

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022020\
 Data File : BF118962.D
 Acq On : 20 Feb 2020 15:59
 Operator : CG/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

mohammad
 2/21/2020 2:18:45 PM

Quant Time: Feb 20 17:14:12 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 20 15:19:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	165542	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	570085	20.00	ng	0.00
39) Acenaphthene-d10	9.80	164	311294	20.00	ng	0.00
64) Phenanthrene-d10	11.27	188	575380	20.00	ng	0.00
76) Chrysene-d12	13.92	240	394985	20.00	ng	0.00
87) Perylene-d12	15.33	264	375697	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1460051	167.97	ng	0.00
7) Phenol-d6	6.42	99	1761193	160.28	ng	0.01
23) Nitrobenzene-d5	7.34	82	1675484	163.46	ng	0.01
42) 2,4,6-Tribromophenol	10.59	330	639033	165.71	ng	0.01
45) 2-Fluorobiphenyl	9.13	172	2843431	147.54	ng	0.00
79) Terphenyl-d14	12.86	244	3428416	170.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.45	88	345468	88.692	ng	99
3) Pyridine	3.17	79	949421	88.274	ng	99
4) n-Nitrosodimethylamine	3.14	42	296369	89.476	ng	97
6) Aniline	6.44	93	1084860	75.496	ng	99
8) 2-Chlorophenol	6.56	128	787052	74.923	ng	96
9) Benzaldehyde	6.32	77	592329	90.268	ng	99
10) Phenol	6.43	94	944157	75.158	ng	95
11) bis(2-Chloroethyl)ether	6.51	93	756379	76.674	ng	99
12) 1,3-Dichlorobenzene	6.71	146	939909	74.586	ng	100
13) 1,4-Dichlorobenzene	6.78	146	950036	75.197	ng	97
14) 1,2-Dichlorobenzene	6.94	146	843405	72.692	ng	99
15) Benzyl Alcohol	6.92	79	645451	75.310	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	656913	73.850	ng	99
17) 2-Methylphenol	7.03	107	656118	76.248	ng	96
18) Hexachloroethane	7.27	117	347554	76.573	ng	96
19) n-Nitroso-di-n-propylamine	7.19	70	523819	74.718	ng	98
20) 3+4-Methylphenols	7.19	107	716269	71.327	ng	89
22) Acetophenone	7.18	105	995116	80.207	ng	# 98
24) Nitrobenzene	7.35	77	836356	80.580	ng	98
25) Isophorone	7.60	82	1504179	81.956	ng	99
26) 2-Nitrophenol	7.67	139	455400	82.158	ng	98
27) 2,4-Dimethylphenol	7.71	122	602936	81.277	ng	99
28) bis(2-Chloroethoxy)methane	7.80	93	944408	78.660	ng	99
29) 2,4-Dichlorophenol	7.91	162	698477	78.951	ng	98
30) 1,2,4-Trichlorobenzene	7.99	180	809653	78.006	ng	98
31) Naphthalene	8.07	128	2213217	76.608	ng	98
32) Benzoic acid	7.87	122	483462	90.217	ng	97
33) 4-Chloroaniline	8.12	127	963717	77.916	ng	99
34) Hexachlorobutadiene	8.19	225	509166	79.291	ng	97
35) Caprolactam	8.52	113	233508m	87.237	ng	
36) 4-Chloro-3-methylphenol	8.61	107	717493	81.160	ng	100
37) 2-Methylnaphthalene	8.76	142	1497732	77.716	ng	98
38) 1-Methylnaphthalene	8.86	142	1408025	77.911	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	782127	78.316	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	305627	101.990	nq	97
43) 2,4,6-Trichlorophenol	9.04	196	522064	79.214	nq	98
44) 2,4,5-Trichlorophenol	9.09	196	547367	80.103	nq	96
46) 1,1'-Biphenyl	9.23	154	1852859	77.422	nq	98
47) 2-Chloronaphthalene	9.25	162	1519307	76.496	nq	97
48) 2-Nitroaniline	9.34	65	450679	81.097	nq	97
49) Acenaphthylene	9.66	152	2173458	76.642	nq	98
50) Dimethylphthalate	9.53	163	1855068	78.931	nq	100
51) 2,6-Dinitrotoluene	9.59	165	420982	80.196	nq	92
52) Acenaphthene	9.83	154	1323450	76.665	nq	99
53) 3-Nitroaniline	9.76	138	463927	80.302	nq	100
54) 2,4-Dinitrophenol	9.87	184	206725	88.538	nq	95
55) Dibenzofuran	10.00	168	1920403	74.526	nq	96
56) 4-Nitrophenol	9.93	139	296837	83.406	nq	95
57) 2,4-Dinitrotoluene	10.00	165	529491	77.974	nq	# 91
58) Fluorene	10.35	166	1493635	74.792	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.13	232	464183	79.038	nq	100
60) Diethylphthalate	10.23	149	1720462	77.653	nq	99
61) 4-Chlorophenyl-phenylether	10.34	204	785575	73.925	nq	97
62) 4-Nitroaniline	10.38	138	477426	80.272	nq	99
63) Azobenzene	10.50	77	1496029	76.780	nq	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	295472	83.325	nq	99
66) n-Nitrosodiphenylamine	10.46	169	1404148	77.058	nq	100
67) 4-Bromophenyl-phenylether	10.83	248	571861	77.418	nq	98
68) Hexachlorobenzene	10.90	284	667488	78.932	nq	99
69) Atrazine	10.99	200	509683	83.568	nq	100
70) Pentachlorophenol	11.09	266	309030	85.359	nq	99
71) Phenanthrene	11.30	178	2316347	76.666	nq	98
72) Anthracene	11.36	178	2298973	76.051	nq	98
73) Carbazole	11.51	167	2087075	77.028	nq	99
74) Di-n-butylphthalate	11.84	149	2539687	73.875	nq	98
75) Fluoranthene	12.49	202	2442696	72.578	nq	99
77) Benzidine	12.61	184	1225810	96.935	nq	# 95
78) Pyrene	12.72	202	2459228	86.275	nq	98
80) Butylbenzylphthalate	13.33	149	1093257	87.525	nq	98
81) Benzo(a)anthracene	13.90	228	2057191	84.992	nq	98
82) 3,3'-Dichlorobenzidine	13.87	252	810464	86.051	nq	98
83) Chrysene	13.94	228	2063113	85.022	nq	98
84) Bis(2-ethylhexyl)phthalate	13.89	149	1316767	83.193	nq	99
85) Di-n-octyl phthalate	14.50	149	2124635	83.261	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	1938710	81.180	nq	98
88) Benzo(b)fluoranthene	14.93	252	1963777	77.538	nq	99
89) Benzo(k)fluoranthene	14.96	252	1908295	84.788	nq	99
90) Benzo(a)pyrene	15.28	252	1764878	80.882	nq	99
91) Dibenzo(a,h)anthracene	16.76	278	1562569	79.012	nq	98
92) Benzo(g,h,i)perylene	17.17	276	1585449	81.252	nq	99

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



#1

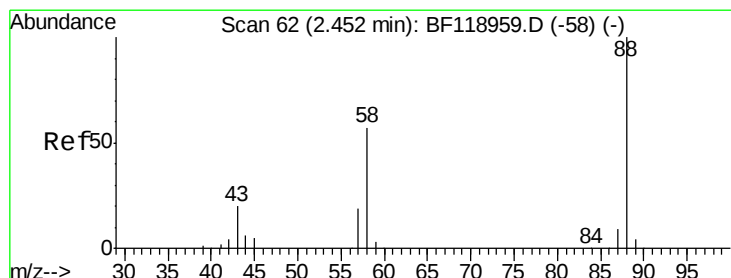
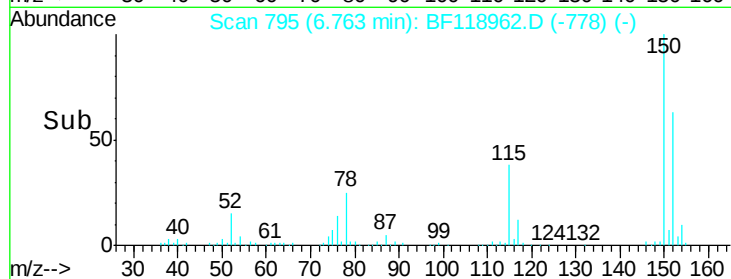
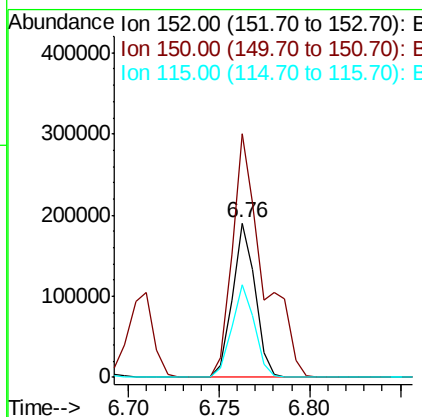
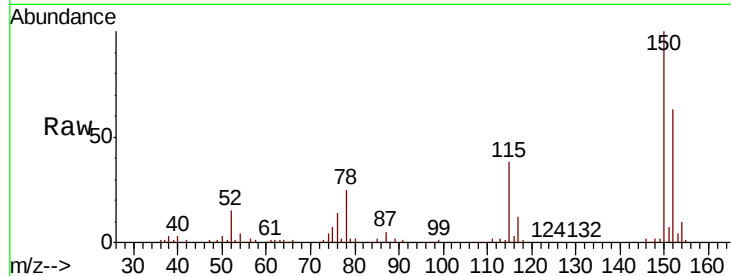
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	124.3	186.5
115	60.3	44.6	67.0

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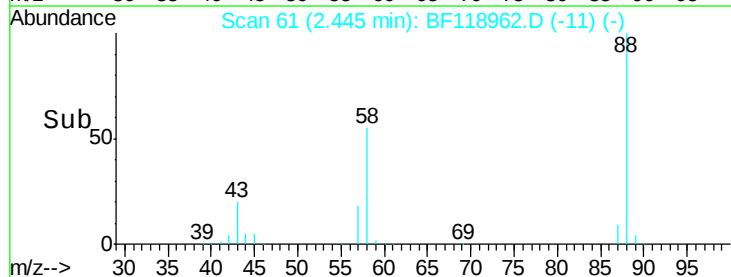
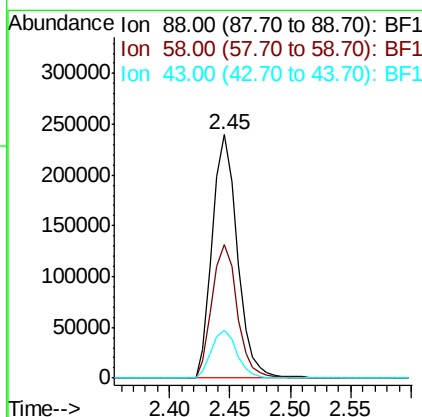
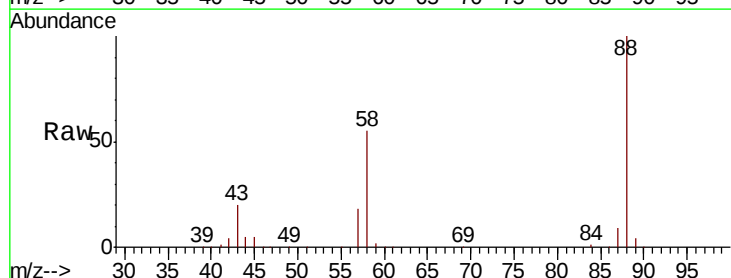
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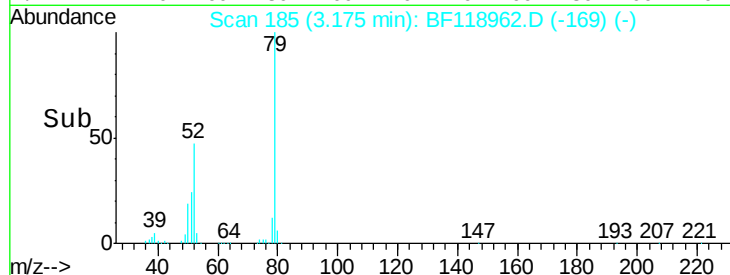
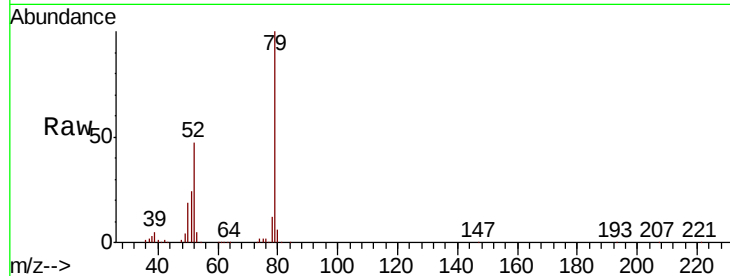
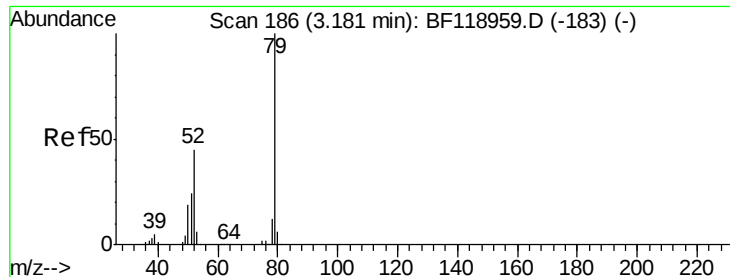


#2

1,4-Dioxane
Concen: 88.692 ng
RT: 2.45 min Scan# 61
Delta R.T. -0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.1	44.6	66.8
43	19.9	16.0	24.0





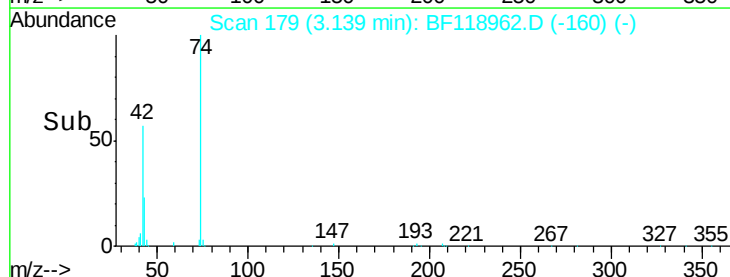
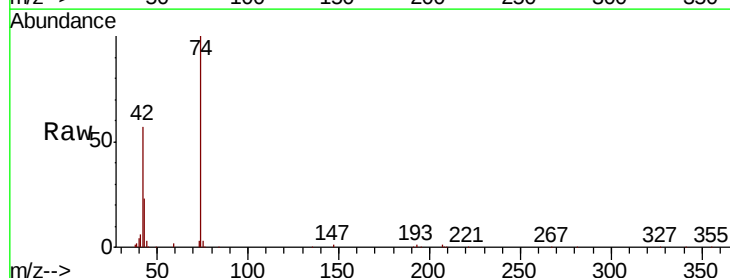
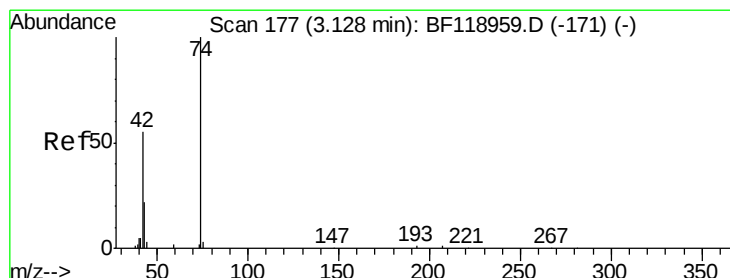
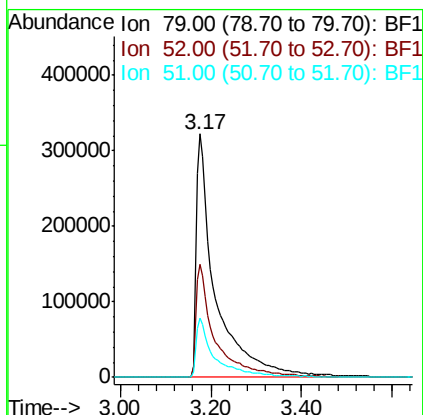
#3
 Pvridine
 Concen: 88.274 ng
 RT: 3.17 min Scan# 185
 Delta R.T. -0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Tot Ion:	79	Resp:	949421
Ion Ratio	Lower	Upper	
79	100		
52	46.5	36.3	54.5
51	24.1	19.5	29.3

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

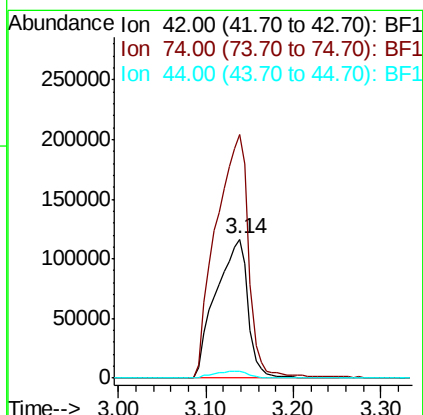
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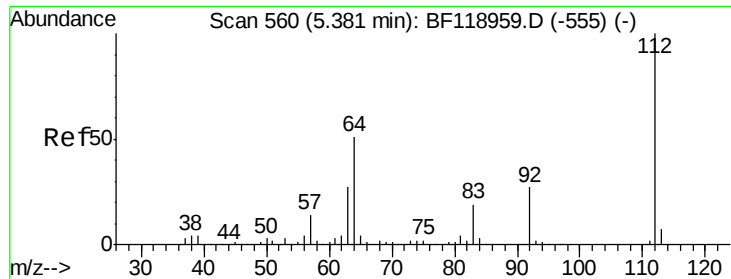
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#4
 n-Nitrosodimethylamine
 Concen: 89.476 ng
 RT: 3.14 min Scan# 179
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Tgt Ion:	42	Resp:	296369
Ion Ratio	Lower	Upper	
42	100		
74	175.4	144.4	216.6
44	5.3	4.5	6.7





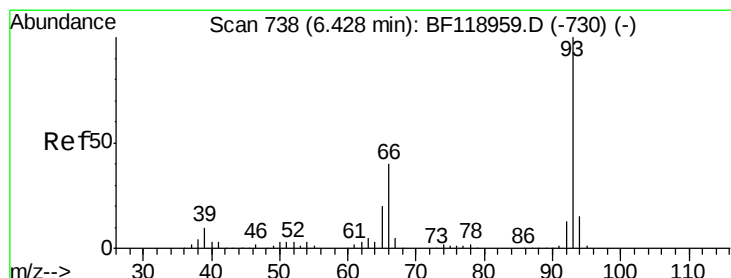
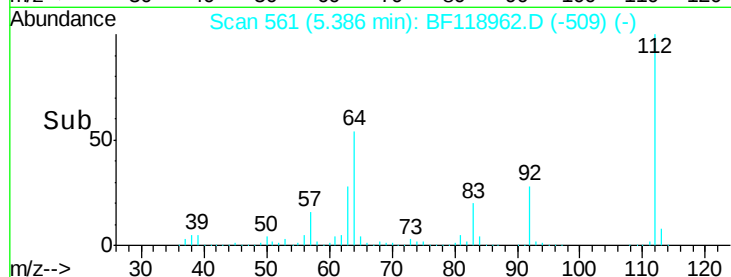
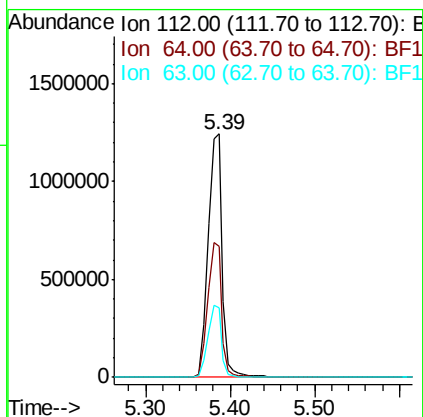
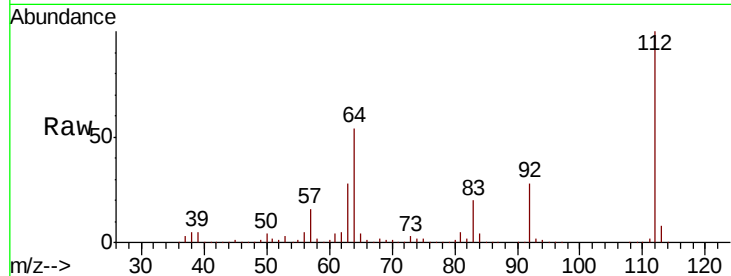
#5
2-Fluorophenol
Concen: 167.973 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
112	100		
64	53.8	40.4	60.6
63	28.4	21.3	31.9

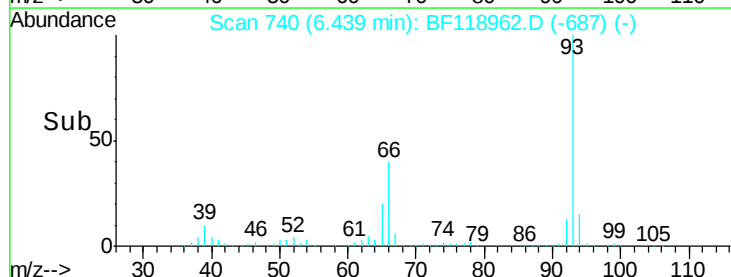
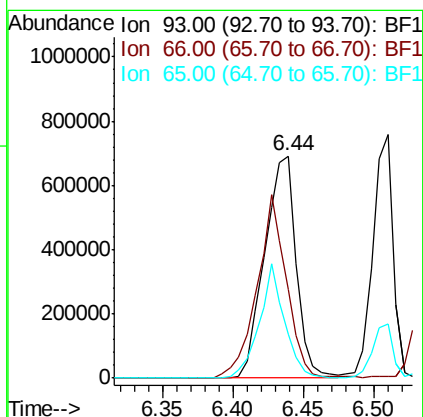
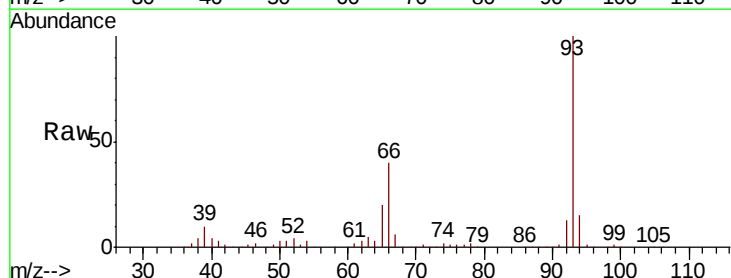
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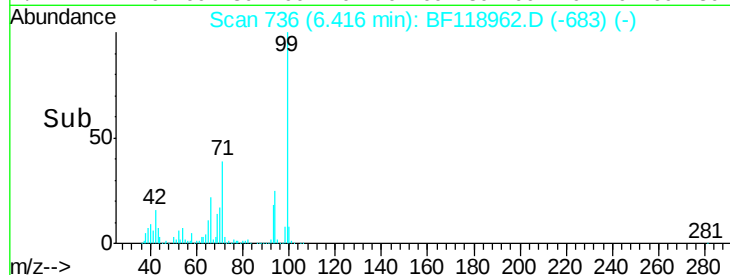
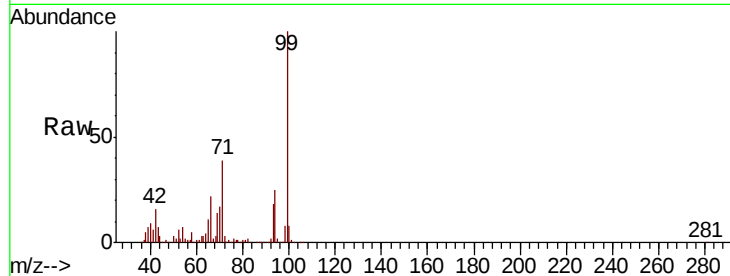
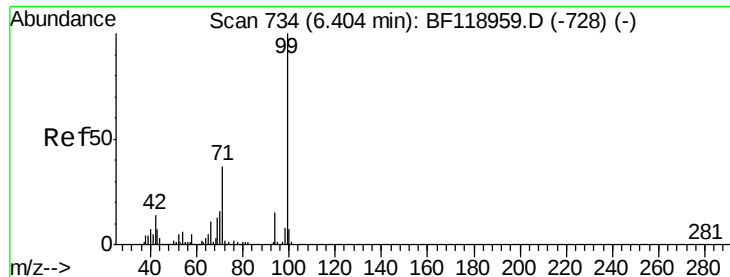
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#6
Aniline
Concen: 75.496 ng
RT: 6.44 min Scan# 740
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
93	100		
66	39.9	32.2	48.2
65	19.6	16.1	24.1





#7

Phenol-d6

Concen: 160.281 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Tot Ion: 99 Resp: 1761193

Ion Ratio Lower Upper

99 100

42 16.2 11.4 17.0

71 39.3 29.8 44.6

Instrument :

BNA_F

ClientSampleId :

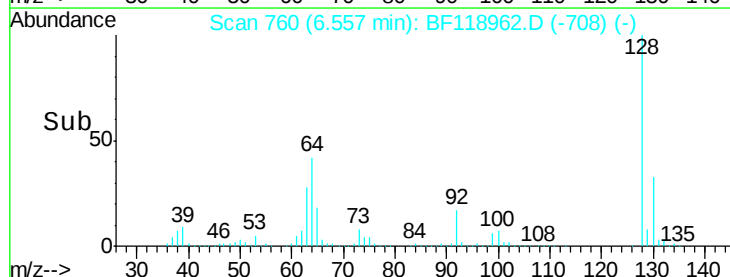
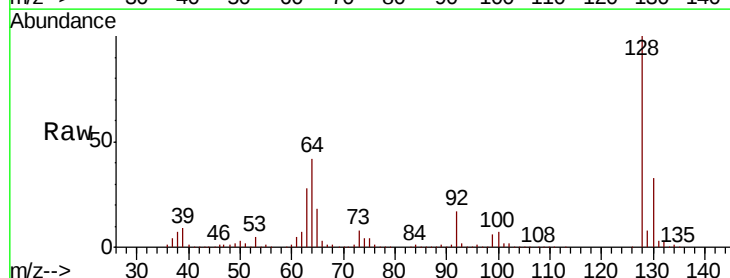
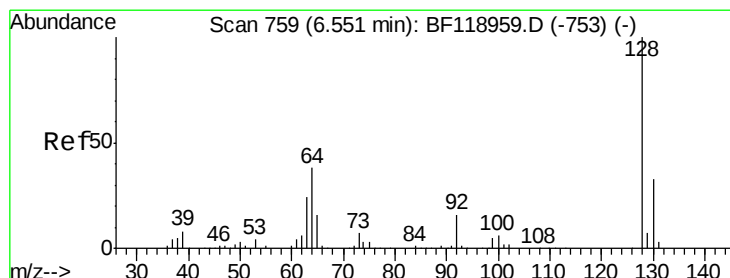
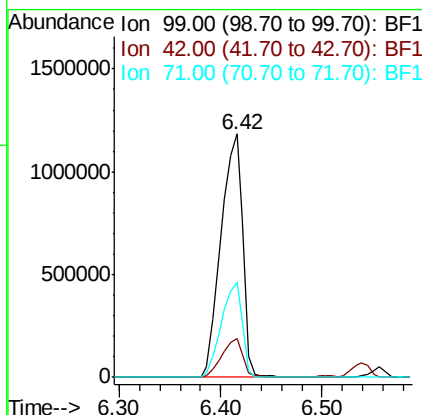
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#8

2-Chlorophenol

Concen: 74.923 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

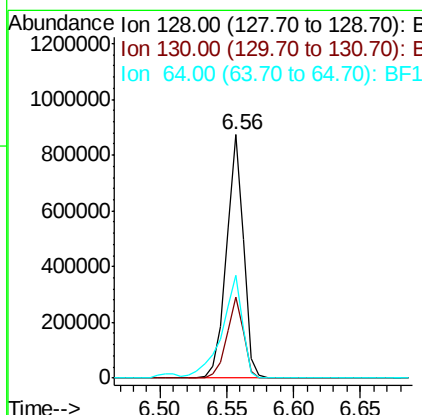
Tgt Ion: 128 Resp: 787052

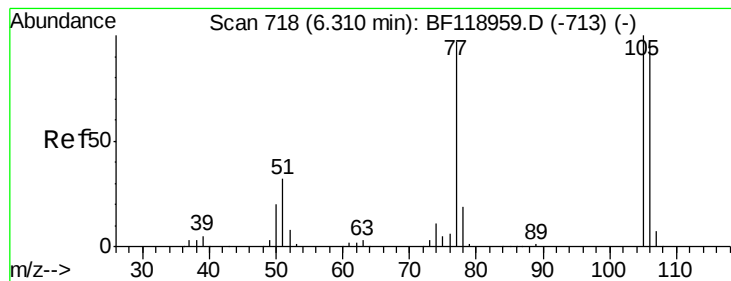
Ion Ratio Lower Upper

128 100

130 33.2 12.7 52.7

64 42.4 18.7 58.7





#9

Benzaldehyde

Concen: 90.268 ng

RT: 6.32 min Scan# 719

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

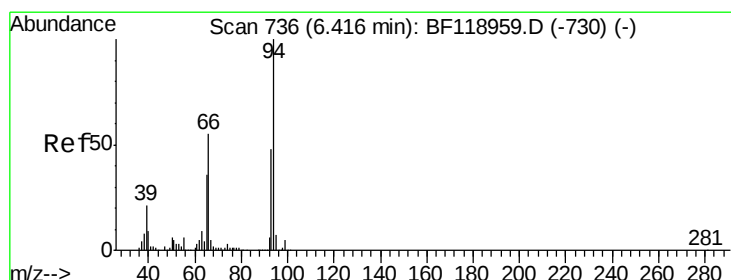
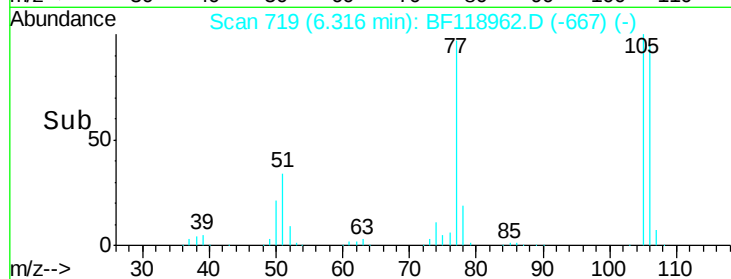
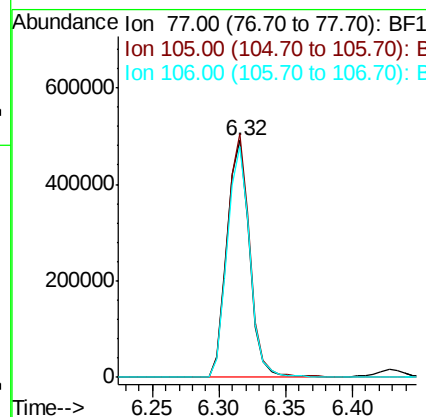
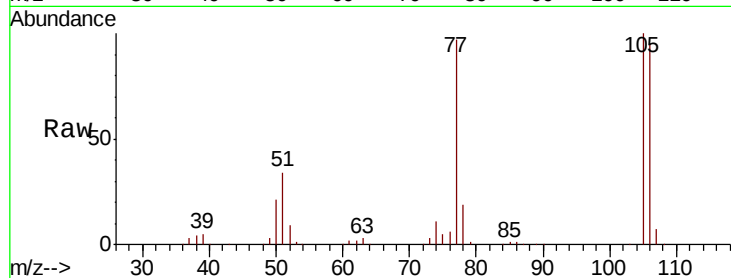
ClientSampleId :

