

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF123019\
 Data File : BF118394.D
 Acq On : 30 Dec 2019 21:24
 Operator : JU
 Sample : K6456-03MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Manual Integrations
 APPROVED

mohammad
 12/31/2019 12:04:35 PM

Quant Time: Dec 31 07:35:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	142180	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	560312	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	285880	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	469483	20.00	ng	0.00
76) Chrysene-d12	14.06	240	286975	20.00	ng	0.00
87) Perylene-d12	15.55	264	274845	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	857366	102.93	ng	0.02
7) Phenol-d6	6.50	99	1100697	106.53	ng	0.01
23) Nitrobenzene-d5	7.42	82	660442	67.42	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	333391	94.43	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	1374509	73.39	ng	0.00
79) Terphenyl-d14	12.99	244	1260091	72.85	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	121750	36.770	ng	98
3) Pyridine	3.42	79	289198	32.782	ng	99
4) n-Nitrosodimethylamine	3.37	42	146578	40.187	ng	98
6) Aniline	6.52	93	295644	22.533	ng	93
8) 2-Chlorophenol	6.65	128	408084	43.259	ng	98
9) Benzaldehyde	6.40	77	219256	36.193	ng	99
10) Phenol	6.51	94	484932	41.756	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	352661	42.460	ng	97
12) 1,3-Dichlorobenzene	6.79	146	442793	40.756	ng	99
13) 1,4-Dichlorobenzene	6.87	146	451118	40.880	ng	98
14) 1,2-Dichlorobenzene	7.03	146	422120	40.516	ng	97
15) Benzyl Alcohol	7.00	79	325639	41.392	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.13	45	366280	41.328	ng	64
17) 2-Methylphenol	7.12	107	319769	42.263	ng	97
18) Hexachloroethane	7.36	117	151012	37.286	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	261664	41.108	ng	98
20) 3+4-Methylphenols	7.27	107	417574	43.121	ng	# 81
22) Acetophenone	7.27	105	552238	40.214	ng	98
24) Nitrobenzene	7.45	77	400272	40.788	ng	96
25) Isophorone	7.68	82	715152	41.887	ng	99
26) 2-Nitrophenol	7.76	139	218914	42.116	ng	95
27) 2,4-Dimethylphenol	7.80	122	343148	48.386	ng	99
28) bis(2-Chloroethoxy)methane	7.89	93	459165	41.122	ng	99
29) 2,4-Dichlorophenol	8.01	162	344818	42.243	ng	97
30) 1,2,4-Trichlorobenzene	8.09	180	376995	39.647	ng	99
31) Naphthalene	8.16	128	1175842	41.288	ng	99
32) Benzoic acid	7.95	122	195862	34.514	ng	95
33) 4-Chloroaniline	8.22	127	114584	9.385	ng	98
34) Hexachlorobutadiene	8.27	225	223364	39.462	ng	98
35) Caprolactam	8.60	113	107730m	42.273	ng	
36) 4-Chloro-3-methylphenol	8.72	107	359585	41.030	ng	97
37) 2-Methylnaphthalene	8.86	142	816603	41.881	ng	99
38) 1-Methylnaphthalene	8.96	142	758684	41.300	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.03	216	354636	41.287	ng	100

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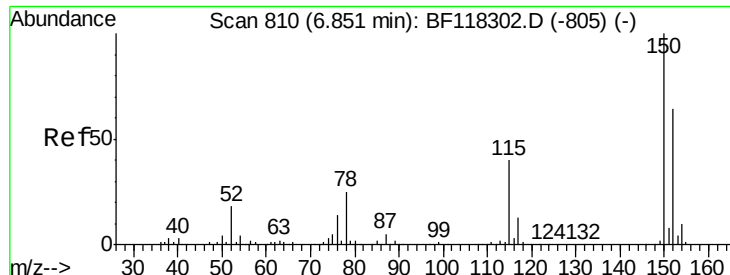
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	63180	24.534	nq	98
43) 2,4,6-Trichlorophenol	9.15	196	242095	42.189	nq	98
44) 2,4,5-Trichlorophenol	9.19	196	258392	43.772	nq	99
46) 1,1'-Biphenyl	9.32	154	957846	42.361	nq	99
47) 2-Chloronaphthalene	9.35	162	742992	40.827	nq	99
48) 2-Nitroaniline	9.45	65	203316	39.554	nq	99
49) Acenaphthylene	9.77	152	1137065	42.129	nq	100
50) Dimethylphthalate	9.62	163	1004848	46.826	nq	99
51) 2,6-Dinitrotoluene	9.69	165	194670	42.078	nq	100
52) Acenaphthene	9.94	154	668531	40.665	nq	99
53) 3-Nitroaniline	9.86	138	104717	19.285	nq	92
54) 2,4-Dinitrophenol	9.99	184	37811	20.343	nq	95
55) Dibenzofuran	10.11	168	1011462	41.638	nq	97
56) 4-Nitrophenol	10.05	139	254378	75.884	nq	94
57) 2,4-Dinitrotoluene	10.10	165	244851	39.608	nq	# 86
58) Fluorene	10.46	166	783845	39.973	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.24	232	192441	38.368	nq	98
60) Diethylphthalate	10.33	149	910254	42.876	nq	100
61) 4-Chlorophenyl-phenylether	10.45	204	403233	41.192	nq	99
62) 4-Nitroaniline	10.49	138	167211	29.642	nq	93
63) Azobenzene	10.61	77	740588	40.727	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	35933	14.188	nq	98
66) n-Nitrosodiphenylamine	10.57	169	711754	47.303	nq	99
67) 4-Bromophenyl-phenylether	10.94	248	245340	44.653	nq	95
68) Hexachlorobenzene	11.01	284	267249	41.323	nq	98
69) Atrazine	11.10	200	237280	51.095	nq	97
70) Pentachlorophenol	11.21	266	210901	75.299	nq	97
71) Phenanthrene	11.43	178	1041257	40.684	nq	99
72) Anthracene	11.48	178	1071898	41.842	nq	99
73) Carbazole	11.63	167	898585	39.530	nq	99
74) Di-n-butylphthalate	11.96	149	1348908	46.800	nq	100
75) Fluoranthene	12.62	202	931027	36.045	nq	99
77) Benzidine	12.74	184	770081	97.934	nq	98
78) Pyrene	12.85	202	914534	39.025	nq	100
80) Butylbenzylphthalate	13.46	149	466016	44.165	nq	97
81) Benzo(a)anthracene	14.04	228	836381	41.637	nq	98
82) 3,3'-Dichlorobenzidine	14.00	252	330741	48.562	nq	100
83) Chrysene	14.09	228	786518	40.892	nq	100
84) Bis(2-ethylhexyl)phthalate	14.02	149	704516	50.777	nq	100
85) Di-n-octyl phthalate	14.63	149	1143916	56.049	nq	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	626164	38.207	nq	100
88) Benzo(b)fluoranthene	15.11	252	792804	43.455	nq	99
89) Benzo(k)fluoranthene	15.14	252	718511	41.016	nq	98
90) Benzo(a)pyrene	15.49	252	640797	39.871	nq	99
91) Dibenzo(a,h)anthracene	17.08	278	535863	38.422	nq	97
92) Benzo(g,h,i)perylene	17.53	276	485092	36.006	nq	98

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



#1

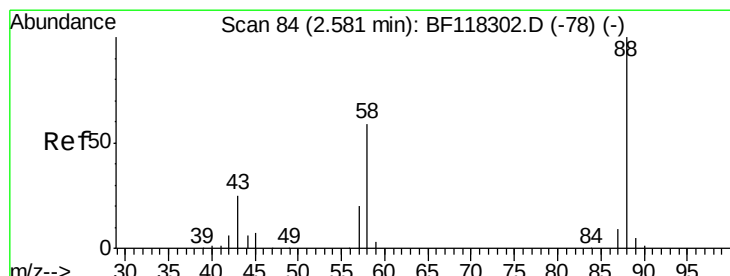
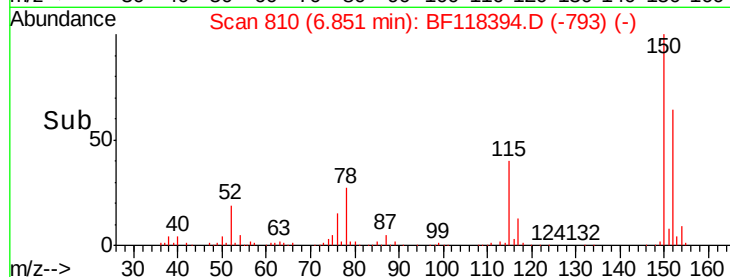
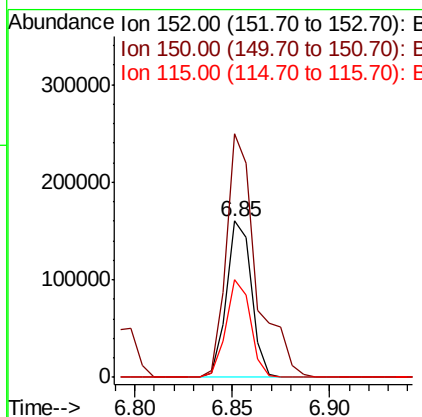
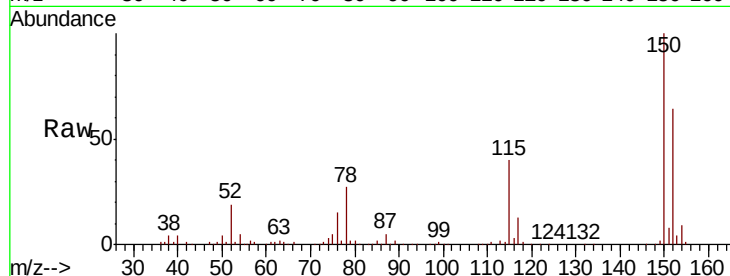
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.4	188.2
115	62.8	50.2	75.4

Manual Integrations
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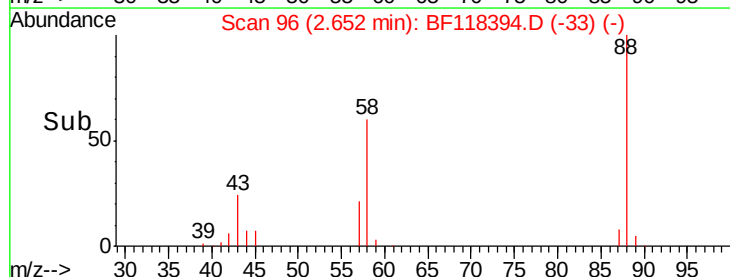
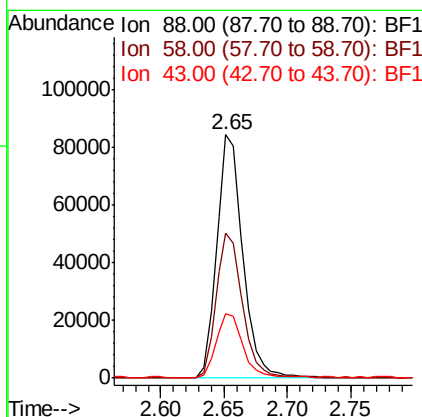
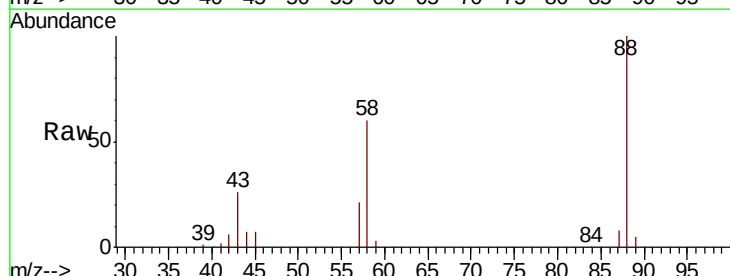
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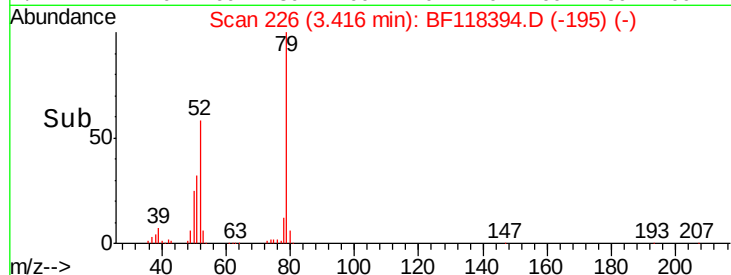
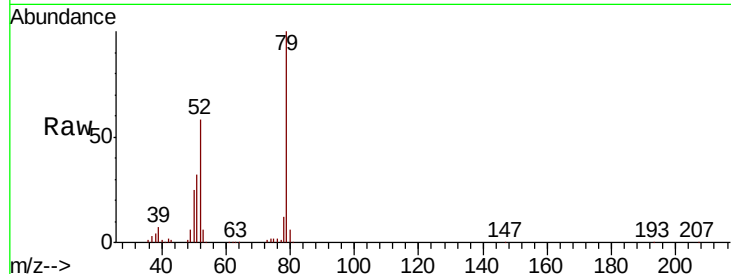
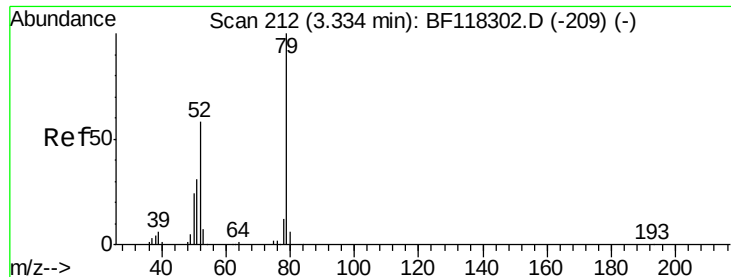


#2

1,4-Dioxane
Concen: 36.770 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.07 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.9	47.6	71.4
43	28.0	20.6	30.8





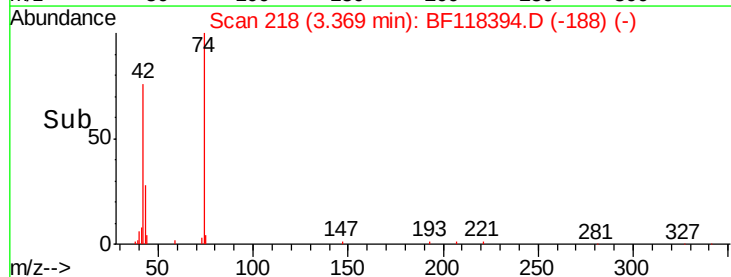
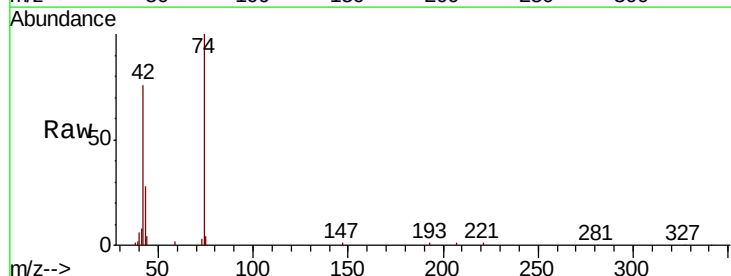
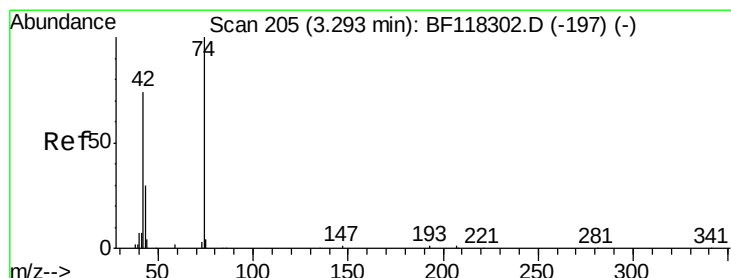
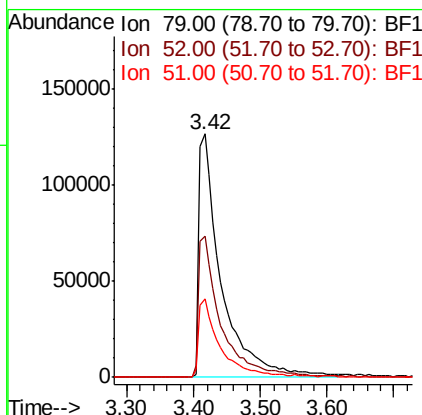
#3
Pvridine
Concen: 32.782 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.08 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tot Ion	Ratio	Resp	Lower	Upper
79	100	289198		
52	58.2		46.4	69.6
51	32.0		24.9	37.3

Instrument :
BNA_F
ClientSampleId :
SB-04MS

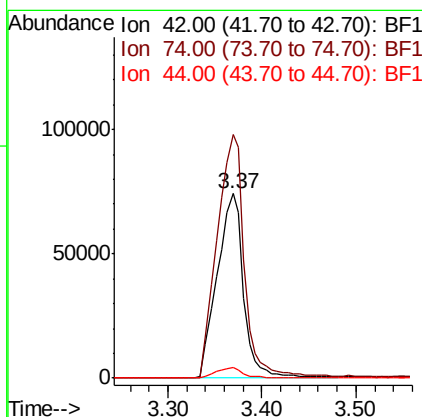
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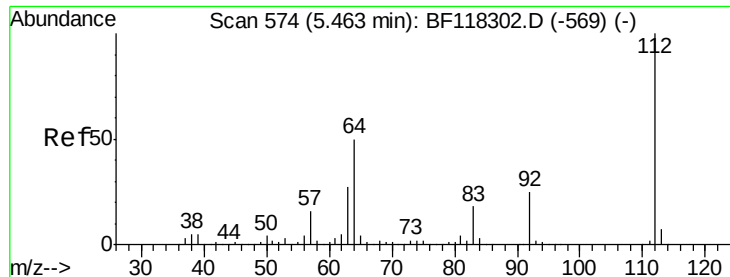
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#4
n-Nitrosodimethylamine
Concen: 40.187 ng
RT: 3.37 min Scan# 218
Delta R.T. 0.08 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	146578		
74	132.0		107.7	161.5
44	5.5		4.8	7.2





#5

2-Fluorophenol

Concen: 102.934 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

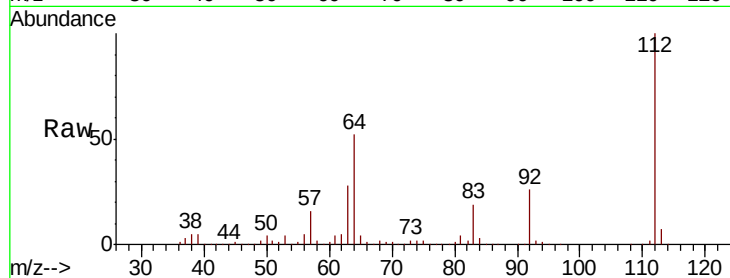
ClientSampleID :

SB-04MS

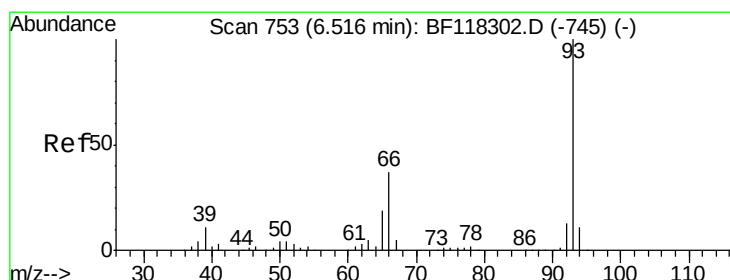
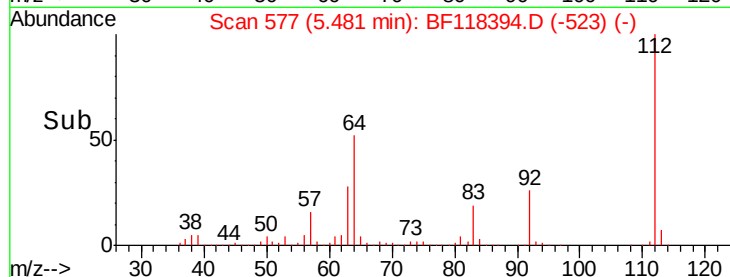
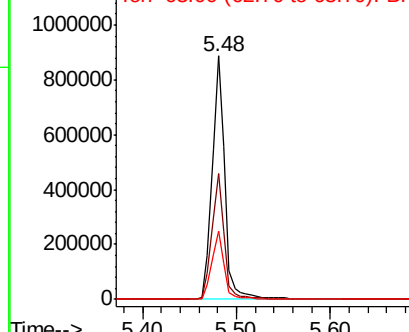
Tot Ion:	112	Resp:	857366
Ion Ratio	Lower	Upper	
112	100		
64	51.9	39.7	59.5
63	28.3	21.7	32.5

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



#6

Aniline

Concen: 22.533 ng

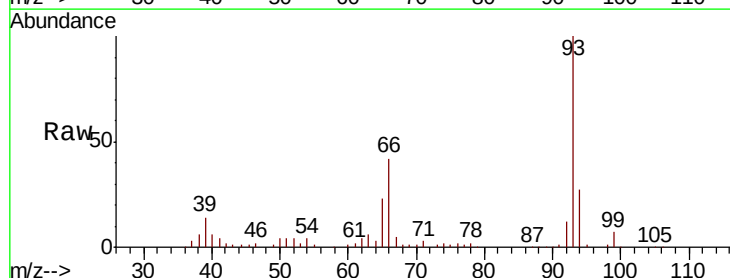
RT: 6.52 min Scan# 754

Delta R.T. 0.01 min

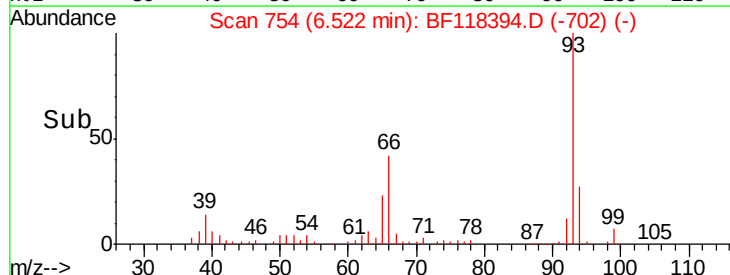
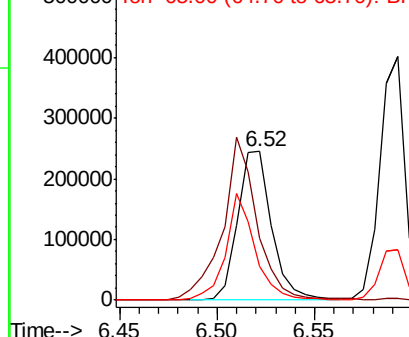
Lab File: BF118394.D

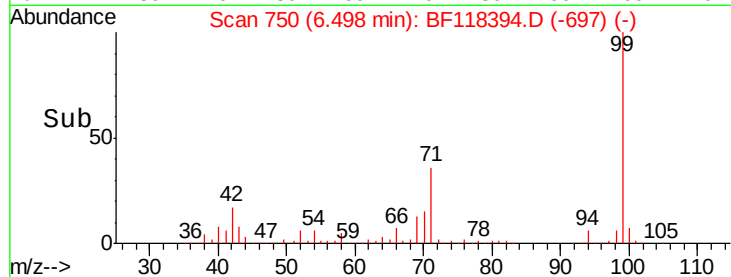
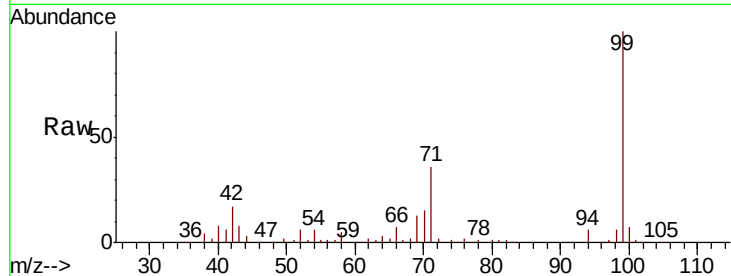
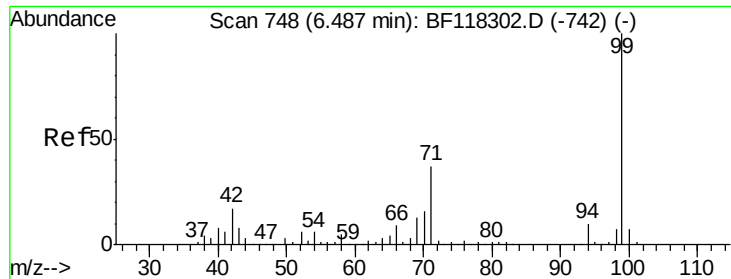
Acq: 30 Dec 2019 21:24

Tgt Ion:	93	Resp:	295644
Ion Ratio	Lower	Upper	
93	100		
66	41.8	30.2	45.4
65	22.9	15.7	23.5



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





#7

Phenol-d6

Concen: 106.526 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Tot Ion: 99 Resp: 1100697

Ion Ratio Lower Upper

99 100

42 17.0 13.5 20.3

71 36.2 29.4 44.2

Instrument :

BNA_F

ClientSampled :

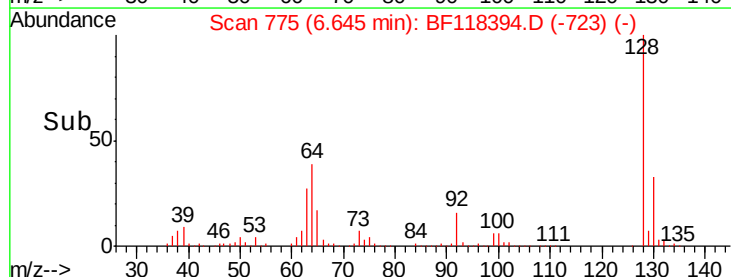
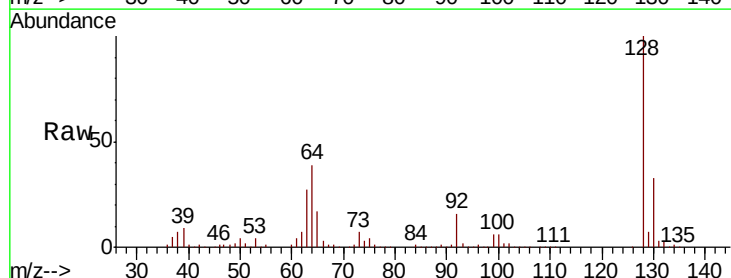
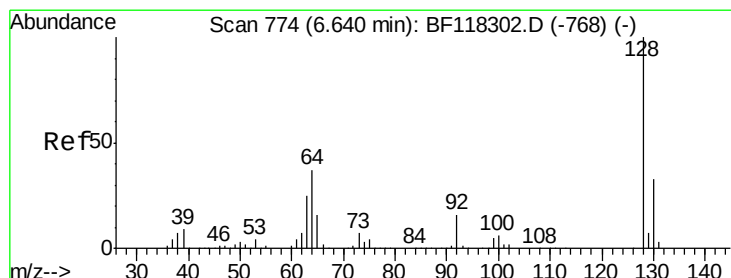
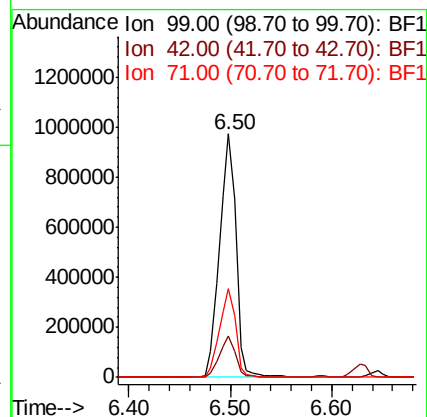
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#8

2-Chlorophenol

Concen: 43.259 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

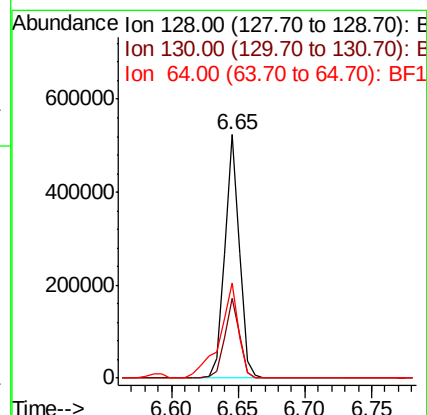
Tgt Ion:128 Resp: 408084

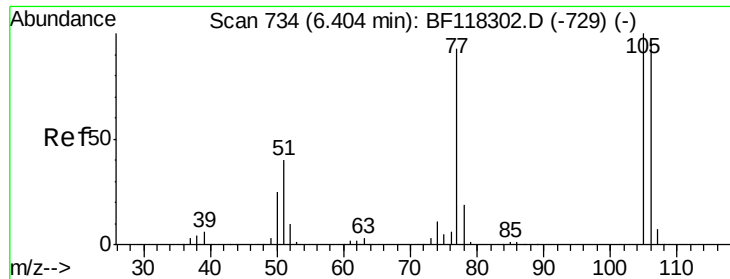
Ion Ratio Lower Upper

128 100

130 32.8 13.2 53.2

64 39.2 17.7 57.7





#9

Benzaldehyde

Concen: 36.193 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

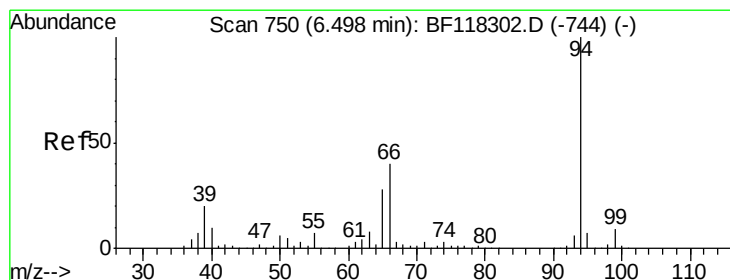
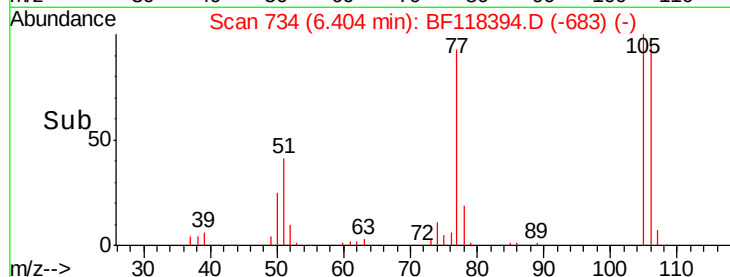
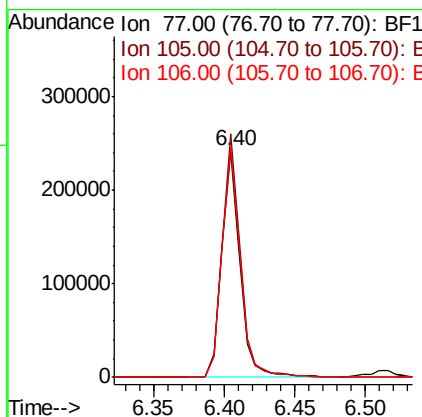
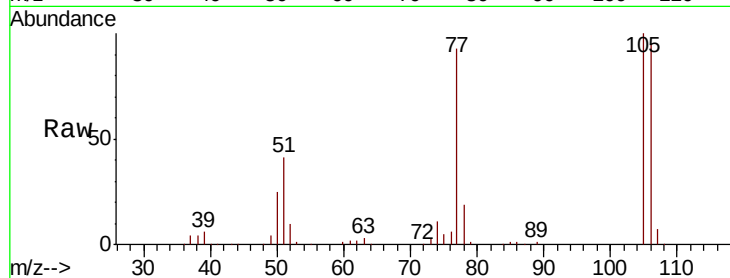
ClientSampled :

