

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040620\
 Data File : BF119770.D
 Acq On : 6 Apr 2020 14:31
 Operator : MA/SJ
 Sample : PB128016BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Manual Integrations
 APPROVED

mohammad
 4/8/2020 8:12:23 AM

Quant Time: Apr 06 15:02:28 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 06 11:15:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	147887	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	570342	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	292349	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	588412	20.00	ng	0.00
76) Chrysene-d12	13.96	240	426455	20.00	ng	0.00
87) Perylene-d12	15.40	264	468344	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.40	112	1258556	135.48	ng	0.02
7) Phenol-d6	6.42	99	1554527	130.99	ng	0.00
23) Nitrobenzene-d5	7.35	82	952136	90.73	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	468306	155.27	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1850382	93.77	ng	0.00
79) Terphenyl-d14	12.90	244	2112358	97.05	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.55	88	163905	35.723	ng	98
3) Pyridine	3.27	79	456394	36.106	ng	97
4) n-Nitrosodimethylamine	3.22	42	262686	42.615	ng	99
6) Aniline	6.45	93	532983	32.541	ng	98
8) 2-Chlorophenol	6.57	128	503175	51.570	ng	96
9) Benzaldehyde	6.33	77	241690	32.105	ng	99
10) Phenol	6.43	94	617095	48.734	ng	97
11) bis(2-Chloroethyl)ether	6.52	93	460908	45.511	ng	98
12) 1,3-Dichlorobenzene	6.72	146	488858	46.293	ng	97
13) 1,4-Dichlorobenzene	6.80	146	511529	48.428	ng	98
14) 1,2-Dichlorobenzene	6.95	146	466735	47.274	ng	99
15) Benzyl Alcohol	6.93	79	398324	44.621	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	860471	42.123	ng	99
17) 2-Methylphenol	7.04	107	386135	43.193	ng	100
18) Hexachloroethane	7.30	117	183478	47.399	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	330053	46.142	ng	99
20) 3+4-Methylphenols	7.19	107	495401	45.217	ng	# 82
22) Acetophenone	7.19	105	649382	47.650	ng	# 86
24) Nitrobenzene	7.37	77	501257	44.695	ng	98
25) Isophorone	7.61	82	917915	43.119	ng	100
26) 2-Nitrophenol	7.69	139	267562	60.592	ng	# 87
27) 2,4-Dimethylphenol	7.72	122	410659	44.975	ng	95
28) bis(2-Chloroethoxy)methane	7.82	93	582618	46.283	ng	99
29) 2,4-Dichlorophenol	7.93	162	400944	47.790	ng	98
30) 1,2,4-Trichlorobenzene	8.01	180	443739	47.826	ng	98
31) Naphthalene	8.09	128	1378932	46.982	ng	99
32) Benzoic acid	7.85	122	335074	57.049	ng	95
33) 4-Chloroaniline	8.14	127	297062	22.088	ng	98
34) Hexachlorobutadiene	8.21	225	246750	47.532	ng	98
35) Caprolactam	8.50	113	124818m	45.458	ng	
36) 4-Chloro-3-methylphenol	8.63	107	437351	47.695	ng	100
37) 2-Methylnaphthalene	8.79	142	918472	47.682	ng	98
38) 1-Methylnaphthalene	8.89	142	861922	47.275	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	409747	47.817	ng	99

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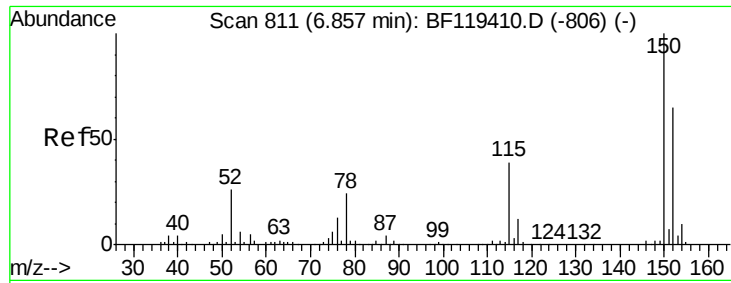
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	506154	103.899	nq	100
43) 2,4,6-Trichlorophenol	9.06	196	295592	48.204	nq	97
44) 2,4,5-Trichlorophenol	9.10	196	318031	46.297	nq	95
46) 1,1'-Biphenyl	9.25	154	1125738	47.279	nq	97
47) 2-Chloronaphthalene	9.27	162	894670	47.969	nq	99
48) 2-Nitroaniline	9.37	65	310864	48.289	nq	98
49) Acenaphthylene	9.69	152	1360505	46.451	nq	98
50) Dimethylphthalate	9.56	163	993096	47.824	nq	98
51) 2,6-Dinitrotoluene	9.62	165	237975	53.466	nq	95
52) Acenaphthene	9.86	154	839140	45.958	nq	99
53) 3-Nitroaniline	9.78	138	165715	29.490	nq	93
54) 2,4-Dinitrophenol	9.89	184	272074	135.697	nq	93
55) Dibenzofuran	10.03	168	1254235	47.910	nq	100
56) 4-Nitrophenol	9.95	139	415615	93.757	nq	87
57) 2,4-Dinitrotoluene	10.02	165	312281	55.694	nq	100
58) Fluorene	10.38	166	956641	49.416	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.15	232	274121	53.385	nq	98
60) Diethylphthalate	10.26	149	1030397	48.890	nq	99
61) 4-Chlorophenyl-phenylether	10.37	204	464444	49.060	nq	99
62) 4-Nitroaniline	10.40	138	249555	46.312	nq	98
63) Azobenzene	10.53	77	975837	45.979	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	180990	73.353	nq	99
66) n-Nitrosodiphenylamine	10.49	169	874037	45.248	nq	99
67) 4-Bromophenyl-phenylether	10.86	248	297370	44.375	nq	93
68) Hexachlorobenzene	10.93	284	325107	47.401	nq	93
69) Atrazine	11.02	200	259598	49.021	nq	97
70) Pentachlorophenol	11.12	266	378888	94.214	nq	98
71) Phenanthrene	11.34	178	1466094	48.052	nq	98
72) Anthracene	11.39	178	1521118	49.054	nq	98
73) Carbazole	11.55	167	1401850	45.673	nq	98
74) Di-n-butylphthalate	11.88	149	1562983	47.603	nq	99
75) Fluoranthene	12.53	202	1535814	46.512	nq	99
77) Benzidine	12.65	184	683619	37.879	nq	98
78) Pyrene	12.76	202	1568268	44.809	nq	98
80) Butylbenzylphthalate	13.38	149	664651	46.954	nq	100
81) Benzo(a)anthracene	13.94	228	1288518	46.464	nq	100
82) 3,3'-Dichlorobenzidine	13.91	252	364138	33.302	nq	98
83) Chrysene	13.99	228	1316236	45.990	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	872094	51.681	nq	99
85) Di-n-octyl phthalate	14.55	149	1547670	52.150	nq	99
86) Indeno(1,2,3-cd)pyrene	16.83	276	1548310	57.441	nq	98
88) Benzo(b)fluoranthene	14.98	252	1439180	46.002	nq	97
89) Benzo(k)fluoranthene	15.02	252	1274575	42.785	nq	99
90) Benzo(a)pyrene	15.34	252	1261430	44.367	nq	98
91) Dibenzo(a,h)anthracene	16.85	278	1265541	50.890	nq	98
92) Benzo(g,h,i)perylene	17.26	276	1290409	51.651	nq	97

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



#1

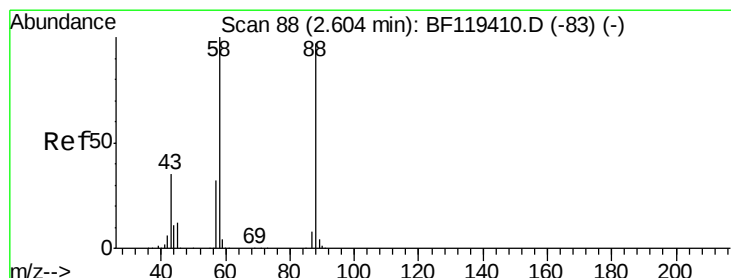
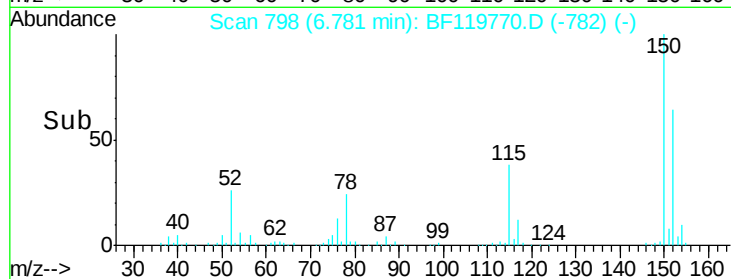
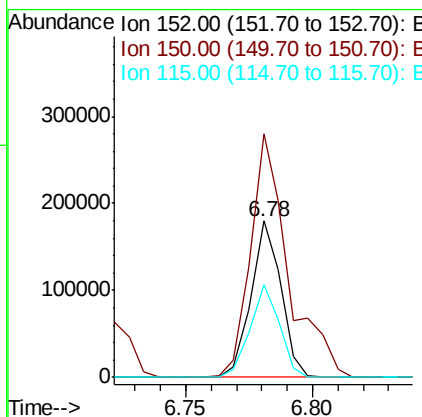
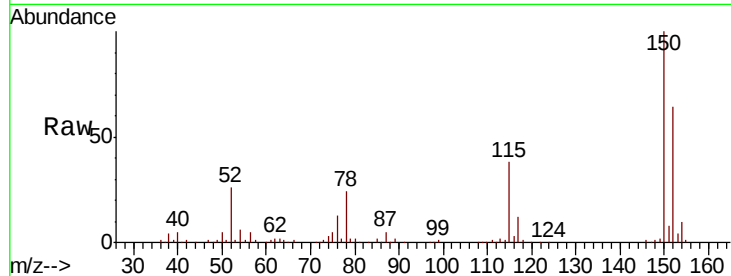
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	124.5	186.7
115	59.3	49.6	74.4

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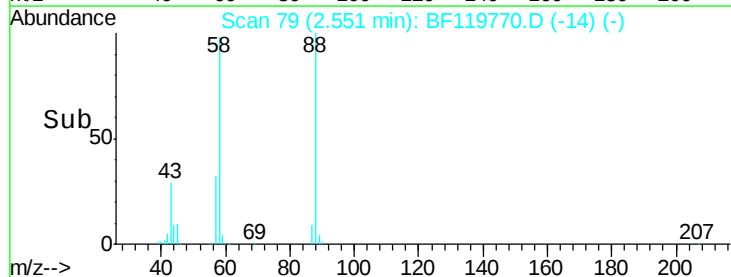
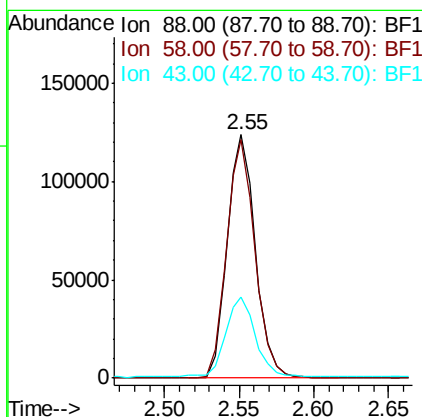
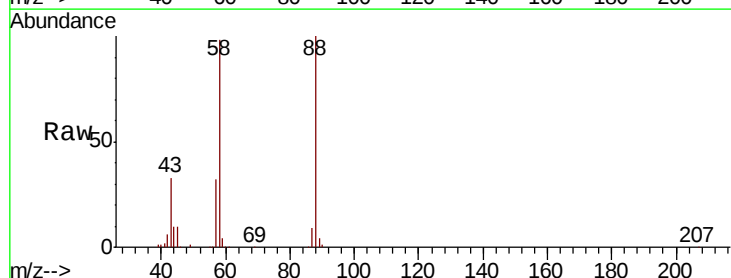
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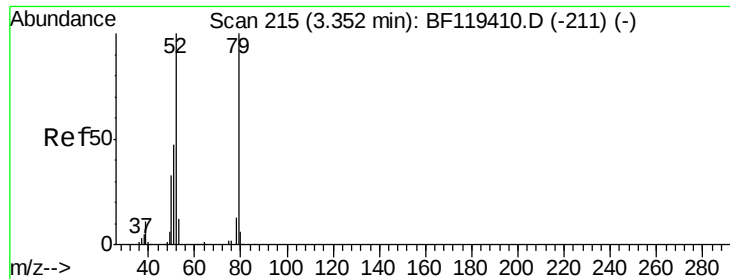


#2

1,4-Dioxane
Concen: 35.723 ng
RT: 2.55 min Scan# 79
Delta R.T. 0.08 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	98.7	80.6	121.0
43	35.4	27.5	41.3





#3

Pvridine

Concen: 36.106 ng

RT: 3.27 min Scan# 201

Delta R.T. 0.08 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

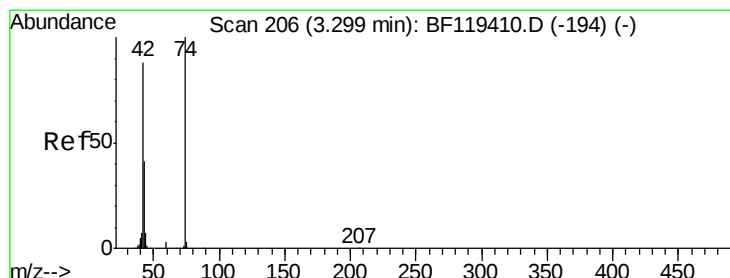
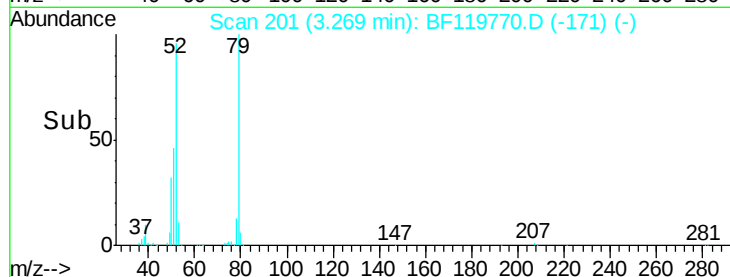
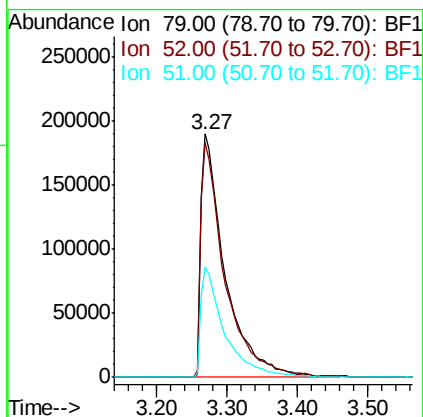
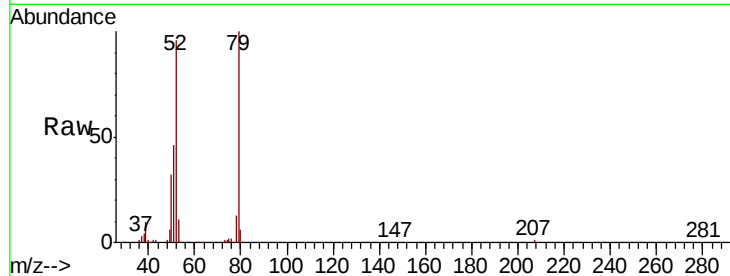
ClientSampleId :

