

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120619\
 Data File : BF118119.D
 Acq On : 6 Dec 2019 17:43
 Operator : JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120619

Manual Integrations
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mohammad
 12/9/2019 3:09:57 PM

Quant Time: Dec 06 18:12:26 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	6.87	152	144431	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	555337	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	296860	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	554395	20.00	ng	0.00
76) Chrysene-d12	14.07	240	411565	20.00	ng	0.00
87) Perylene-d12	15.56	264	379715	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	656235	79.58	ng	0.00
7) Phenol-d6	6.50	99	788481	79.05	ng	0.00
23) Nitrobenzene-d5	7.44	82	765940	77.59	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	274877	76.22	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	1510674	77.43	ng	0.00
79) Terphenyl-d14	13.00	244	1787577	74.69	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.62	88	134225	38.603	ng	99
3) Pyridine	3.39	79	359525	40.077	ng	99
4) n-Nitrosodimethylamine	3.34	42	153729	39.835	ng	98
6) Aniline	6.53	93	517177	40.535	ng	99
8) 2-Chlorophenol	6.66	128	368167	39.595	ng	98
9) Benzaldehyde	6.42	77	209658	40.676	ng	95
10) Phenol	6.52	94	456050	40.093	ng	100
11) bis(2-Chloroethyl)ether	6.60	93	322888	39.248	ng	98
12) 1,3-Dichlorobenzene	6.82	146	429294	39.522	ng	97
13) 1,4-Dichlorobenzene	6.89	146	434106	39.689	ng	97
14) 1,2-Dichlorobenzene	7.05	146	406303	39.556	ng	99
15) Benzyl Alcohol	7.02	79	311899	40.060	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.15	45	397464	40.182	ng	99
17) 2-Methylphenol	7.13	107	294601	39.835	ng	98
18) Hexachloroethane	7.39	117	159464	39.566	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	239207	39.468	ng	99
20) 3+4-Methylphenols	7.28	107	378635	40.760	ng	# 88
22) Acetophenone	7.29	105	521536	39.090	ng	# 93
24) Nitrobenzene	7.46	77	376342	38.804	ng	97
25) Isophorone	7.70	82	639524	38.217	ng	99
26) 2-Nitrophenol	7.77	139	203232	39.206	ng	97
27) 2,4-Dimethylphenol	7.81	122	267621	38.704	ng	99
28) bis(2-Chloroethoxy)methane	7.90	93	421102	38.511	ng	99
29) 2,4-Dichlorophenol	8.02	162	315422	39.131	ng	97
30) 1,2,4-Trichlorobenzene	8.10	180	365990	38.851	ng	98
31) Naphthalene	8.19	128	1089713	39.071	ng	99
32) Benzoic acid	7.94	122	246482	39.481	ng	97
33) 4-Chloroaniline	8.23	127	467465	38.817	ng	97
34) Hexachlorobutadiene	8.30	225	220603	39.053	ng	99
35) Caprolactam	8.60	113	97619	39.270	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	326419	38.480	ng	95
37) 2-Methylnaphthalene	8.87	142	733219	38.832	ng	99
38) 1-Methylnaphthalene	8.97	142	697483	39.341	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	345180	38.383	ng	99

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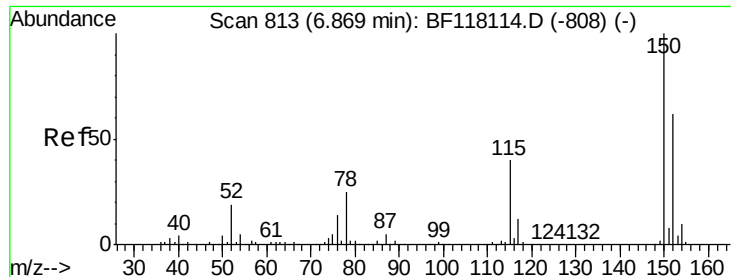
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	152431	37.831	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	230890	38.453	nq	97
44) 2,4,5-Trichlorophenol	9.20	196	240475	38.656	nq	95
46) 1,1'-Biphenyl	9.34	154	903927	38.608	nq	100
47) 2-Chloronaphthalene	9.37	162	725322	38.512	nq	98
48) 2-Nitroaniline	9.46	65	210441	39.182	nq	97
49) Acenaphthylene	9.79	152	1089114	39.207	nq	99
50) Dimethylphthalate	9.65	163	833158	37.996	nq	99
51) 2,6-Dinitrotoluene	9.70	165	185099	38.821	nq	94
52) Acenaphthene	9.96	154	650403	38.361	nq	99
53) 3-Nitroaniline	9.88	138	217150	38.700	nq	95
54) 2,4-Dinitrophenol	9.99	184	92859	39.146	nq	92
55) Dibenzofuran	10.13	168	962409	38.739	nq	99
56) 4-Nitrophenol	10.04	139	155119	39.834	nq	92
57) 2,4-Dinitrotoluene	10.12	165	247870	38.949	nq	# 92
58) Fluorene	10.47	166	763249	38.659	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	198905	38.756	nq	98
60) Diethylphthalate	10.35	149	842092	38.979	nq	98
61) 4-Chlorophenyl-phenylether	10.46	204	379821	38.235	nq	95
62) 4-Nitroaniline	10.49	138	230739	39.428	nq	98
63) Azobenzene	10.63	77	713024	38.662	nq	95
65) 4,6-Dinitro-2-methylphenol	10.53	198	120144	39.241	nq	85
66) n-Nitrosodiphenylamine	10.58	169	670338	38.719	nq	100
67) 4-Bromophenyl-phenylether	10.96	248	243093	38.412	nq	94
68) Hexachlorobenzene	11.03	284	292253	39.235	nq	# 91
69) Atrazine	11.11	200	189569	39.323	nq	98
70) Pentachlorophenol	11.22	266	137923	39.373	nq	97
71) Phenanthrene	11.44	178	1155766	39.217	nq	100
72) Anthracene	11.49	178	1144116	38.916	nq	99
73) Carbazole	11.65	167	1026644	38.921	nq	100
74) Di-n-butylphthalate	11.97	149	1276889	38.679	nq	99
75) Fluoranthene	12.63	202	1174732	38.987	nq	98
77) Benzidine	12.75	184	423308	39.070	nq	98
78) Pyrene	12.86	202	1198759	36.961	nq	100
80) Butylbenzylphthalate	13.48	149	543698	37.015	nq	96
81) Benzo(a)anthracene	14.06	228	1087986	38.231	nq	99
82) 3,3'-Dichlorobenzidine	14.02	252	353336	37.805	nq	99
83) Chrysene	14.10	228	1039963	38.256	nq	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	738089	38.108	nq	99
85) Di-n-octyl phthalate	14.66	149	1173471	39.996	nq	100
86) Indeno(1,2,3-cd)pyrene	17.07	276	834255	36.473	nq	100
88) Benzo(b)fluoranthene	15.12	252	958264	38.158	nq	98
89) Benzo(k)fluoranthene	15.15	252	957234m	39.678	nq	
90) Benzo(a)pyrene	15.50	252	855495	38.571	nq	98
91) Dibenzo(a,h)anthracene	17.09	278	691133	36.330	nq	99
92) Benzo(g,h,i)perylene	17.53	276	651596	35.644	nq	99

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



#1

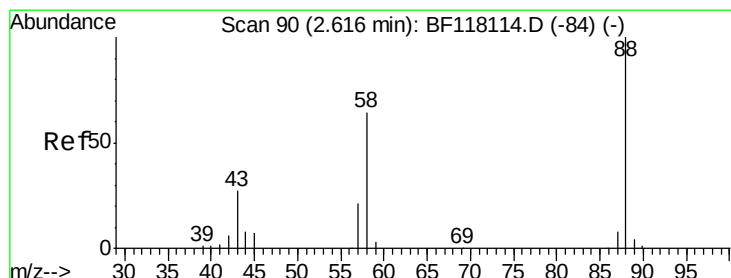
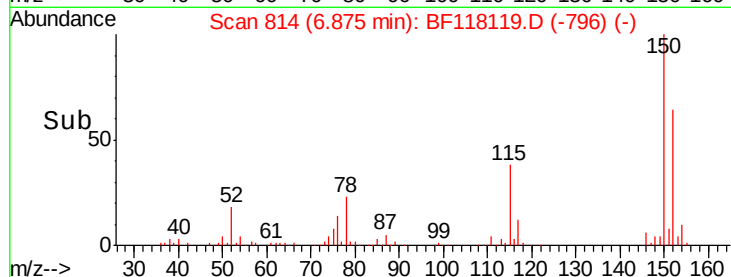
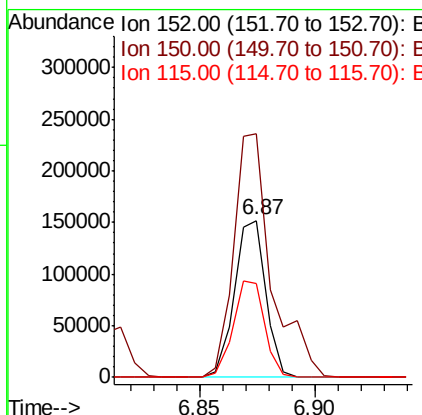
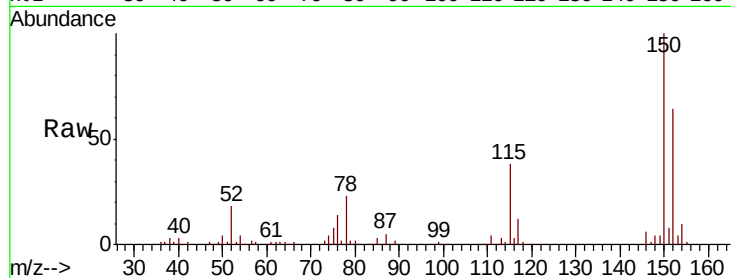
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 814
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	128.3	192.5
115	59.7	51.1	76.7

Manual Integrations
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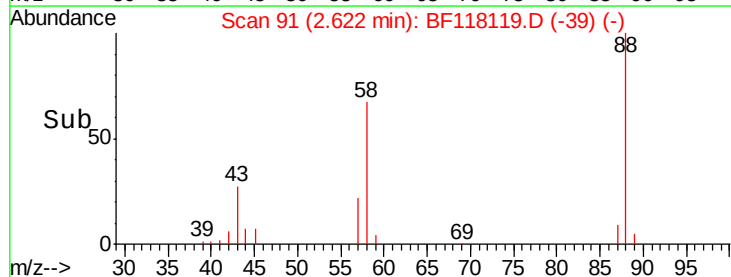
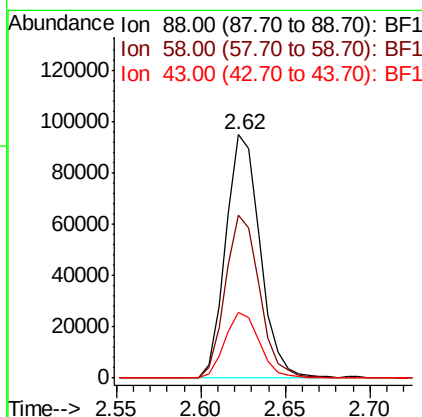
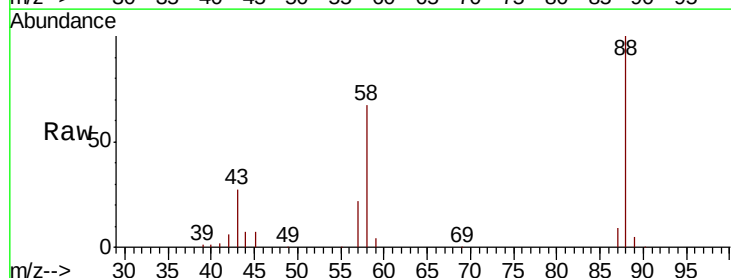
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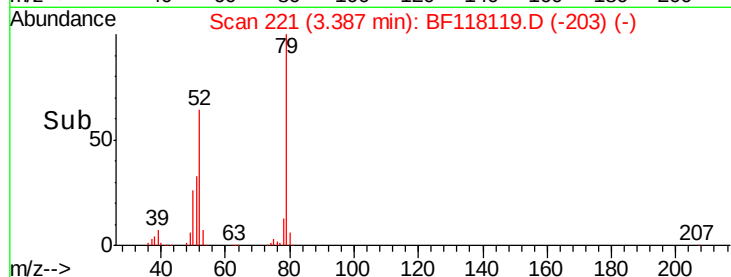
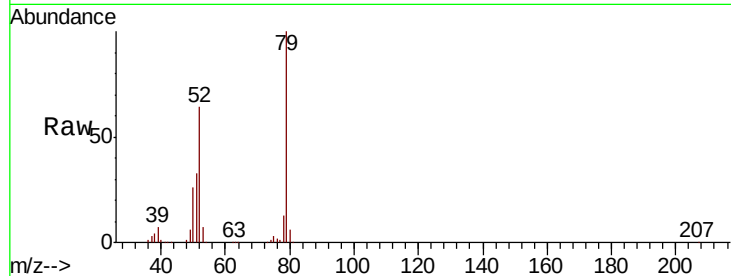
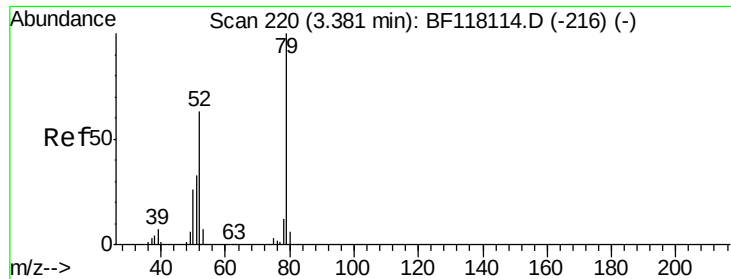


#2

1,4-Dioxane
Concen: 38.603 ng
RT: 2.62 min Scan# 91
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	66.6	52.2	78.4
43	27.1	21.4	32.2





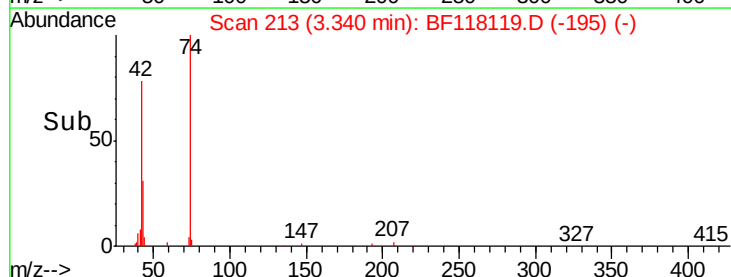
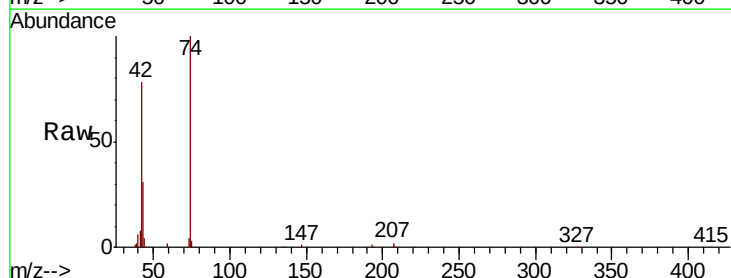
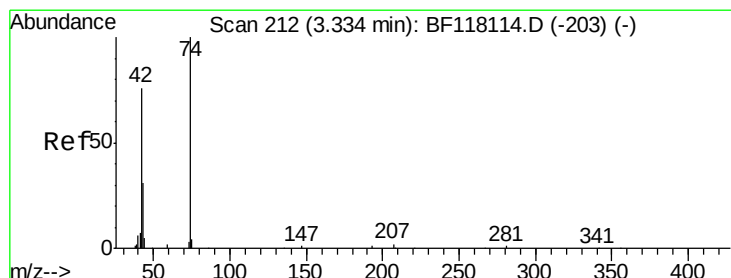
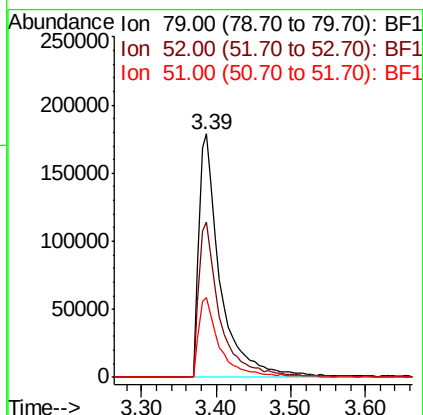
#3
Pvridine
Concen: 40.077 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tot Ion	Ratio	Resp	Lower	Upper
79	100	359525		
52	64.0		50.7	76.1
51	32.8		26.4	39.6

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

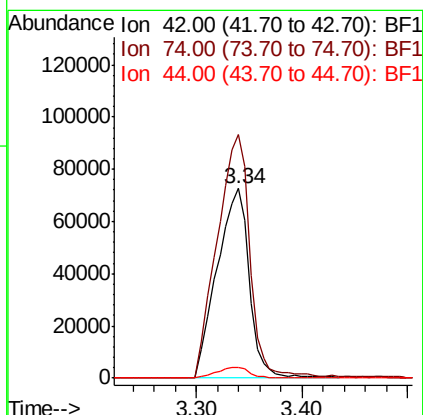
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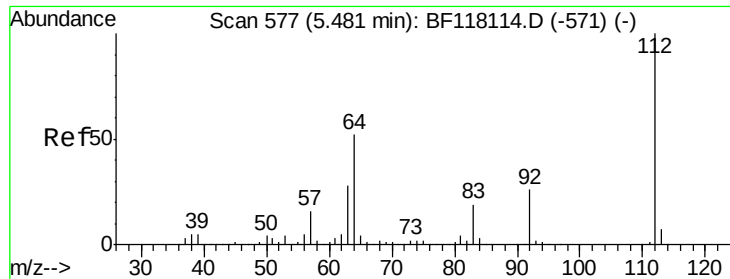
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#4
n-Nitrosodimethylamine
Concen: 39.835 ng
RT: 3.34 min Scan# 213
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	153729		
74	128.5		104.6	157.0
44	5.7		5.1	7.7





#5

2-Fluorophenol

Concen: 79.579 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

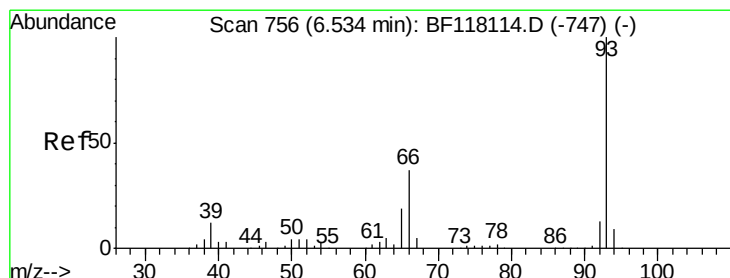
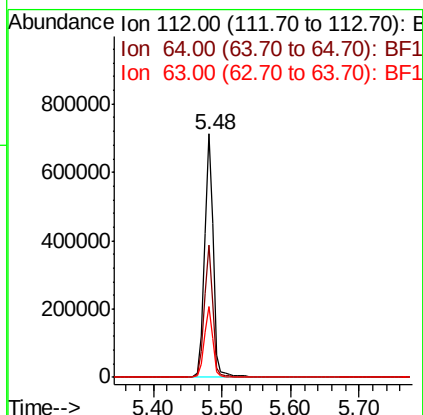
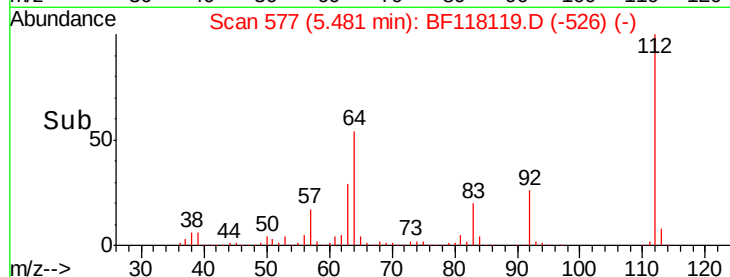
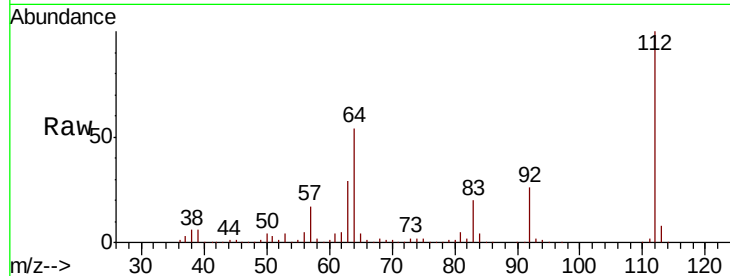
ClientSampleId :

ICVBF120619

Tot Ion:	112	Resp:	656235
Ion Ratio	Lower	Upper	
112	100		
64	54.2	41.3	61.9
63	29.3	22.4	33.6

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#6

Aniline

Concen: 40.535 ng

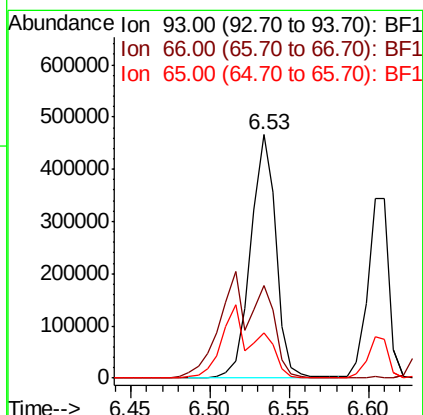
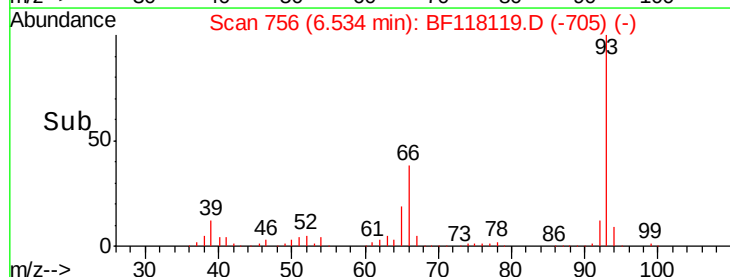
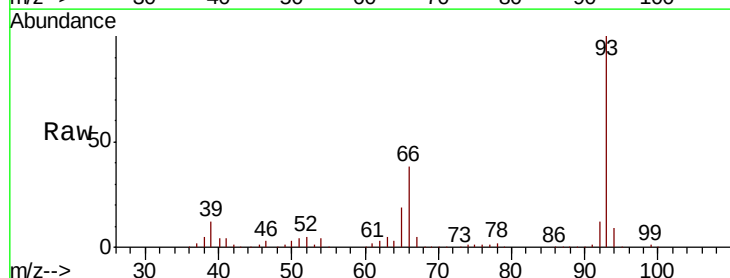
RT: 6.53 min Scan# 756

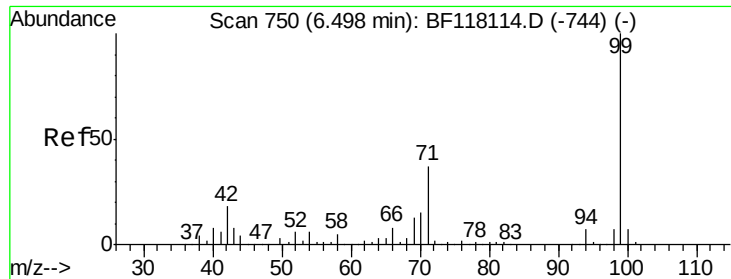
Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:	93	Resp:	517177
Ion Ratio	Lower	Upper	
93	100		
66	38.3	30.2	45.2
65	18.8	15.5	23.3





#7

Phenol-d6

Concen: 79.053 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

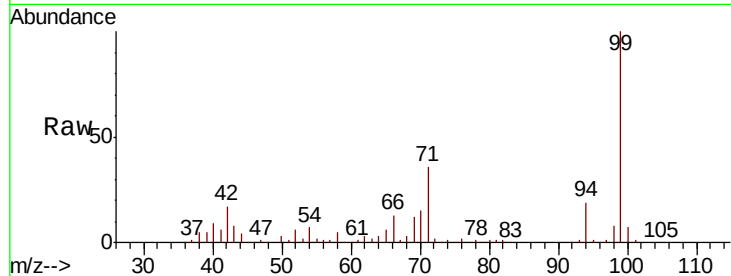
ClientSampleId :

ICVBF120619

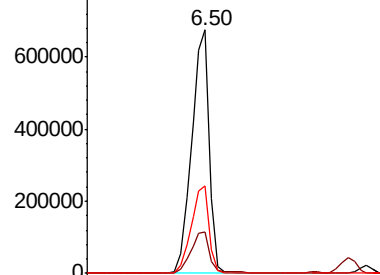
Tot Ion:	99	Resp:	788481
Ion Ratio	Lower	Upper	
99	100		
42	17.2	14.1	21.1
71	35.7	29.7	44.5

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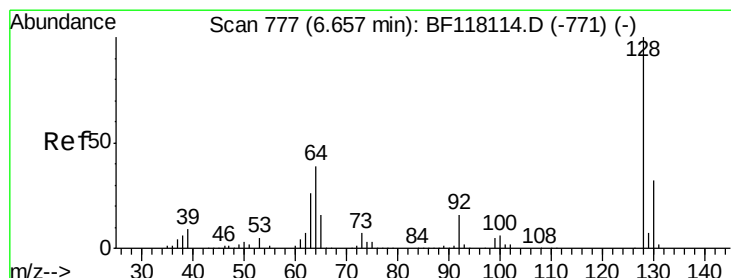
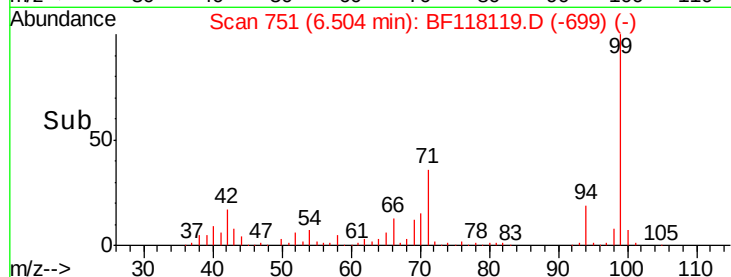
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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



Time-->



#8

2-Chlorophenol

Concen: 39.595 ng

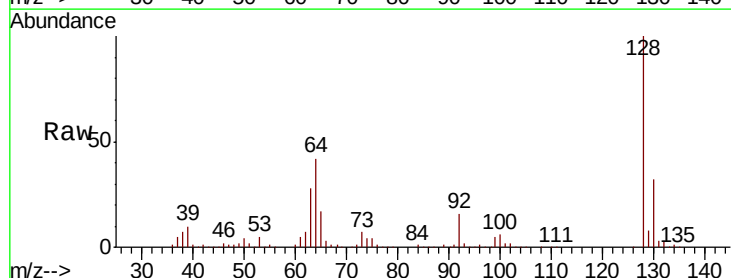
RT: 6.66 min Scan# 777

Delta R.T. -0.00 min

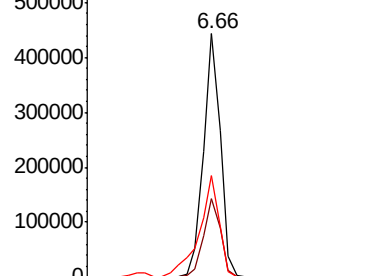
Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

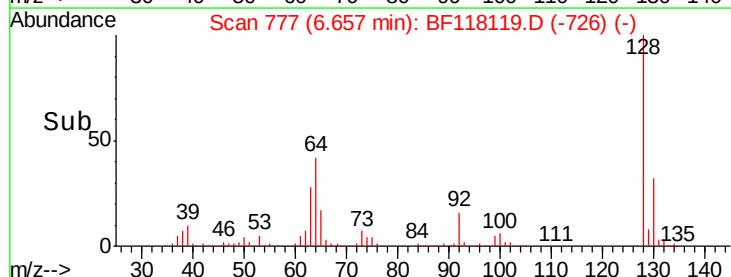
Tgt Ion:	128	Resp:	368167
Ion Ratio	Lower	Upper	
128	100		
130	32.2	12.1	52.1
64	41.6	19.3	59.3

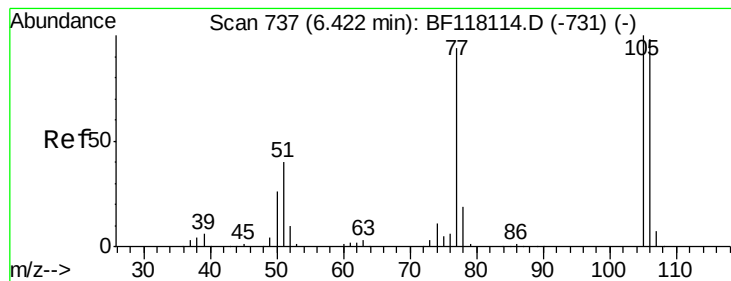


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1



Time-->





#9

Benzaldehyde

Concen: 40.676 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

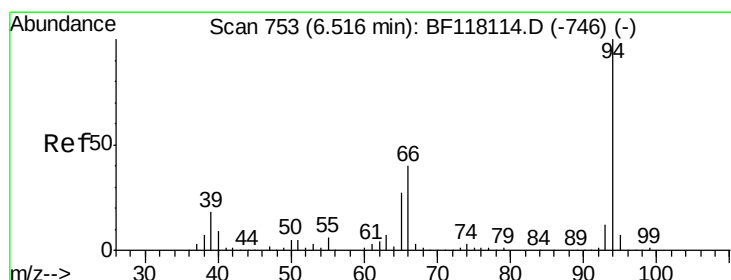
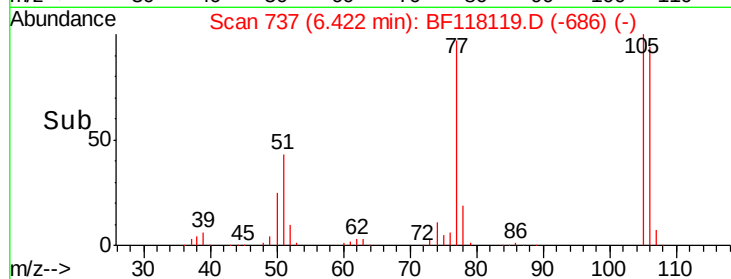
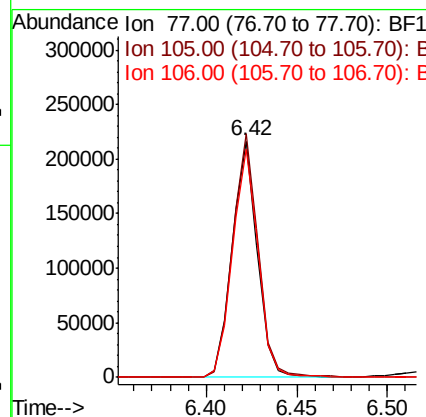
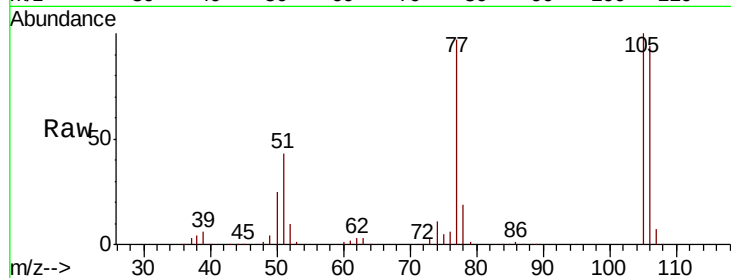
ClientSampleId :

ICVBF120619

Tot Ion:	77	Resp:	209658
Ion	Ratio	Lower	Upper
77	100		
105	103.1	86.4	126.4
106	96.9	83.8	123.8