SSTDIC080

Tot Ion:	77	Resp:	592329
Ion	Ratio	Lower	Upper
77	100		
105	102.7	83.0	123.0
106	97.5	78.3	118.3

Manual Integrations
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#10

Phenol

Concen: 75.158 ng

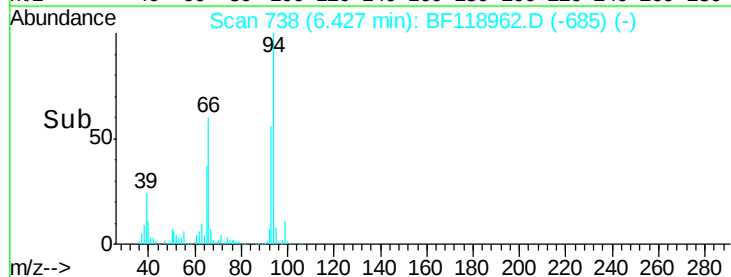
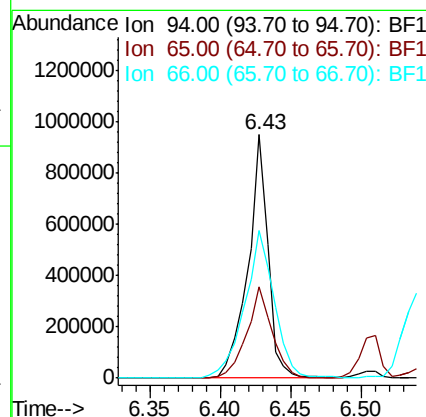
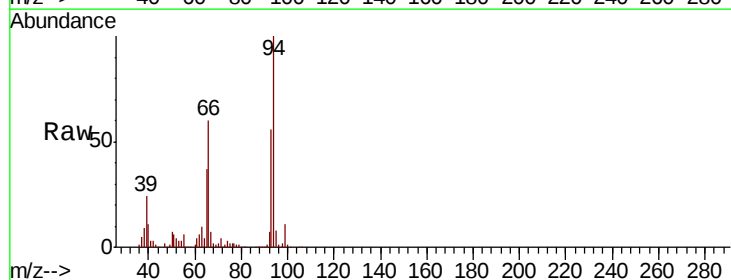
RT: 6.43 min Scan# 738

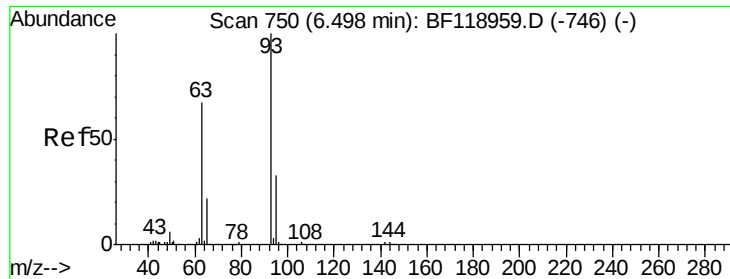
Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Tgt Ion:	94	Resp:	944157
Ion	Ratio	Lower	Upper
94	100		
65	37.4	15.5	55.5
66	60.4	35.6	75.6





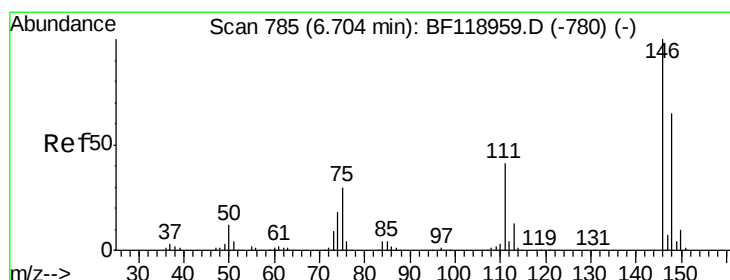
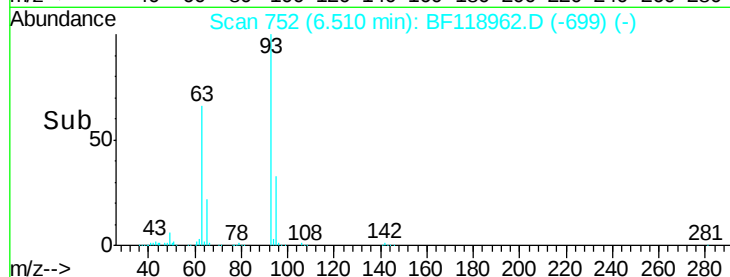
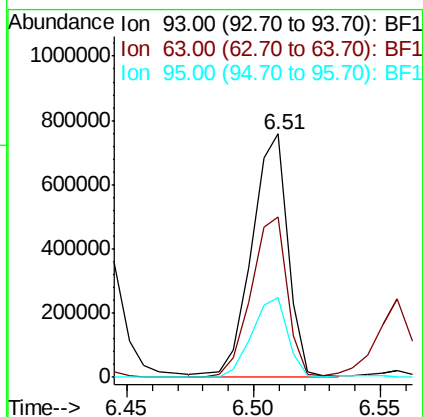
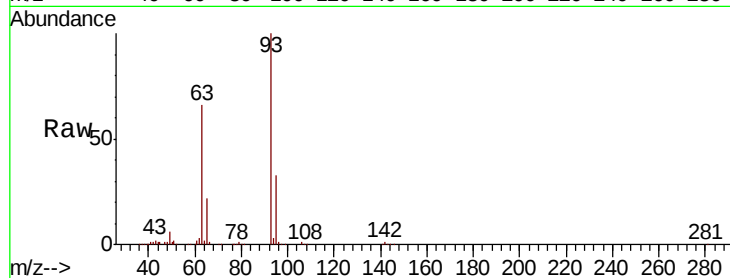
#11
bis(2-Chloroethyl)ether
Concen: 76.674 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
93	100		
63	65.7	46.8	86.8
95	33.0	12.7	52.7

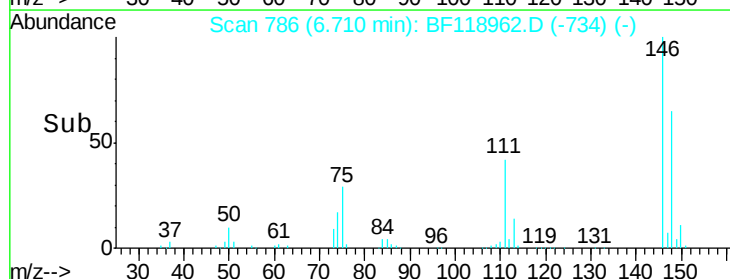
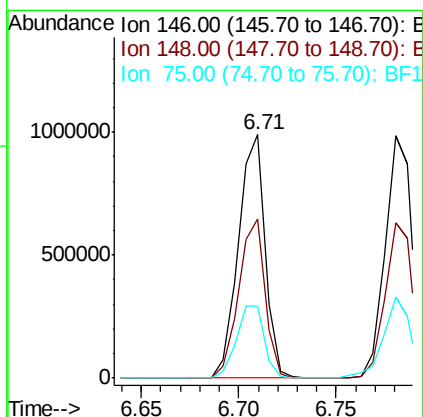
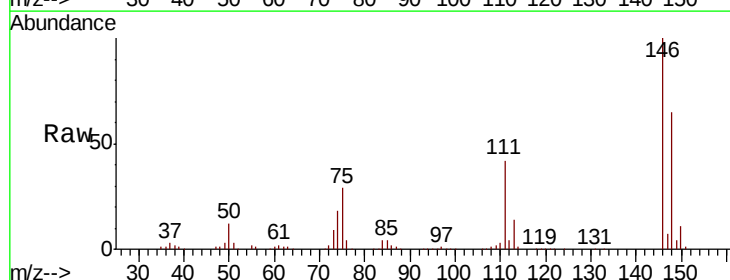
Manual Integrations
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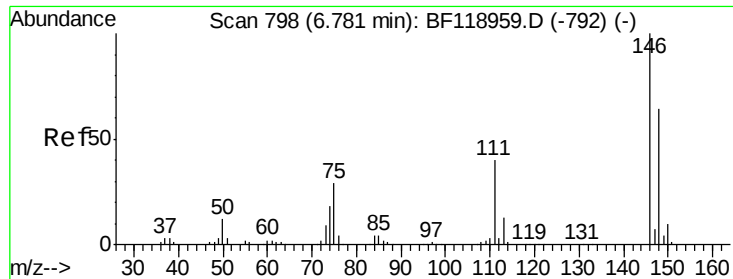
mohammad
2/21/2020 2:18:45 PM



#12
1,3-Dichlorobenzene
Concen: 74.586 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.1	51.7	77.5
75	29.4	23.6	35.4





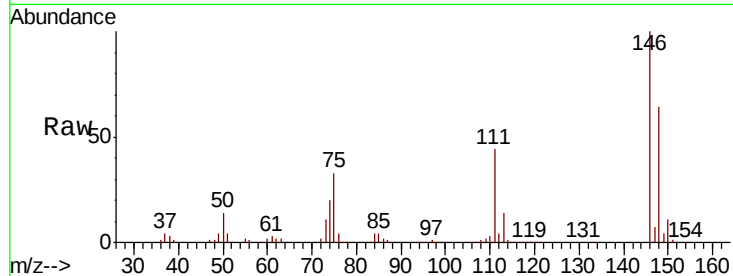
#13
1,4-Dichlorobenzene
Concen: 75.197 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.00 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.4	77.2
111	43.6	31.9	47.9

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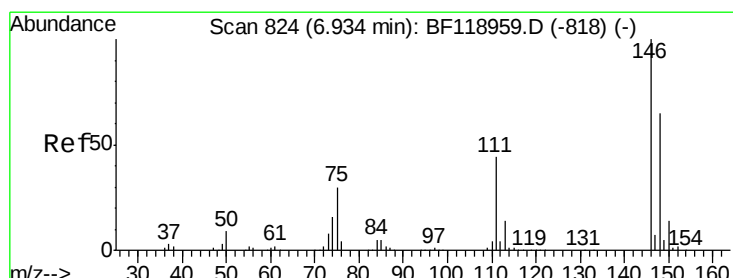
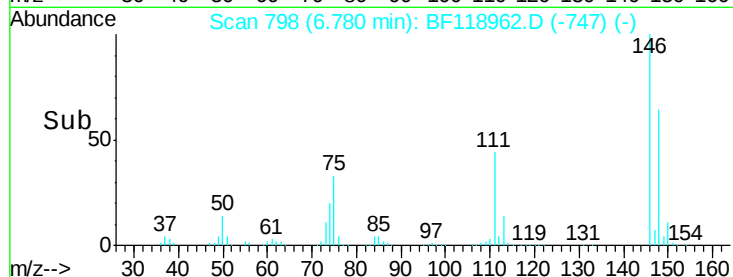
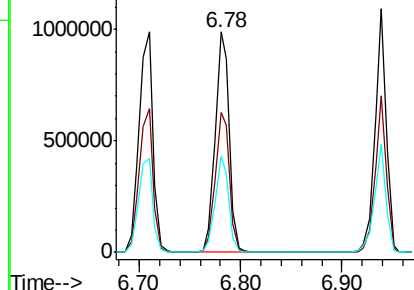


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 72.692 ng
RT: 6.94 min Scan# 825
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

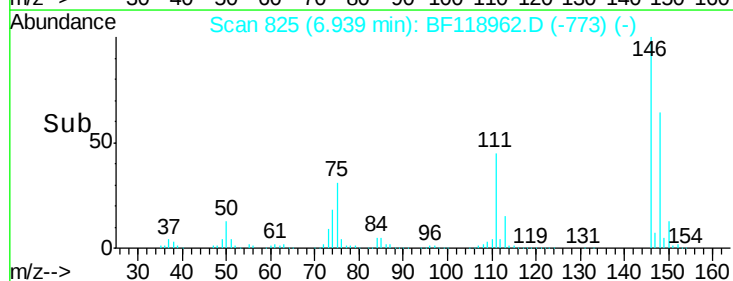
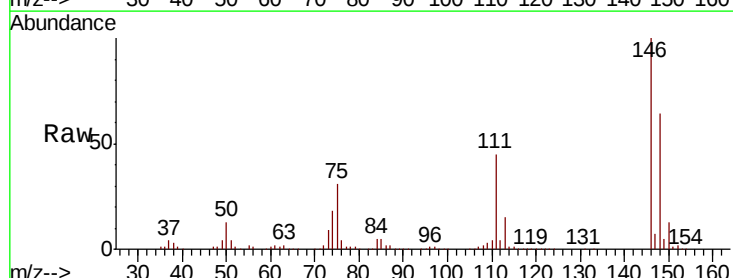
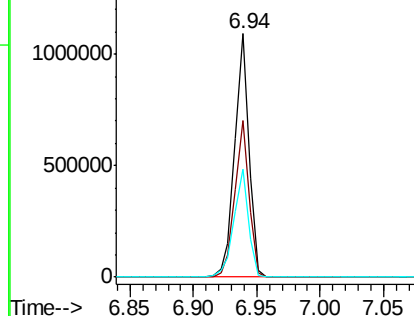
Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	52.1	78.1
111	44.5	35.5	53.3

Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 75.310 ng

RT: 6.92 min Scan# 821

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

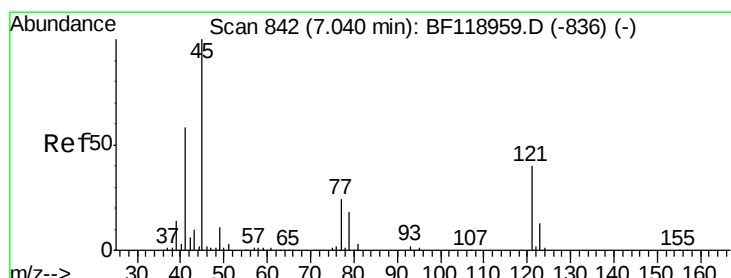
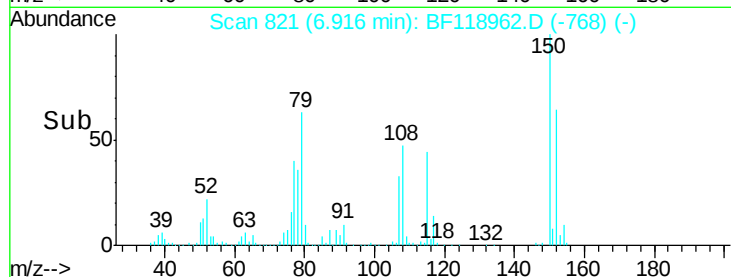
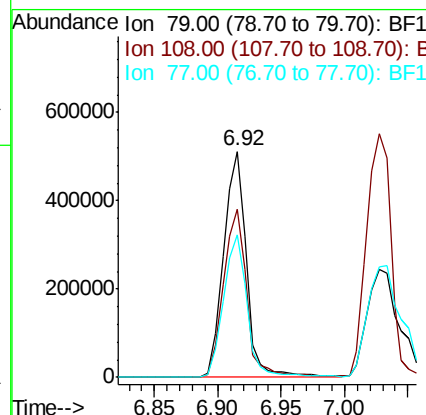
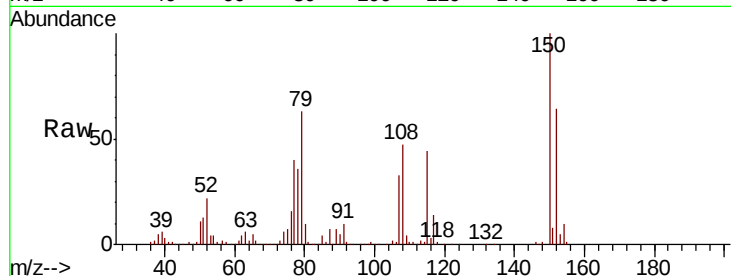
ClientSampleID :

SSTDIC080

Tot Ion:	79	Resp:	645451
Ion Ratio	Lower	Upper	
79	100		
108	74.7	61.1	91.7
77	63.3	50.2	75.2

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 73.850 ng

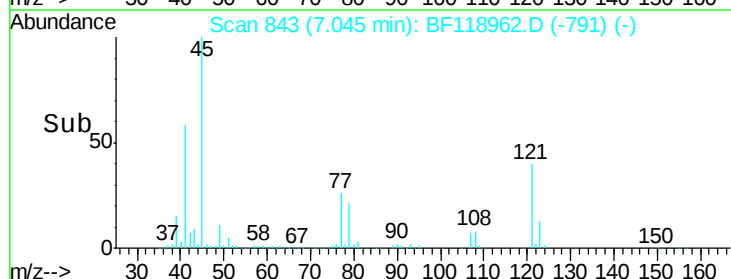
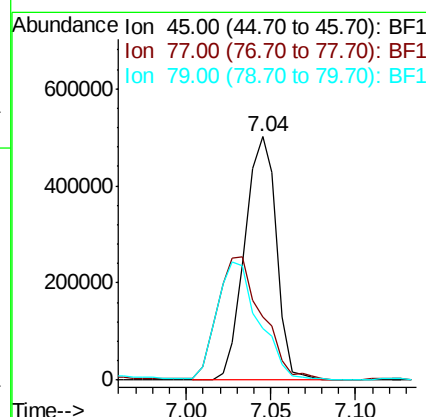
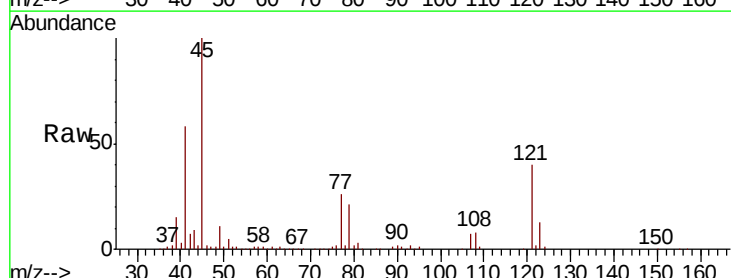
RT: 7.04 min Scan# 843

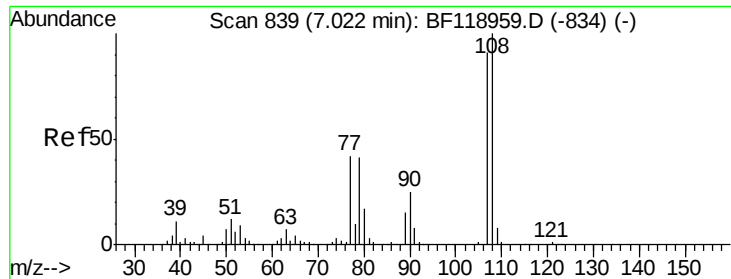
Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Tgt Ion:	45	Resp:	656913
Ion Ratio	Lower	Upper	
45	100		
77	26.2	6.1	46.1
79	21.2	0.5	40.5





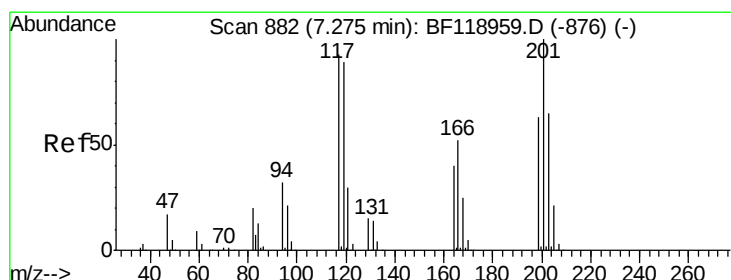
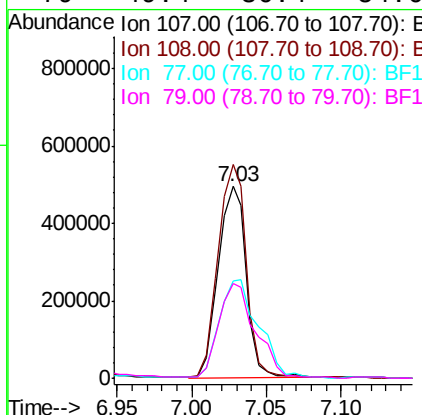
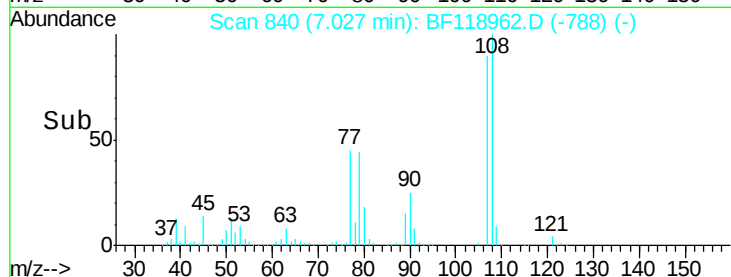
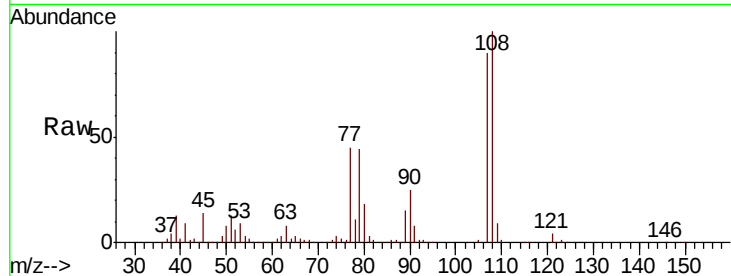
#17
2-Methylphenol
Concen: 76.248 ng
RT: 7.03 min Scan# 840
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	87.7	131.5
77	50.5	36.8	55.2
79	49.4	36.4	54.6

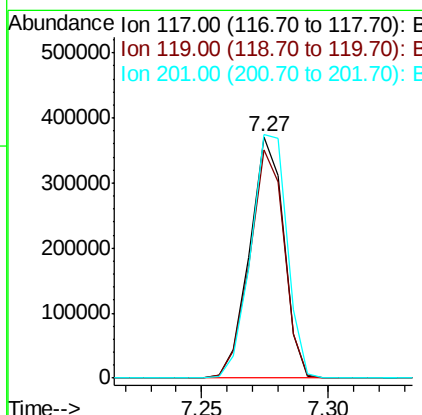
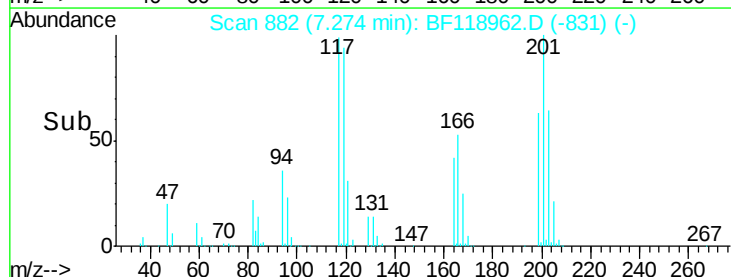
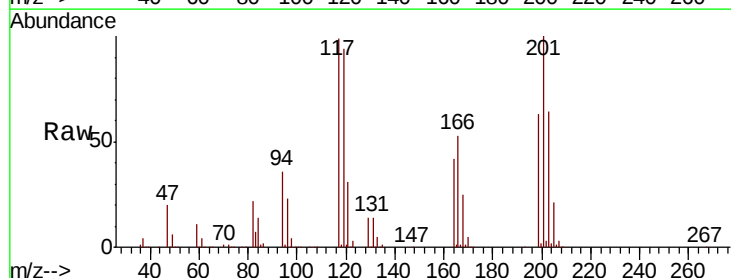
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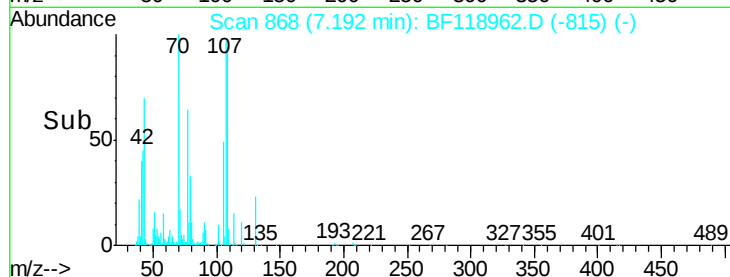
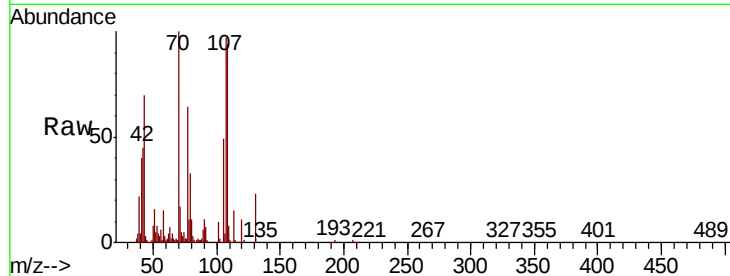
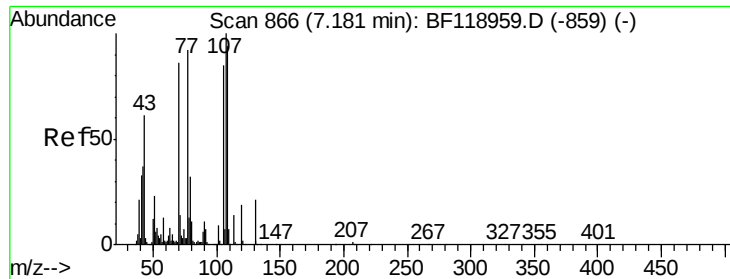
mohammad
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#18
Hexachloroethane
Concen: 76.573 ng
RT: 7.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	77.0	115.6
201	101.0	86.4	129.6





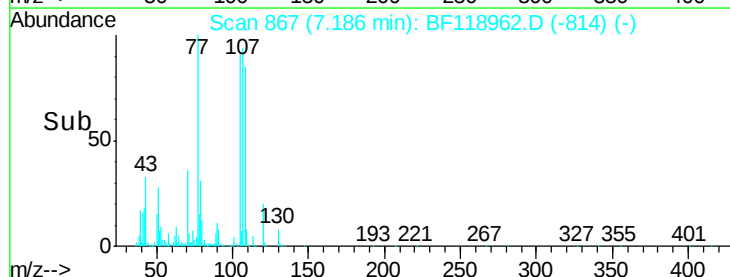
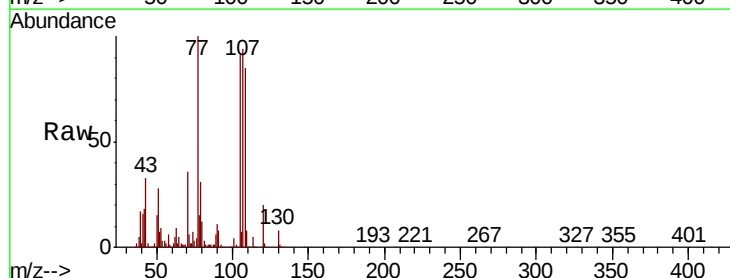
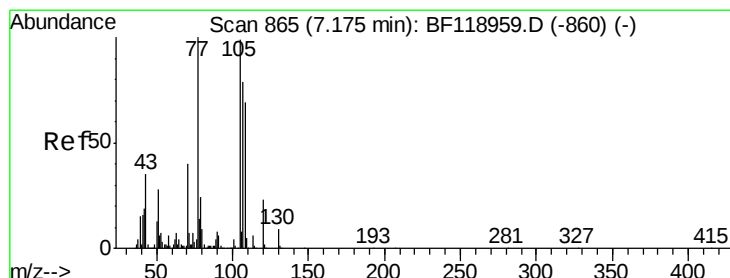
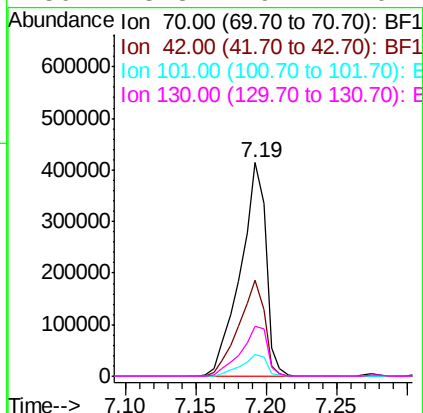
#19
n-Nitroso-di-n-propylamine
Concen: 74.718 ng
RT: 7.19 min Scan# 868
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.2	34.6	51.8
101	10.4	8.1	12.1
130	23.3	19.4	29.2

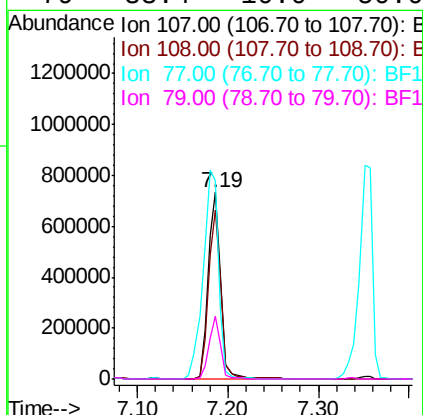
Manual Integrations
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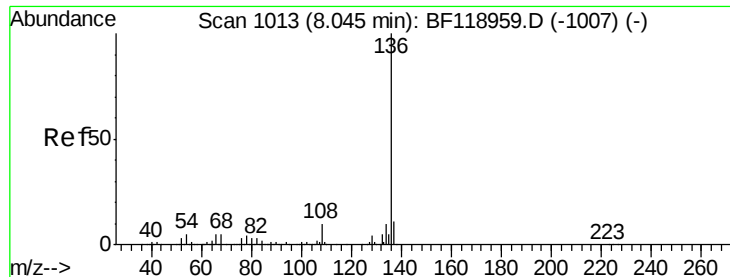
mohammad
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#20
3+4-Methylphenols
Concen: 71.327 ng
RT: 7.19 min Scan# 867
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	90.7	67.0	107.0
77	106.3	106.2	146.2
79	33.4	10.0	50.0





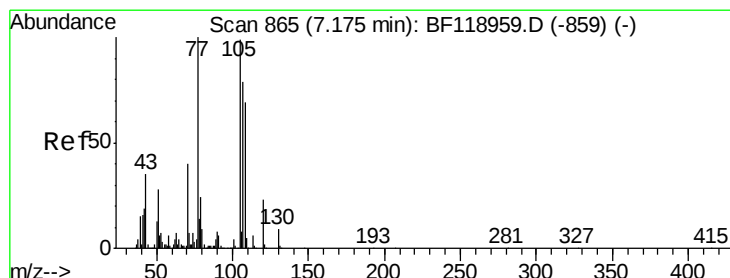
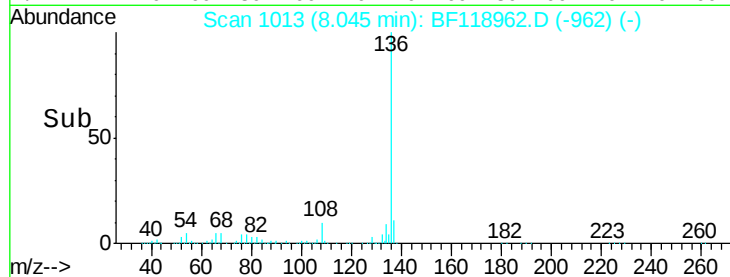
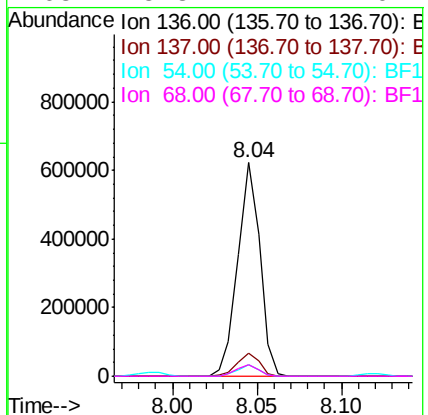
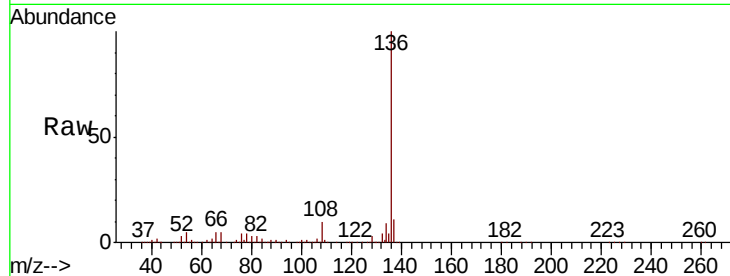
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.0	8.9	13.3	
54	5.2	3.8	5.6	
68	5.3	4.2	6.2	