SB-04MS

Tot Ion:	77	Resp:	219256
Ion	Ratio	Lower	Upper
77	100		
105	107.6	87.5	127.5
106	101.8	83.6	123.6

Manual Integrations
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#10

Phenol

Concen: 41.756 ng

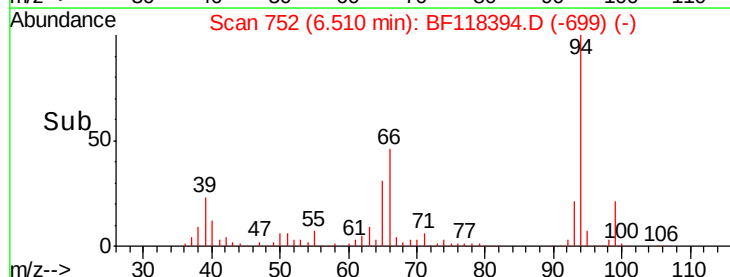
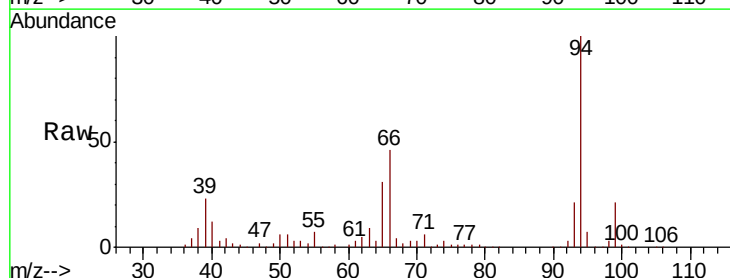
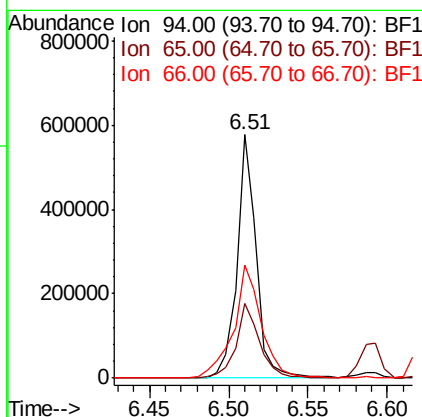
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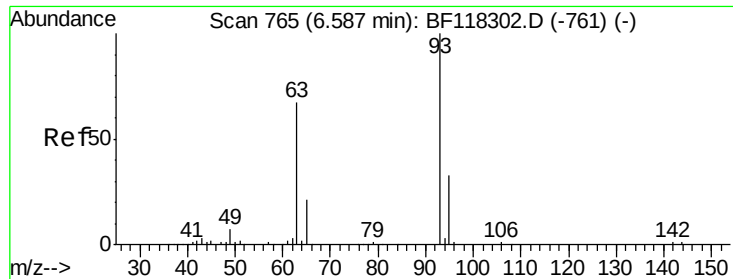
Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Tgt Ion:	94	Resp:	484932
Ion	Ratio	Lower	Upper
94	100		
65	30.6	7.8	47.8
66	46.5	20.4	60.4





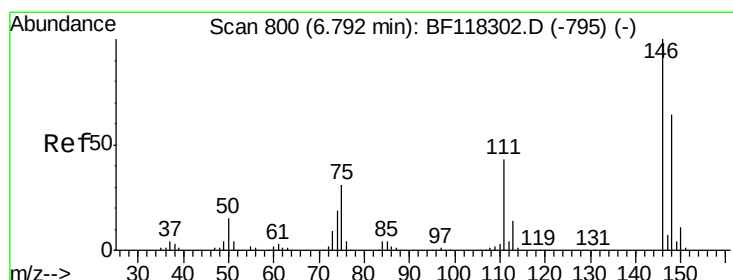
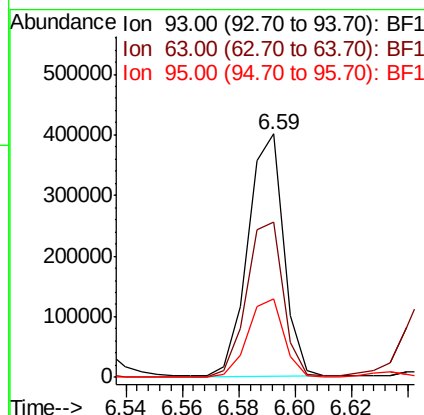
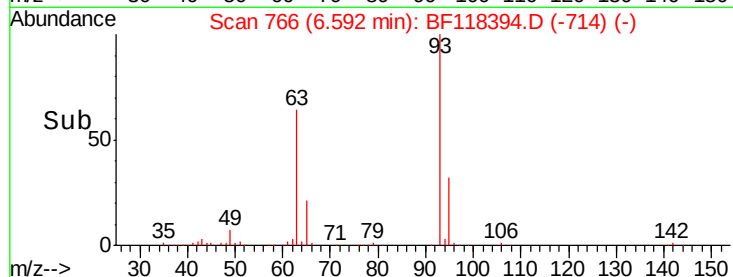
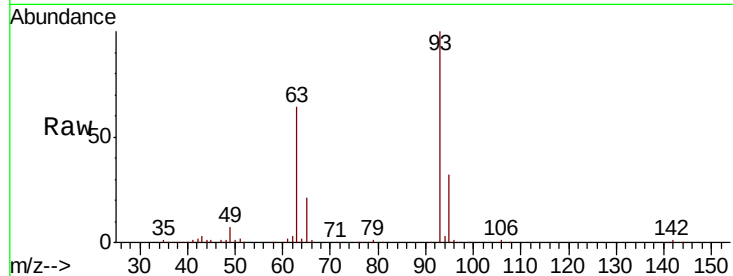
#11
bis(2-Chloroethyl)ether
Concen: 42.460 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion:	93	Resp:	352661
Ion Ratio	Lower	Upper	
93	100		
63	63.6	47.0	87.0
95	32.5	12.8	52.8

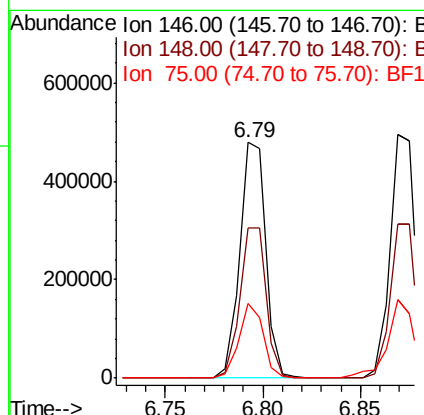
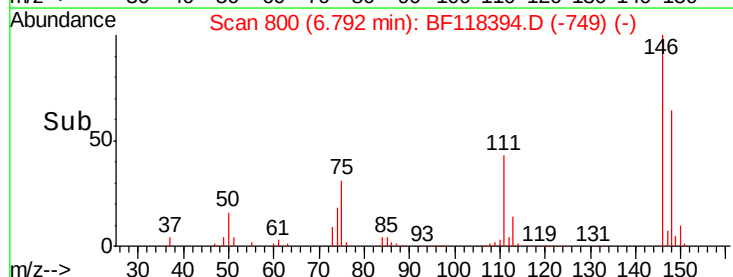
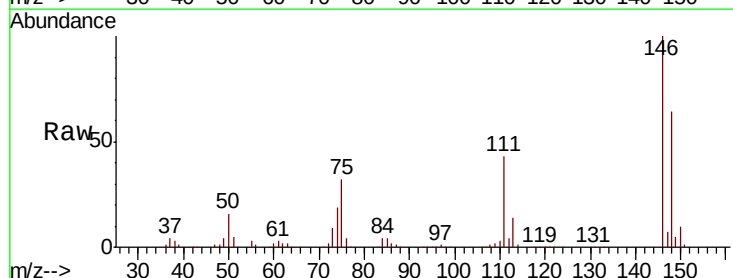
Manual Integrations
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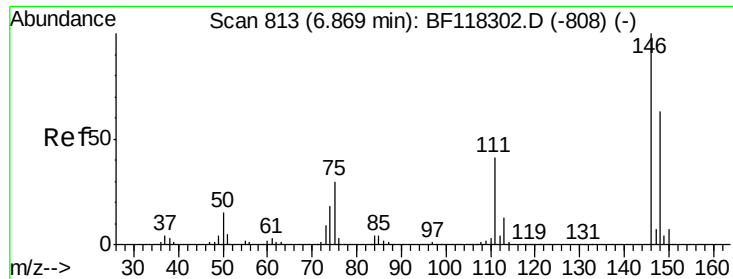
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.756 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion:	146	Resp:	442793
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.4	77.0
75	31.6	24.4	36.6





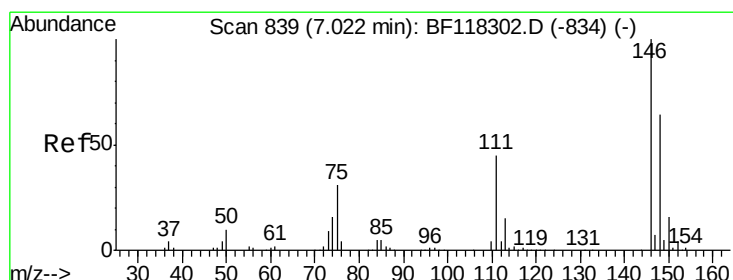
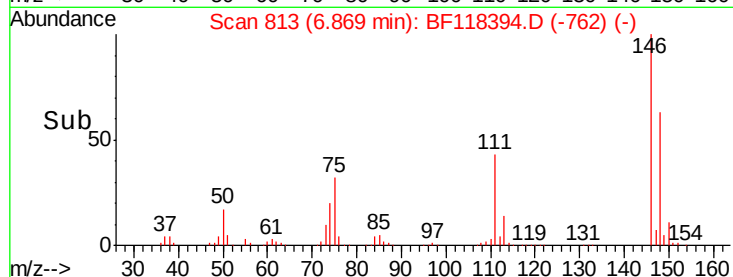
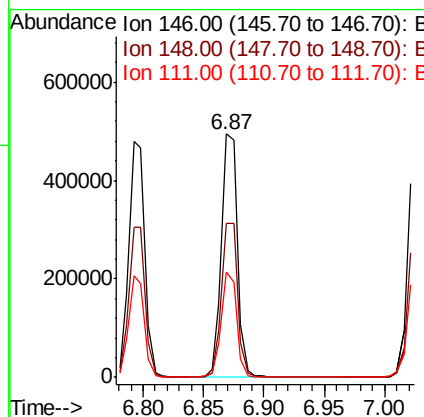
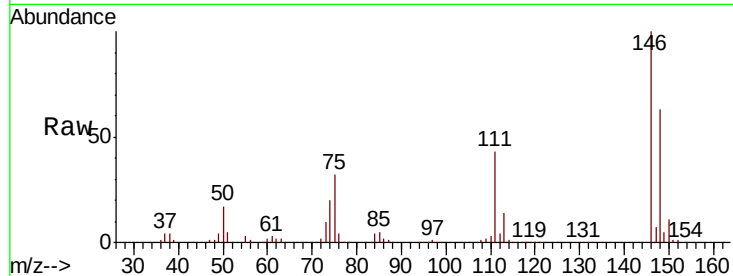
#13
1,4-Dichlorobenzene
Concen: 40.880 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.3	75.5
111	43.2	32.8	49.2

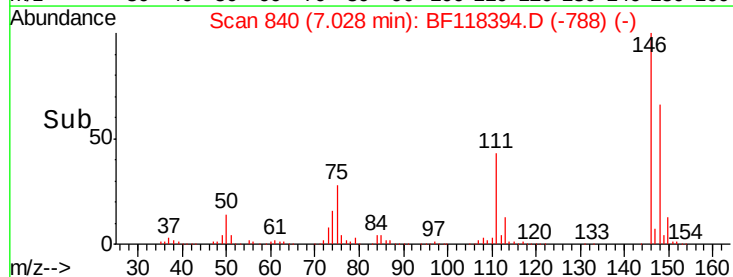
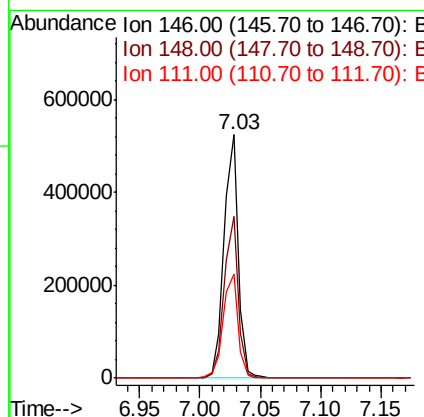
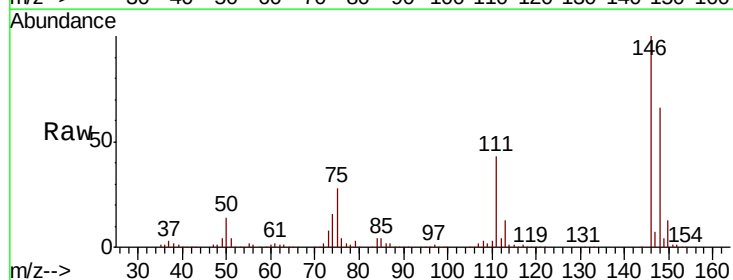
Manual Integrations
APPROVED

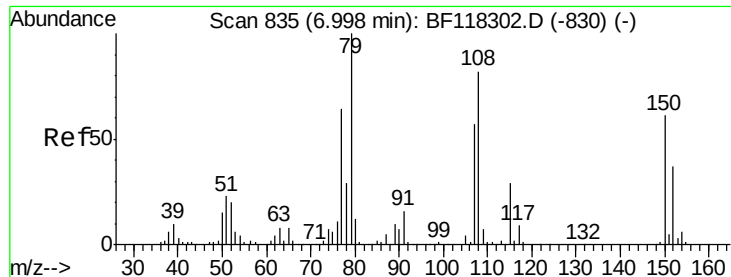
mohammad
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#14
1,2-Dichlorobenzene
Concen: 40.516 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.3	76.9
111	42.5	35.7	53.5





#15

Benzyl Alcohol

Concen: 41.392 ng

RT: 7.00 min Scan# 836

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

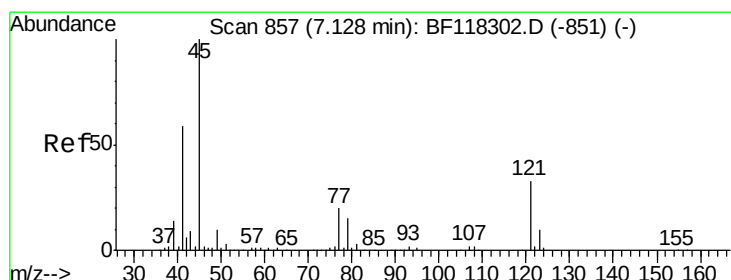
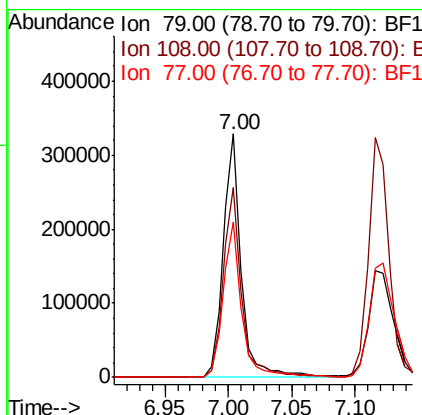
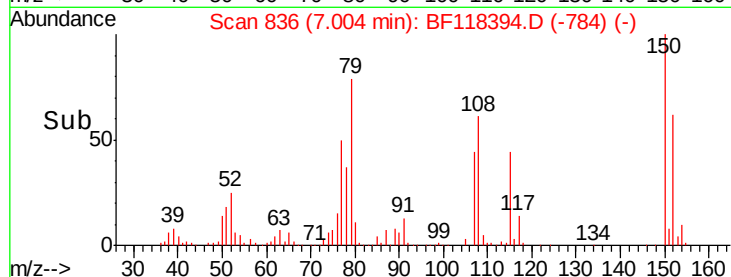
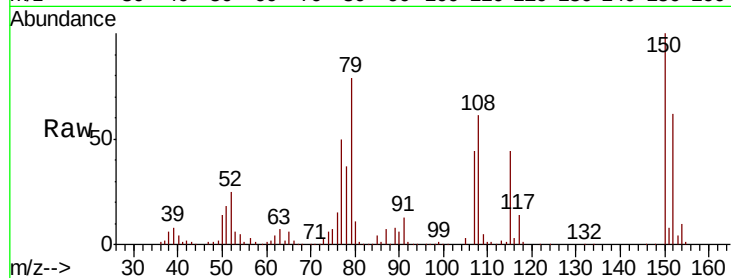
ClientSampleId :

SB-04MS

Tot Ion:	79	Resp:	325639
Ion Ratio	Lower	Upper	
79	100		
108	77.9	65.4	98.0
77	63.8	51.4	77.0

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.328 ng

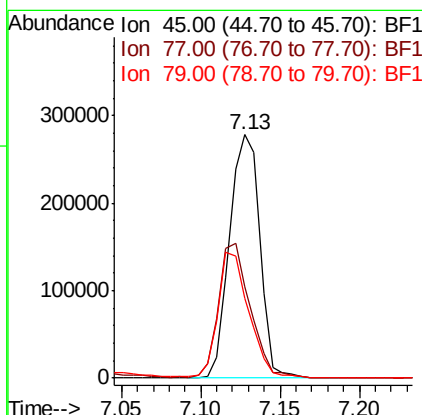
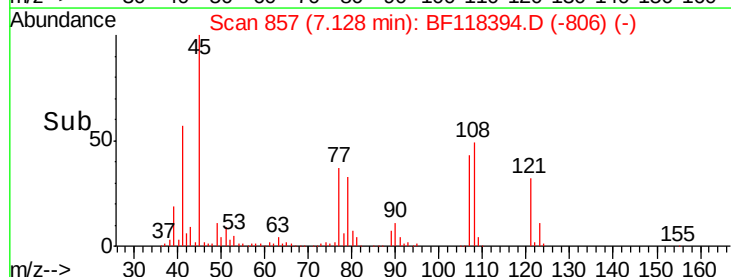
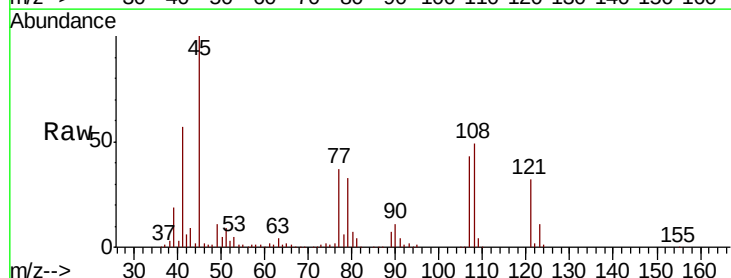
RT: 7.13 min Scan# 857

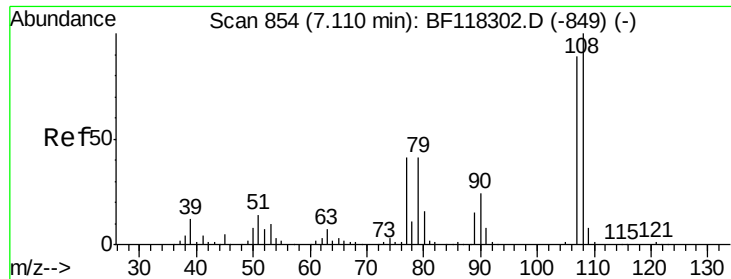
Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Tgt Ion:	45	Resp:	366280
Ion Ratio	Lower	Upper	
45	100		
77	37.5	1.2	41.2
79	32.9	0.0	37.0





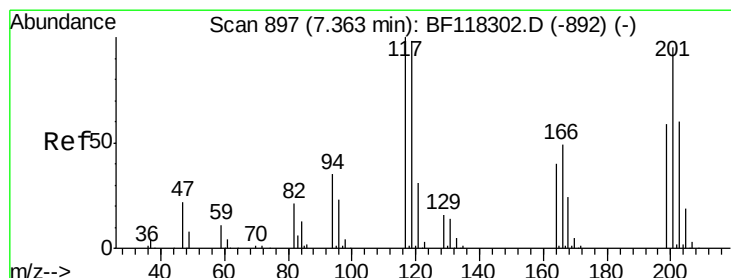
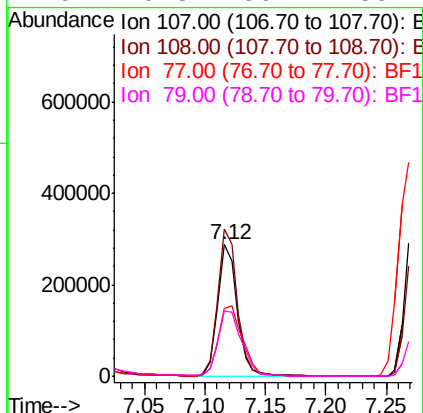
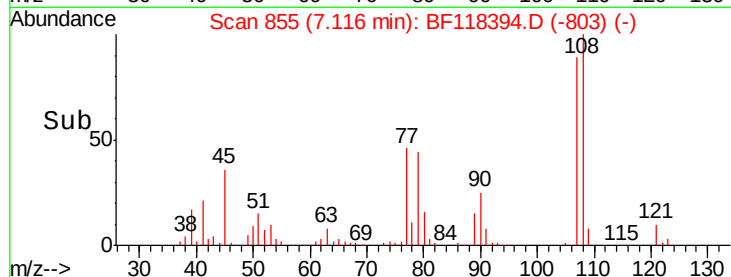
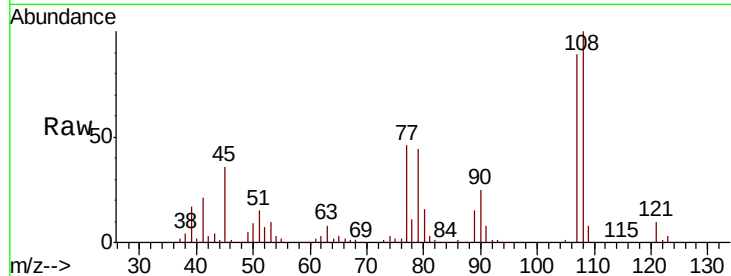
#17
2-Methylphenol
Concen: 42.263 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.3	89.7	134.5	
77	51.5	37.2	55.8	
79	49.8	36.7	55.1	

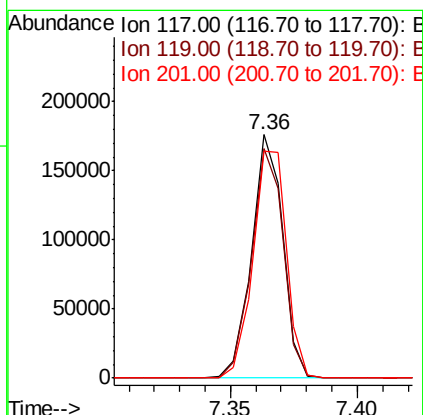
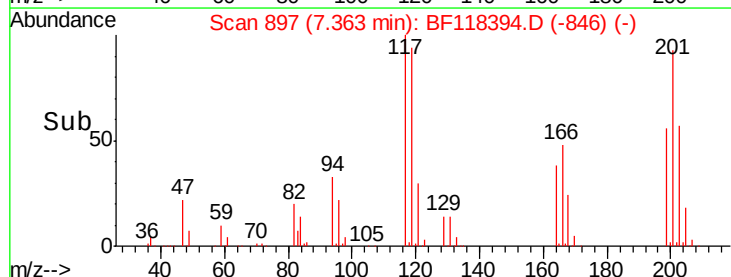
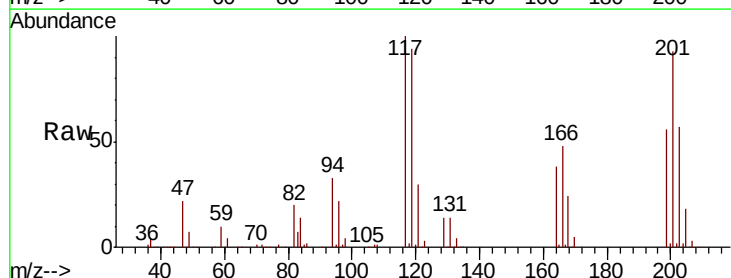
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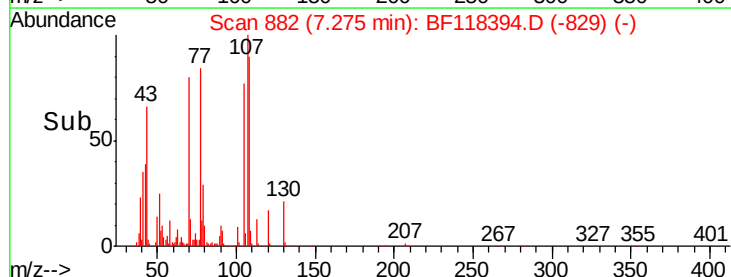
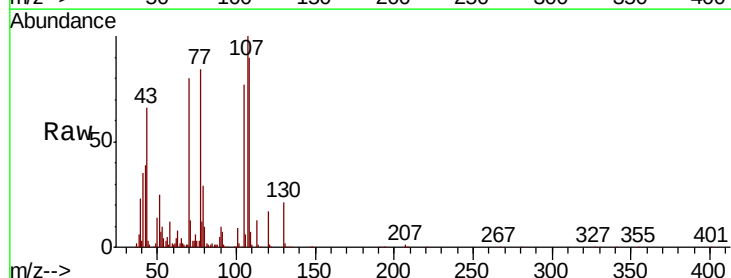
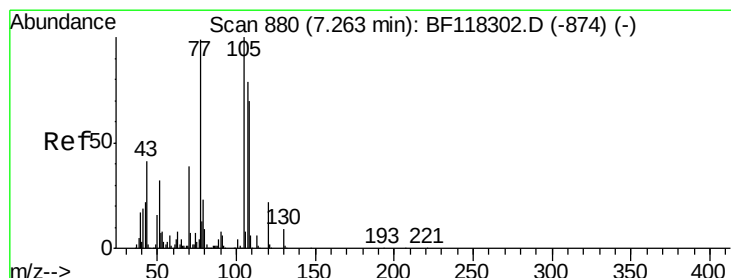
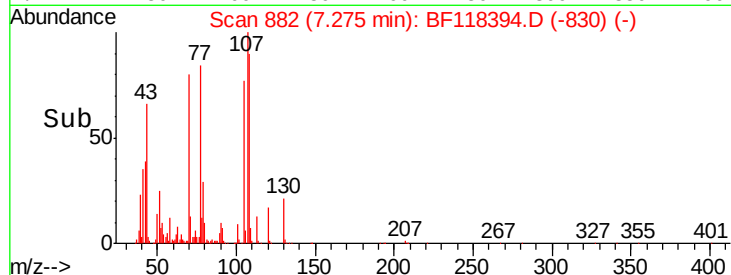
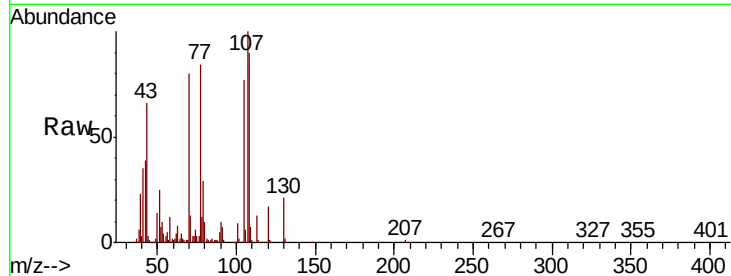
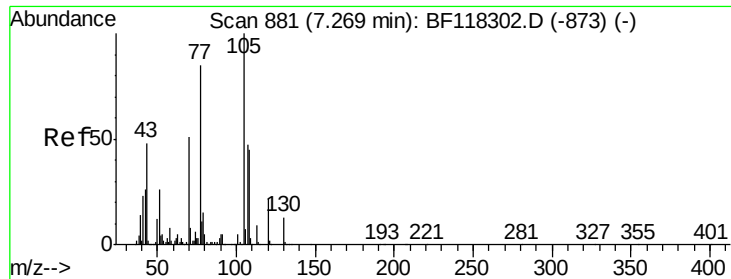
mohammad
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#18
Hexachloroethane
Concen: 37.286 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.1	78.0	117.0	
201	93.2	76.2	114.2	





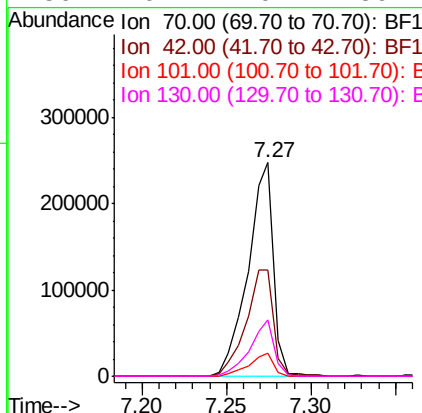
#19
n-Nitroso-di-n-propylamine
Concen: 41.108 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.6	41.1	61.7
101	10.7	8.3	12.5
130	26.2	20.1	30.1

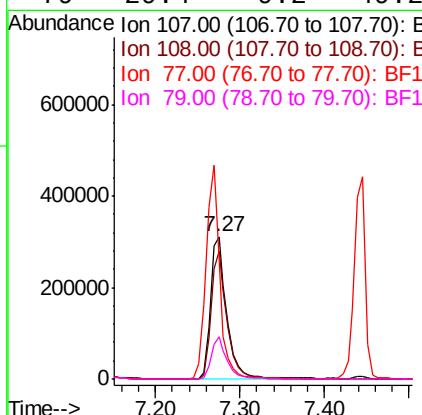
Manual Integrations
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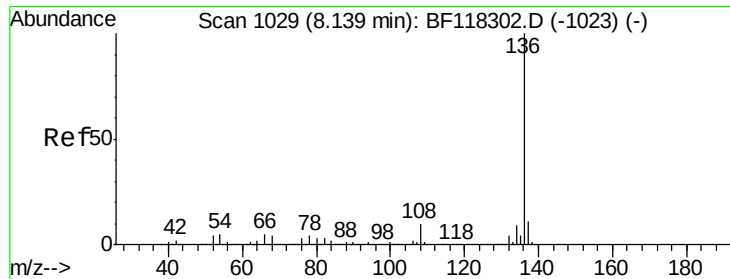
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#20
3+4-Methylphenols
Concen: 43.121 ng
RT: 7.27 min Scan# 882
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.9	69.3	109.3
77	83.6	105.9	145.9#
79	29.4	9.2	49.2