Manual Integrations
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#10

Phenol

Concen: 40.093 ng

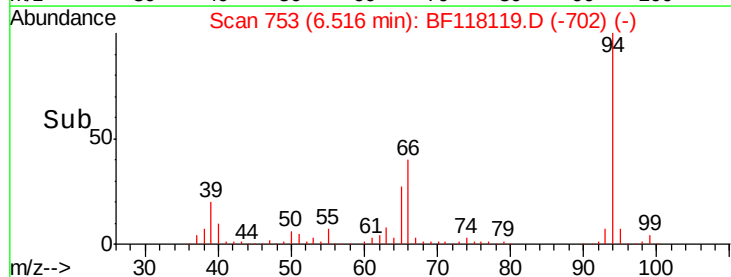
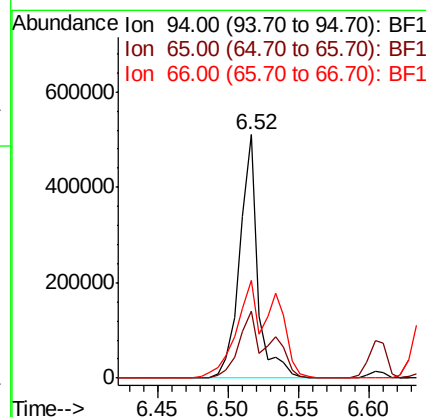
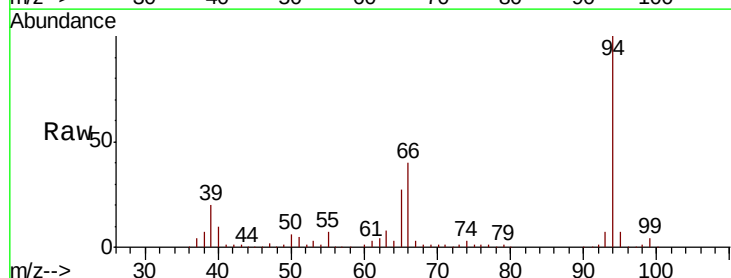
RT: 6.52 min Scan# 753

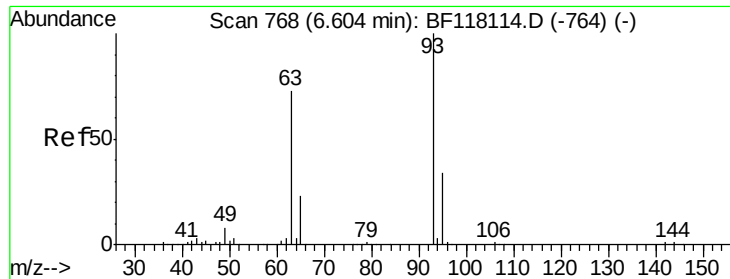
Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:	94	Resp:	456050
Ion	Ratio	Lower	Upper
94	100		
65	27.4	7.3	47.3
66	40.1	20.2	60.2





#11

bis(2-Chloroethyl)ether

Concen: 39.248 ng

RT: 6.60 min Scan# 768

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

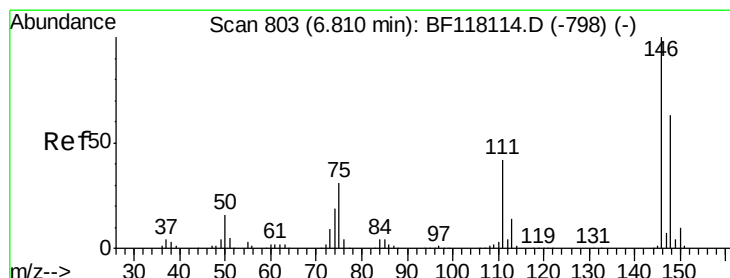
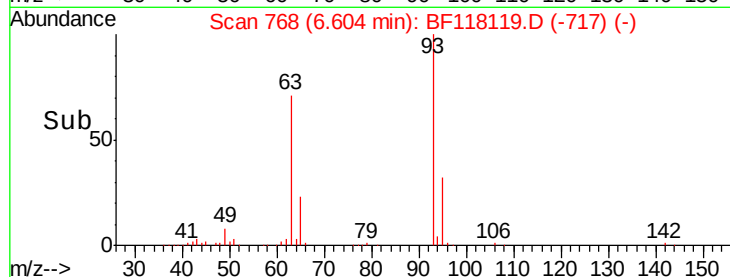
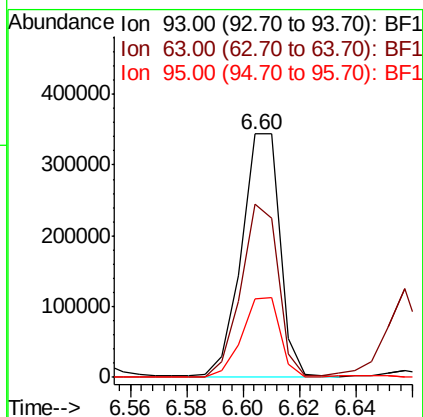
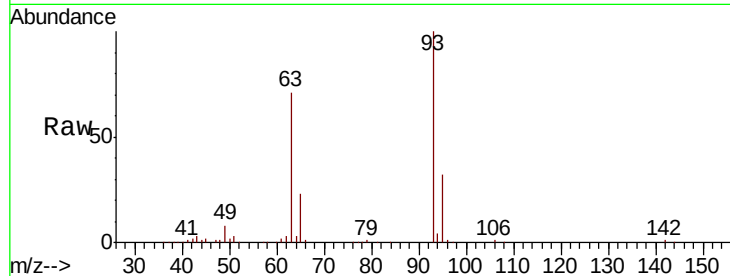
ClientSampleId :

ICVBF120619

Tot Ion:	93	Resp:	322888
Ion	Ratio	Lower	Upper
93	100		
63	71.3	53.2	93.2
95	32.5	13.8	53.8

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#12

1,3-Dichlorobenzene

Concen: 39.522 ng

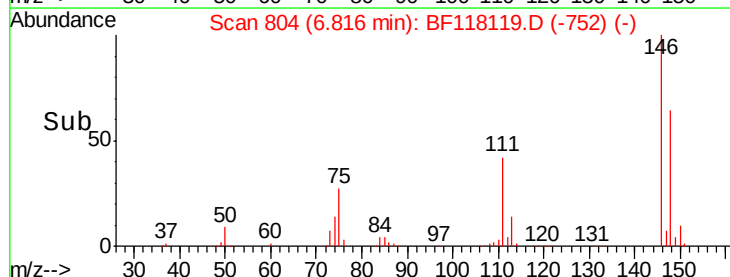
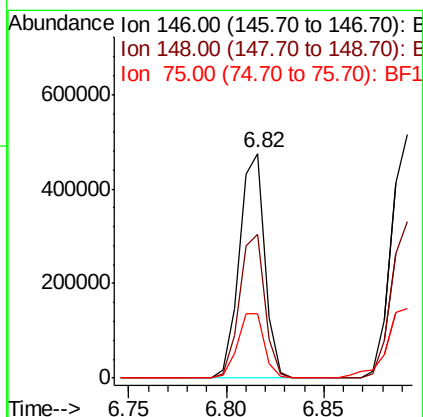
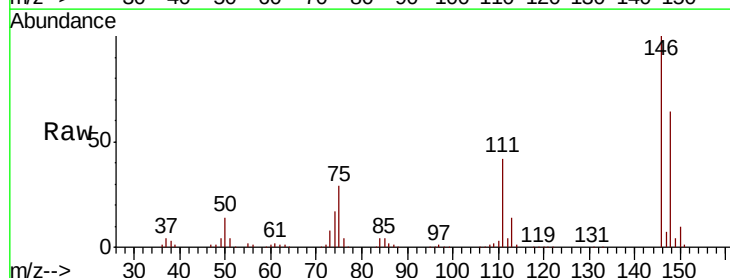
RT: 6.82 min Scan# 804

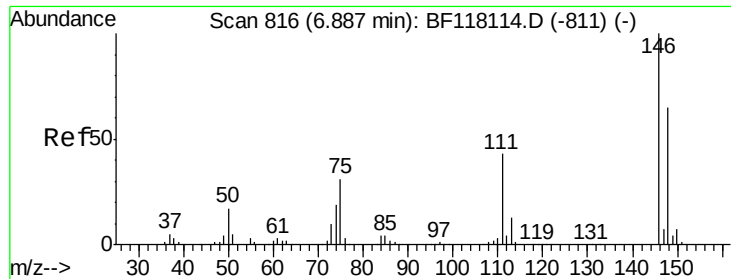
Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:	146	Resp:	429294
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.4
75	28.5	24.6	37.0





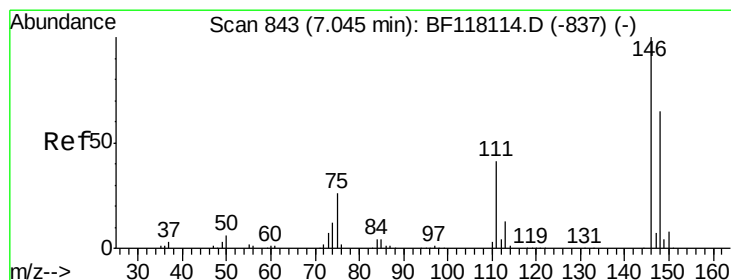
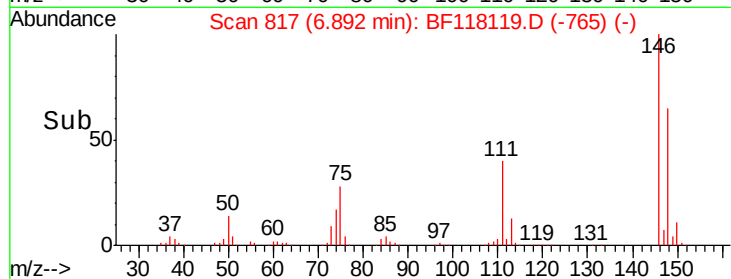
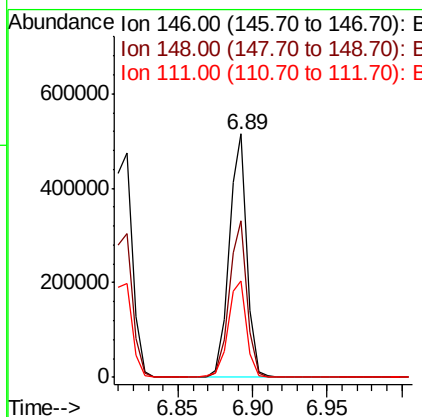
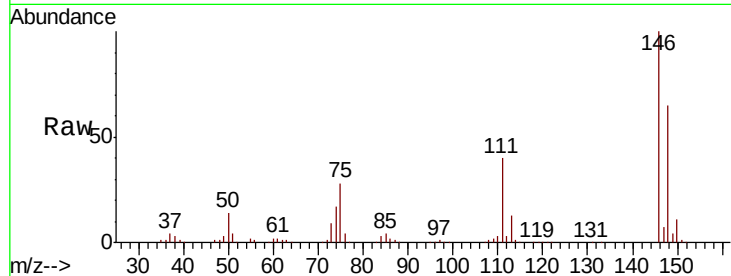
#13
 1,4-Dichlorobenzene
 Concen: 39.689 ng
 RT: 6.89 min Scan# 817
 Delta R.T. 0.01 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120619

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	52.1	78.1
111	39.6	34.6	52.0

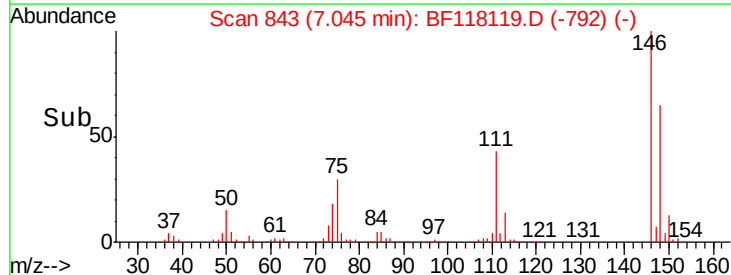
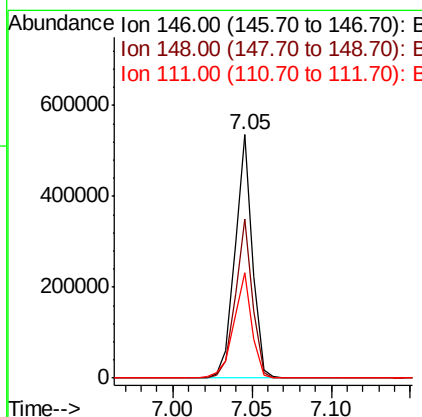
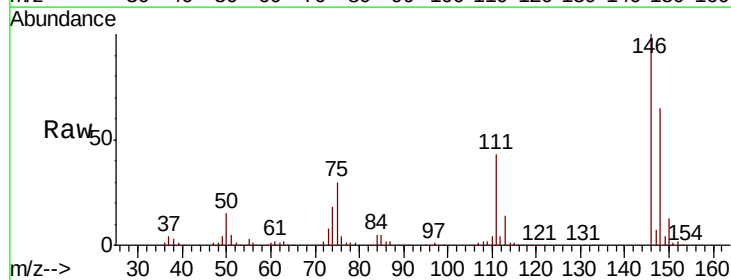
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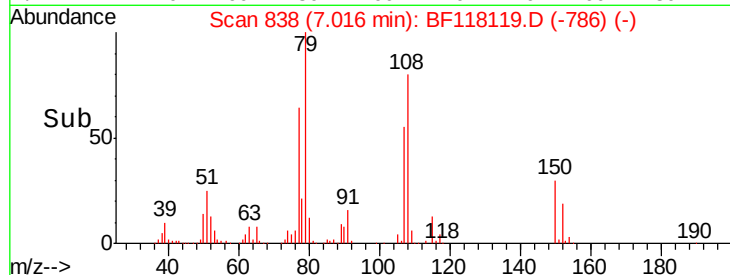
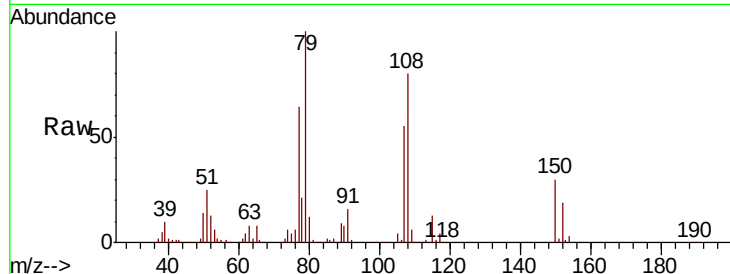
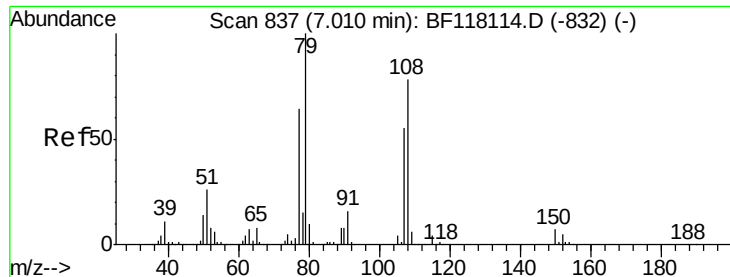
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#14
 1,2-Dichlorobenzene
 Concen: 39.556 ng
 RT: 7.05 min Scan# 843
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	52.2	78.2
111	43.3	33.1	49.7





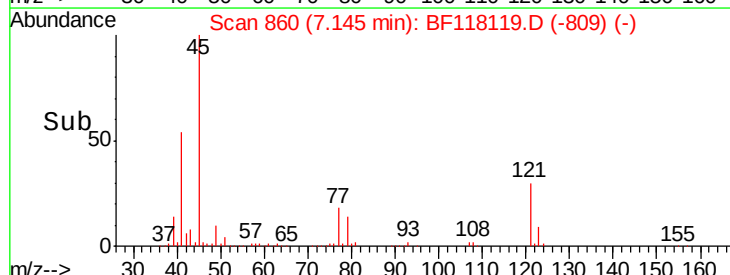
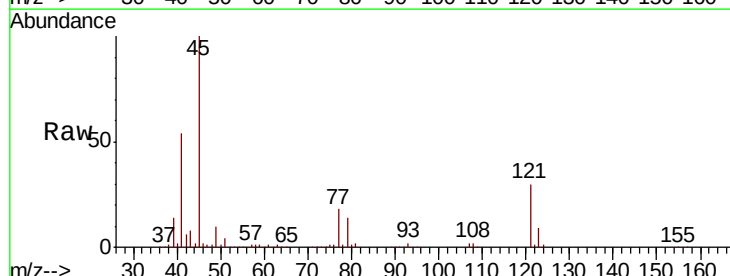
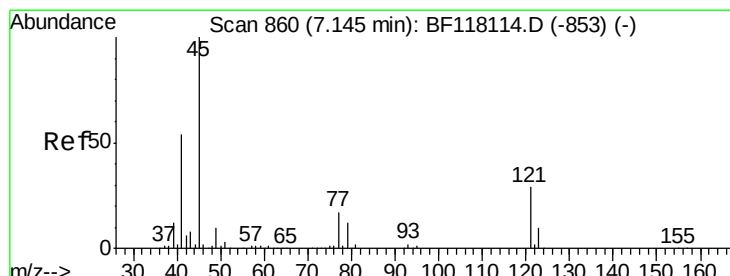
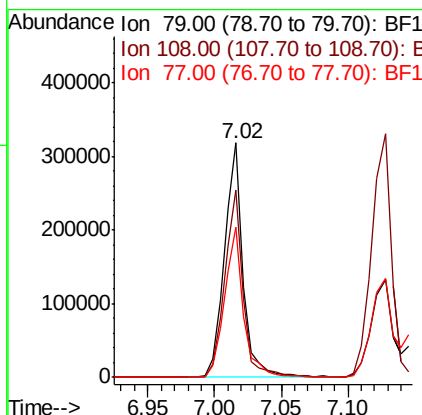
#15
Benzyl Alcohol
Concen: 40.060 ng
RT: 7.02 min Scan# 838
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tot Ion	Ratio	Lower	Upper
79	100		
108	80.1	62.7	94.1
77	64.1	51.4	77.2

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

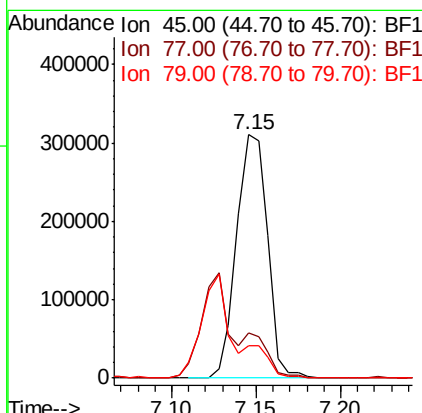
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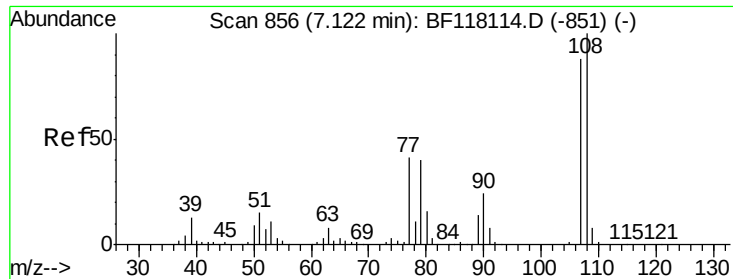
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.182 ng
RT: 7.15 min Scan# 860
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	18.5	0.0	38.0
79	13.5	0.0	33.2





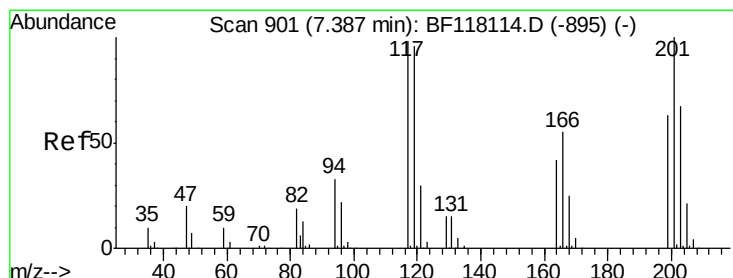
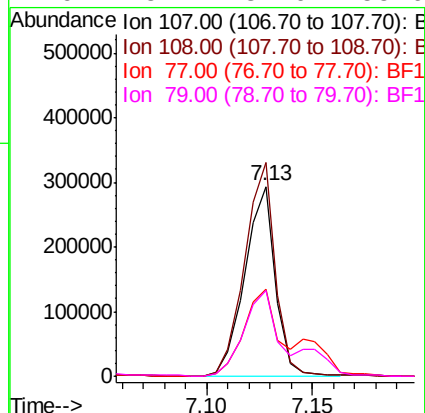
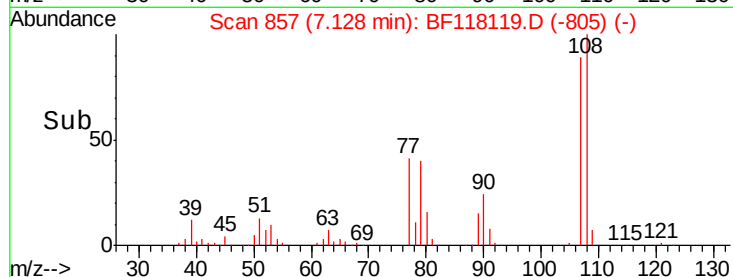
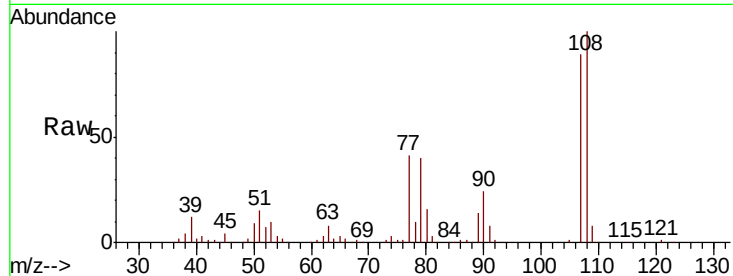
#17
2-Methylphenol
Concen: 39.835 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Resp	Lower	Upper
107	100	294601		
108	112.6	91.1	136.7	
77	45.8	37.8	56.6	
79	45.1	37.0	55.6	

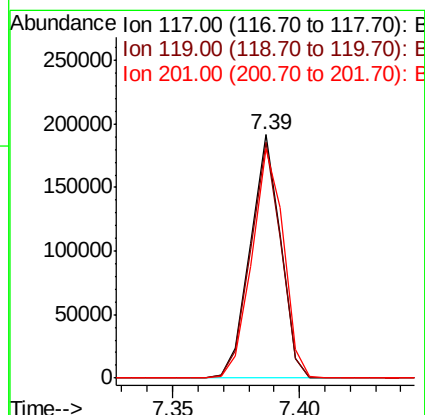
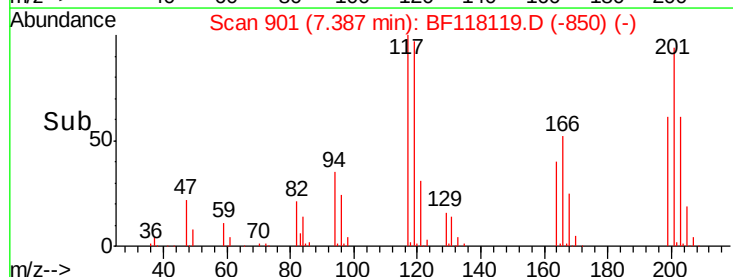
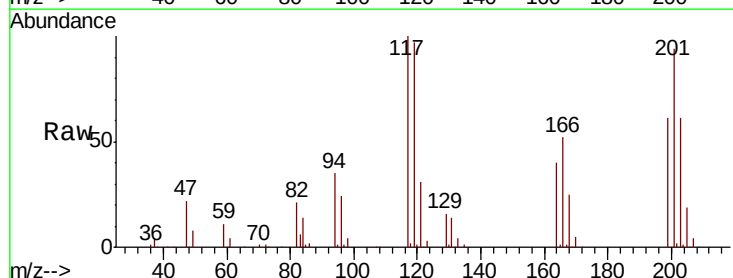
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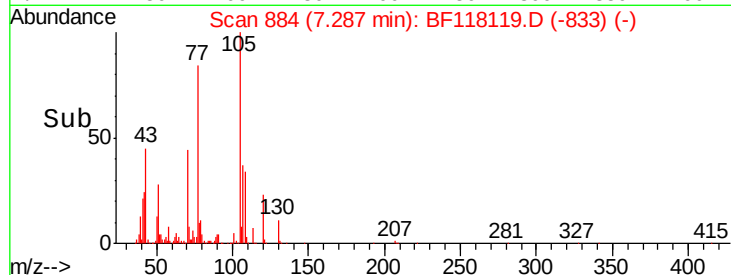
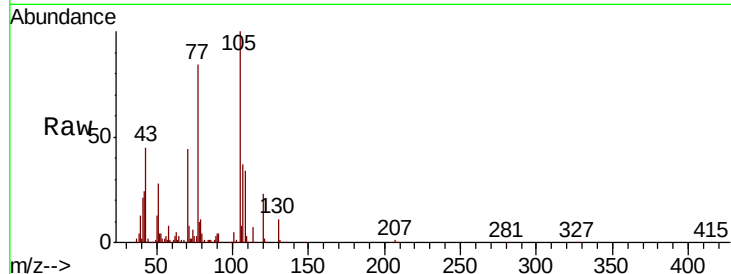
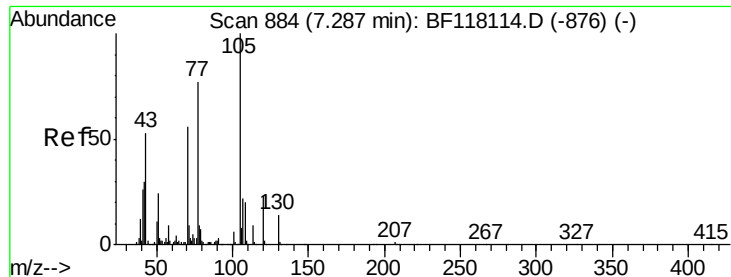
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#18
Hexachloroethane
Concen: 39.566 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	159464		
119	96.8	78.2	117.4	
201	94.1	81.6	122.4	





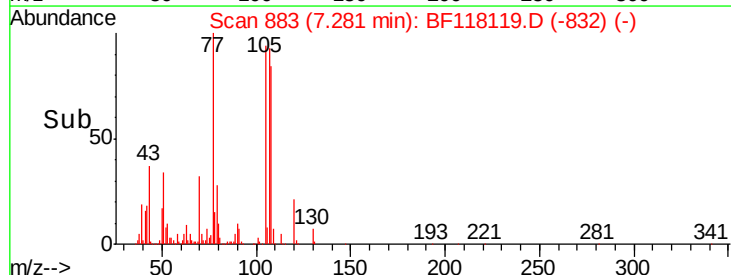
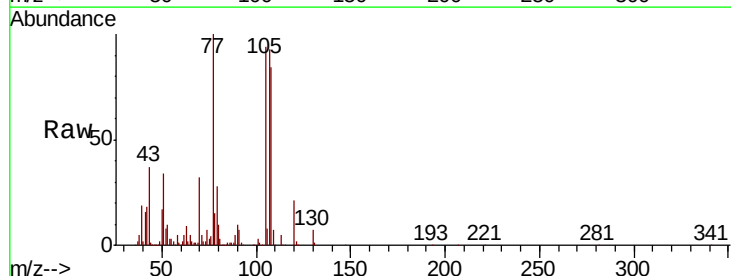
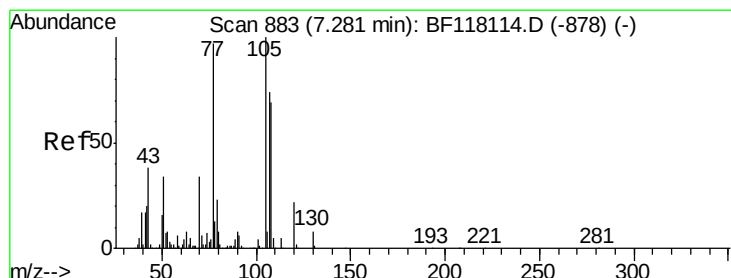
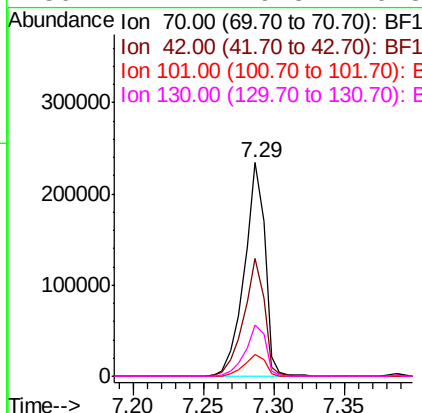
#19
n-Nitroso-di-n-propylamine
Concen: 39.468 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
70	100		
42	55.2	43.2	64.8
101	10.5	8.1	12.1
130	24.2	19.8	29.8

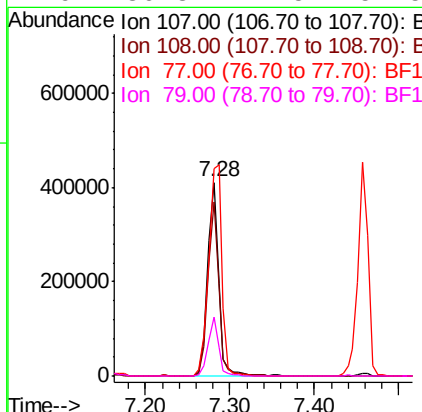
Manual Integrations
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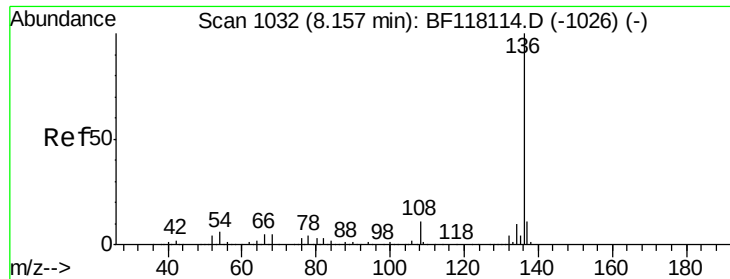
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#20
3+4-Methylphenols
Concen: 40.760 ng
RT: 7.28 min Scan# 883
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.1	73.2	113.2
77	107.4	110.9	150.9#
79	30.3	11.5	51.5





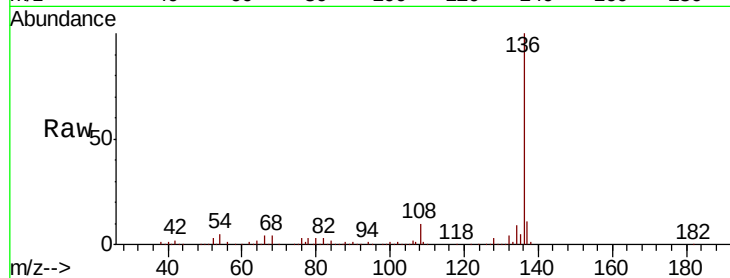
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

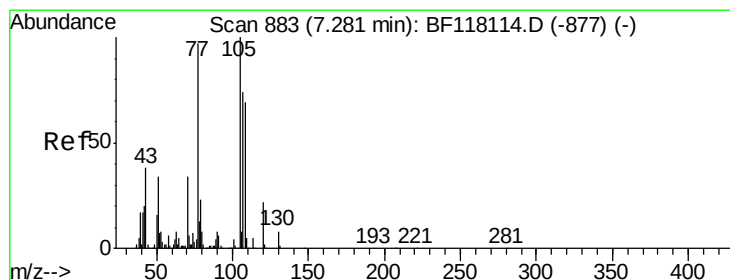
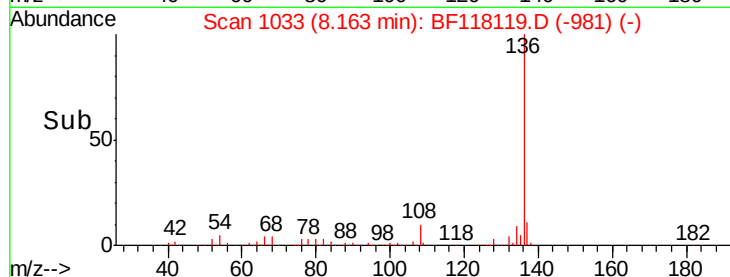
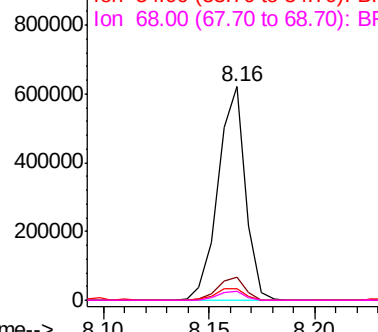
Tot Ion	Ratio	Resp	Lower	Upper
136	100	555337		
137	11.0		9.0	13.6
54	5.4		5.0	7.6
68	4.3		3.8	5.8