PB128016BS

Tot Ion:	79	Resp:	456394
Ion	Ratio	Lower	Upper
79	100		
52	96.1	80.2	120.2
51	45.6	37.7	56.5

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#4

n-Nitrosodimethylamine

Concen: 42.615 ng

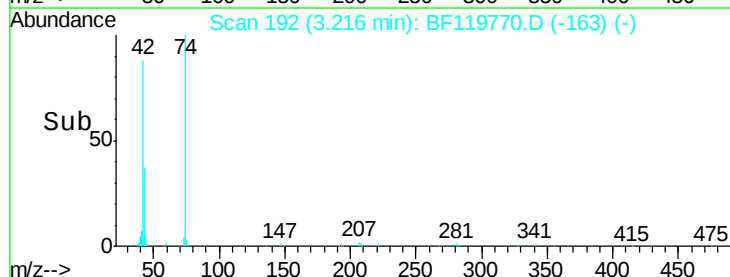
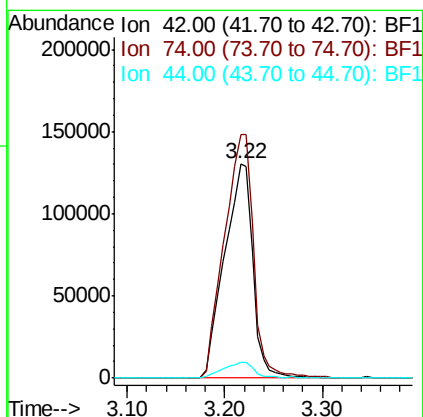
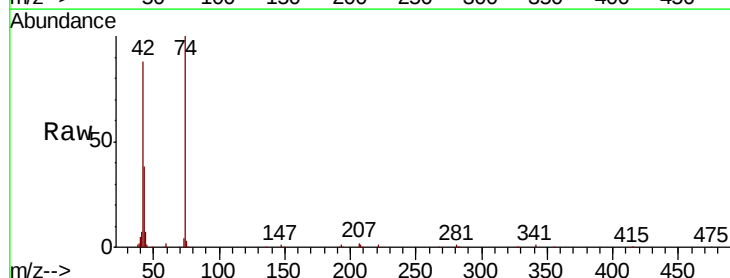
RT: 3.22 min Scan# 192

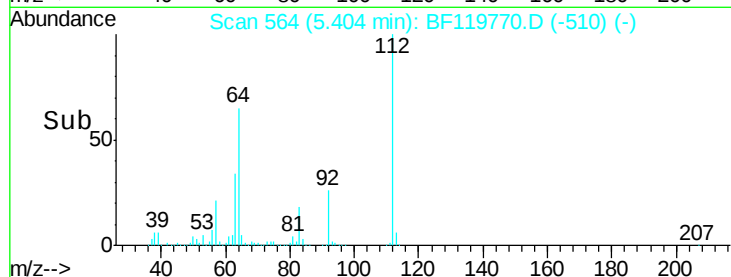
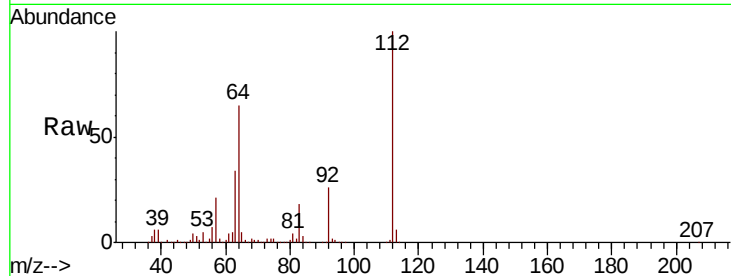
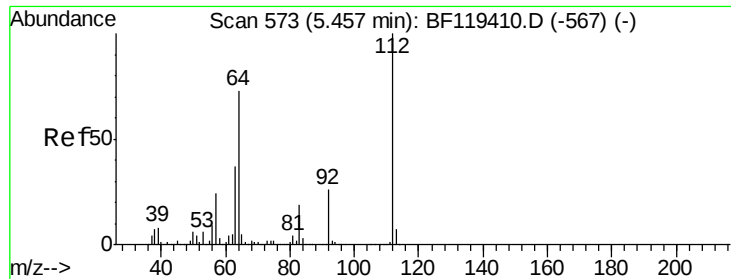
Delta R.T. 0.07 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt Ion:	42	Resp:	262686
Ion	Ratio	Lower	Upper
42	100		
74	113.6	91.5	137.3
44	7.5	6.2	9.4





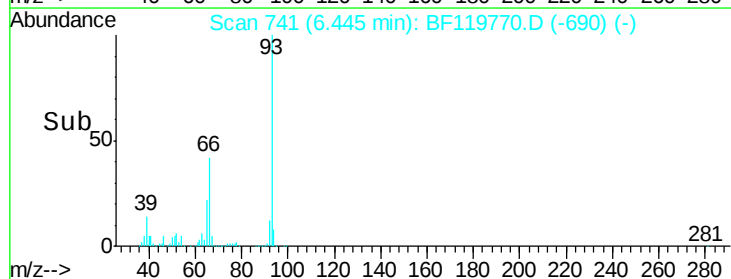
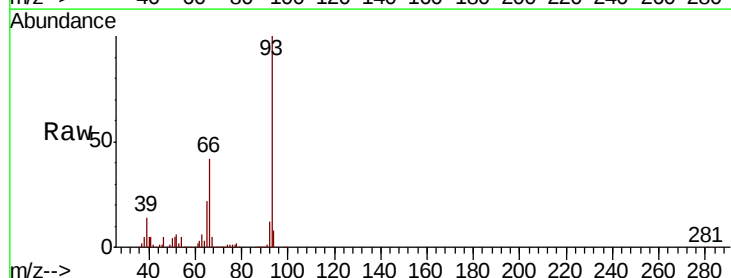
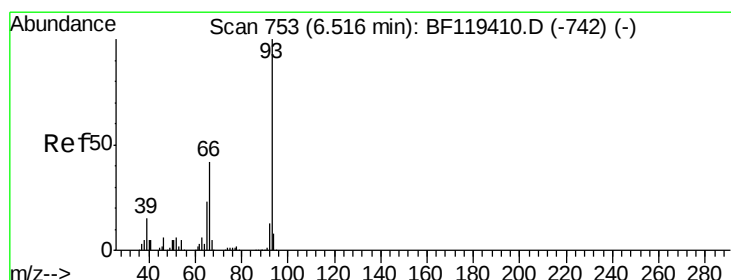
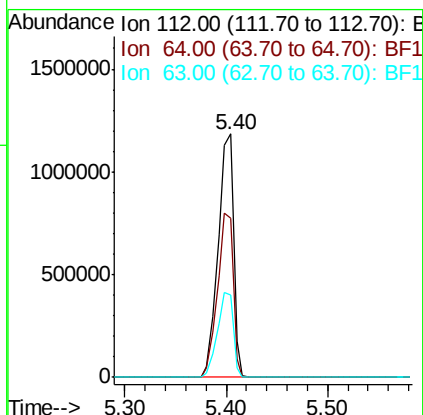
#5
2-Fluorophenol
Concen: 135.475 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.02 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tot Ion: 112 Resp: 1258556
Ion Ratio Lower Upper
112 100
64 65.4 56.7 85.1
63 33.9 29.5 44.3

Instrument :
BNA_F
ClientSampleId :
PB128016BS

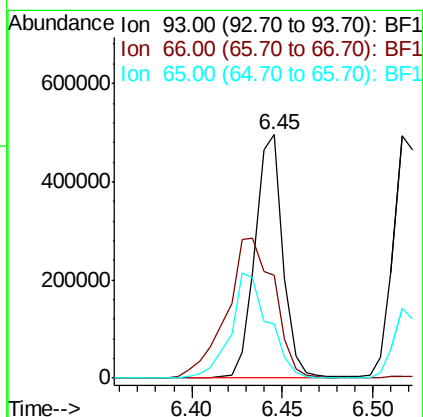
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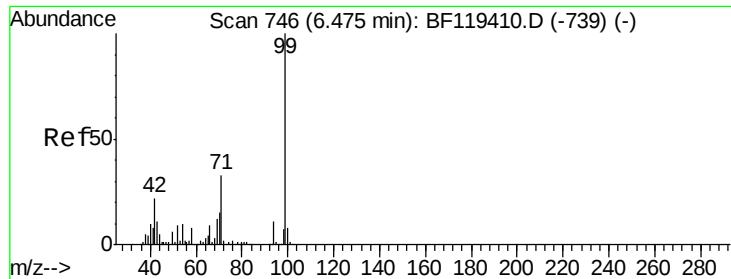
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#6
Aniline
Concen: 32.541 ng
RT: 6.45 min Scan# 741
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion: 93 Resp: 532983
Ion Ratio Lower Upper
93 100
66 42.0 34.9 52.3
65 22.3 18.6 27.8





#7

Phenol-d6

Concen: 130.993 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

Tot Ion: 99 Resp: 1554527

Ion Ratio Lower Upper

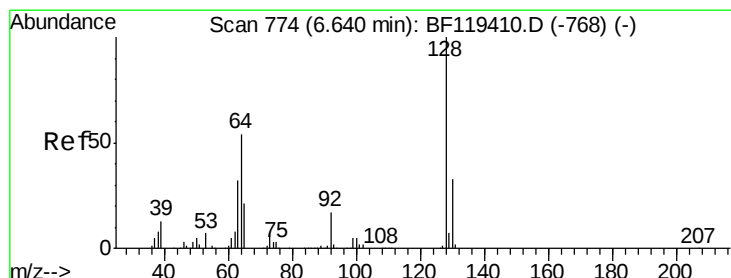
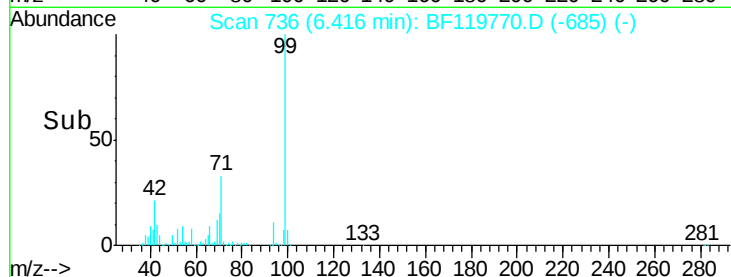
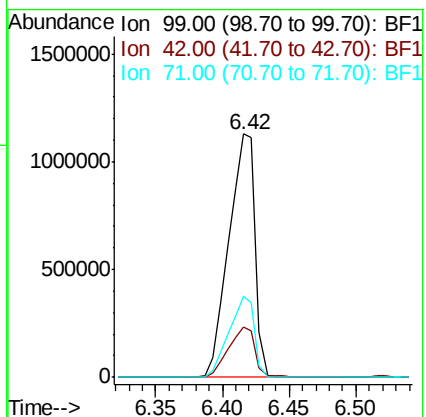
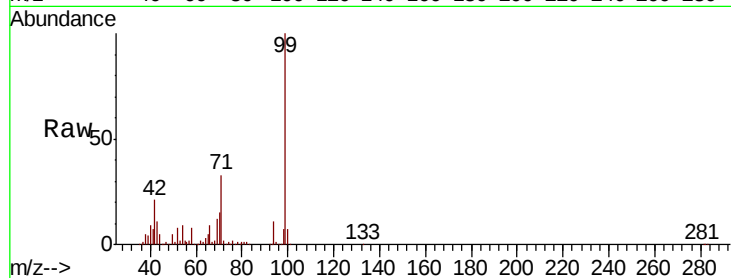
99 100

42 20.7 16.6 24.8

71 33.1 26.4 39.6

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#8

2-Chlorophenol

Concen: 51.570 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

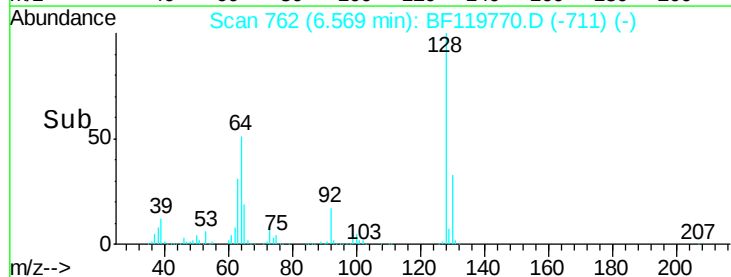
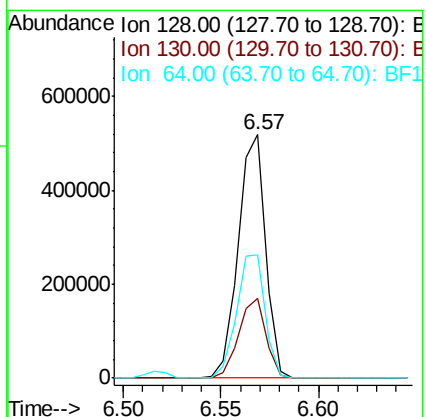
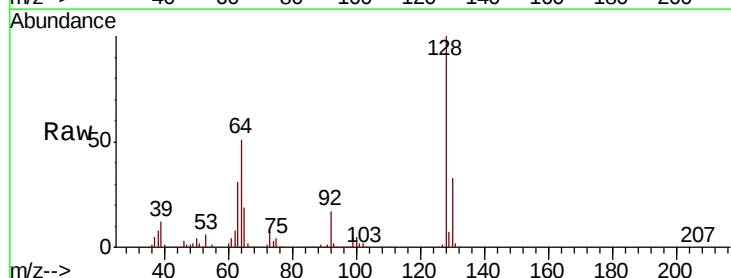
Tgt Ion: 128 Resp: 503175