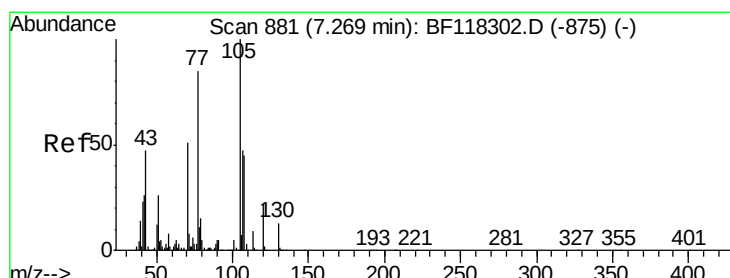
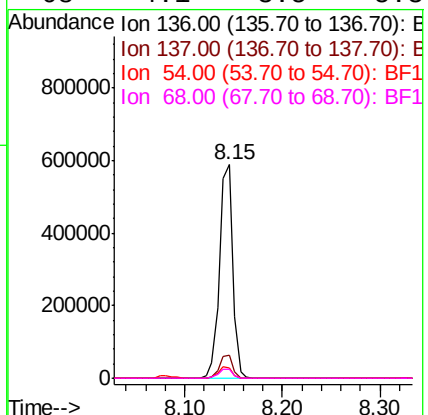
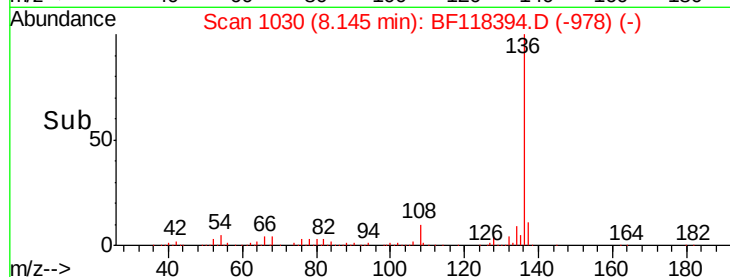
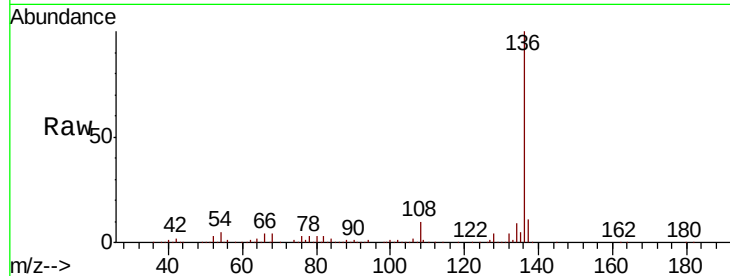
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1030
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	560312		
137	10.7		8.9	13.3
54	5.0		4.2	6.4
68	4.1		3.5	5.3

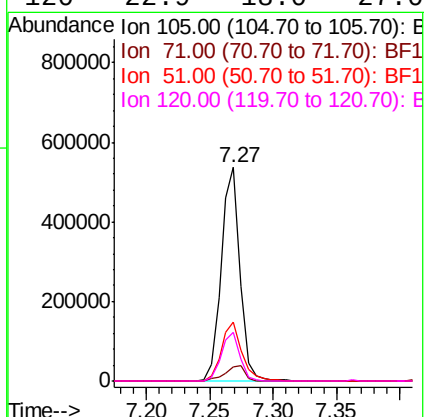
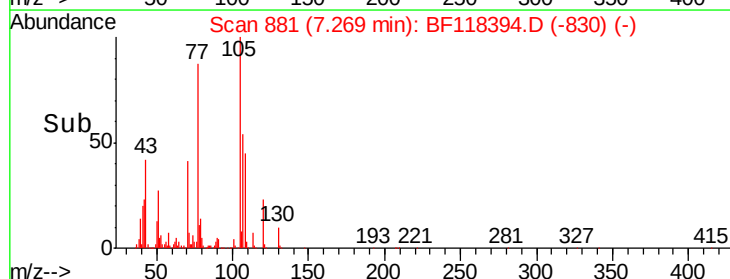
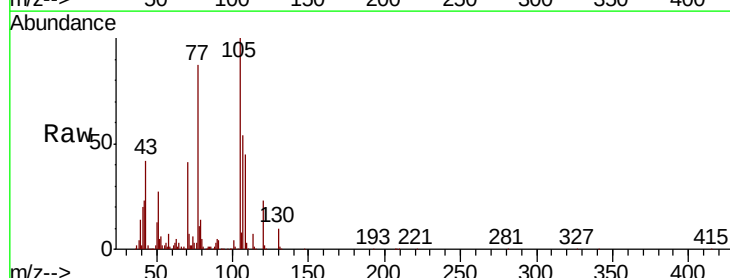
Manual Integrations
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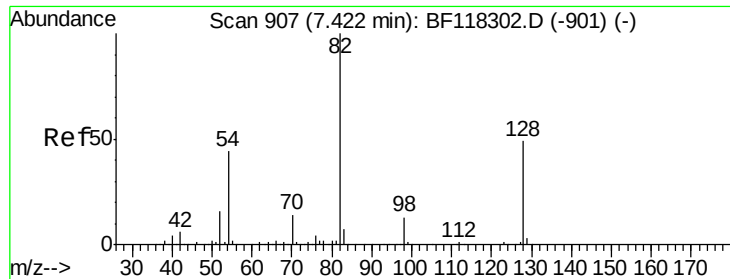
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#22
Acetophenone
Concen: 40.214 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	552238		
71	6.9		6.6	9.8
51	27.4		20.6	30.8
120	22.9		18.0	27.0





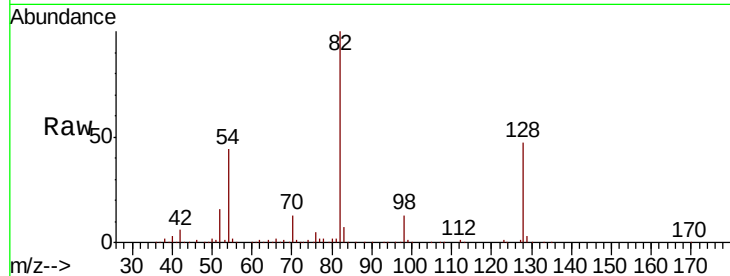
#23
Nitrobenzene-d5
Concen: 67.416 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	39.6	59.4
54	44.1	34.9	52.3

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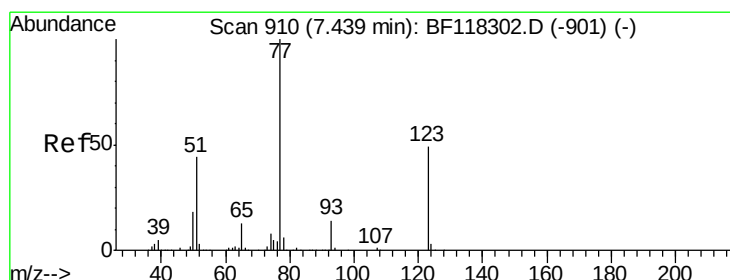
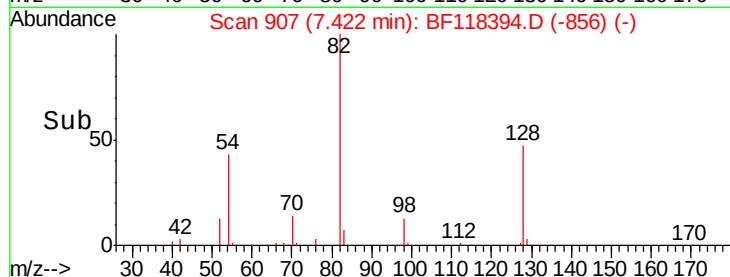
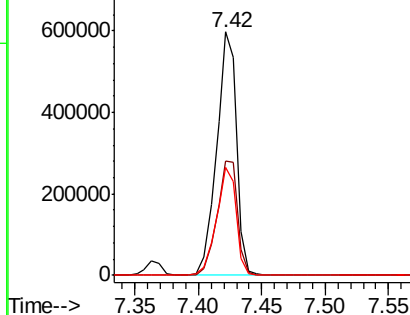


Abundance

Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 40.788 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

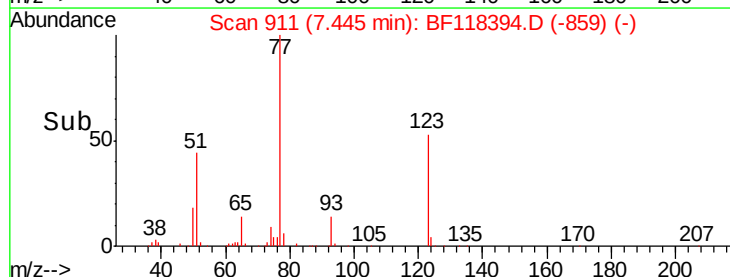
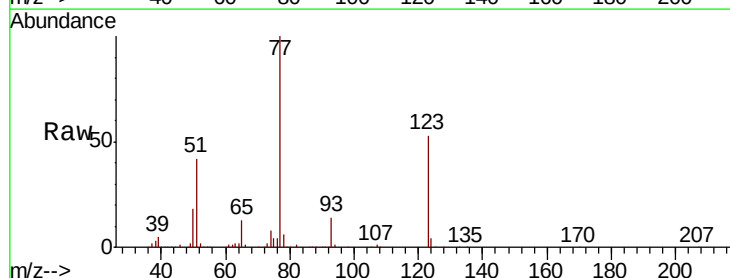
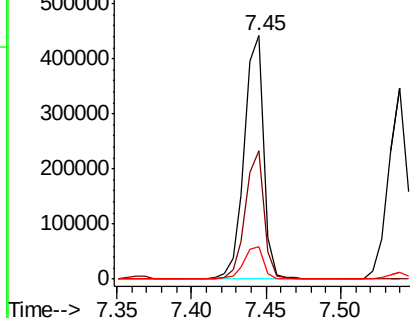
Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.6	39.1	58.7
65	13.3	10.6	16.0

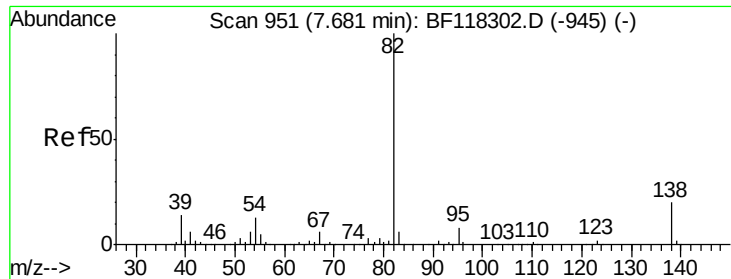
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 41.887 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

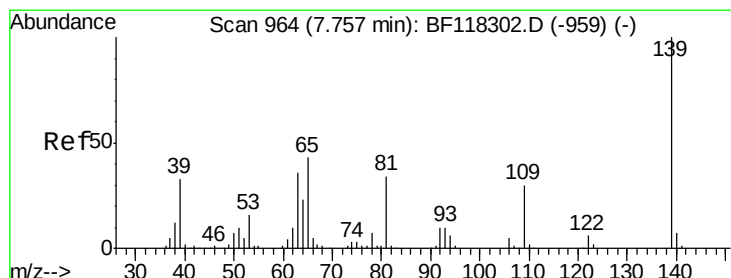
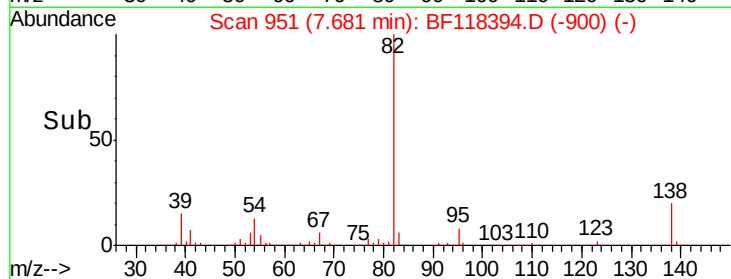
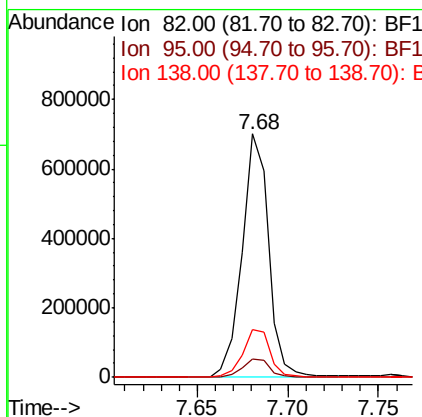
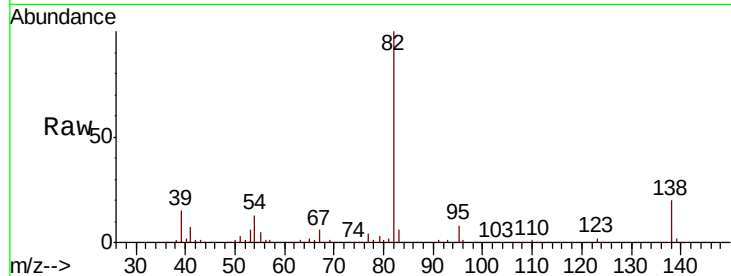
ClientSampleId :

SB-04MS

Tot Ion:	82	Resp:	715152
Ion Ratio	Lower	Upper	
82	100		
95	7.6	6.3	9.5
138	19.5	16.2	24.2

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#26

2-Nitrophenol

Concen: 42.116 ng

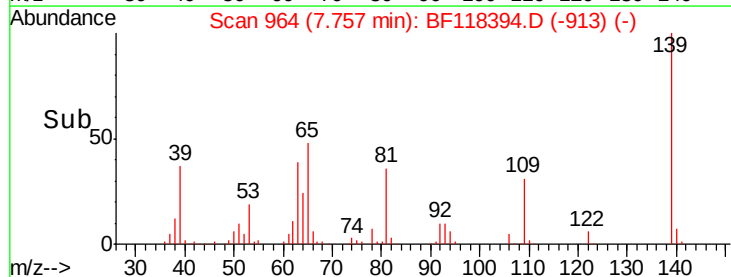
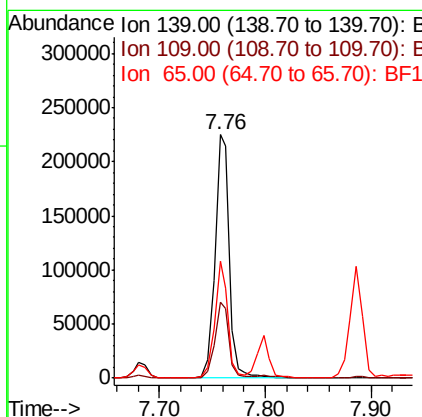
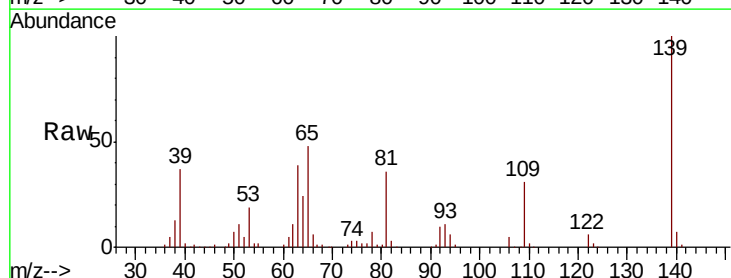
RT: 7.76 min Scan# 964

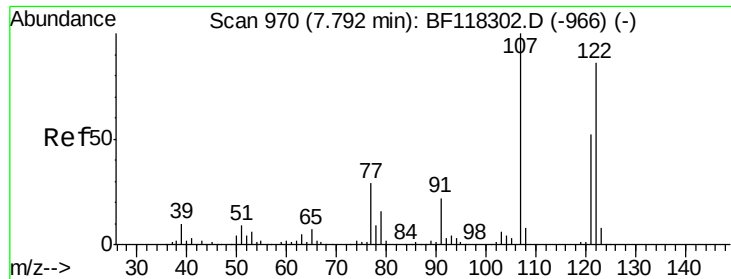
Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Tgt Ion:	139	Resp:	218914
Ion Ratio	Lower	Upper	
139	100		
109	31.1	24.1	36.1
65	48.1	34.6	52.0





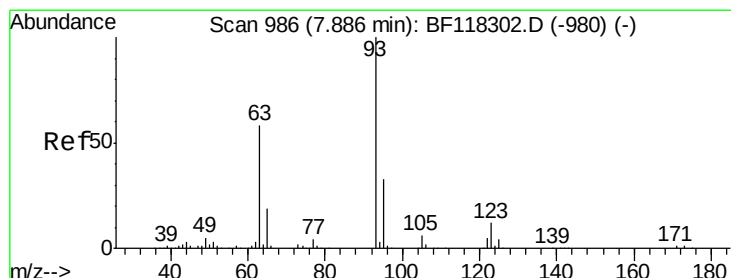
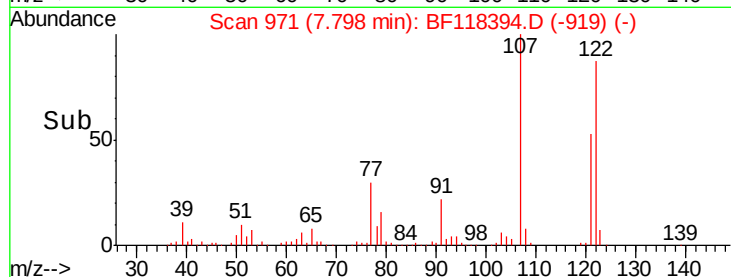
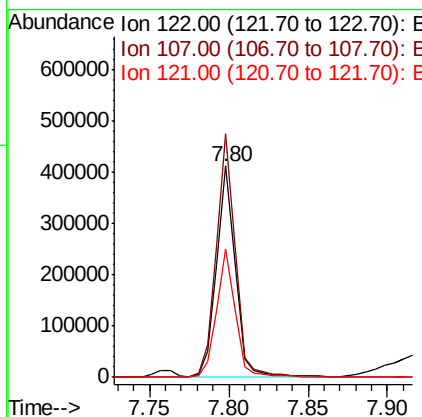
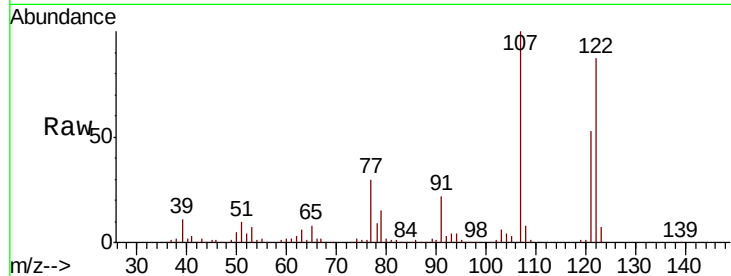
#27
2,4-Dimethylphenol
Concen: 48.386 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.3	92.9	139.3
121	61.0	47.9	71.9

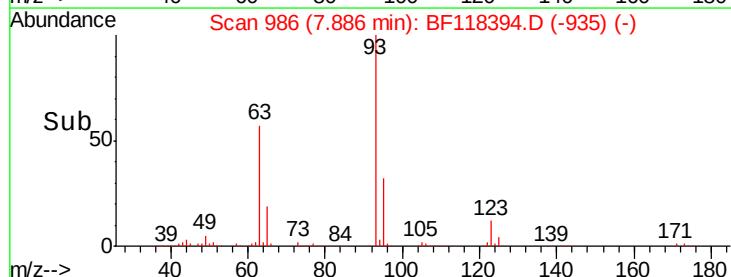
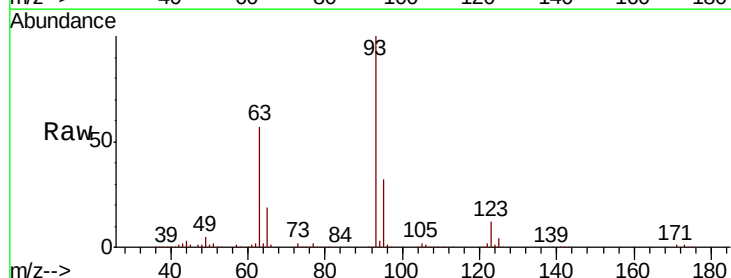
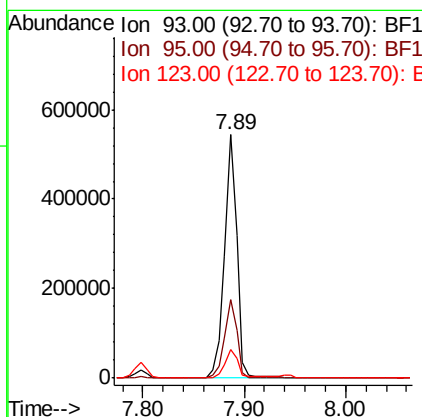
Manual Integrations
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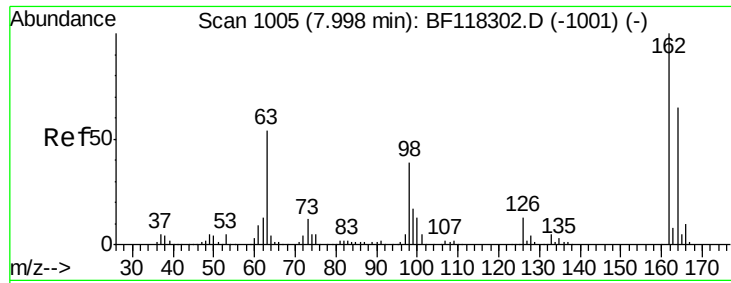
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 41.122 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.2	39.4
123	12.0	9.8	14.8





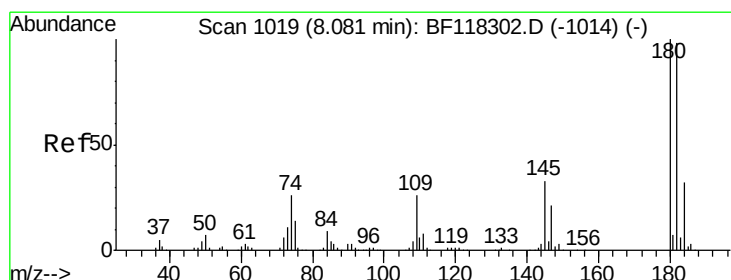
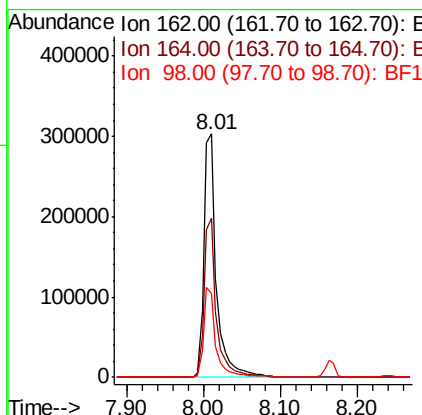
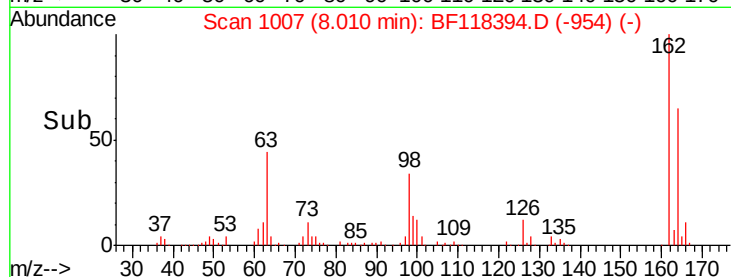
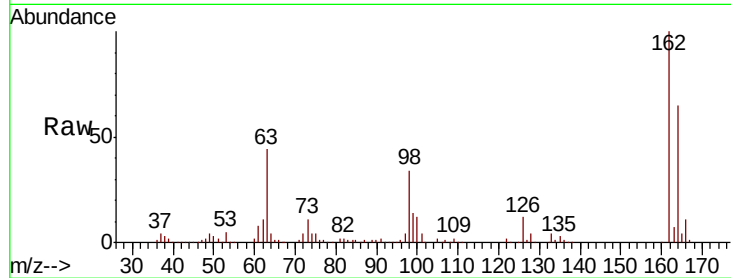
#29
 2,4-Dichlorophenol
 Concen: 42.243 ng
 RT: 8.01 min Scan# 1007
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	344818		
164	65.2	45.1	85.1	
98	34.2	18.6	58.6	

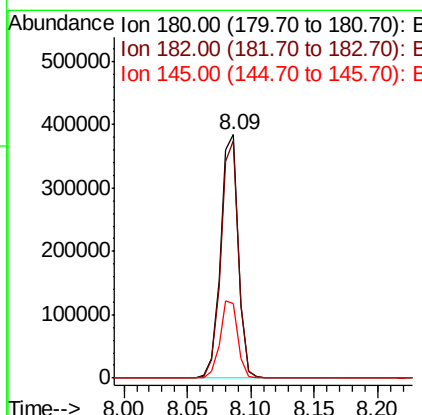
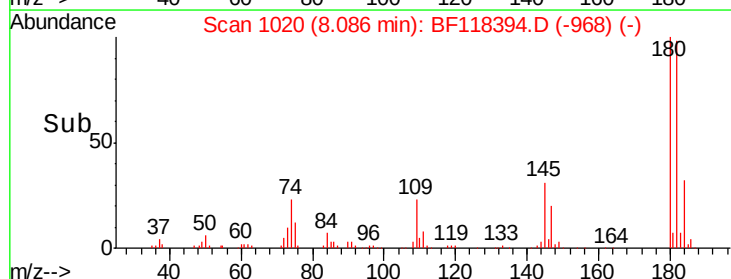
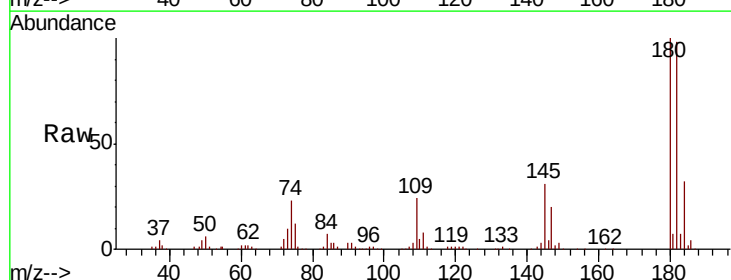
Manual Integrations
 APPROVED

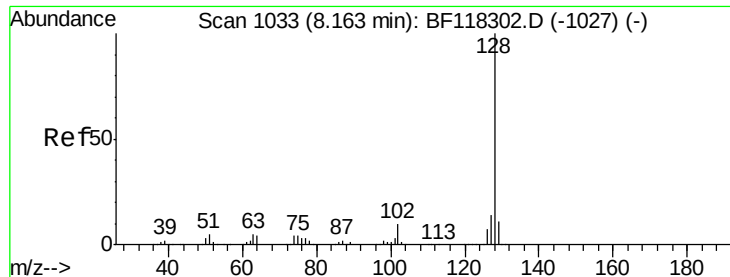
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.647 ng
 RT: 8.09 min Scan# 1020
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	376995		
182	97.6	78.3	117.5	
145	30.9	26.7	40.1	





#31

Naphthalene

Concen: 41.288 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion:128 Resp: 1175842

Ion Ratio Lower Upper

128 100

129 11.6 9.0 13.4

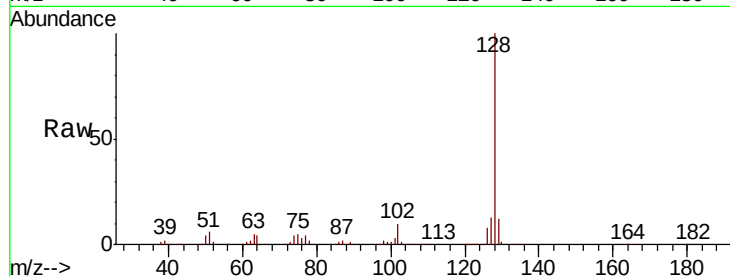
127 13.5 11.0 16.4

Manual Integrations

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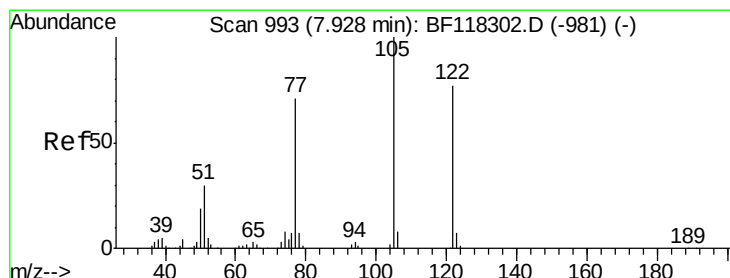
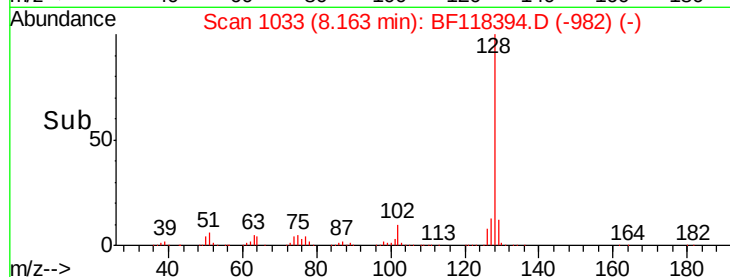
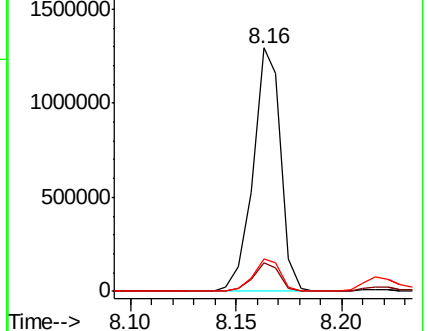
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.514 ng

RT: 7.95 min Scan# 996

Delta R.T. 0.02 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

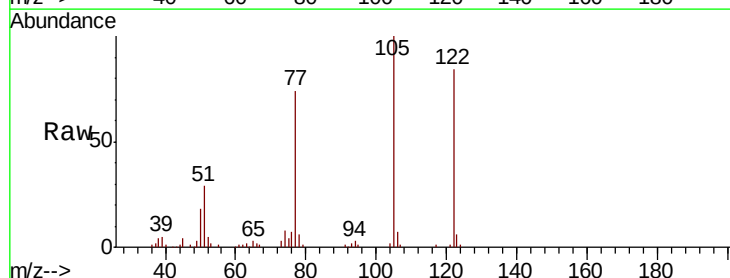
Tgt Ion:122 Resp: 195862

Ion Ratio Lower Upper

122 100

105 119.5 106.8 146.8

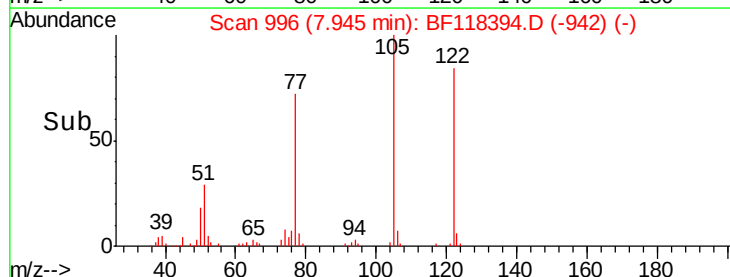
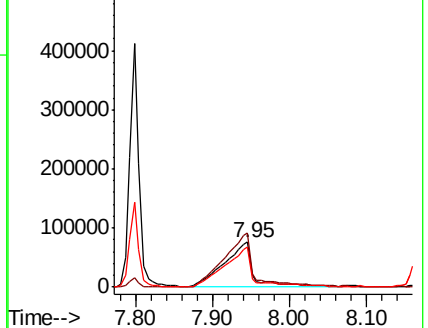
77 88.0 70.4 110.4

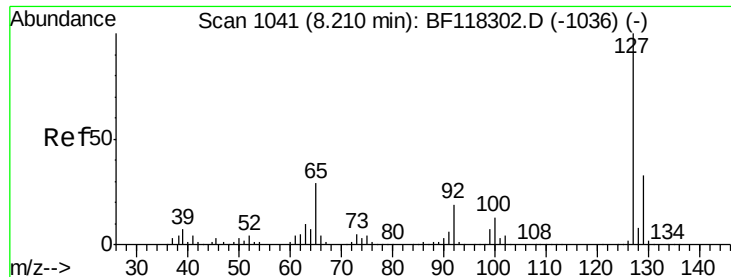


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





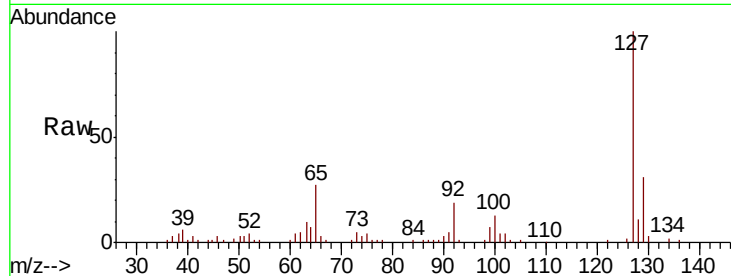
#33
4-Chloroaniline
Concen: 9.385 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.5	39.7
65	27.0	22.8	34.2
92	19.4	15.5	23.3