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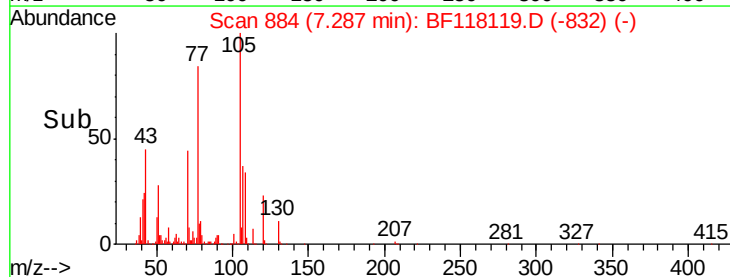
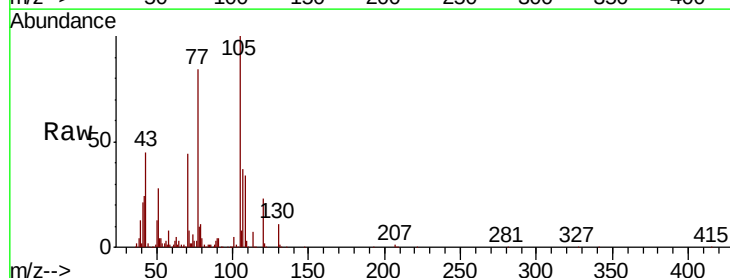
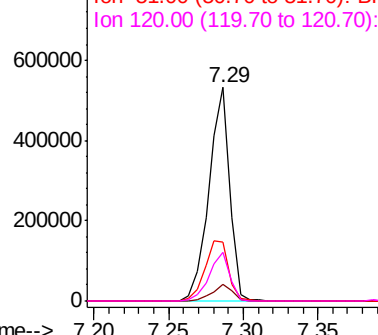
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

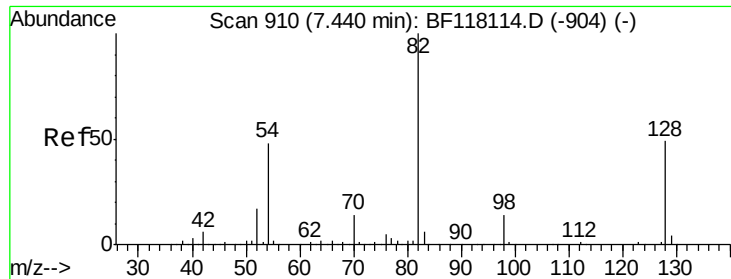


#22
Acetophenone
Concen: 39.090 ng
RT: 7.29 min Scan# 884
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	521536		
71	7.6		4.7	7.1#
51	27.7		27.1	40.7
120	22.8		17.8	26.6

Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E





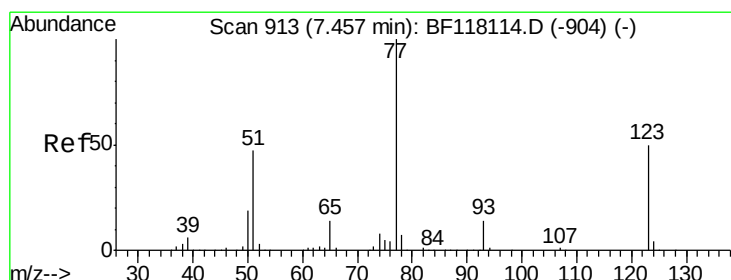
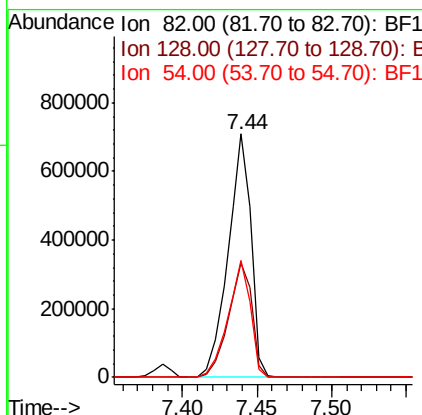
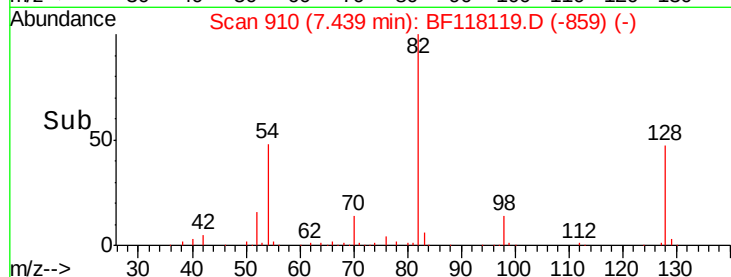
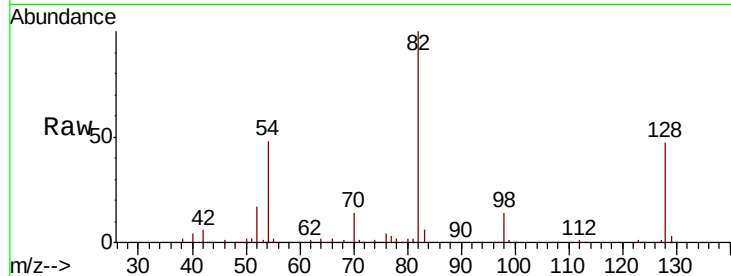
#23
Nitrobenzene-d5
Concen: 77.593 ng
RT: 7.44 min Scan# 910
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.1	58.7
54	47.9	38.2	57.2

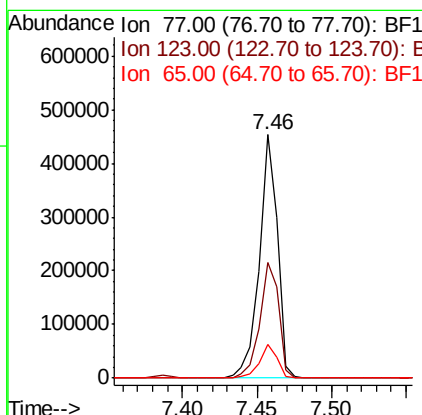
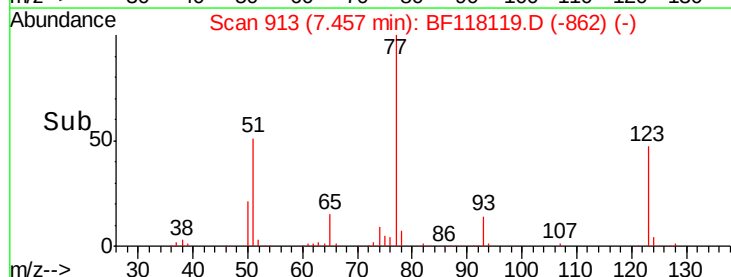
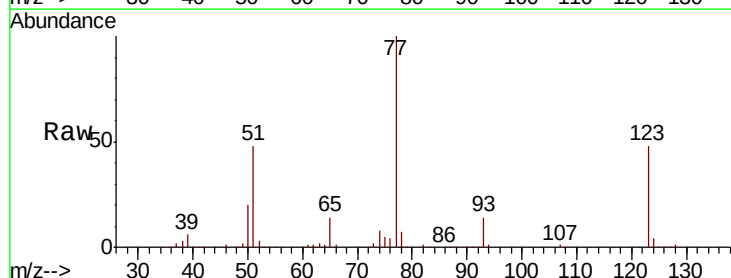
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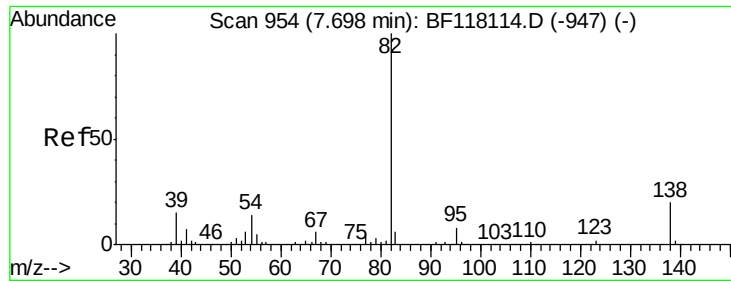
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#24
Nitrobenzene
Concen: 38.804 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.7	40.1	60.1
65	13.8	10.9	16.3





#25

Isophorone

Concen: 38.217 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

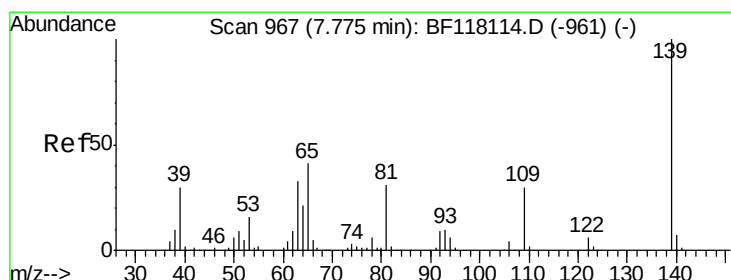
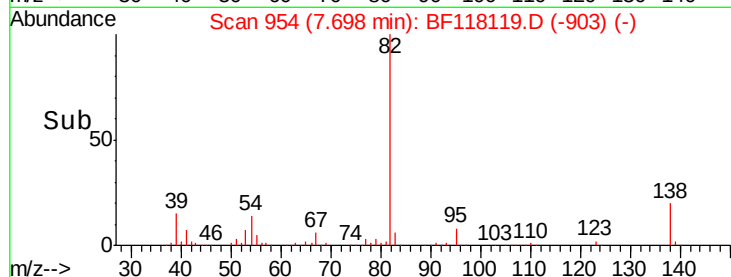
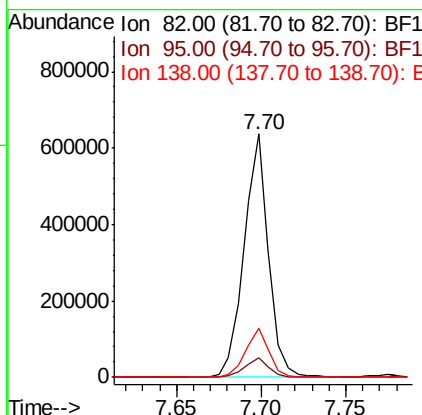
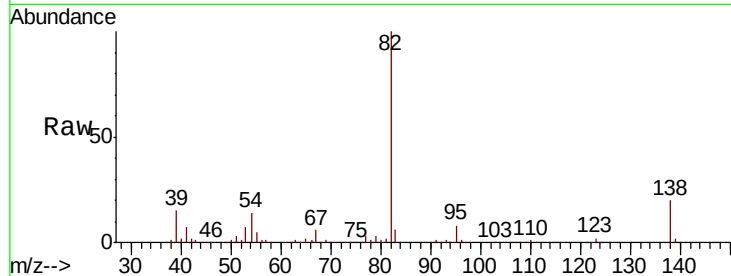
ClientSampleId :

ICVBF120619

Tot Ion:	82	Resp:	639524
Ion Ratio	Lower	Upper	
82	100		
95	7.9	6.3	9.5
138	20.0	16.3	24.5

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#26

2-Nitrophenol

Concen: 39.206 ng

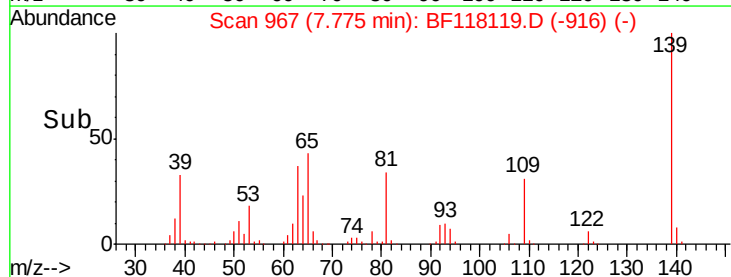
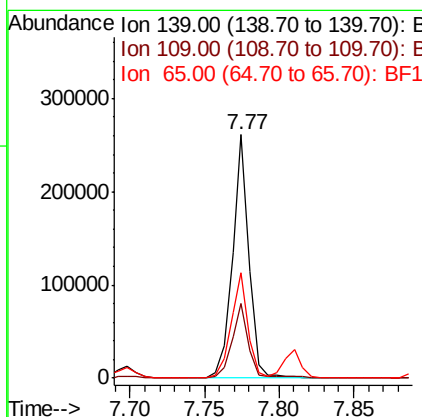
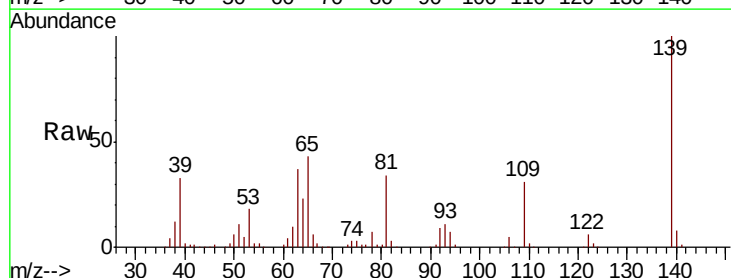
RT: 7.77 min Scan# 967

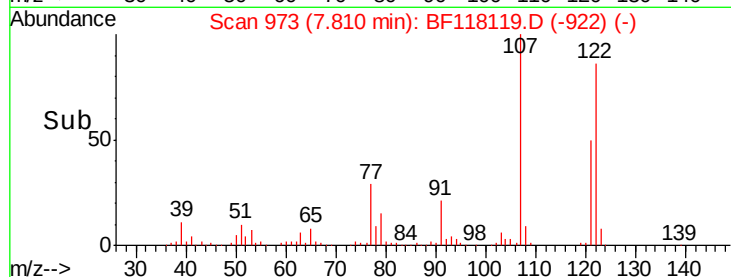
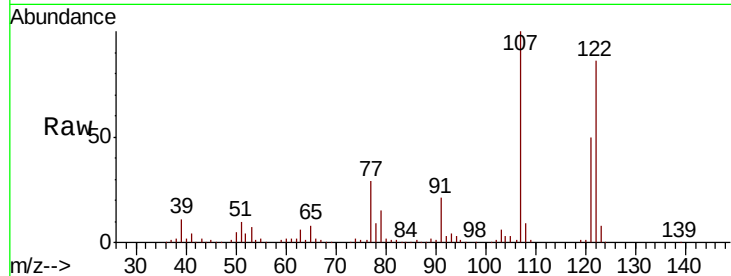
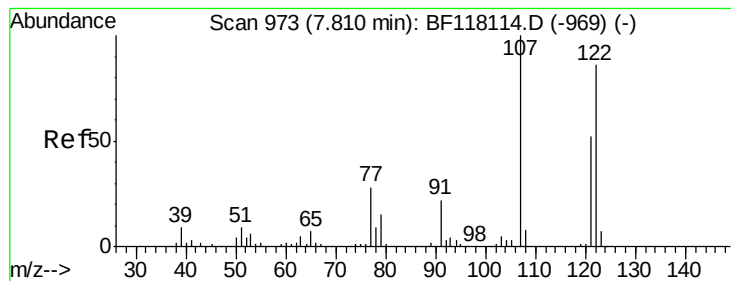
Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:	139	Resp:	203232
Ion Ratio	Lower	Upper	
139	100		
109	30.8	23.9	35.9
65	43.3	33.0	49.6





#27

2,4-Dimethylphenol

Concen: 38.704 ng

RT: 7.81 min Scan# 973

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tot Ion:	122	Resp:	267621
Ion Ratio	Lower	Upper	
122	100		
107	116.3	92.9	139.3
121	58.2	48.3	72.5

Instrument :

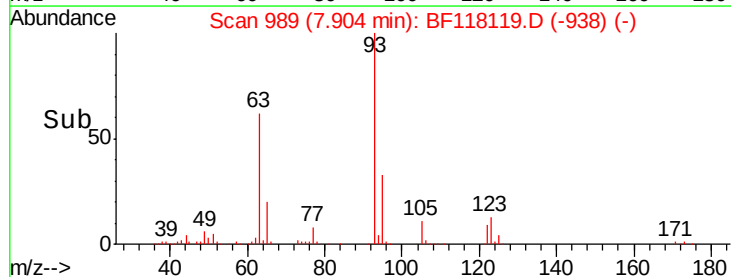
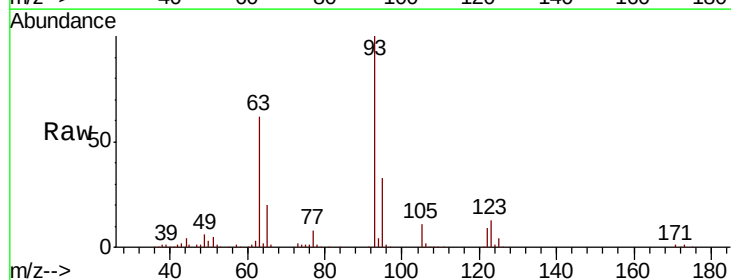
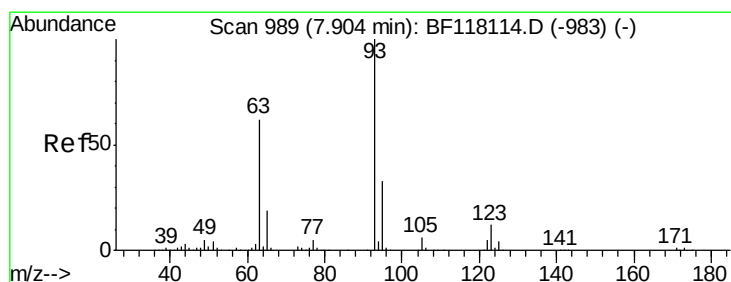
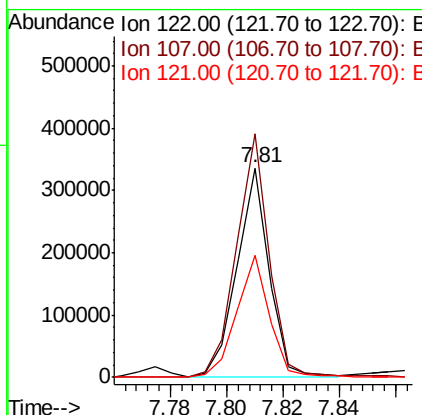
BNA_F

ClientSampleId :

ICVBF120619

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#28

bis(2-Chloroethoxy)methane

Concen: 38.511 ng

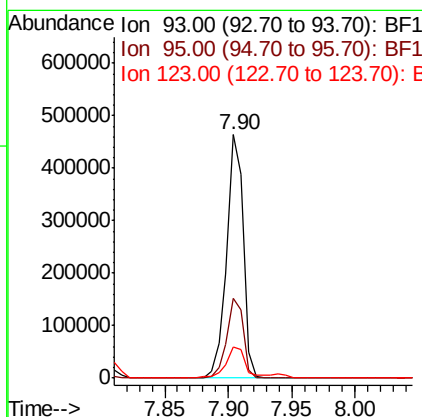
RT: 7.90 min Scan# 989

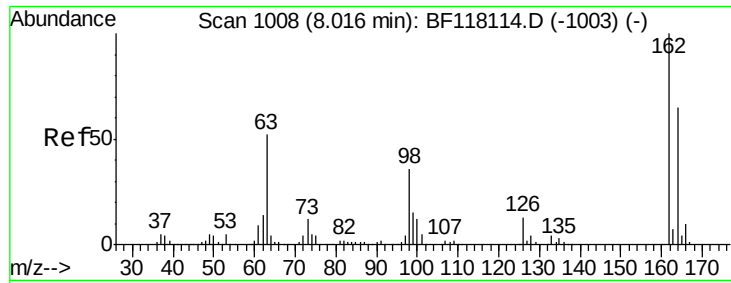
Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:	93	Resp:	421102
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.7	40.1
123	12.6	10.0	15.0





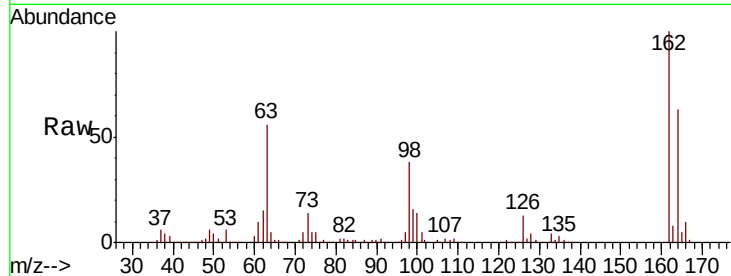
#29
2,4-Dichlorophenol
Concen: 39.131 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Resp	Lower	Upper
162	100	315422		
164	63.2	45.2	85.2	
98	38.1	15.9	55.9	

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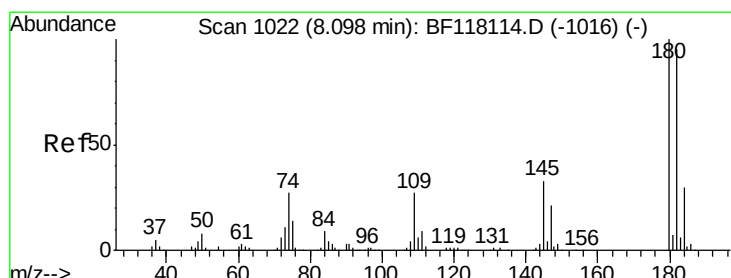
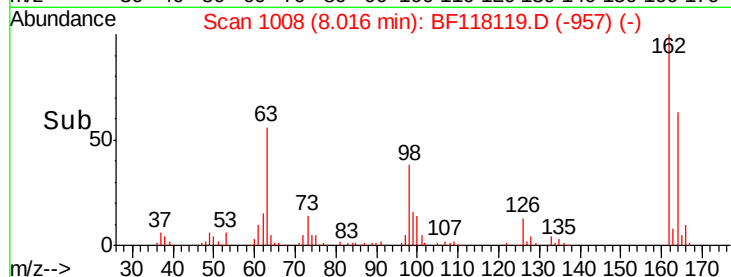
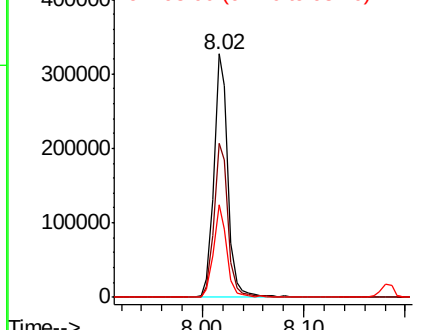


Abundance

Ion 162.00 (161.70 to 162.70): E

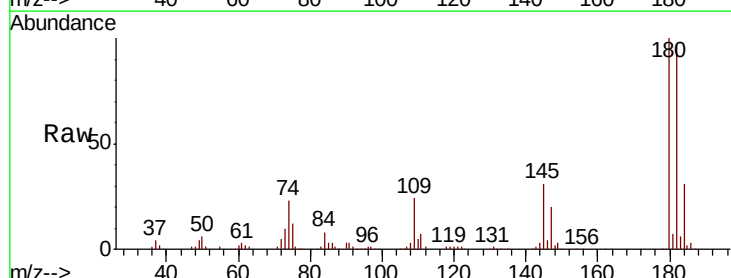
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.851 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	365990		
182	96.8	76.1	114.1	
145	31.2	26.1	39.1	

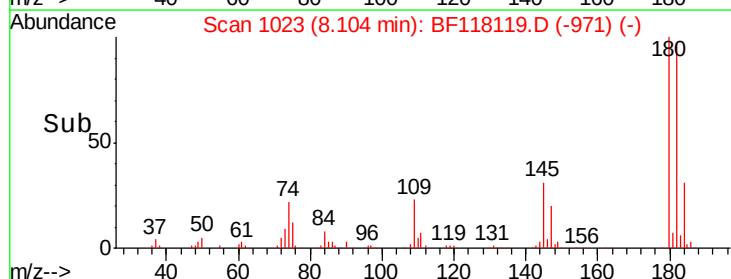
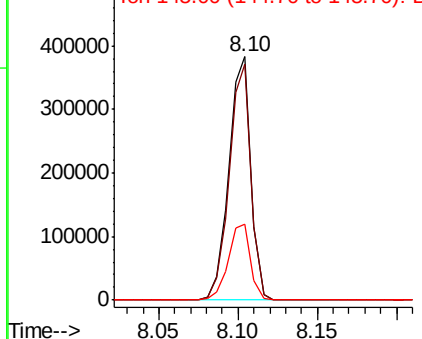


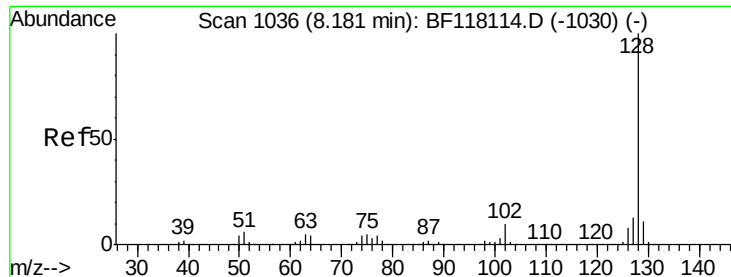
Abundance

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: 39.071 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

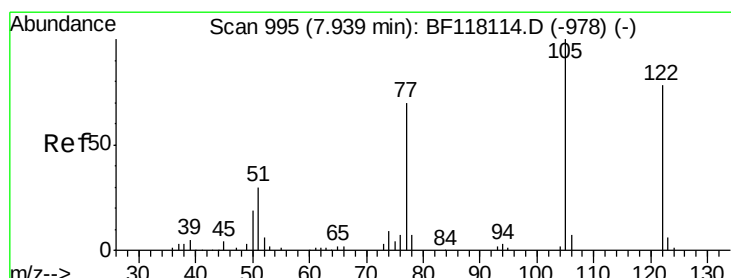
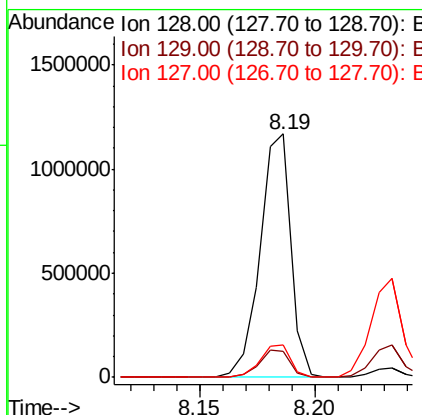
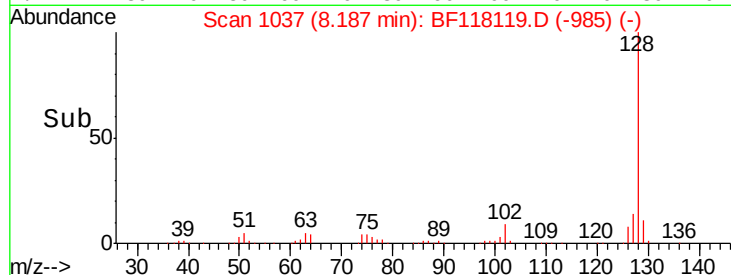
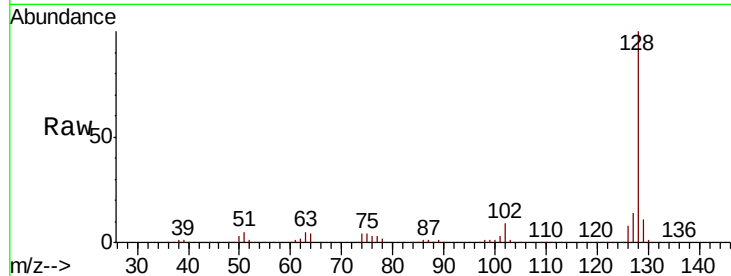
ClientSampleId :

ICVBF120619

Tot Ion:128	Resp: 1089713
Ion Ratio	Lower Upper
128 100	
129 10.9	9.1 13.7
127 13.6	10.6 16.0

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#32

Benzoic acid

Concen: 39.481 ng

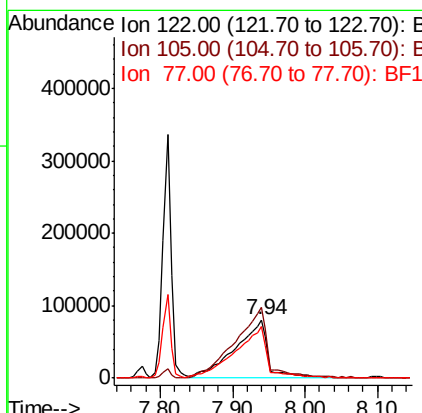
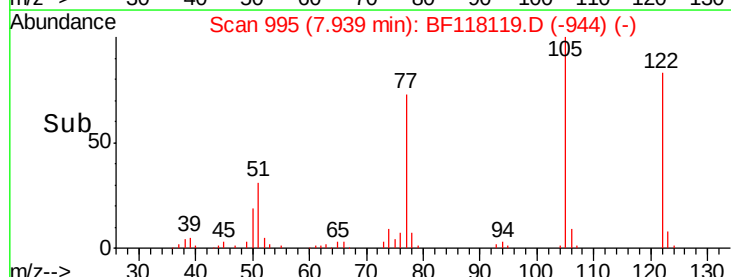
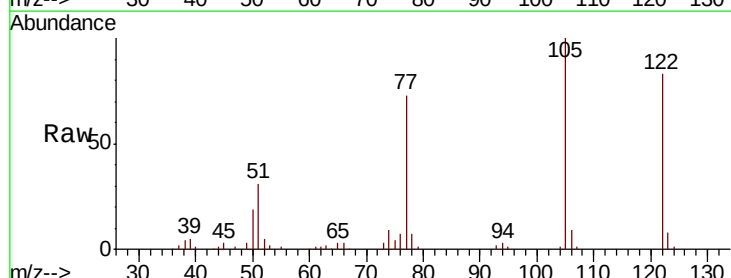
RT: 7.94 min Scan# 995

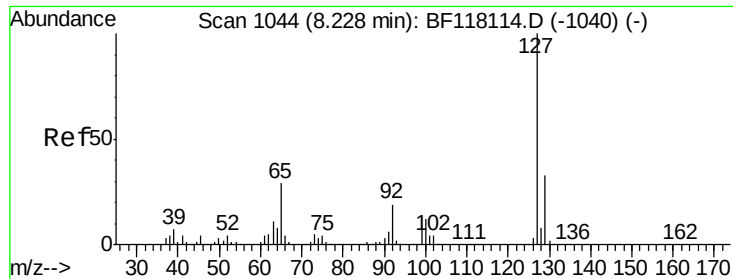
Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:122	Resp: 246482
Ion Ratio	Lower Upper
122 100	
105 120.8	104.7 144.7
77 87.7	69.1 109.1