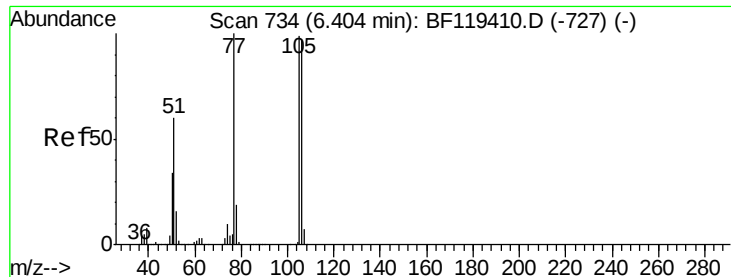
Ion Ratio Lower Upper

128 100

130 32.8 12.6 52.6

64 50.5 35.3 75.3





#9

Benzaldehyde

Concen: 32.105 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

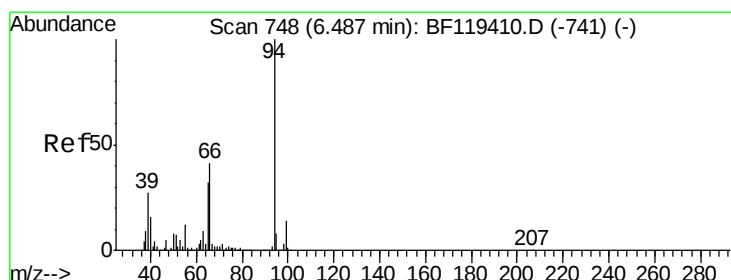
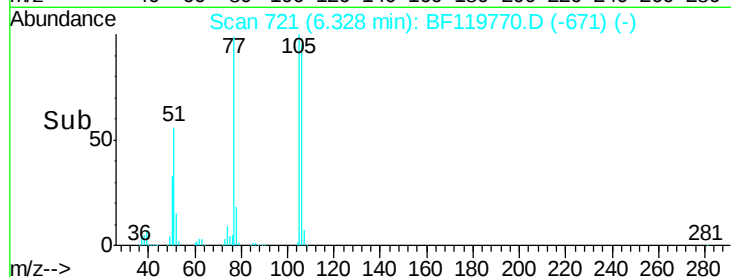
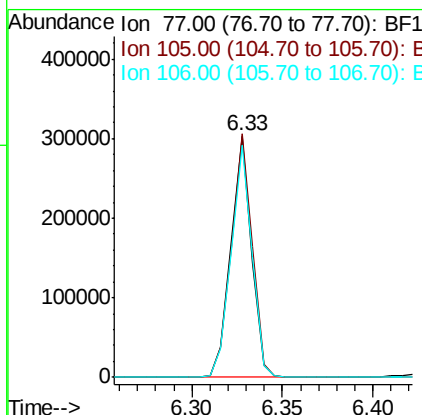
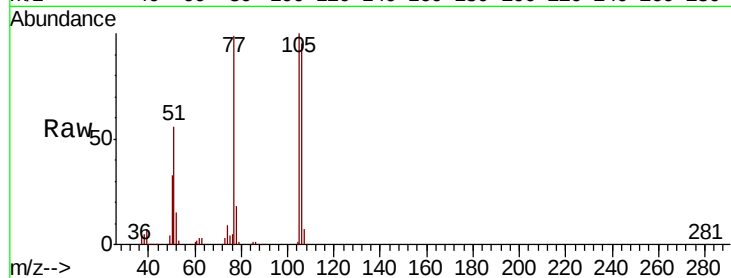
ClientSampleId :

PB128016BS

Tot Ion:	77	Resp:	241690
Ion	Ratio	Lower	Upper
77	100		
105	100.7	80.9	120.9
106	96.1	77.9	117.9

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#10

Phenol

Concen: 48.734 ng

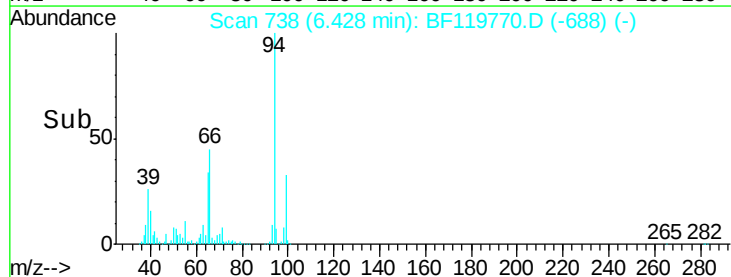
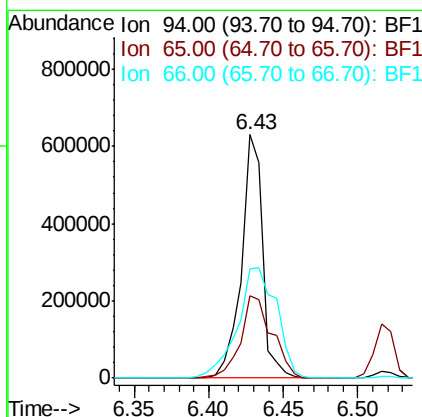
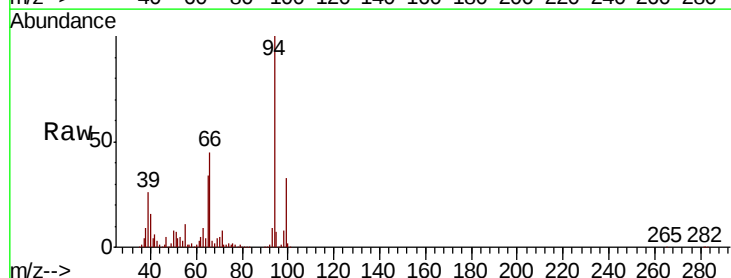
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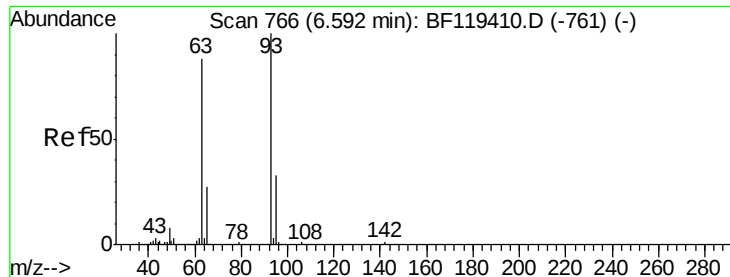
Delta R.T. -0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt Ion:	94	Resp:	617095
Ion	Ratio	Lower	Upper
94	100		
65	34.0	13.2	53.2
66	44.7	22.3	62.3





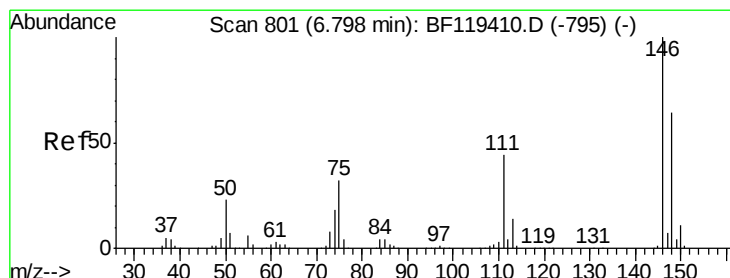
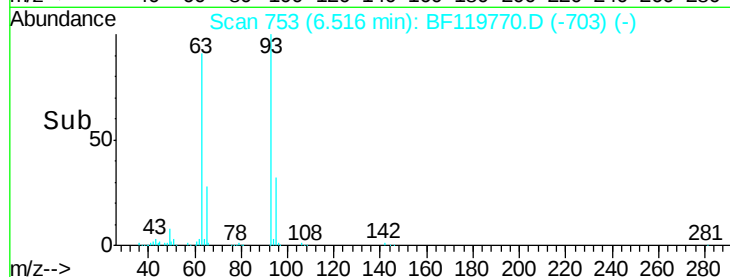
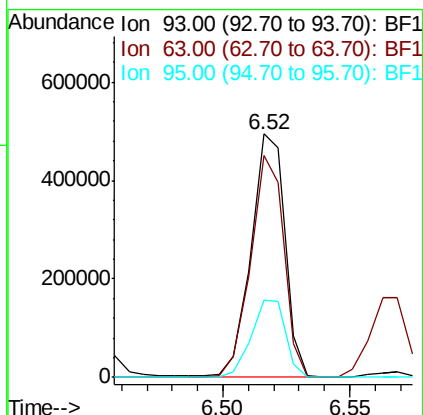
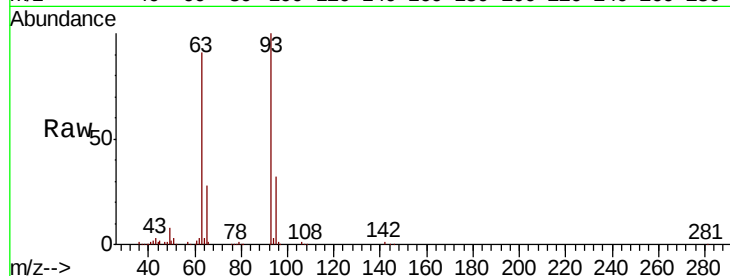
#11
bis(2-Chloroethyl)ether
Concen: 45.511 ng
RT: 6.52 min Scan# 753
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	91.2	70.2	110.2
95	31.9	13.4	53.4

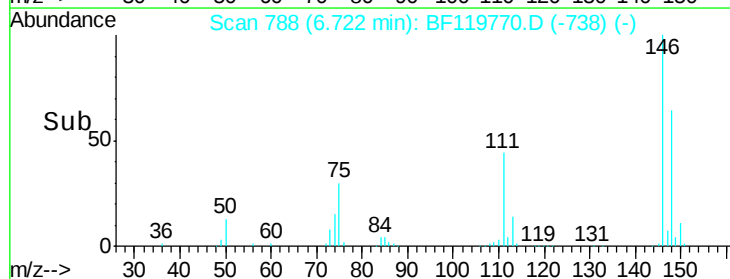
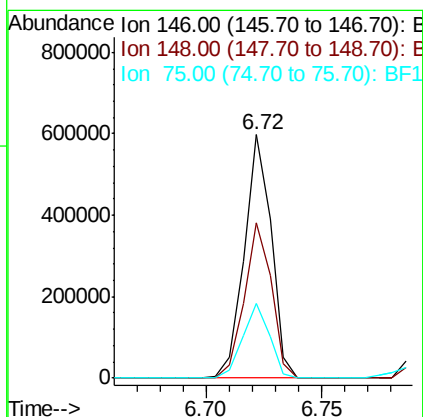
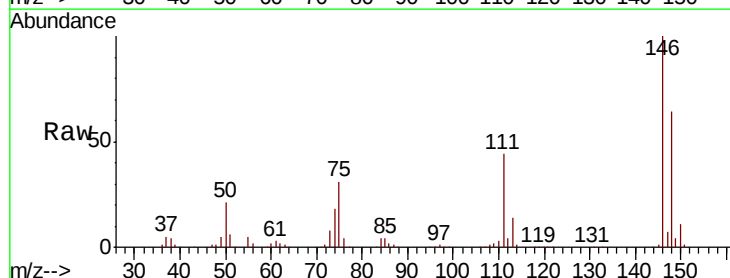
Manual Integrations
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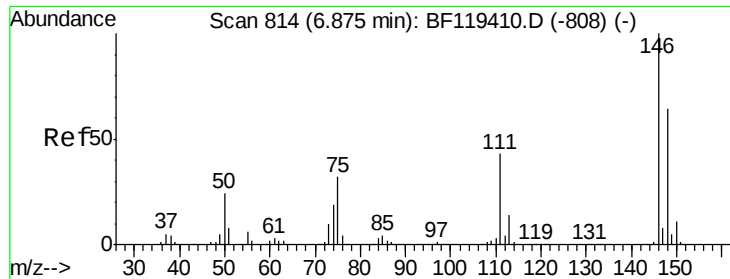
mohammad
4/8/2020 8:12:23 AM



#12
1,3-Dichlorobenzene
Concen: 46.293 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.2	78.4
75	30.6	23.0	34.4





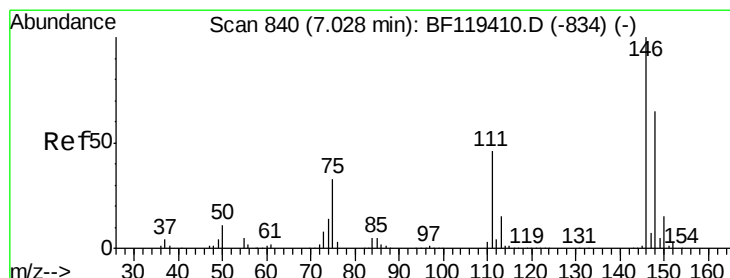
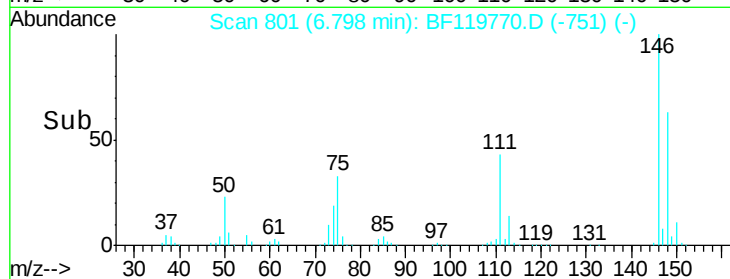
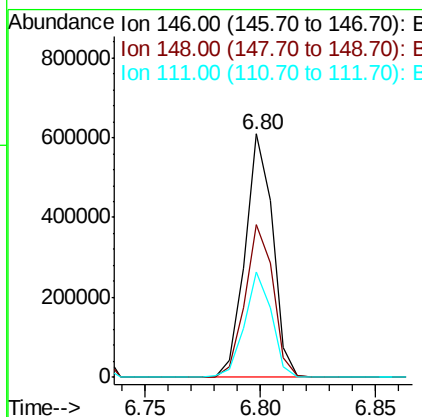
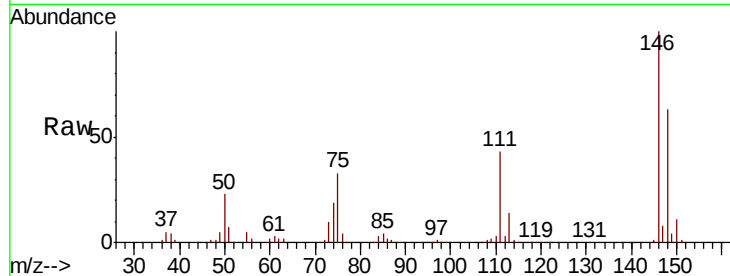
#13
 1,4-Dichlorobenzene
 Concen: 48.428 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.5	77.3
111	43.1	33.3	49.9