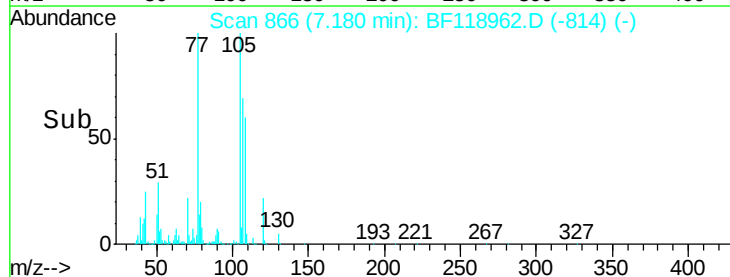
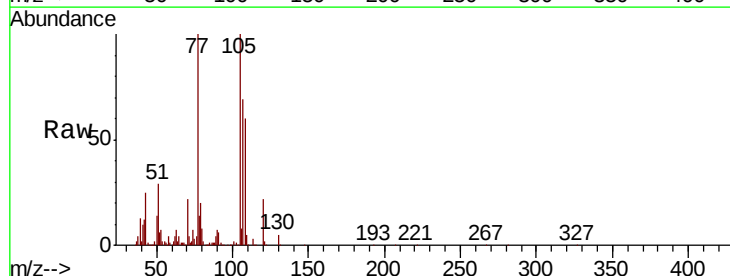
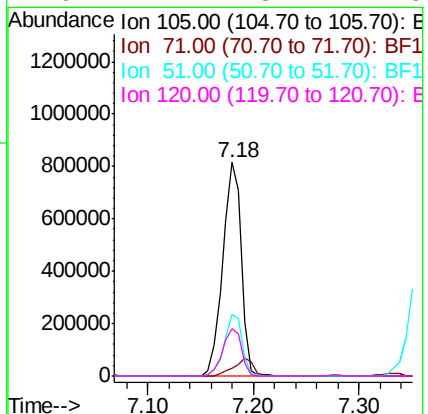
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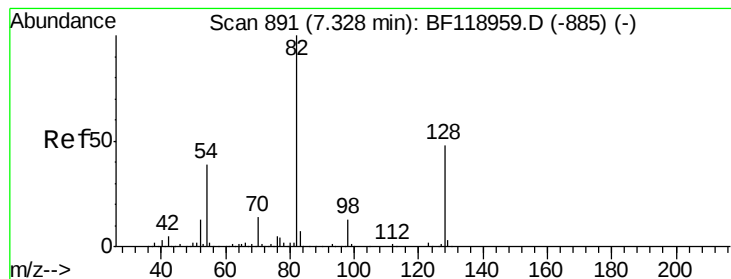
mohammad
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#22
Acetophenone
Concen: 80.207 ng
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	3.7	5.4	8.0#	
51	28.9	22.5	33.7	
120	22.1	18.4	27.6	





#23

Nitrobenzene-d5

Concen: 163.465 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1675484

Ion Ratio Lower Upper

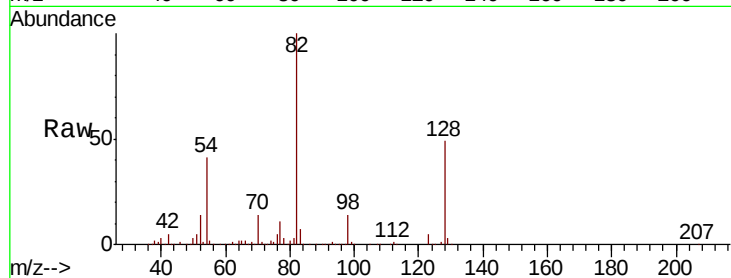
82 100

128 48.7 38.2 57.2

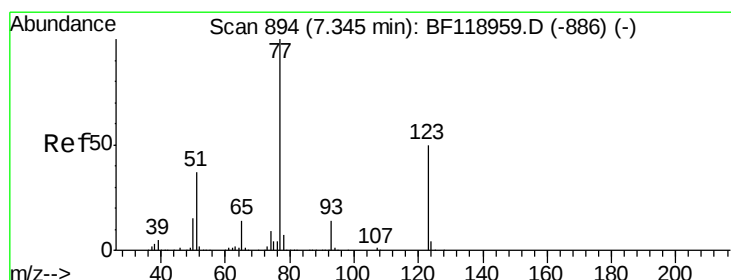
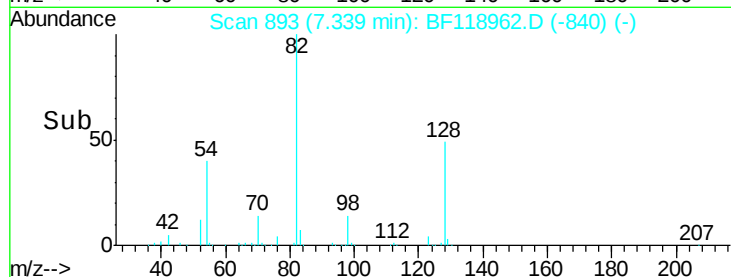
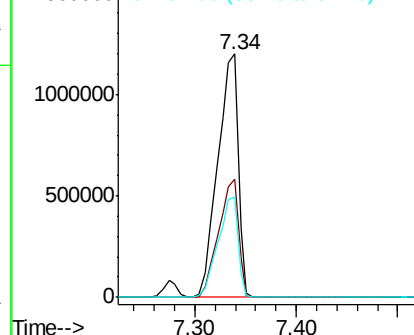
54 41.2 31.3 46.9

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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: 80.580 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

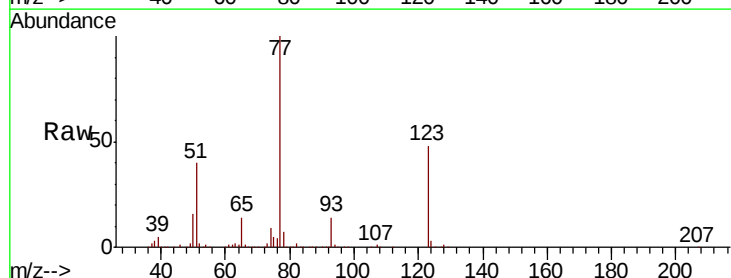
Tgt Ion: 77 Resp: 836356

Ion Ratio Lower Upper

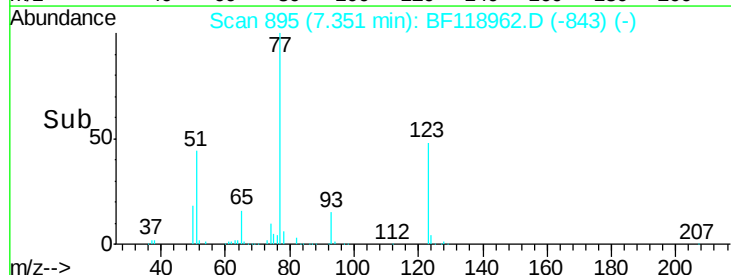
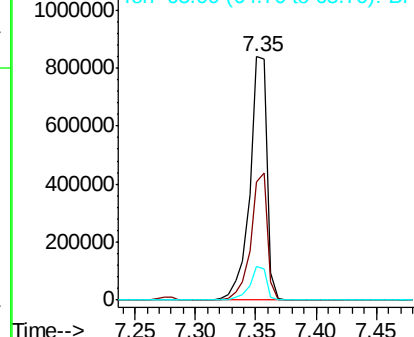
77 100

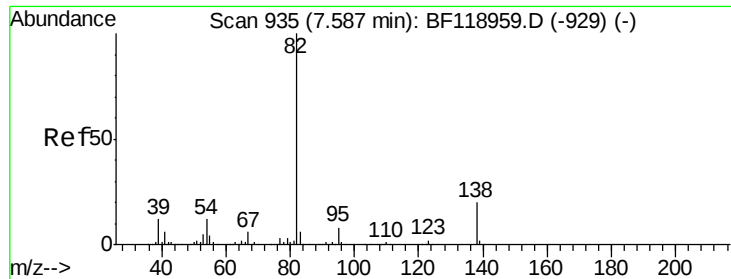
123 48.3 40.1 60.1

65 13.9 10.9 16.3



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





#25

Isophorone

Concen: 81.956 ng

RT: 7.60 min Scan# 937

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 82 Resp: 1504179

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

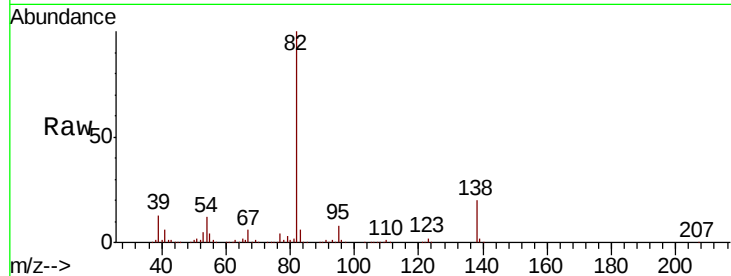
138 19.9 15.8 23.6

Manual Integrations

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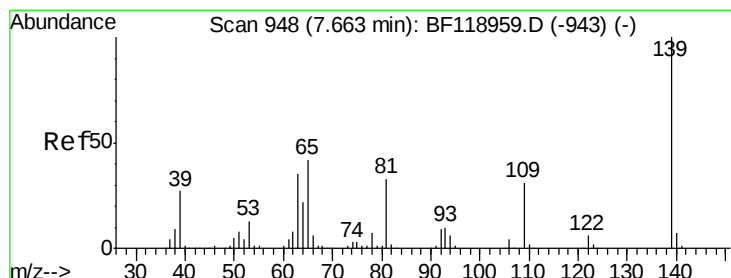
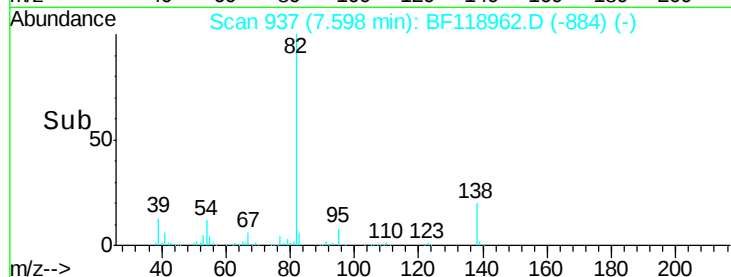
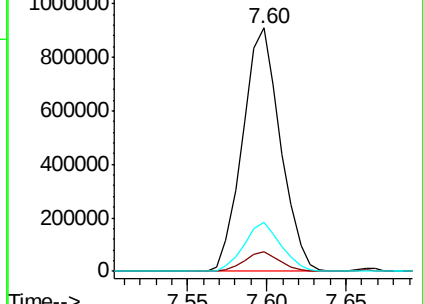
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Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 82.158 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

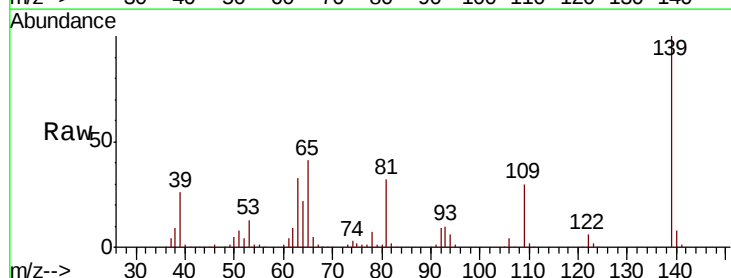
Tgt Ion: 139 Resp: 455400

Ion Ratio Lower Upper

139 100

109 29.8 24.6 36.8

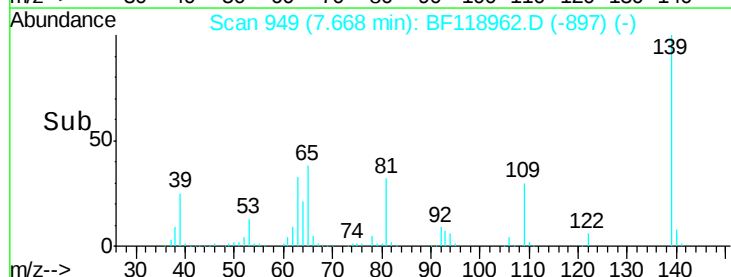
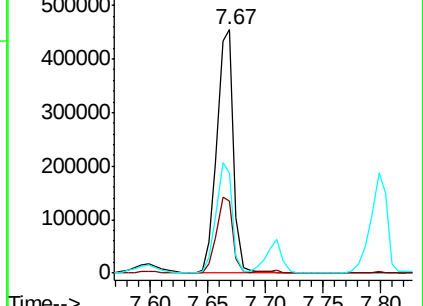
65 41.0 33.6 50.4

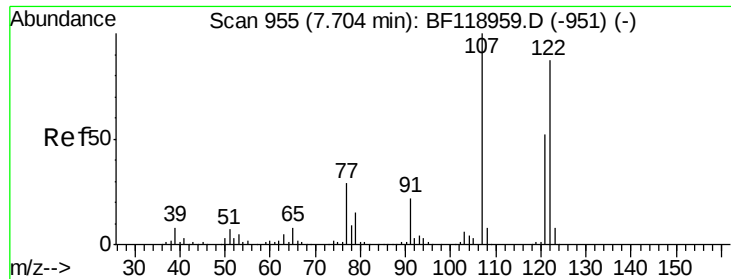


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





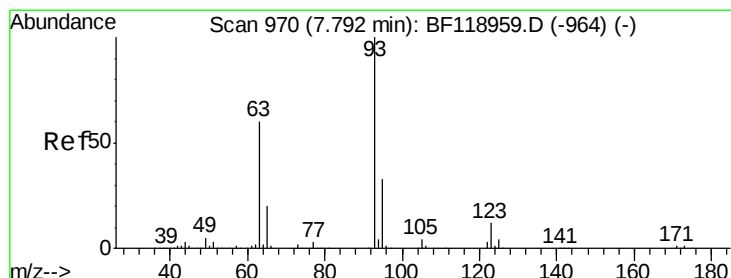
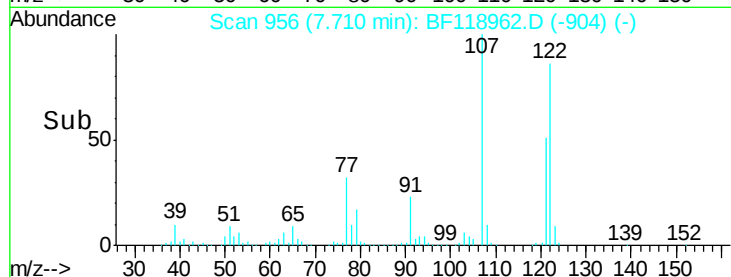
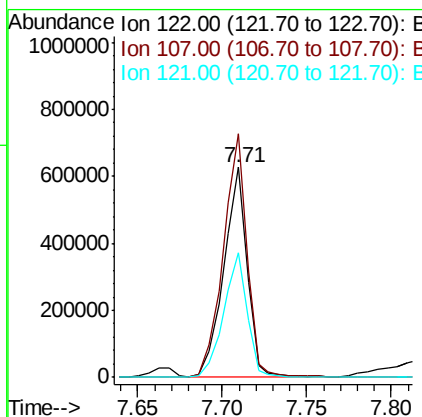
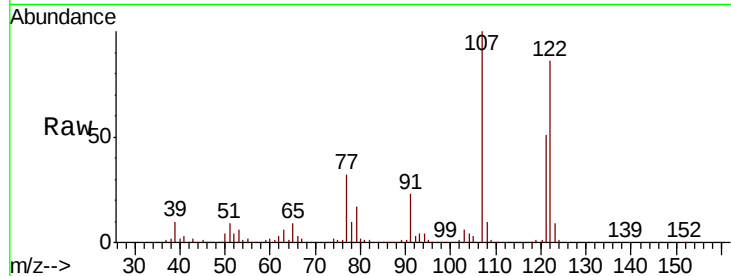
#27
2,4-Dimethylphenol
Concen: 81.277 ng
RT: 7.71 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.8	91.8	137.8
121	59.2	47.4	71.0

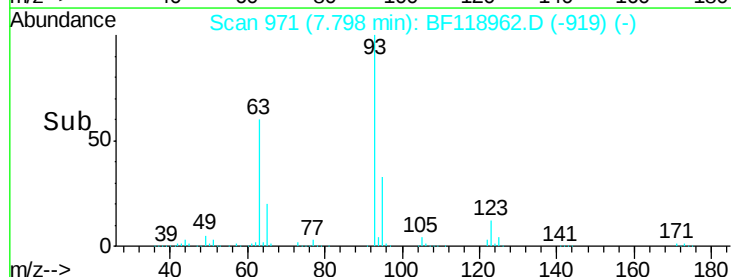
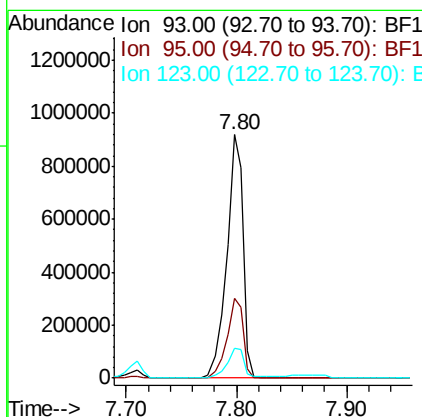
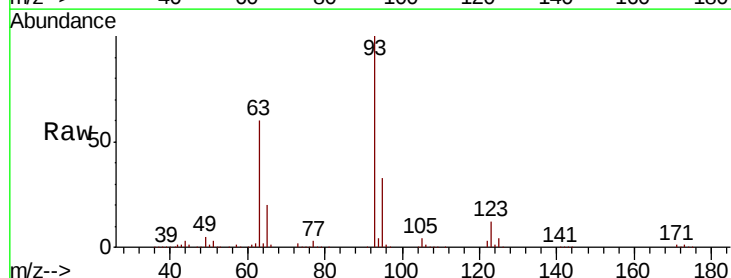
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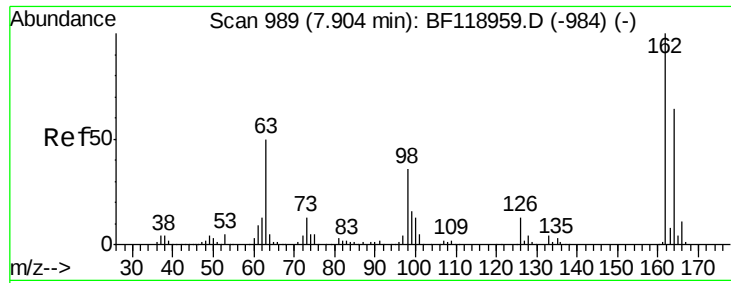
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 78.660 ng
RT: 7.80 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.3	39.5
123	12.4	9.8	14.8





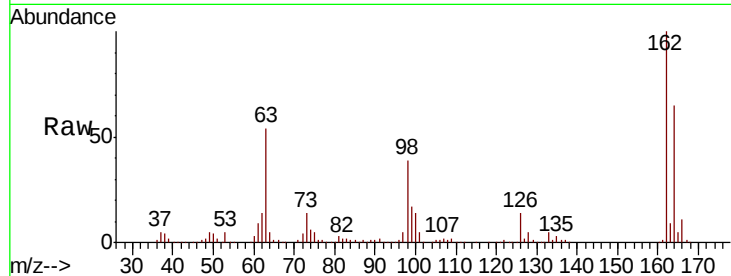
#29
2,4-Dichlorophenol
Concen: 78.951 ng
RT: 7.91 min Scan# 990
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
162	100	698477		
164	64.9	44.1	84.1	
98	38.6	16.4	56.4	

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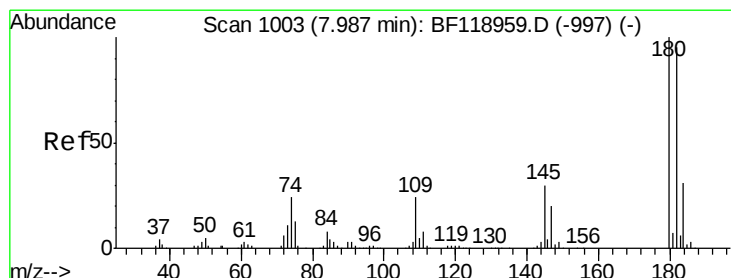
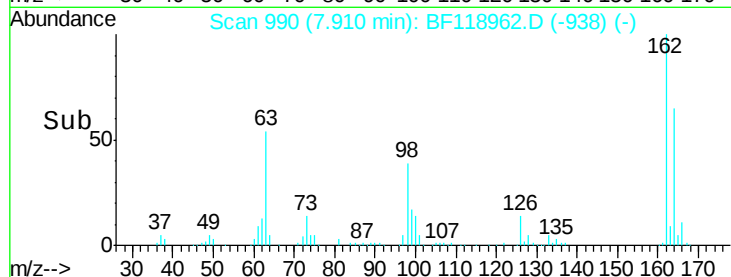
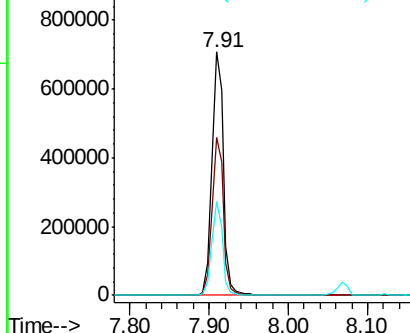


Abundance

Ion 162.00 (161.70 to 162.70): E

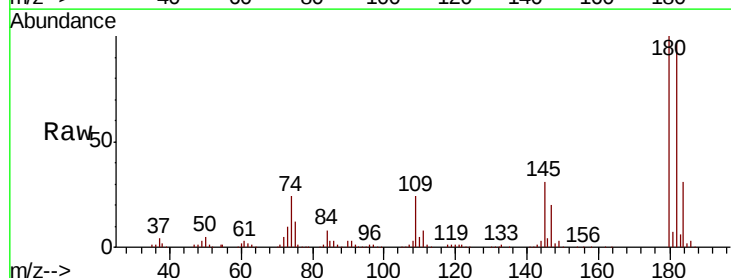
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 78.006 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	809653		
182	96.8	75.8	113.8	
145	30.8	24.2	36.2	

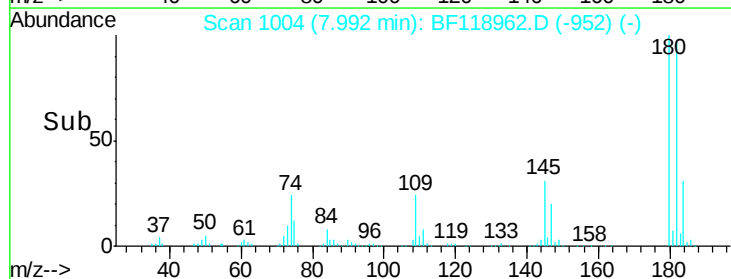
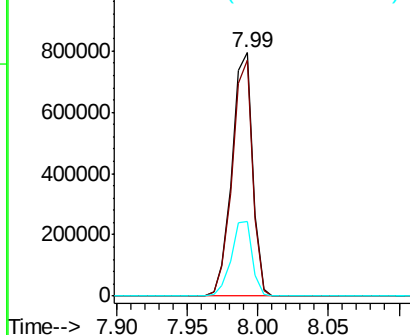


Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 76.608 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

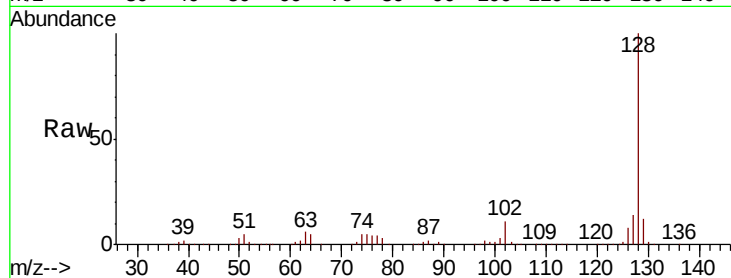
ClientSampleId :

SSTDICC080

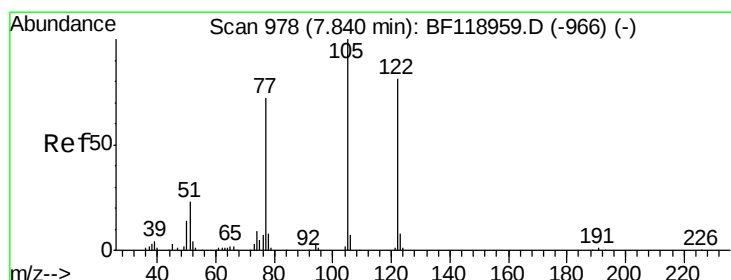
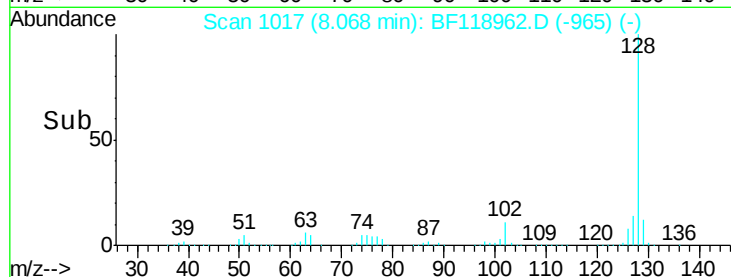
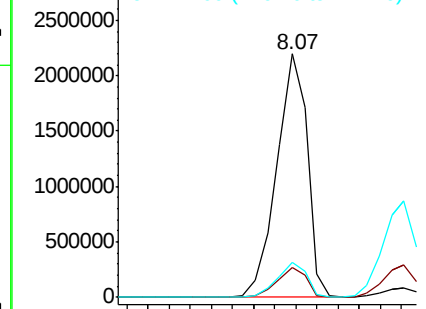
Tot Ion:	128	Resp:	2213217
Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.0	13.4
127	14.5	10.9	16.3

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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: 90.217 ng

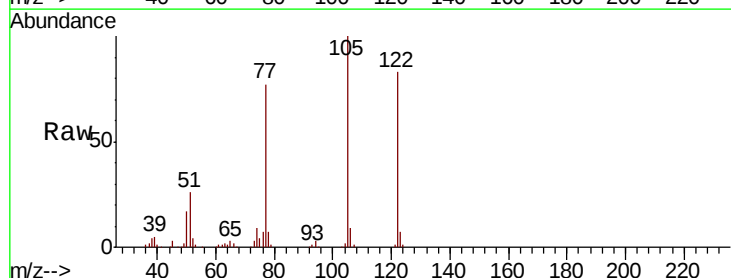
RT: 7.87 min Scan# 984

Delta R.T. 0.03 min

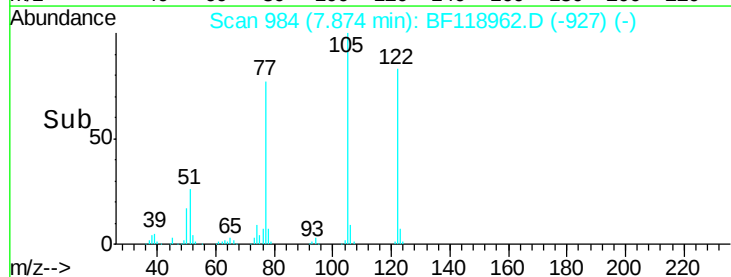
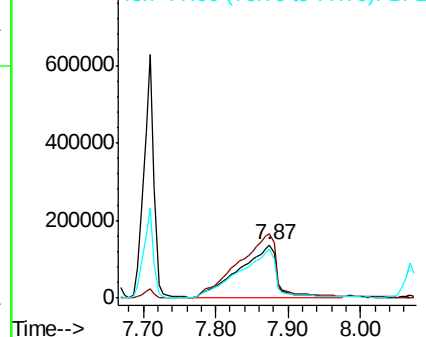
Lab File: BF118962.D

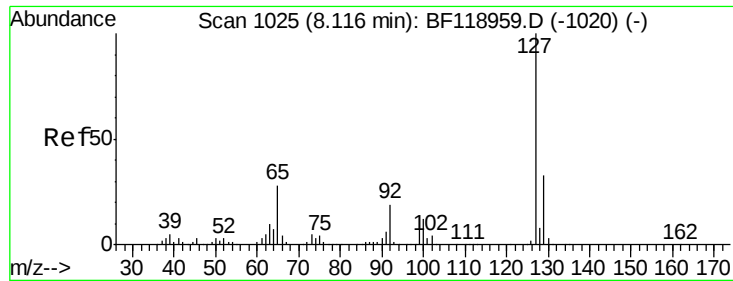
Acq: 20 Feb 2020 15:59

Tgt Ion:	122	Resp:	483462
Ion	Ratio	Lower	Upper
122	100		
105	121.0	102.2	142.2
77	93.5	68.6	108.6



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





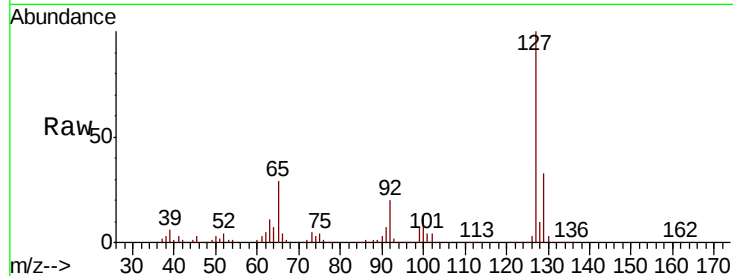
#33
4-Chloroaniline
Concen: 77.916 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

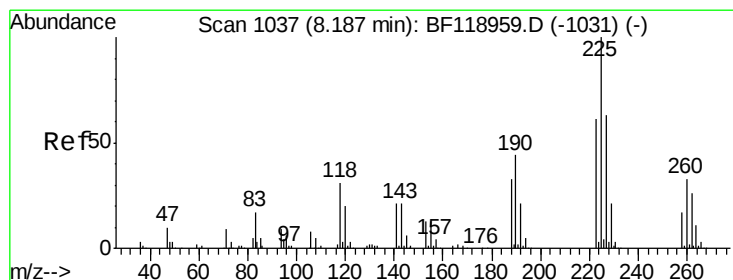
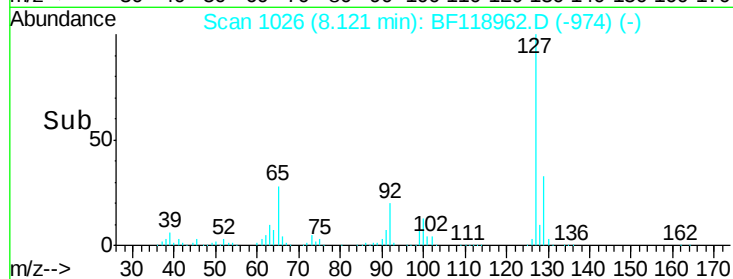
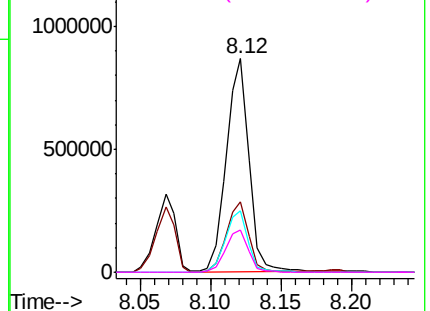
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	33.2	26.2	39.2		
65	28.7	22.0	33.0		
92	19.7	15.5	23.3		