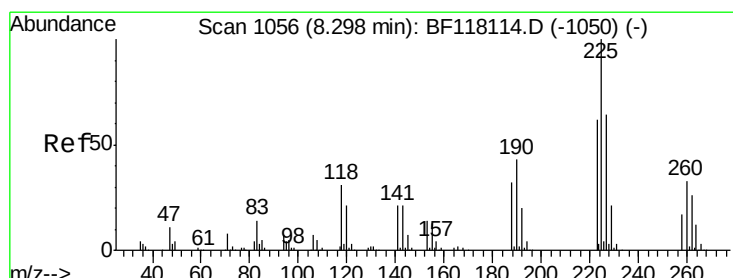
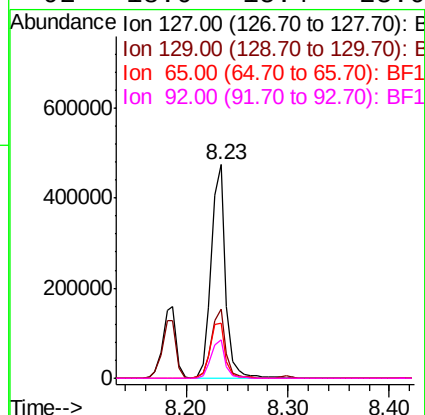
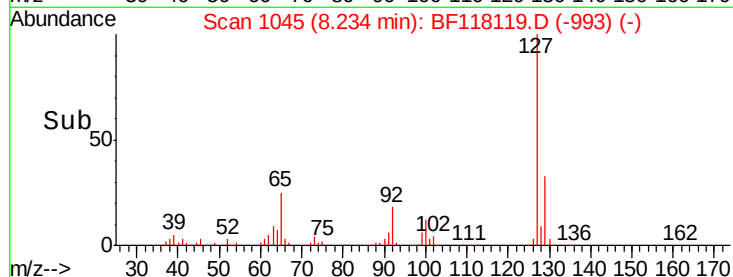
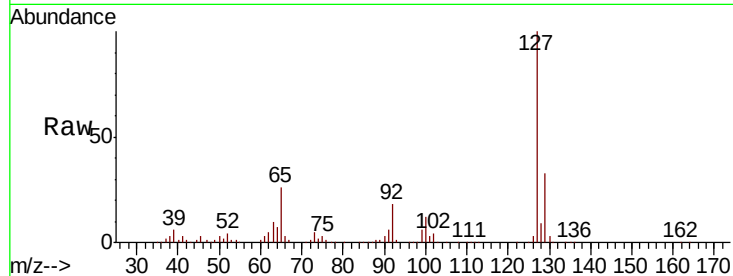
#33
4-Chloroaniline
Concen: 38.817 ng
RT: 8.23 min Scan# 1045
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.6	26.6	40.0		
65	25.9	23.2	34.8		
92	18.0	15.4	23.0		

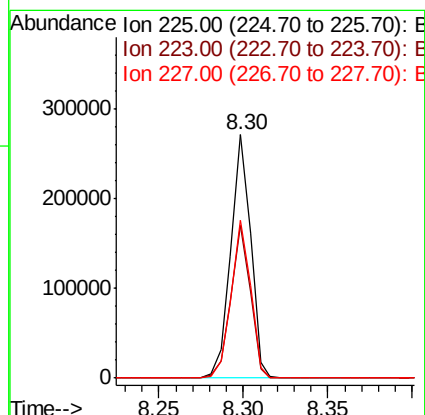
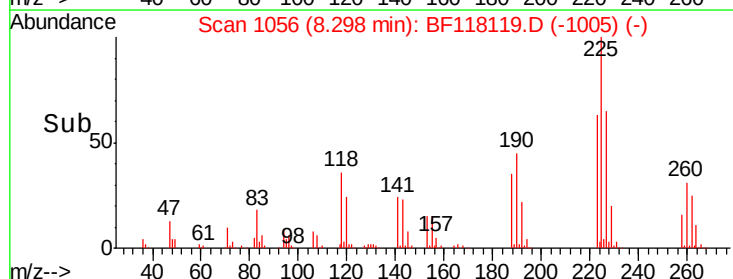
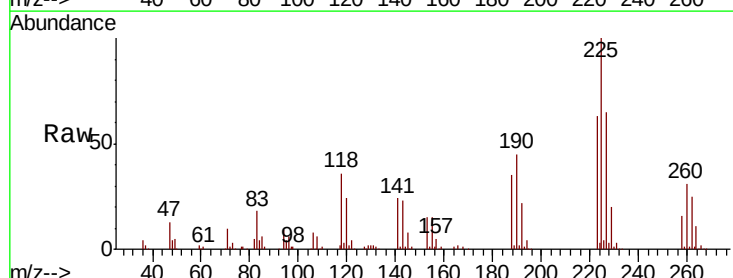
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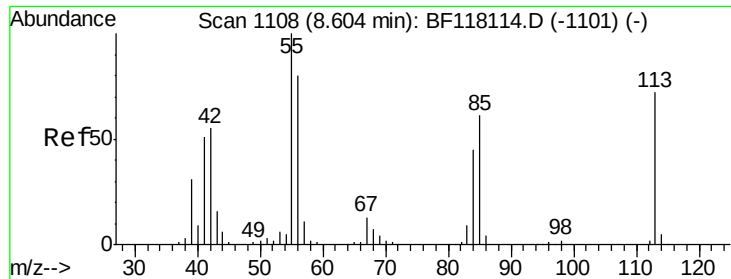
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#34
Hexachlorobutadiene
Concen: 39.053 ng
RT: 8.30 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.6	49.6	74.4		
227	64.8	51.0	76.6		





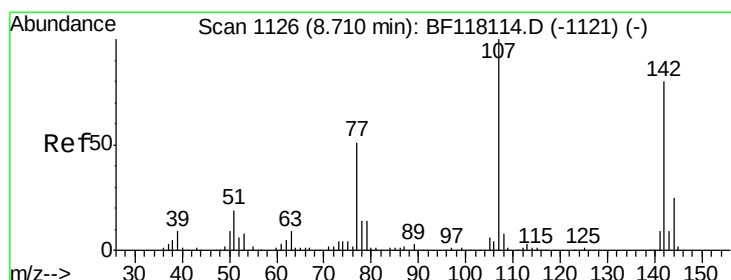
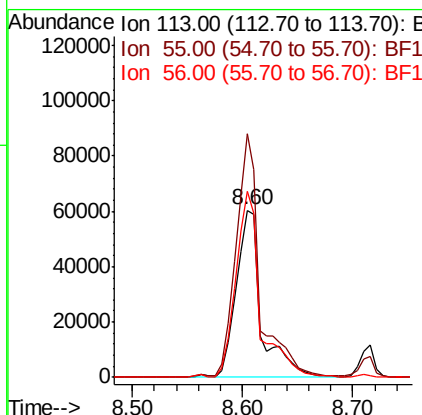
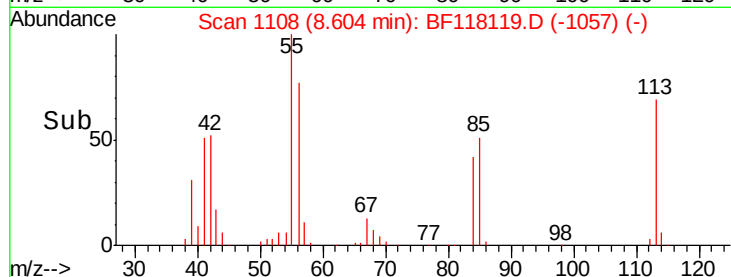
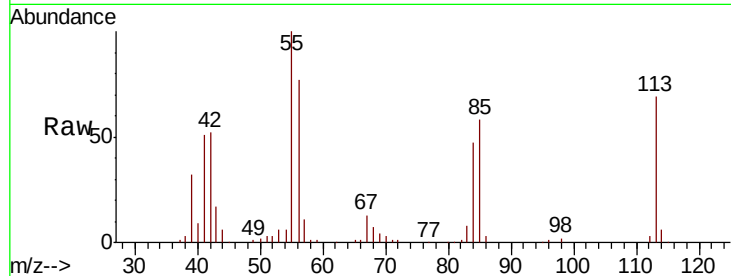
#35
 Caprolactam
 Concen: 39.270 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120619

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	145.5		118.9	158.9	
56	111.5		91.4	131.4	

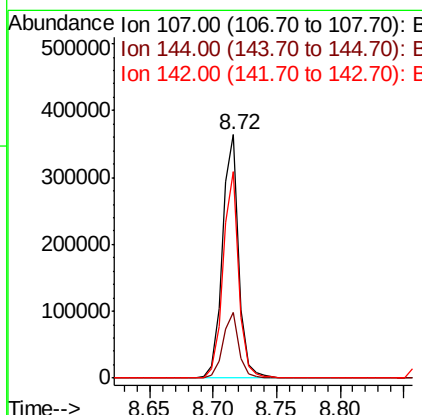
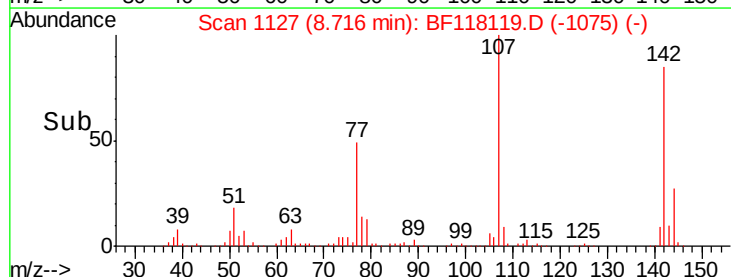
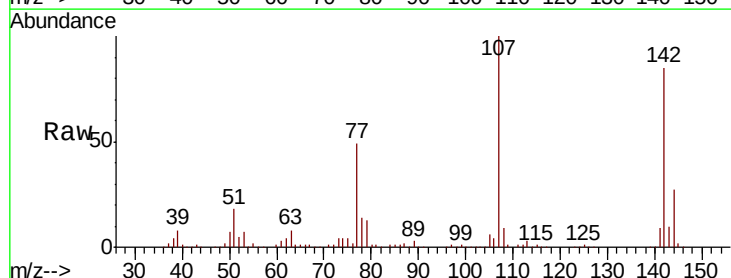
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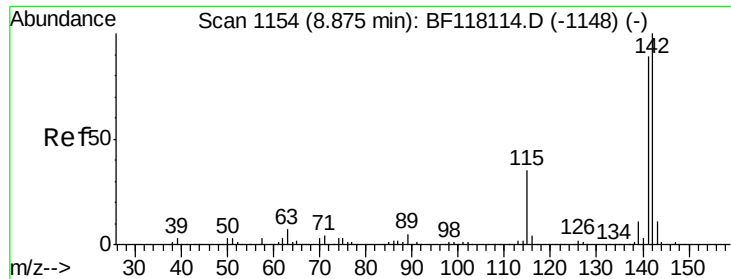
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#36
 4-Chloro-3-methylphenol
 Concen: 38.480 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.01 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	27.1		20.3	30.5	
142	84.6		63.7	95.5	





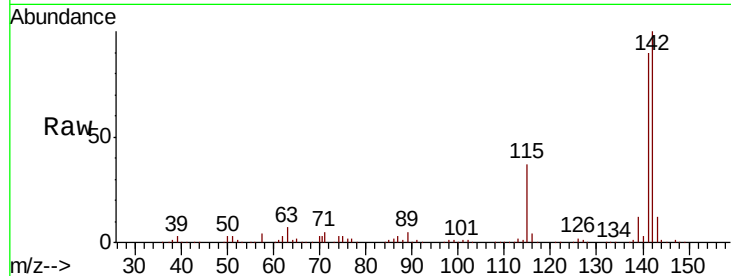
#37
2-Methylnaphthalene
Concen: 38.832 ng
RT: 8.87 min Scan# 1154
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.0
115	37.0	28.2	42.4

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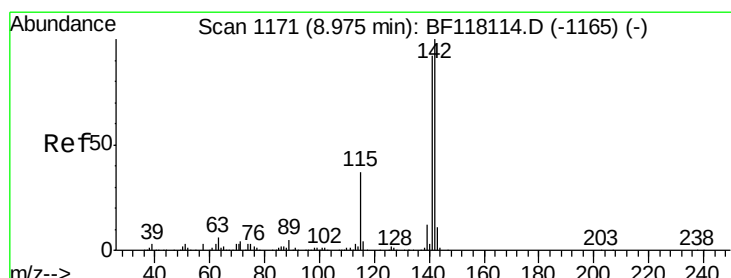
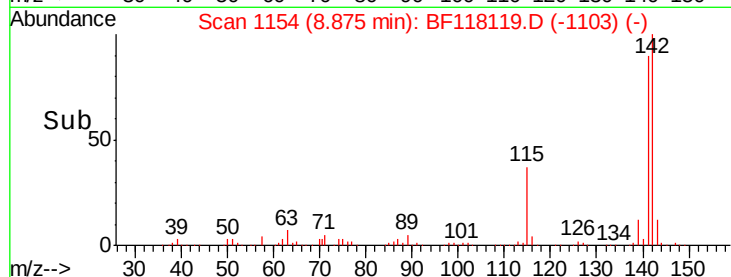
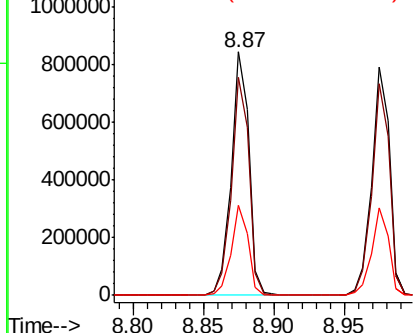


Abundance

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: 39.341 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

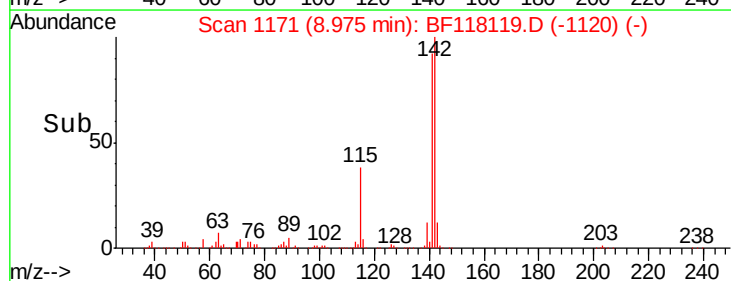
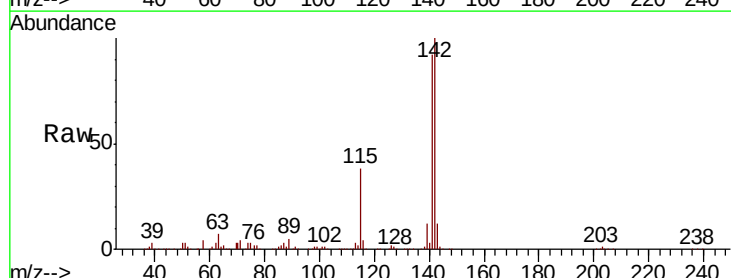
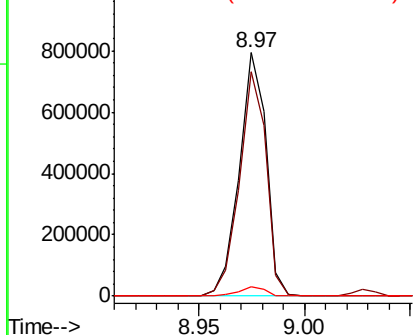
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.0	111.0
116	4.0	3.2	4.8

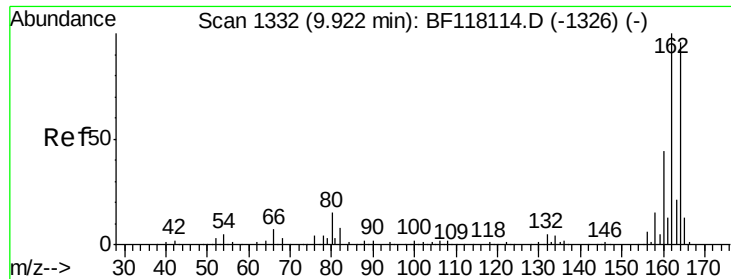
Abundance

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





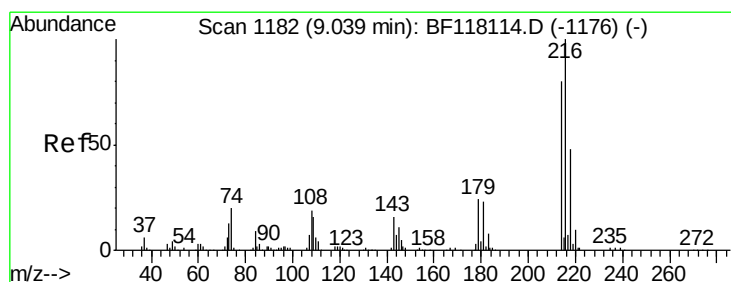
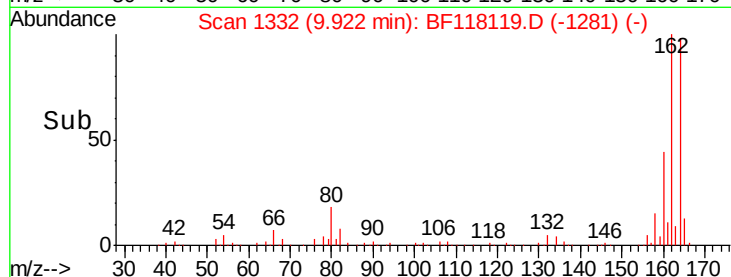
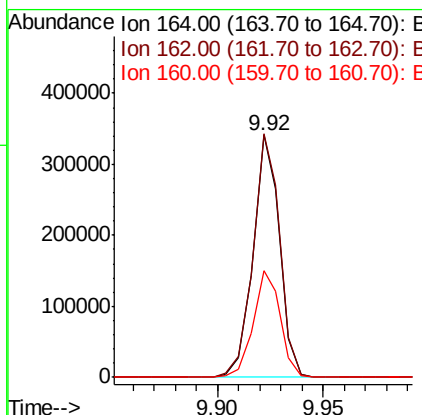
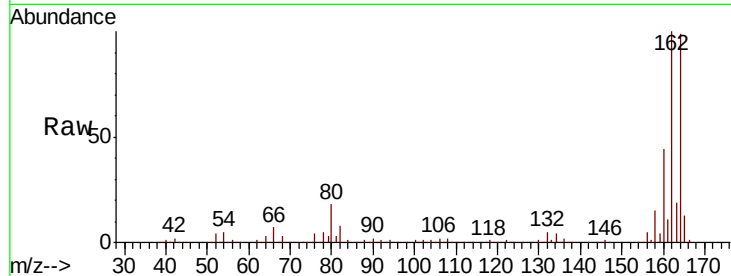
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	83.4	125.0
160	44.3	36.6	54.8

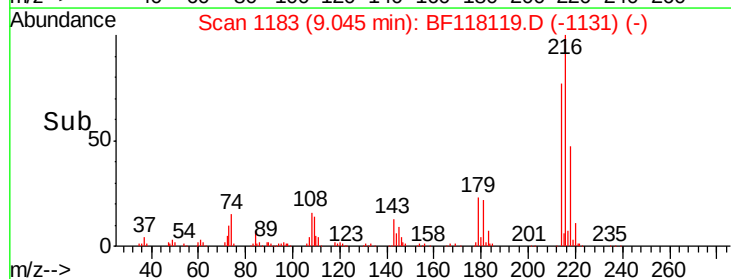
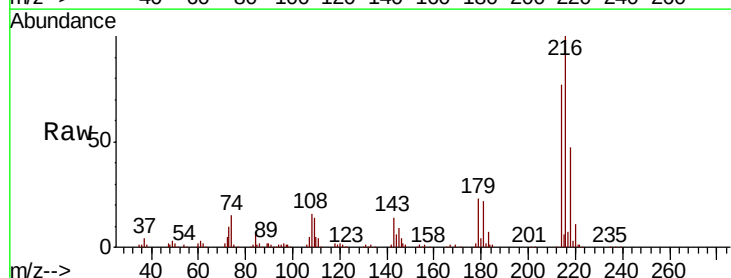
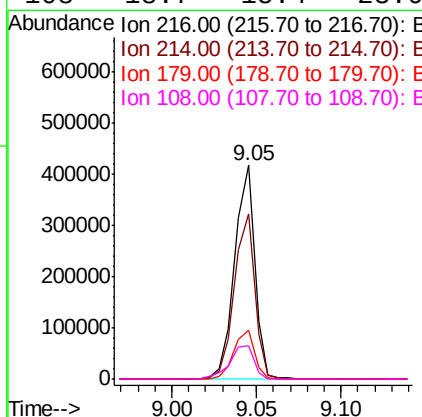
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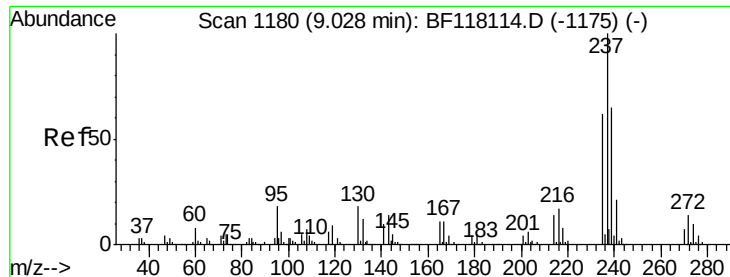
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.383 ng
RT: 9.05 min Scan# 1183
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	23.3	18.6	27.8
108	18.7	15.4	23.0





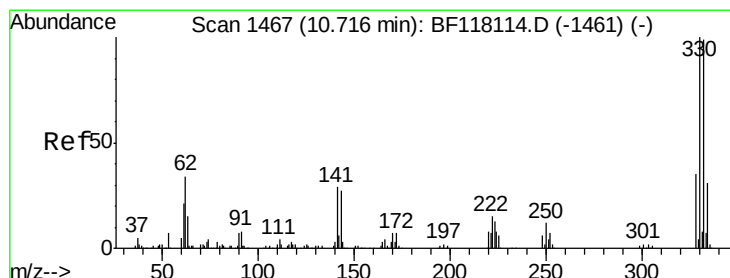
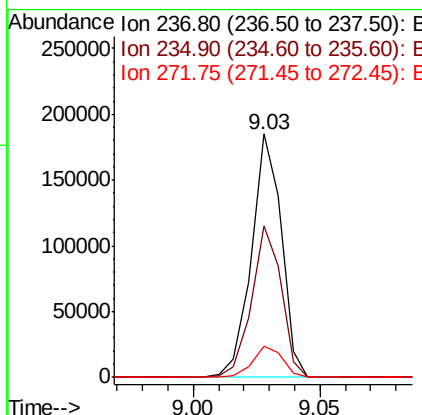
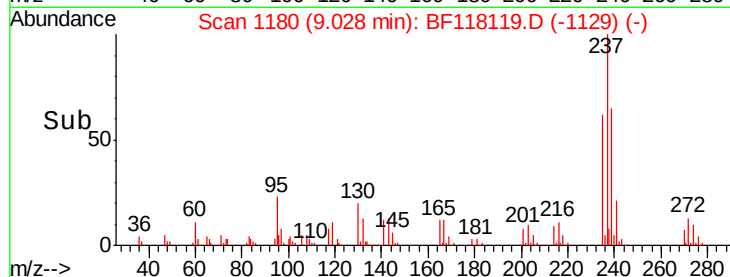
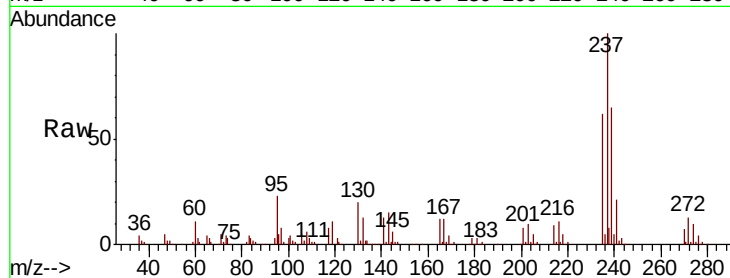
#41
Hexachlorocyclopentadiene
Concen: 37.831 ng
RT: 9.03 min Scan# 1180
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	62.4	41.5	81.5	
272	12.9	0.0	33.7	

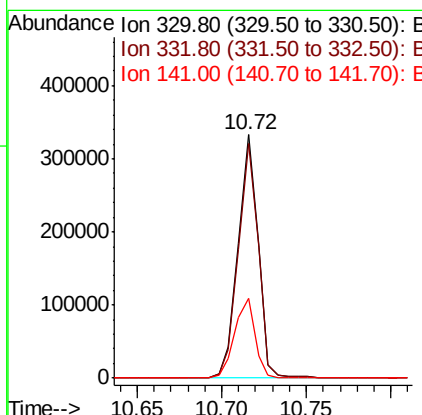
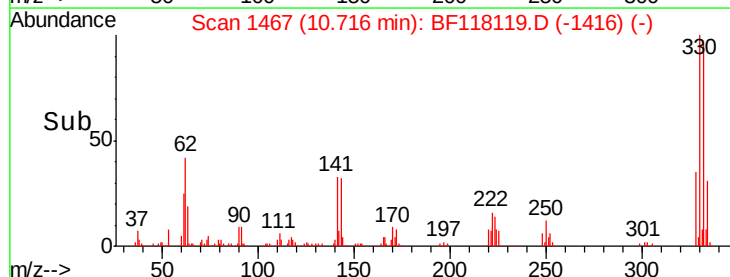
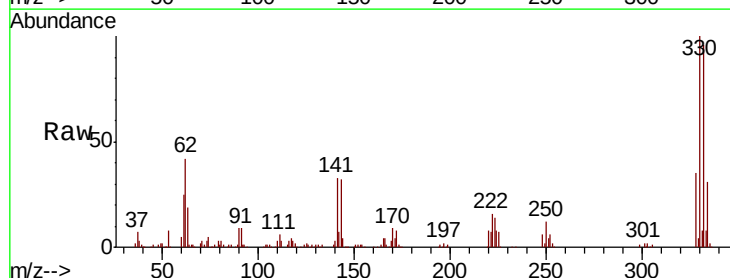
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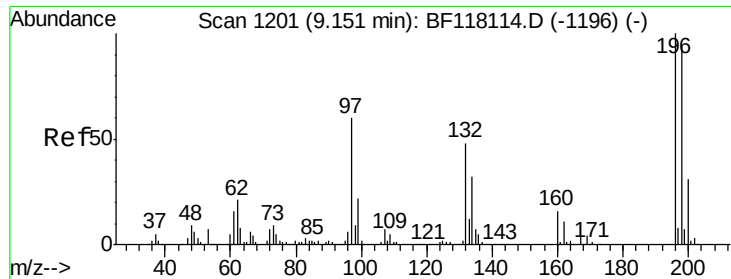
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#42
2,4,6-Tribromophenol
Concen: 76.221 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.0	78.1	117.1	
141	33.6	26.9	40.3	





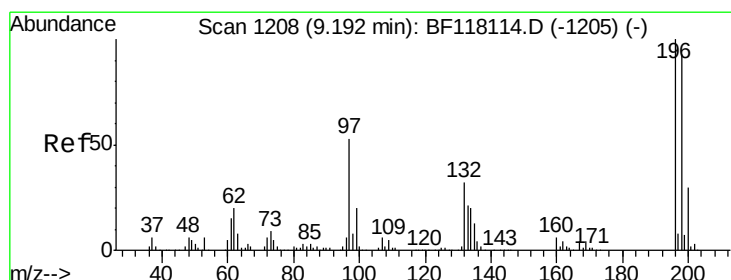
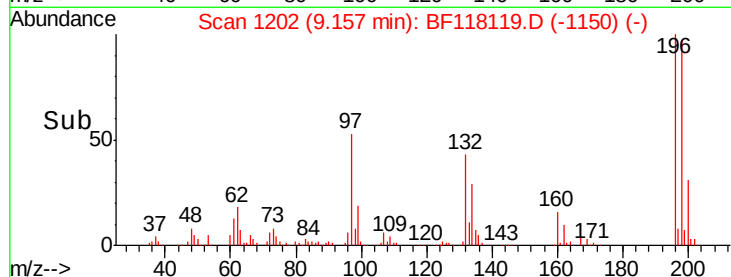
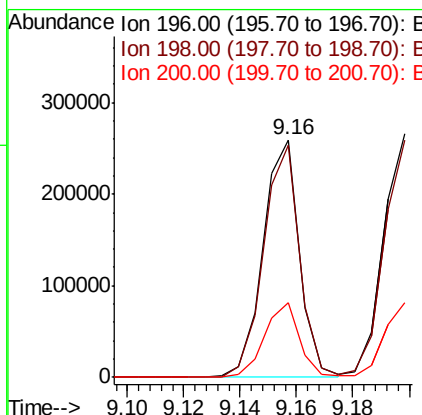
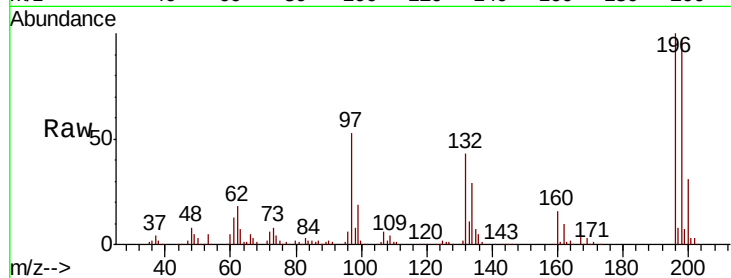
#43
 2,4,6-Trichlorophenol
 Concen: 38.453 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120619

Tot Ion	Ratio	Resp	Lower	Upper
196	100	230890		
198	97.5	75.0	112.4	
200	31.2	24.5	36.7	

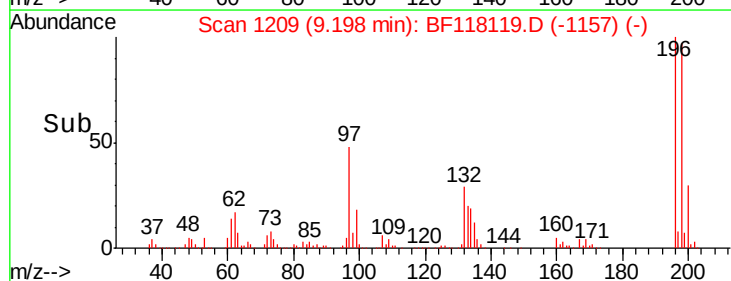
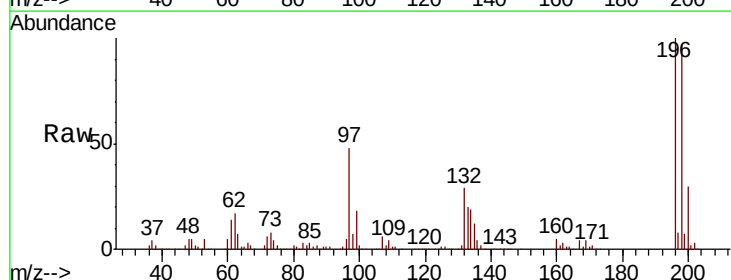
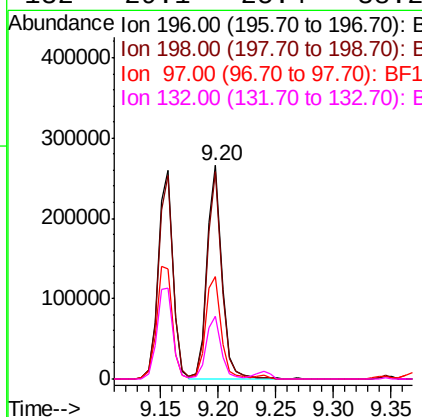
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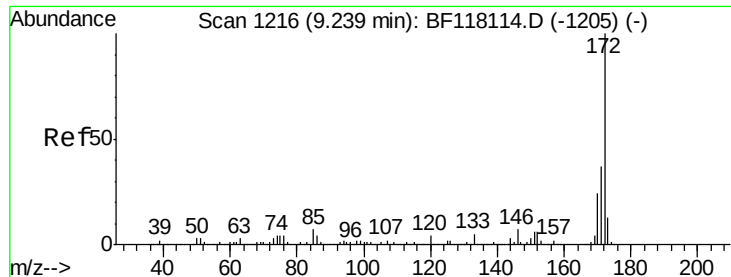
mohammad
 12/9/2019 3:09:57 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.656 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. 0.01 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240475		
198	97.3	74.2	111.4	
97	48.1	42.5	63.7	
132	29.1	25.4	38.2	