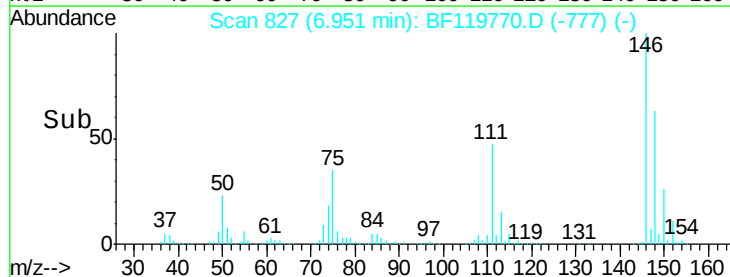
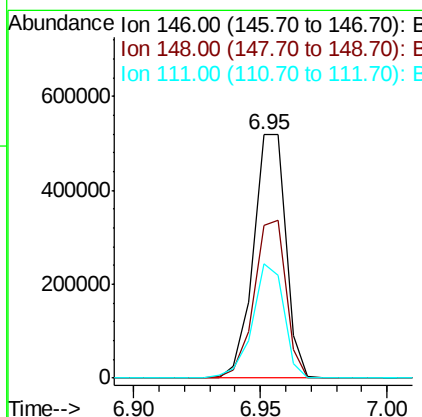
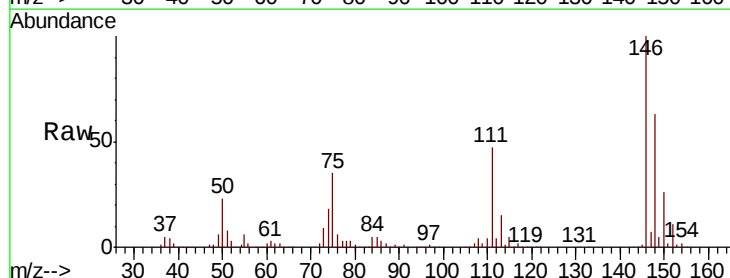
Manual Integrations
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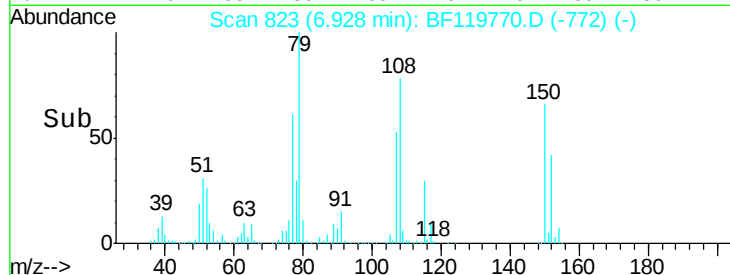
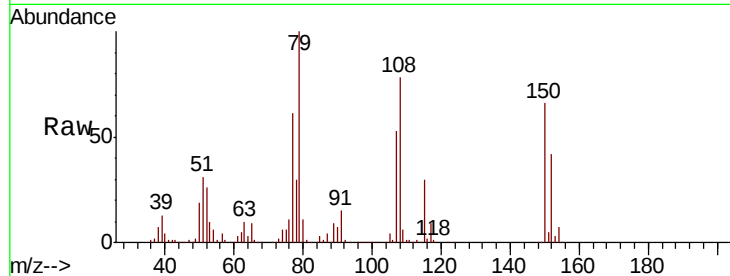
mohammad
 4/8/2020 8:12:23 AM



#14
 1,2-Dichlorobenzene
 Concen: 47.274 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.8	50.6	75.8
111	46.9	36.1	54.1





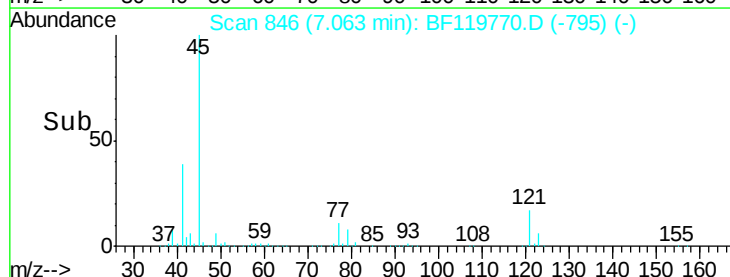
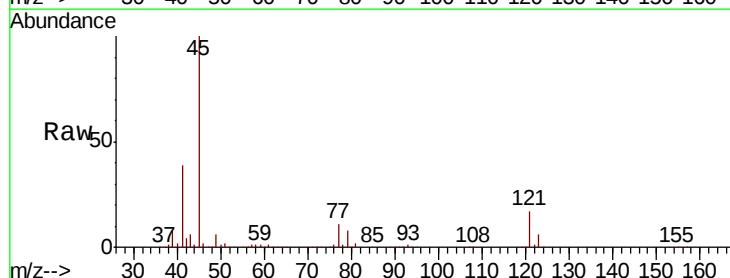
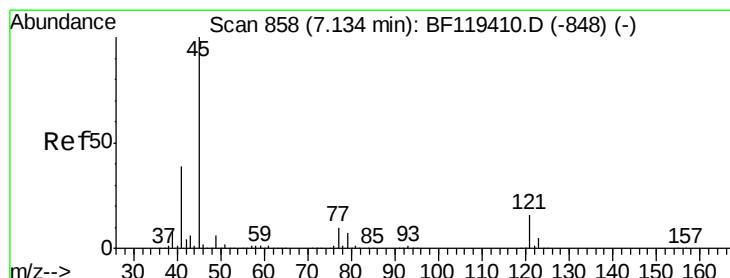
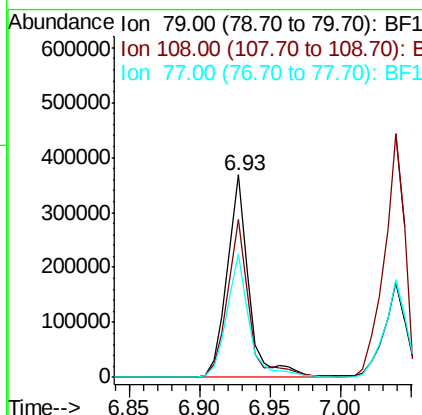
#15
Benzyl Alcohol
Concen: 44.621 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	78.0	60.6	90.8	
77	60.8	50.2	75.2	

Instrument :
BNA_F
ClientSampleId :
PB128016BS

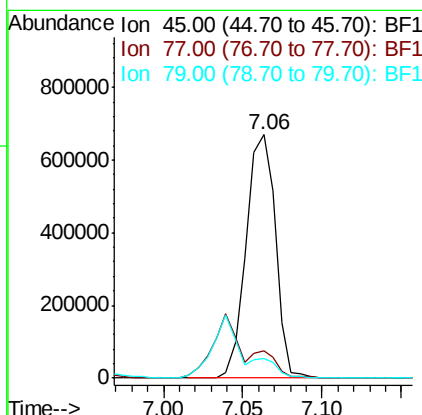
Manual Integrations
APPROVED

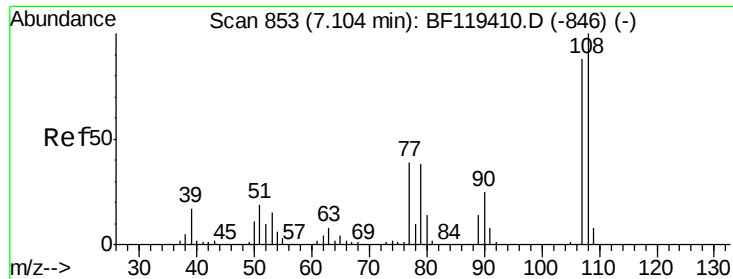
mohammad
4/8/2020 8:12:23 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.123 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	11.0	0.0	30.7	
79	8.3	0.0	28.2	





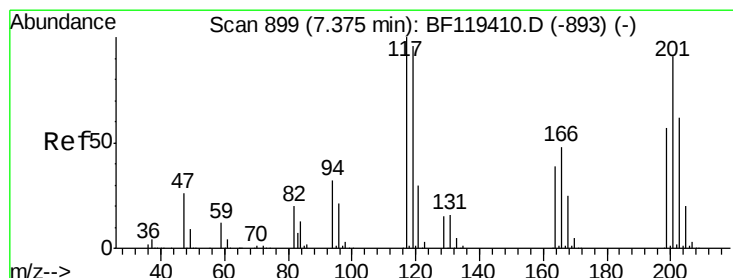
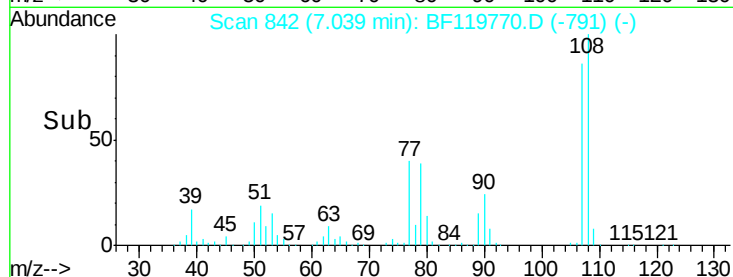
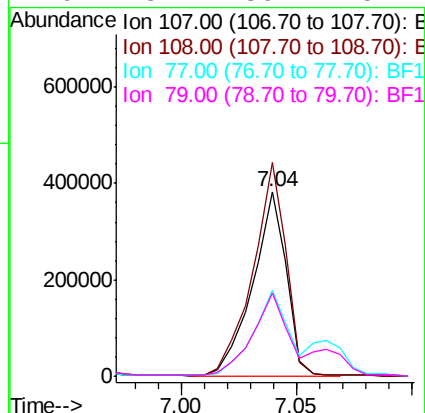
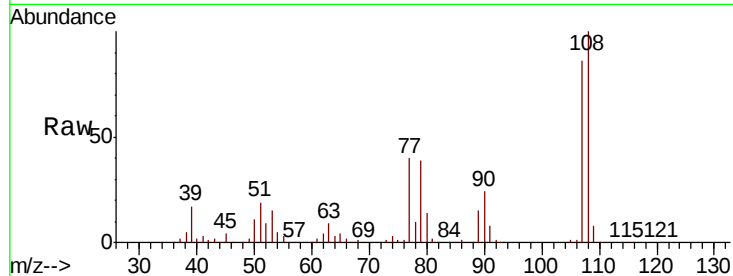
#17
2-Methylphenol
Concen: 43.193 ng
RT: 7.04 min Scan# 842
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.7	92.2	138.4	
77	46.2	36.6	54.8	
79	45.1	36.2	54.4	

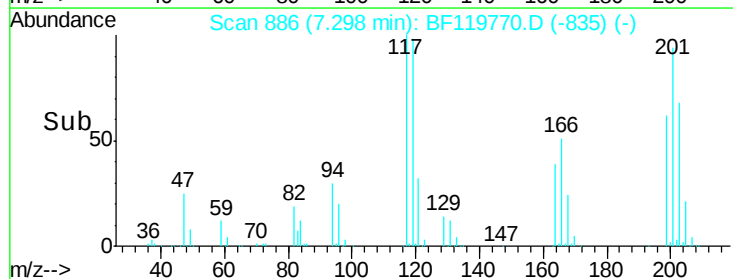
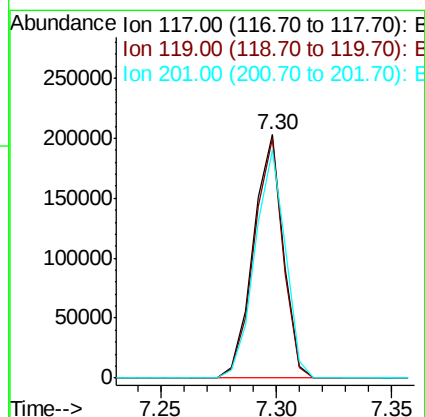
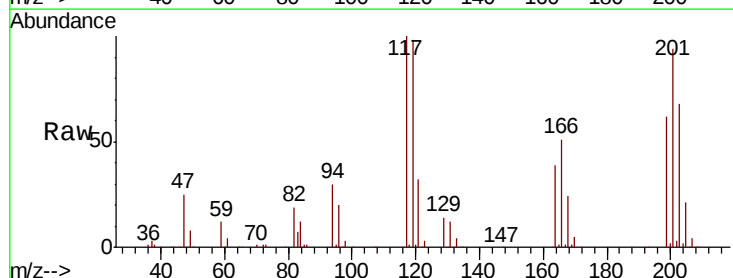
Manual Integrations
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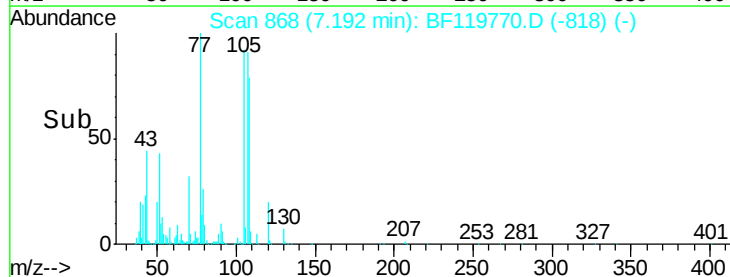
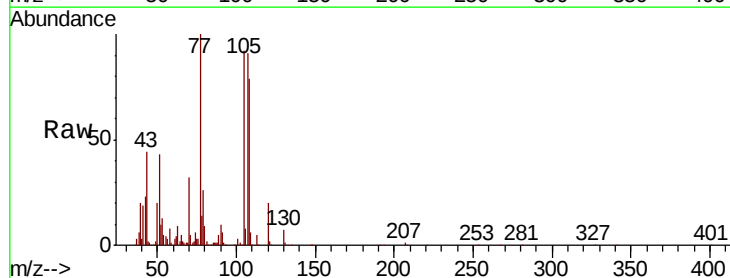
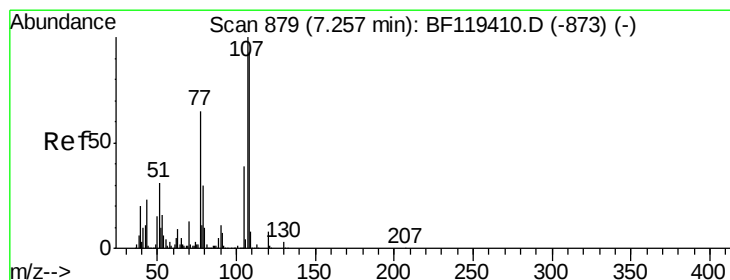
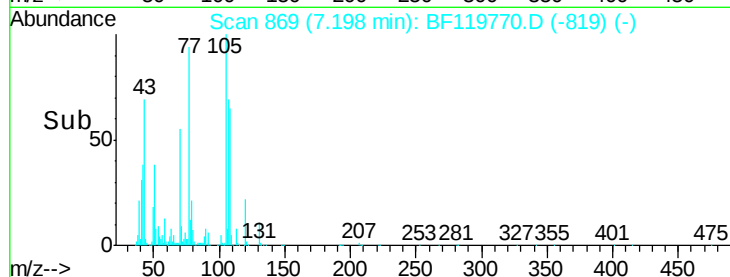
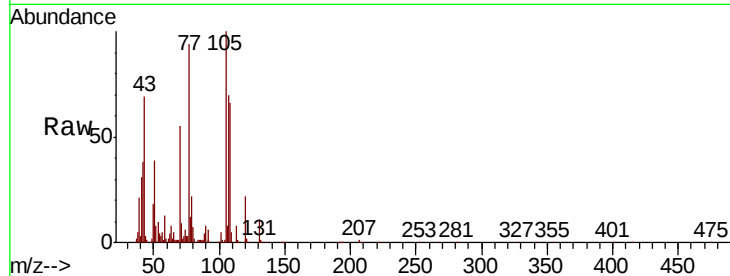
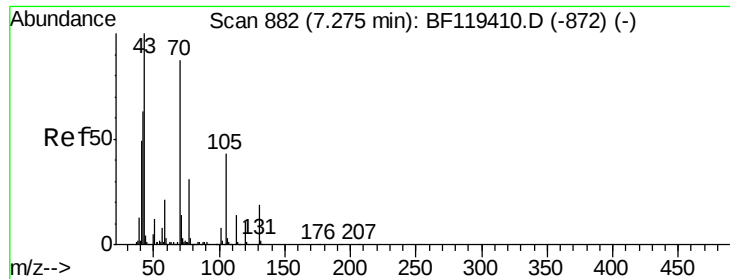
mohammad
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#18
Hexachloroethane
Concen: 47.399 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