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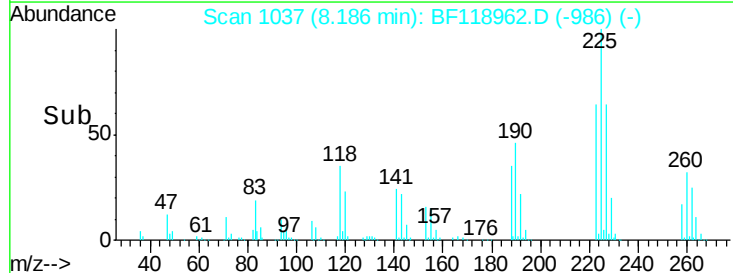
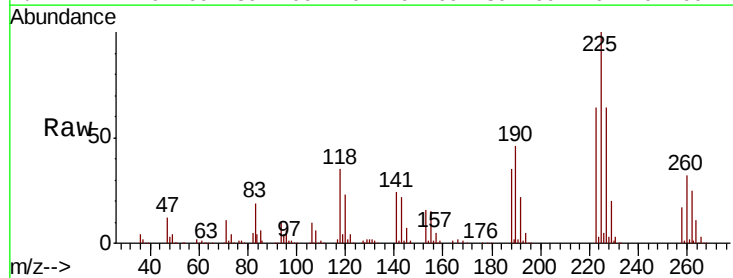
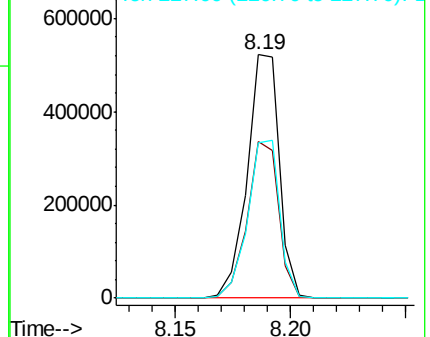
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

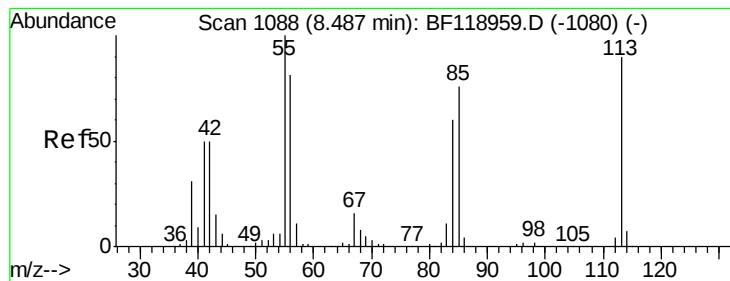


#34
Hexachlorobutadiene
Concen: 79.291 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	64.4	48.9	73.3		
227	63.6	50.4	75.6		

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: 87.237 ng/mL

RT: 8.52 min Scan# 1093

Delta R.T. 0.03 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

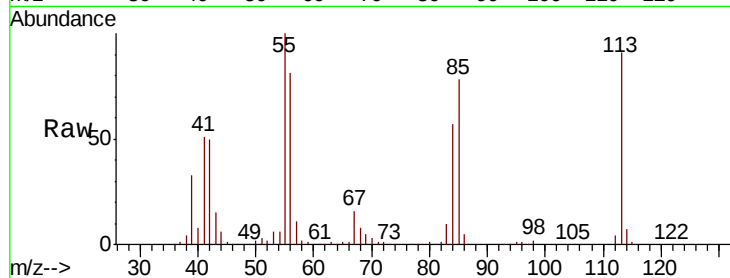
ClientSampleID :

SSTDIC080

Tot Ion:	113	Resp:	233508
Ion Ratio	Lower	Upper	
113	100		
55	110.4	90.8	130.8
56	89.7	70.0	110.0

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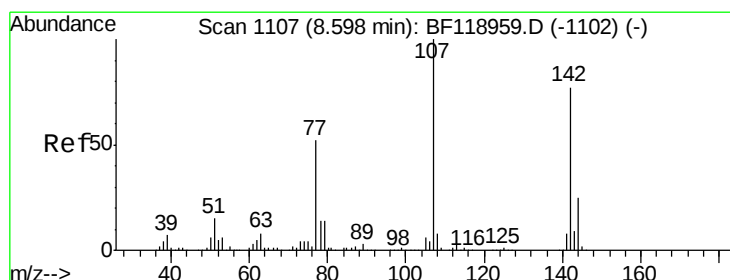
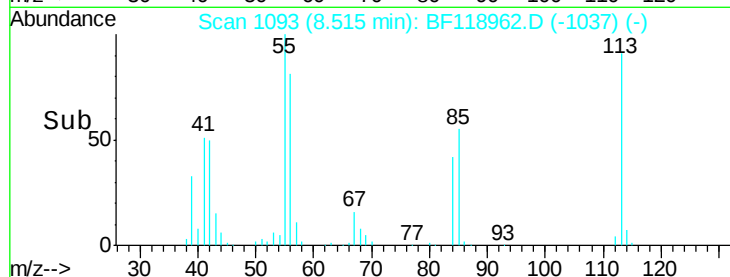
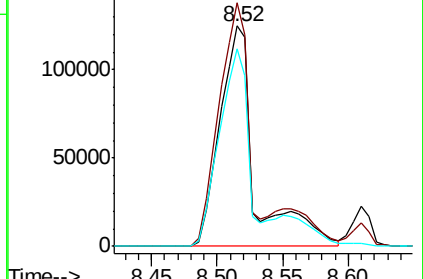
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 81.160 ng/mL

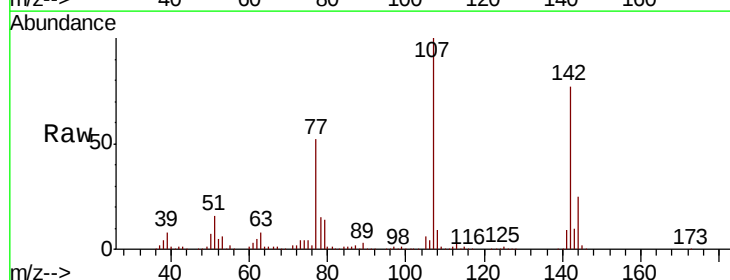
RT: 8.61 min Scan# 1109

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

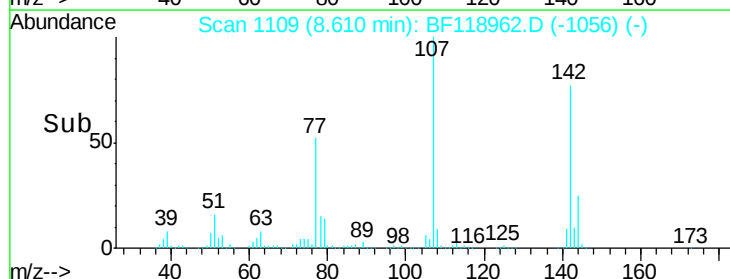
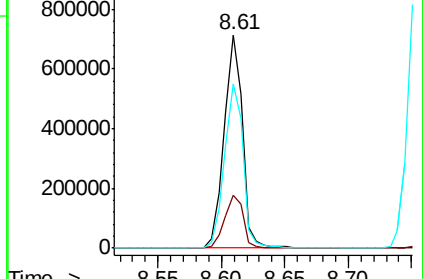
Tgt Ion:	107	Resp:	717493
Ion Ratio	Lower	Upper	
107	100		
144	25.0	19.8	29.8
142	76.8	61.3	91.9

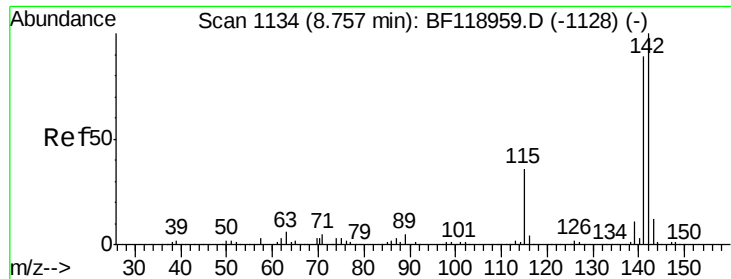


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





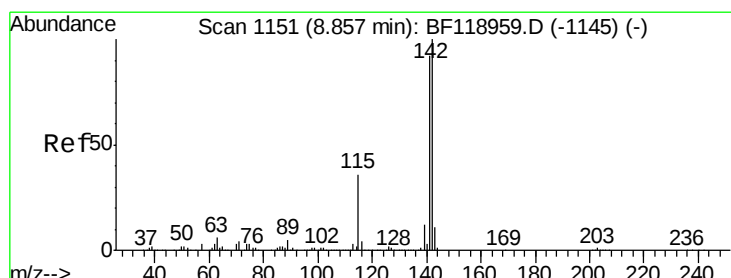
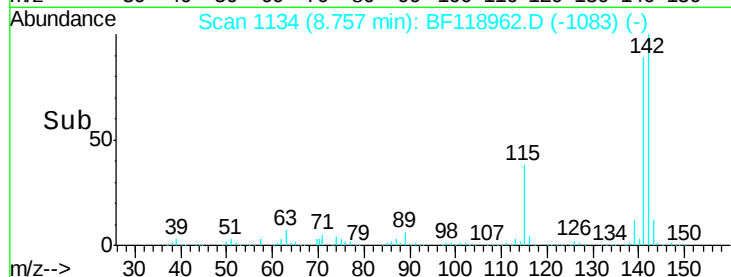
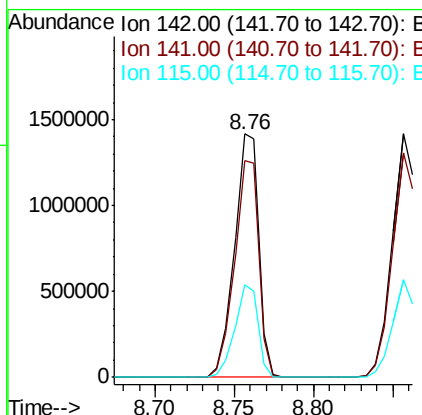
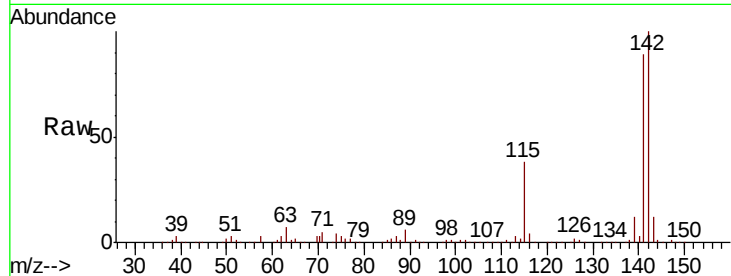
#37
2-Methylnaphthalene
Concen: 77.716 ng
RT: 8.76 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.4
115	38.1	28.6	42.8

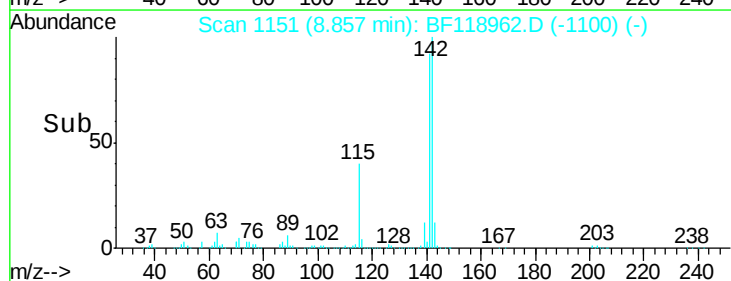
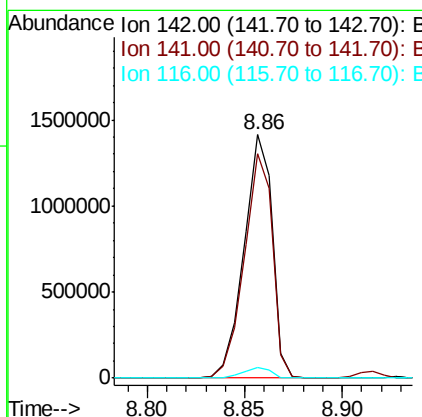
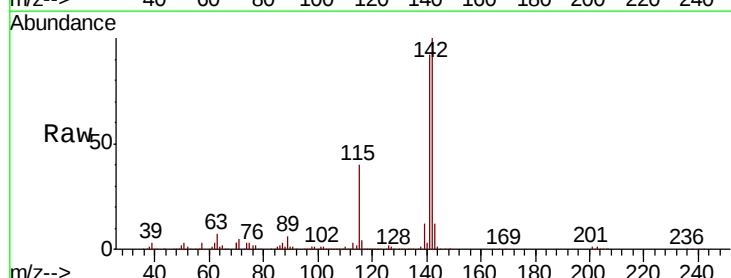
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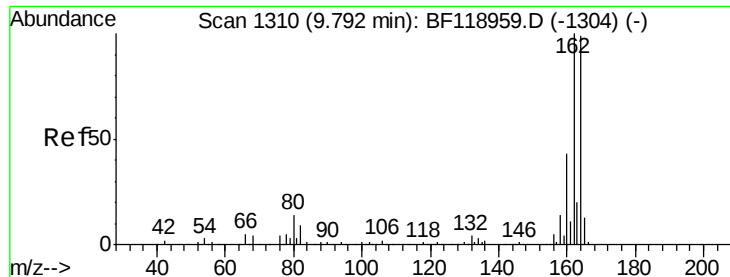
mohammad
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#38
1-Methylnaphthalene
Concen: 77.911 ng
RT: 8.86 min Scan# 1151
Delta R.T. -0.00 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.7	110.5
116	4.3	3.0	4.6





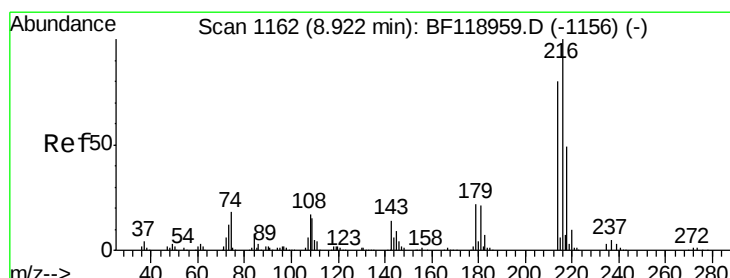
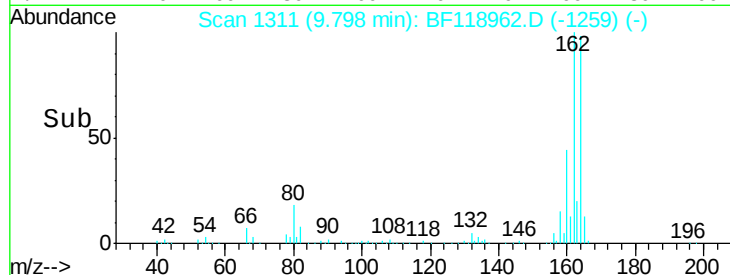
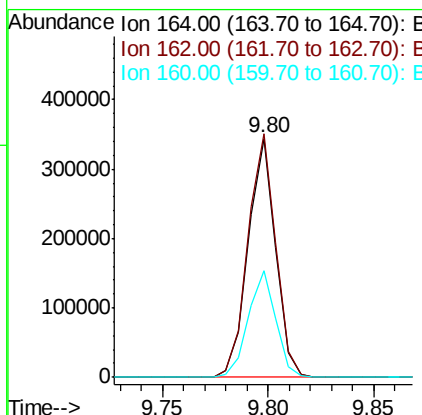
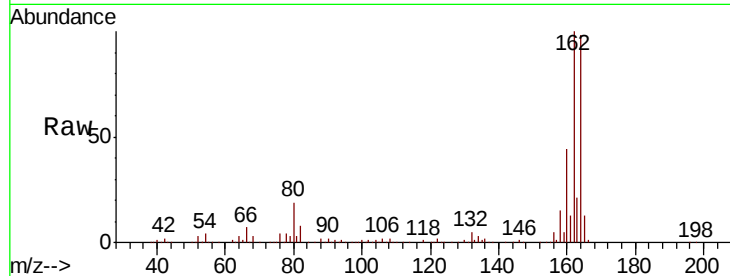
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.2	121.8
160	44.5	35.2	52.8

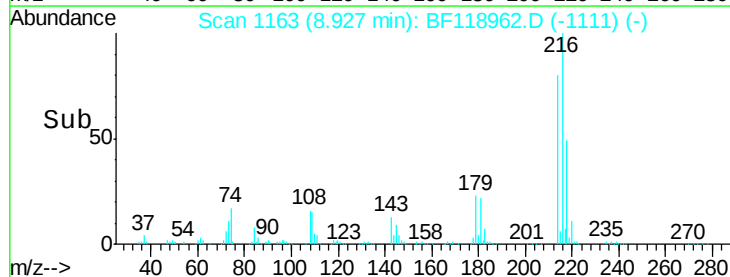
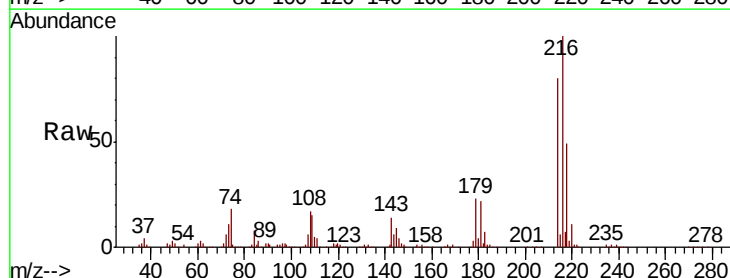
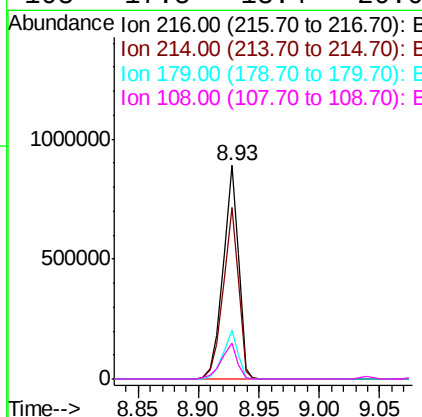
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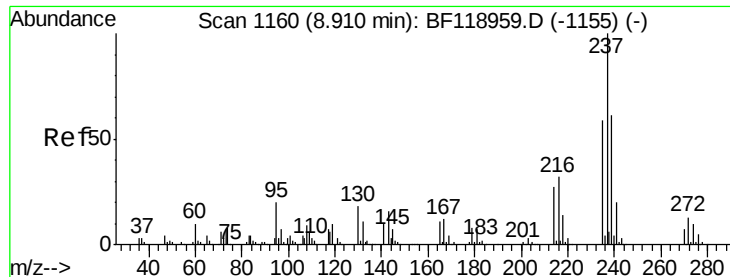
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 78.316 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.9	63.1	94.7
179	21.9	17.2	25.8
108	17.5	13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 101.990 ng

RT: 8.92 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

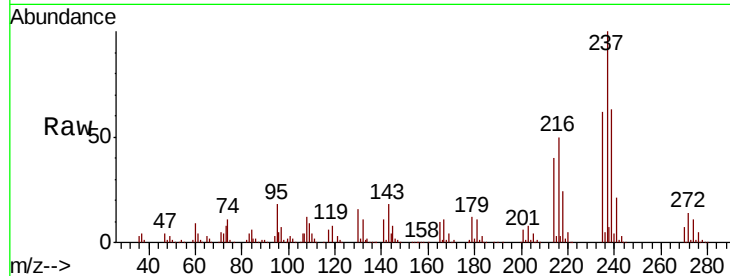
ClientSampleId :

SSTDICC080

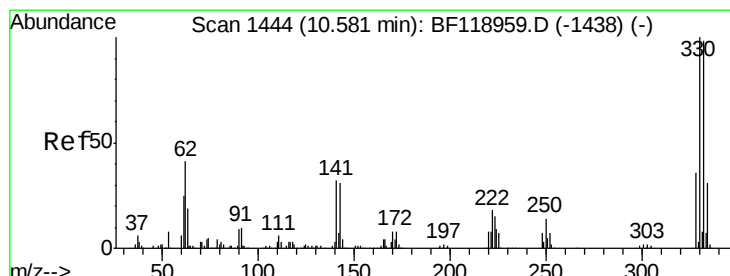
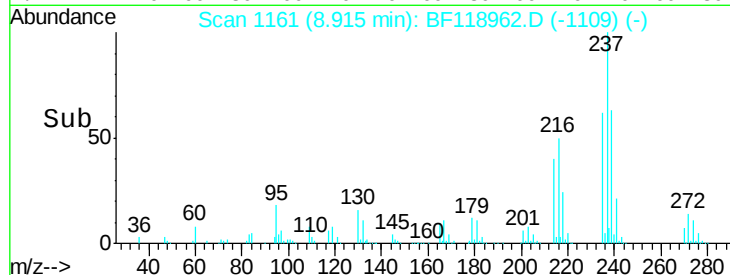
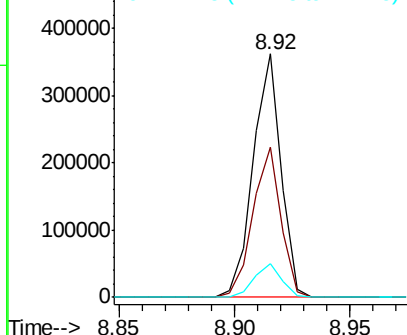
Tot Ion:	237	Resp:	305627
Ion Ratio		Lower	Upper
237	100		
235	61.6	39.4	79.4
272	13.7	0.0	32.6

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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: 165.706 ng

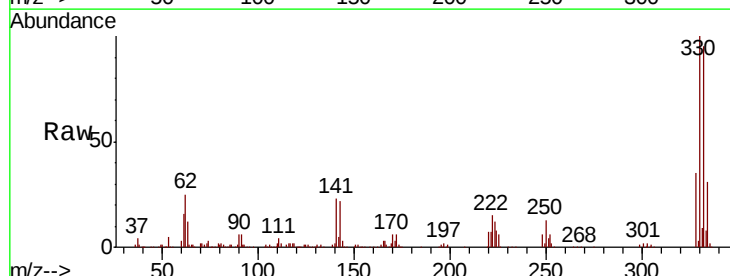
RT: 10.59 min Scan# 1446

Delta R.T. 0.01 min

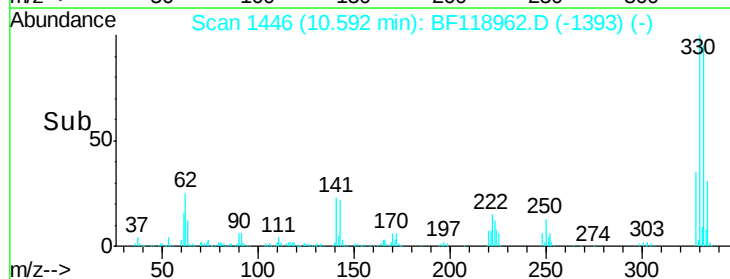
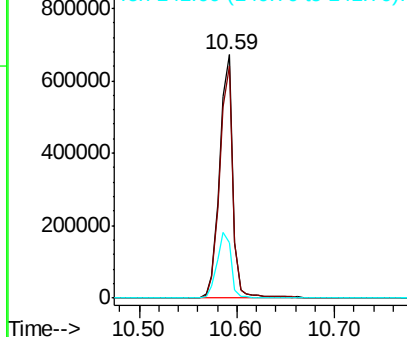
Lab File: BF118962.D

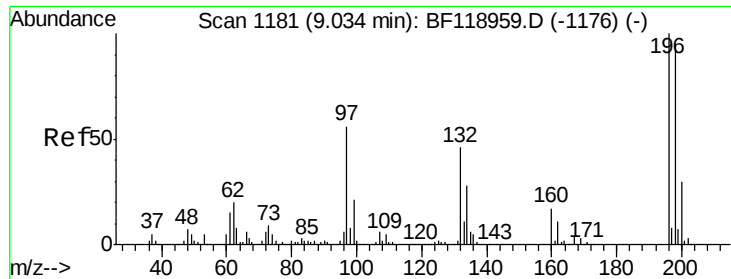
Acq: 20 Feb 2020 15:59

Tgt Ion:	330	Resp:	639033
Ion Ratio		Lower	Upper
330	100		
332	96.0	77.1	115.7
141	28.6	23.0	34.6



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





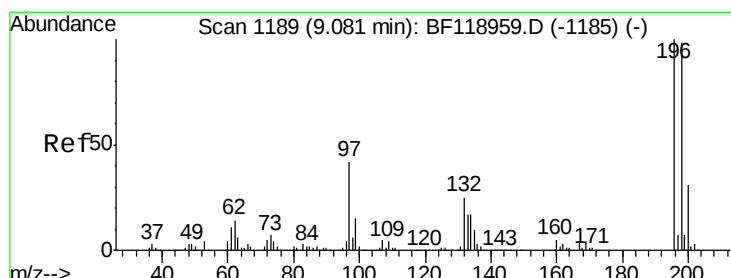
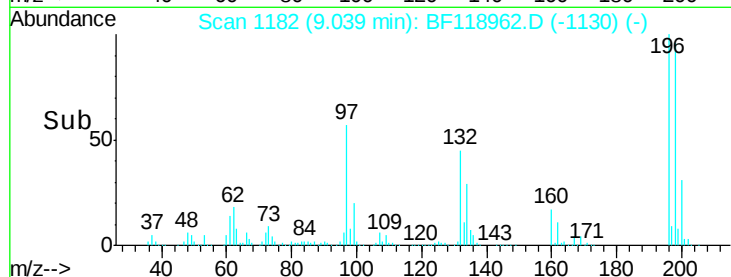
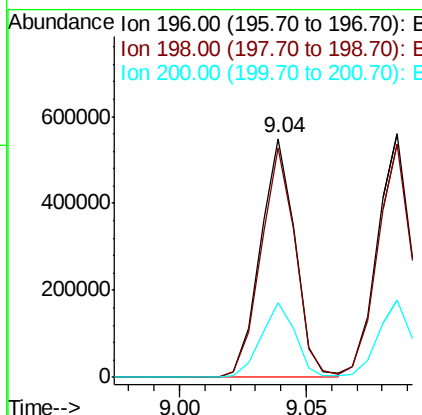
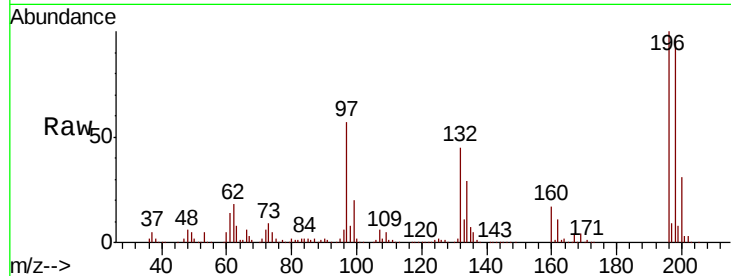
#43
 2,4,6-Trichlorophenol
 Concen: 79.214 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Resp	Lower	Upper
196	100	522064		
198	95.9	75.8	113.6	
200	31.4	24.1	36.1	

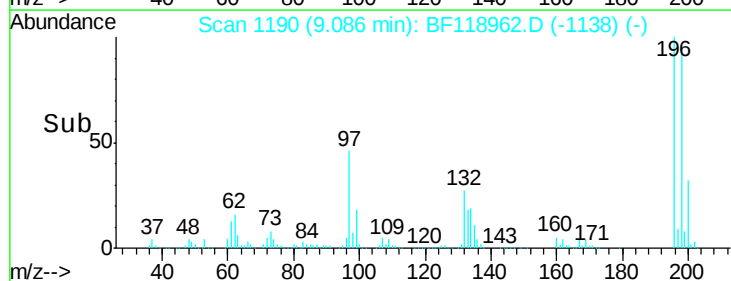
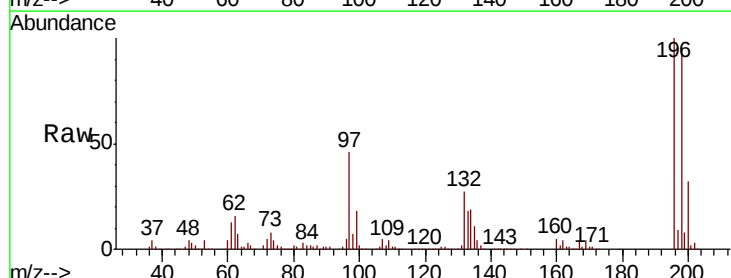
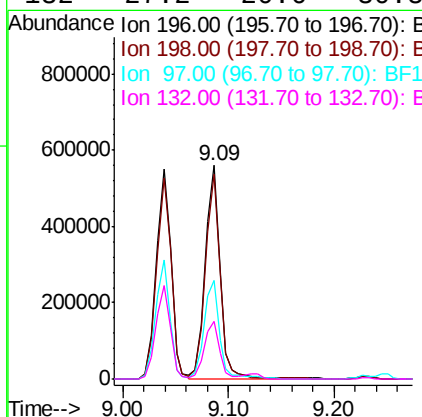
Manual Integrations
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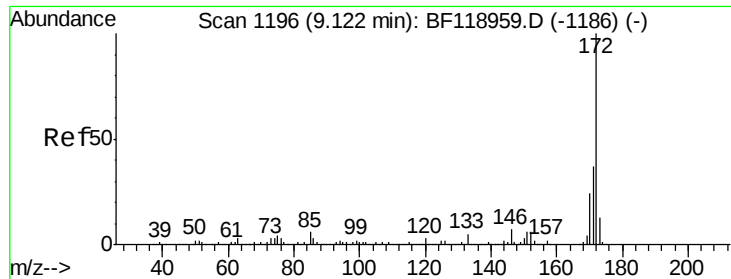
mohammad
 2/21/2020 2:18:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 80.103 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	547367		
198	95.6	78.4	117.6	
97	46.2	33.4	50.0	
132	27.2	20.6	30.8	