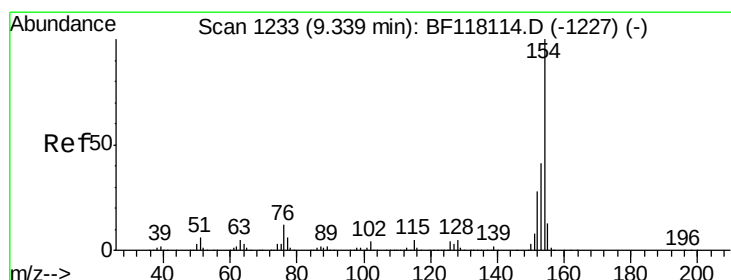
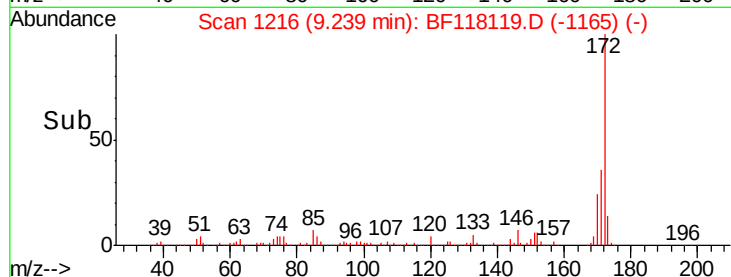
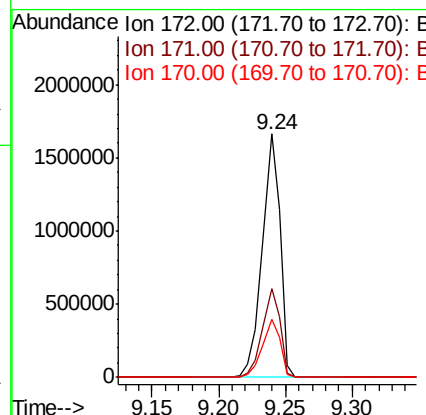
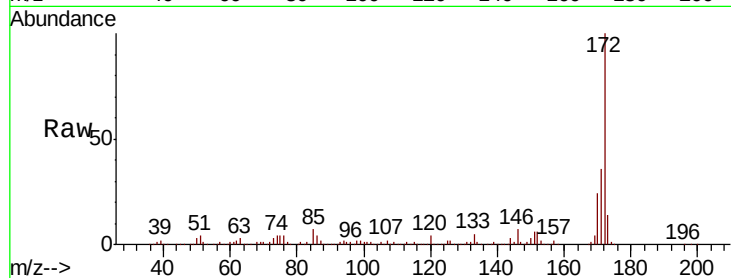
#45
2-Fluorobiphenyl
Concen: 77.434 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.0	19.4	29.2

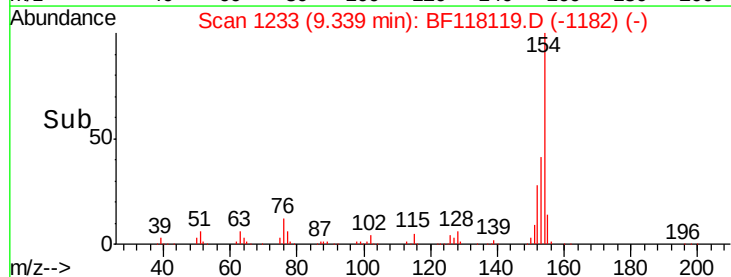
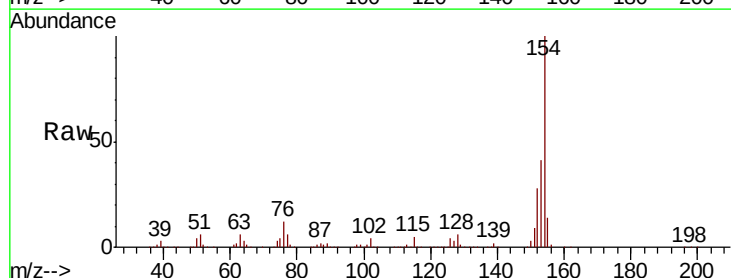
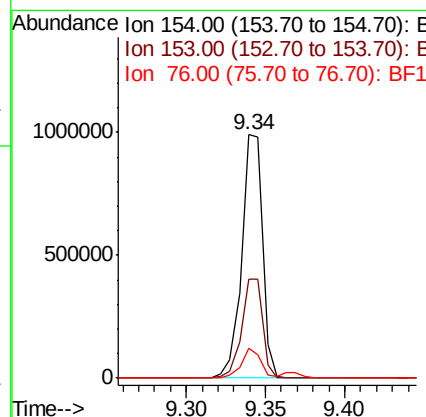
Manual Integrations
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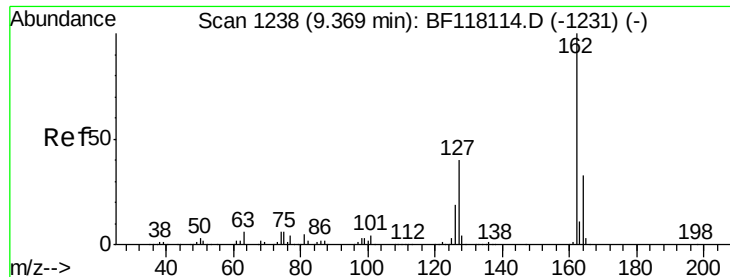
mohammad
12/9/2019 3:09:57 PM



#46
1,1'-Biphenyl
Concen: 38.608 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	20.7	60.7
76	12.3	0.0	31.9





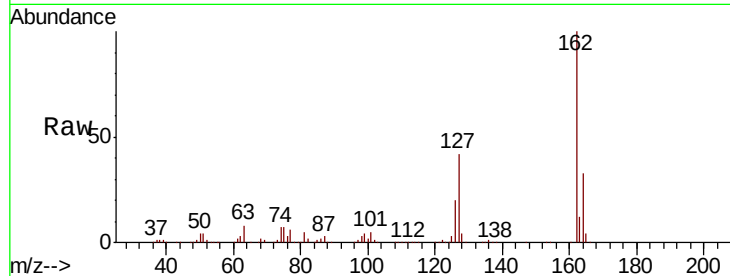
#47
 2-Chloronaphthalene
 Concen: 38.512 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120619

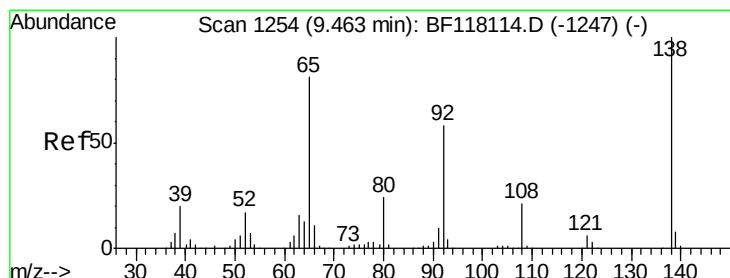
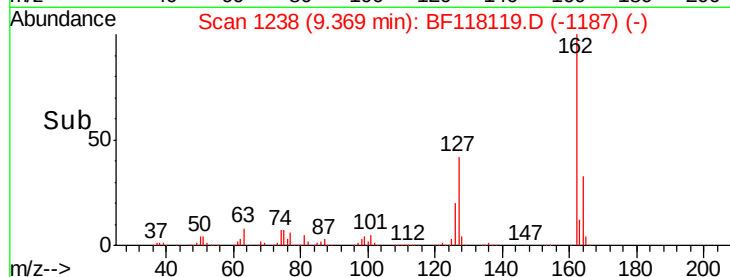
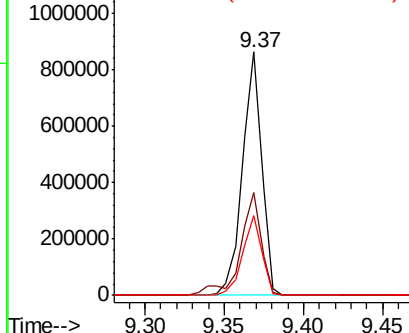
Tot Ion:	162	Resp:	725322
Ion Ratio	Lower	Upper	
162	100		
127	42.3	32.0	48.0
164	32.9	26.1	39.1

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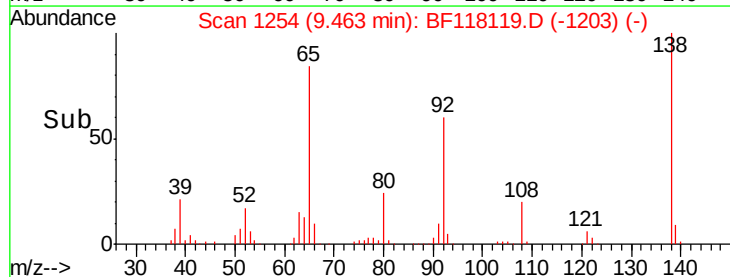
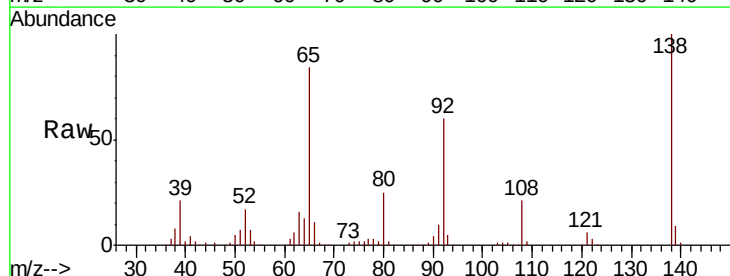
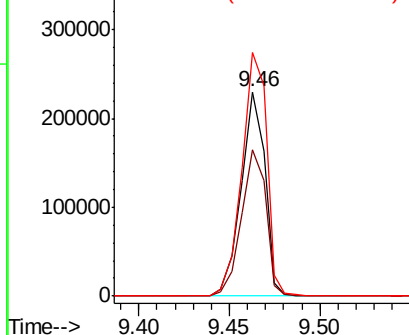
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

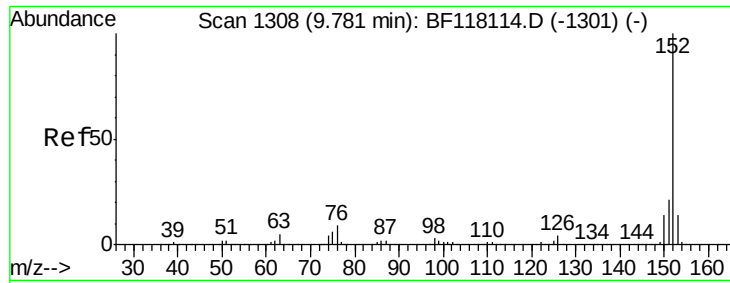


#48
 2-Nitroaniline
 Concen: 39.182 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion:	65	Resp:	210441
Ion Ratio	Lower	Upper	
65	100		
92	71.9	57.8	86.6
138	119.1	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: 39.207 ng

RT: 9.79 min Scan# 1309

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

ICVBF120619

Tot Ion:152 Resp: 1089114

Ion Ratio Lower Upper

152 100

151 20.6 16.4 24.6

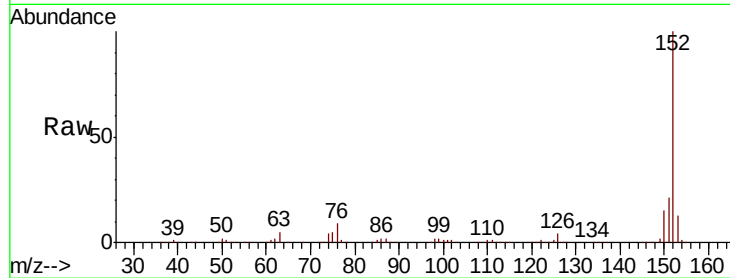
153 13.0 10.8 16.2

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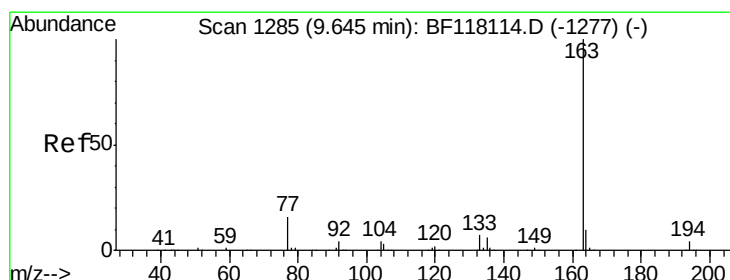
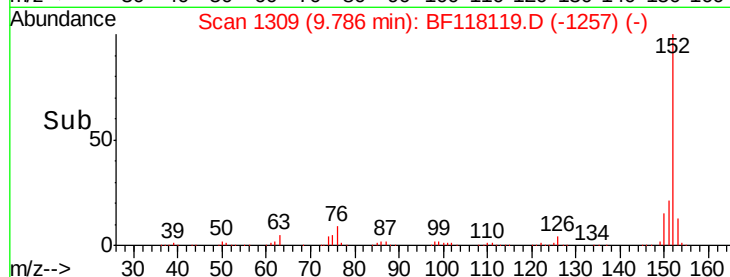
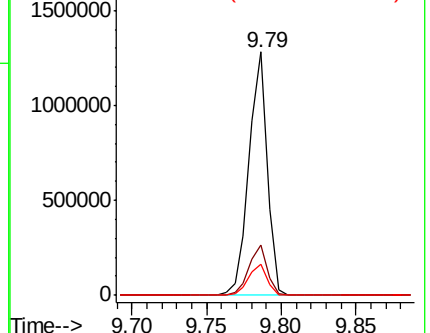
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.996 ng

RT: 9.65 min Scan# 1285

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

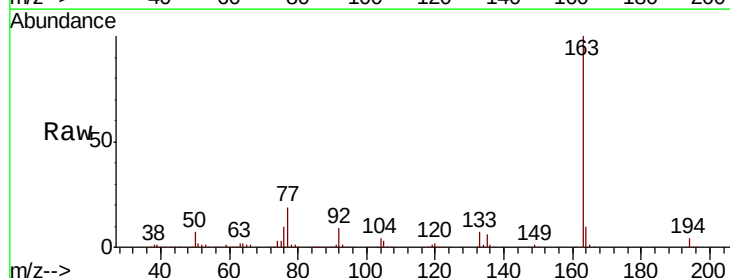
Tgt Ion:163 Resp: 833158

Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

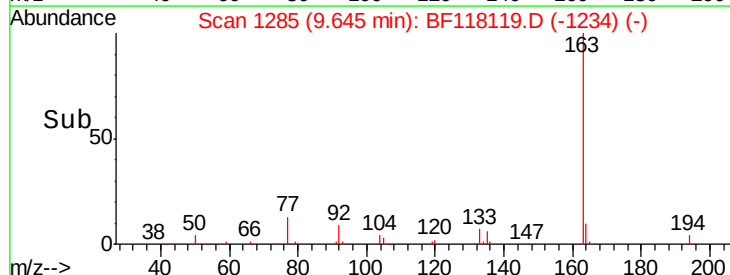
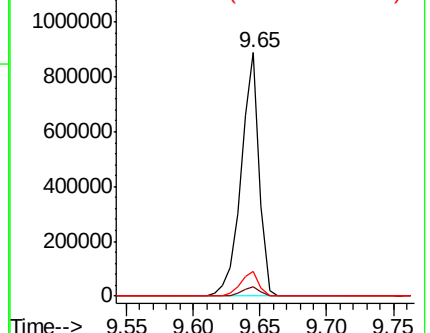
164 10.1 7.7 11.5

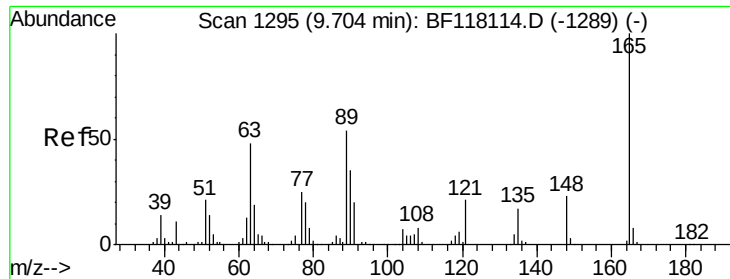


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





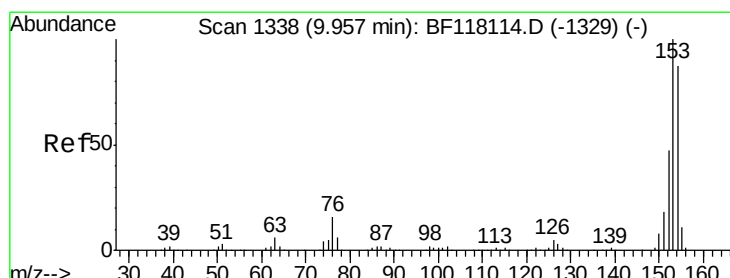
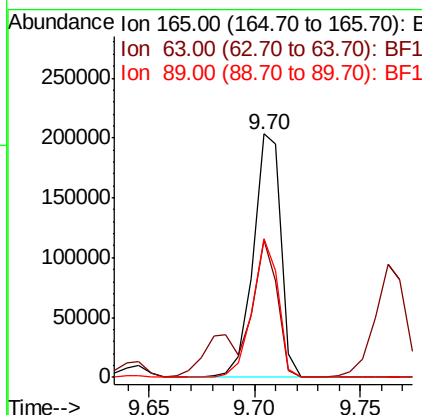
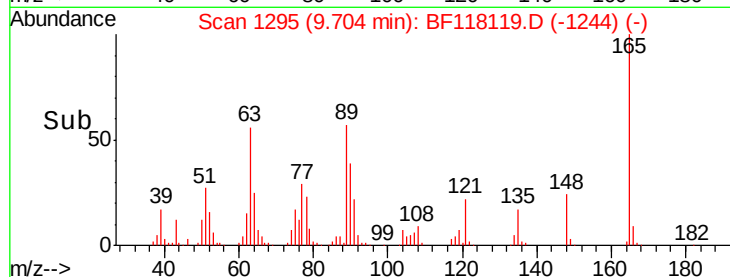
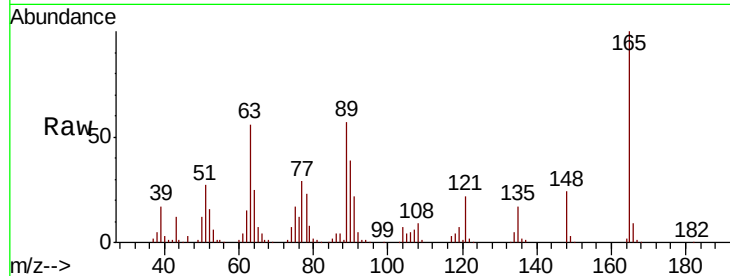
#51
2,6-Dinitrotoluene
Concen: 38.821 ng
RT: 9.70 min Scan# 1295
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampled :
ICVBF120619

Tot Ion	Ratio	Resp	Lower	Upper
165	100	185099		
63	56.4		41.4	62.0
89	56.9		42.9	64.3

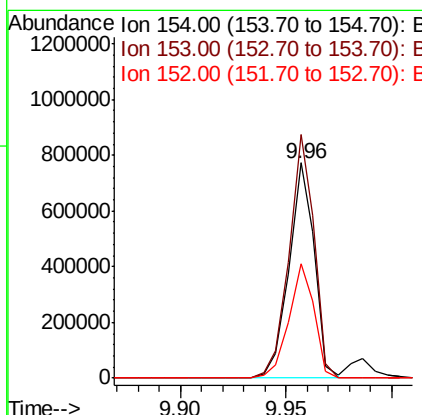
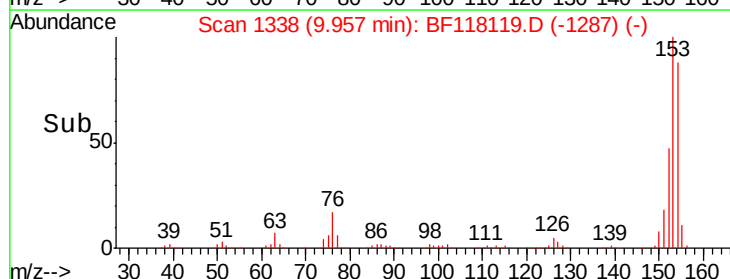
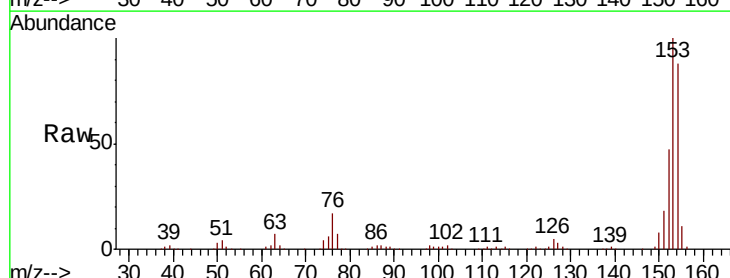
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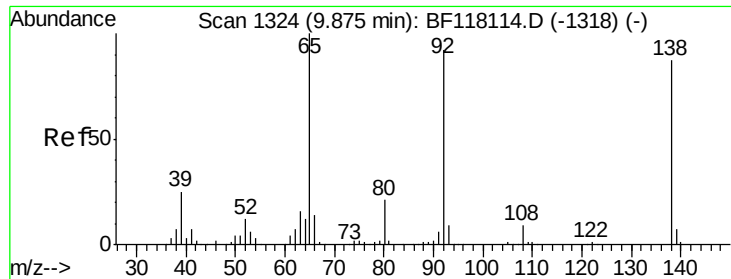
mohammad
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#52
Acenaphthene
Concen: 38.361 ng
RT: 9.96 min Scan# 1338
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	650403		
153	113.0		91.8	137.6
152	53.3		43.3	64.9





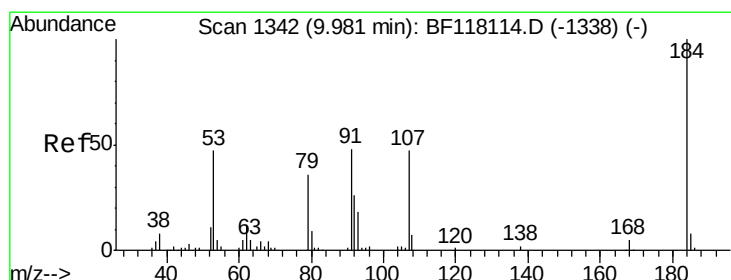
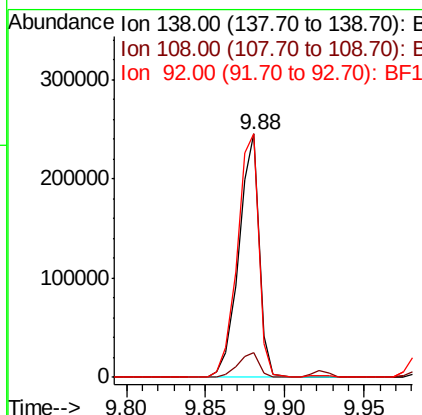
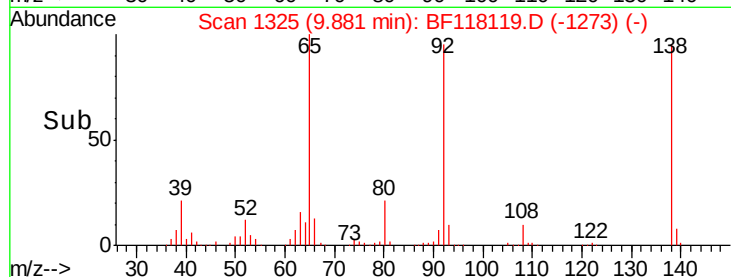
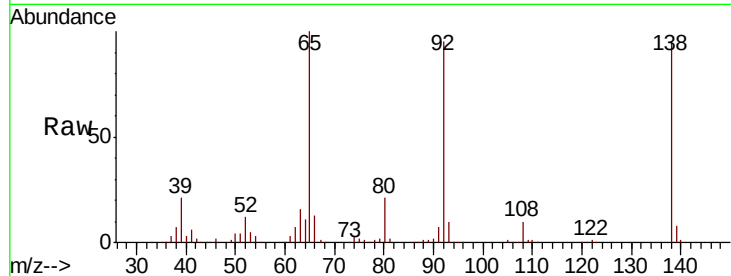
#53
3-Nitroaniline
Concen: 38.700 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Resp	Lower	Upper
138	100	217150		
108	10.3	8.2	12.4	
92	100.2	84.9	127.3	

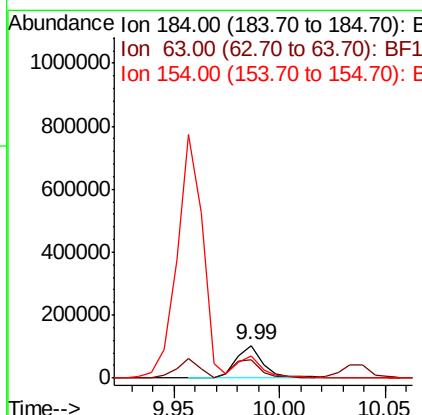
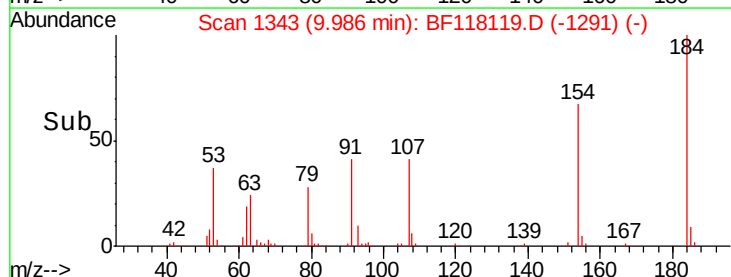
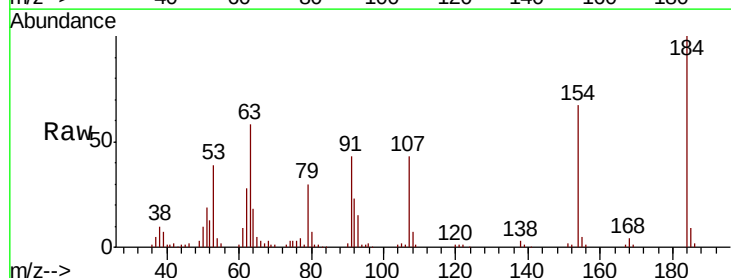
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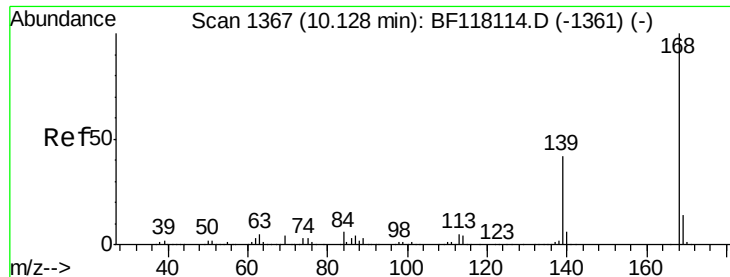
mohammad
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#54
2,4-Dinitrophenol
Concen: 39.146 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	92859		
63	57.6	53.9	80.9	
154	66.5	56.3	84.5	





#55

Dibenzofuran

Concen: 38.739 ng

RT: 10.13 min Scan# 1367

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampled :

ICVBF120619

Tot Ion:168 Resp: 962409

Ion Ratio Lower Upper

168 100

139 42.7 33.4 50.0

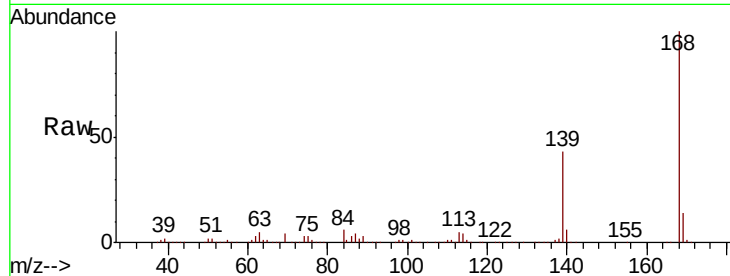
169 13.7 11.0 16.6

Manual Integrations

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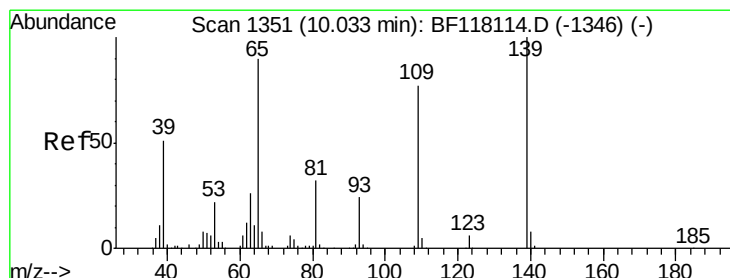
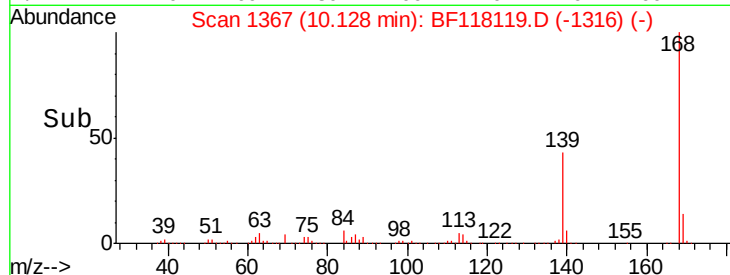
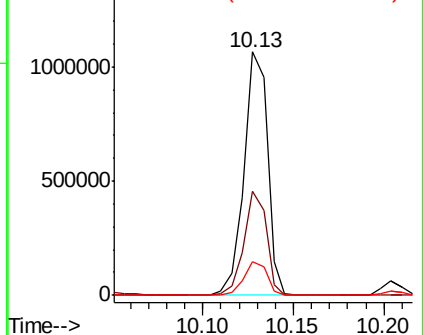
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 39.834 ng

RT: 10.04 min Scan# 1352

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

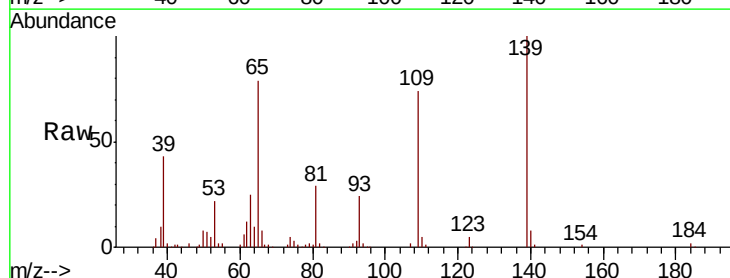
Tgt Ion:139 Resp: 155119

Ion Ratio Lower Upper

139 100

109 73.7 57.3 97.3

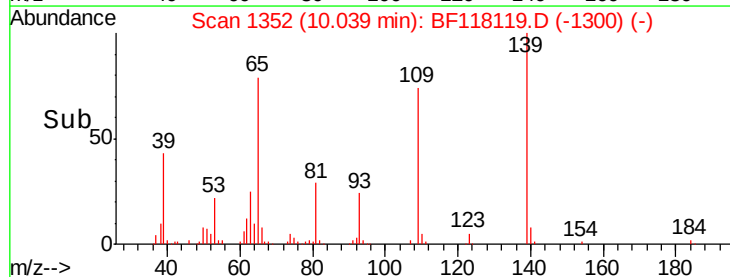
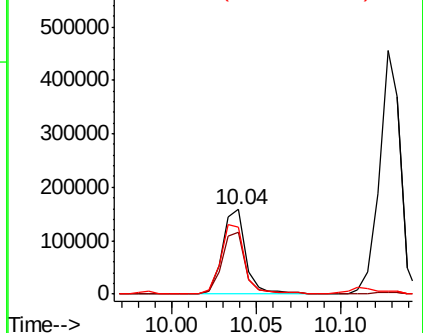
65 79.3 70.2 110.2