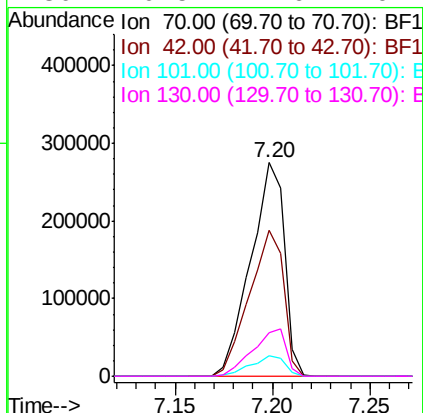
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.4	76.1	114.1	
201	93.9	73.0	109.6	





#19
n-Nitroso-di-n-propylamine
Concen: 46.142 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	68.3		54.5	81.7	
101	9.5		7.6	11.4	
130	20.5		17.6	26.4	



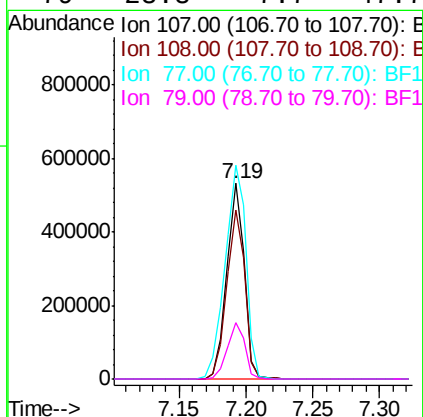
Instrument :
BNA_F
ClientSampleId :
PB128016BS

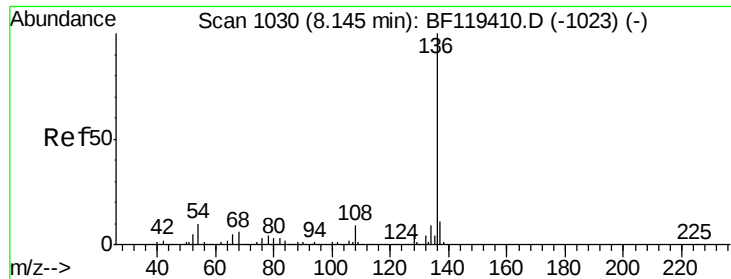
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#20
3+4-Methylphenols
Concen: 45.217 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	86.8		67.9	107.9	
77	109.4		52.9	92.9#	
79	28.8		7.7	47.7	





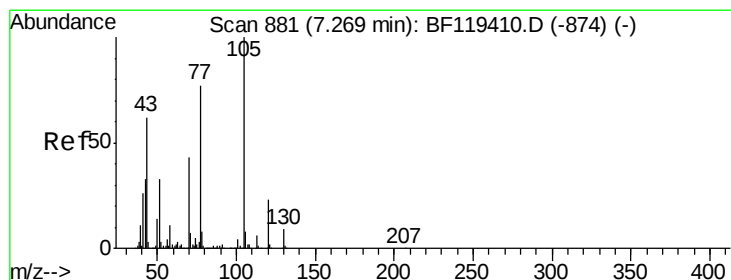
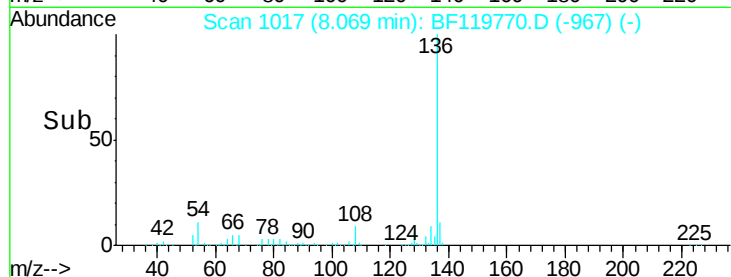
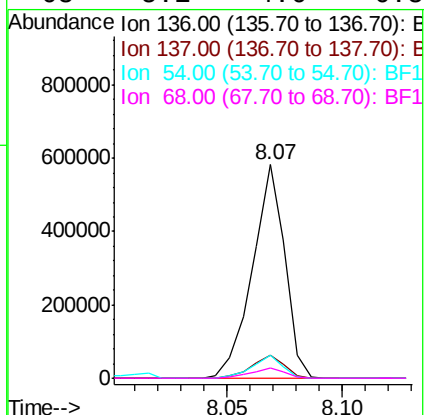
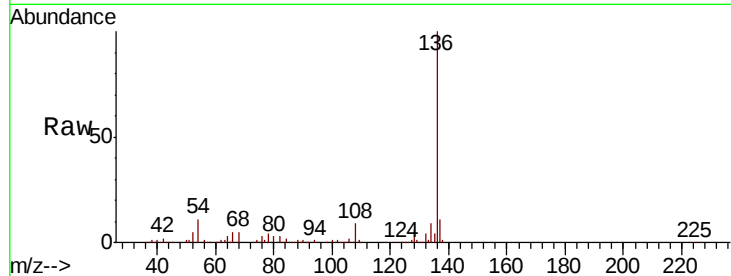
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		570342		
137	10.9	8.7	13.1		
54	10.9	9.1	13.7		
68	5.1	4.6	6.8		

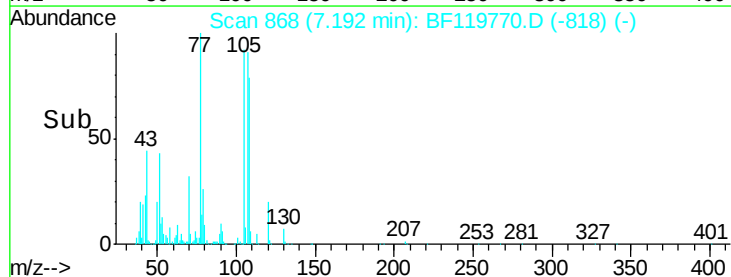
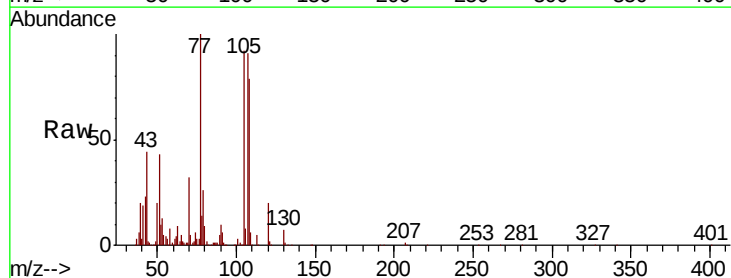
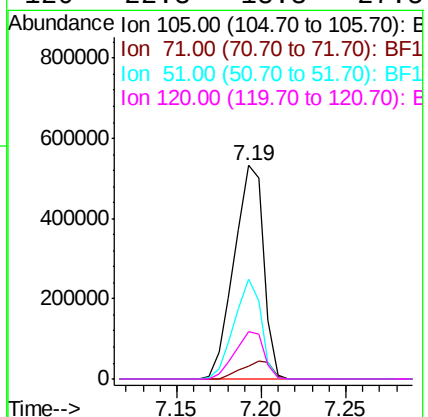
Manual Integrations
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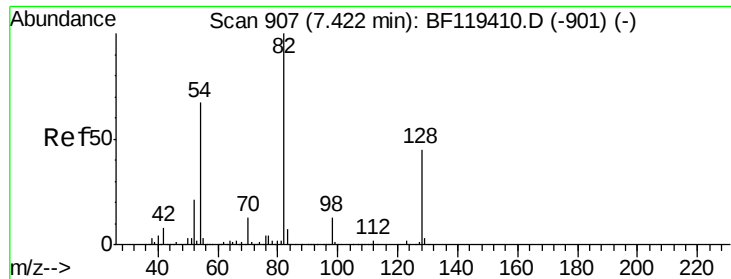
mohammad
4/8/2020 8:12:23 AM



#22
Acetophenone
Concen: 47.650 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		649382		
71	5.9	5.7	8.5		
51	46.8	26.2	39.4		
120	22.3	18.3	27.5		





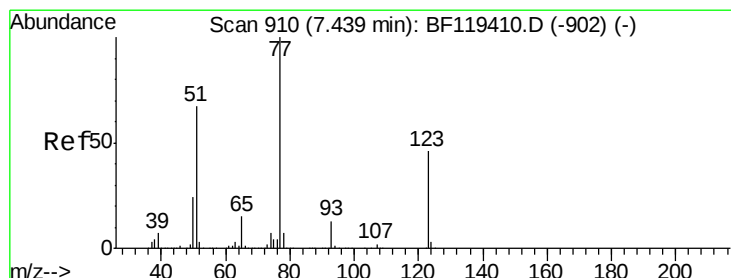
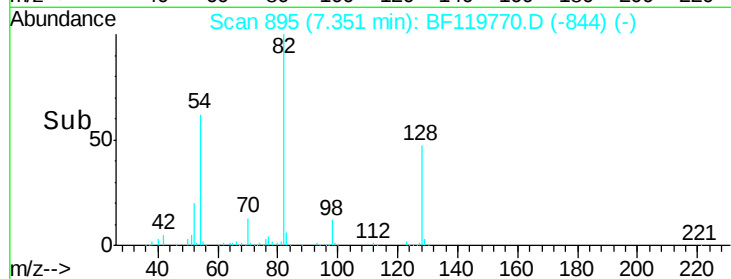
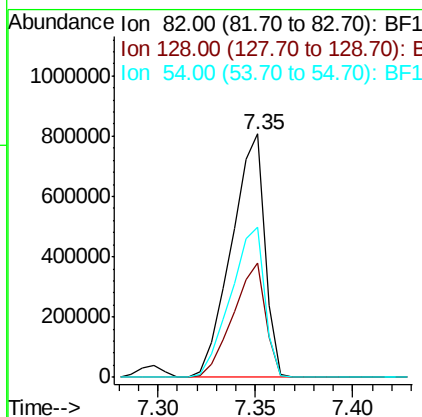
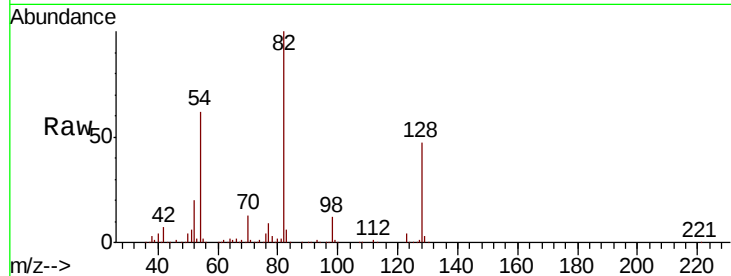
#23
 Nitrobenzene-d5
 Concen: 90.729 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleID :
 PB128016BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.1	36.3	54.5
54	61.7	50.6	75.8