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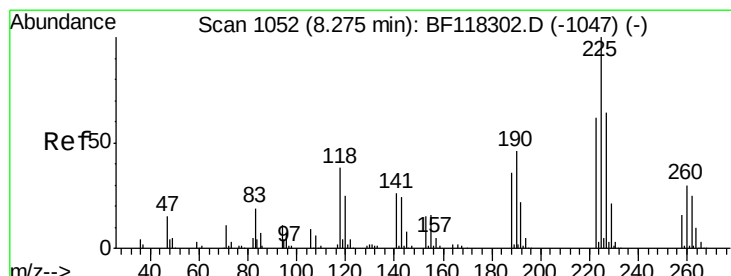
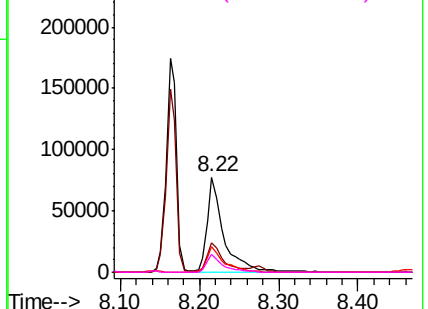
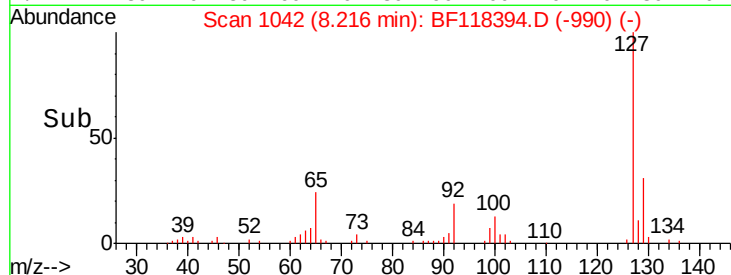
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

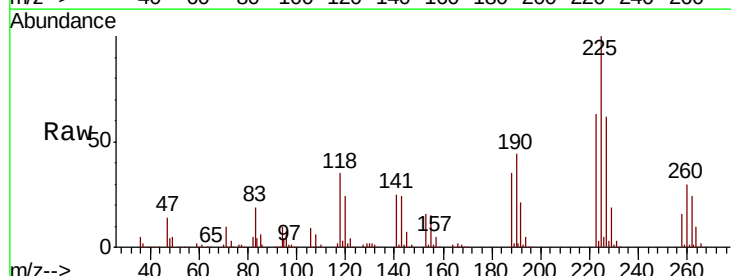
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.462 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.5	74.3
227	62.1	51.0	76.4

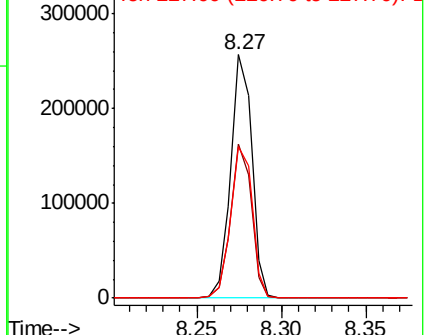
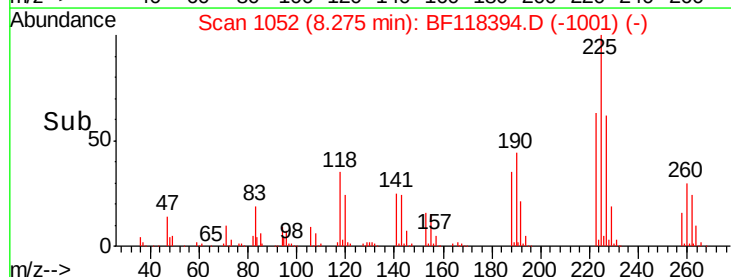


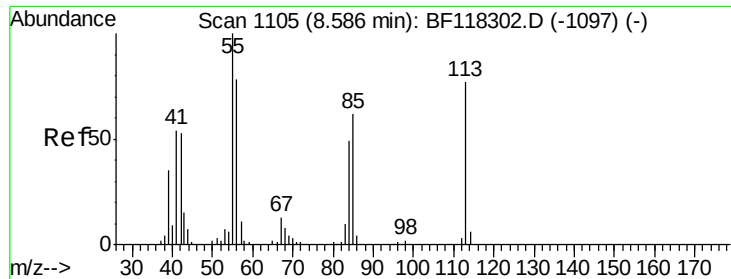
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





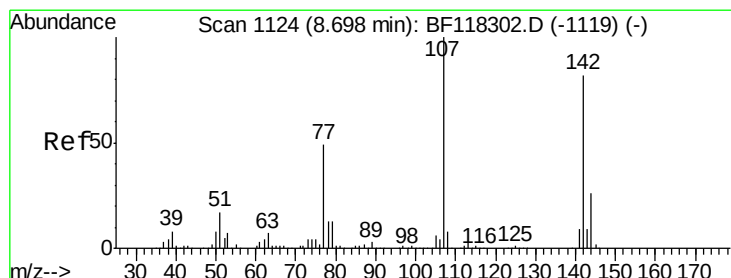
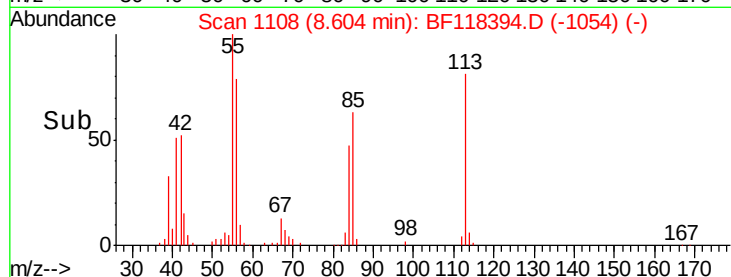
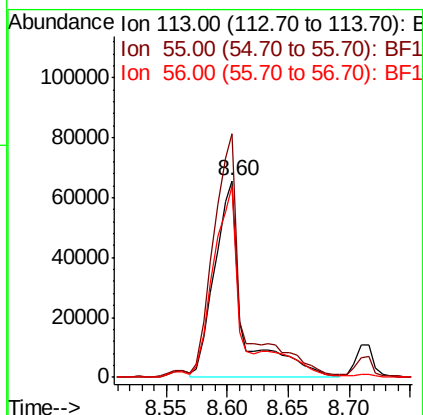
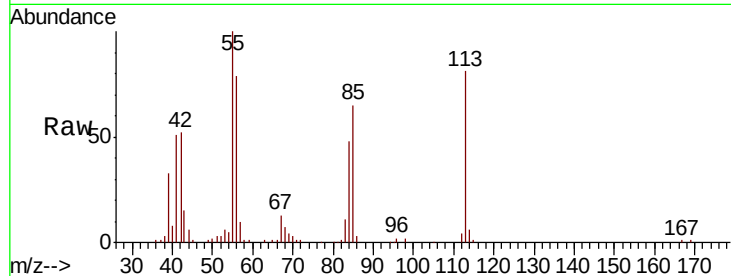
#35
Caprolactam
Concen: 42.273 ng/ml
RT: 8.60 min Scan# 1108
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	123.7	109.8	149.8
56	97.2	81.7	121.7

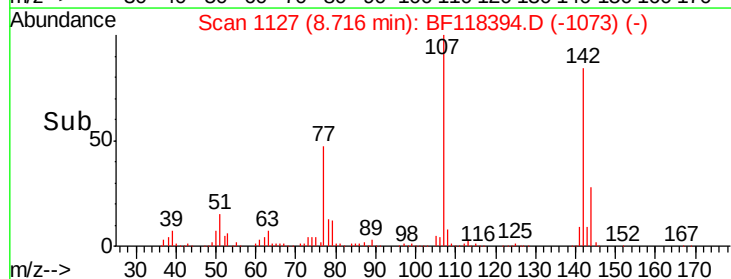
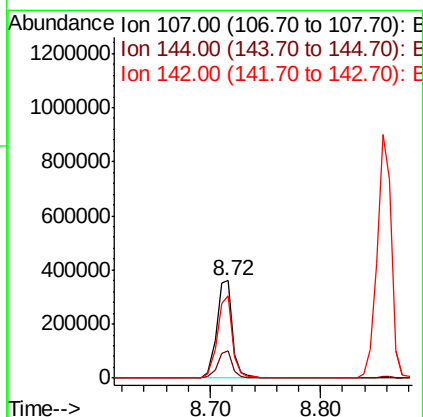
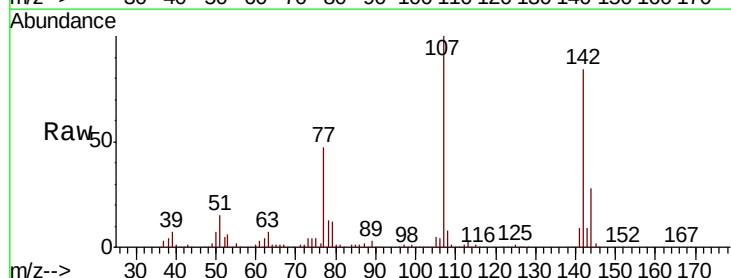
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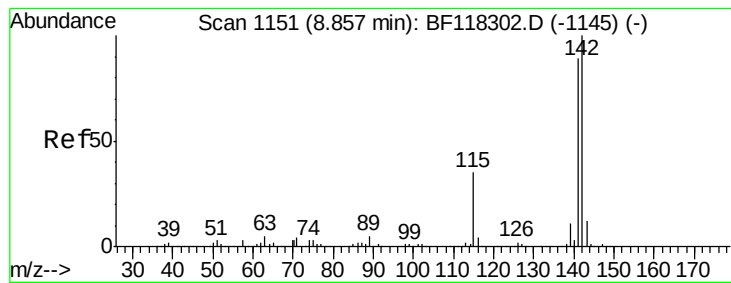
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#36
4-Chloro-3-methylphenol
Concen: 41.030 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.8	21.2	31.8
142	84.4	65.4	98.2





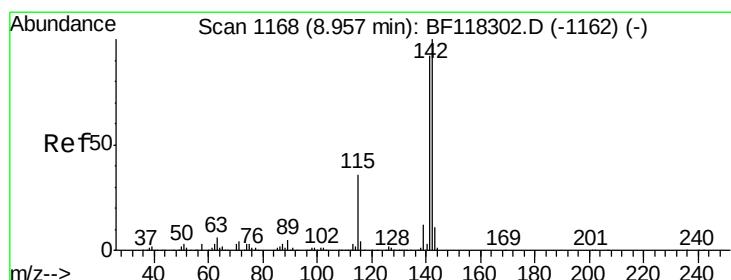
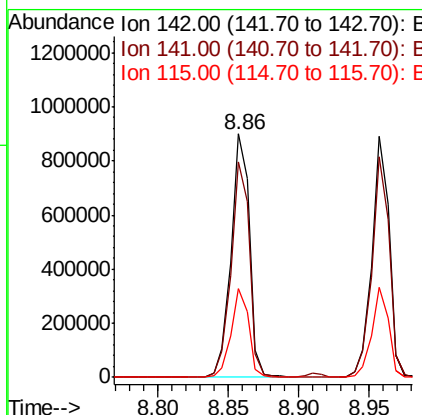
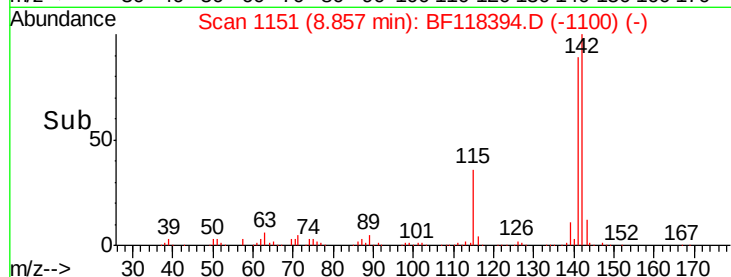
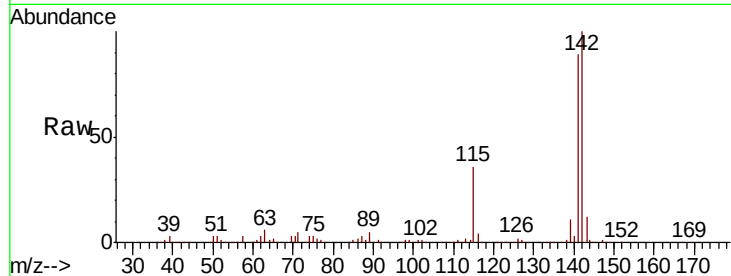
#37
2-Methylnaphthalene
Concen: 41.881 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.2	106.8
115	36.3	28.0	42.0

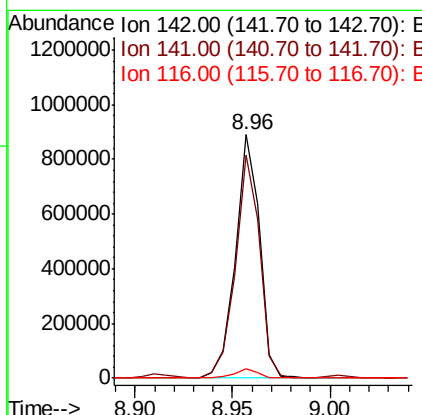
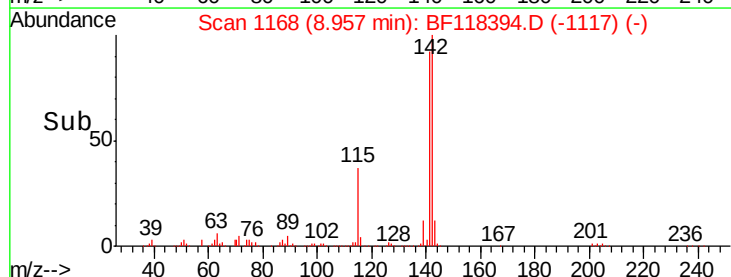
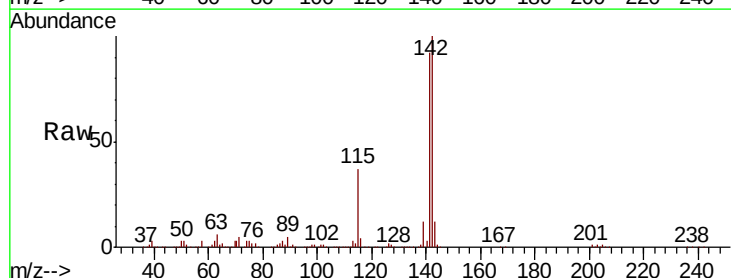
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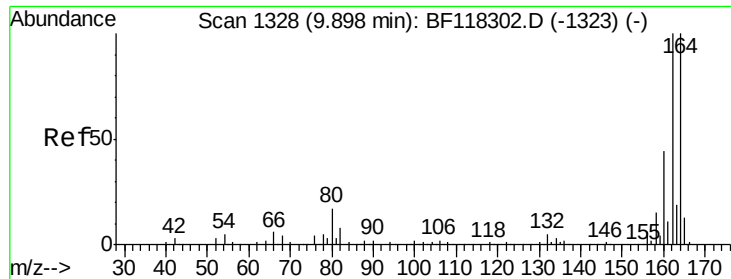
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#38
1-Methylnaphthalene
Concen: 41.300 ng
RT: 8.96 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.4	110.2
116	3.8	2.9	4.3





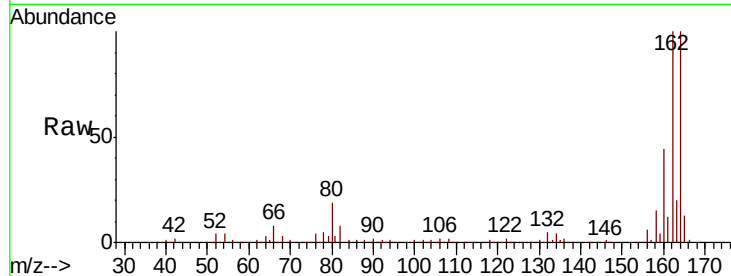
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1329
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.0	120.0
160	44.5	34.8	52.2

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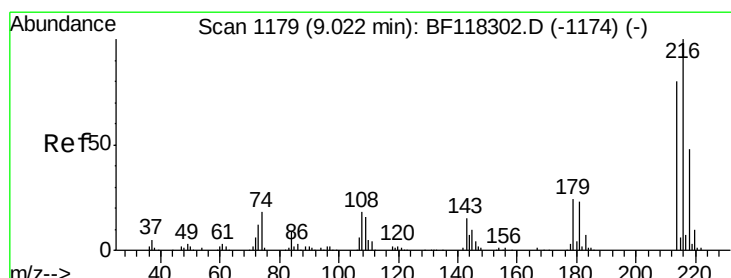
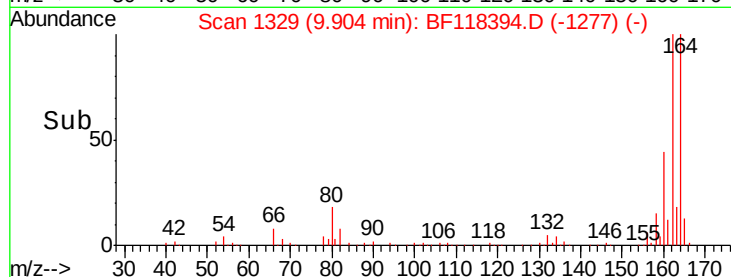
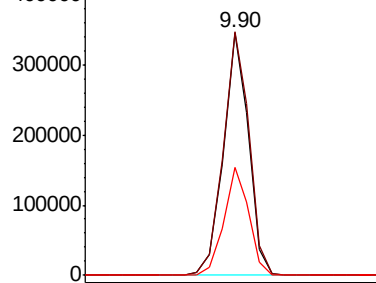


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.287 ng
RT: 9.03 min Scan# 1180
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.3	94.9
179	23.7	18.9	28.3
108	18.1	15.0	22.6

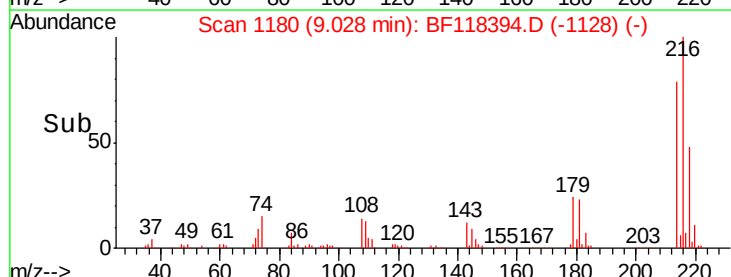
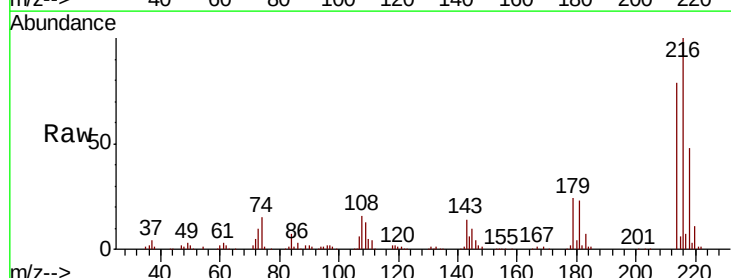
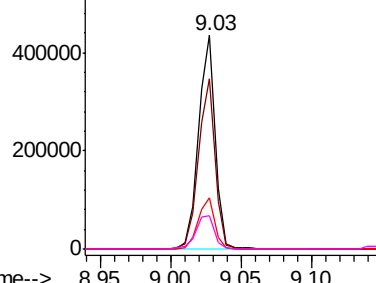
Abundance

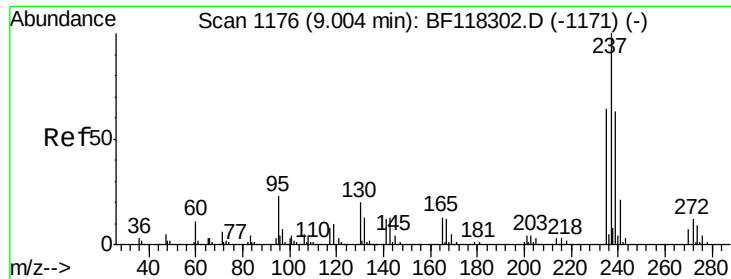
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





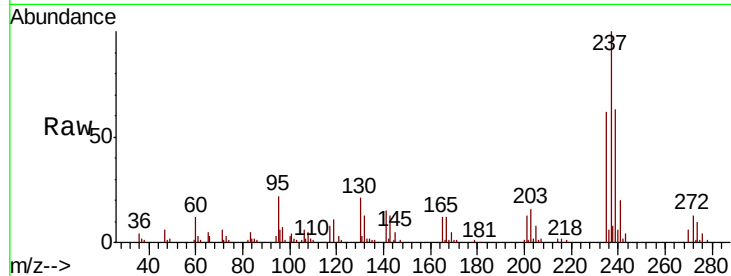
#41
Hexachlorocyclopentadiene
Concen: 24.534 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

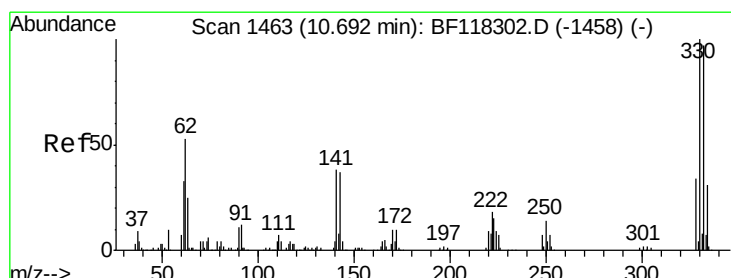
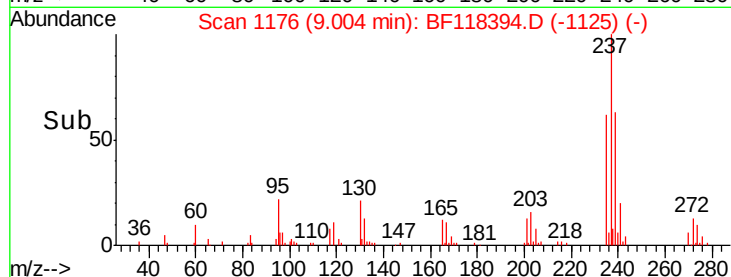
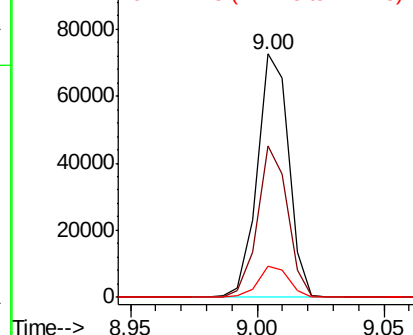
Tot Ion	Ratio	Resp	Lower	Upper
237	100	63180		
235	62.3	43.8	83.8	
272	12.6	0.0	31.7	

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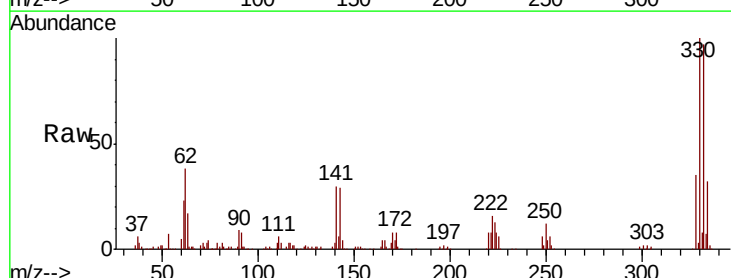


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

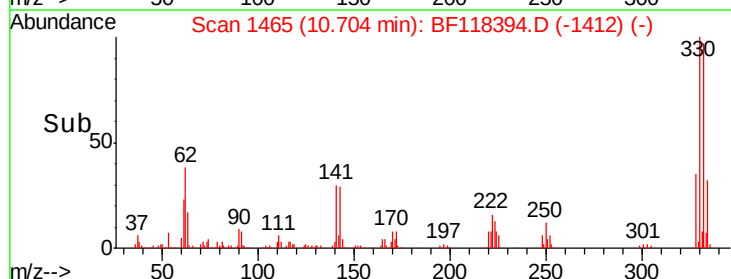
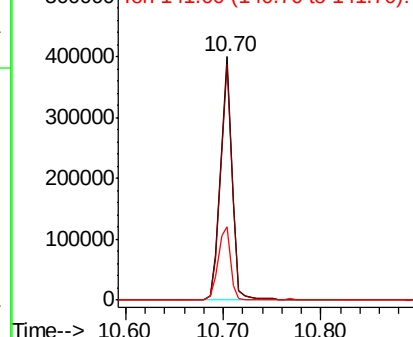


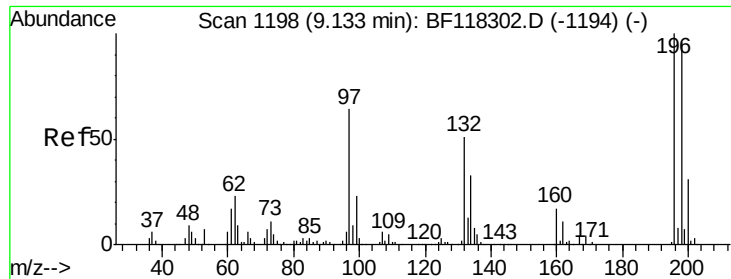
#42
2,4,6-Tribromophenol
Concen: 94.434 ng
RT: 10.70 min Scan# 1465
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	333391		
332	97.2	76.6	114.8	
141	32.4	26.0	39.0	



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





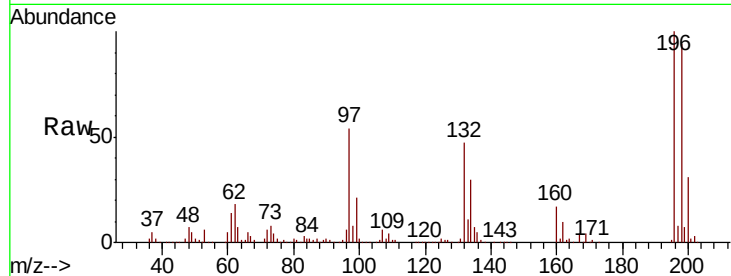
#43
 2,4,6-Trichlorophenol
 Concen: 42.189 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Instrument :
 BNA_F
 ClientSampled :
 SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	242095		
198	93.5	76.7	115.1	
200	31.1	24.8	37.2	

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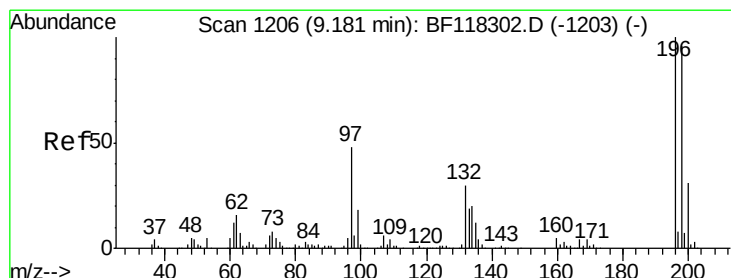
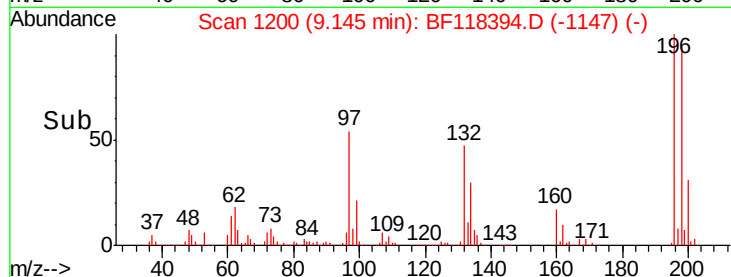
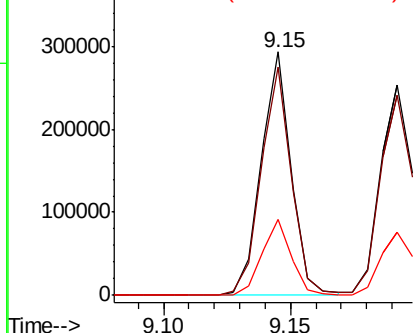


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 43.772 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	258392		
198	95.5	77.0	115.4	
97	47.1	38.9	58.3	
132	28.9	23.9	35.9	

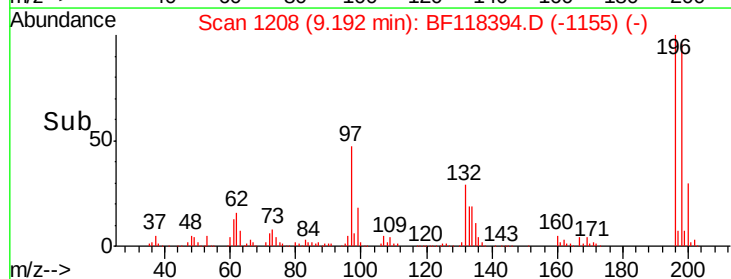
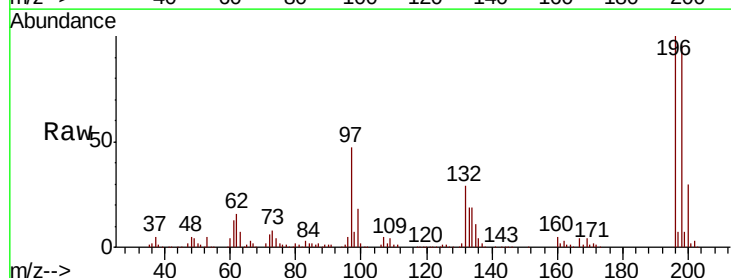
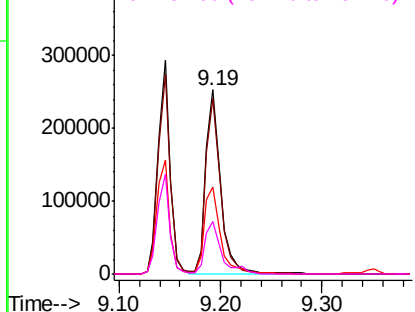
Abundance

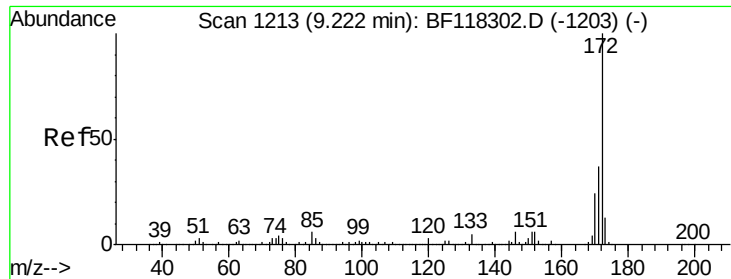
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