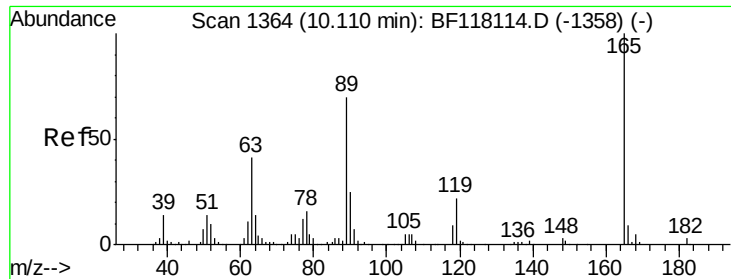


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





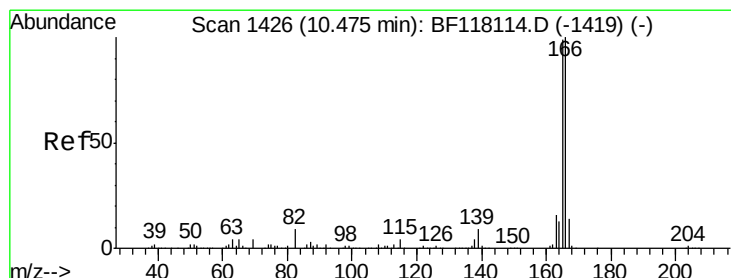
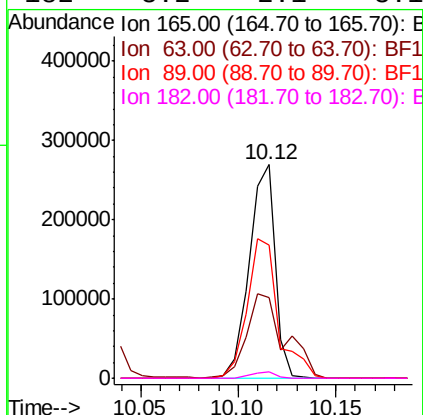
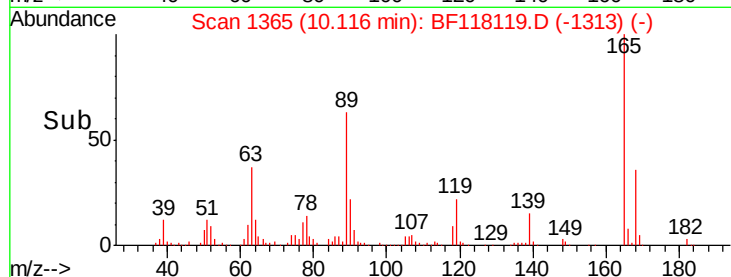
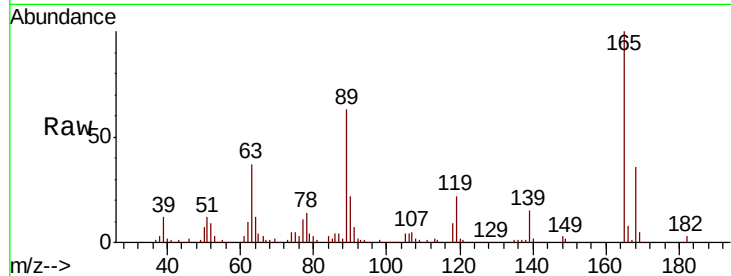
#57
2,4-Dinitrotoluene
Concen: 38.949 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Resp	Lower	Upper
165	100	247870		
63	37.5	32.6	49.0	
89	62.6	56.1	84.1	
182	3.2	2.1	3.1	

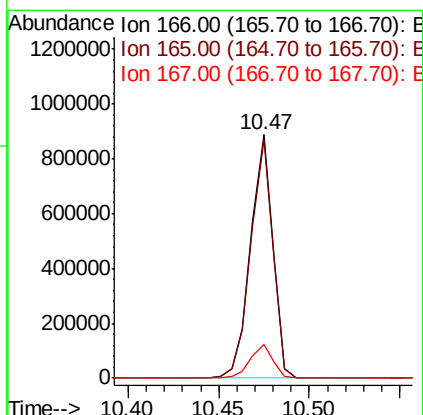
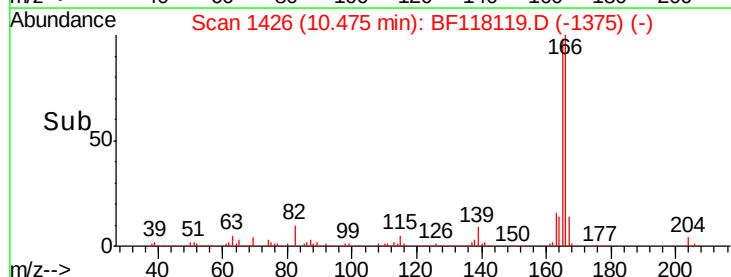
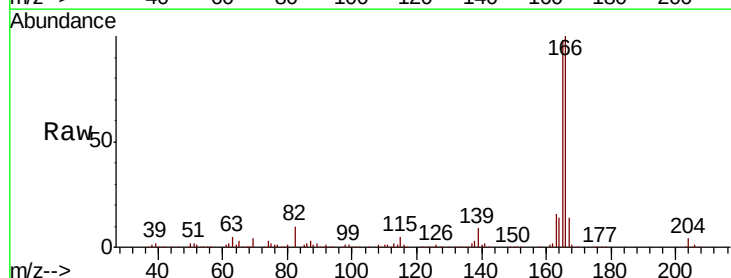
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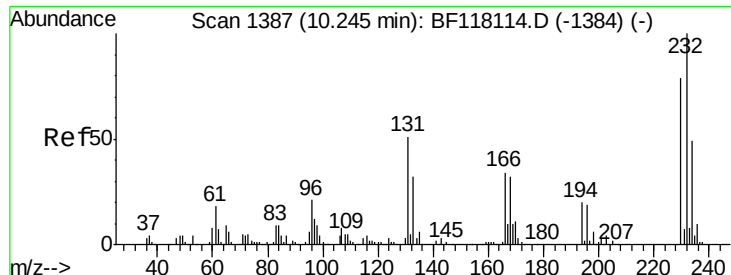
mohammad
12/9/2019 3:09:57 PM



#58
Fluorene
Concen: 38.659 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	763249		
165	97.8	79.0	118.4	
167	13.6	10.9	16.3	





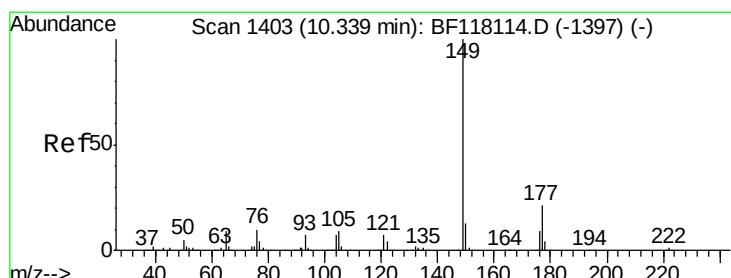
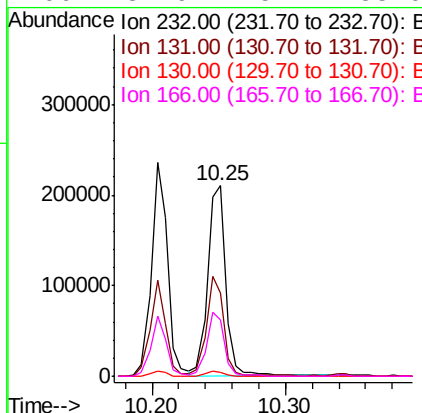
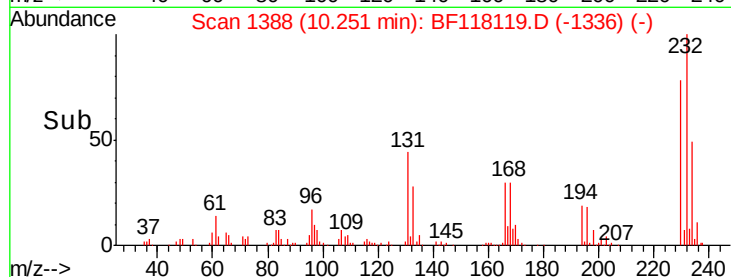
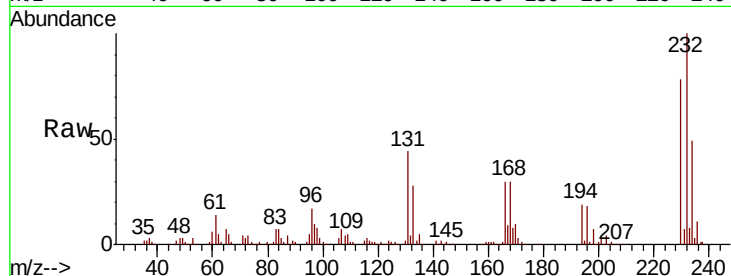
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.756 ng
RT: 10.25 min Scan# 1388
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Resp	Lower	Upper
232	100	198905		
131	49.7		38.8	58.2
130	2.5		1.9	2.9
166	32.9		25.4	38.0

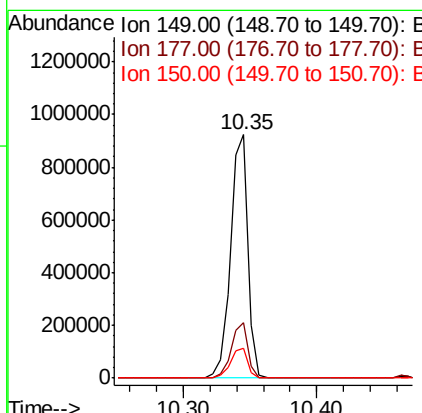
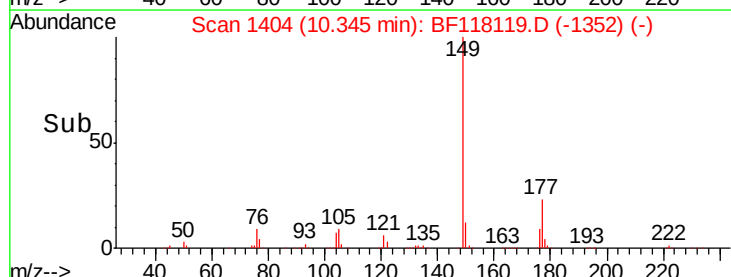
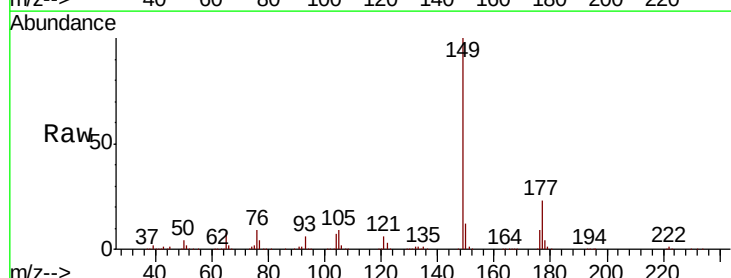
Manual Integrations
APPROVED

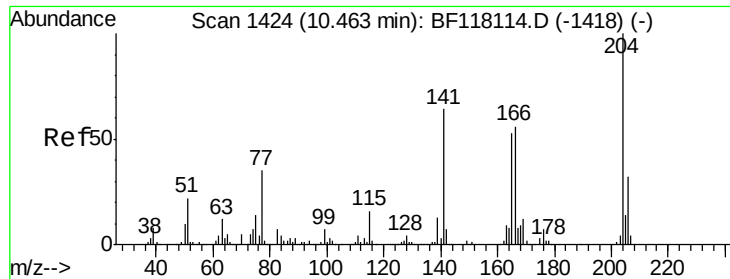
mohammad
12/9/2019 3:09:57 PM



#60
Diethylphthalate
Concen: 38.979 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	842092		
177	22.6		17.0	25.4
150	12.3		10.1	15.1





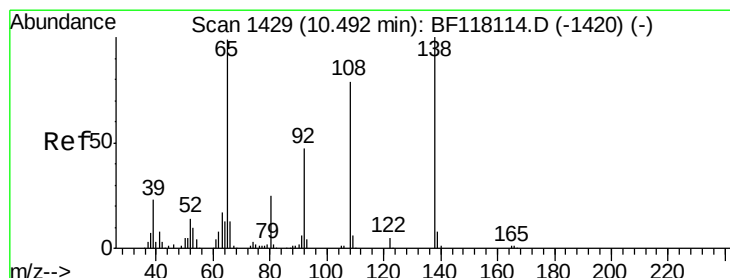
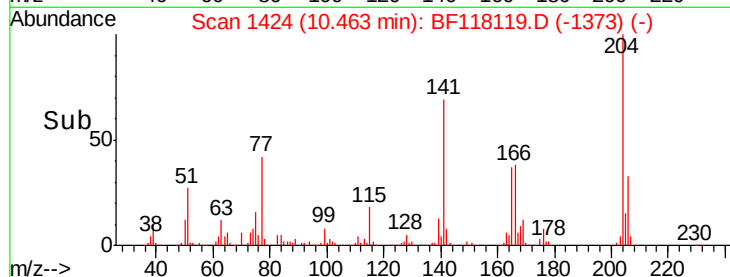
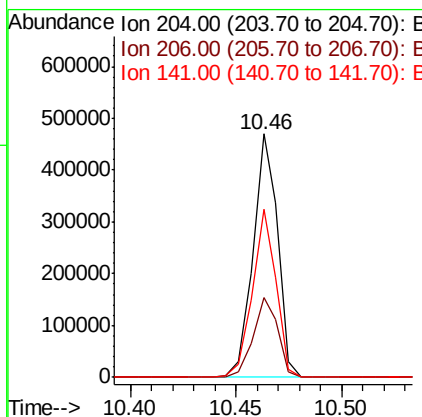
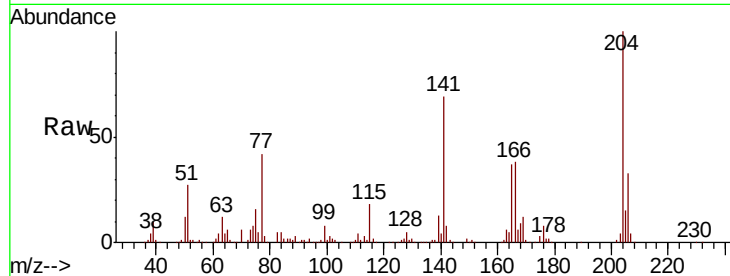
#61
4-Chlorophenyl-phenylether
Concen: 38.235 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.0	39.0
141	69.1	51.0	76.6

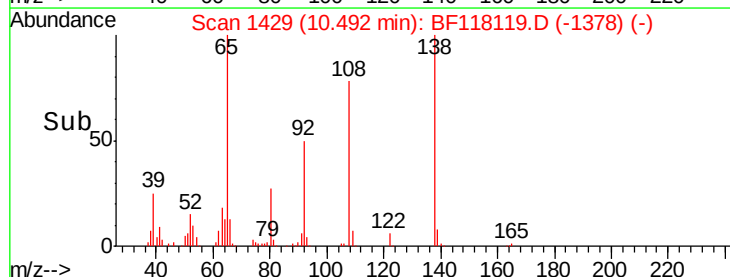
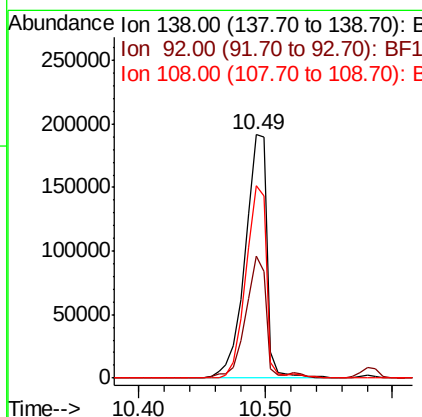
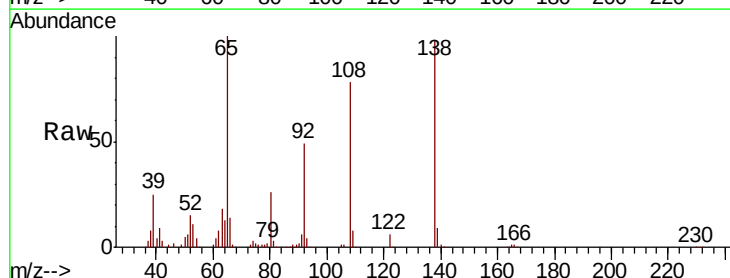
Manual Integrations
APPROVED

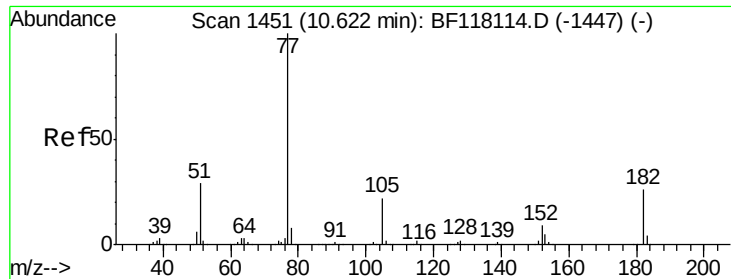
mohammad
12/9/2019 3:09:57 PM



#62
4-Nitroaniline
Concen: 39.428 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	27.1	67.1
108	79.2	59.0	99.0





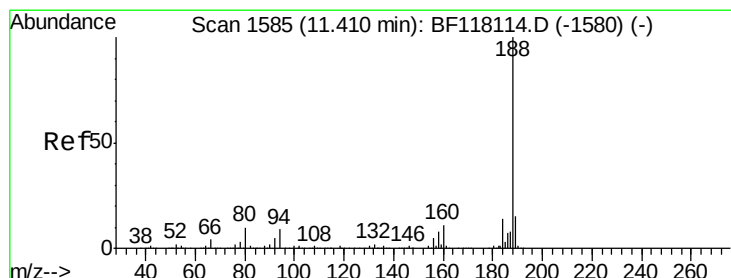
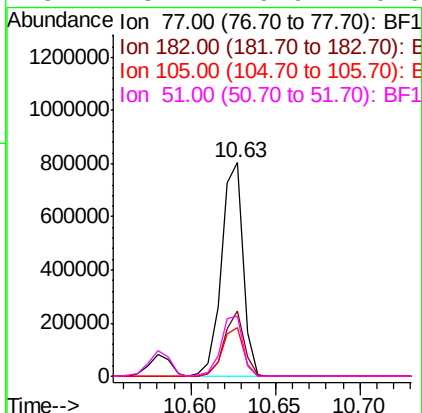
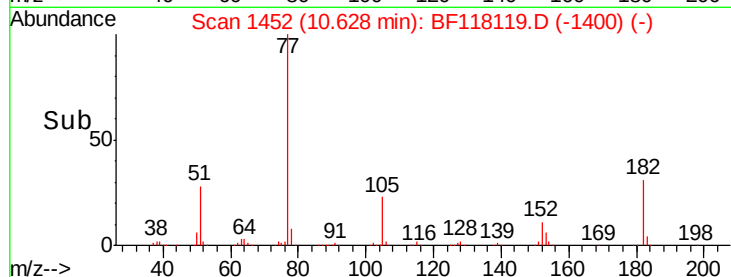
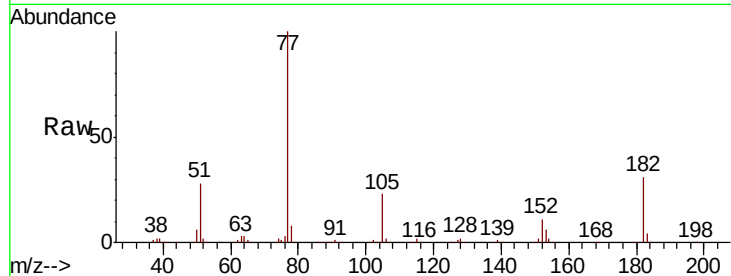
#63
Azobenzene
Concen: 38.662 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.8	5.7	45.7	
105	22.9	2.2	42.2	
51	28.2	9.6	49.6	

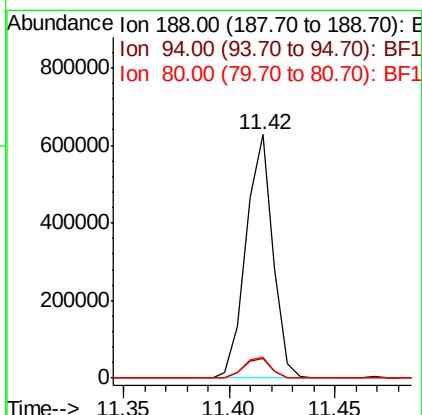
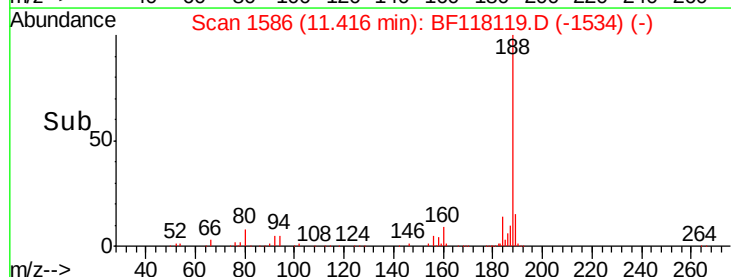
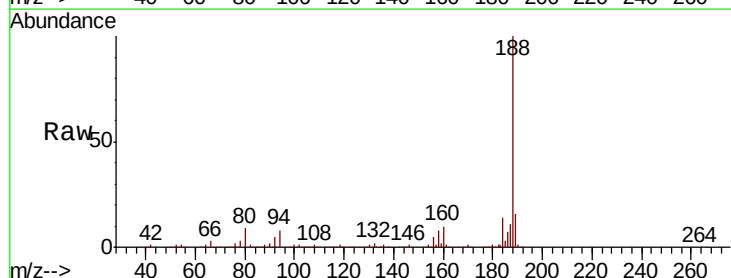
Manual Integrations
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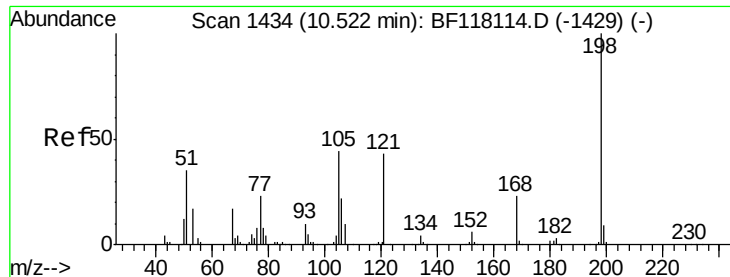
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	7.1	10.7	
80	8.8	7.9	11.9	





#65

4,6-Dinitro-2-methylphenol

Concen: 39.241 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

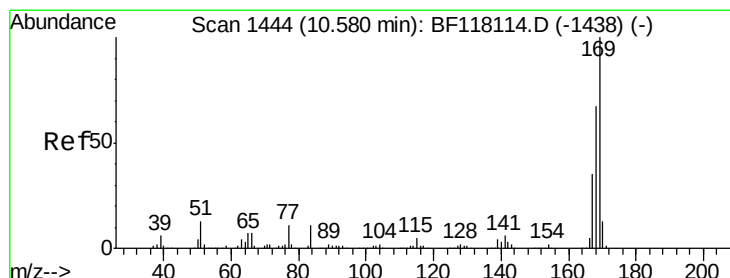
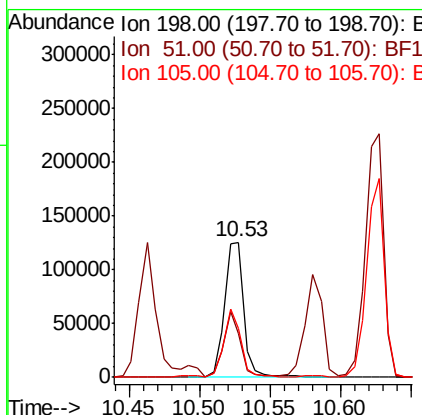
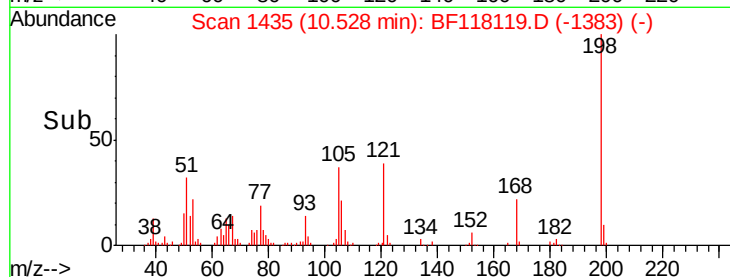
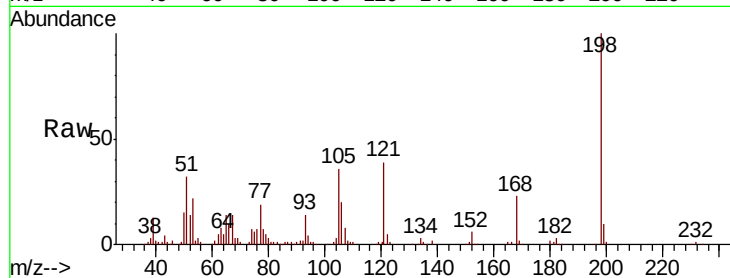
ClientSampleId :

ICVBF120619

Tot Ion:	198	Resp:	120144
Ion Ratio	Lower	Upper	
198	100		
51	32.4	22.0	62.0
105	36.4	25.6	65.6

Manual Integrations
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#66

n-Nitrosodiphenylamine

Concen: 38.719 ng

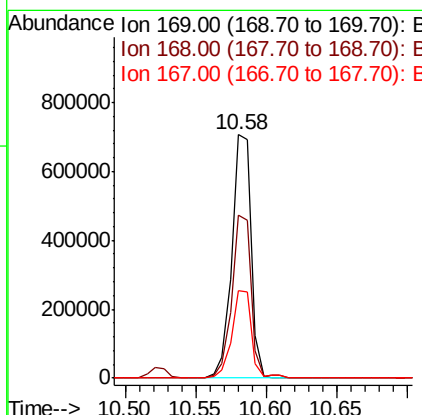
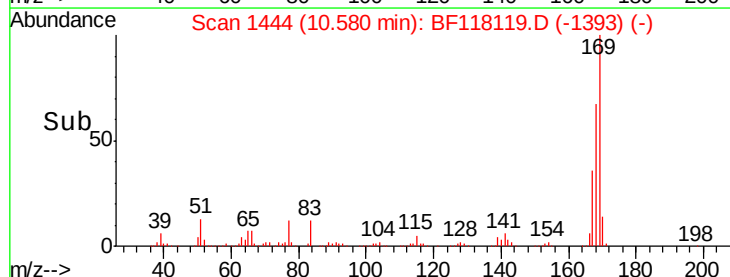
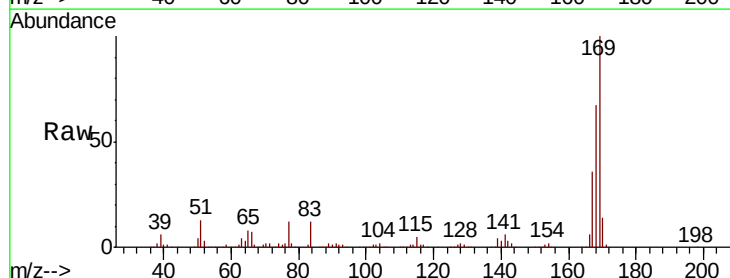
RT: 10.58 min Scan# 1444

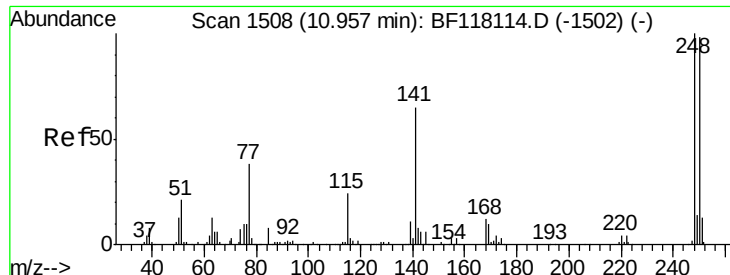
Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:	169	Resp:	670338
Ion Ratio	Lower	Upper	
169	100		
168	66.9	53.4	80.2
167	35.7	28.4	42.6





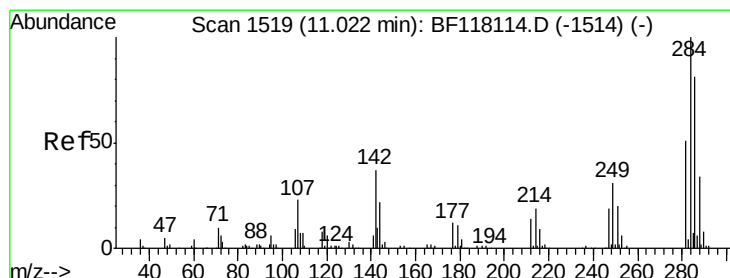
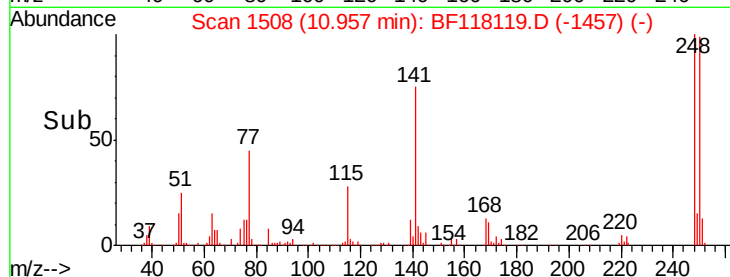
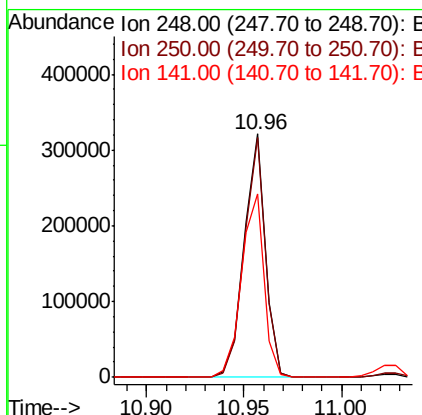
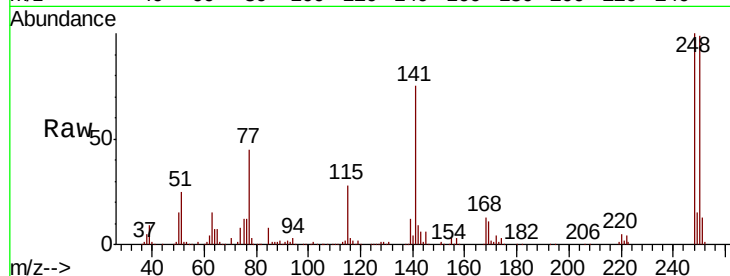
#67
4-Bromophenyl-phenylether
Concen: 38.412 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.3	117.5
141	75.4	52.2	78.4

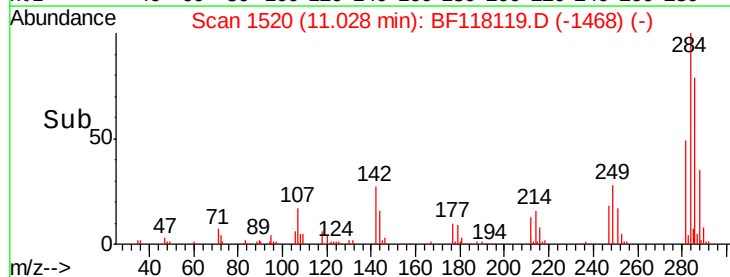
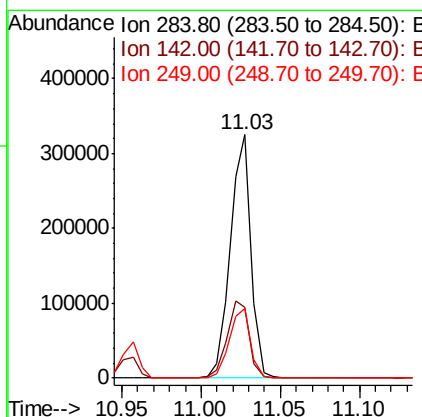
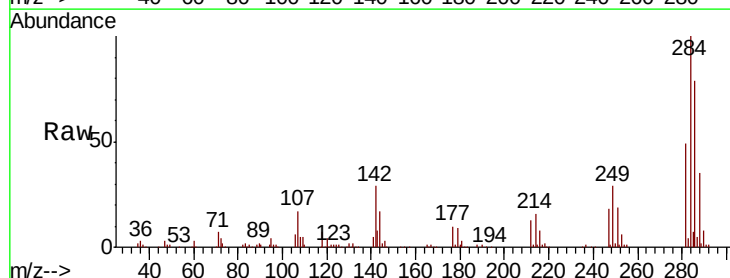
Manual Integrations
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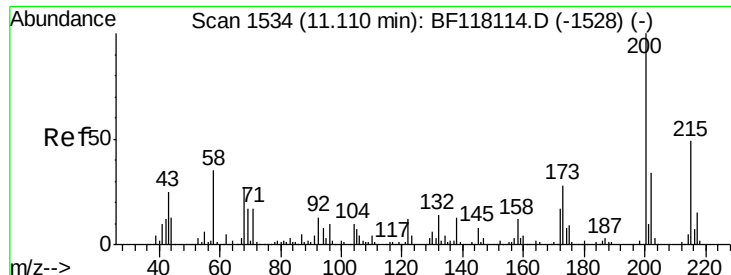
mohammad
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#68
Hexachlorobenzene
Concen: 39.235 ng
RT: 11.03 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	29.7	44.5#
249	28.7	24.6	37.0