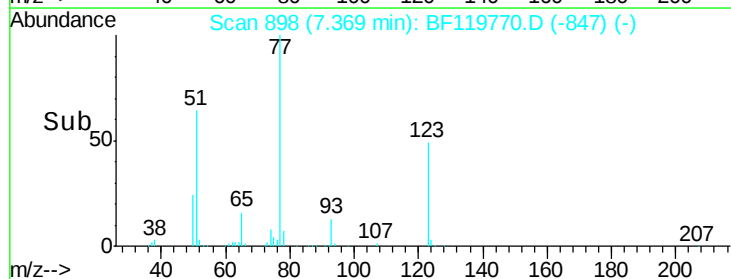
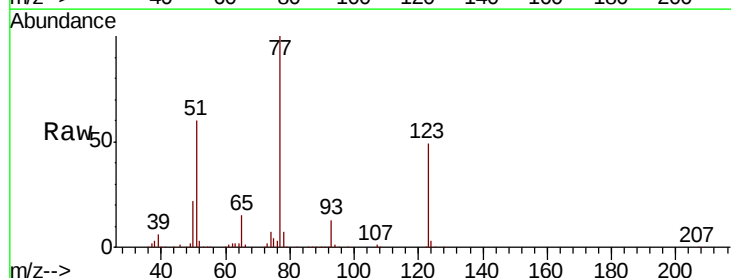
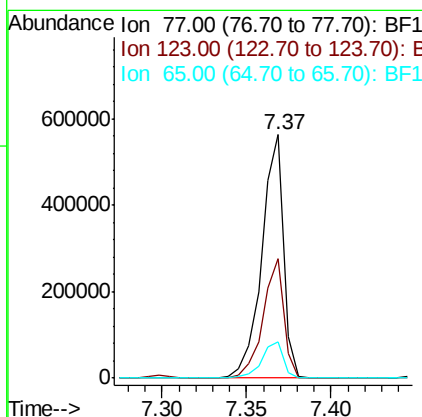
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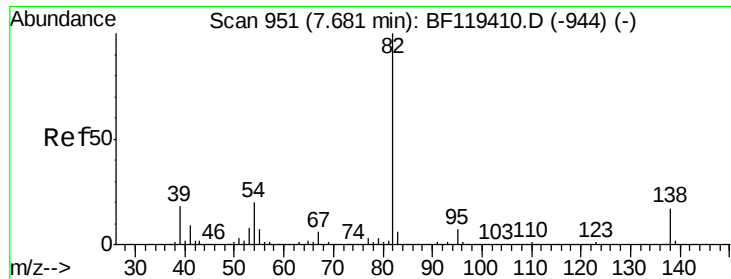
mohammad
 4/8/2020 8:12:23 AM



#24
 Nitrobenzene
 Concen: 44.695 ng
 RT: 7.37 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.2	38.0	57.0
65	14.8	12.6	18.8





#25

Isophorone

Concen: 43.119 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

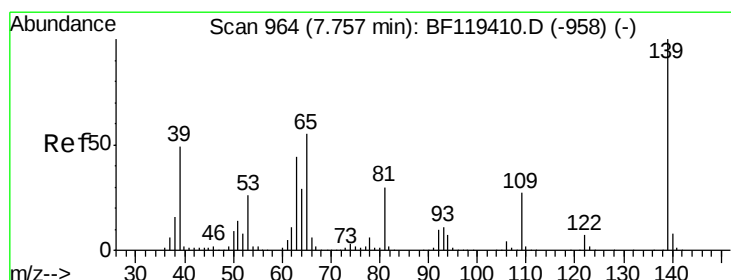
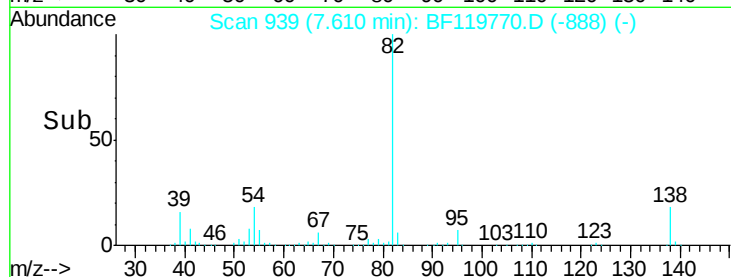
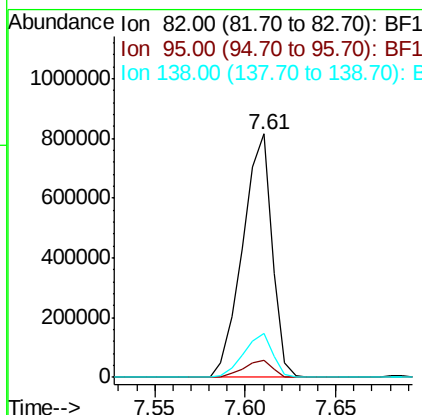
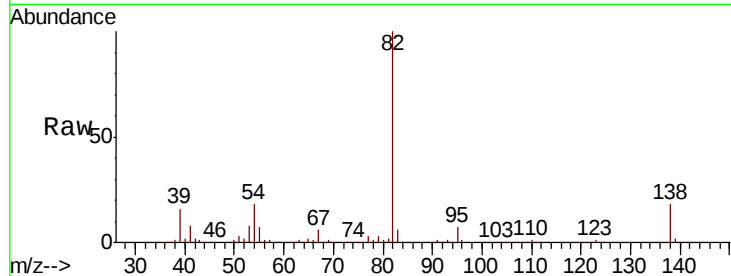
ClientSampleId :

PB128016BS

Tot Ion:	82	Resp:	917915
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.8	8.6
138	18.3	14.6	21.8

Manual Integrations
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4/8/2020 8:12:23 AM



#26

2-Nitrophenol

Concen: 60.592 ng

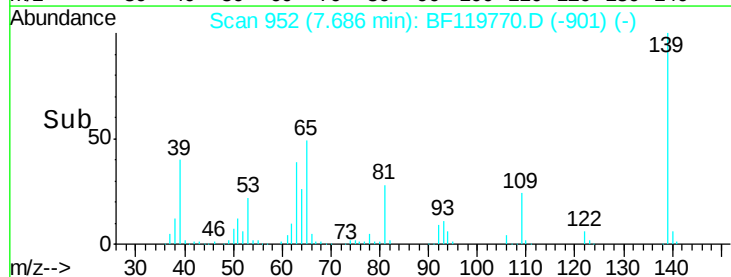
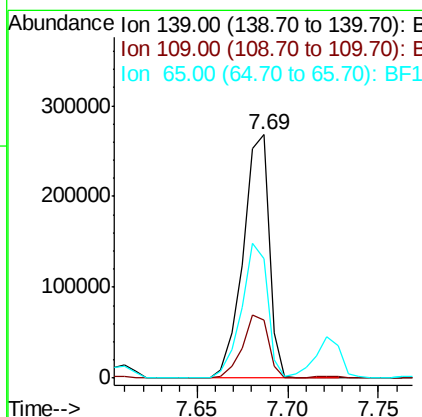
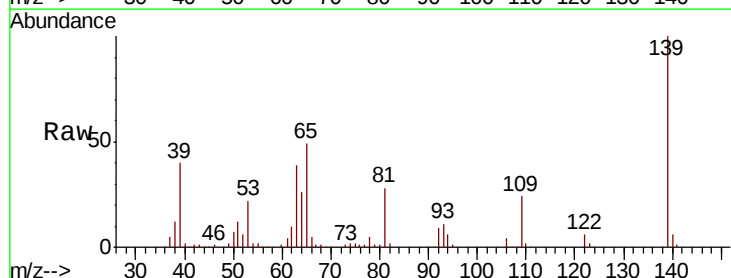
RT: 7.69 min Scan# 952

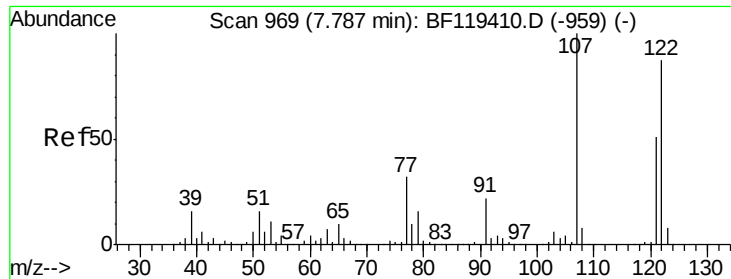
Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt Ion:	139	Resp:	267562
Ion Ratio		Lower	Upper
139	100		
109	23.6	22.1	33.1
65	49.2	49.2	73.8





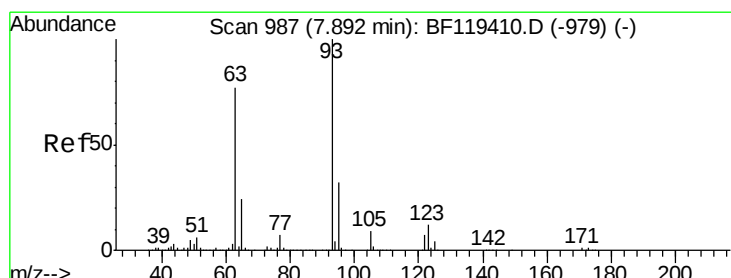
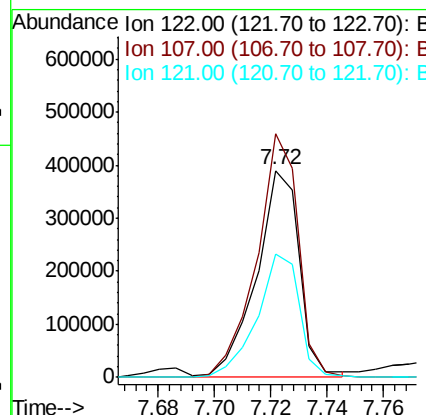
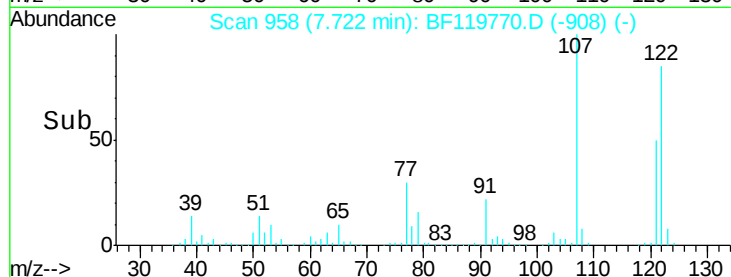
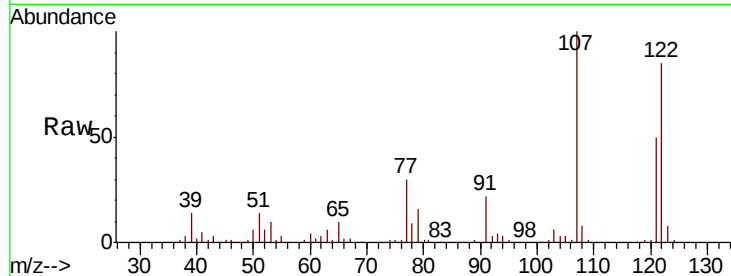
#27
 2,4-Dimethylphenol
 Concen: 44.975 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.01 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.9	89.0	133.6
121	59.5	46.7	70.1

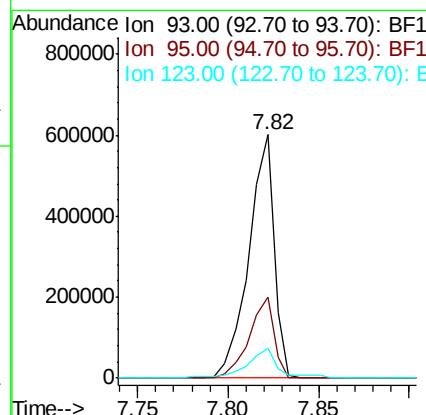
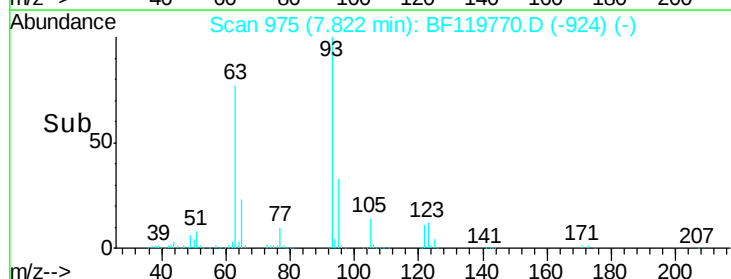
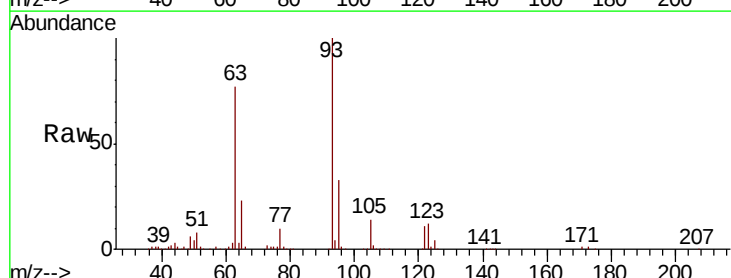
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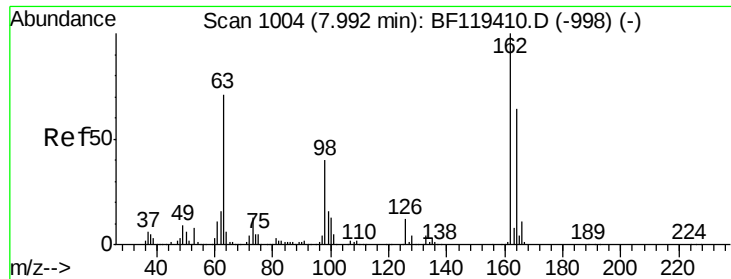
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#28
 bis(2-Chloroethoxy)methane
 Concen: 46.283 ng
 RT: 7.82 min Scan# 975
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.3	26.3	39.5
123	12.2	9.7	14.5