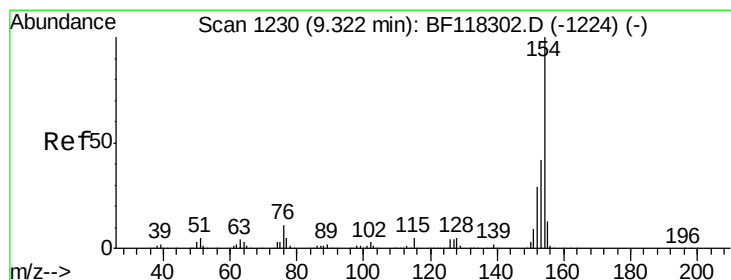
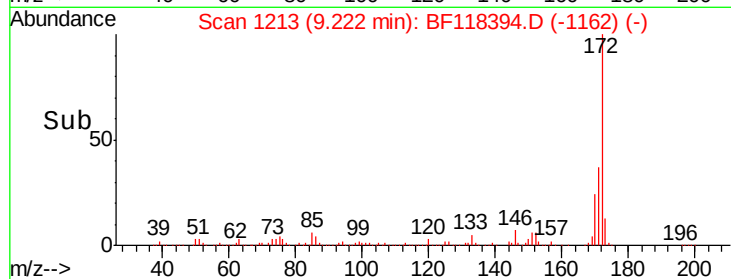
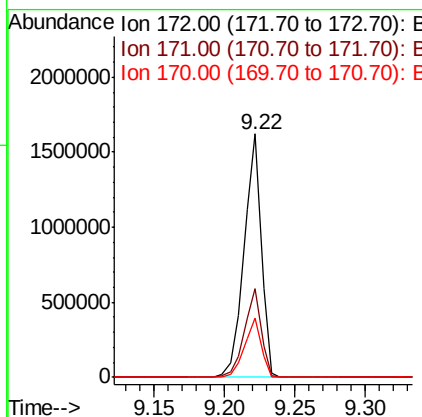
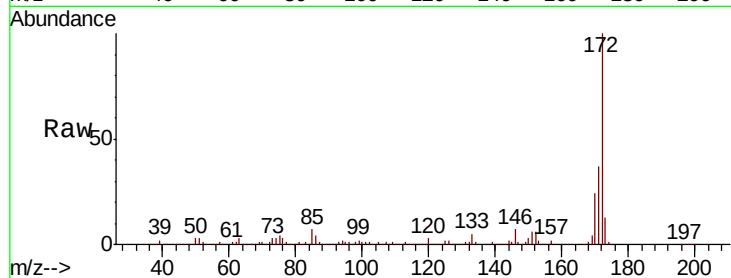
#45
2-Fluorobiphenyl
Concen: 73.393 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.6	29.3	43.9	
170	24.1	19.2	28.8	

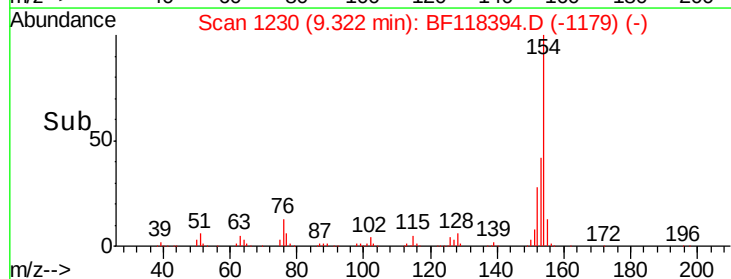
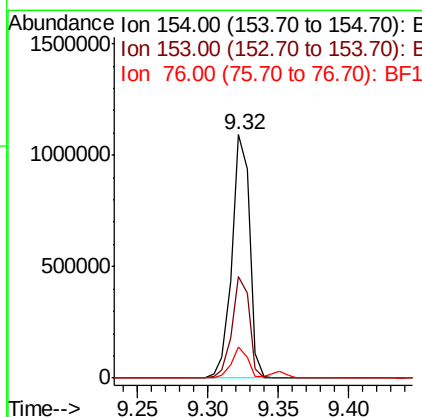
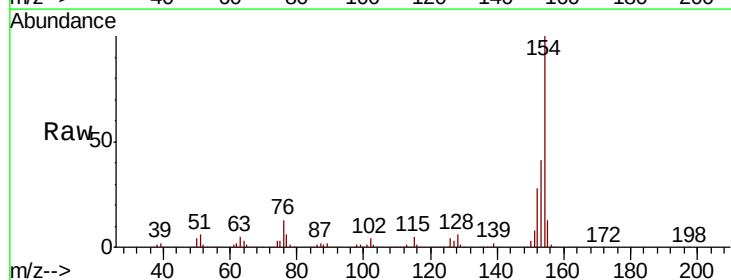
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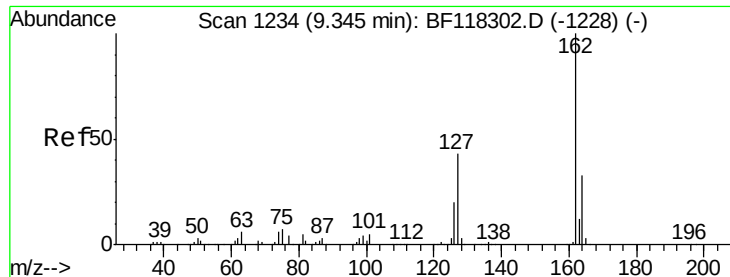
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#46
1,1'-Biphenyl
Concen: 42.361 ng
RT: 9.32 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	41.5	21.8	61.8	
76	12.6	0.0	30.9	





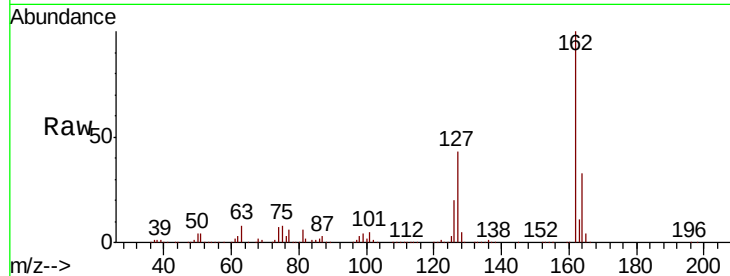
#47
2-Chloronaphthalene
Concen: 40.827 ng
RT: 9.35 min Scan# 1235
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.5	35.0	52.4
164	33.3	26.6	40.0

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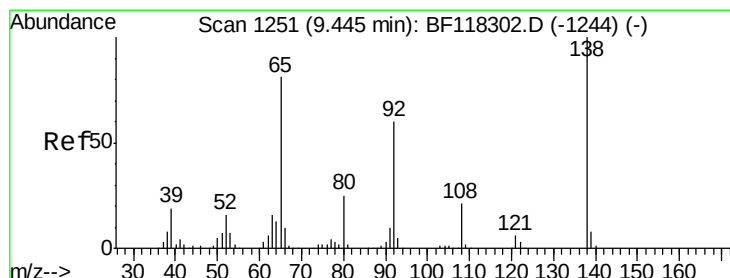
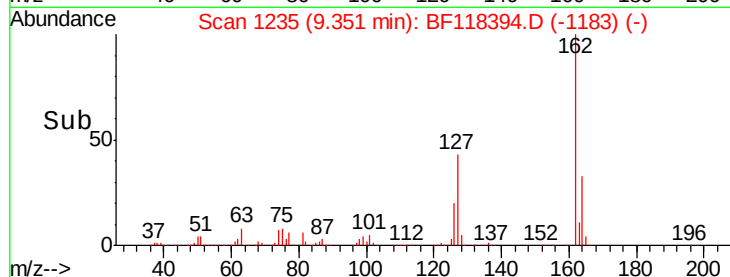
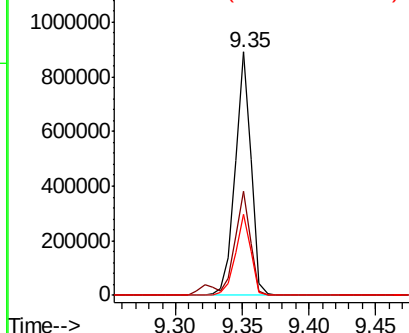


Abundance

Ion 162.00 (161.70 to 162.70): E

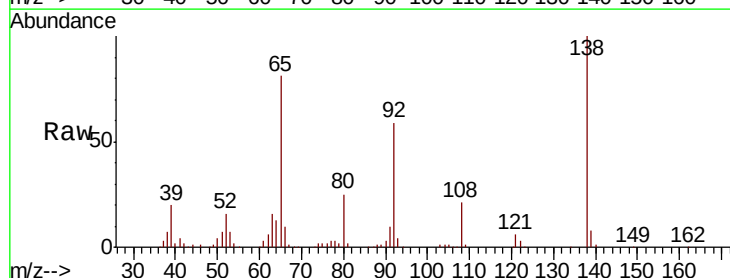
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 39.554 ng
RT: 9.45 min Scan# 1252
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	58.7	88.1
138	124.1	98.5	147.7

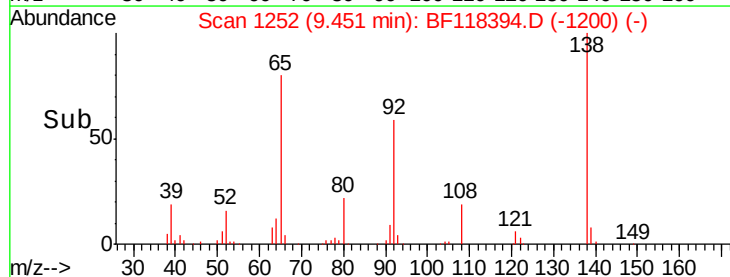
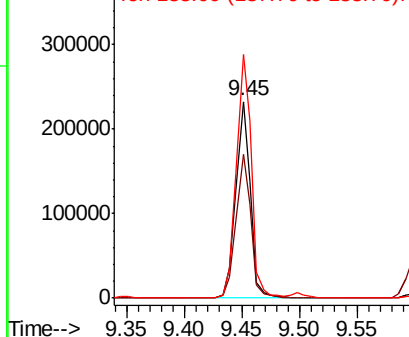


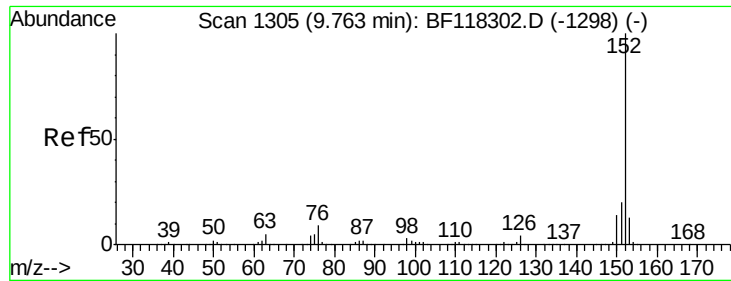
Abundance

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: 42.129 ng

RT: 9.77 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

ClientSampleId :

SB-04MS

Tot Ion:152 Resp: 1137065

Ion Ratio Lower Upper

152 100

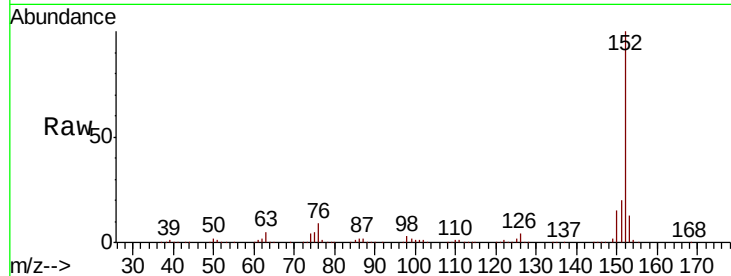
151 20.3 16.2 24.2

153 13.3 10.5 15.7

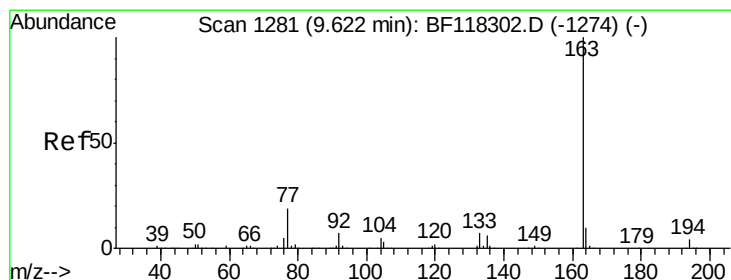
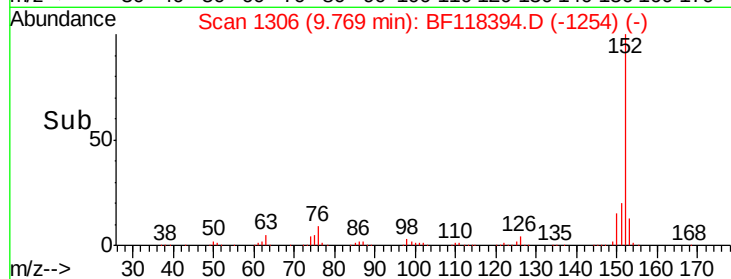
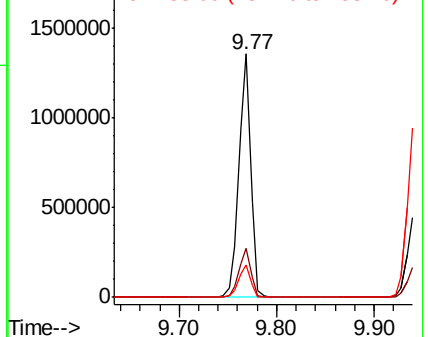
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.826 ng

RT: 9.62 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

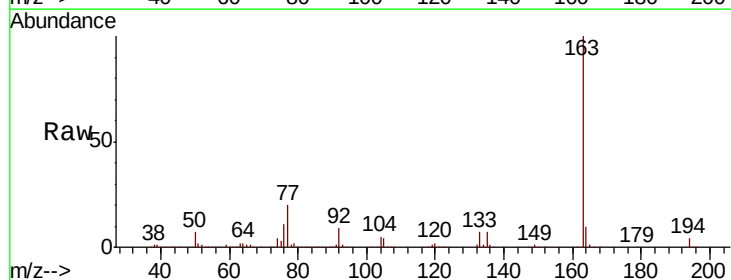
Tgt Ion:163 Resp: 1004848

Ion Ratio Lower Upper

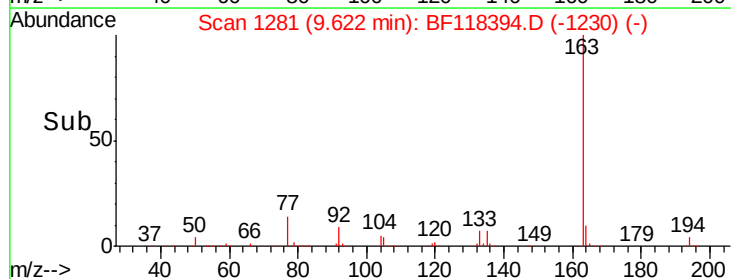
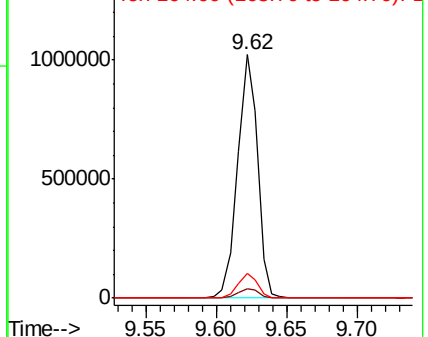
163 100

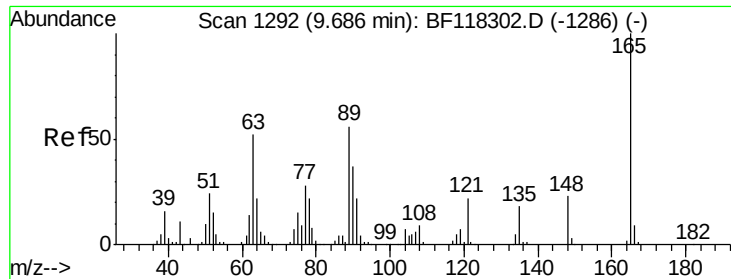
194 3.7 3.2 4.8

164 10.2 7.9 11.9



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: 42.078 ng

RT: 9.69 min Scan# 1293

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

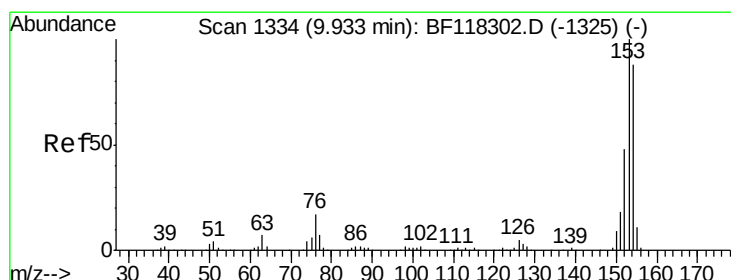
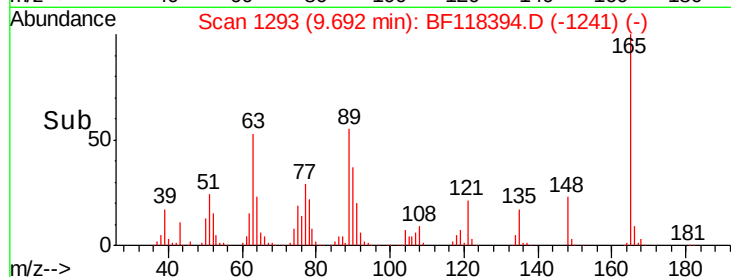
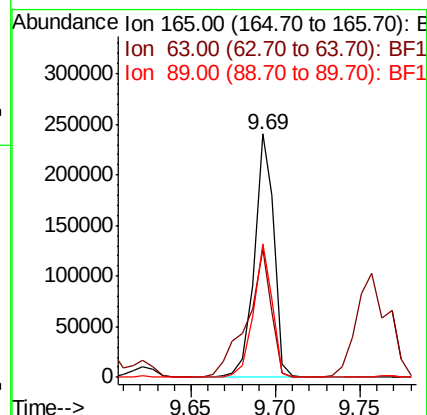
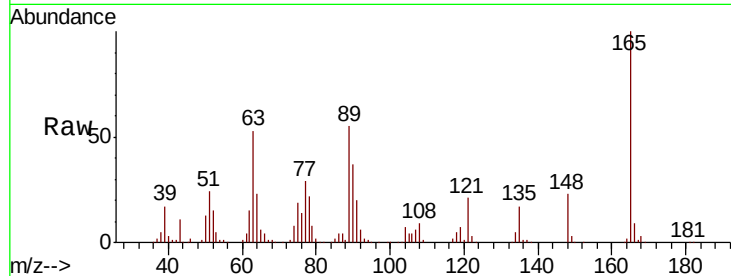
ClientSampled :

SB-04MS

Tot Ion:	165	Resp:	194670
Ion Ratio	Lower	Upper	
165	100		
63	53.0	42.2	63.4
89	55.0	44.4	66.6

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#52

Acenaphthene

Concen: 40.665 ng

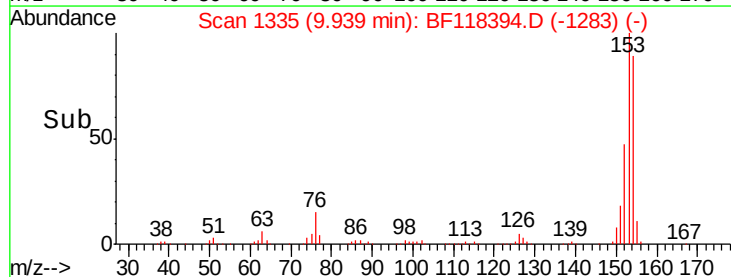
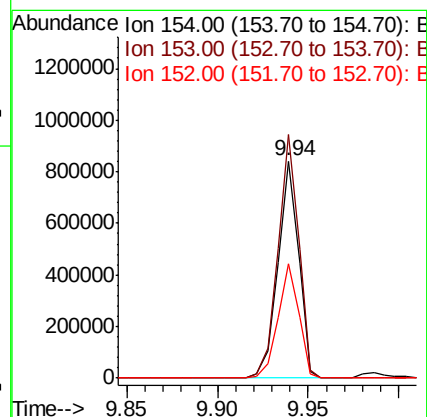
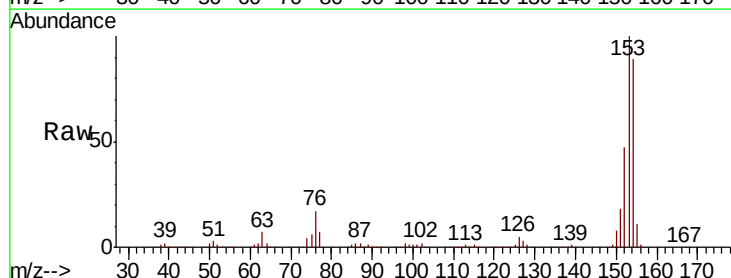
RT: 9.94 min Scan# 1335

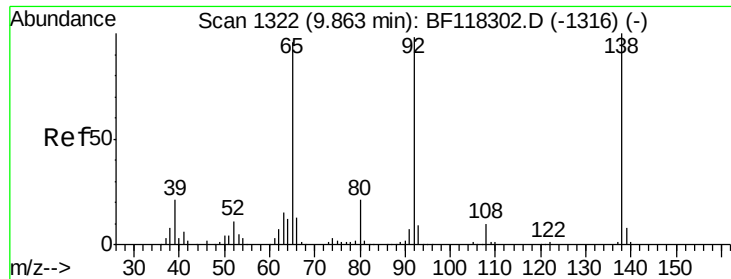
Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Tgt Ion:	154	Resp:	668531
Ion Ratio	Lower	Upper	
154	100		
153	112.0	90.6	136.0
152	52.6	43.1	64.7





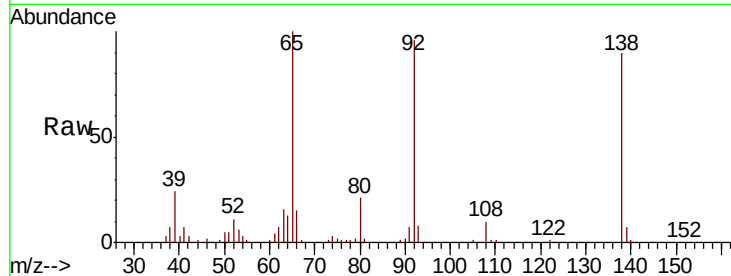
#53
3-Nitroaniline
Concen: 19.285 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	7.8	11.8
92	106.6	78.2	117.2

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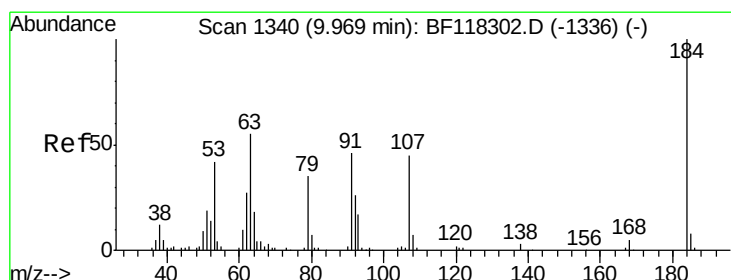
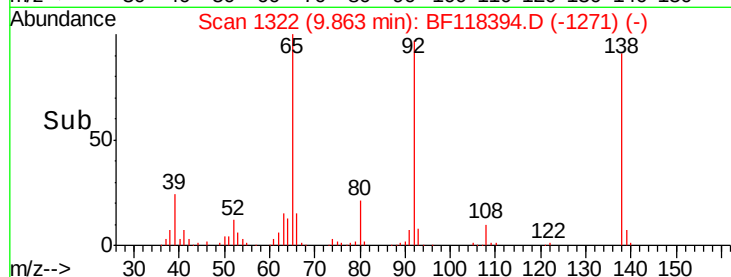
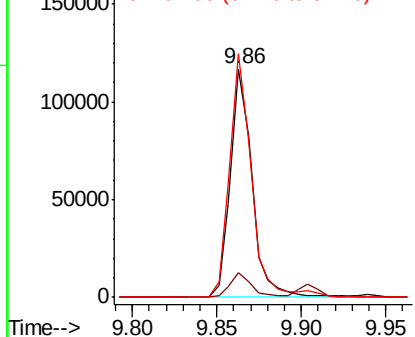


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 20.343 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

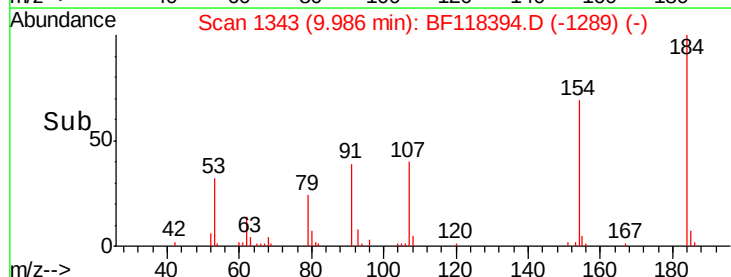
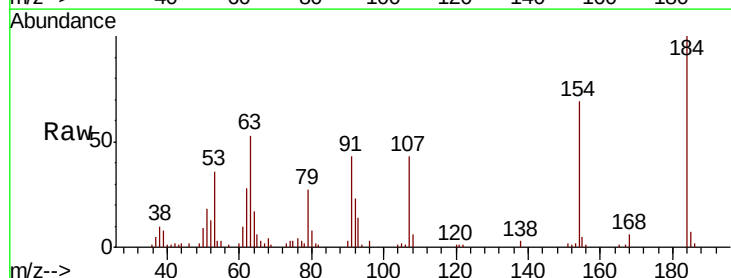
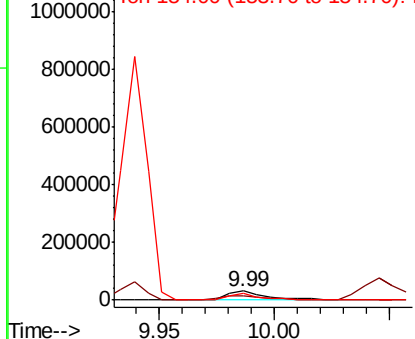
Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.1	48.8	73.2
154	69.4	55.0	82.4

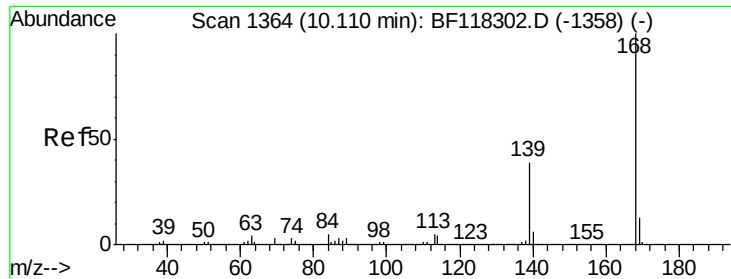
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





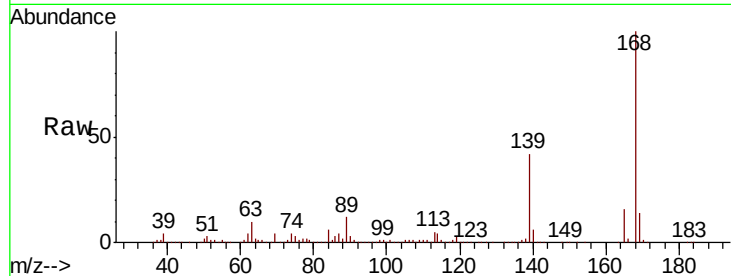
#55
Dibenzofuran
Concen: 41.638 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.6	31.5	47.3
169	13.8	10.4	15.6

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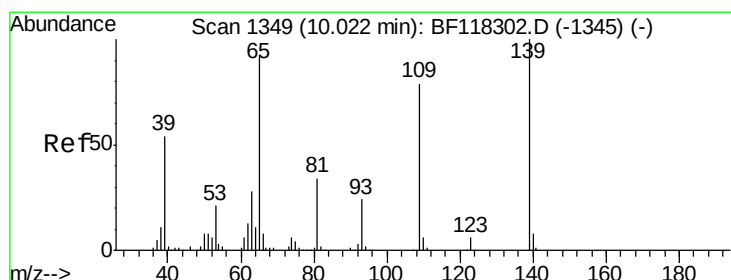
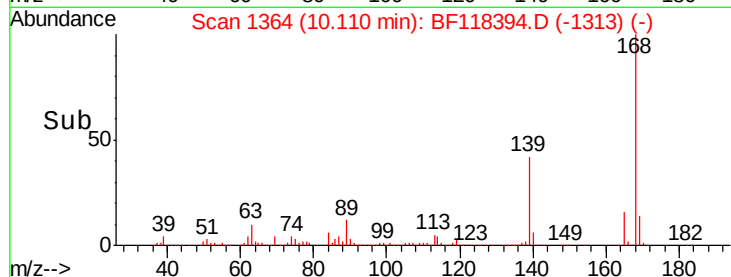
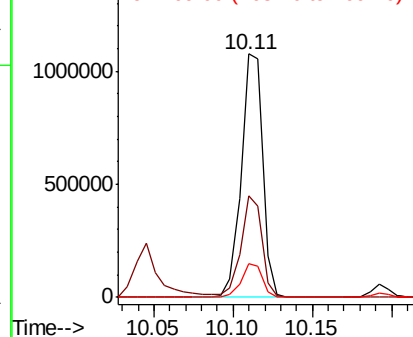


Abundance

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: 75.884 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

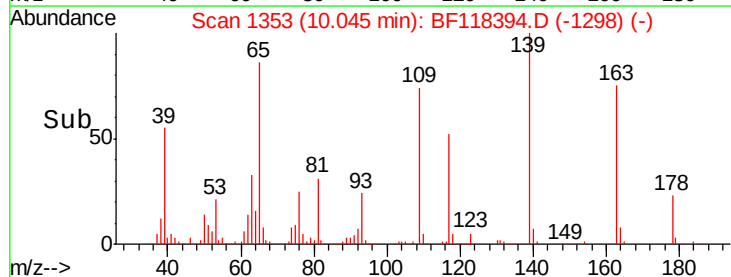
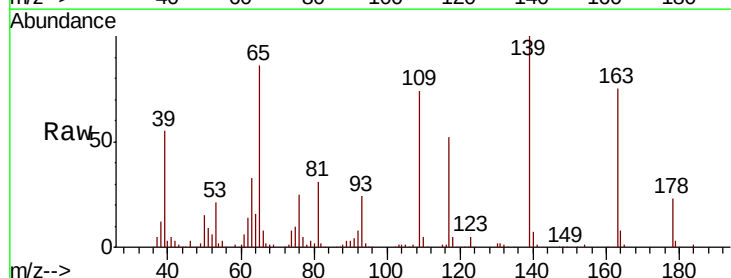
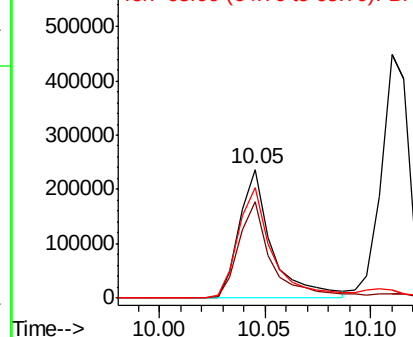
Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.5	59.3	99.3
65	86.0	72.4	112.4