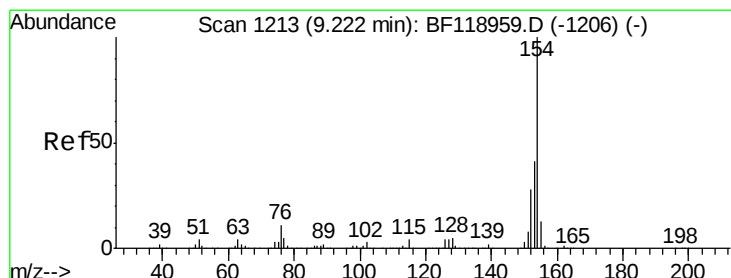
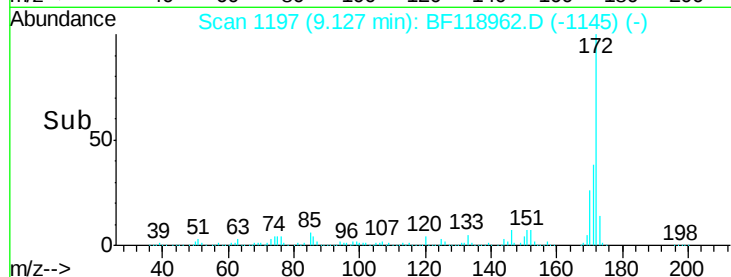
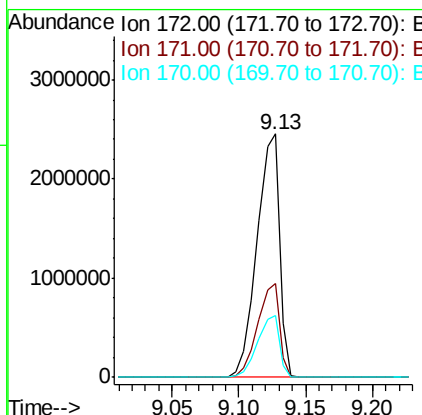
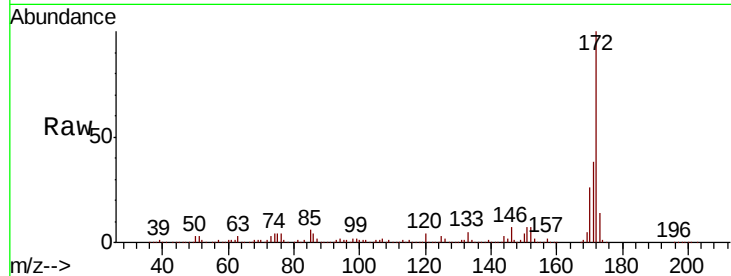
#45
2-Fluorobiphenyl
Concen: 147.544 ng
RT: 9.13 min Scan# 1197
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	29.4	44.2
170	25.5	19.6	29.4

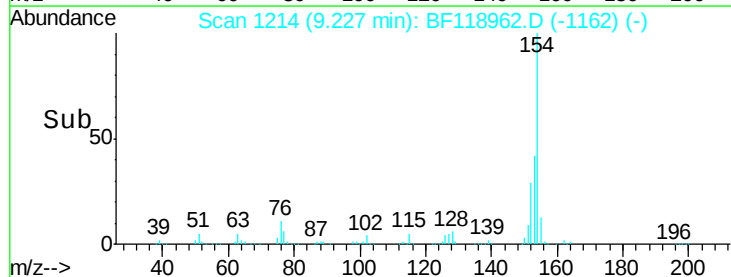
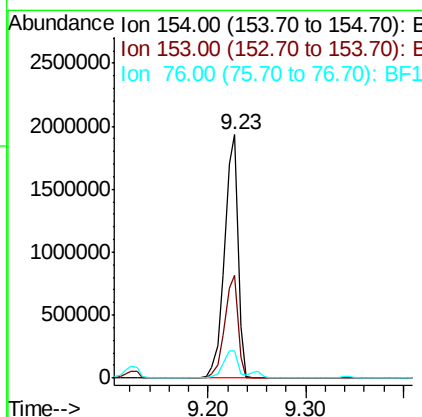
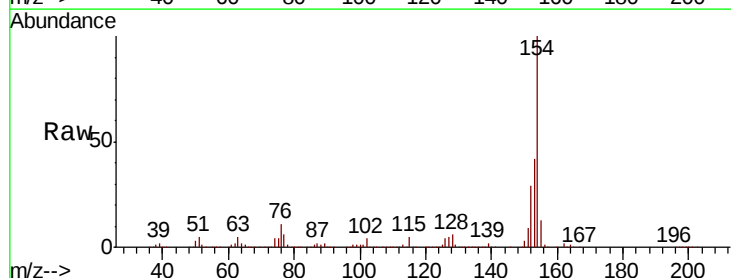
Manual Integrations
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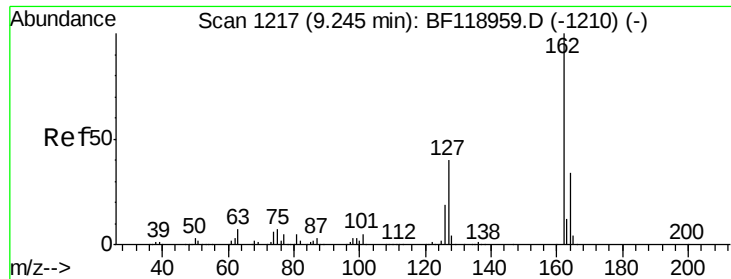
mohammad
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#46
1,1'-Biphenyl
Concen: 77.422 ng
RT: 9.23 min Scan# 1214
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.2	61.2
76	11.4	0.0	31.1





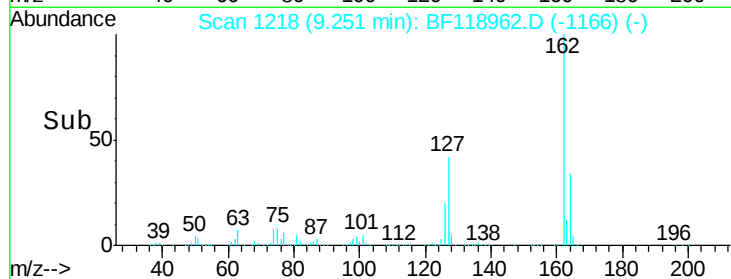
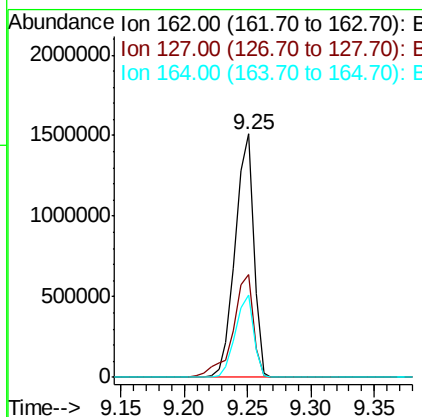
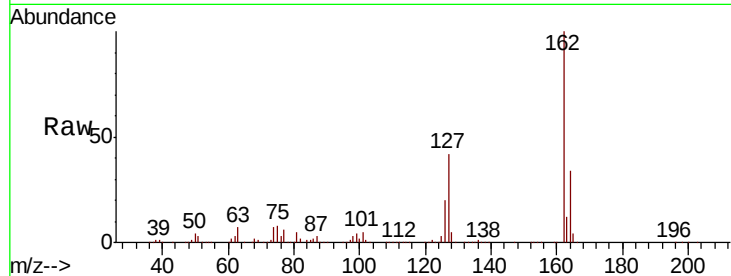
#47
 2-Chloronaphthalene
 Concen: 76.496 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.4	31.9	47.9
164	33.9	26.8	40.2

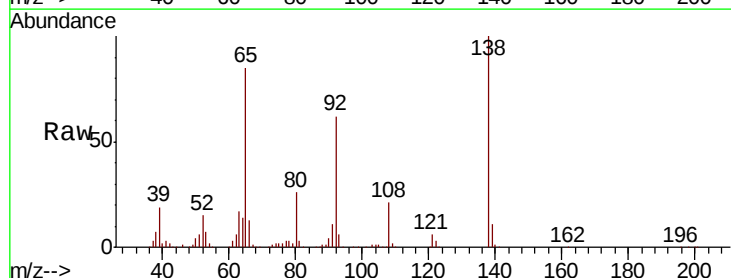
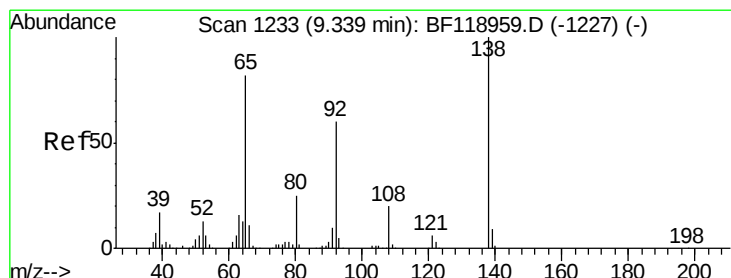
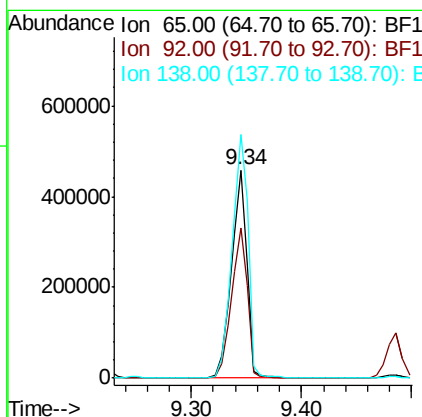
Manual Integrations
 APPROVED

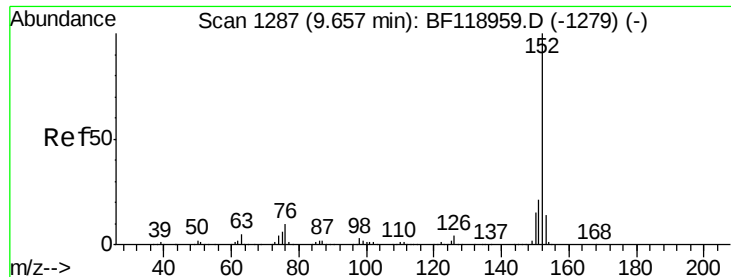
mohammad
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#48
 2-Nitroaniline
 Concen: 81.097 ng
 RT: 9.34 min Scan# 1234
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	58.6	87.8
138	117.2	97.5	146.3





#49

Acenaphthylene

Concen: 76.642 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:152 Resp: 2173458

Ion Ratio Lower Upper

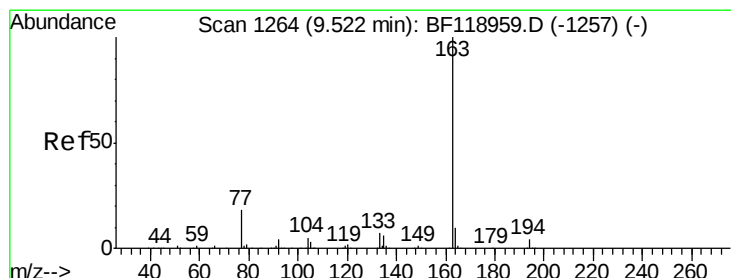
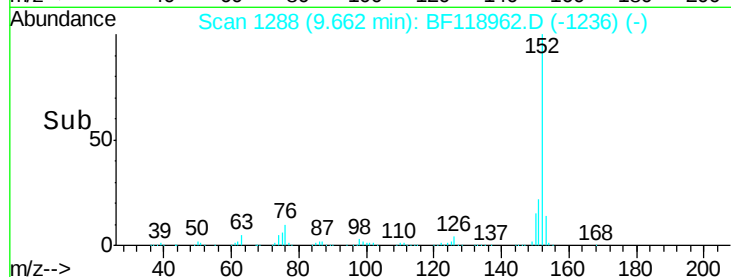
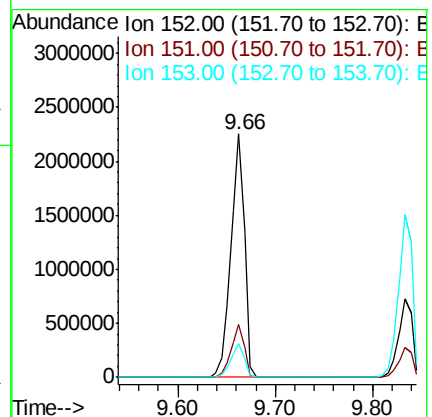
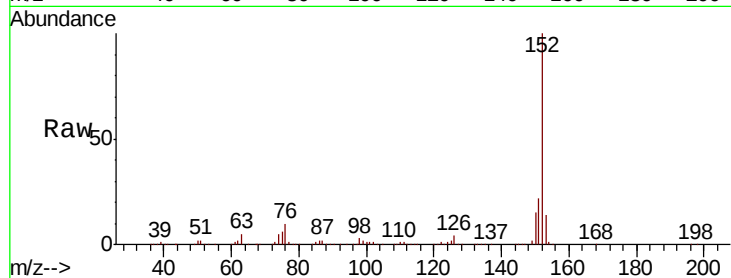
152 100

151 21.8 16.7 25.1

153 14.0 10.9 16.3

Manual Integrations
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#50

Dimethylphthalate

Concen: 78.931 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

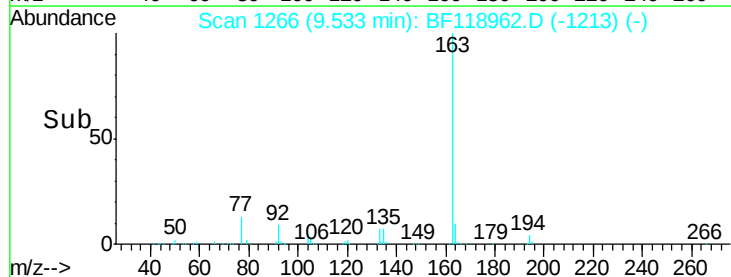
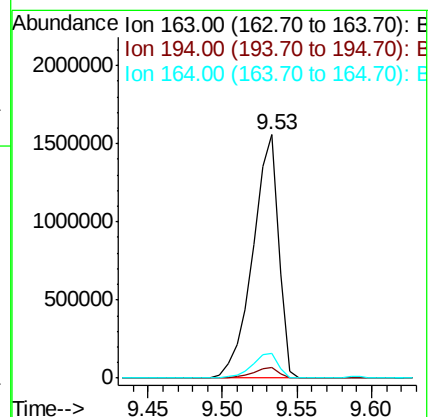
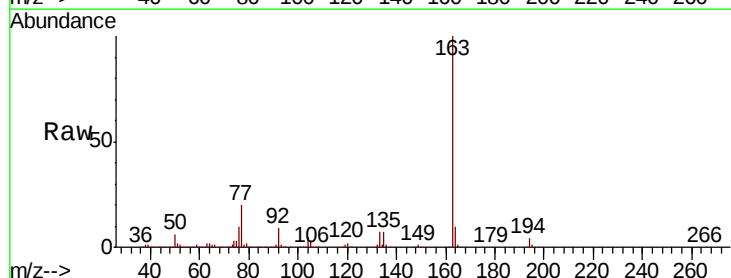
Tgt Ion:163 Resp: 1855068

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 80.196 ng

RT: 9.59 min Scan# 1276

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

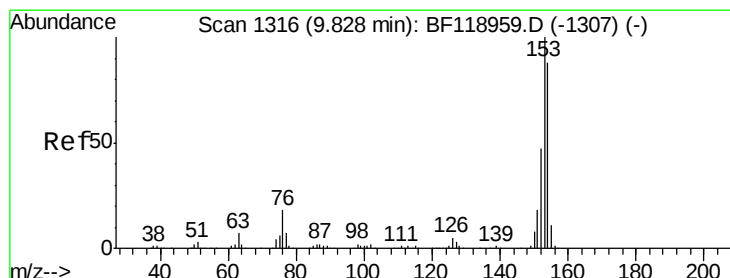
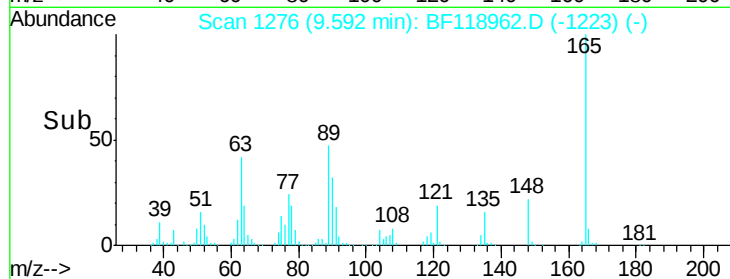
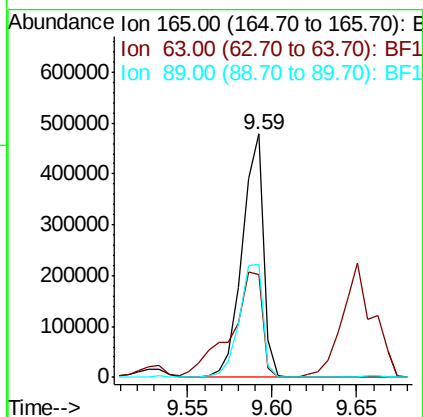
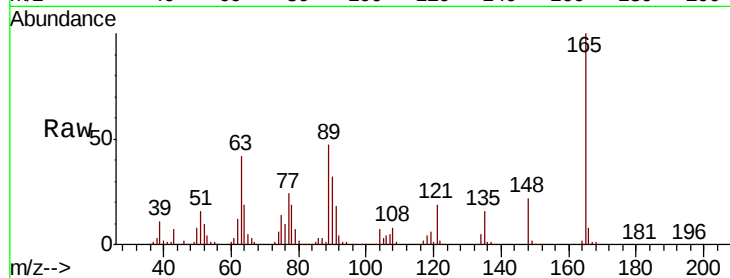
ClientSampleId :

SSTDIC080

Tot Ion:	165	Resp:	420982
Ion Ratio	Lower	Upper	
165	100		
63	42.2	37.9	56.9
89	46.6	41.4	62.0

Manual Integrations
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#52

Acenaphthene

Concen: 76.665 ng

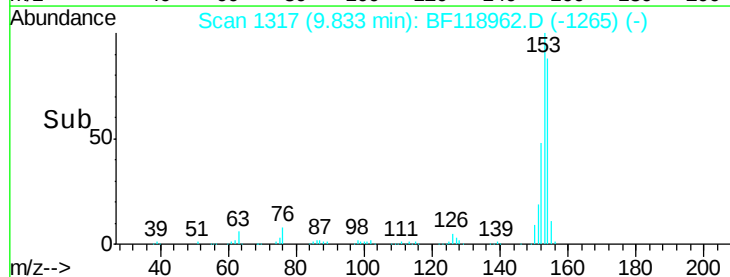
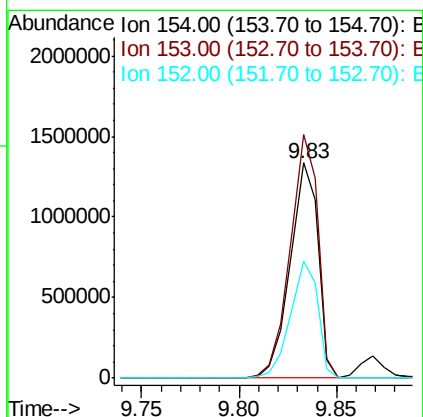
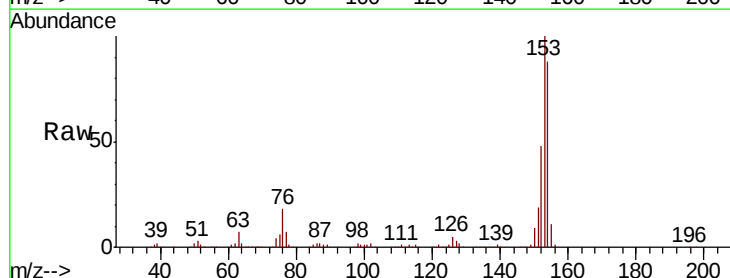
RT: 9.83 min Scan# 1317

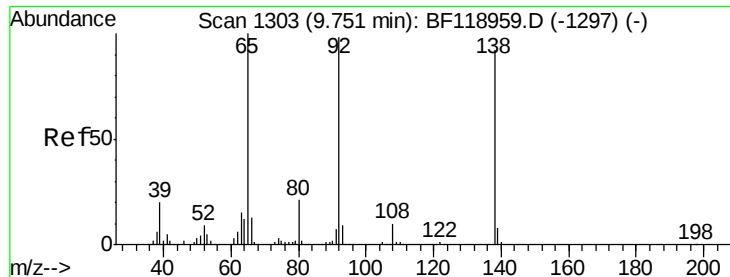
Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Tgt Ion:	154	Resp:	1323450
Ion Ratio	Lower	Upper	
154	100		
153	113.3	90.4	135.6
152	54.6	42.9	64.3





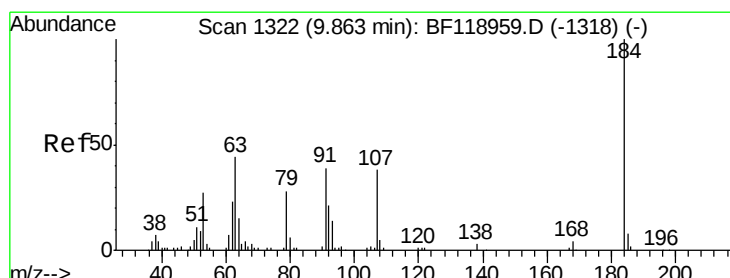
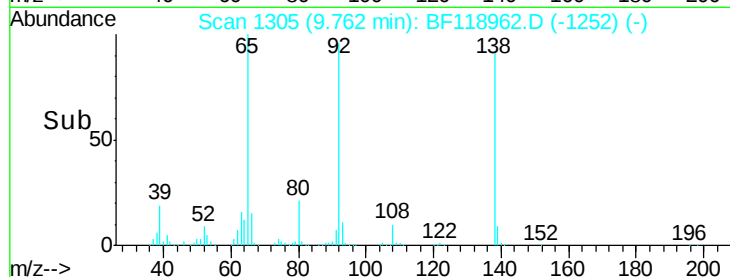
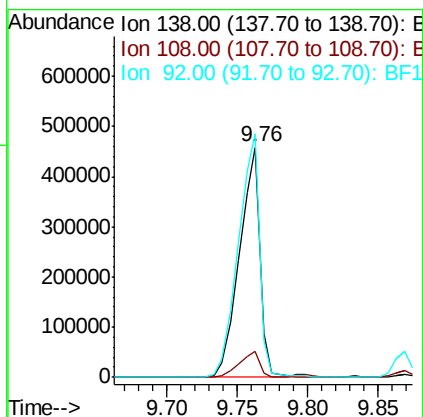
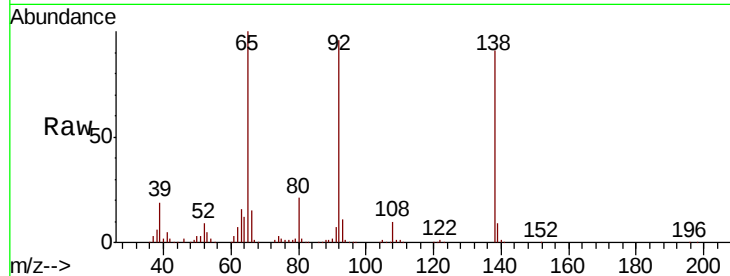
#53
3-Nitroaniline
Concen: 80.302 ng
RT: 9.76 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.6	13.0
92	105.9	84.6	127.0

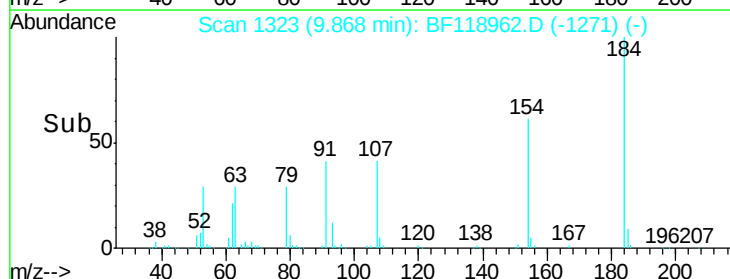
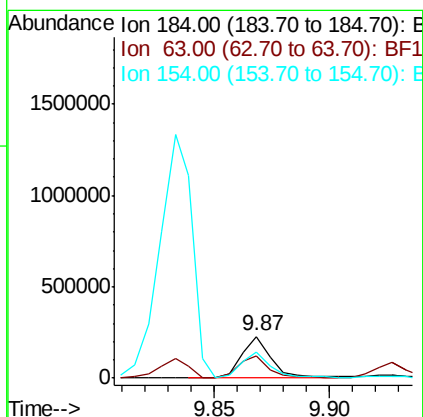
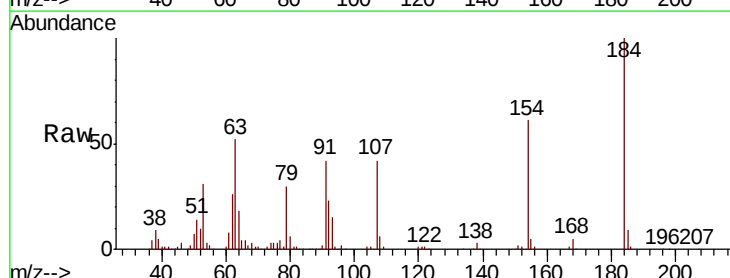
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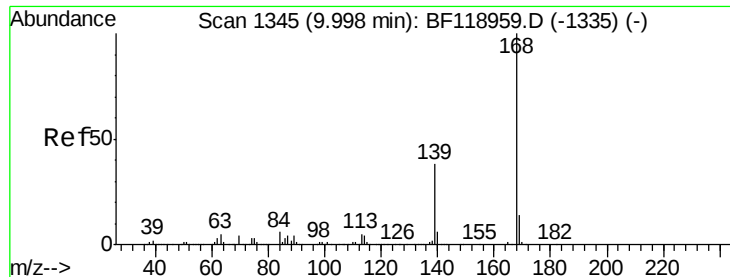
mohammad
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#54
2,4-Dinitrophenol
Concen: 88.538 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.2	37.8	56.6
154	61.4	47.6	71.4





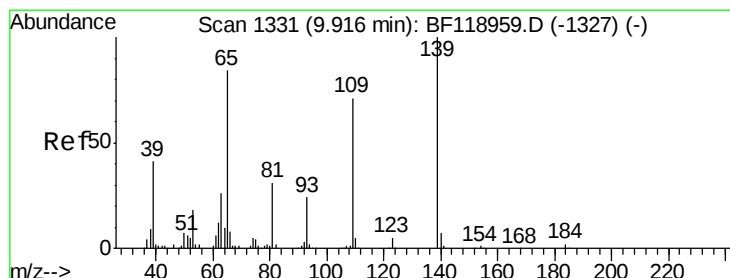
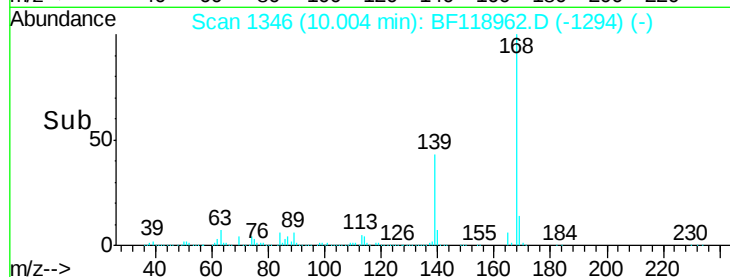
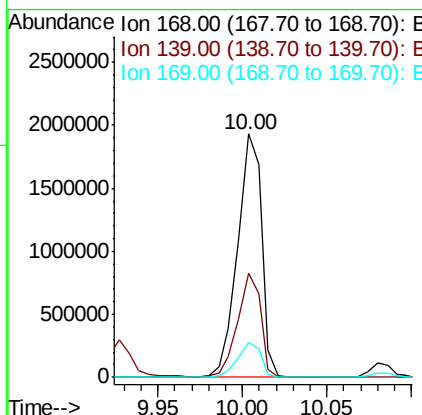
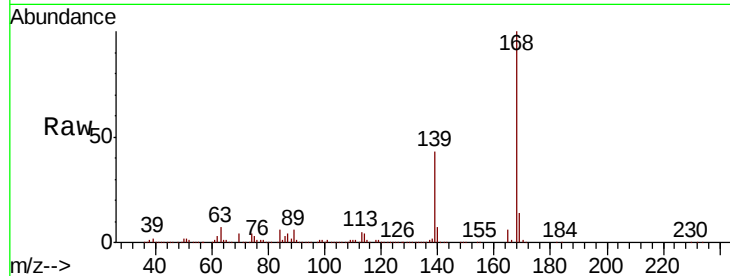
#55
Dibenzenofuran
Concen: 74.526 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampled :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.5	31.7	47.5
169	14.3	11.0	16.4

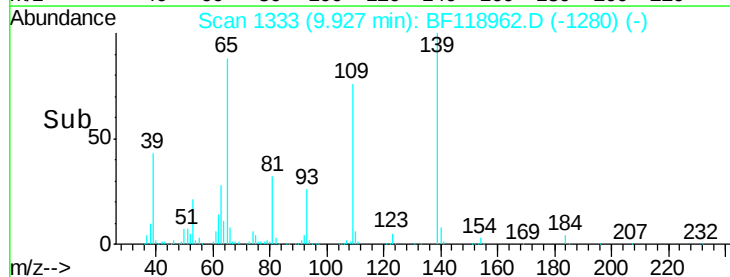
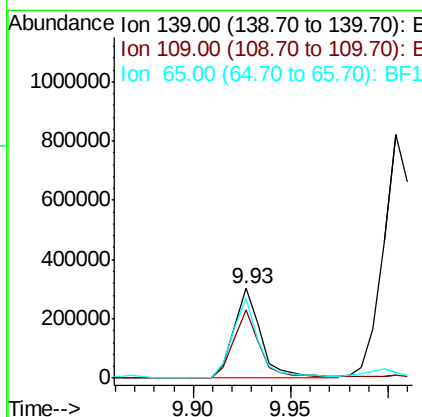
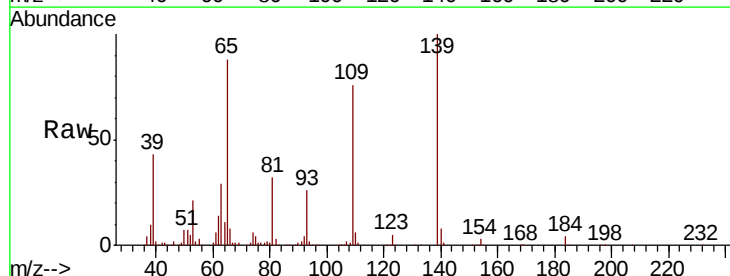
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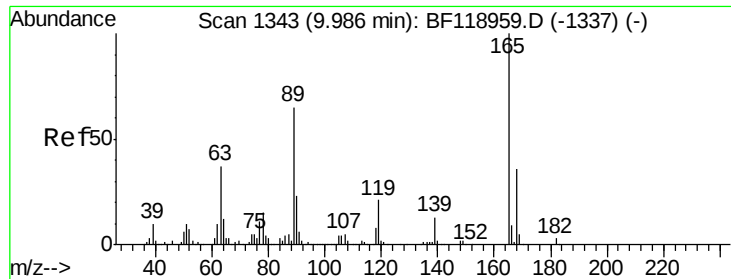
mohammad
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#56
4-Nitrophenol
Concen: 83.406 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
139	100		
109	75.6	51.1	91.1
65	88.4	64.7	104.7





