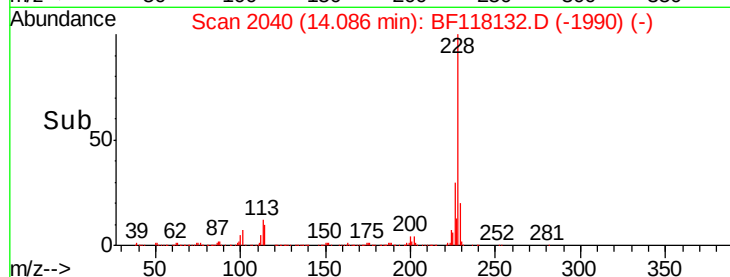
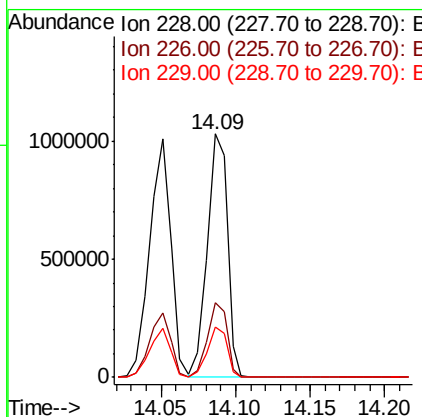
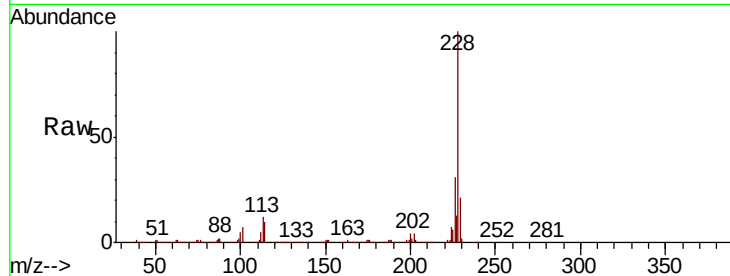
#83
Chrysene
Concen: 42.378 ng
RT: 14.09 min Scan# 2040
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.8
229	20.5	15.7	23.5

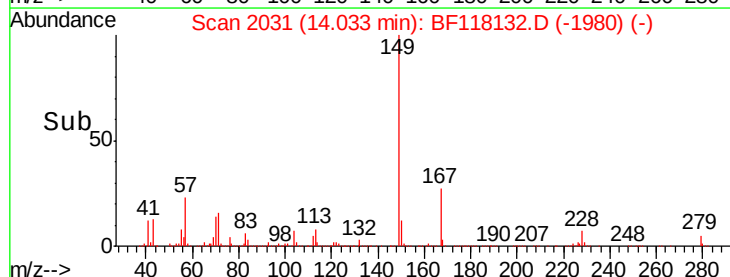
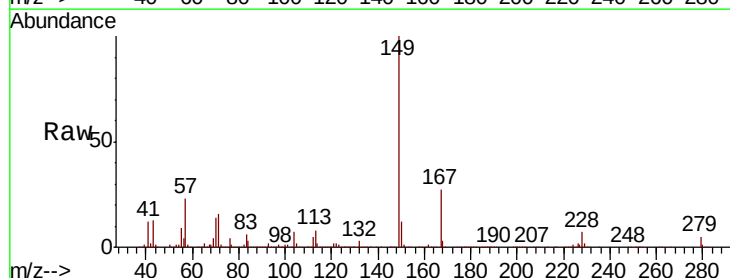
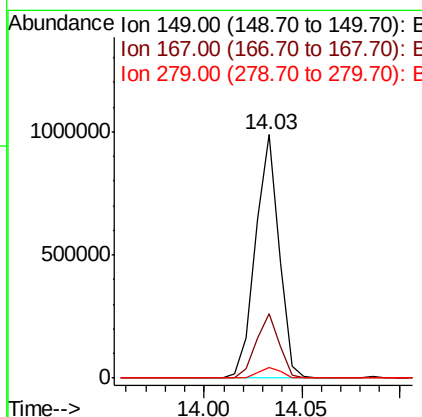
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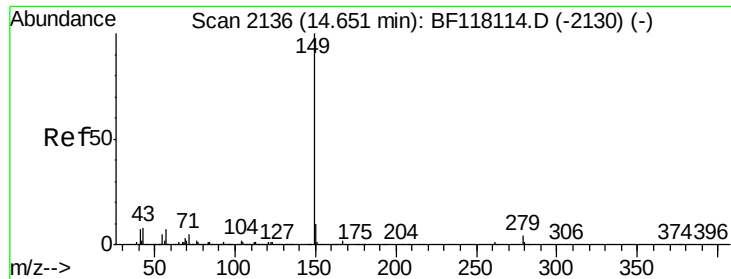
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.141 ng
RT: 14.03 min Scan# 2031
Delta R.T. 0.00 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.8	31.2
279	4.5	2.9	4.3#