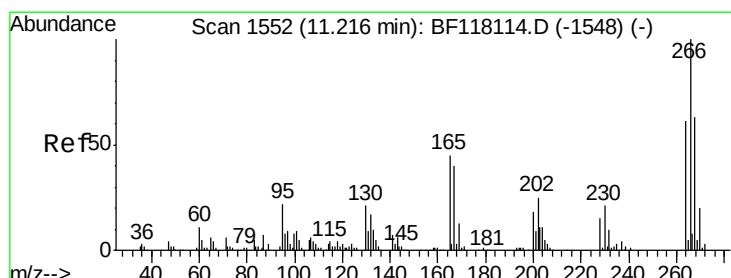
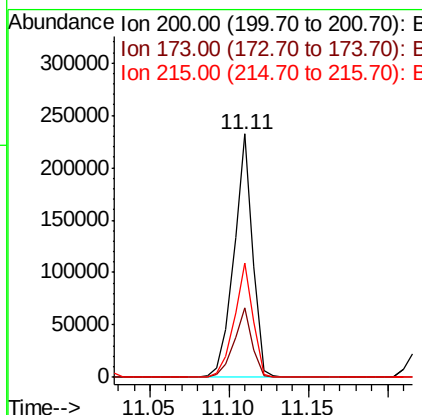
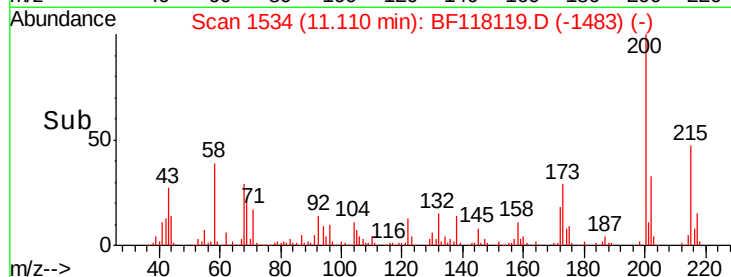
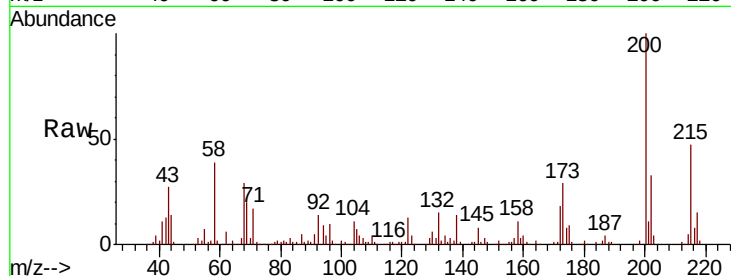
#69
Atrazine
Concen: 39.323 ng
RT: 11.11 min Scan# 1534
Delta R.T. 0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Resp	Lower	Upper
200	100	189569		
173	28.5	8.1	48.1	
215	47.2	29.0	69.0	

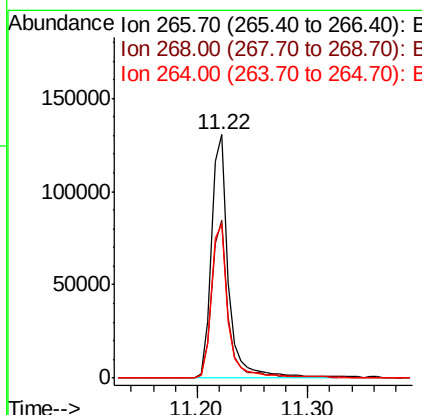
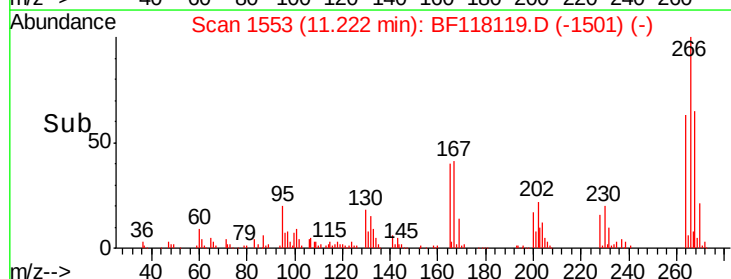
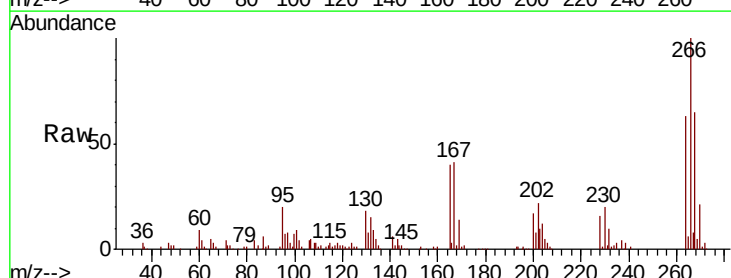
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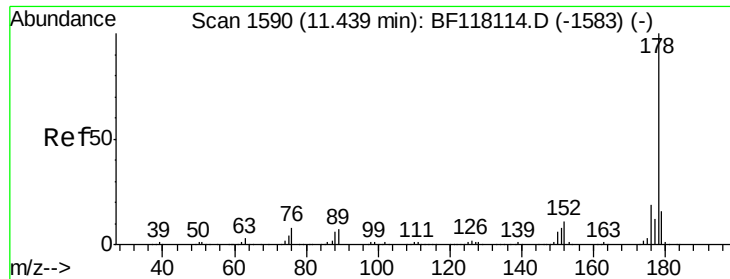
mohammad
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#70
Pentachlorophenol
Concen: 39.373 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	137923		
268	65.0	50.7	76.1	
264	63.1	48.7	73.1	





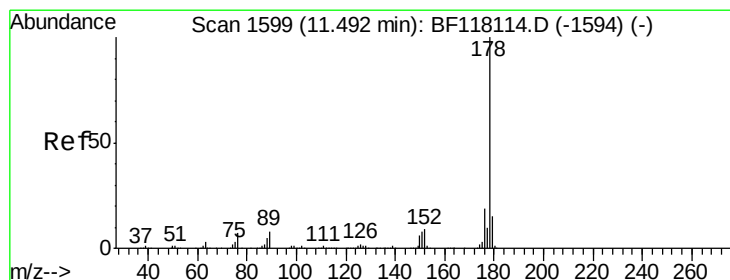
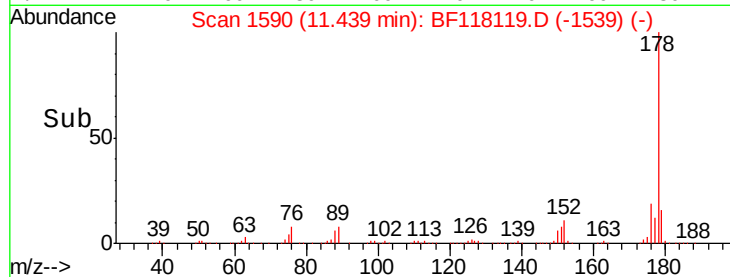
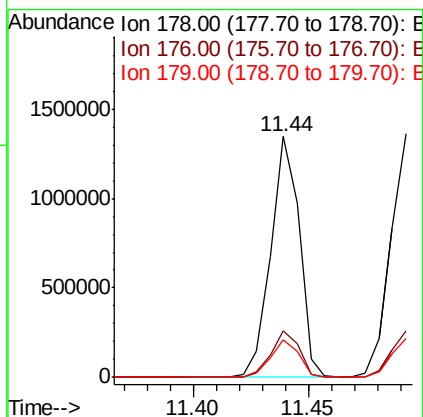
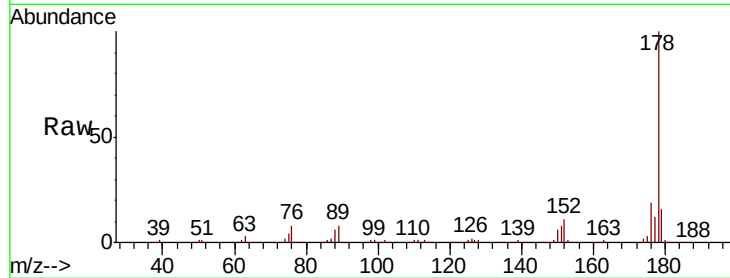
#71
Phenanthrene
Concen: 39.217 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	15.8	12.6	18.8

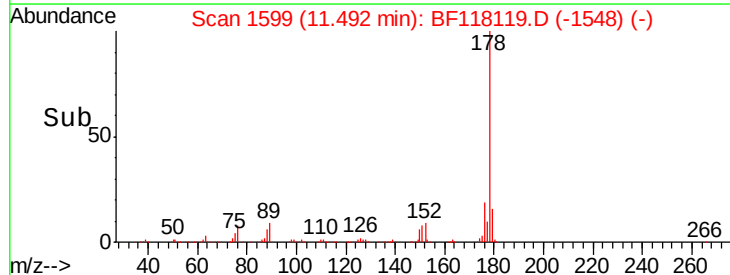
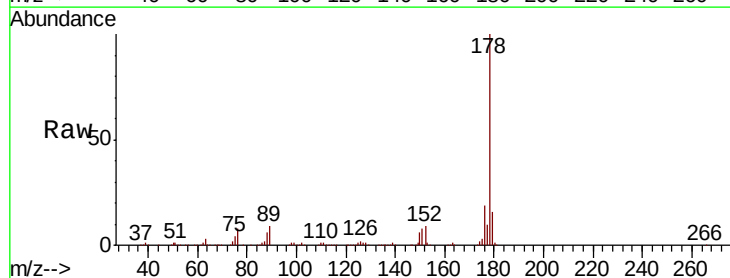
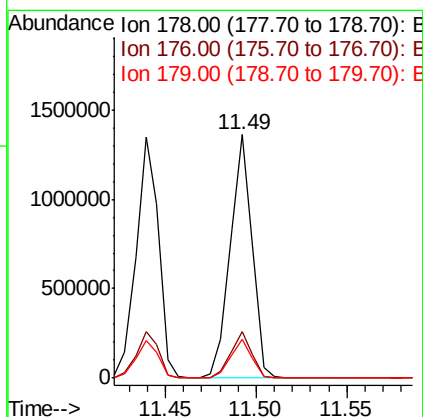
Manual Integrations
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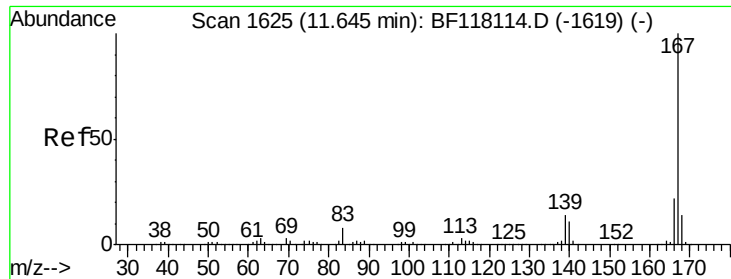
mohammad
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#72
Anthracene
Concen: 38.916 ng
RT: 11.49 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.0	22.6
179	15.8	12.2	18.4





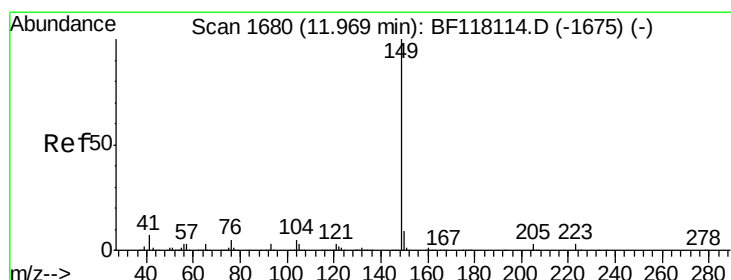
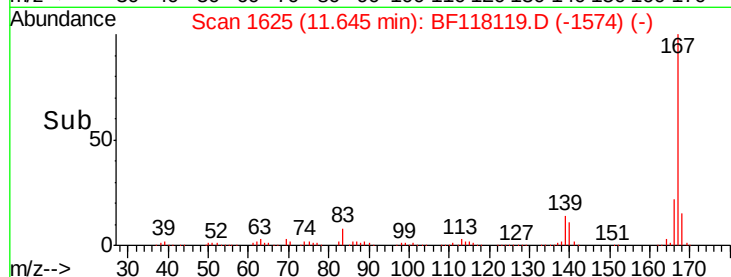
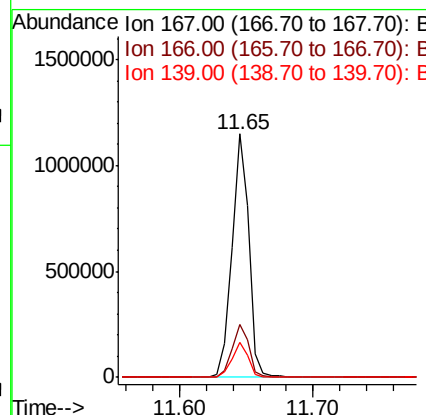
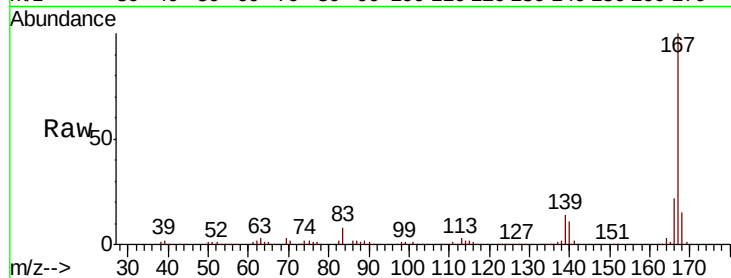
#73
 Carbazole
 Concen: 38.921 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF120619

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	14.3	11.4	17.0

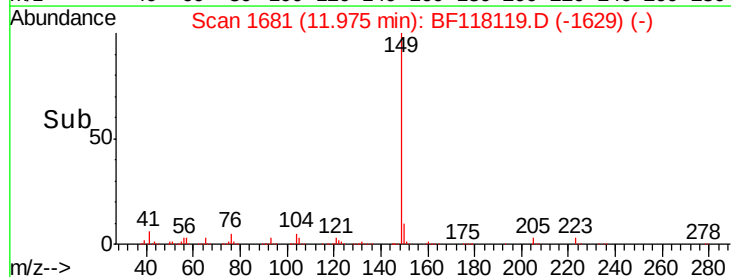
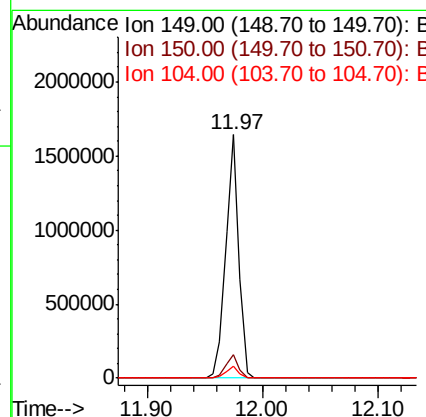
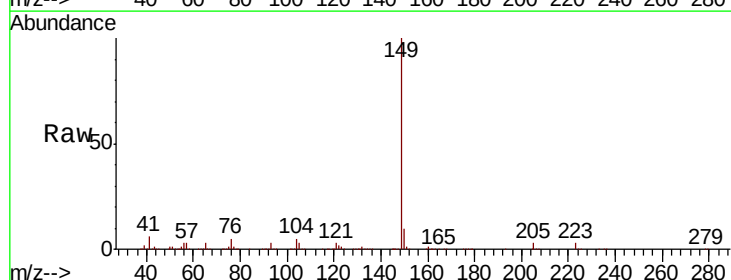
Manual Integrations
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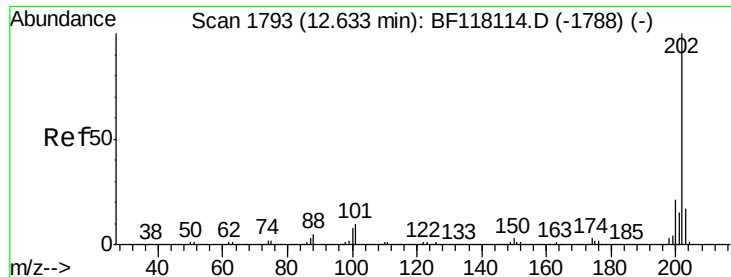
mohammad
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#74
 Di-n-butylphthalate
 Concen: 38.679 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. 0.01 min
 Lab File: BF118119.D
 Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.4	11.2
104	5.1	4.3	6.5





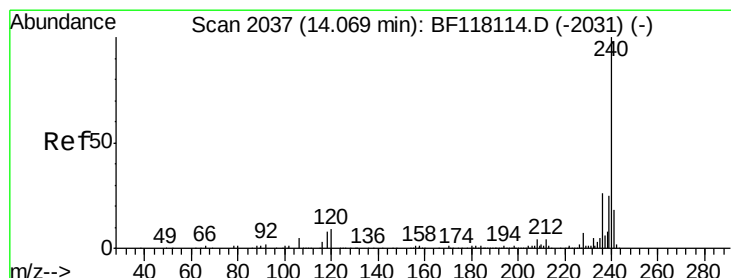
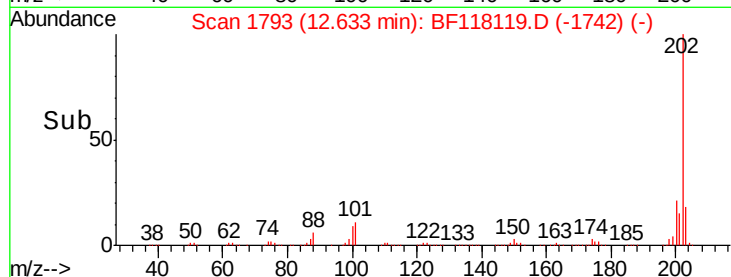
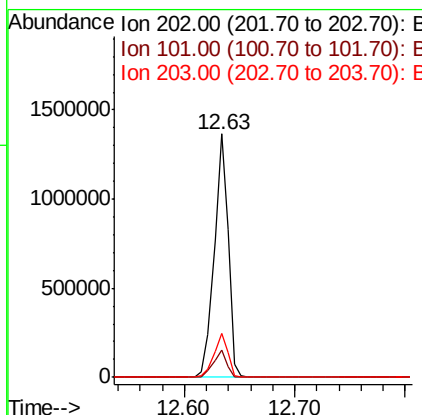
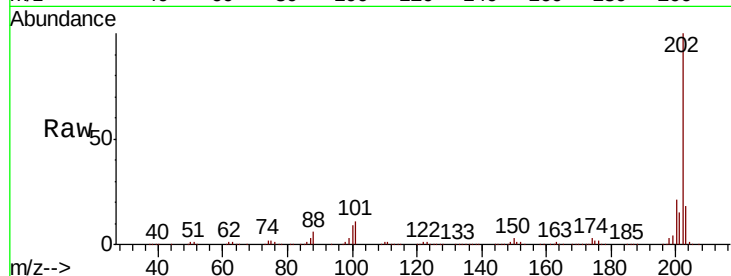
#75
Fluoranthene
Concen: 38.987 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	30.4
203	17.9	0.0	37.2

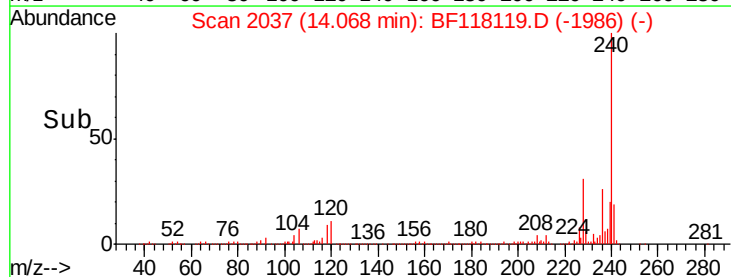
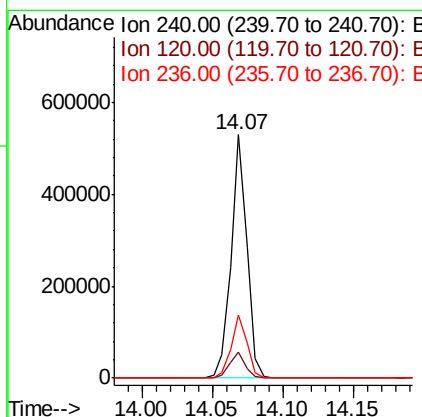
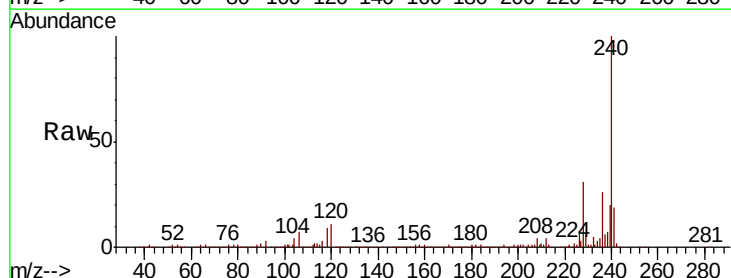
Manual Integrations
APPROVED

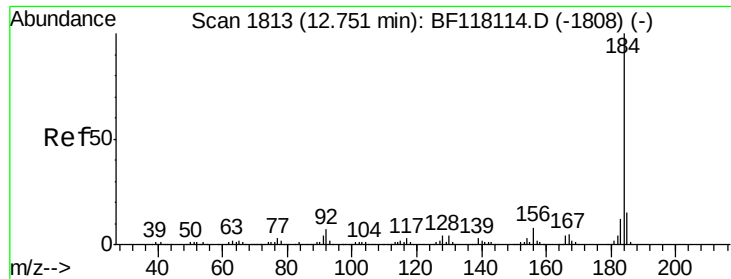
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.1	10.7#
236	26.0	21.0	31.6





#77

Benzidine

Concen: 39.070 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

ICVBF120619

Tot Ion:184 Resp: 423308

Ion Ratio Lower Upper

184 100

185 16.9 12.3 18.5

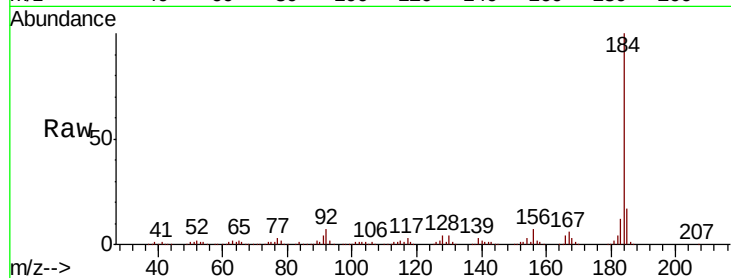
183 12.2 9.9 14.9

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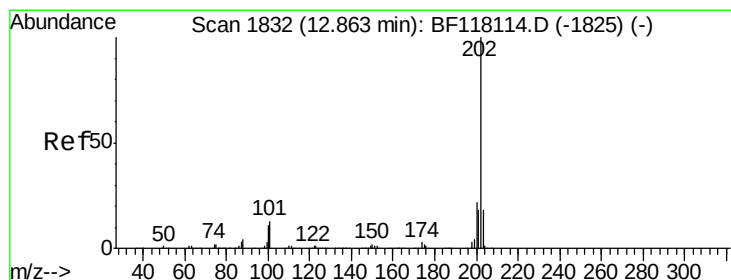
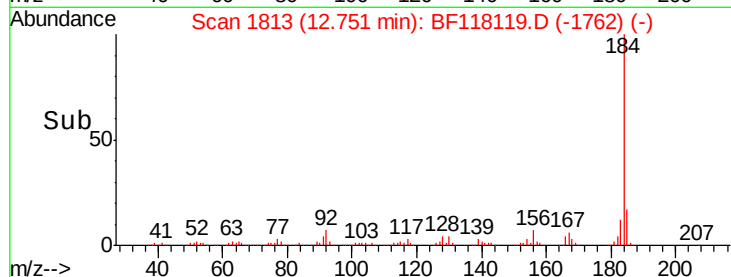
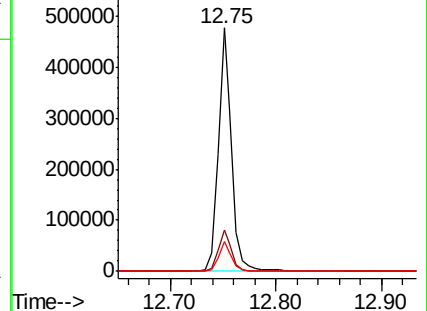
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 36.961 ng

RT: 12.86 min Scan# 1832

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

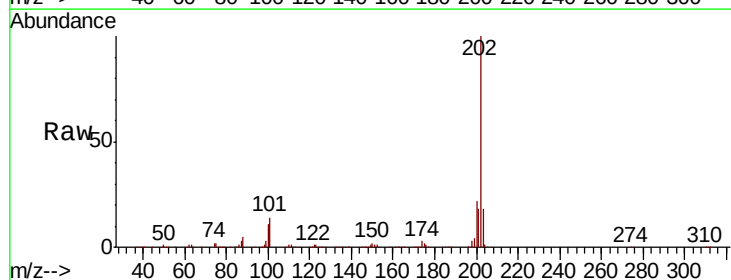
Tgt Ion:202 Resp: 1198759

Ion Ratio Lower Upper

202 100

200 21.5 17.5 26.3

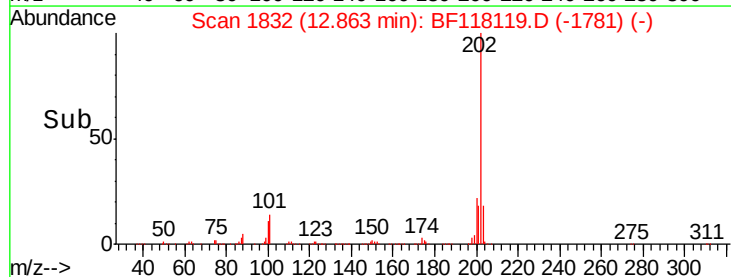
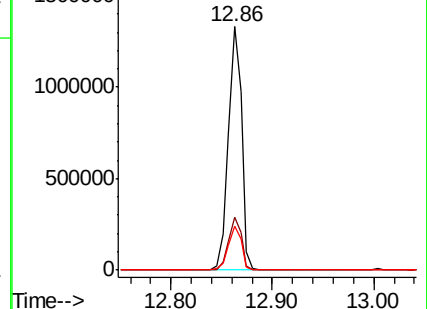
203 18.2 14.6 21.8

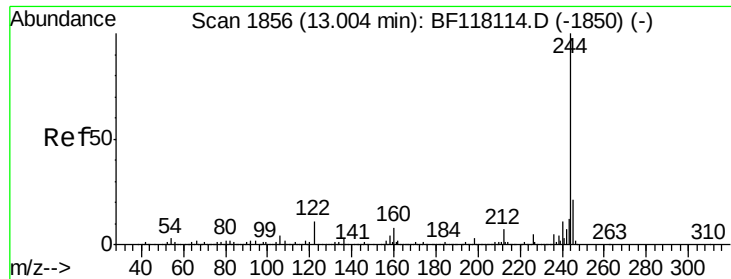


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.690 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

ICVBF120619

Tot Ion:244 Resp: 1787577

Ion Ratio Lower Upper

244 100

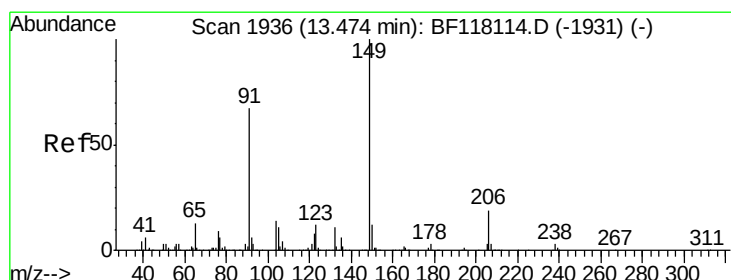
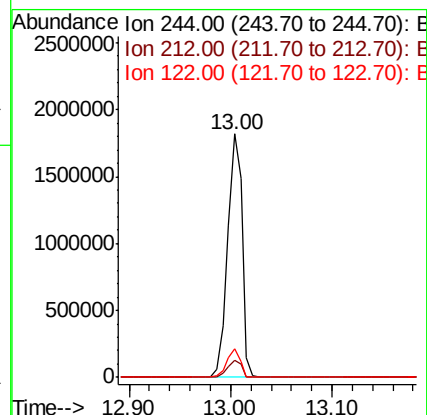
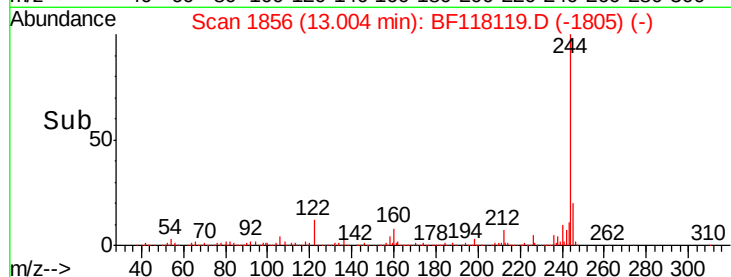
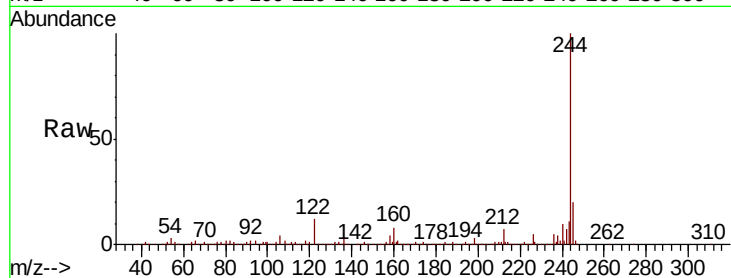
212 7.2 5.9 8.9

122 11.7 9.0 13.6

Manual Integrations
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#80

Butylbenzylphthalate

Concen: 37.015 ng

RT: 13.48 min Scan# 1937

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

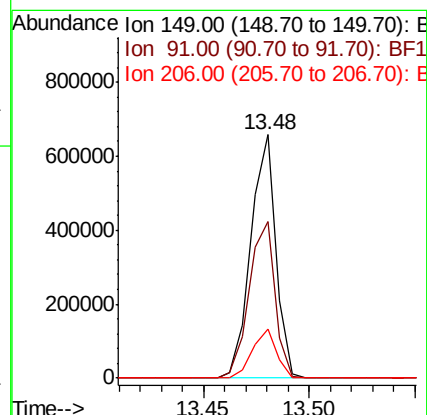
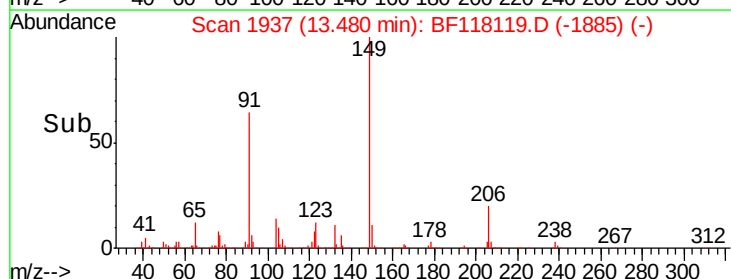
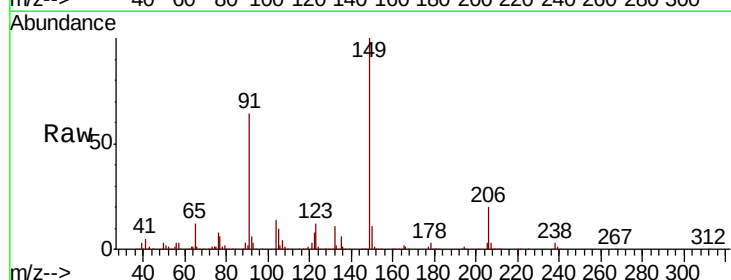
Tgt Ion:149 Resp: 543698