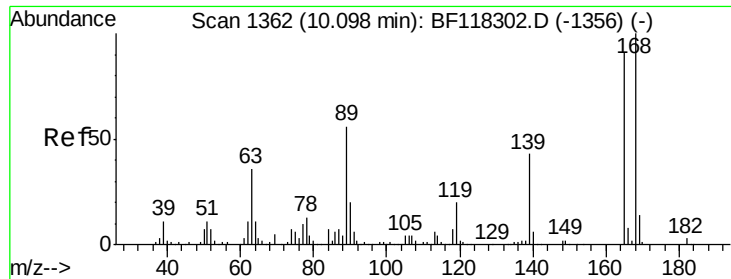
Abundance

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





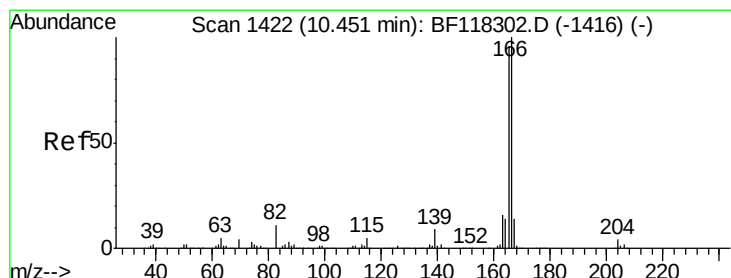
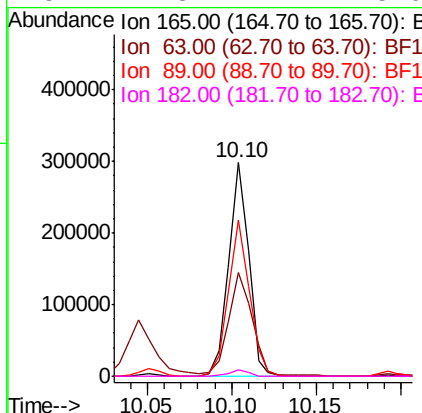
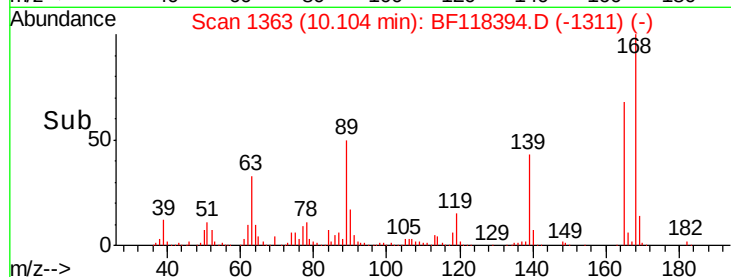
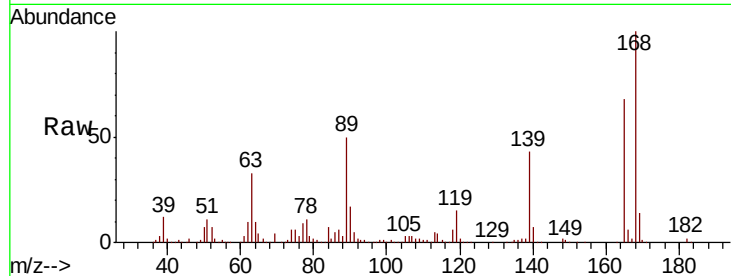
#57
2,4-Dinitrotoluene
Concen: 39.608 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	244851		
63	48.7	32.0	48.0	#
89	72.9	49.3	73.9	
182	2.8	2.4	3.6	

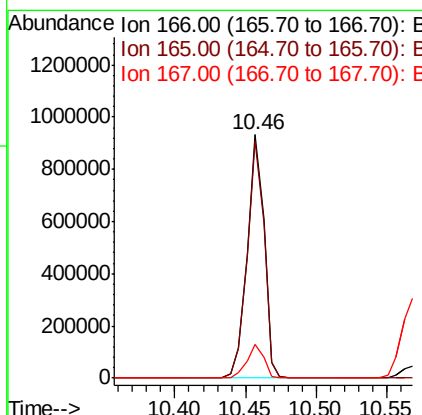
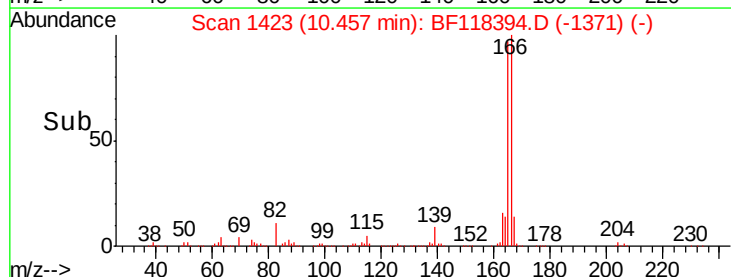
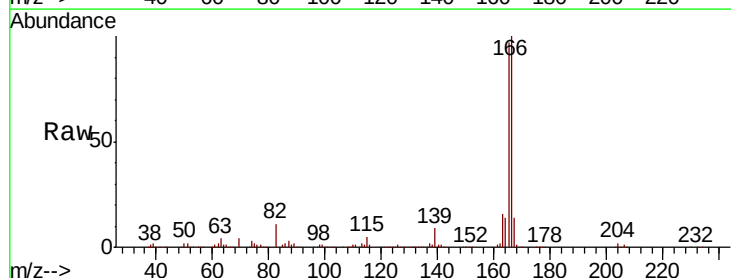
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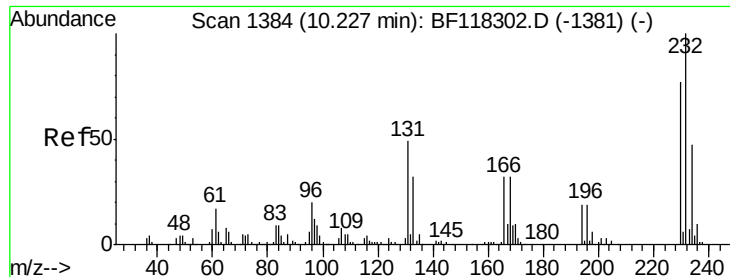
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#58
Fluorene
Concen: 39.973 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	783845		
165	97.4	77.0	115.4	
167	13.7	10.9	16.3	





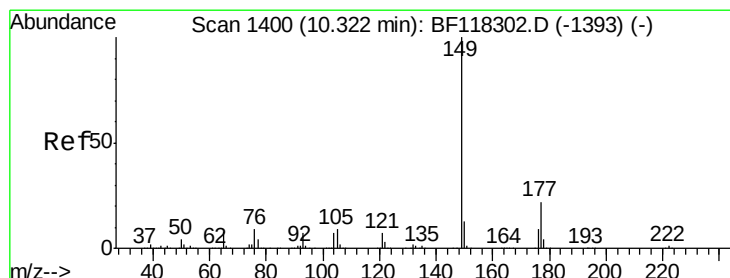
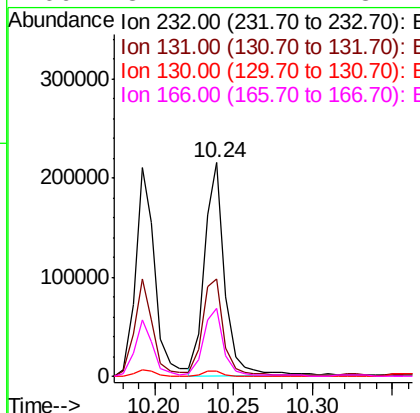
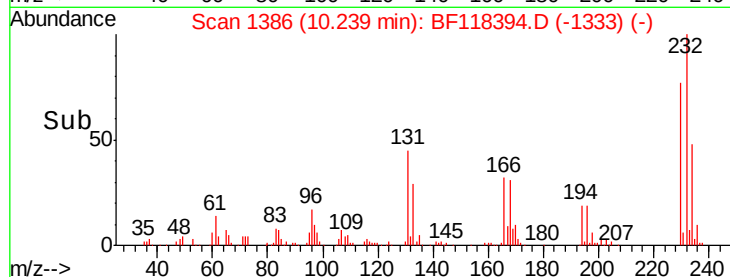
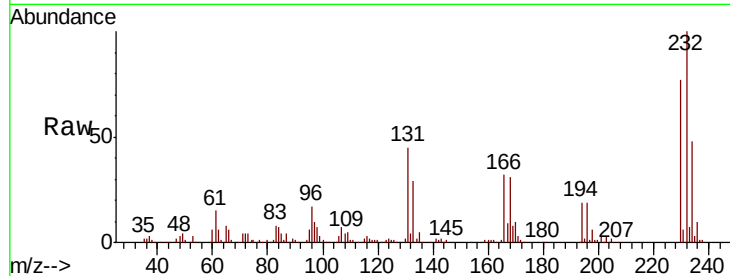
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.368 ng
RT: 10.24 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.1	37.7	56.5
130	2.4	2.0	3.0
166	32.7	24.7	37.1

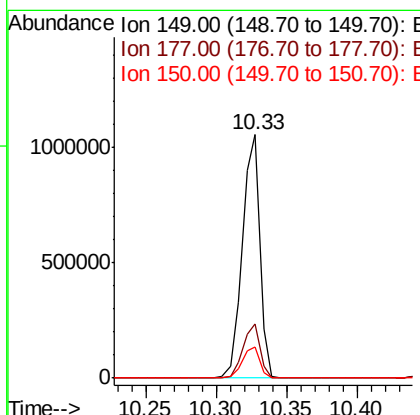
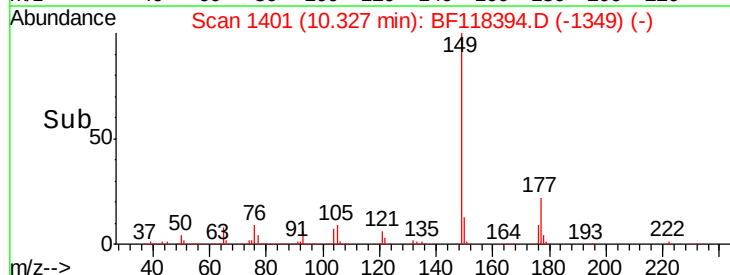
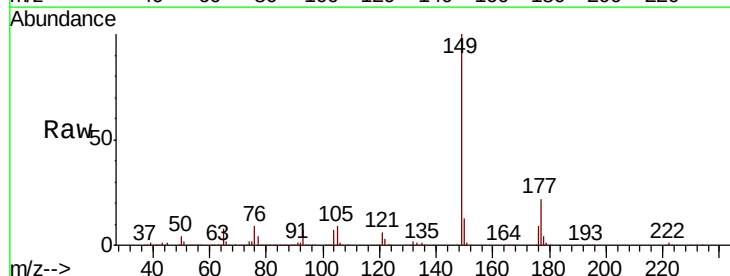
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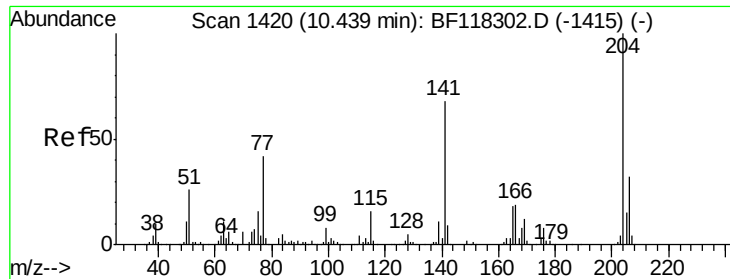
mohammad
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#60
Diethylphthalate
Concen: 42.876 ng
RT: 10.33 min Scan# 1401
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.5	17.9	26.9
150	12.7	10.2	15.2





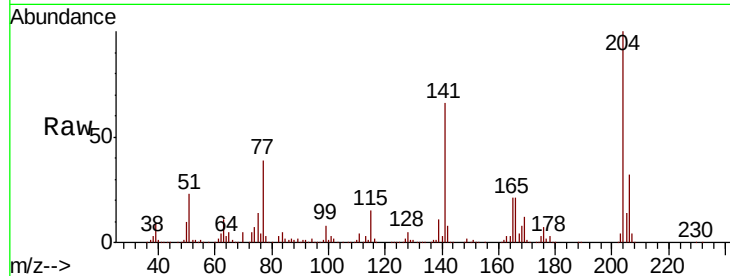
#61
4-Chlorophenyl-phenylether
Concen: 41.192 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.5	25.8	38.8
141	66.5	54.2	81.4

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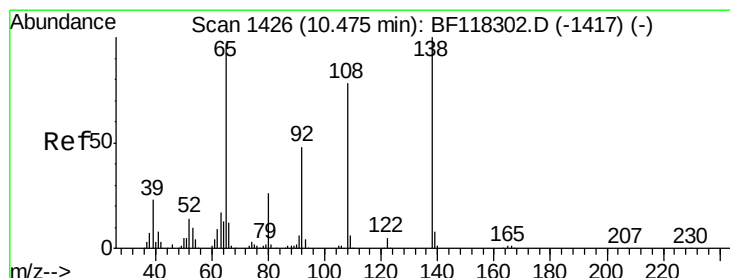
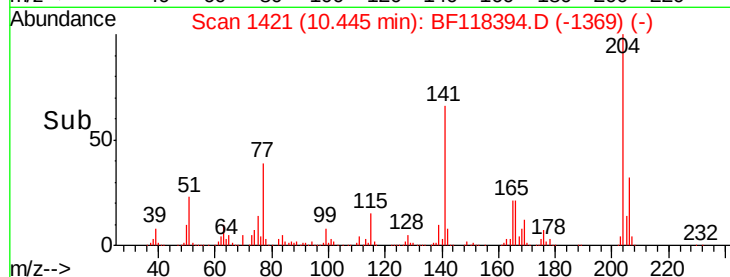
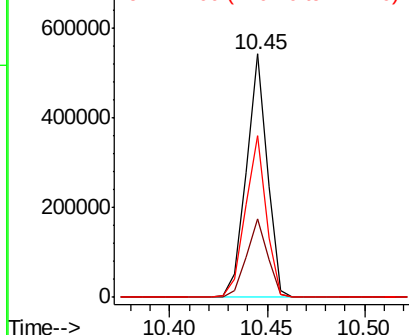


Abundance

Ion 204.00 (203.70 to 204.70): E

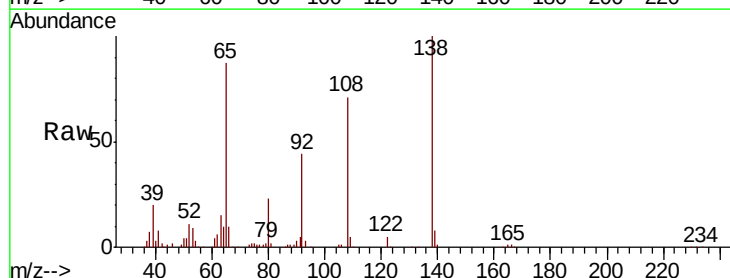
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 29.642 ng
RT: 10.49 min Scan# 1428
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.4	27.9	67.9
108	70.8	58.1	98.1

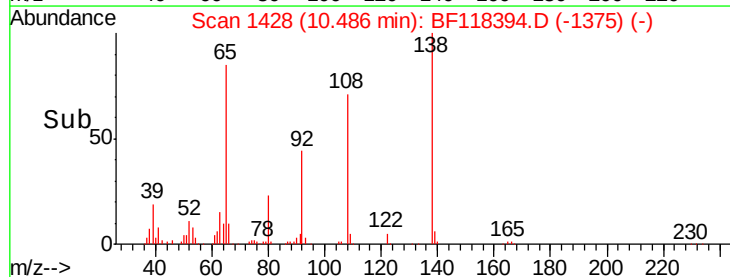
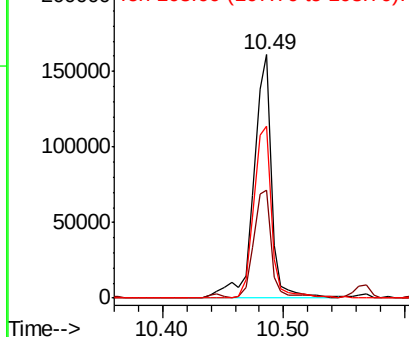


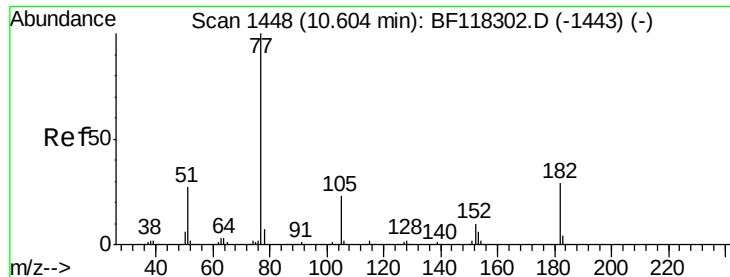
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.727 ng

RT: 10.61 min Scan# 1449

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

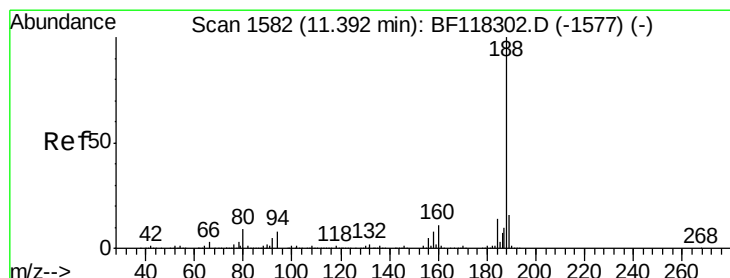
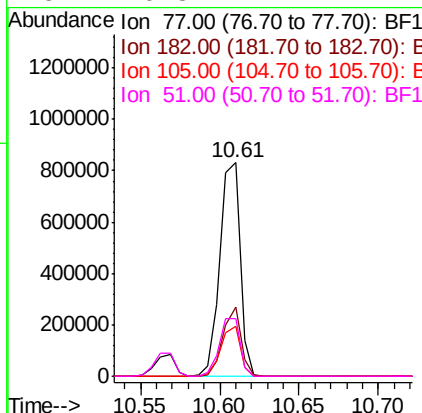
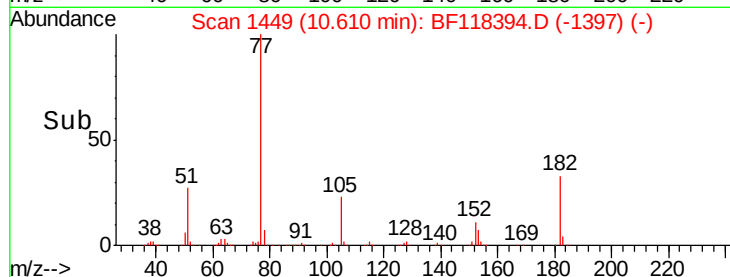
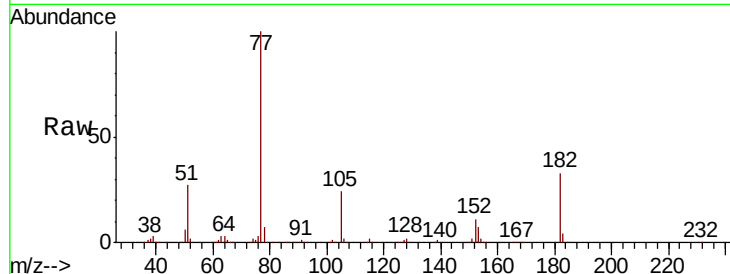
ClientSampleId :

SB-04MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	32.6	9.2	49.2		
105	23.6	3.2	43.2		
51	26.8	7.1	47.1		

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#64

Phenanthrene-d10

Concen: 20.000 ng

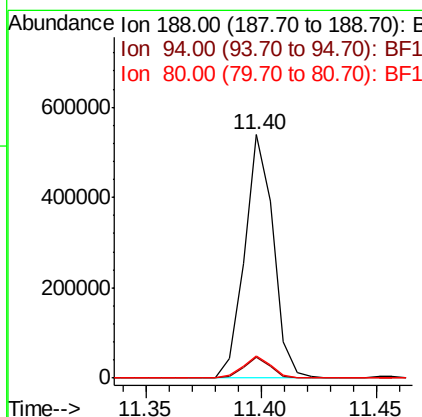
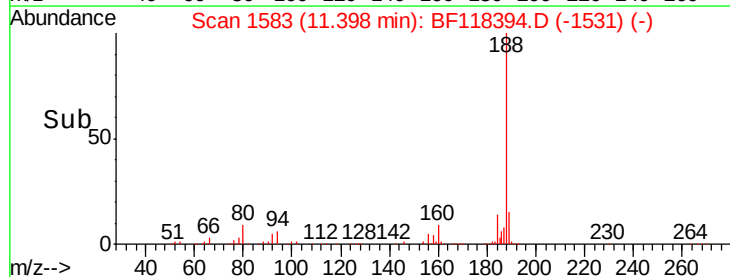
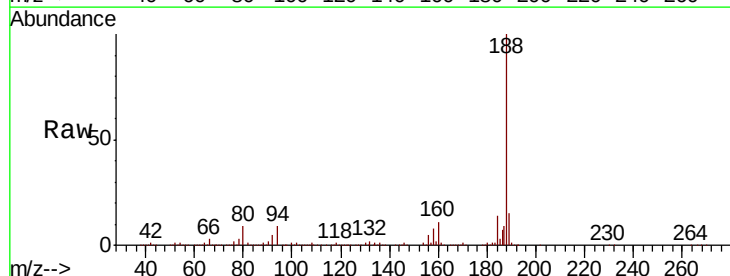
RT: 11.40 min Scan# 1583

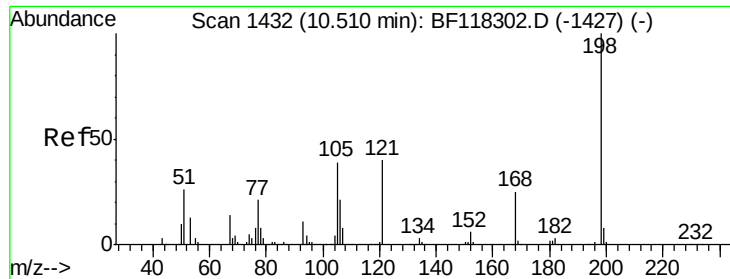
Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.7	6.7	10.1		
80	9.3	7.2	10.8		





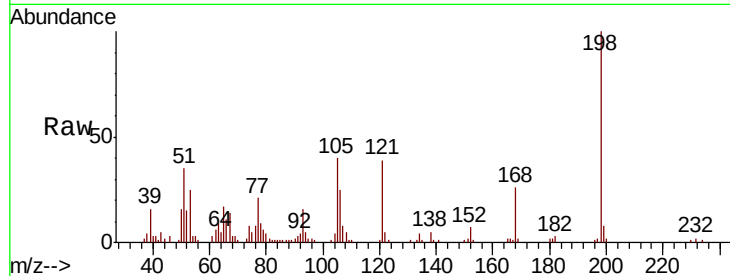
#65
4,6-Dinitro-2-methylphenol
Concen: 14.188 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	34.6	12.8	52.8
105	39.9	20.3	60.3

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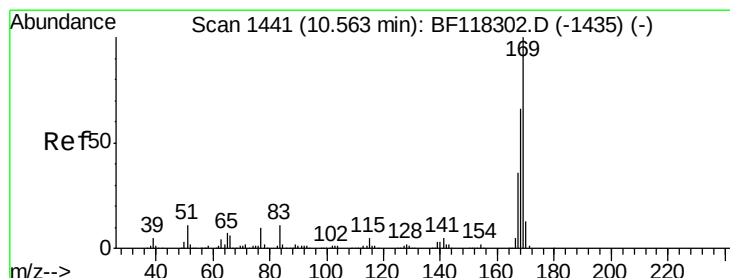
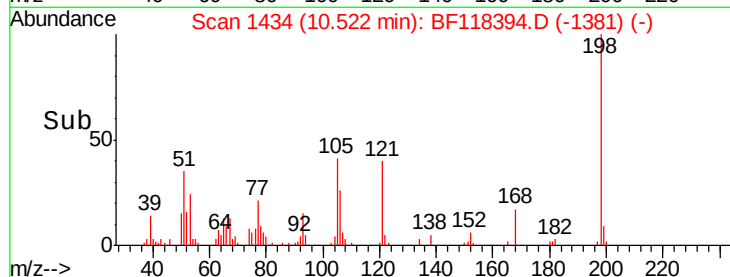
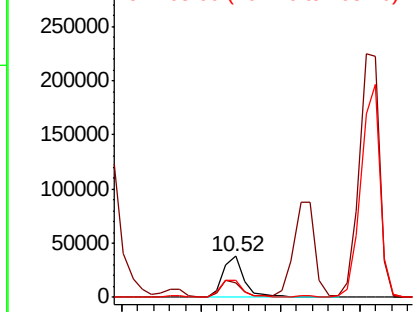


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 47.303 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

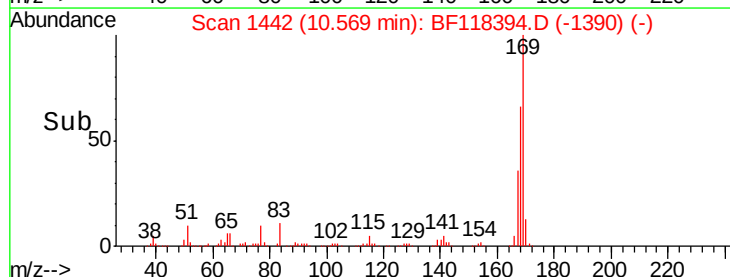
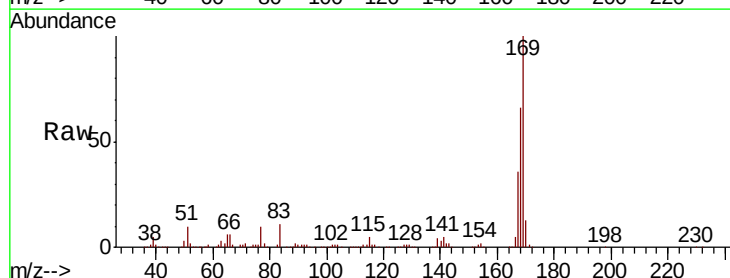
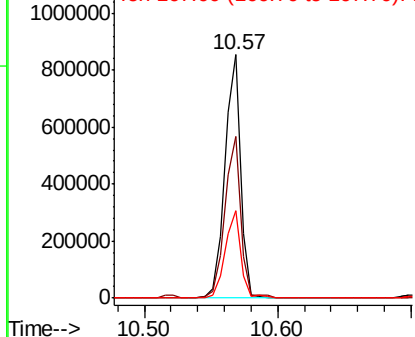
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.4	52.6	79.0
167	35.9	28.4	42.6

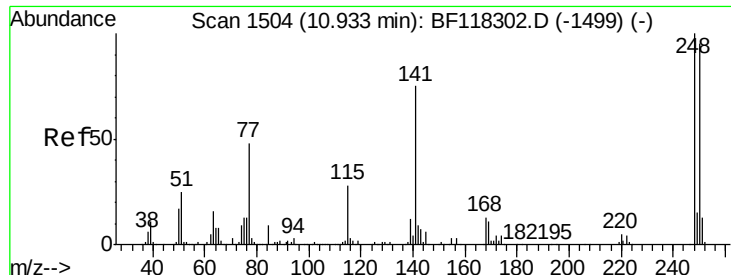
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





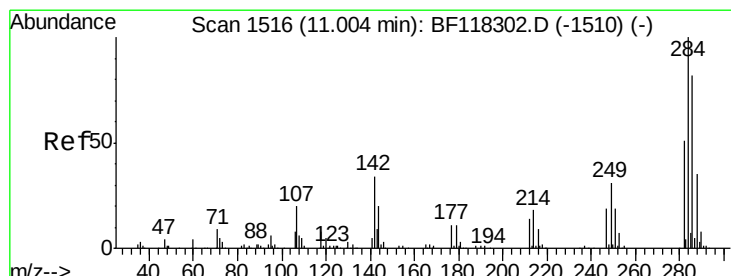
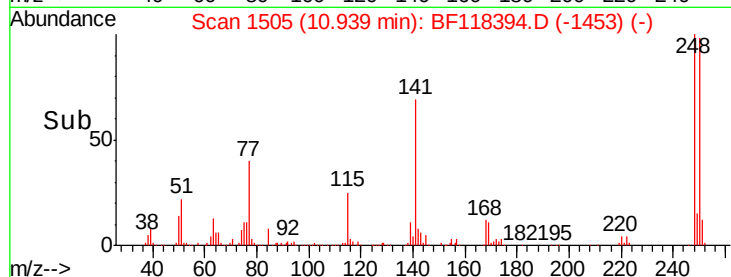
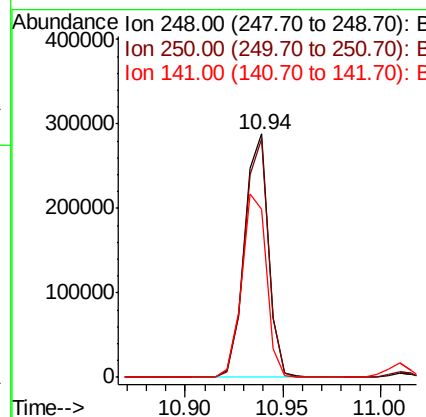
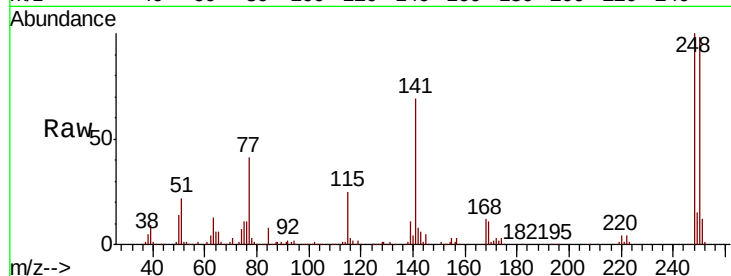
#67
4-Bromophenyl-phenylether
Concen: 44.653 ng
RT: 10.94 min Scan# 1505
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	76.4	114.6
141	68.8	60.2	90.2

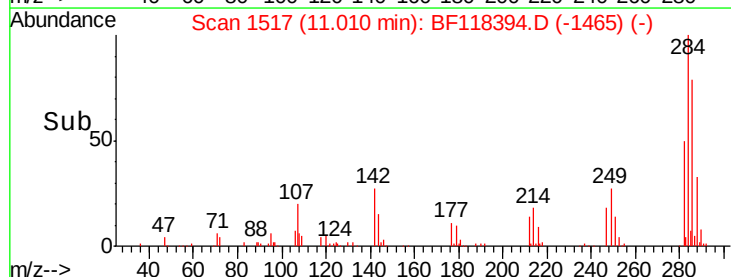
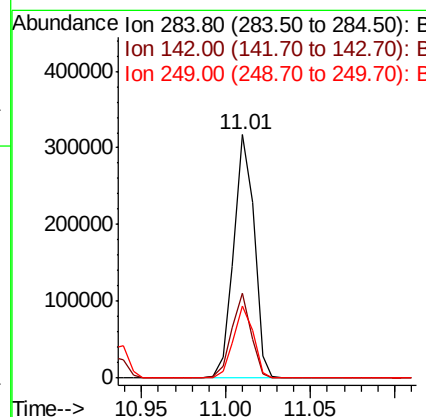
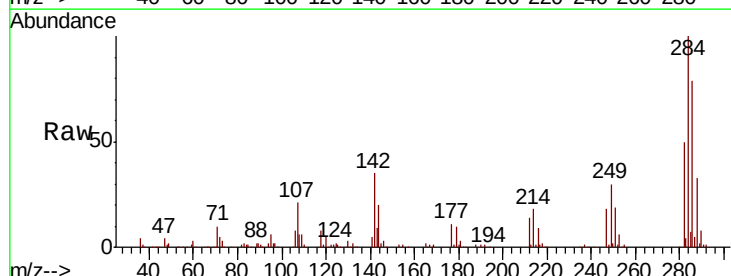
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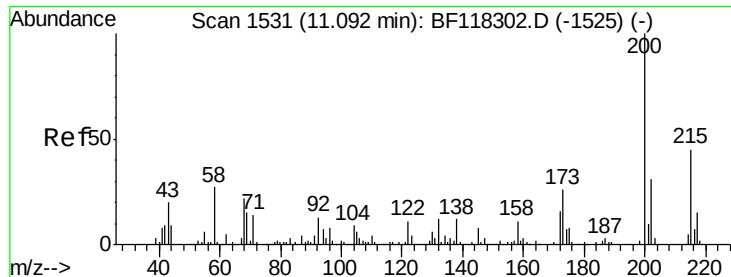
mohammad
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#68
Hexachlorobenzene
Concen: 41.323 ng
RT: 11.01 min Scan# 1517
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.7	27.3	40.9
249	29.7	25.0	37.6