#85

Di-n-octyl phthalate

Concen: 50.659 ng

RT: 14.64 min Scan# 2135

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

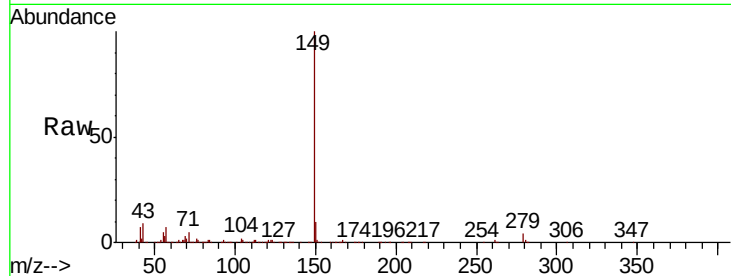
ClientSampleId :

CMJ-01-COMPMSD

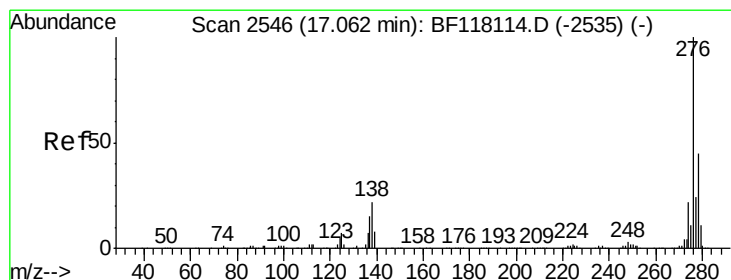
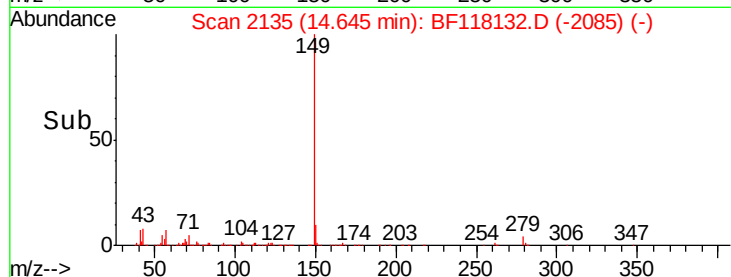
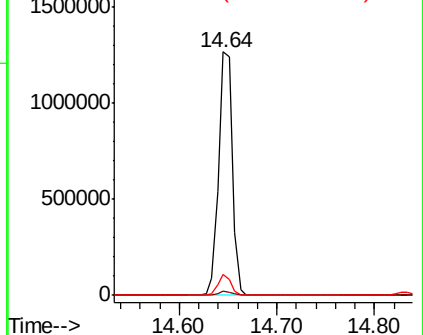
Tot Ion:	149	Resp:	1238931
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.9	6.5	9.7