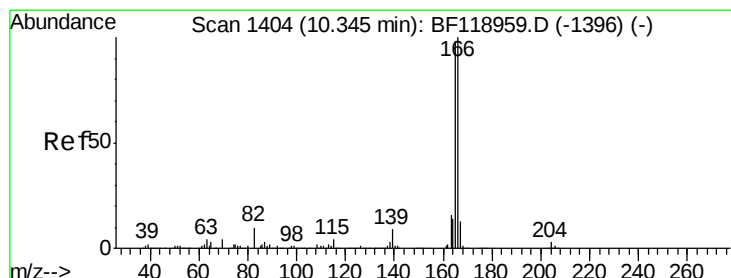
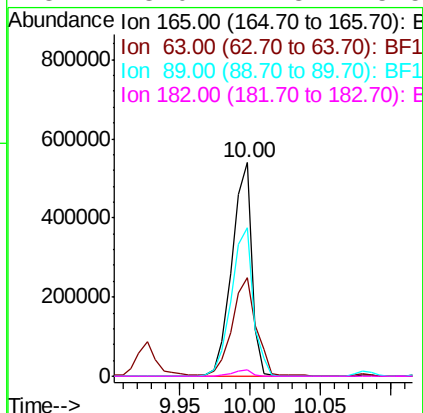
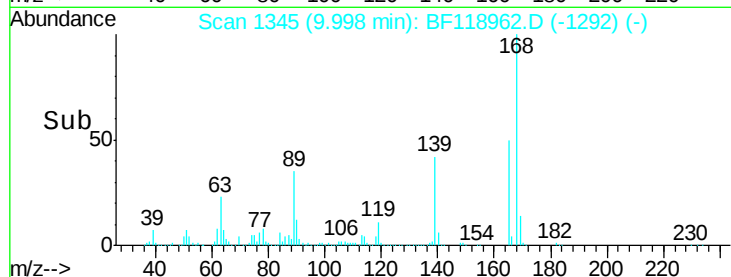
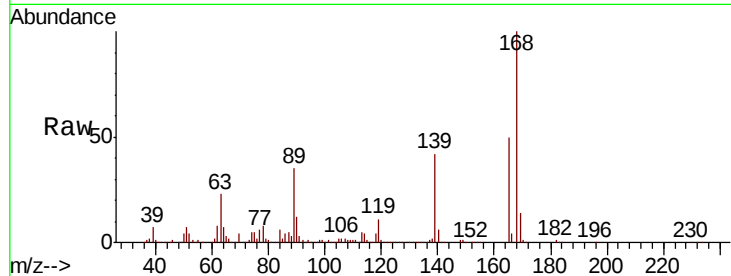
#57
2,4-Dinitrotoluene
Concen: 77.974 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
165	100	529491		
63	46.2	29.8	44.8#	
89	69.3	51.9	77.9	
182	3.0	2.3	3.5	

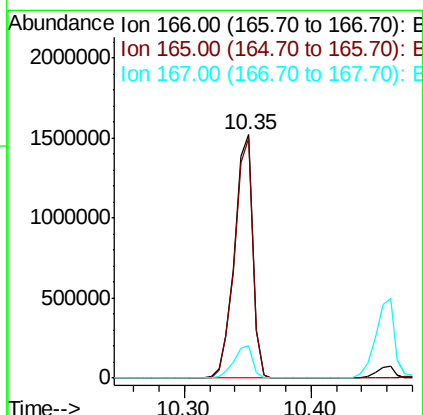
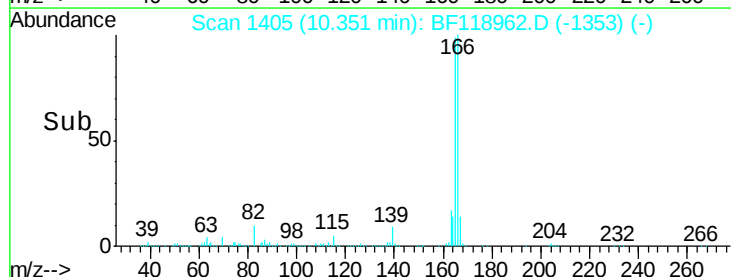
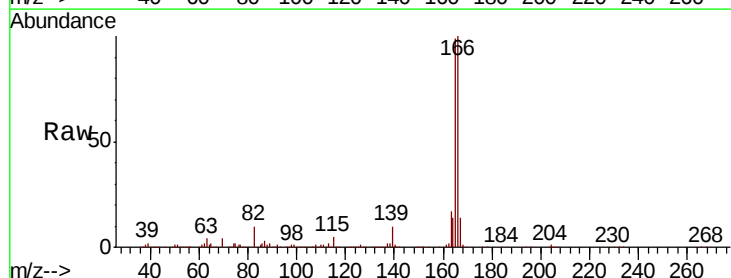
Manual Integrations
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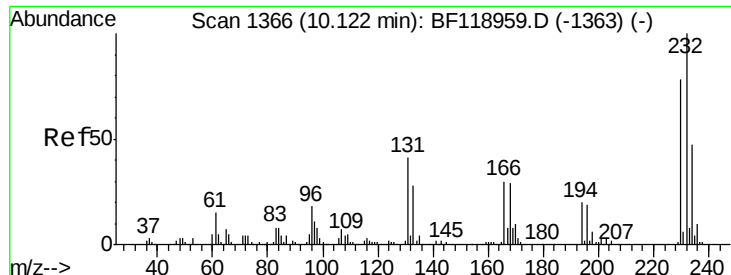
mohammad
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#58
Fluorene
Concen: 74.792 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1493635		
165	98.7	78.2	117.4	
167	13.6	10.6	16.0	





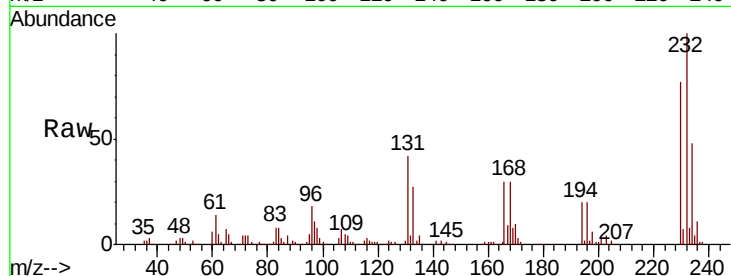
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 79.038 ng
 RT: 10.13 min Scan# 1367
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

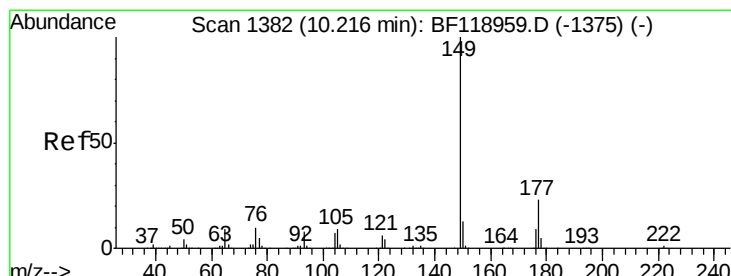
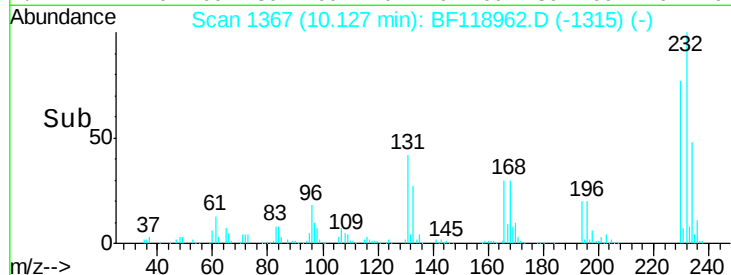
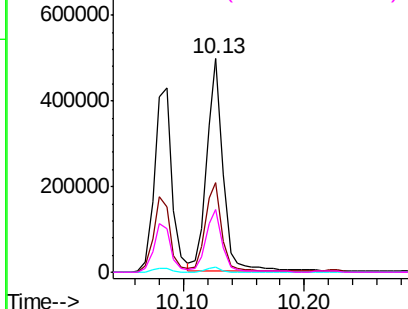
Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		464183		
131	42.5	34.0	51.0		
130	2.3	1.6	2.4		
166	29.4	23.6	35.4		

Manual Integrations
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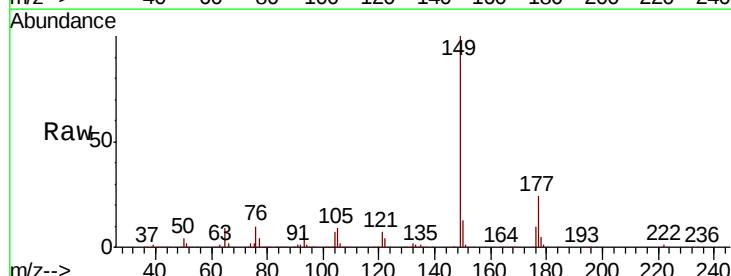


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

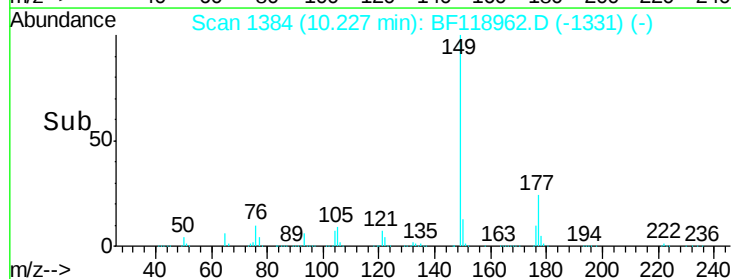
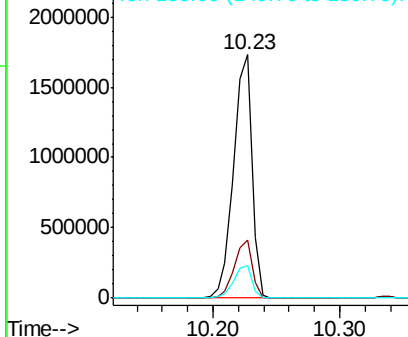


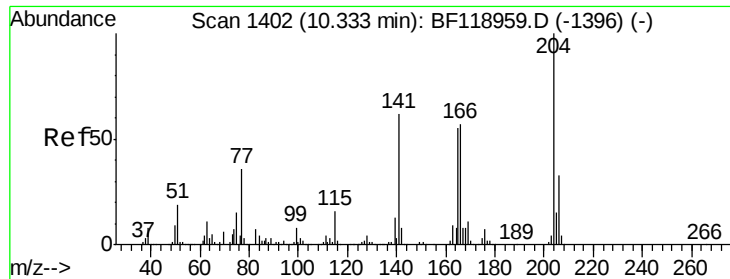
#60
 Diethylphthalate
 Concen: 77.653 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		1720462		
177	23.6	18.1	27.1		
150	13.1	10.4	15.6		



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





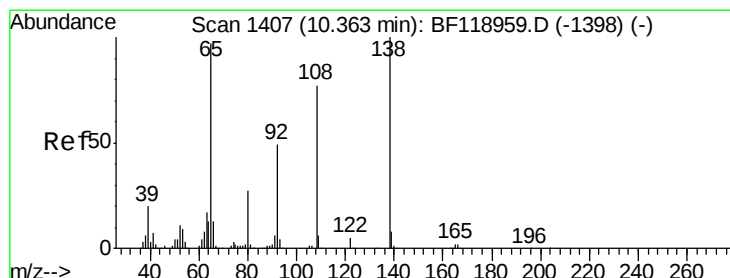
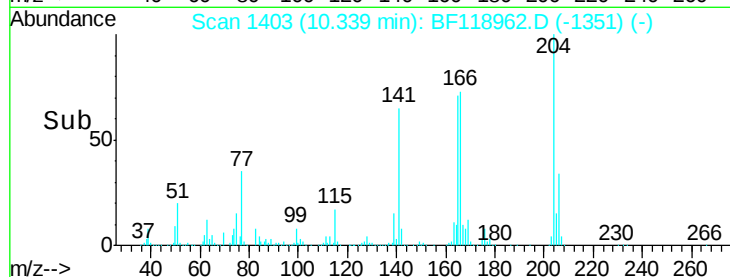
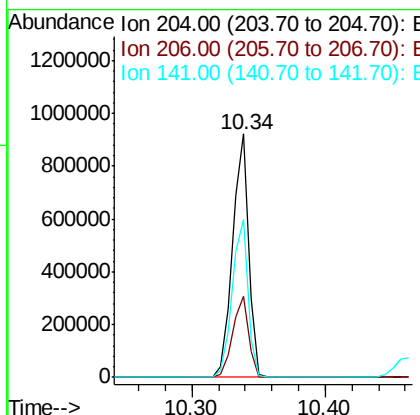
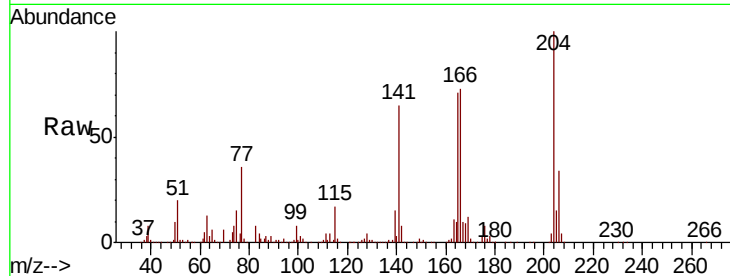
#61
 4-Chlorophenyl-phenylether
 Concen: 73.925 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion:	204	Resp:	785575
Ion Ratio	Lower	Upper	
204	100		
206	33.5	26.5	39.7
141	64.6	49.5	74.3

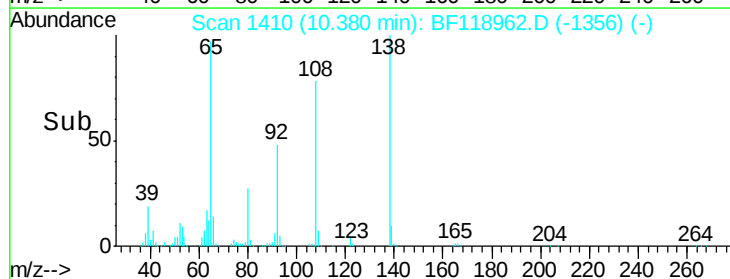
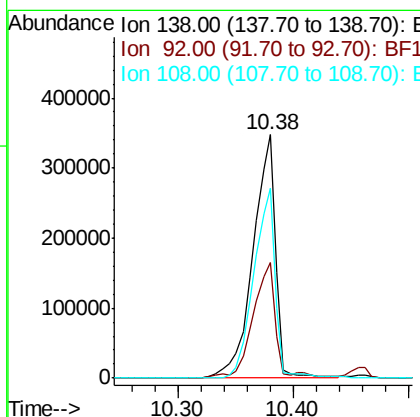
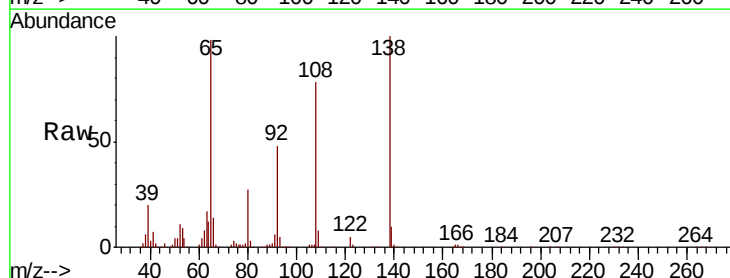
Manual Integrations
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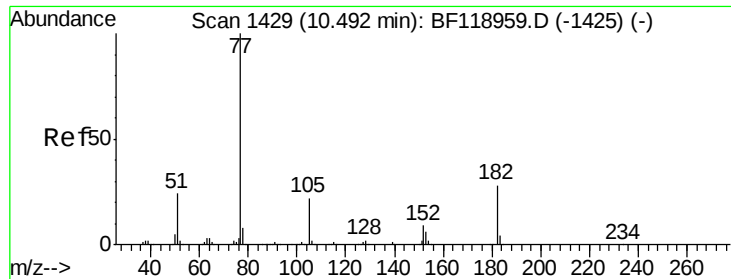
mohammad
 2/21/2020 2:18:45 PM



#62
 4-Nitroaniline
 Concen: 80.272 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.02 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Tgt Ion:	138	Resp:	477426
Ion Ratio	Lower	Upper	
138	100		
92	47.7	28.7	68.7
108	77.8	56.8	96.8





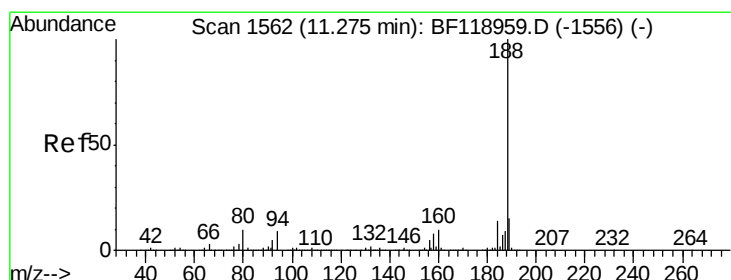
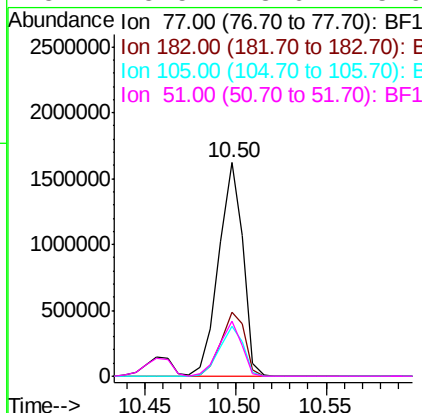
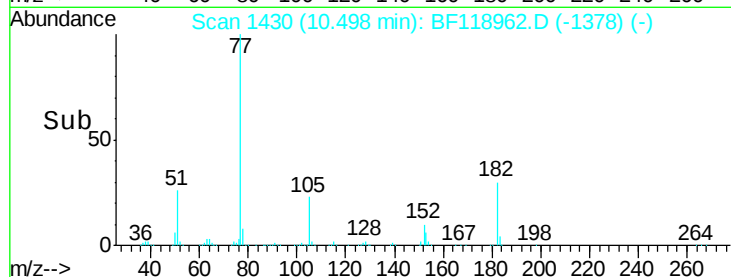
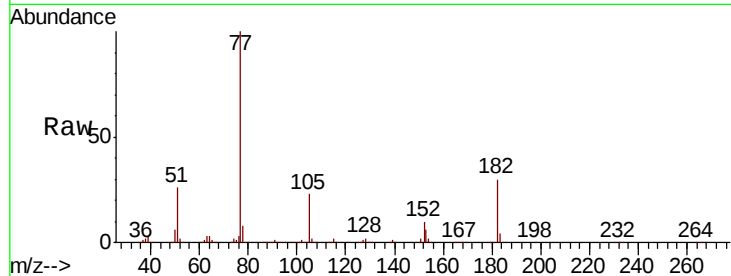
#63
Azobenzene
Concen: 76.780 ng
RT: 10.50 min Scan# 1430
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
77	100		
182	29.7	8.2	48.2
105	23.3	2.3	42.3
51	25.5	3.6	43.6

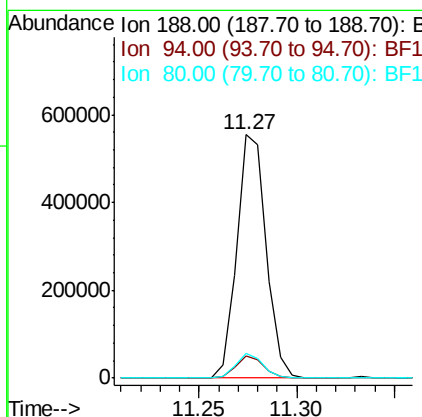
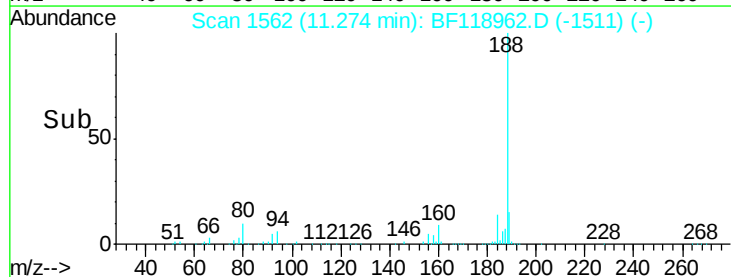
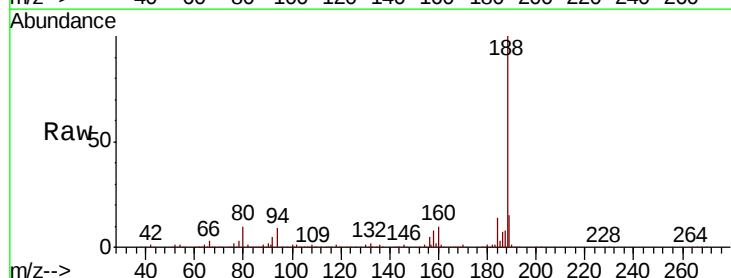
Manual Integrations
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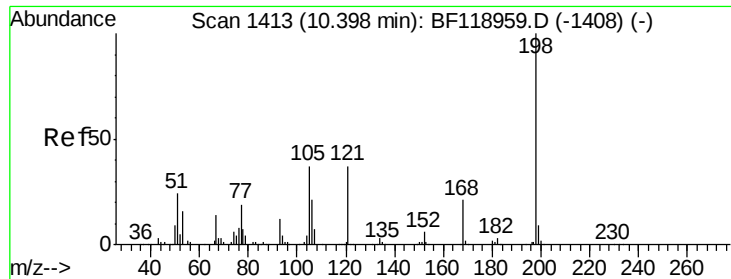
mohammad
2/21/2020 2:18:45 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.0	10.6
80	9.9	7.9	11.9





#65

4,6-Dinitro-2-methylphenol

Concen: 83.325 ng

RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:198 Resp: 295472

Ion Ratio Lower Upper

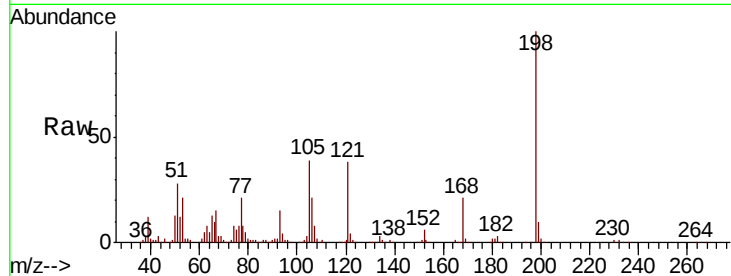
198 100

51 27.8 7.1 47.1

105 38.6 18.3 58.3

Manual Integrations
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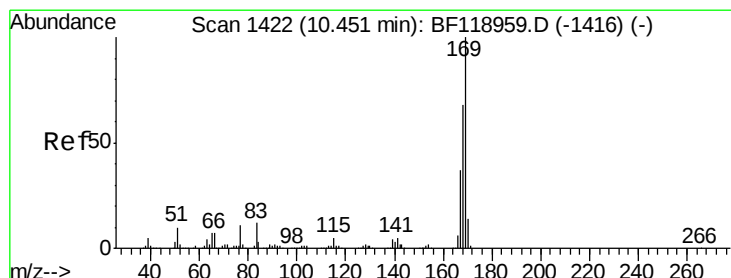
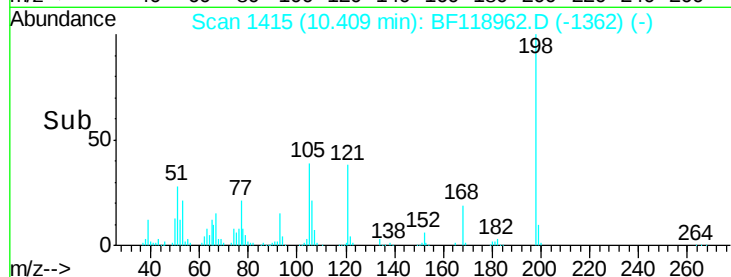
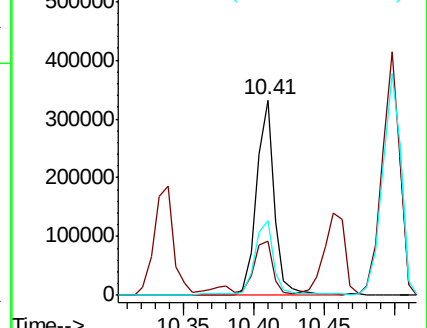
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 77.058 ng

RT: 10.46 min Scan# 1424

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

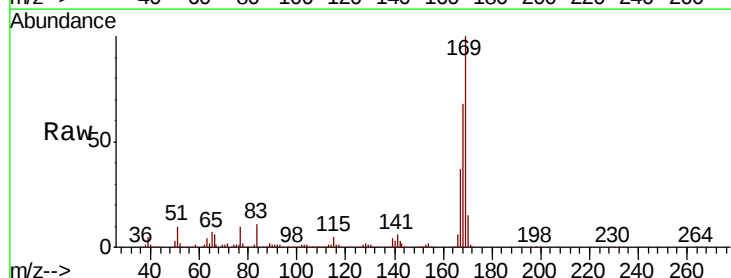
Tgt Ion:169 Resp: 1404148

Ion Ratio Lower Upper

169 100

168 67.7 54.2 81.2

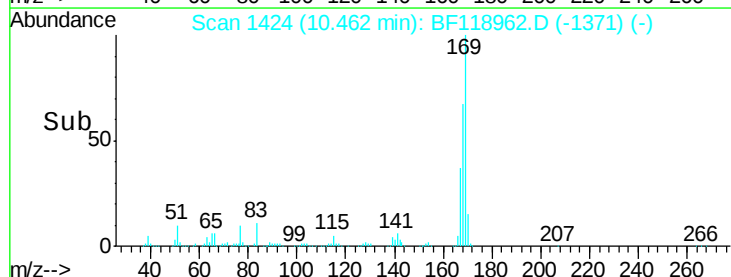
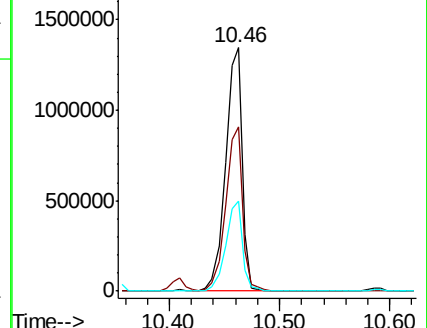
167 37.0 29.4 44.2

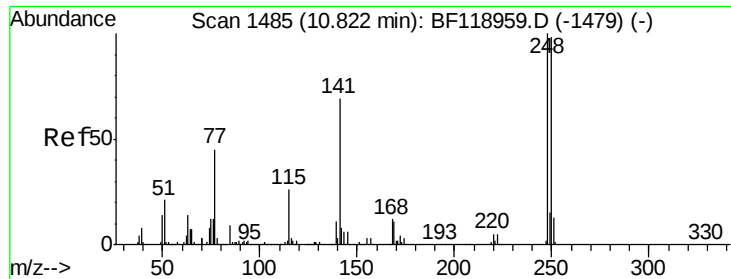


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





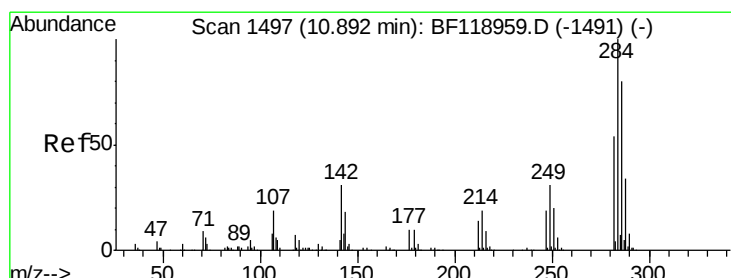
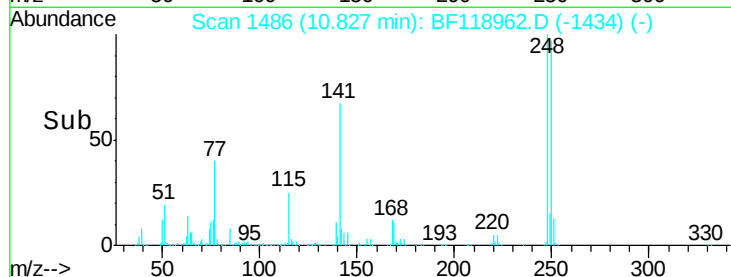
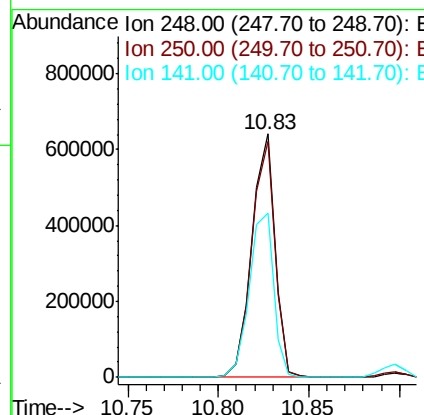
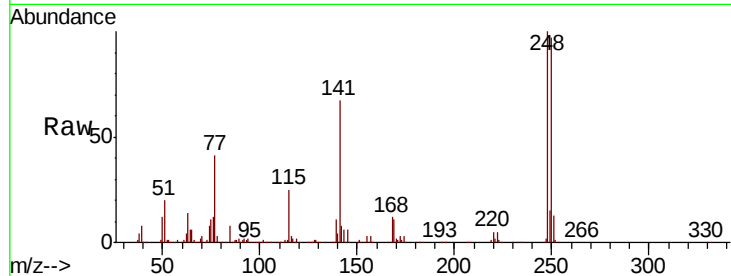
#67
4-Bromophenyl-phenylether
Concen: 77.418 ng
RT: 10.83 min Scan# 1486
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.8	118.2
141	67.5	55.3	82.9

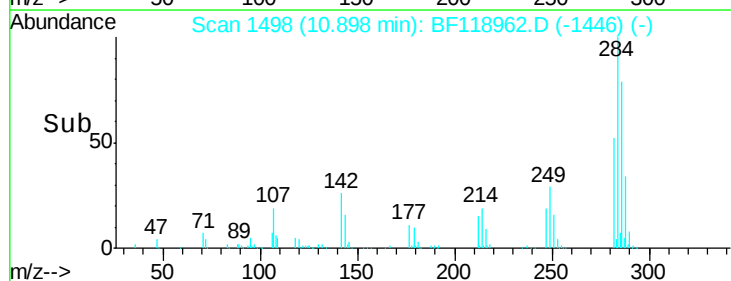
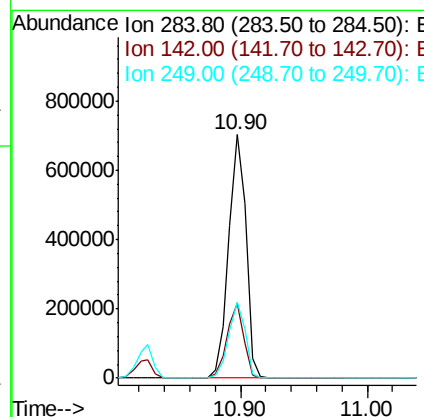
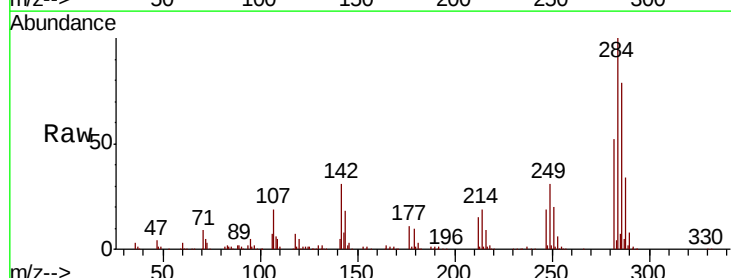
Manual Integrations
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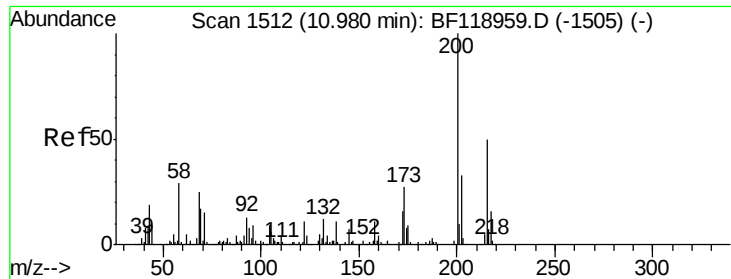
mohammad
2/21/2020 2:18:45 PM