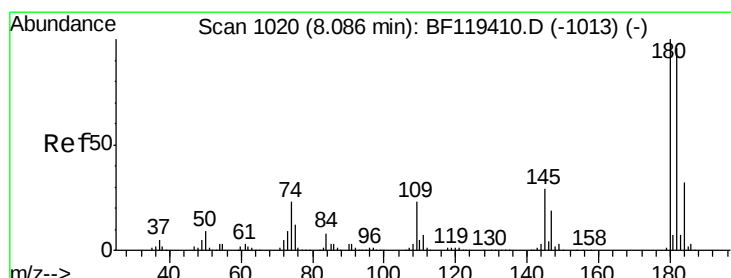
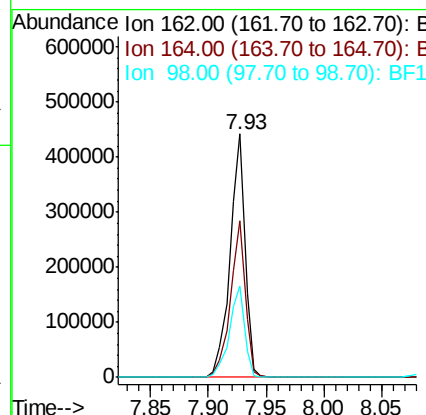
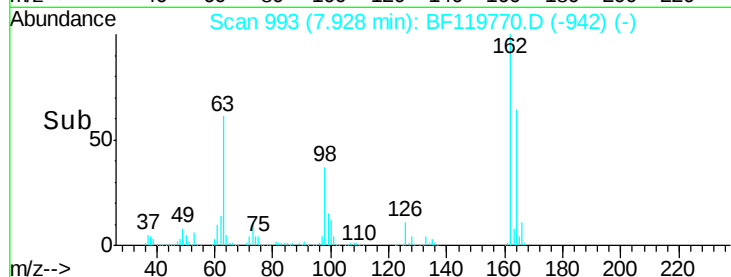
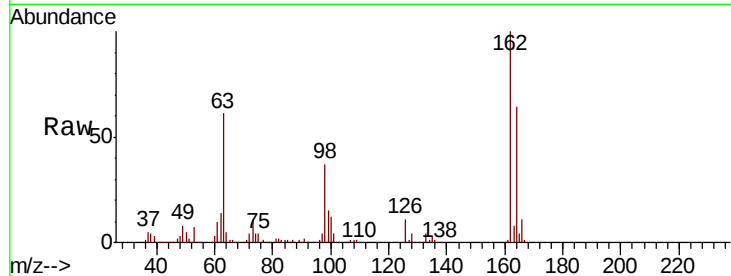
#29
2,4-Dichlorophenol
Concen: 47.790 ng
RT: 7.93 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	400944		
164	64.3	44.7	84.7	
98	37.4	20.7	60.7	

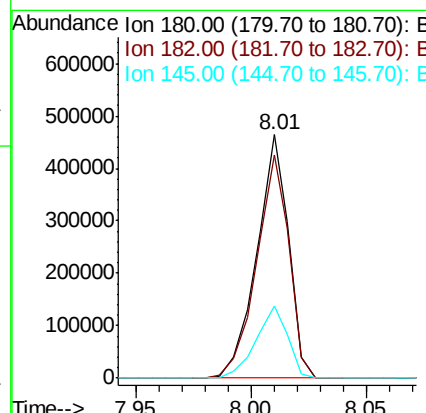
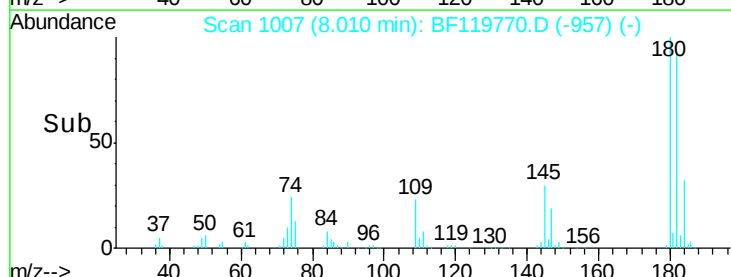
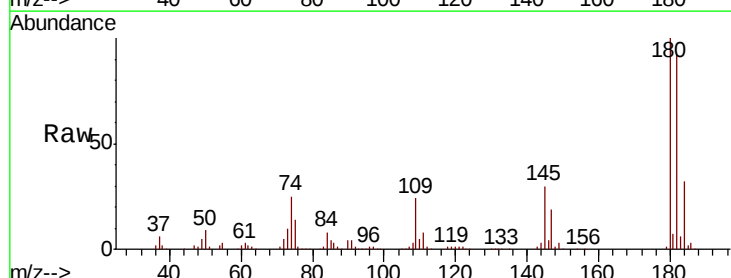
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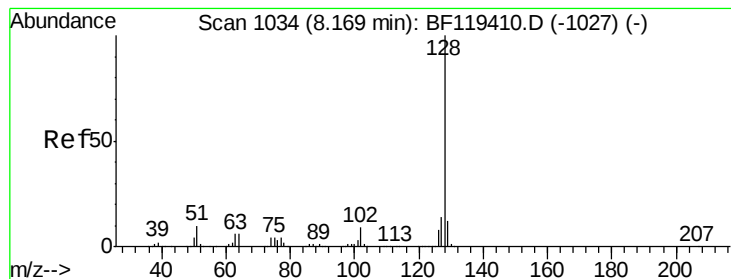
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#30
1,2,4-Trichlorobenzene
Concen: 47.826 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	443739		
182	91.7	74.7	112.1	
145	29.8	24.5	36.7	





#31

Naphthalene

Concen: 46.982 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

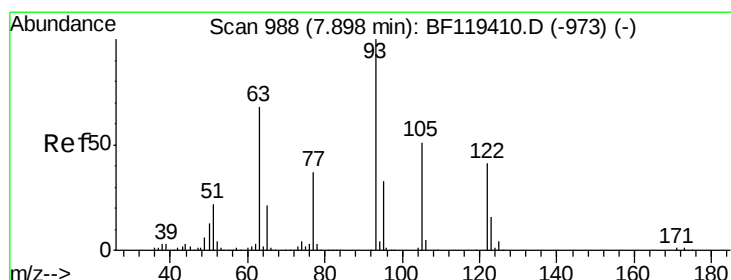
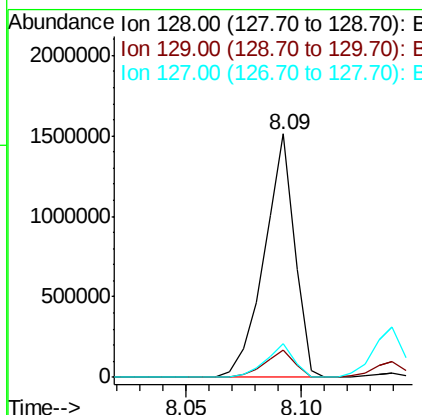
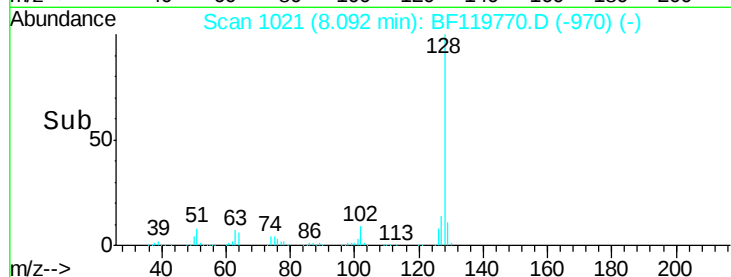
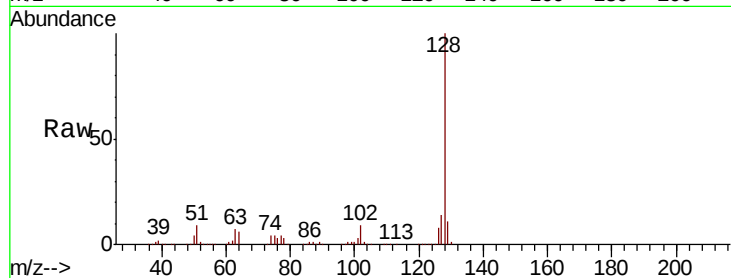
ClientSampleId :

PB128016BS

Tot	Ion:128	Resp:	1378932
Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.5	14.3
127	13.7	11.3	16.9

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#32

Benzoic acid

Concen: 57.049 ng

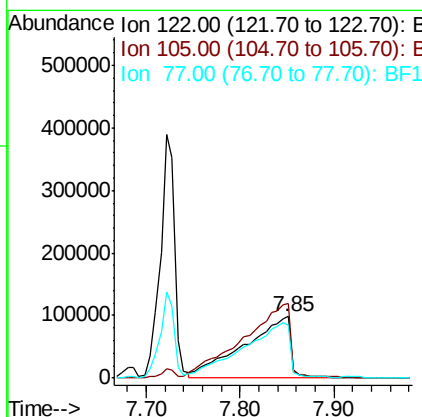
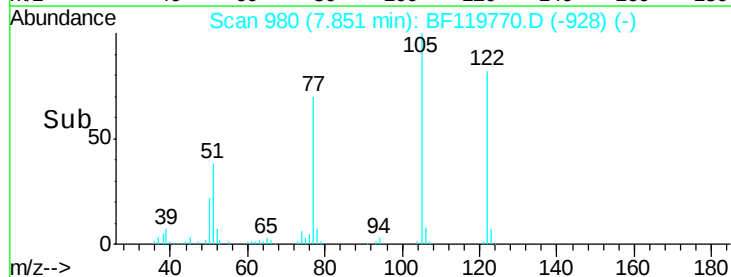
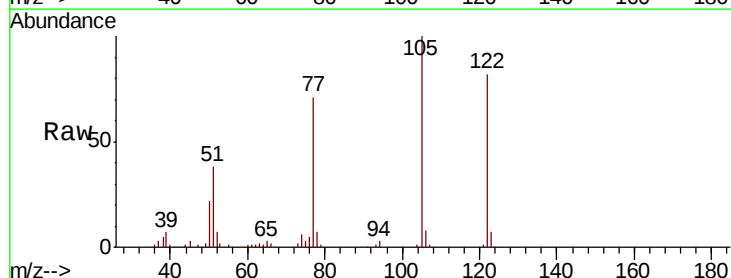
RT: 7.85 min Scan# 980

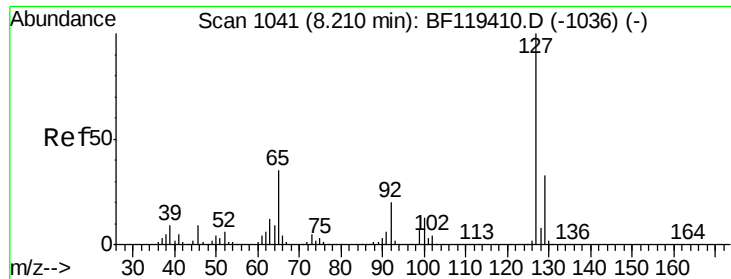
Delta R.T. 0.01 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt	Ion:122	Resp:	335074
Ion	Ratio	Lower	Upper
122	100		
105	122.6	104.9	144.9
77	86.8	74.4	114.4





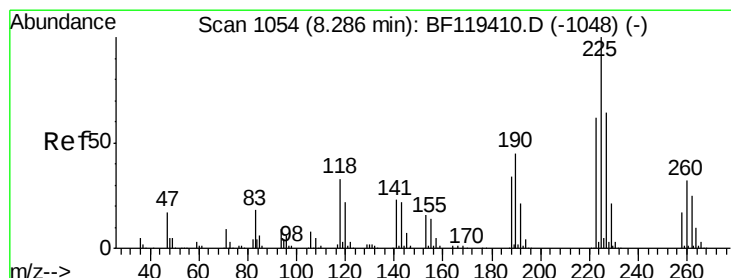
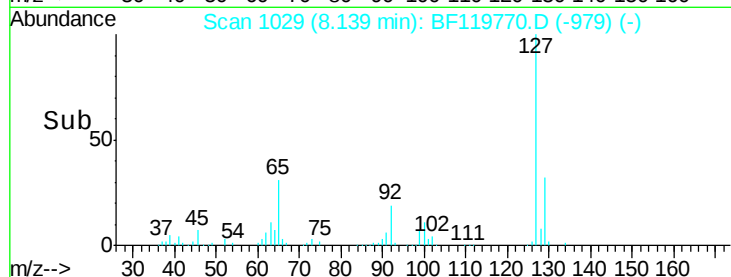
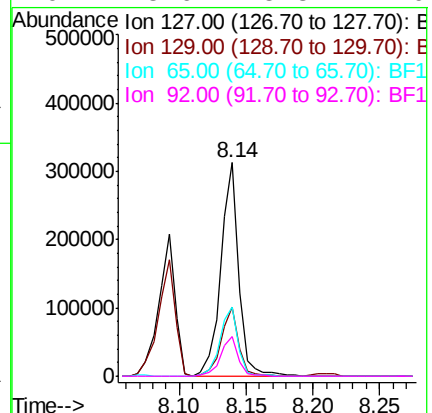
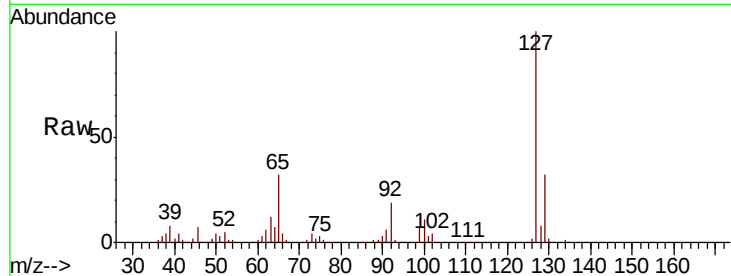
#33
4-Chloroaniline
Concen: 22.088 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	297062		
129	32.2	26.2	39.4	
65	32.2	27.4	41.0	
92	18.6	15.3	22.9	

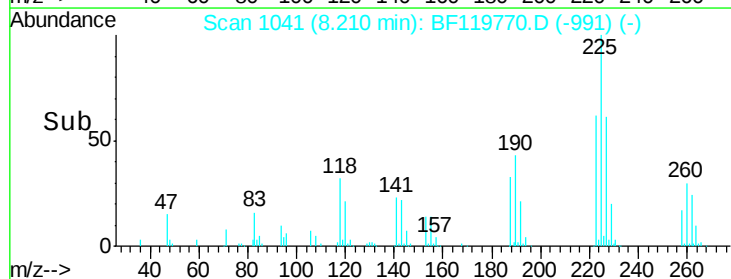
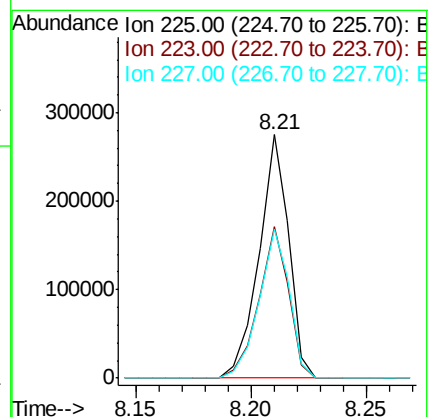
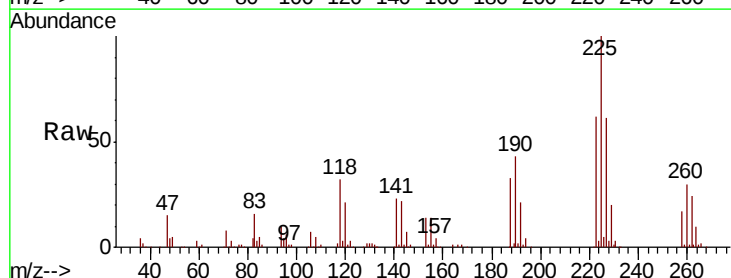
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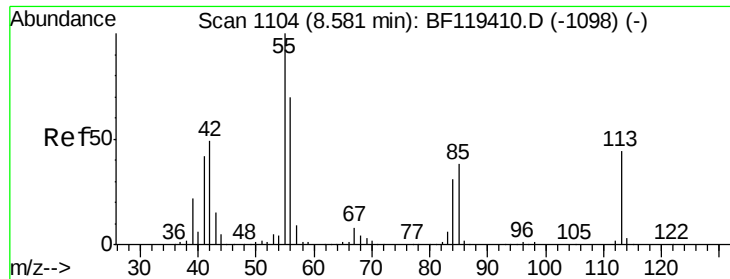
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#34
Hexachlorobutadiene
Concen: 47.532 ng
RT: 8.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	246750		
223	62.4	51.0	76.6	
227	61.3	50.7	76.1	