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 50.927 ng

RT: 17.06 min Scan# 2546

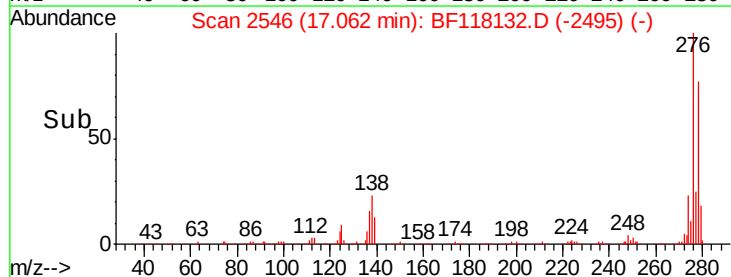
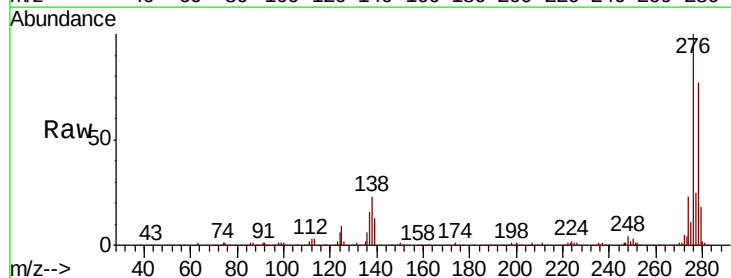
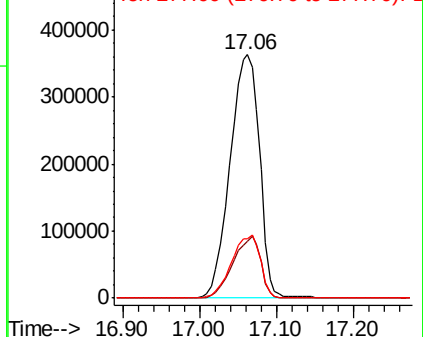
Delta R.T. 0.00 min

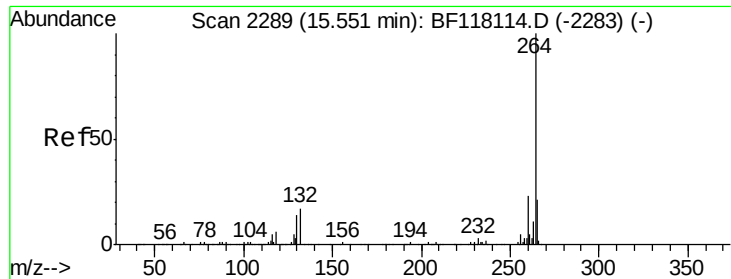
Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Tgt Ion:	276	Resp:	970982
Ion Ratio	Lower	Upper	
276	100		
138	24.0	18.9	28.3
277	25.5	20.4	30.6

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. -0.01 min

Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Instrument :

BNA_F

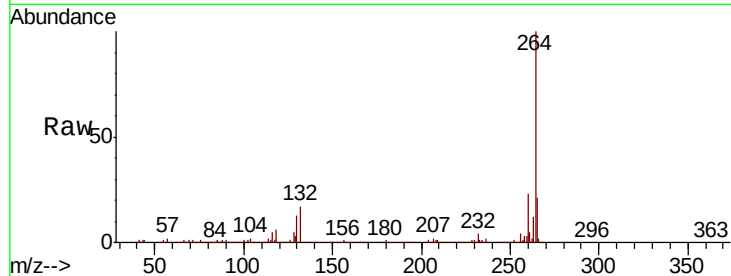
ClientSampleId :

CMJ-01-COMPMSD

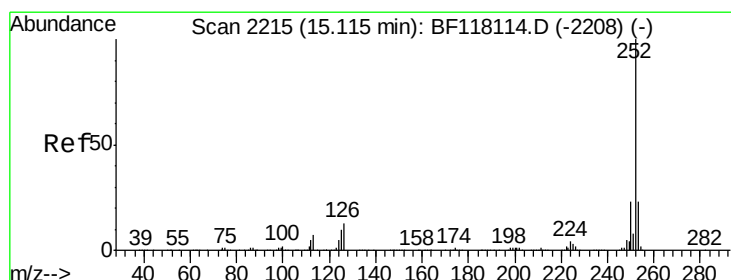
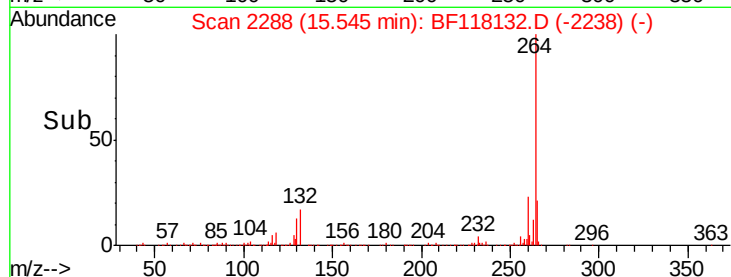
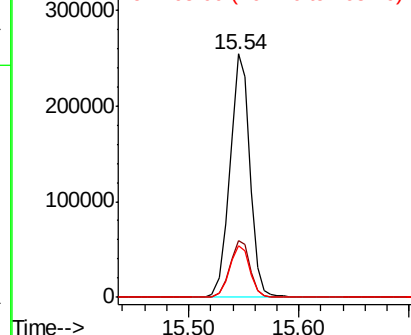
Tot Ion:	264	Resp:	322234
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.6	28.0
265	21.2	16.8	25.2