#68
Hexachlorobenzene
Concen: 78.932 ng
RT: 10.90 min Scan# 1498
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.8	25.0	37.6
249	31.3	25.0	37.4





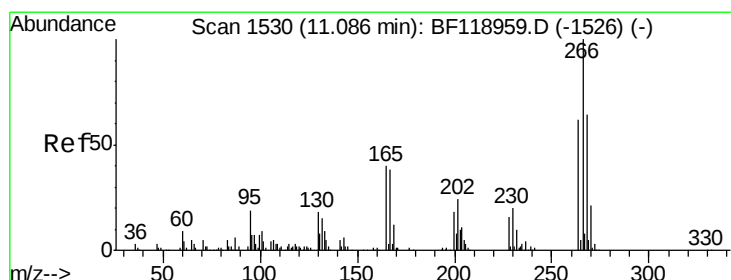
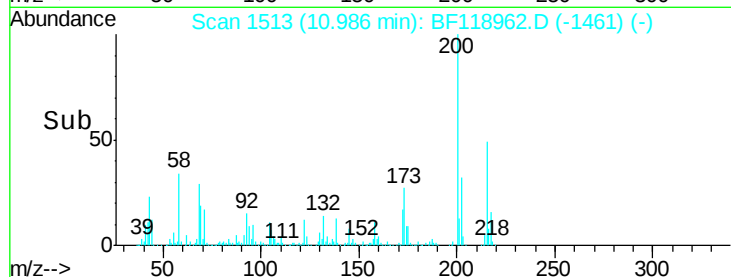
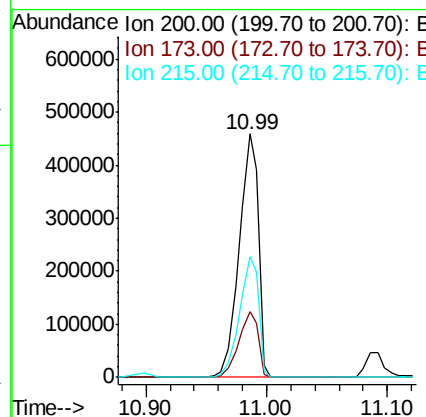
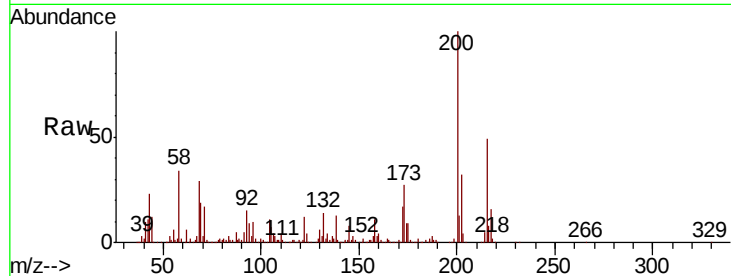
#69
Atrazine
Concen: 83.568 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
200	100	509683		
173	27.0		6.9	46.9
215	49.4		29.7	69.7

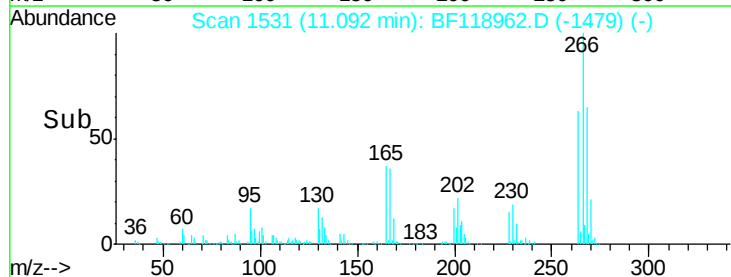
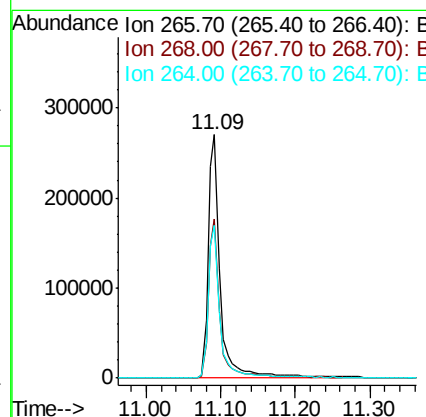
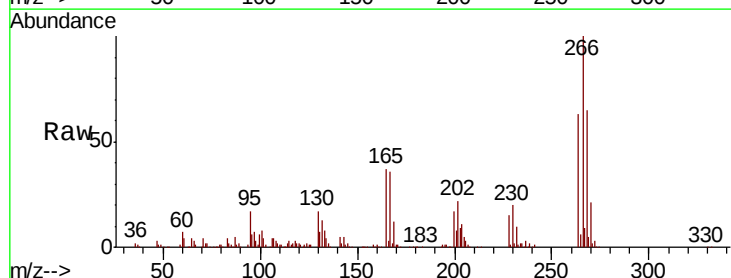
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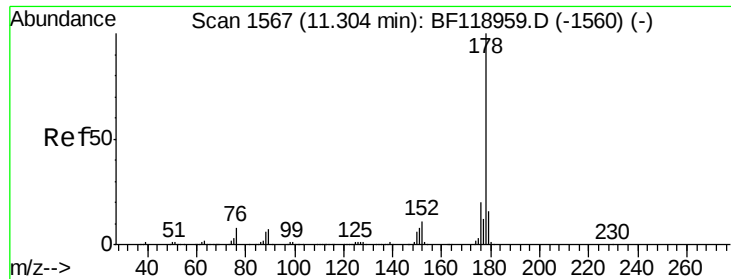
mohammad
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#70
Pentachlorophenol
Concen: 85.359 ng
RT: 11.09 min Scan# 1531
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	309030		
268	65.4		51.4	77.0
264	63.0		49.5	74.3





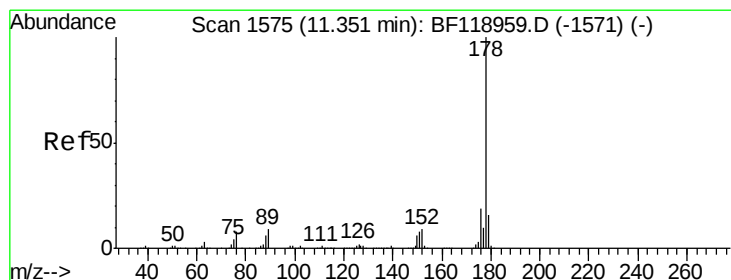
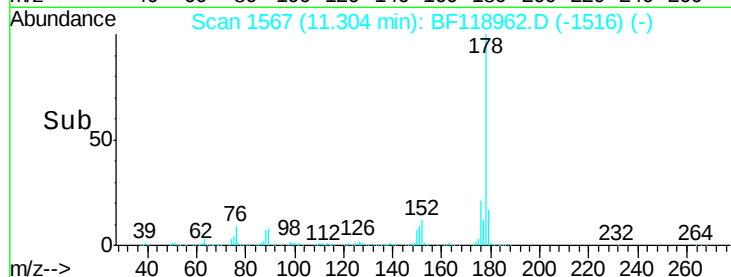
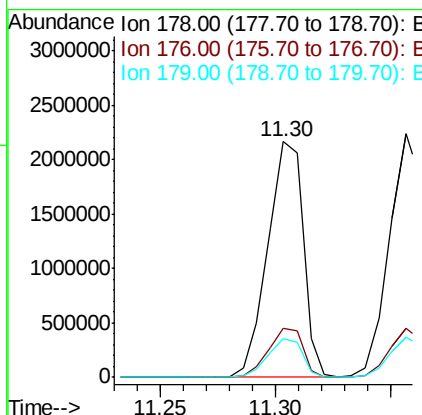
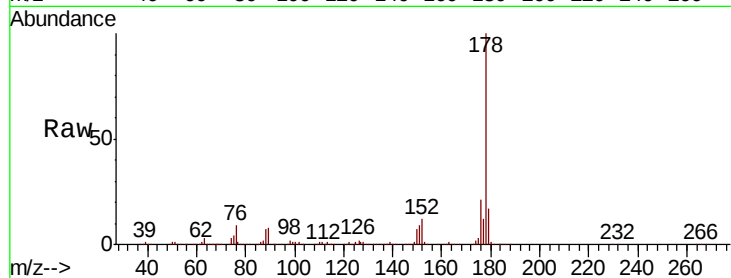
#71
Phenanthrene
Concen: 76.666 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.00 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.6	15.6	23.4	
179	16.5	12.6	18.8	

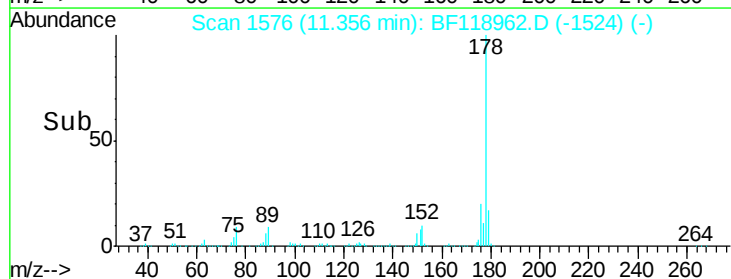
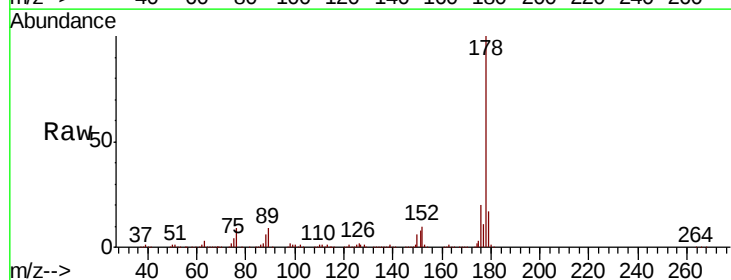
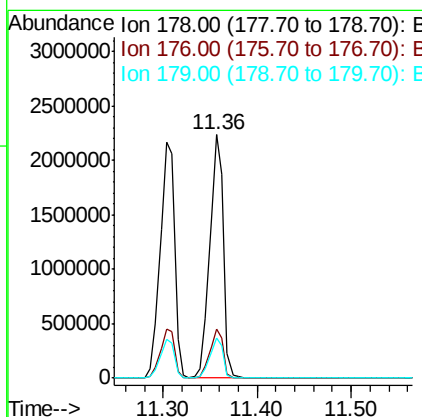
Manual Integrations
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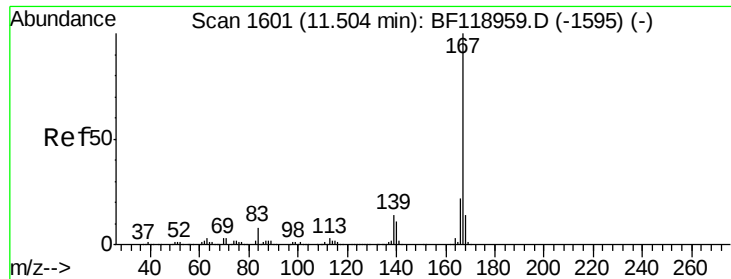
mohammad
2/21/2020 2:18:45 PM



#72
Anthracene
Concen: 76.051 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.1	15.4	23.2	
179	16.6	12.8	19.2	





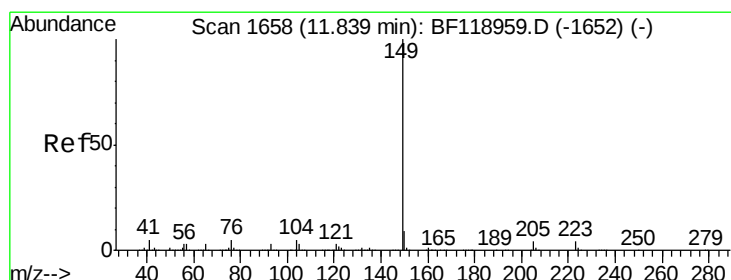
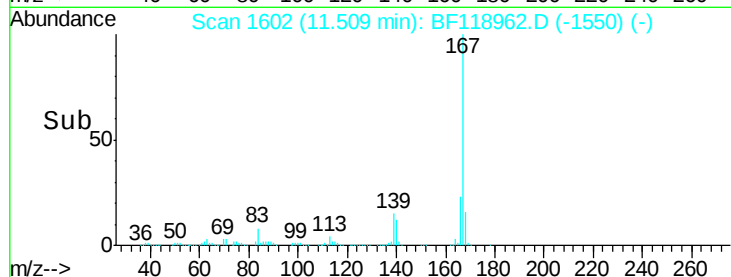
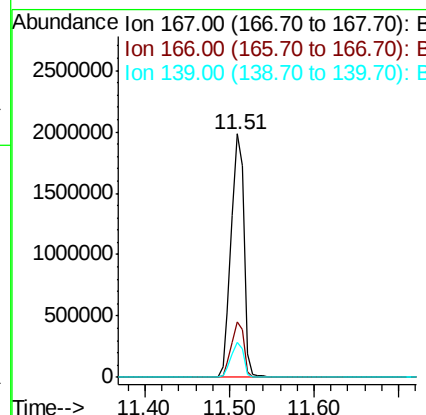
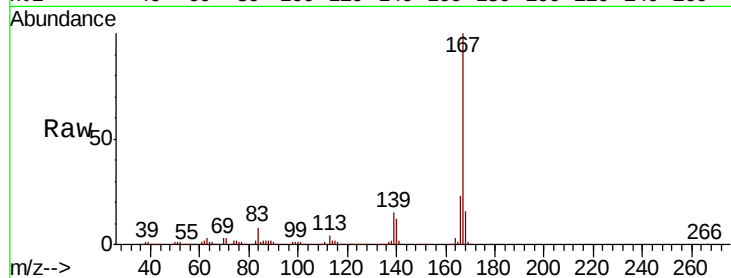
#73
 Carbazole
 Concen: 77.028 ng
 RT: 11.51 min Scan# 1602
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	17.8	26.6
139	14.5	11.2	16.8

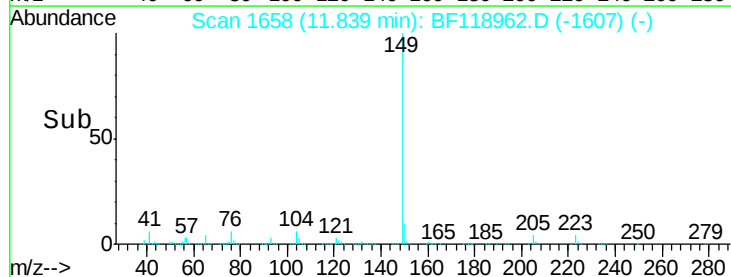
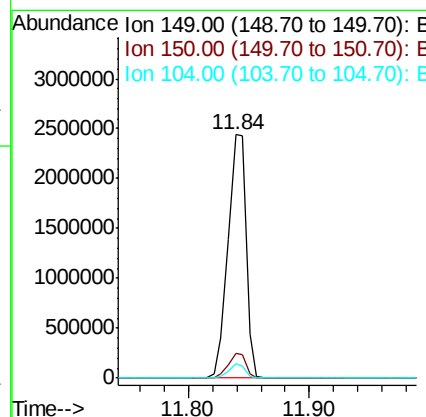
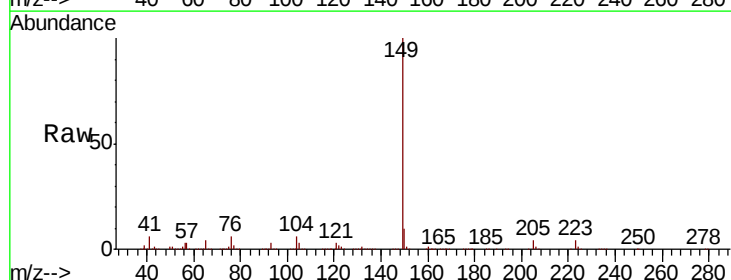
Manual Integrations
 APPROVED

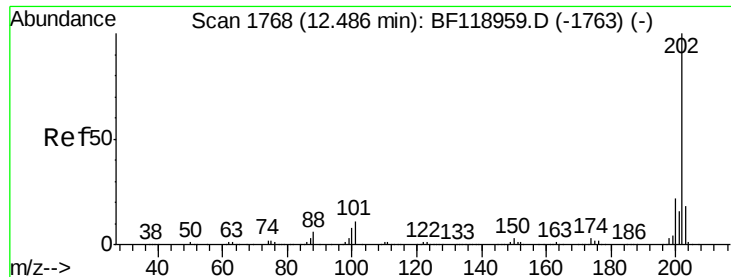
mohammad
 2/21/2020 2:18:45 PM



#74
 Di-n-butylphthalate
 Concen: 73.875 ng
 RT: 11.84 min Scan# 1658
 Delta R.T. -0.00 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.5	11.3
104	5.8	4.0	6.0





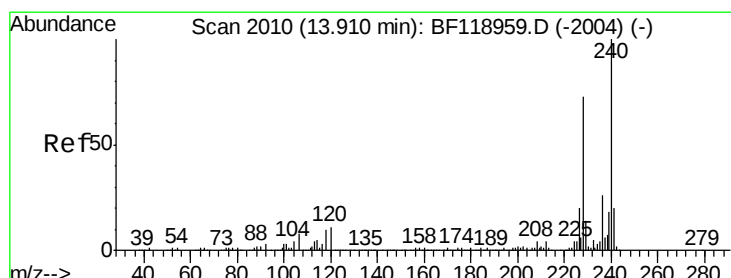
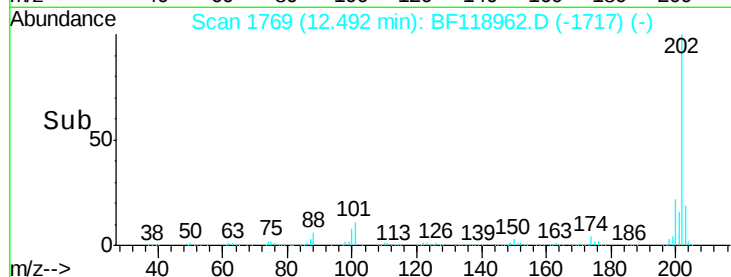
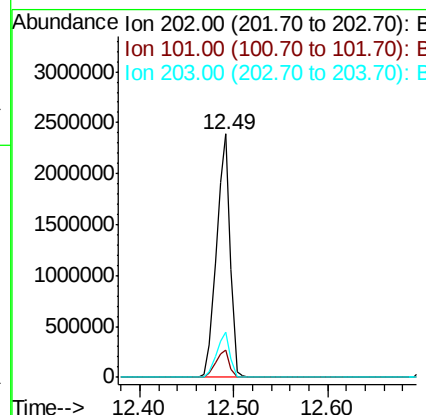
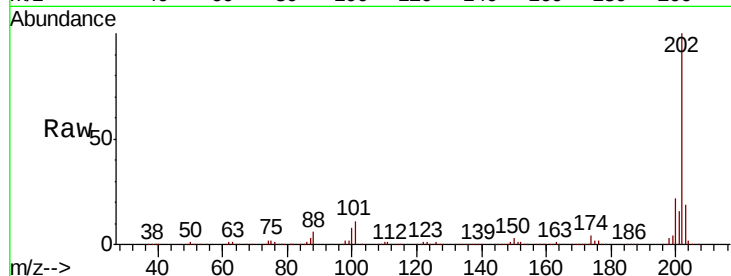
#75
Fluoranthene
Concen: 72.578 ng
RT: 12.49 min Scan# 1769
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.0	0.0	31.1
203	18.5	0.0	38.1

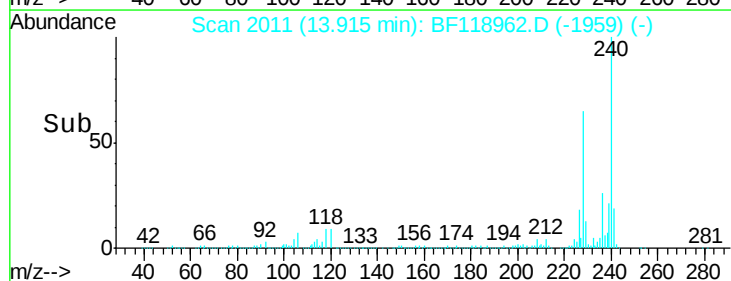
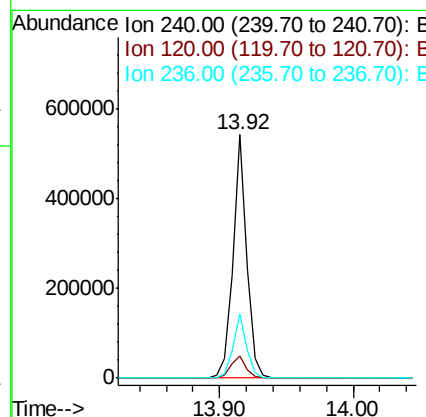
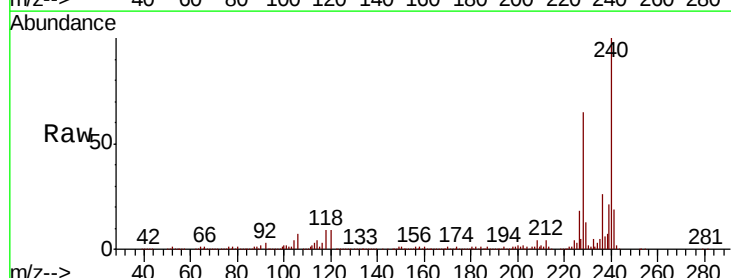
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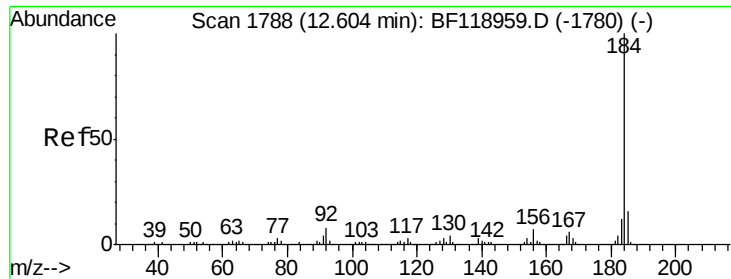
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2011
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	8.9	13.3
236	26.5	20.6	30.8





#77

Benzidine

Concen: 96.935 ng

RT: 12.61 min Scan# 1789

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:184 Resp: 1225810

Ion Ratio Lower Upper

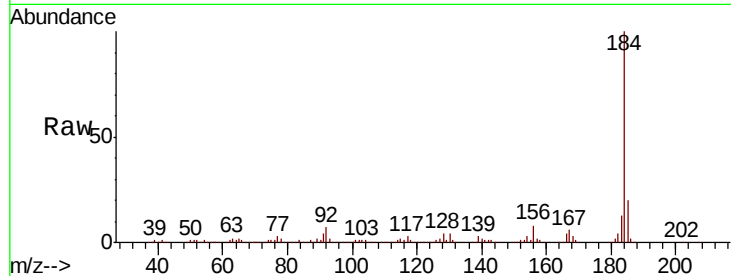
184 100

185 19.7 12.6 19.0#

183 12.6 9.9 14.9

Manual Integrations
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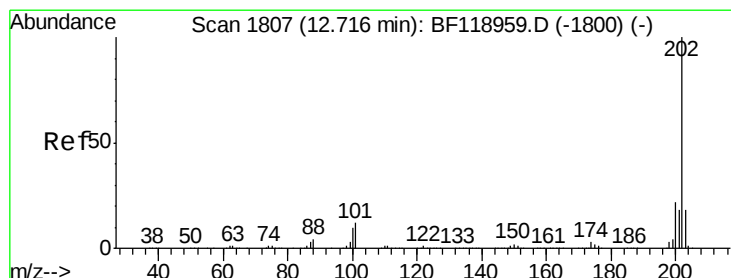
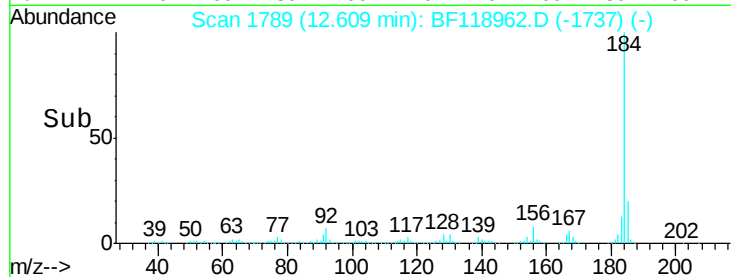
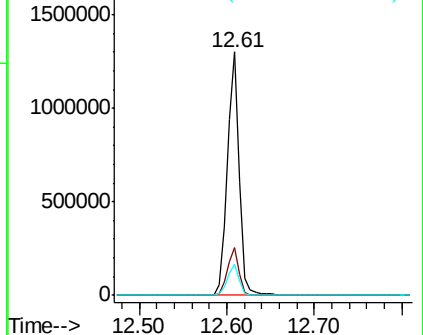
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 86.275 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Tgt Ion:202 Resp: 2459228

Ion Ratio Lower Upper

202 100

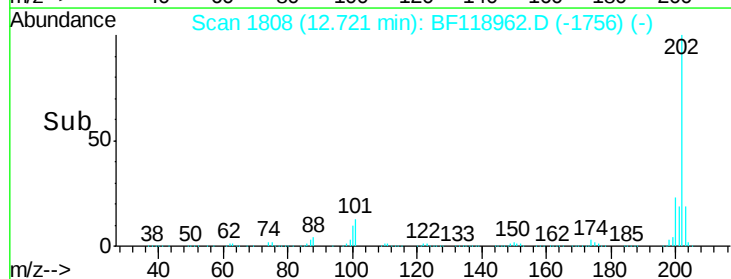
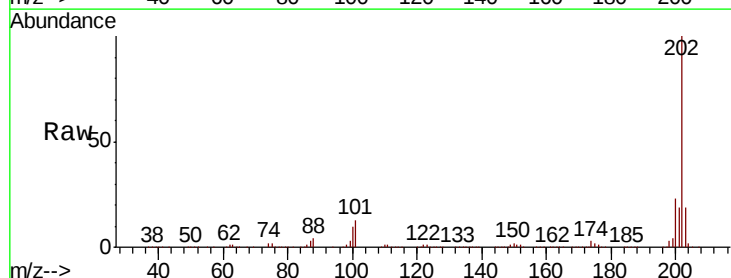
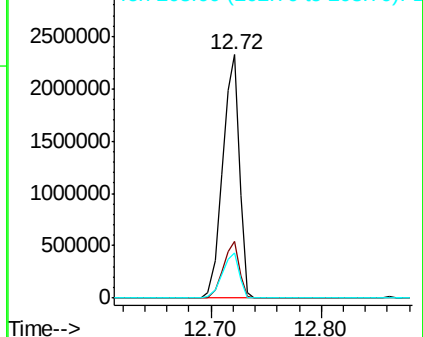
200 23.2 17.4 26.0

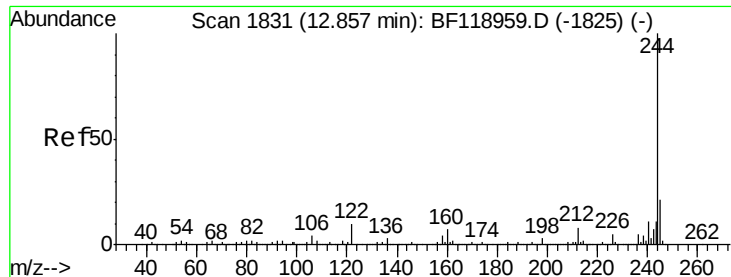
203 18.6 14.5 21.7

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





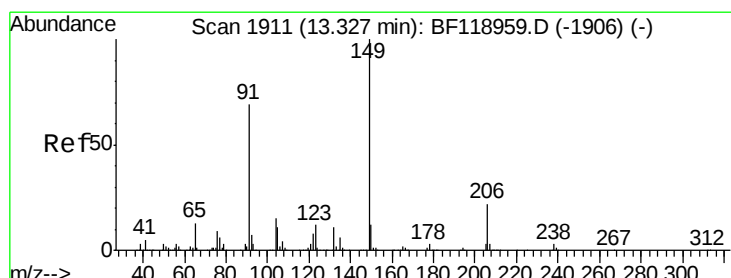
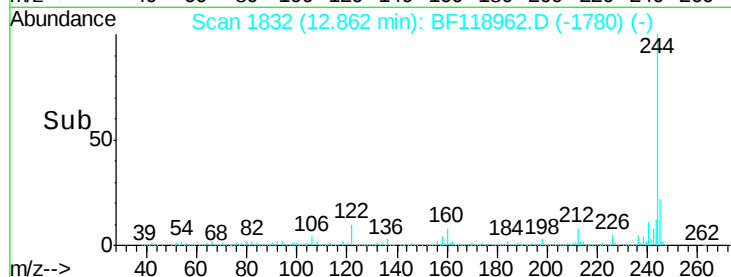
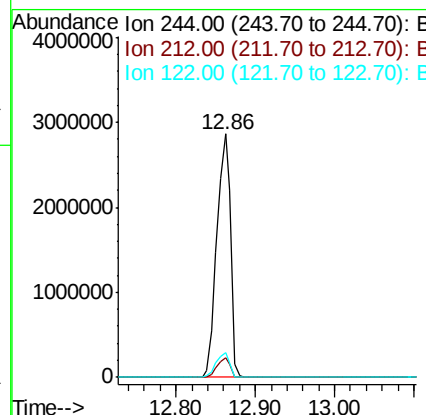
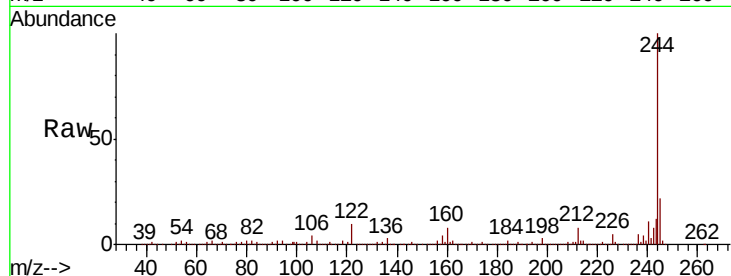
#79
 Terphenyl-d14
 Concen: 170.820 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	10.2	8.4	12.6

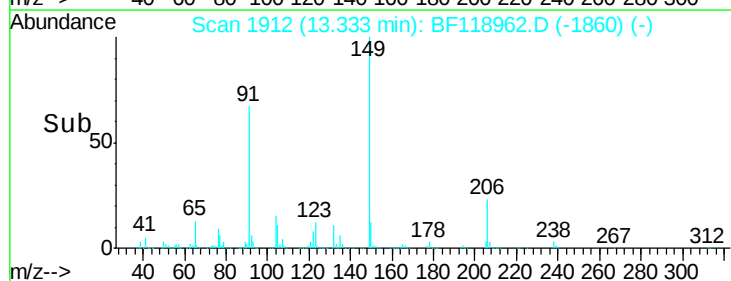
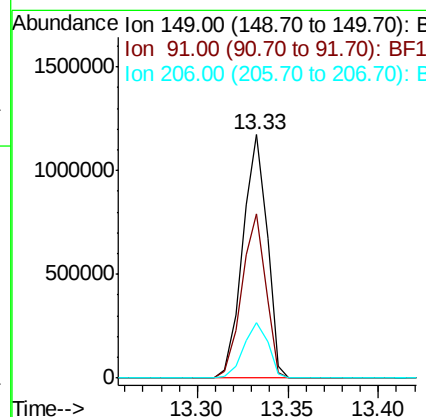
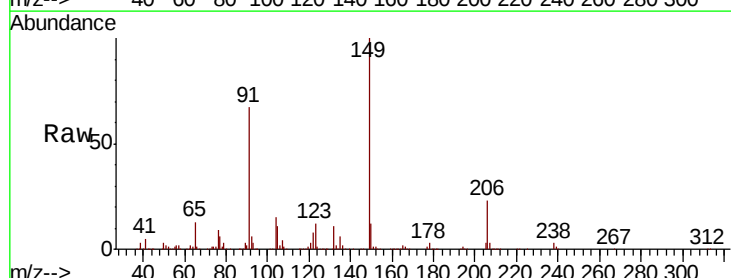
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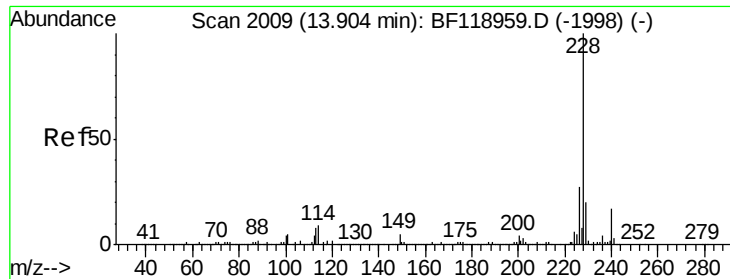
mohammad
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#80
 Butylbenzylphthalate
 Concen: 87.525 ng
 RT: 13.33 min Scan# 1912
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	55.4	83.2
206	22.7	17.7	26.5