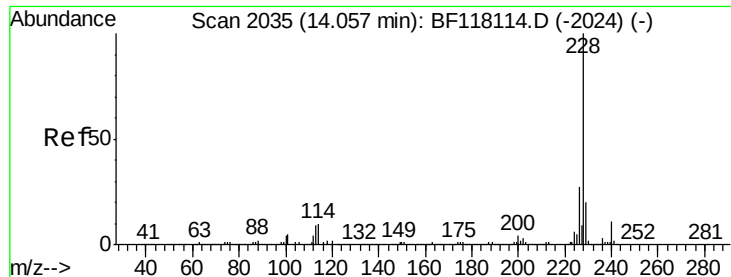
Ion Ratio Lower Upper

149 100

91 64.3 53.9 80.9

206 20.2 15.2 22.8





#81

Benzo(a)anthracene

Concen: 38.231 ng

RT: 14.06 min Scan# 2035

Delta R.T. 0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

ClientSampleId :

ICVBF120619

Tot Ion:228 Resp: 1087986

Ion Ratio Lower Upper

228 100

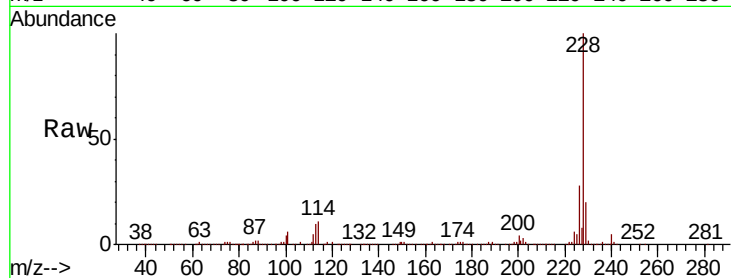
226 27.6 21.8 32.8

229 20.4 15.8 23.8

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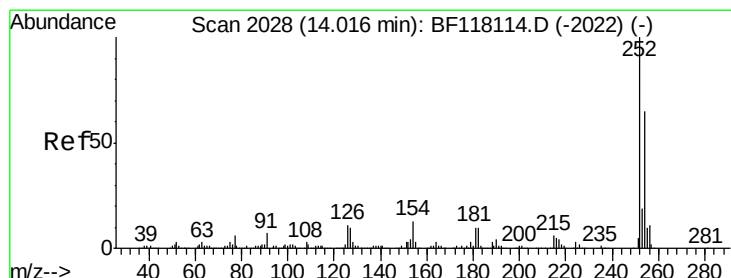
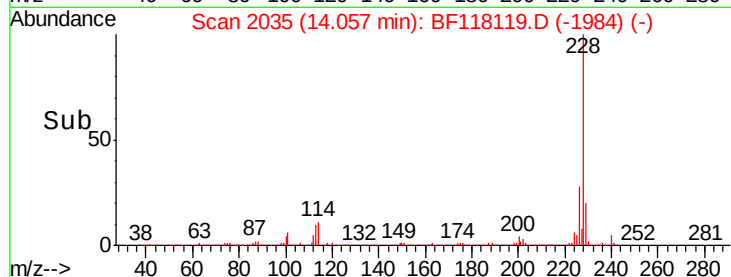
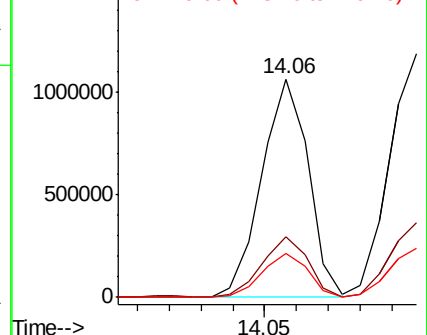


Abundance

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: 37.805 ng

RT: 14.02 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

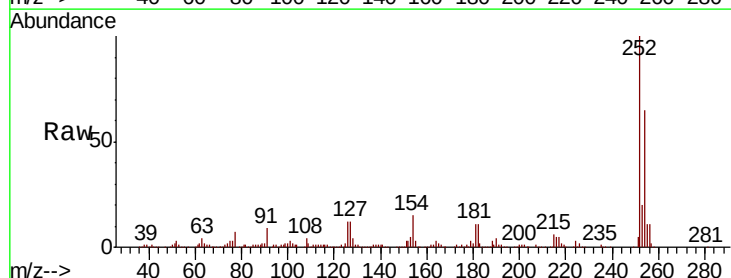
Tgt Ion:252 Resp: 353336

Ion Ratio Lower Upper

252 100

254 65.3 52.2 78.4

126 12.3 8.6 13.0

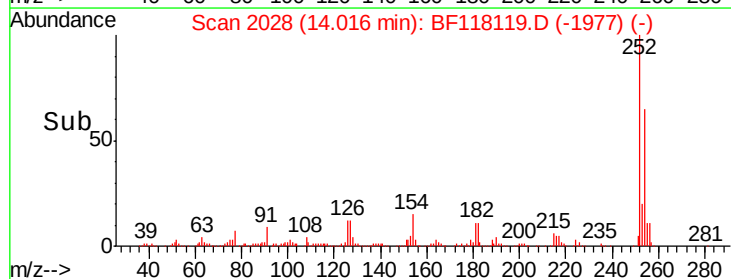
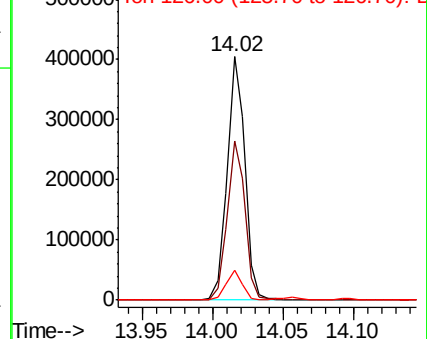


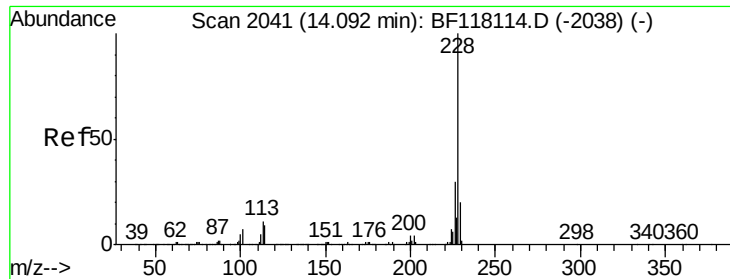
Abundance

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





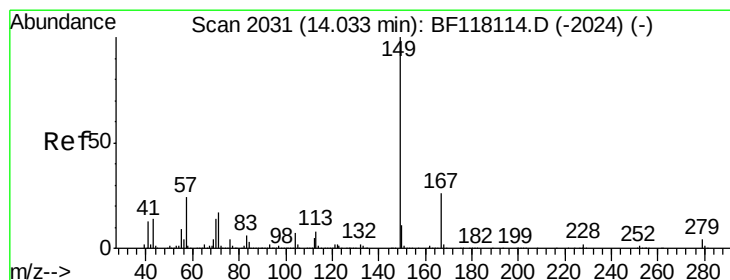
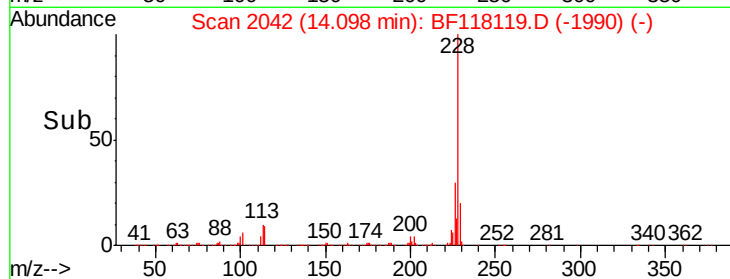
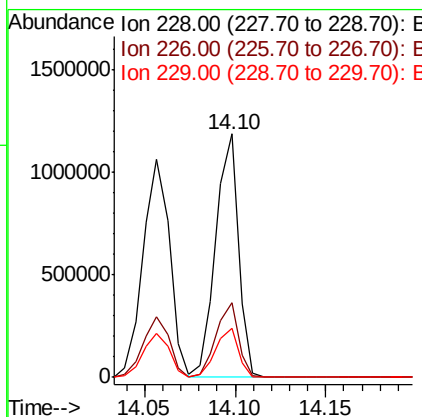
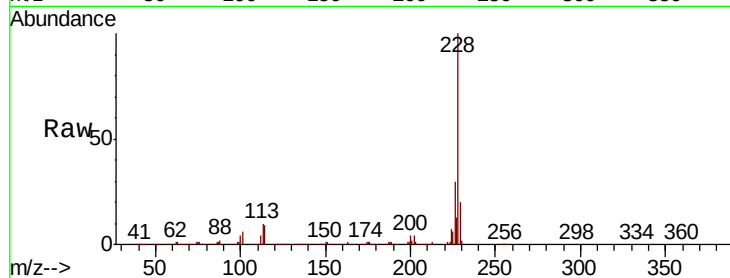
#83
Chrysene
Concen: 38.256 ng
RT: 14.10 min Scan# 2042
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	19.9	15.7	23.5

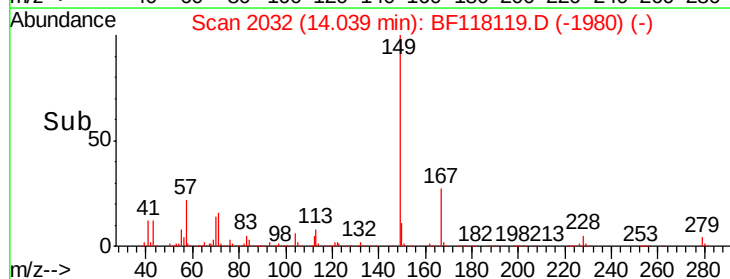
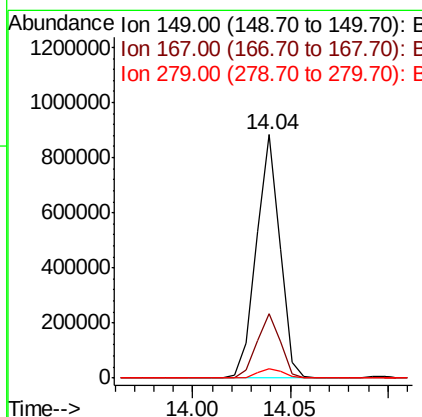
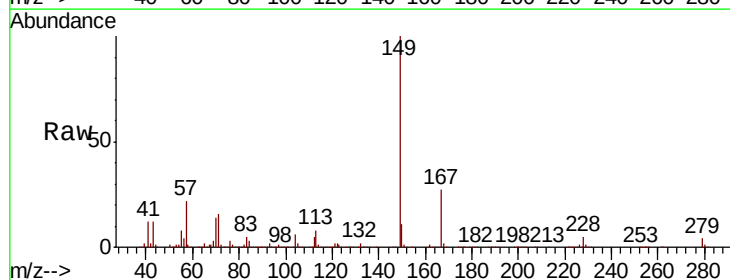
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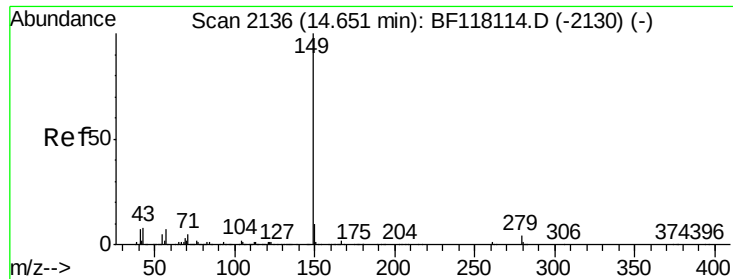
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.108 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	20.8	31.2
279	4.1	2.9	4.3





#85

Di-n-octyl phthalate

Concen: 39.996 ng

RT: 14.66 min Scan# 2137

Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Instrument :

BNA_F

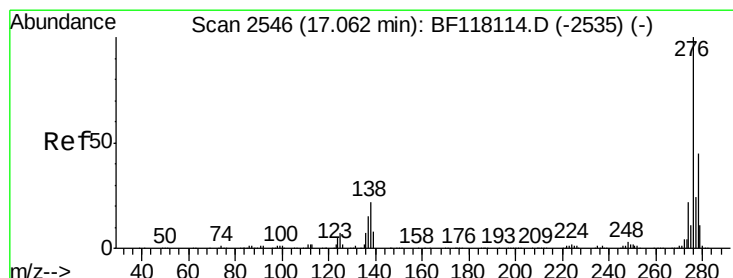
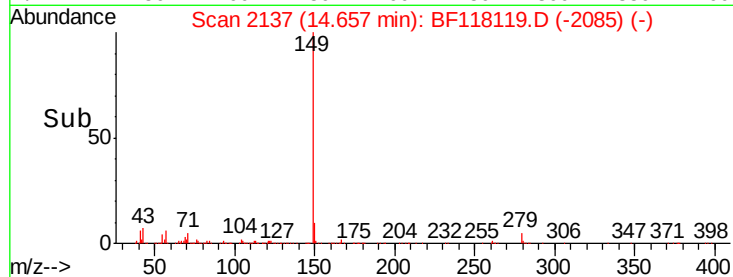
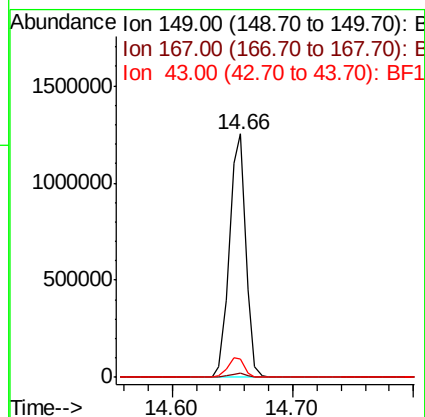
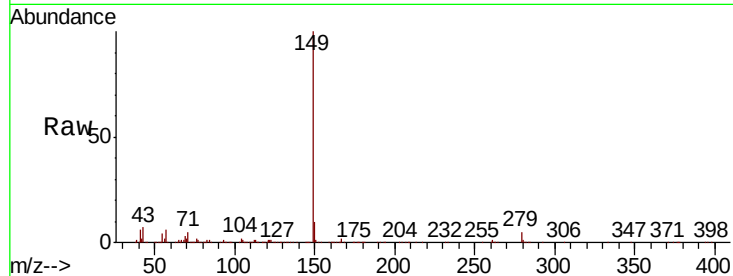
ClientSampleId :

ICVBF120619

Tot Ion:	149	Resp:	1173471
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.3	1.9
43	8.1	6.5	9.7

Manual Integrations
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#86

Indeno(1,2,3-cd)pyrene

Concen: 36.473 ng

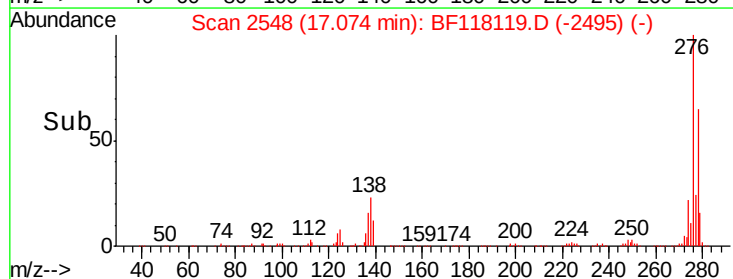
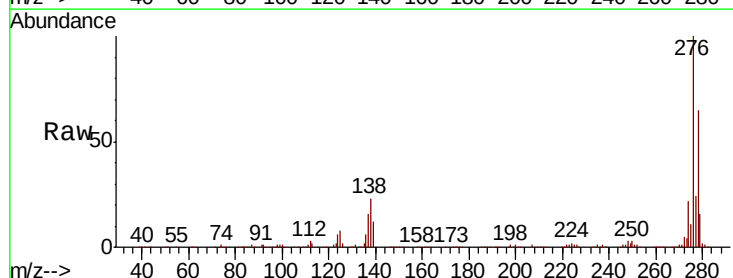
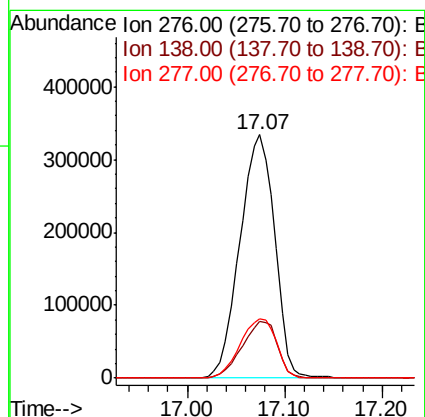
RT: 17.07 min Scan# 2548

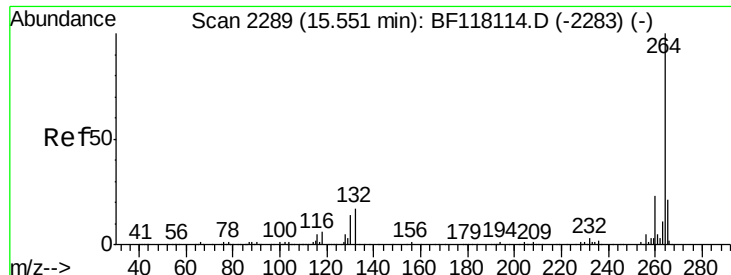
Delta R.T. 0.01 min

Lab File: BF118119.D

Acq: 6 Dec 2019 17:43

Tgt Ion:	276	Resp:	834255
Ion Ratio	Lower	Upper	
276	100		
138	23.7	18.9	28.3
277	25.5	20.4	30.6





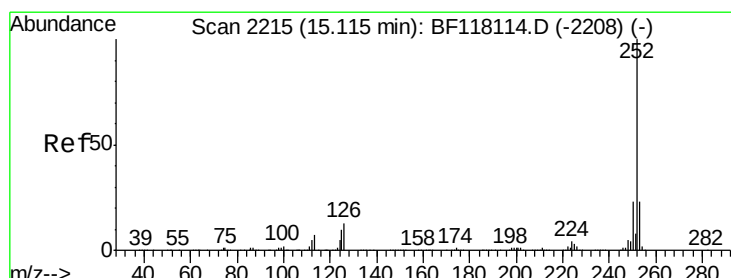
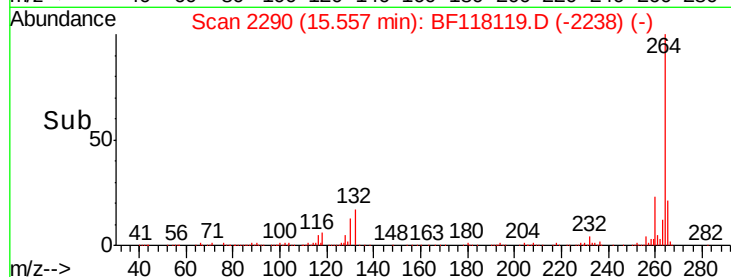
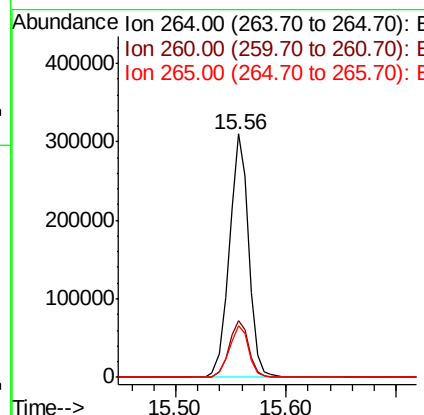
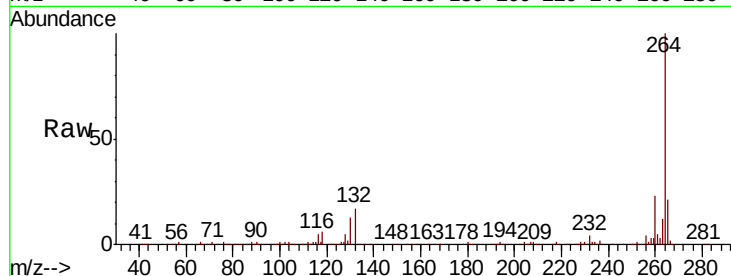
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.56 min Scan# 2290
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.2	16.8	25.2

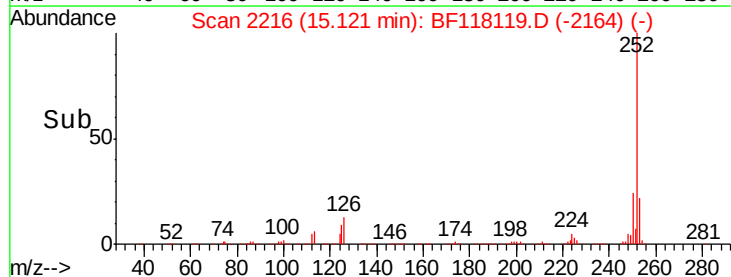
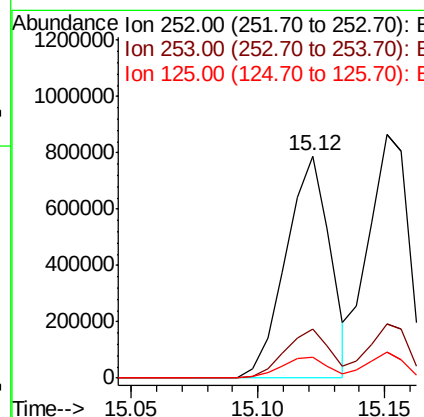
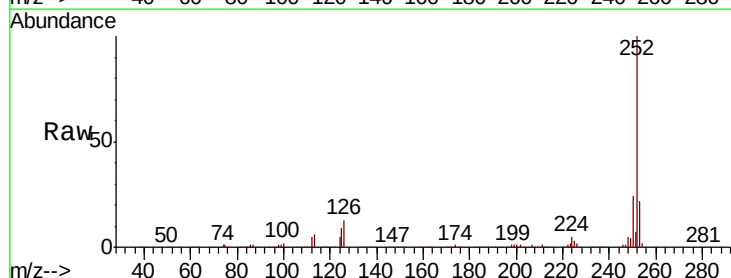
Manual Integrations
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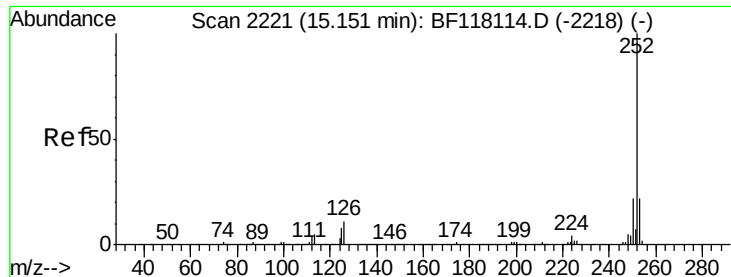
mohammad
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#88
Benzo(b)fluoranthene
Concen: 38.158 ng
RT: 15.12 min Scan# 2216
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.4
125	9.3	8.3	12.5





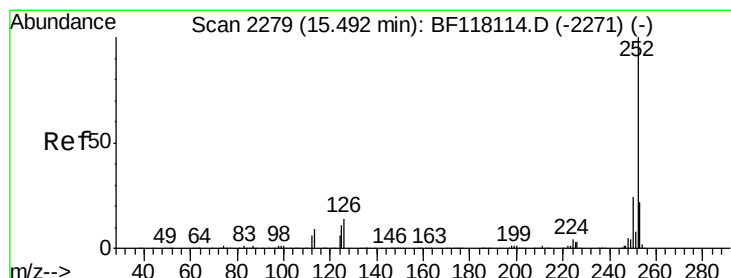
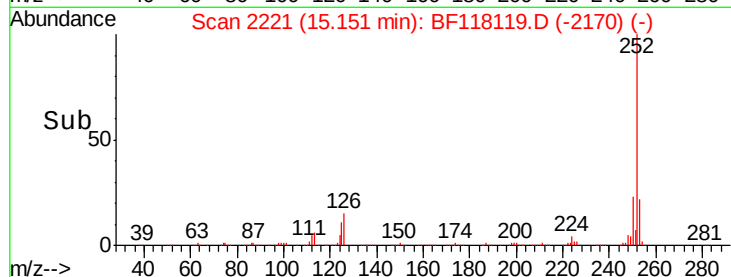
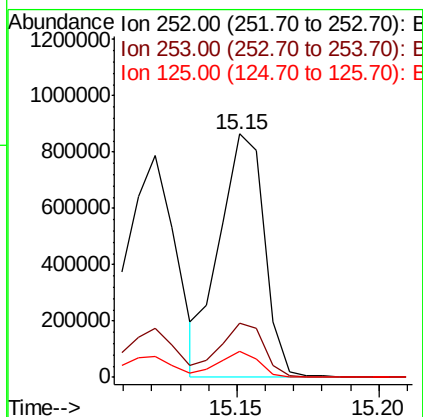
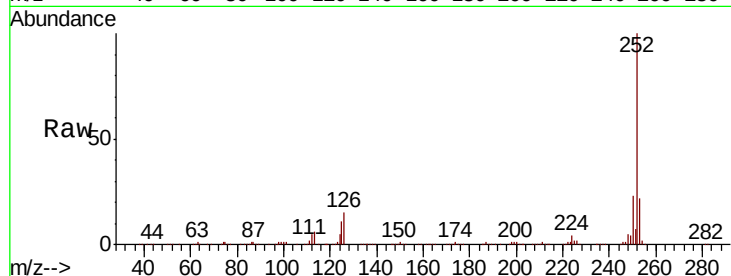
#89
Benzo(k)fluoranthene
Concen: 39.678 ng m
RT: 15.15 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	10.5	6.7	10.1

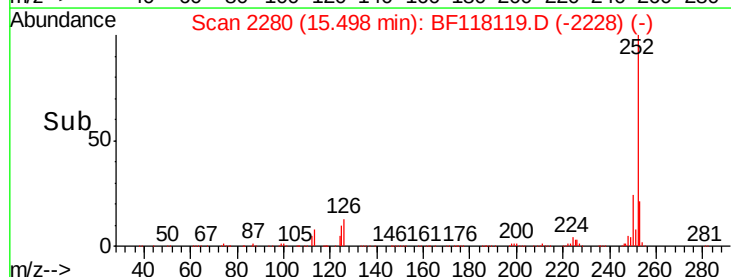
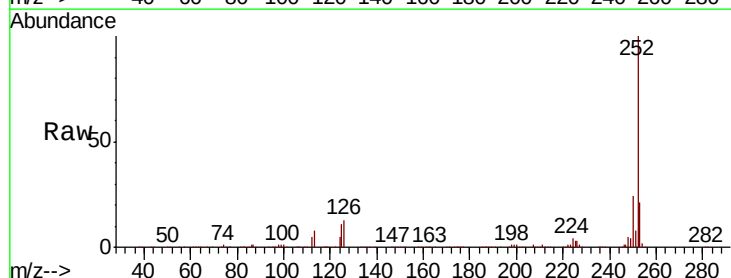
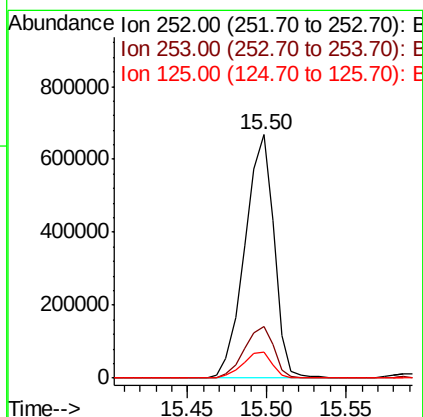
Manual Integrations
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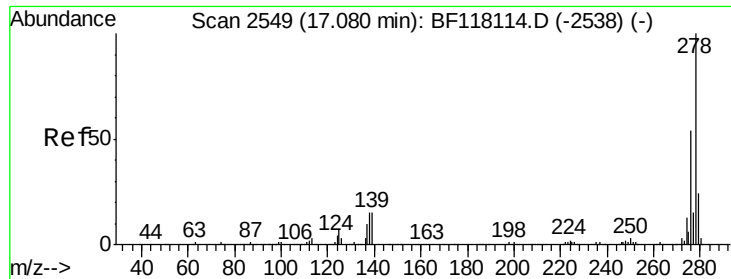
mohammad
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#90
Benzo(a)pyrene
Concen: 38.571 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.5	26.3
125	10.5	9.1	13.7





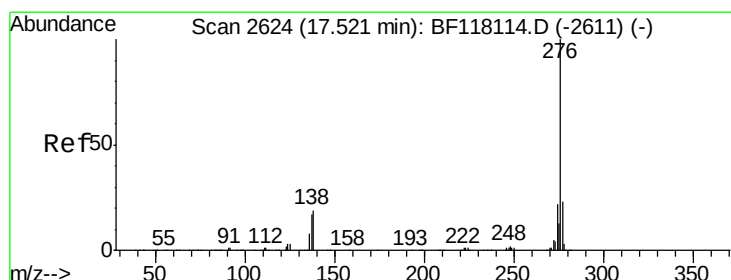
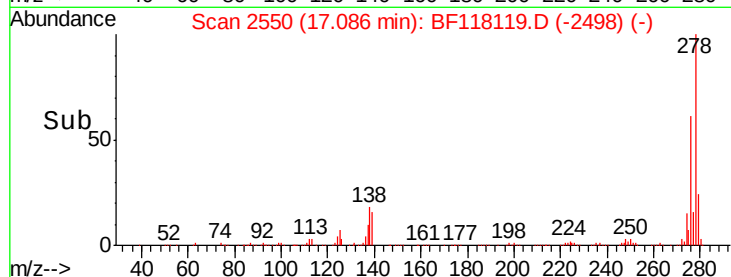
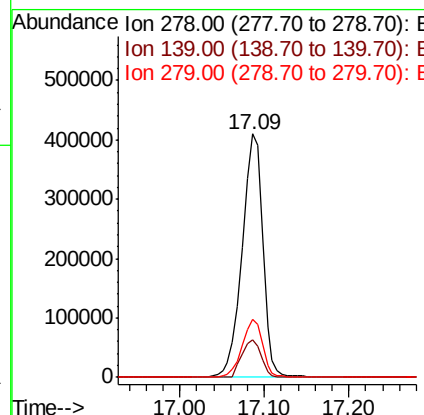
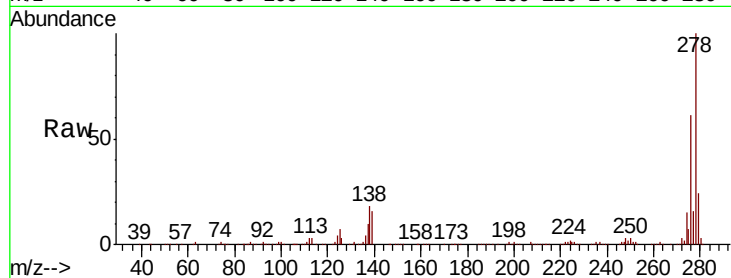
#91
Dibenzo(a,h)anthracene
Concen: 36.330 ng
RT: 17.09 min Scan# 2550
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Instrument :
BNA_F
ClientSampleId :
ICVBF120619

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.5	11.7	17.5
279	23.9	19.0	28.4

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 35.644 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.01 min
Lab File: BF118119.D
Acq: 6 Dec 2019 17:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.2	27.4
138	19.1	15.5	23.3