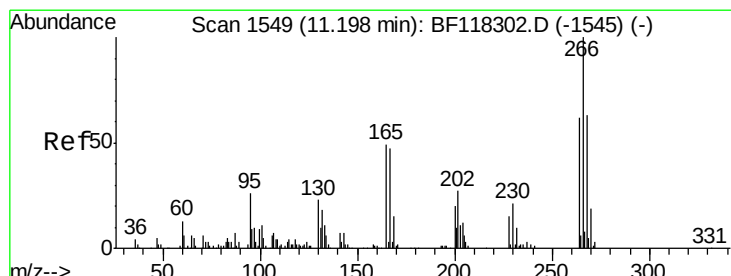
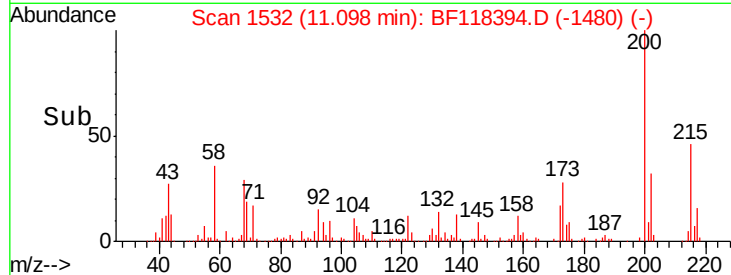
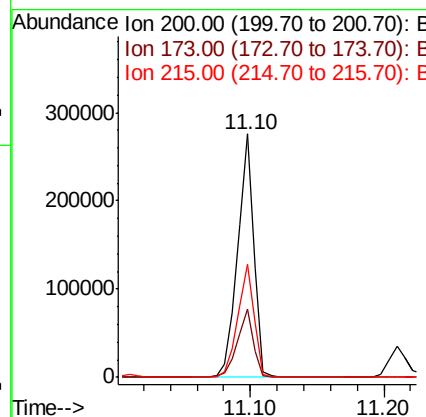
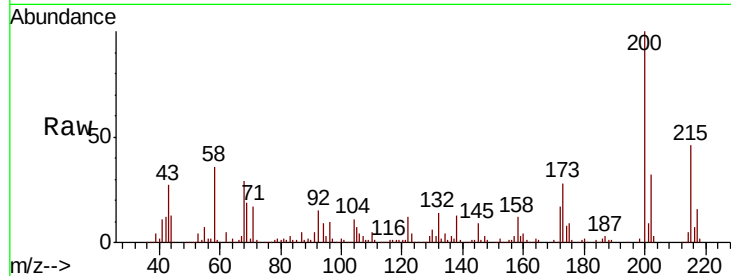
#69
Atrazine
Concen: 51.095 ng
RT: 11.10 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.8	5.8	45.8
215	46.4	25.1	65.1

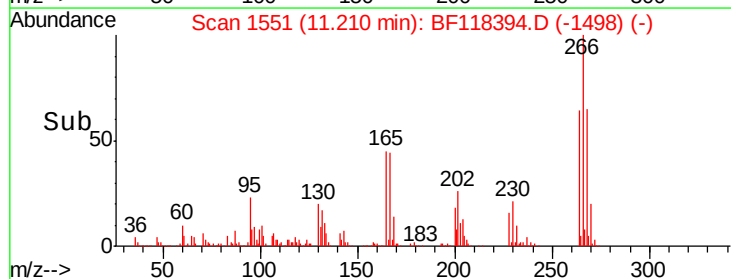
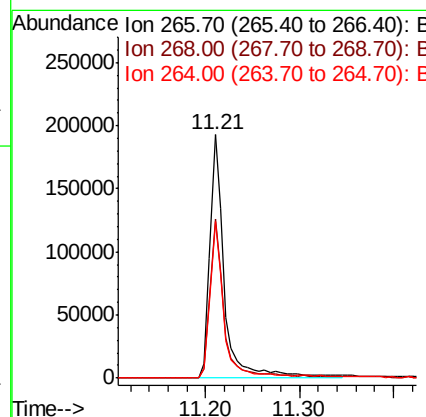
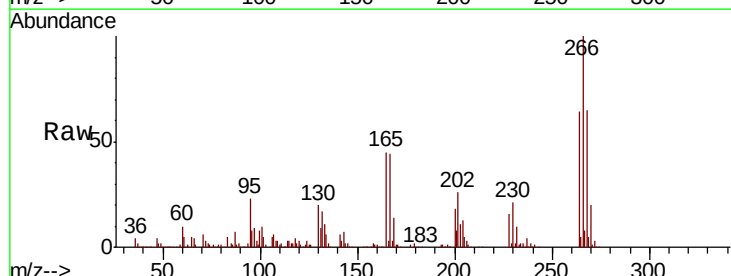
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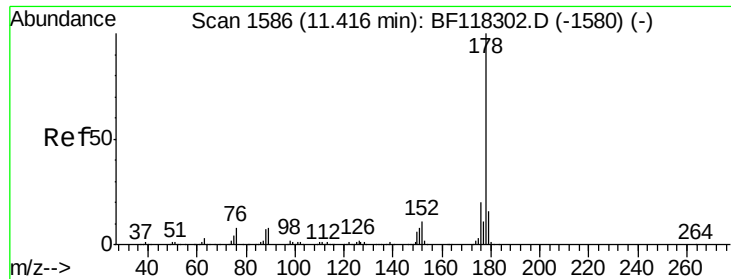
mohammad
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#70
Pentachlorophenol
Concen: 75.299 ng
RT: 11.21 min Scan# 1551
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	65.3	50.6	76.0
264	64.5	49.9	74.9





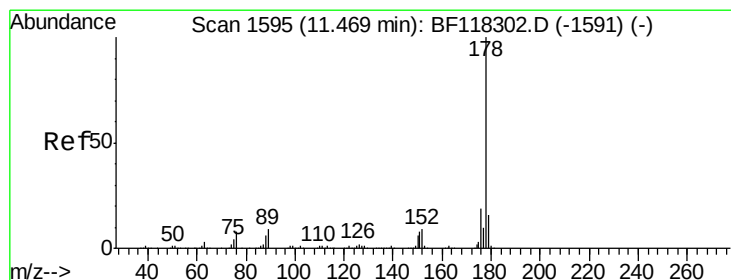
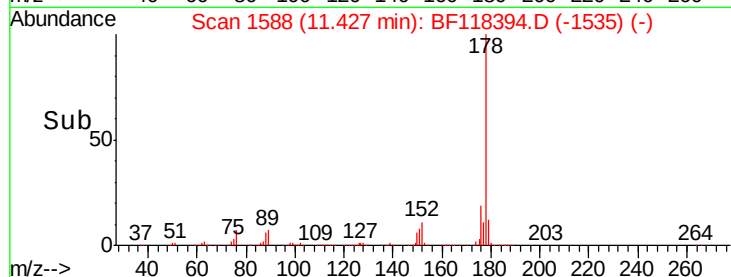
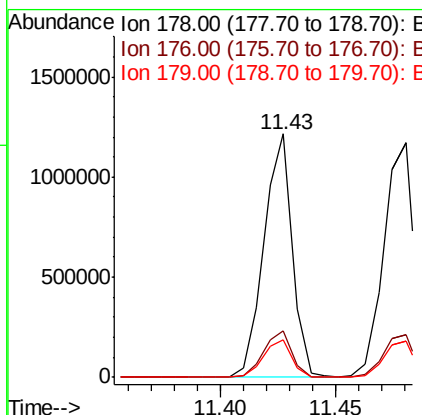
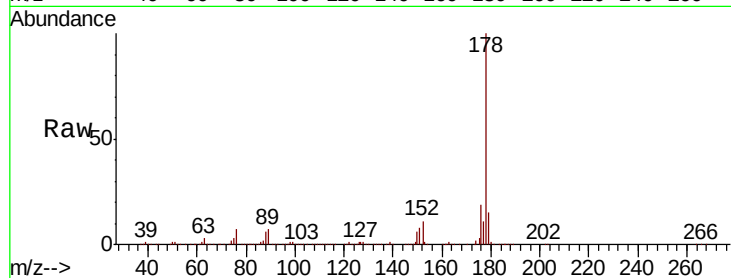
#71
Phenanthrene
Concen: 40.684 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.6	23.4
179	15.3	12.6	19.0

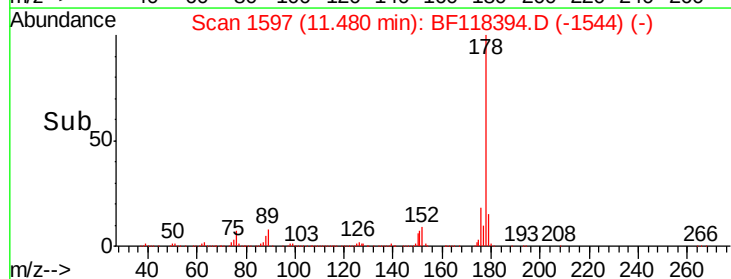
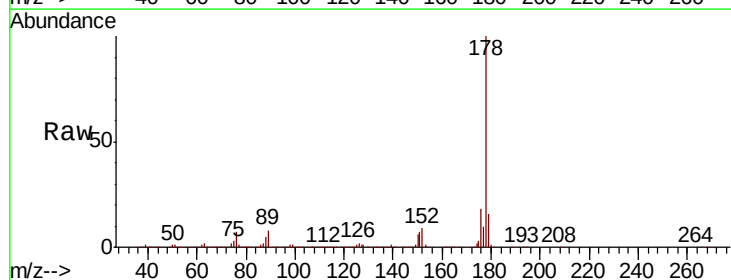
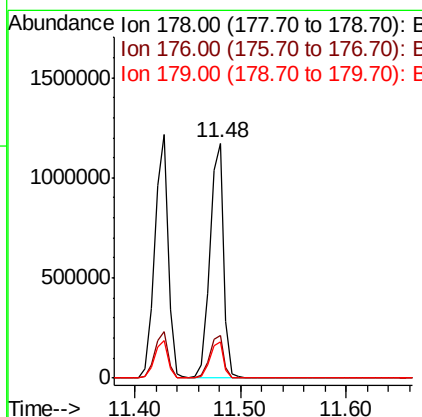
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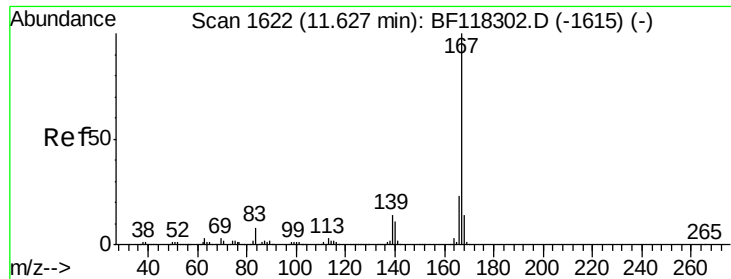
mohammad
12/31/2019 12:04:35 PM



#72
Anthracene
Concen: 41.842 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.2	22.8
179	15.5	12.9	19.3





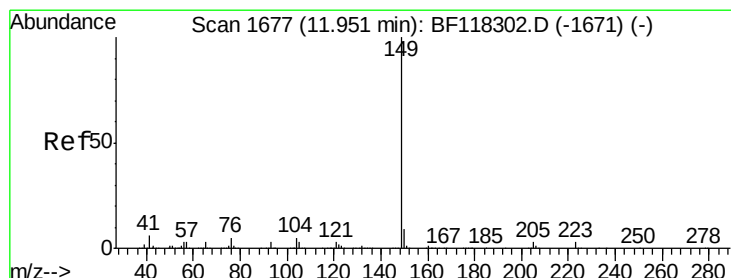
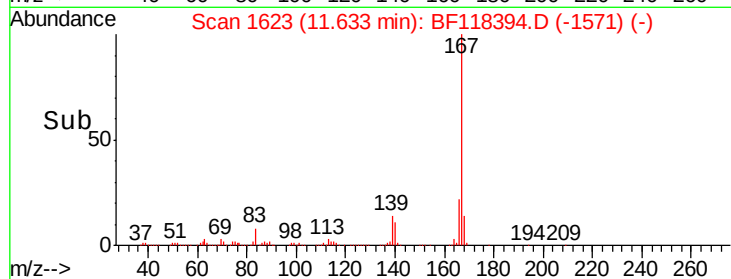
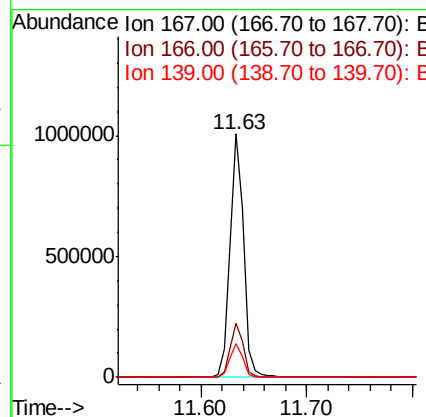
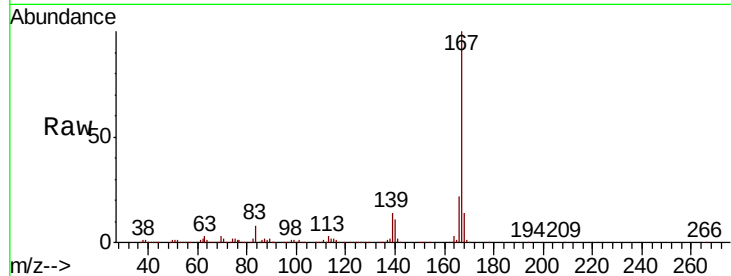
#73
 Carbazole
 Concen: 39.530 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Instrument :
 BNA_F
 ClientSampleId :
 SB-04MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.2	18.1	27.1		
139	13.8	11.5	17.3		

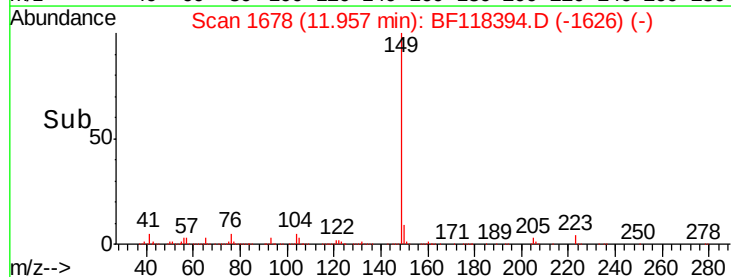
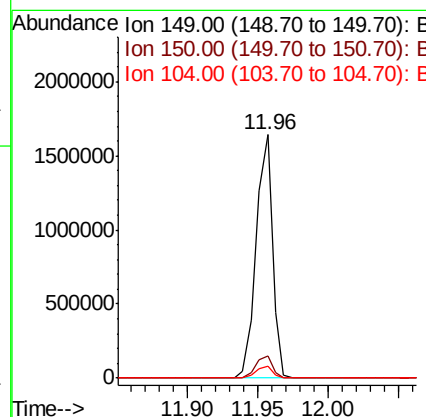
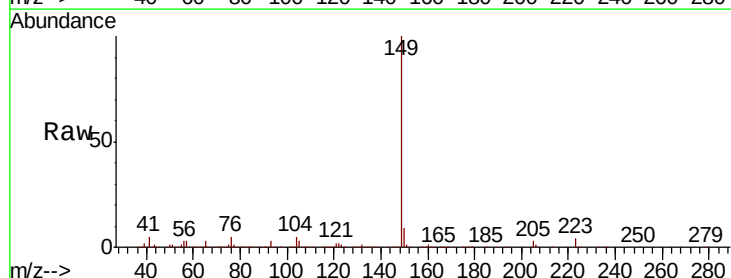
Manual Integrations
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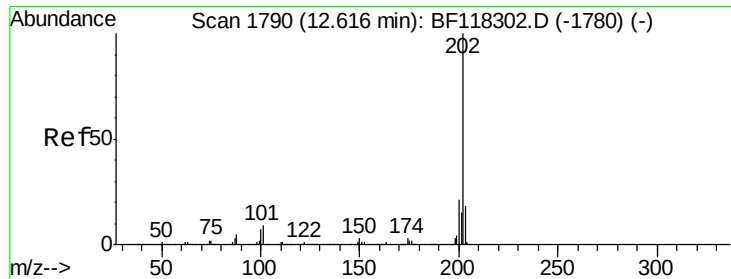
mohammad
 12/31/2019 12:04:35 PM



#74
 Di-n-butylphthalate
 Concen: 46.800 ng
 RT: 11.96 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BF118394.D
 Acq: 30 Dec 2019 21:24

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.3	7.5	11.3		
104	4.8	4.0	6.0		





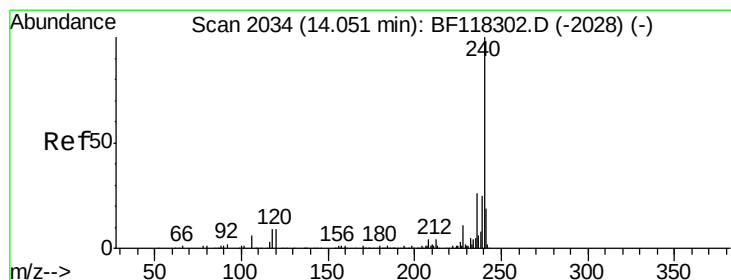
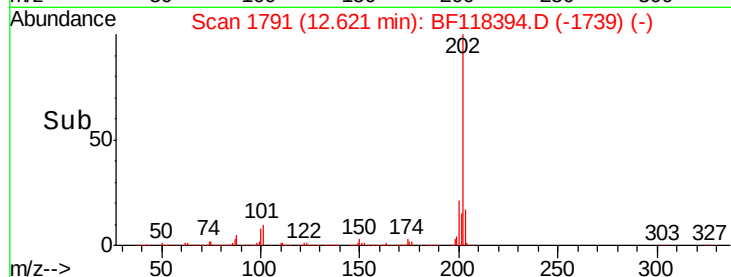
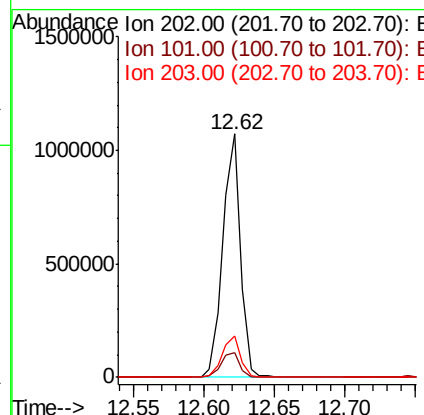
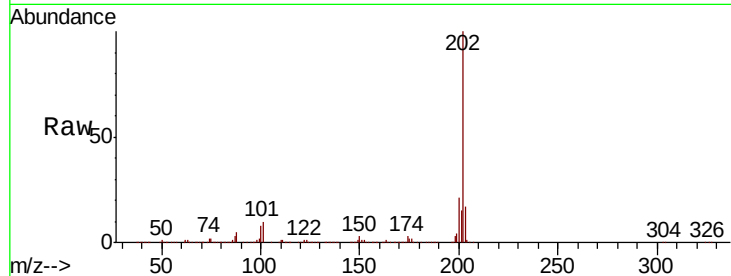
#75
Fluoranthene
Concen: 36.045 ng
RT: 12.62 min Scan# 1791
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	931027		
101	10.2	0.0	29.5	
203	17.2	0.0	37.6	

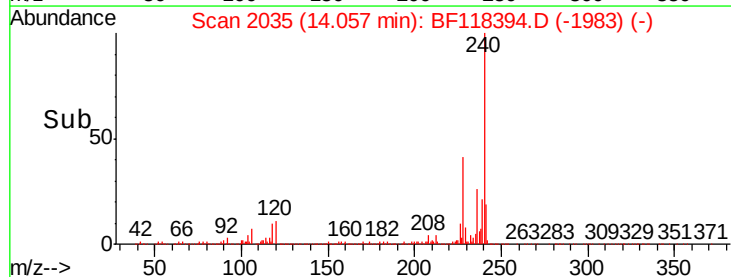
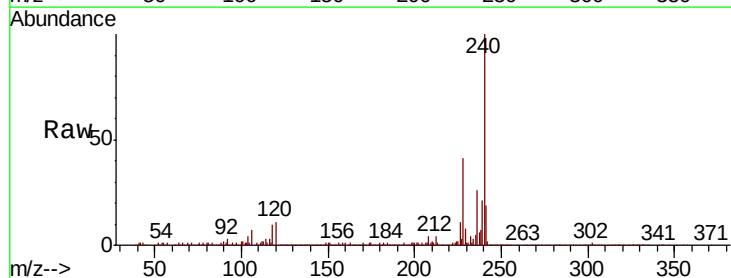
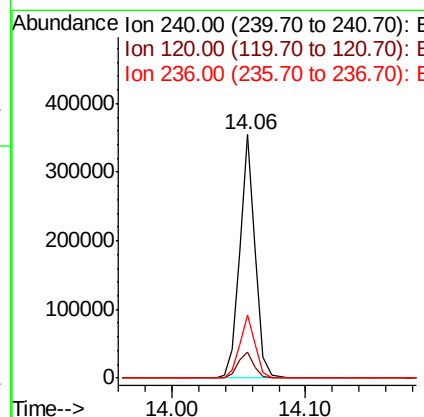
Manual Integrations
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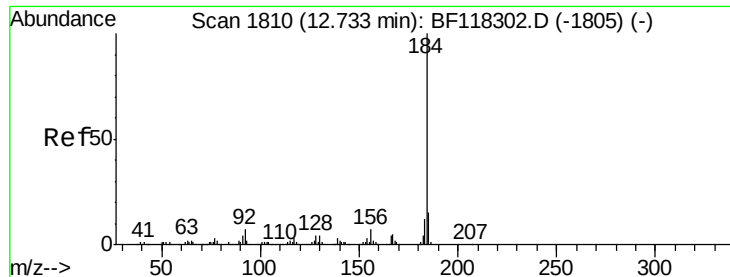
mohammad
12/31/2019 12:04:35 PM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	286975		
120	10.7	7.1	10.7#	
236	26.0	21.0	31.6	





#77

Benzidine

Concen: 97.934 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.01 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

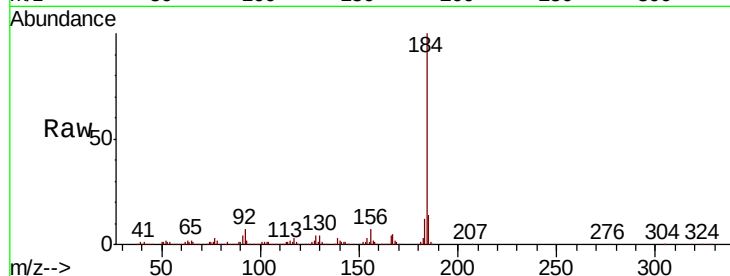
ClientSampled :

SB-04MS

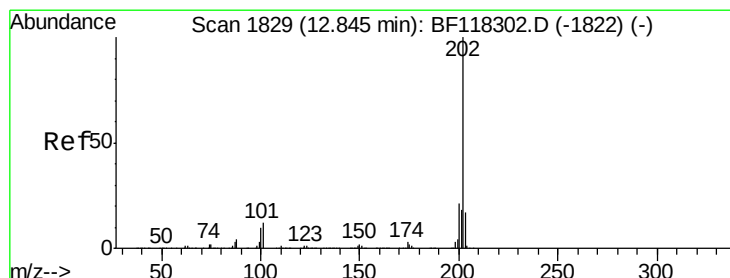
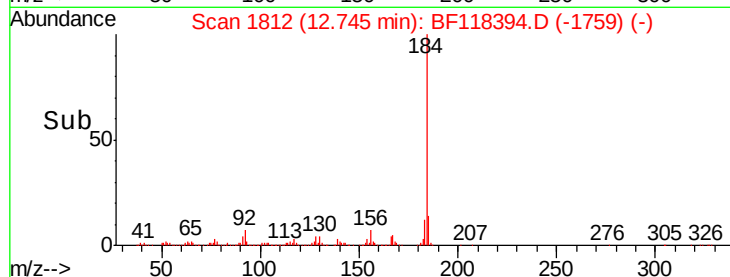
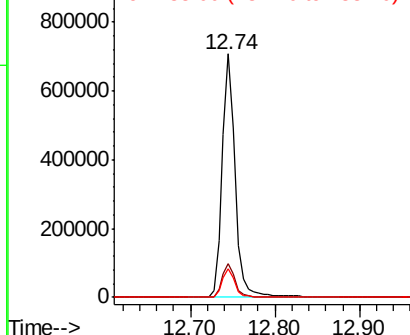
Tot Ion:	184	Resp:	770081
Ion Ratio	Lower	Upper	
184	100		
185	13.9	12.3	18.5
183	11.6	9.4	14.2

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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: 39.025 ng

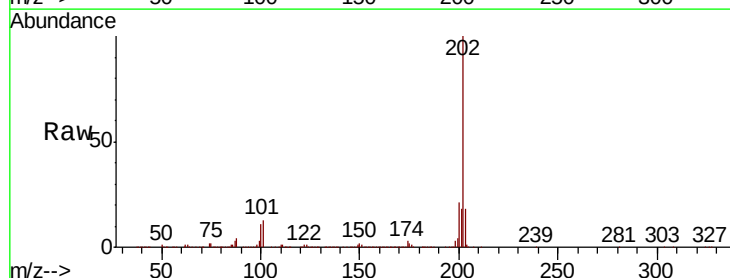
RT: 12.85 min Scan# 1830

Delta R.T. 0.01 min

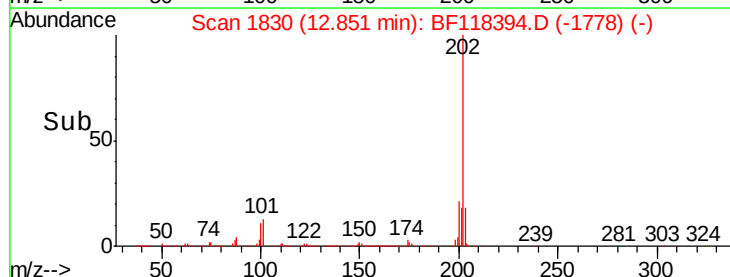
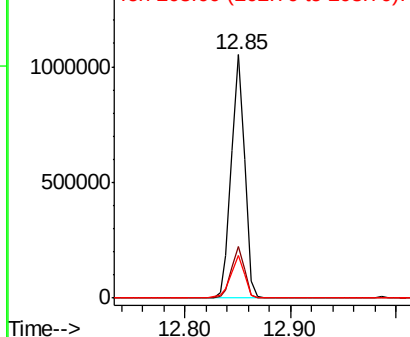
Lab File: BF118394.D

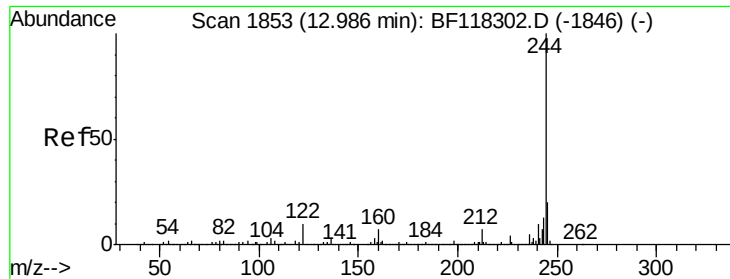
Acq: 30 Dec 2019 21:24

Tgt Ion:	202	Resp:	914534
Ion Ratio	Lower	Upper	
202	100		
200	21.1	16.8	25.2
203	17.7	13.9	20.9



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: 72.847 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.00 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

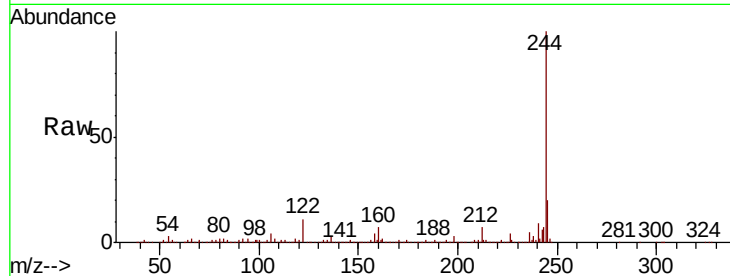
ClientSampleId :

SB-04MS

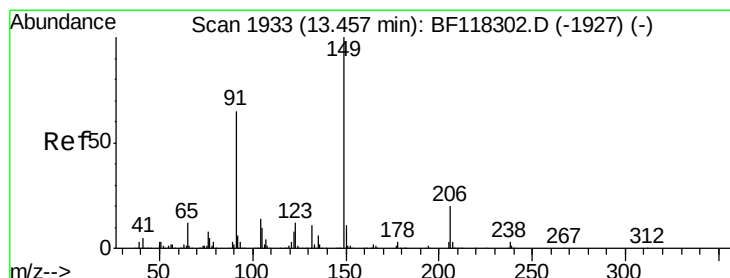
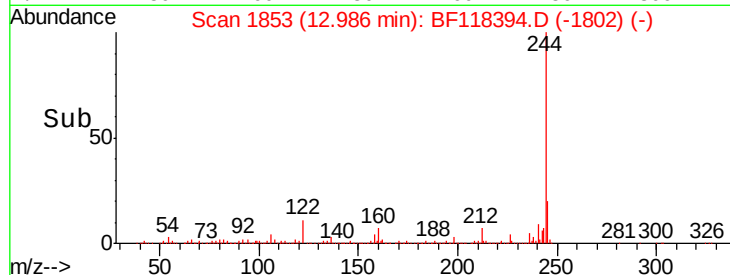
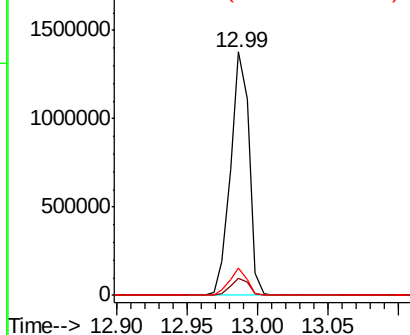
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.2
122	11.4	7.8	11.8

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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.165 ng

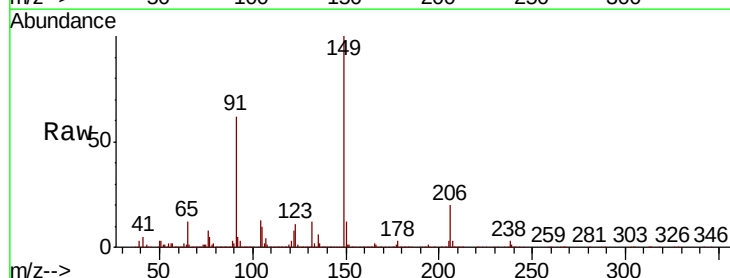
RT: 13.46 min Scan# 1934

Delta R.T. 0.01 min

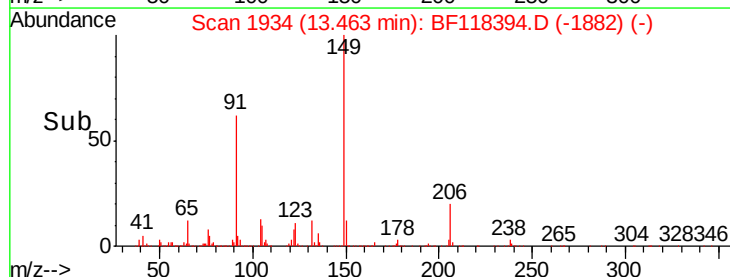
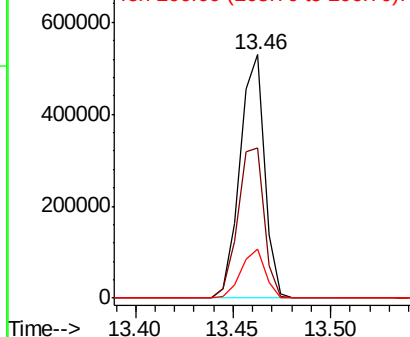
Lab File: BF118394.D