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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: 42.874 ng

RT: 15.11 min Scan# 2214

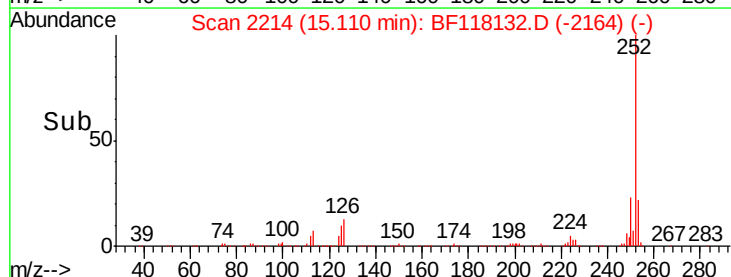
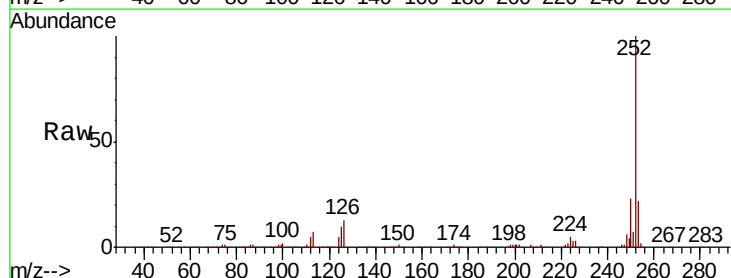
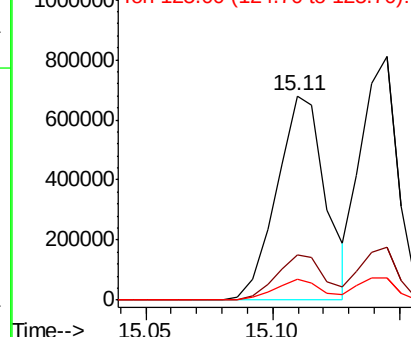
Delta R.T. -0.01 min

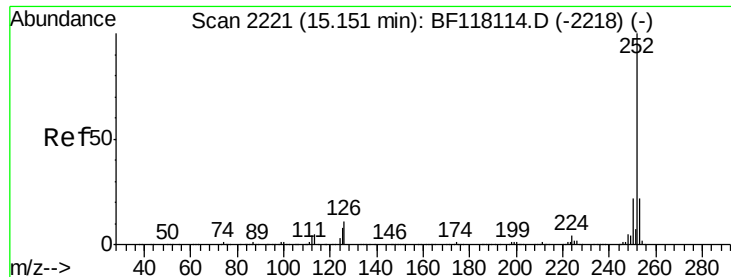
Lab File: BF118132.D

Acq: 7 Dec 2019 16:39

Tgt Ion:	252	Resp:	913715
Ion Ratio	Lower	Upper	
252	100		
253	22.2	18.2	27.4
125	10.4	8.3	12.5