#81

Benzo(a)anthracene

Concen: 84.992 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.00 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tot Ion:228 Resp: 2057191

Ion Ratio Lower Upper

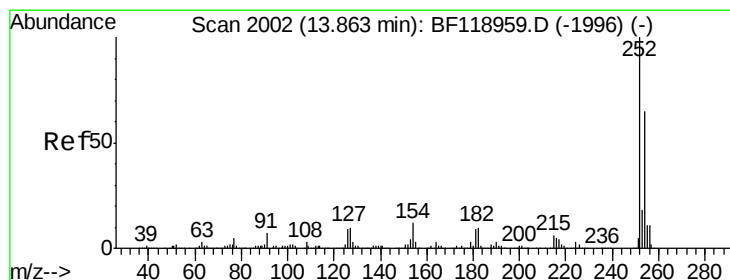
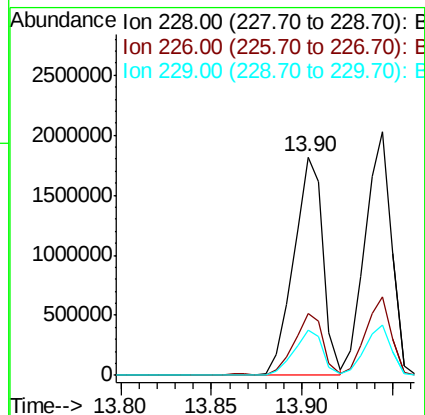
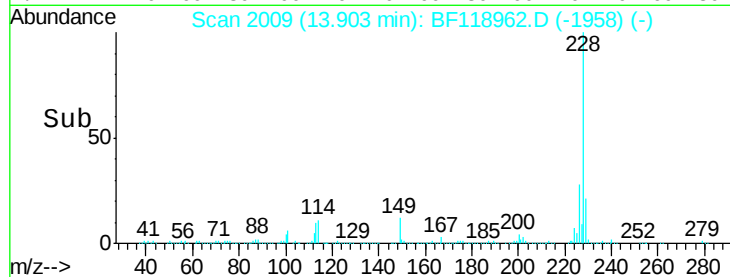
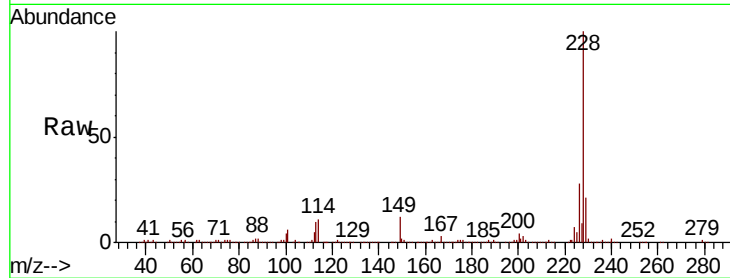
228 100

226 28.3 21.8 32.8

229 20.6 16.0 24.0

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#82

3,3'-Dichlorobenzidine

Concen: 86.051 ng

RT: 13.87 min Scan# 2003

Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

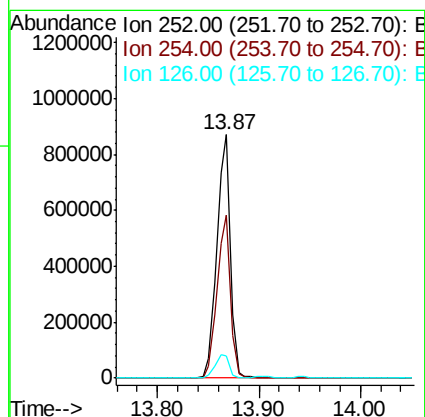
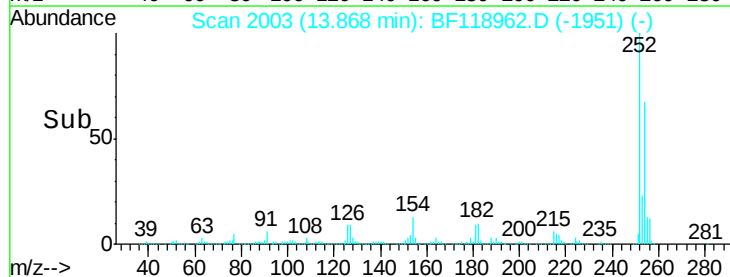
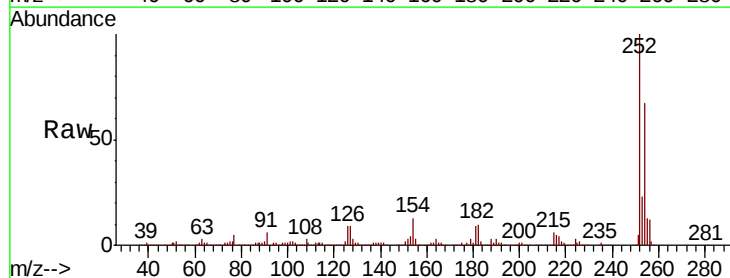
Tgt Ion:252 Resp: 810464

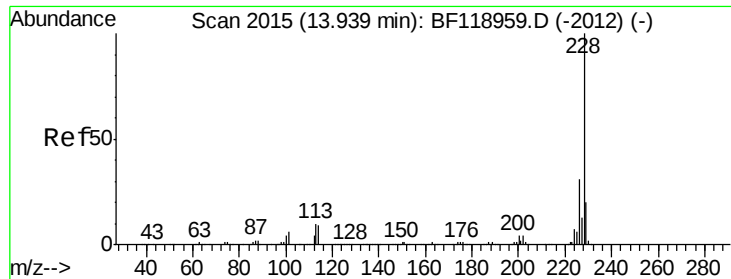
Ion Ratio Lower Upper

252 100

254 66.8 52.1 78.1

126 8.9 7.3 10.9





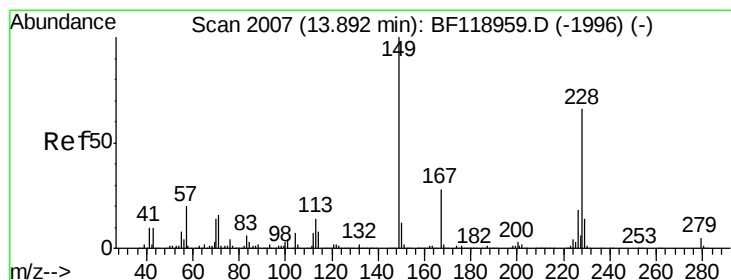
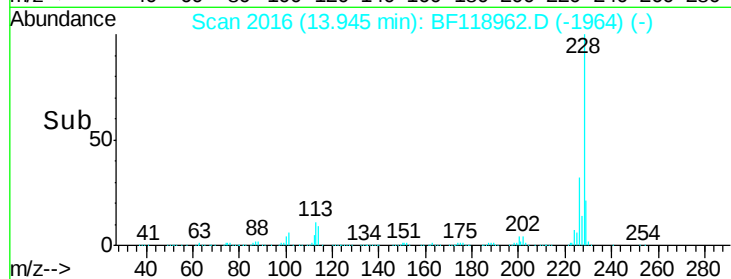
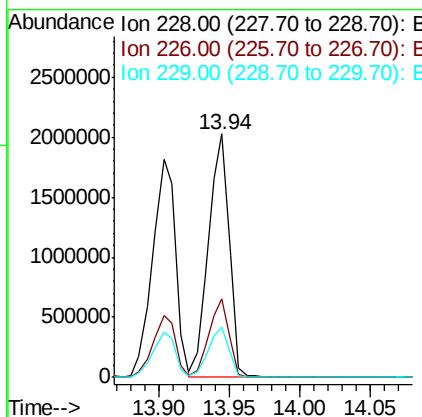
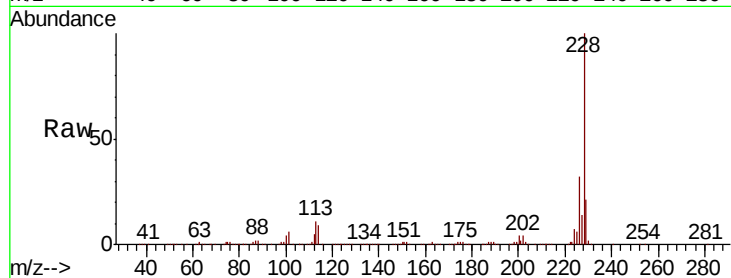
#83
 Chrysene
 Concen: 85.022 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Instrument :
 BNA_F
 ClientSampleID :
 SSTDICC080

Tot Ion:228 Resp: 2063113
 Ion Ratio Lower Upper
 228 100
 226 32.2 24.6 37.0
 229 20.8 16.2 24.2

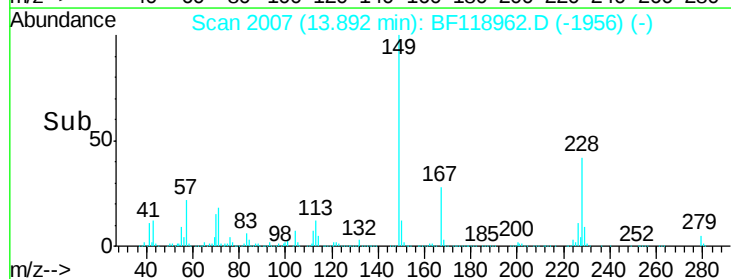
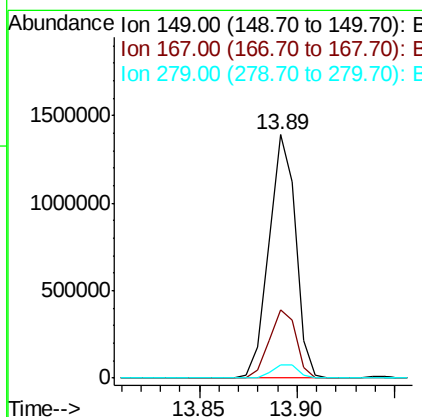
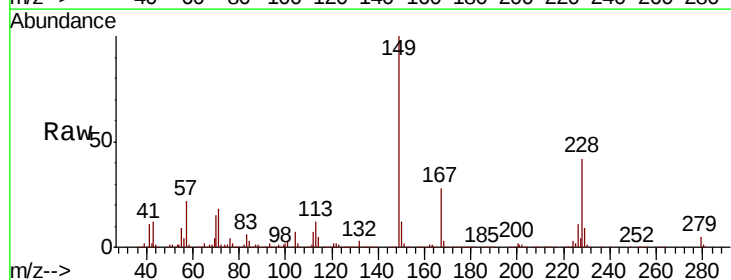
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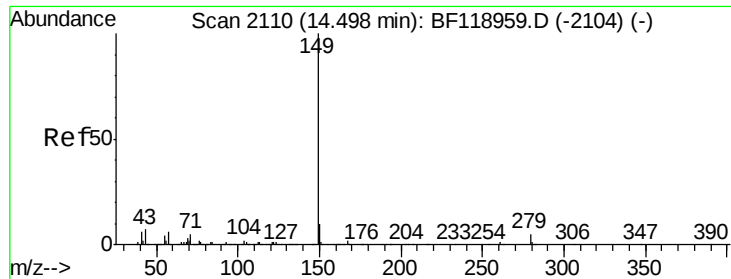
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 83.193 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BF118962.D
 Acq: 20 Feb 2020 15:59

Tgt Ion:149 Resp: 1316767
 Ion Ratio Lower Upper
 149 100
 167 28.2 22.3 33.5
 279 5.4 4.2 6.4





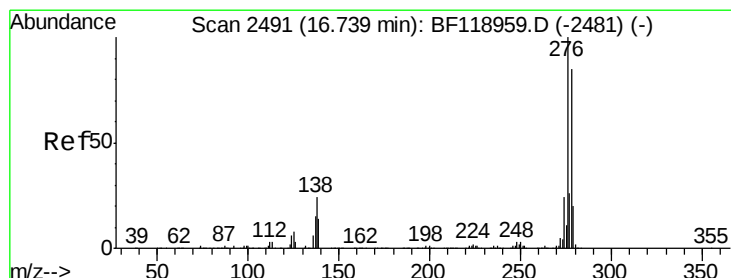
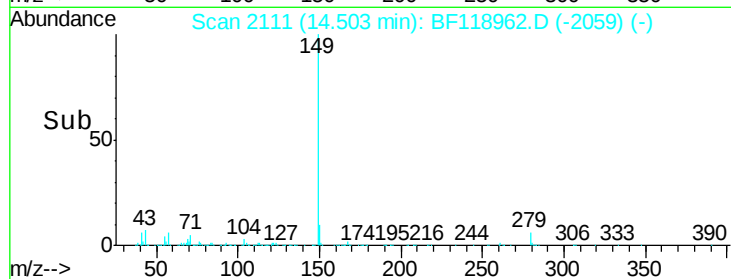
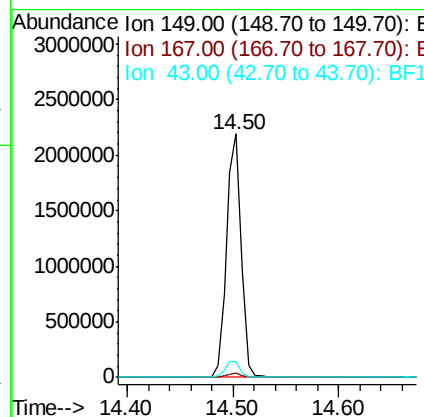
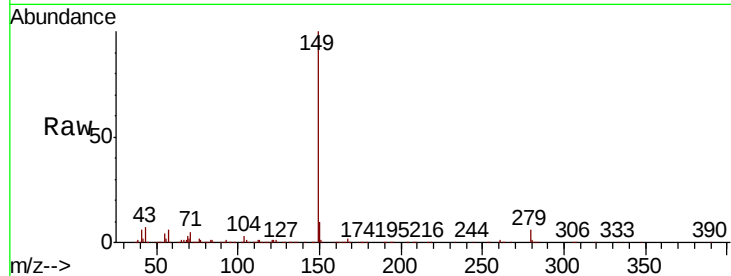
#85
Di-n-octyl phthalate
Concen: 83.261 ng
RT: 14.50 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.8	5.2	7.8

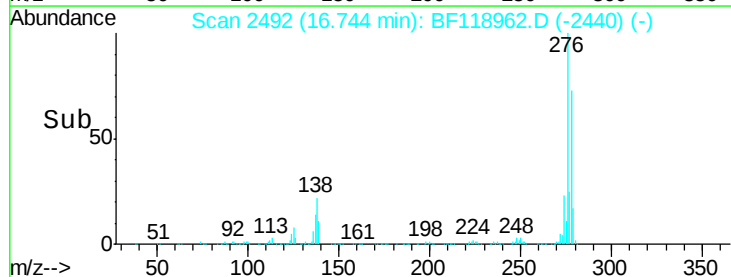
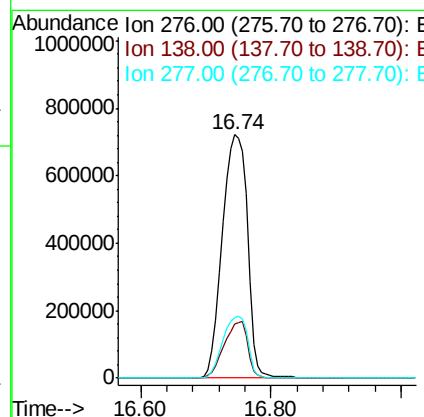
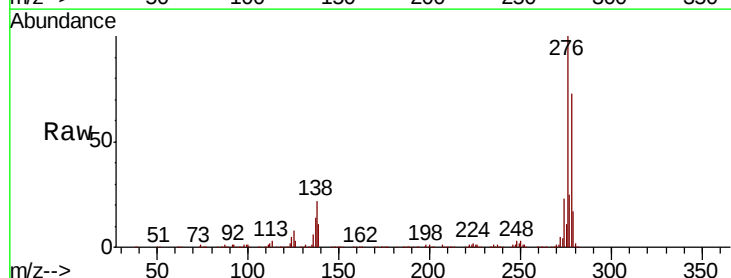
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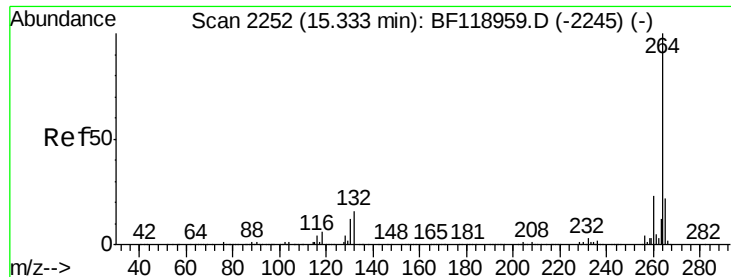
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 81.180 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.9	18.7	28.1
277	25.3	20.3	30.5





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.00 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Instrument :

BNA_F

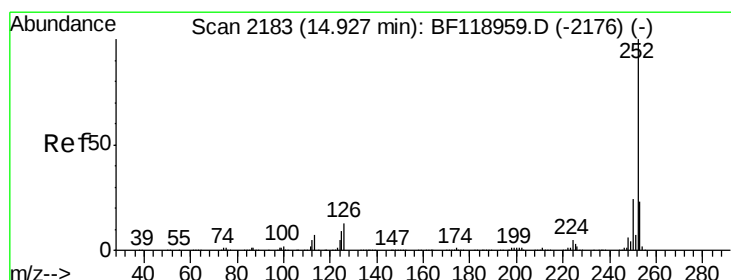
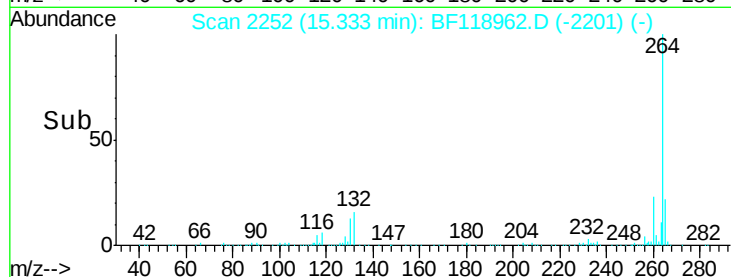
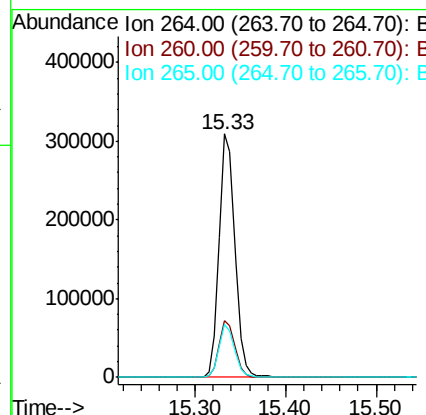
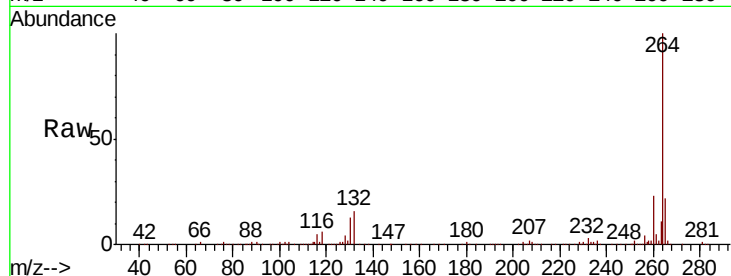
ClientSampleId :

SSTDICC080

Tot Ion:	264	Resp:	375697
Ion Ratio	Lower	Upper	
264	100		
260	23.1	18.6	28.0
265	21.8	17.3	25.9

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 77.538 ng

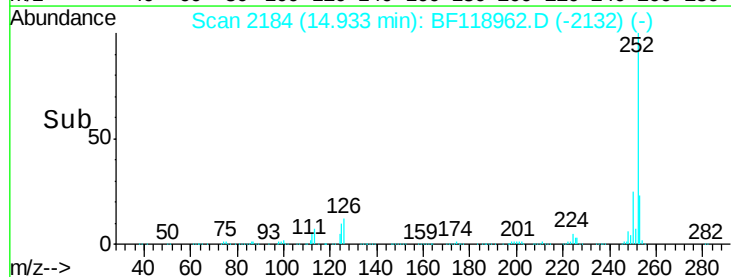
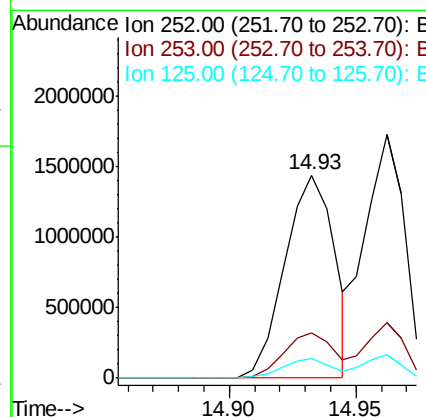
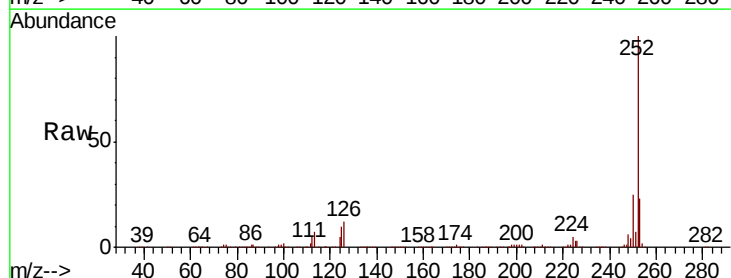
RT: 14.93 min Scan# 2184

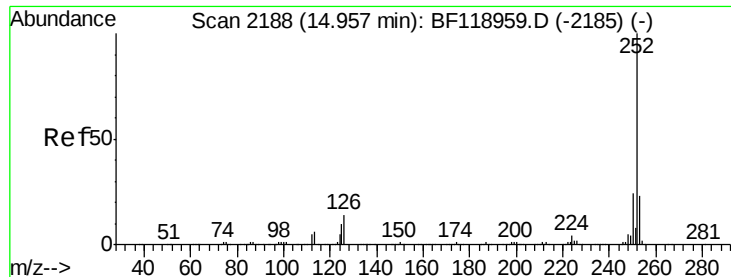
Delta R.T. 0.01 min

Lab File: BF118962.D

Acq: 20 Feb 2020 15:59

Tgt Ion:	252	Resp:	1963777
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	9.6	7.4	11.0





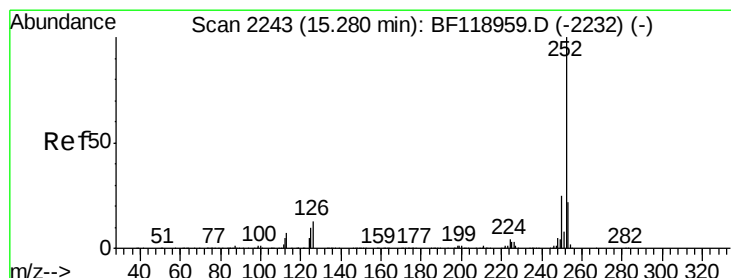
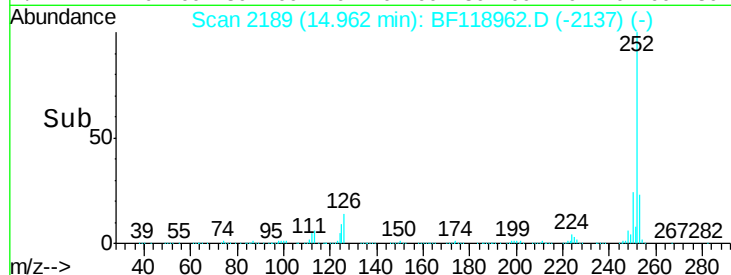
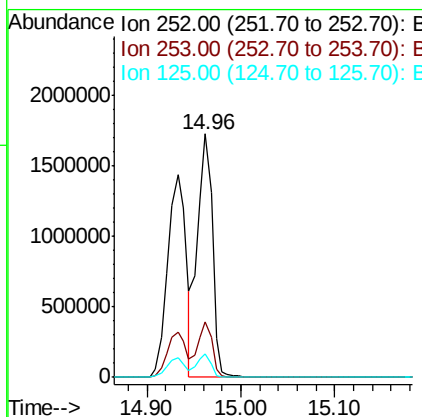
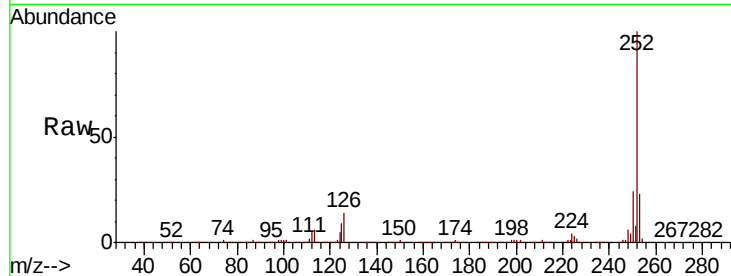
#89
Benzo(k)fluoranthene
Concen: 84.788 ng
RT: 14.96 min Scan# 2189
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	9.5	7.3	10.9

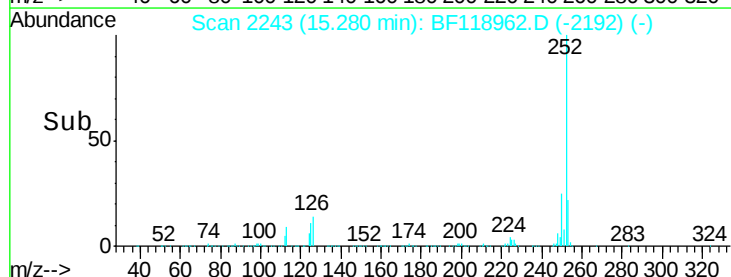
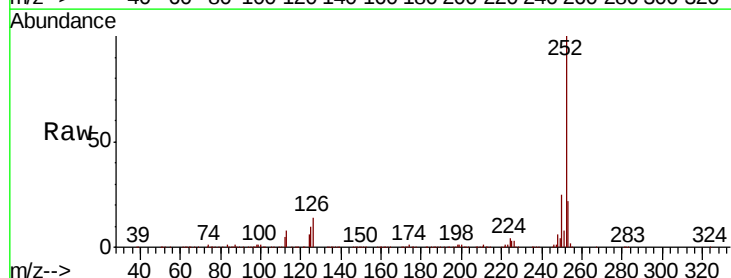
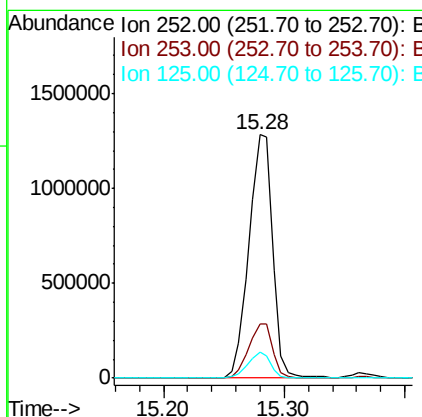
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#90
Benzo(a)pyrene
Concen: 80.882 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.00 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.5	7.8	11.6





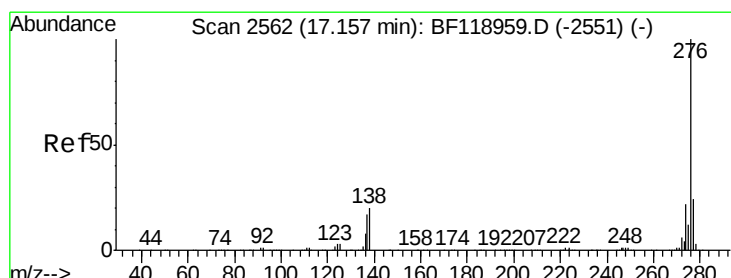
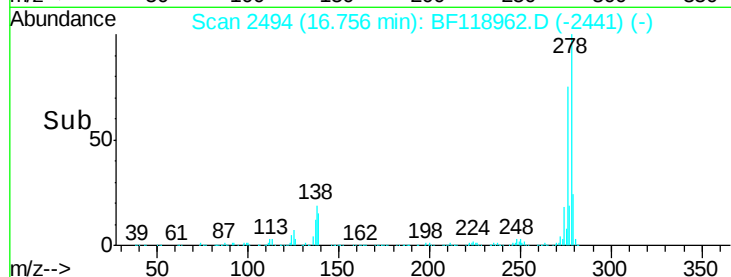
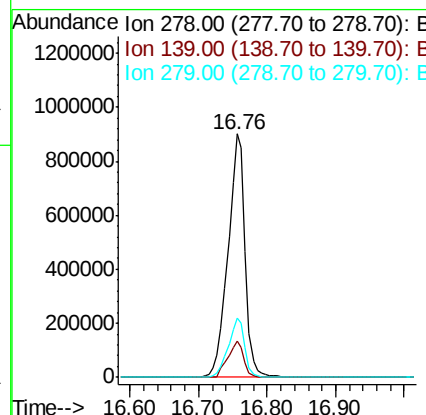
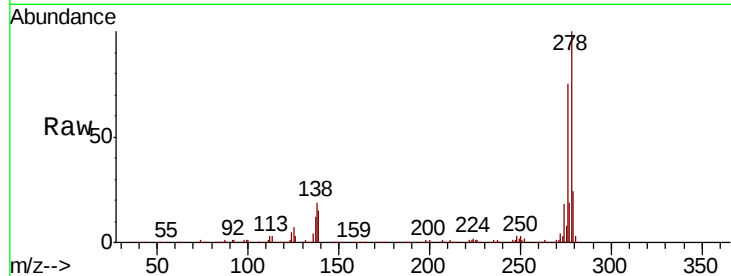
#91
Dibenzo(a,h)anthracene
Concen: 79.012 ng
RT: 16.76 min Scan# 2494
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tot Ion:278 Resp: 1562569
Ion Ratio Lower Upper
278 100
139 14.7 12.6 18.8
279 24.3 19.0 28.6

Manual Integrations
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2/21/2020 2:18:45 PM



#92
Benzo(g,h,i)perylene
Concen: 81.252 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.01 min
Lab File: BF118962.D
Acq: 20 Feb 2020 15:59

Tgt Ion:276 Resp: 1585449
Ion Ratio Lower Upper
276 100
277 24.2 19.2 28.8
138 19.2 16.2 24.4