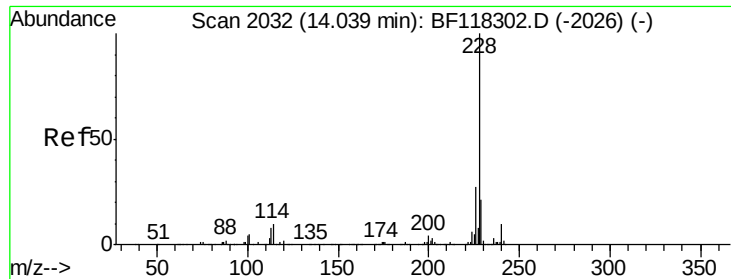
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
149	100		
91	61.7	51.8	77.6
206	19.9	15.7	23.5



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





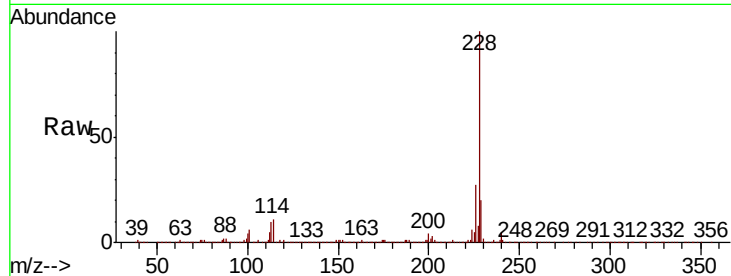
#81
Benzo(a)anthracene
Concen: 41.637 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.0	33.0
229	20.0	16.6	24.8

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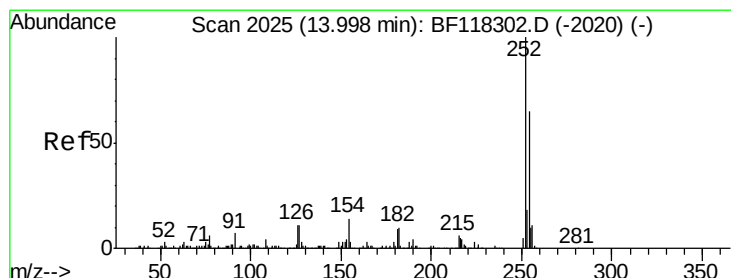
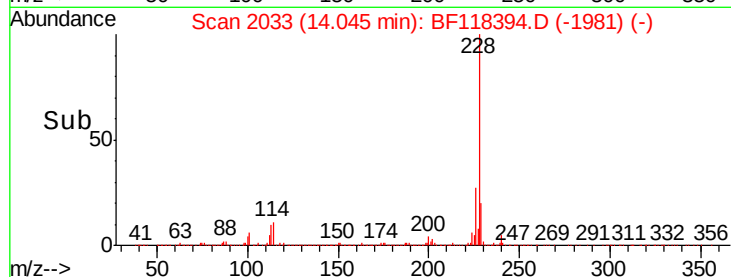
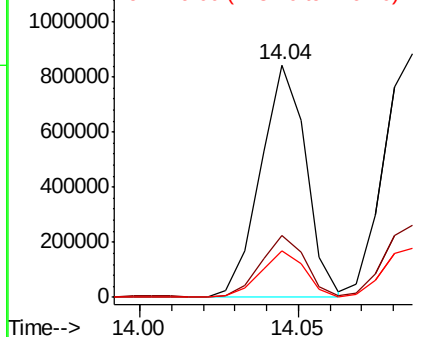


Abundance

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: 48.562 ng
RT: 14.00 min Scan# 2026
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

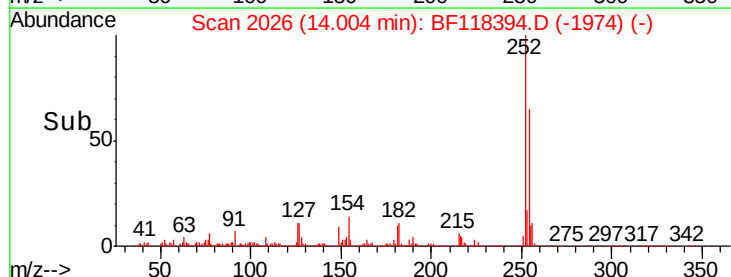
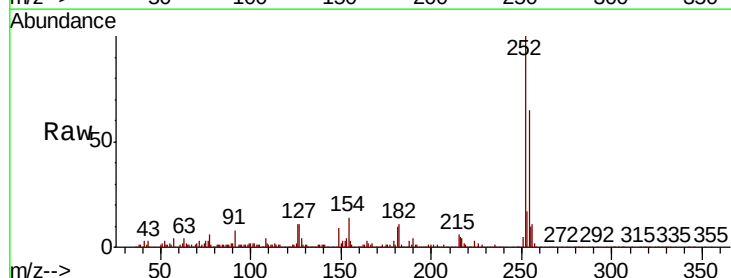
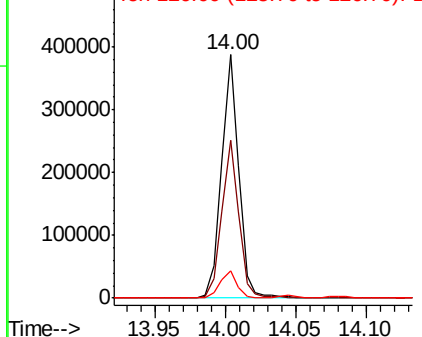
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.8	77.8
126	11.1	8.7	13.1

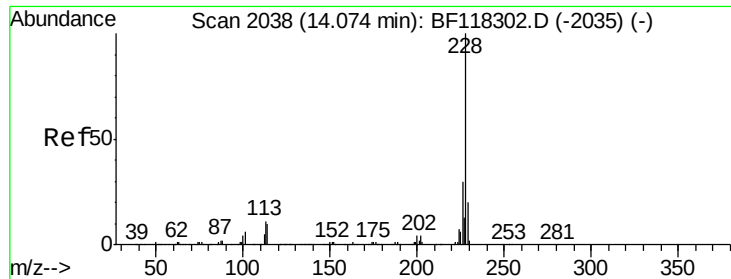
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





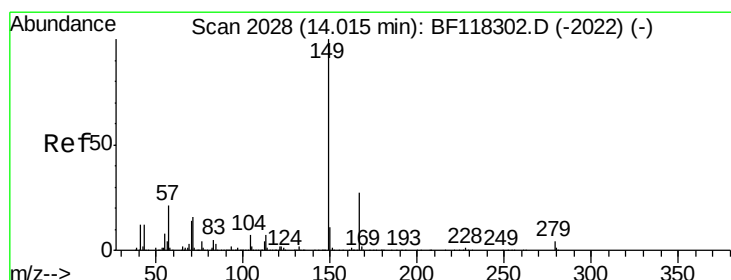
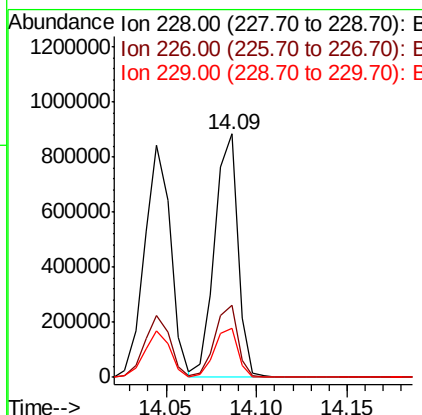
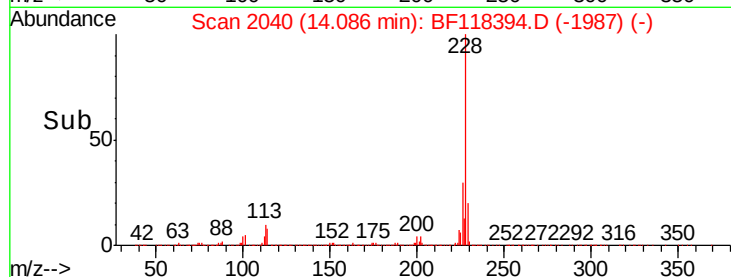
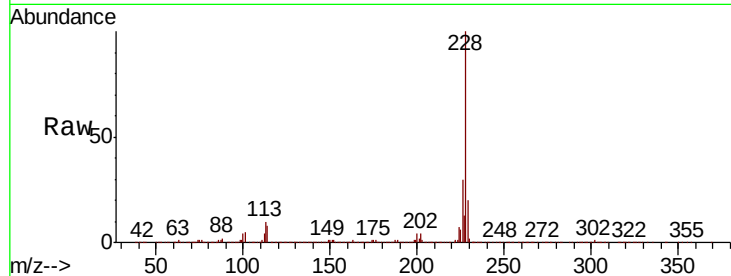
#83
Chrysene
Concen: 40.892 ng
RT: 14.09 min Scan# 2040
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampled :
SB-04MS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	786518		
226	29.8		23.9	35.9
229	19.9		16.1	24.1

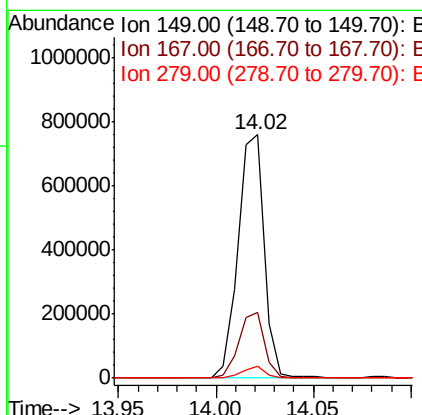
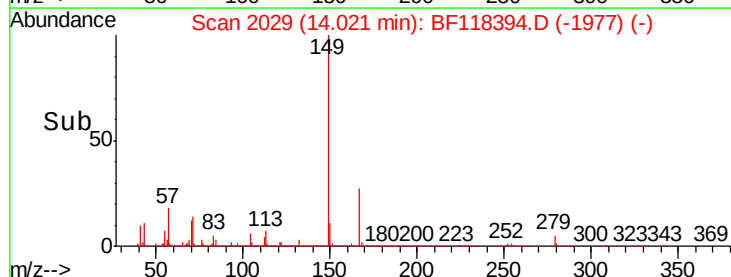
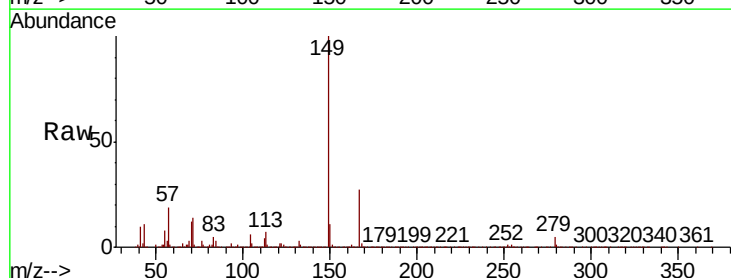
Manual Integrations
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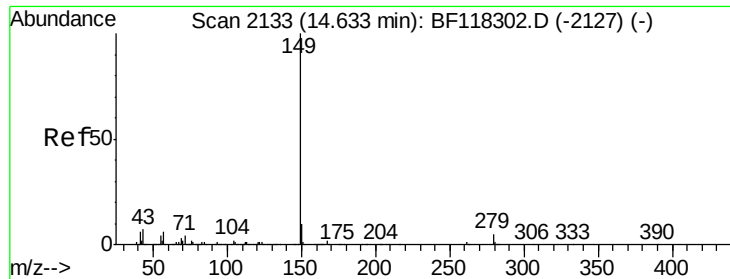
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 50.777 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	704516		
167	26.8		21.3	31.9
279	4.8		3.4	5.2





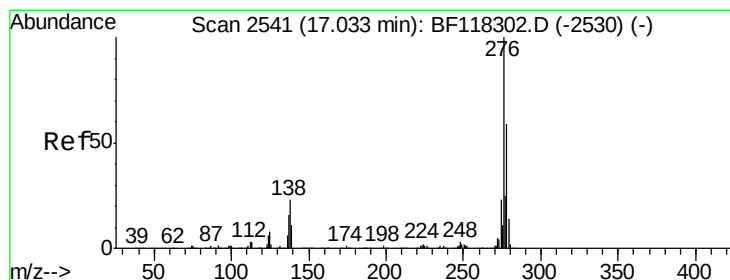
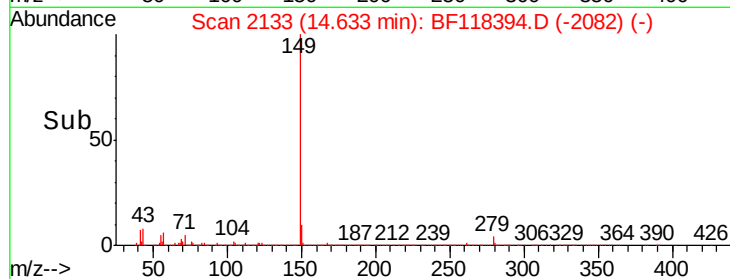
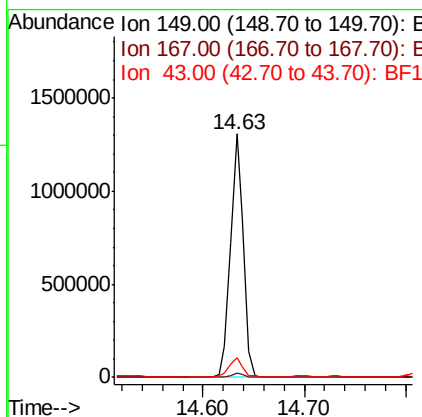
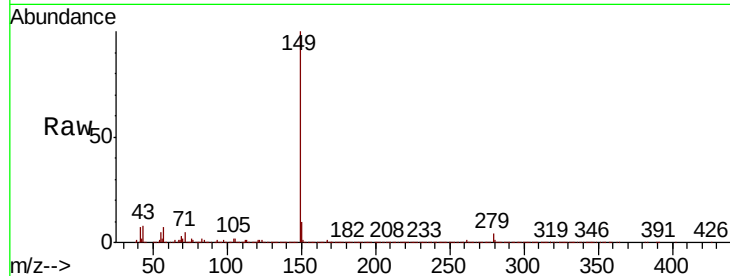
#85
Di-n-octyl phthalate
Concen: 56.049 ng
RT: 14.63 min Scan# 2133
Delta R.T. -0.00 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.8	6.1	9.1

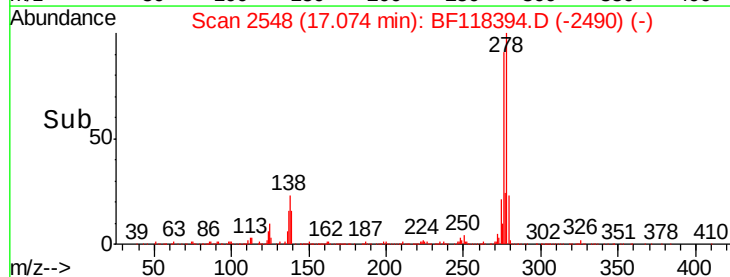
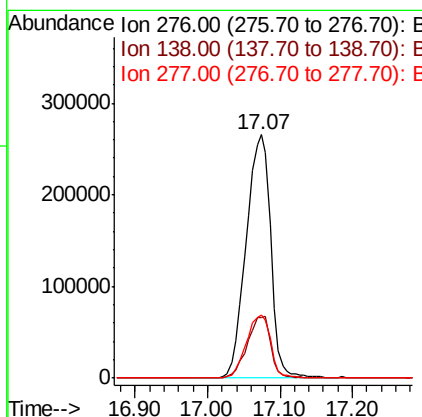
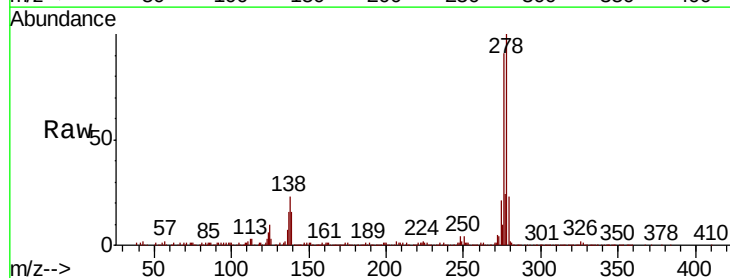
Manual Integrations
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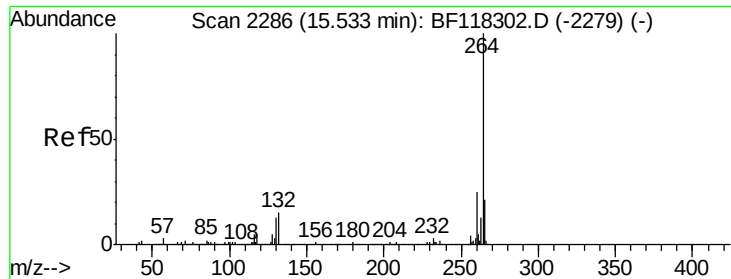
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 38.207 ng
RT: 17.07 min Scan# 2548
Delta R.T. 0.04 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.6	19.5	29.3
277	25.9	20.6	30.8





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. 0.02 min

Lab File: BF118394.D

Acq: 30 Dec 2019 21:24

Instrument :

BNA_F

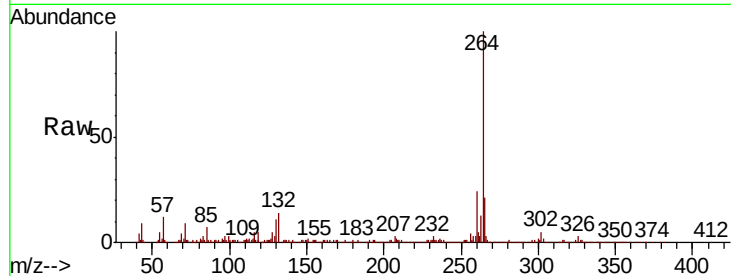
ClientSampled :

SB-04MS

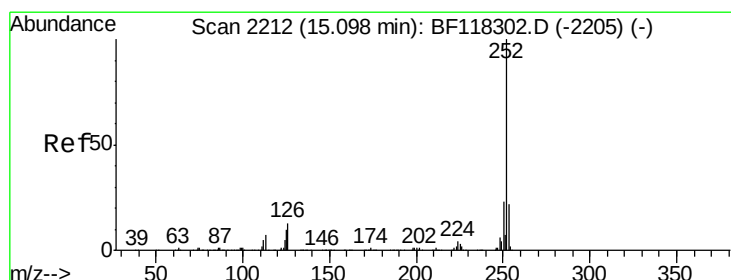
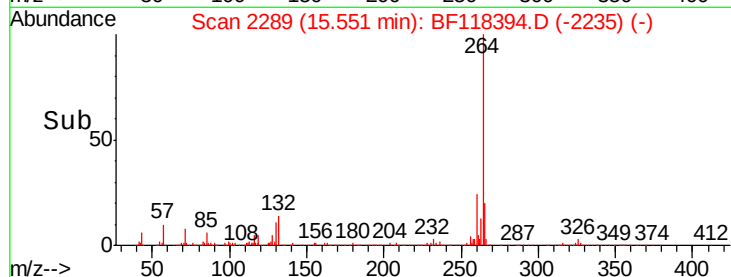
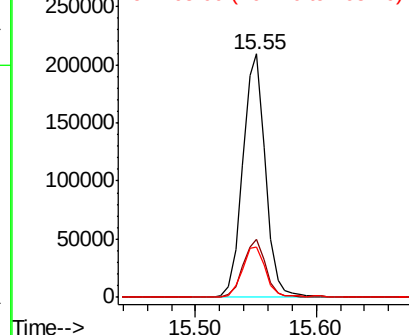
Tot Ion:	264	Resp:	274845
Ion Ratio	Lower	Upper	
264	100		
260	23.8	19.8	29.6
265	20.7	17.0	25.4

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



#88

Benzo(b)fluoranthene

Concen: 43.455 ng

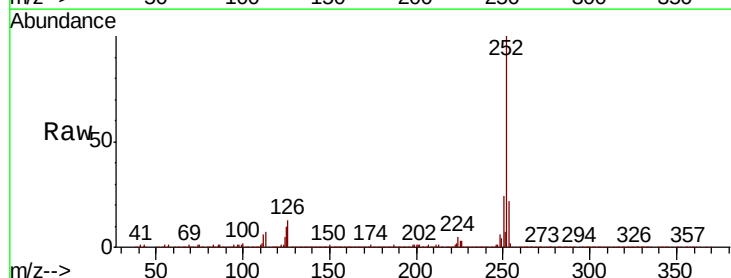
RT: 15.11 min Scan# 2214

Delta R.T. 0.01 min

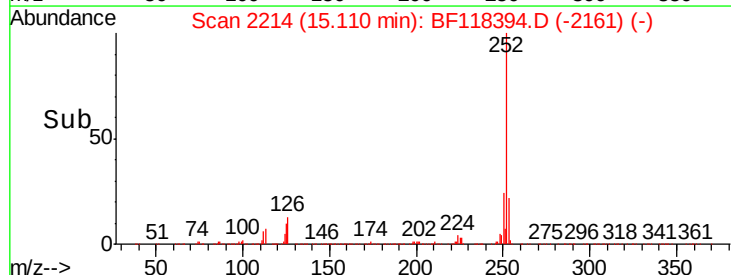
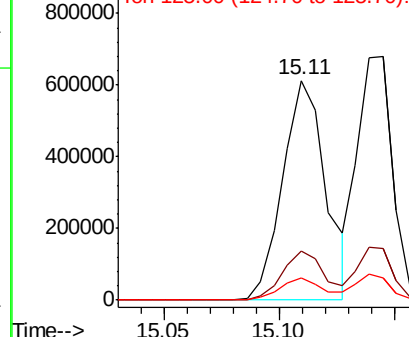
Lab File: BF118394.D

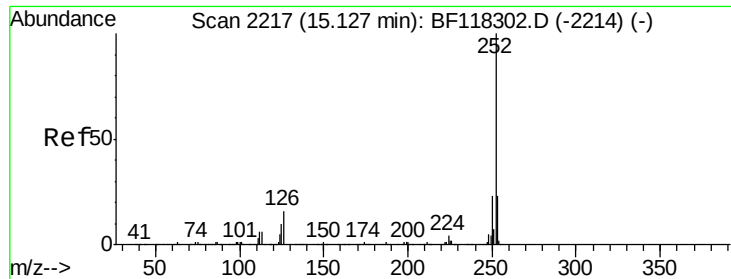
Acq: 30 Dec 2019 21:24

Tgt Ion:	252	Resp:	792804
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.5	26.3
125	10.2	7.7	11.5



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





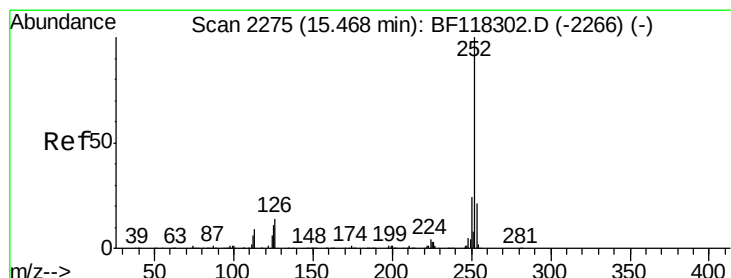
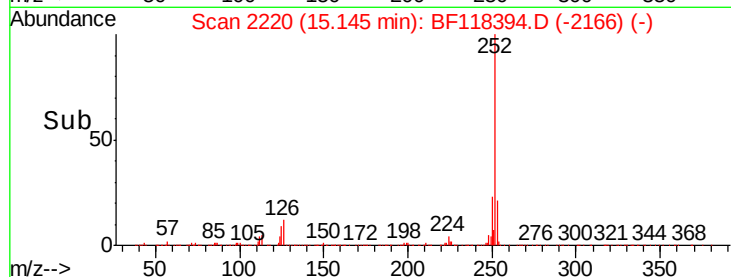
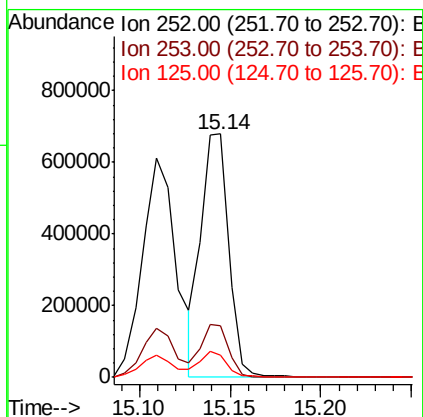
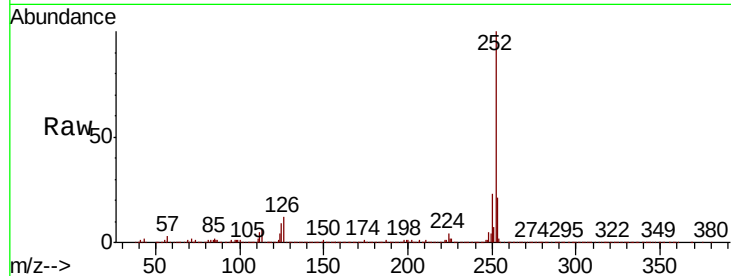
#89
Benzo(k)fluoranthene
Concen: 41.016 ng
RT: 15.14 min Scan# 2220
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.4	18.0	27.0
125	9.0	8.0	12.0

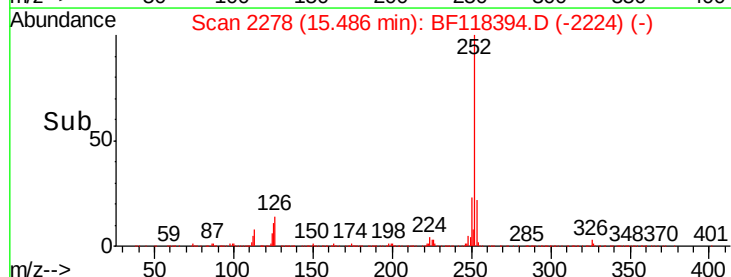
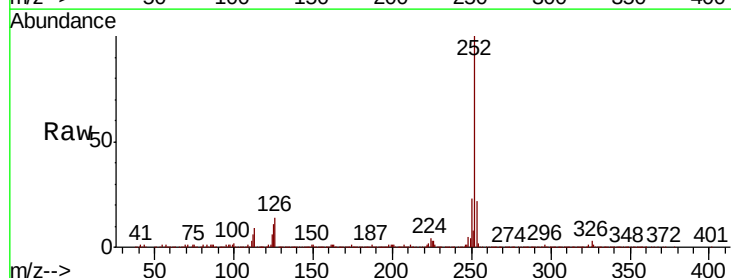
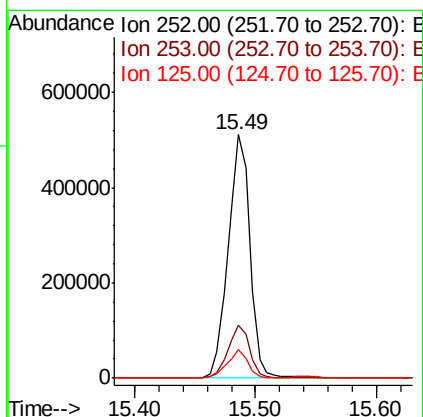
Manual Integrations
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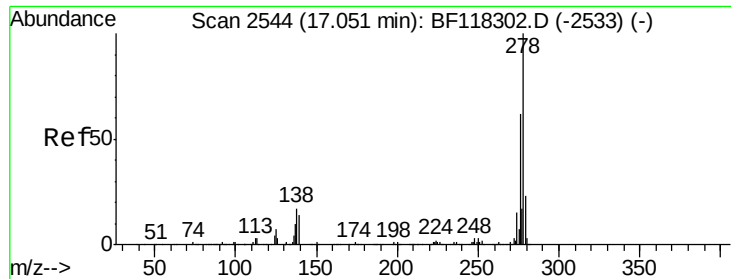
mohammad
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#90
Benzo(a)pyrene
Concen: 39.871 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.02 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.0	25.6
125	11.5	9.0	13.4





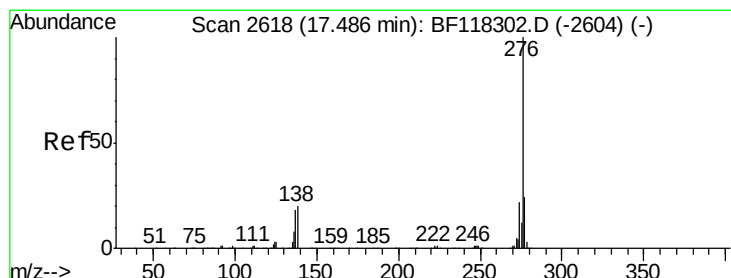
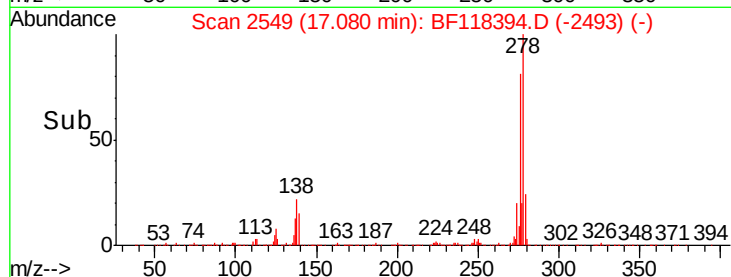
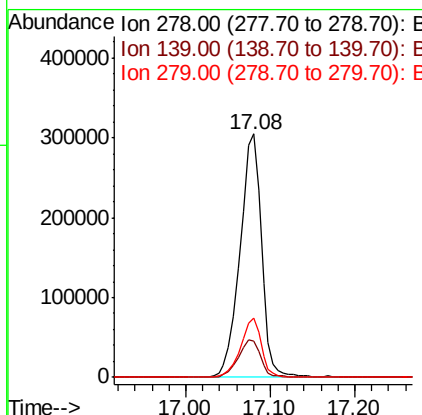
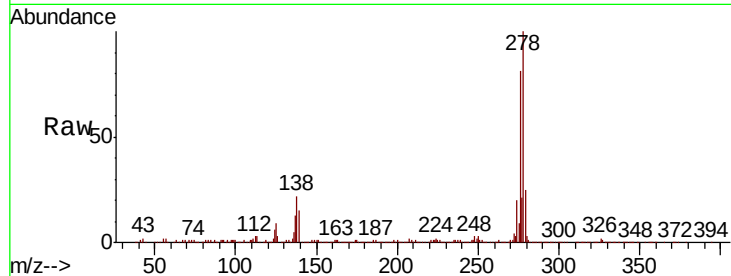
#91
Dibenzo(a,h)anthracene
Concen: 38.422 ng
RT: 17.08 min Scan# 2549
Delta R.T. 0.03 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Instrument :
BNA_F
ClientSampleId :
SB-04MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.9	11.5	17.3
279	24.5	18.3	27.5

Manual Integrations
APPROVED

mohammad
12/31/2019 12:04:35 PM



#92
Benzo(g,h,i)perylene
Concen: 36.006 ng
RT: 17.53 min Scan# 2625
Delta R.T. 0.04 min
Lab File: BF118394.D
Acq: 30 Dec 2019 21:24

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.1	28.7
138	21.6	16.1	24.1