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





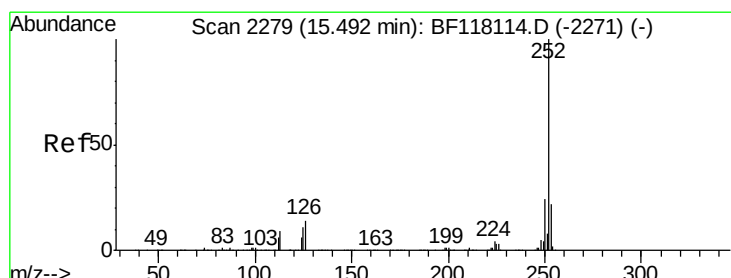
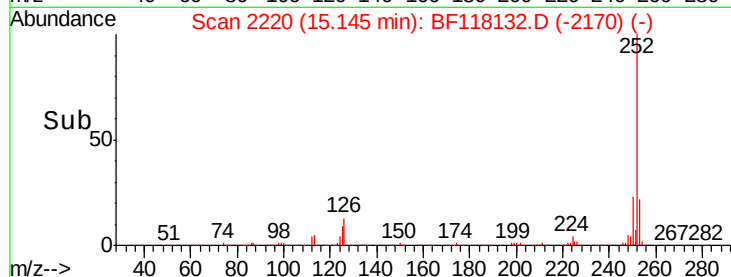
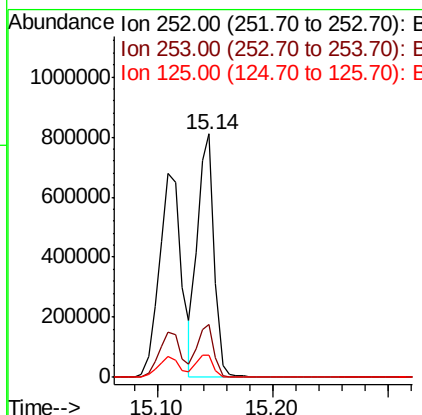
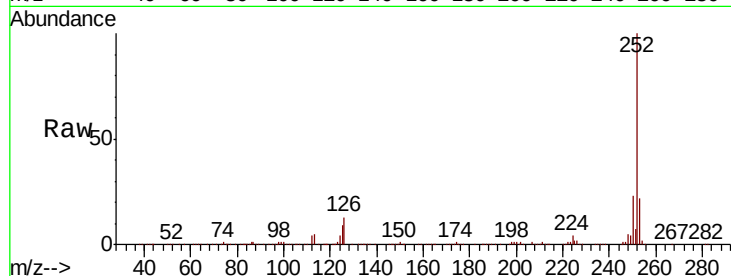
#89
Benzo(k)fluoranthene
Concen: 40.192 ng
RT: 15.14 min Scan# 2220
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.1	6.7	10.1

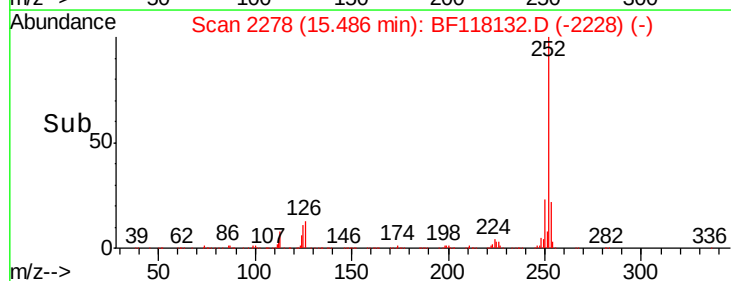
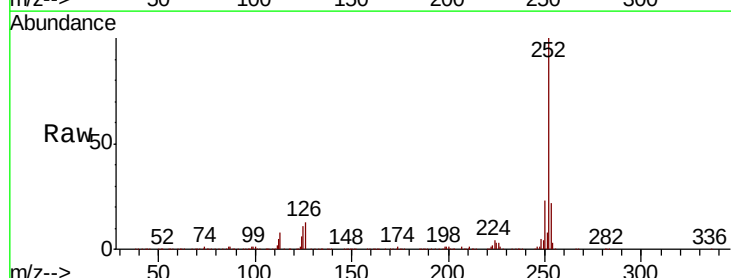
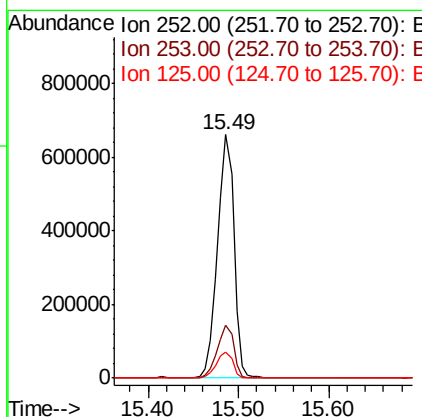
Manual Integrations
APPROVED

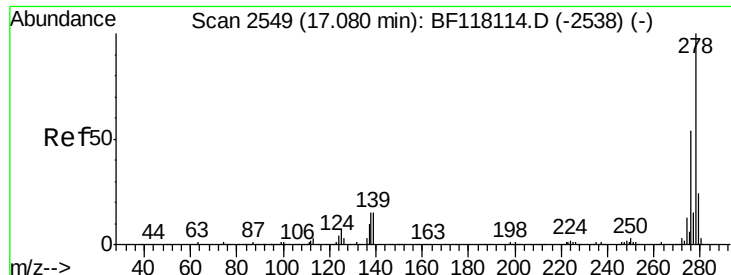
mohammad
12/10/2019 11:47:35 AM



#90
Benzo(a)pyrene
Concen: 44.167 ng
RT: 15.49 min Scan# 2278
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	10.9	9.1	13.7





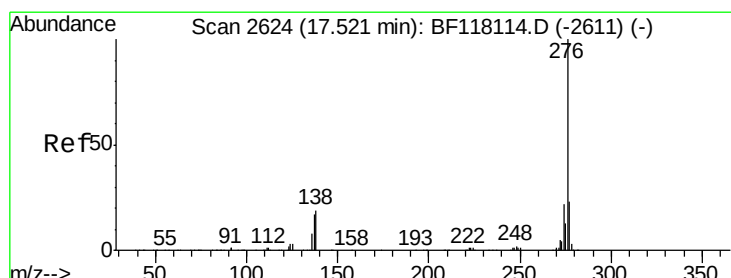
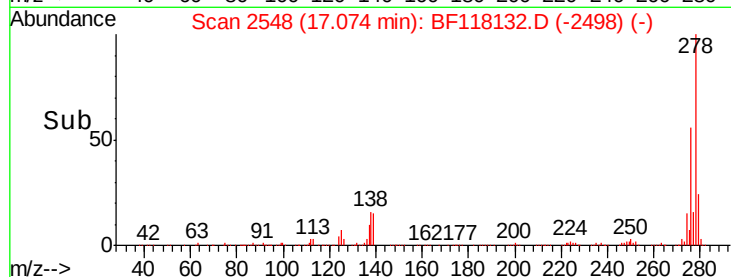
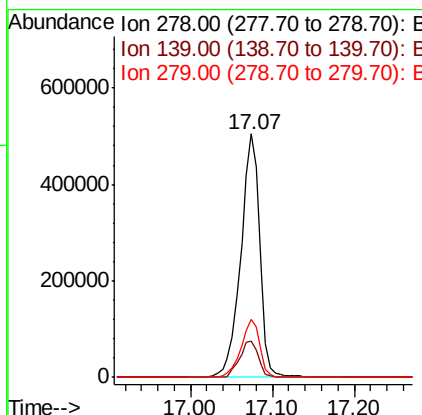
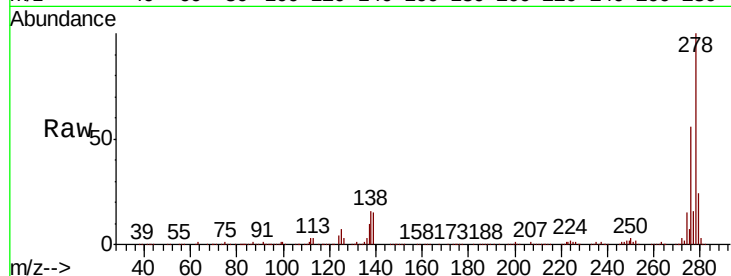
#91
Dibenzo(a,h)anthracene
Concen: 50.365 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Instrument :
BNA_F
ClientSampleId :
CMJ-01-COMPMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.7	17.5
279	23.6	19.0	28.4

Manual Integrations
APPROVED

mohammad
12/10/2019 11:47:35 AM



#92
Benzo(g,h,i)perylene
Concen: 52.890 ng
RT: 17.52 min Scan# 2623
Delta R.T. -0.01 min
Lab File: BF118132.D
Acq: 7 Dec 2019 16:39

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.2	27.4
138	19.4	15.5	23.3