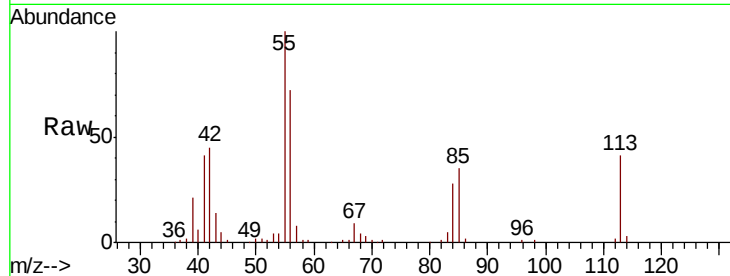
#35
Caprolactam
Concen: 45.458 ng m
RT: 8.50 min Scan# 1091
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

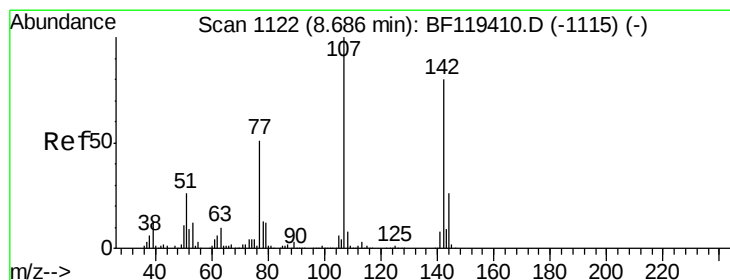
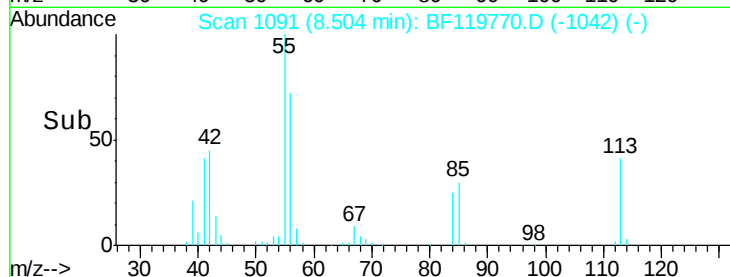
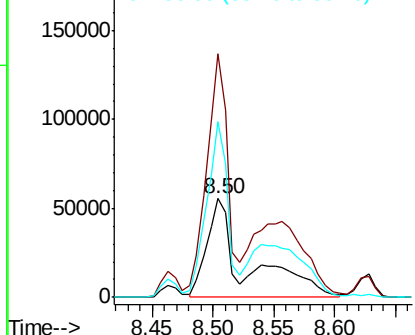
Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	246.1		218.4	258.4	
56	177.1		148.9	188.9	

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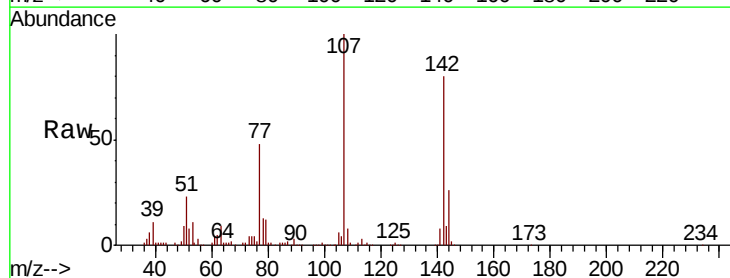


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

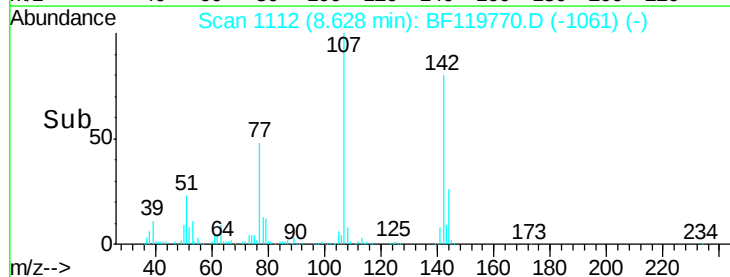
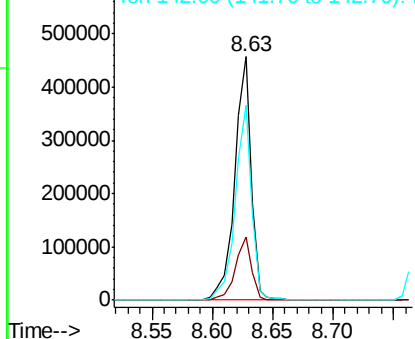


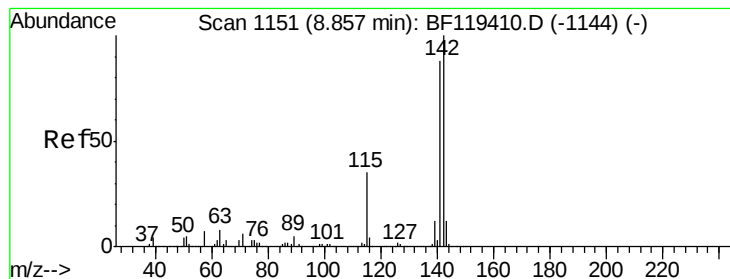
#36
4-Chloro-3-methylphenol
Concen: 47.695 ng
RT: 8.63 min Scan# 1112
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	26.1		21.0	31.6	
142	80.2		64.4	96.6	



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





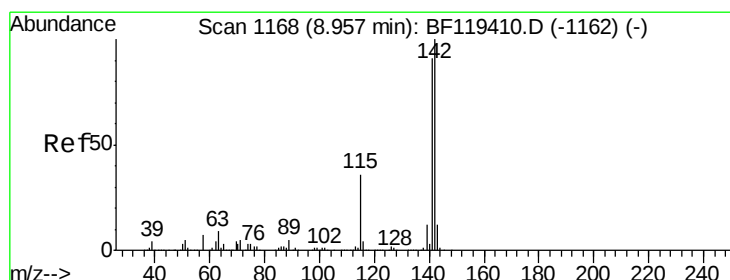
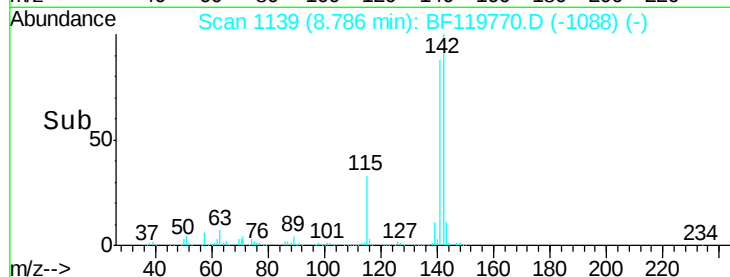
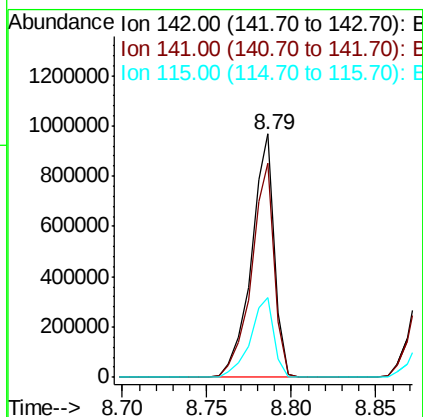
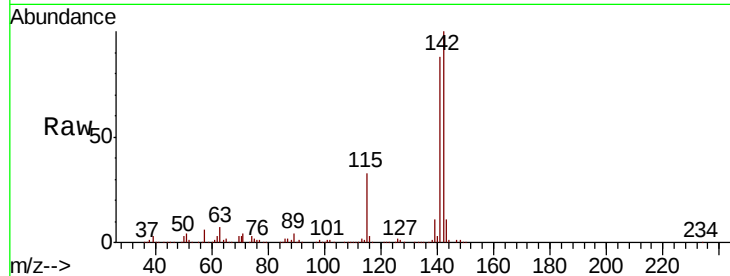
#37
2-Methylnaphthalene
Concen: 47.682 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	33.0	27.9	41.9

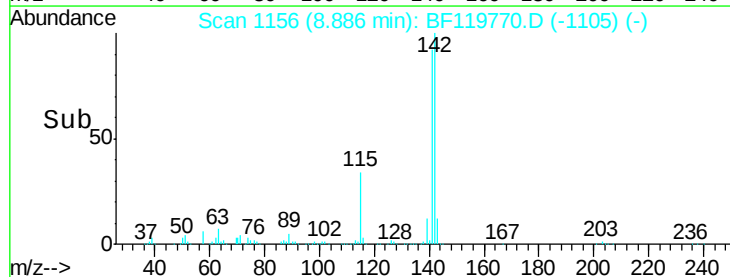
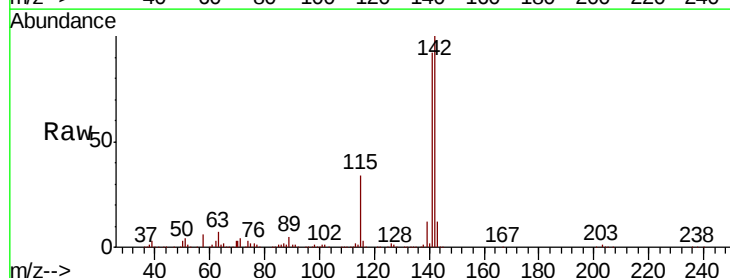
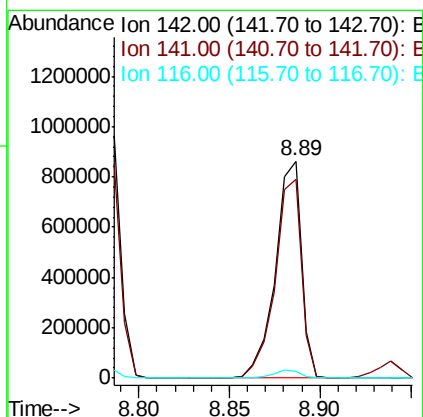
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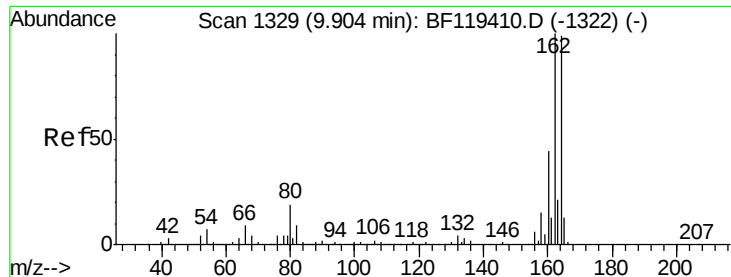
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#38
1-Methylnaphthalene
Concen: 47.275 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.7	110.5
116	3.3	3.0	4.6





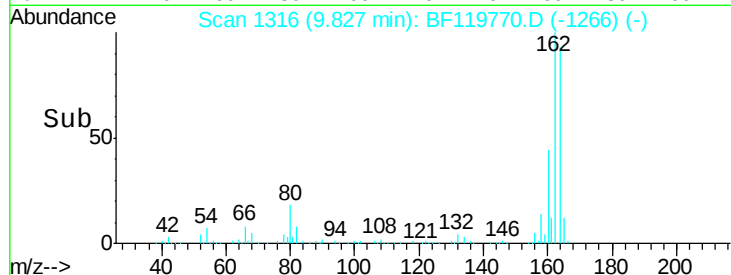
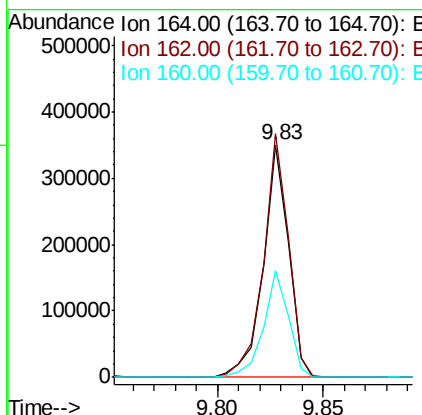
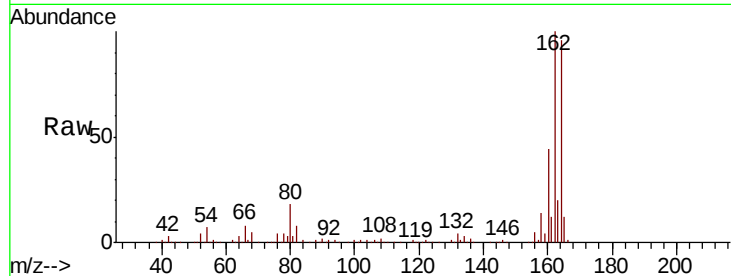
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleID :
PB128016BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.7	80.6	121.0	
160	45.7	35.7	53.5	

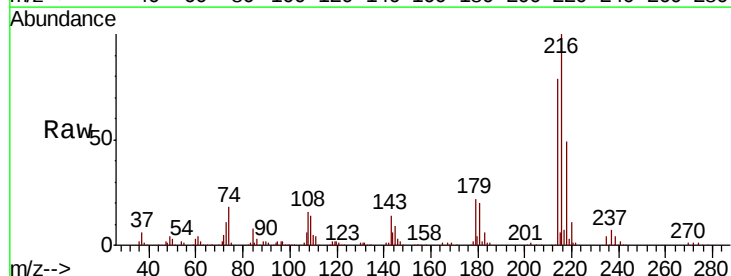
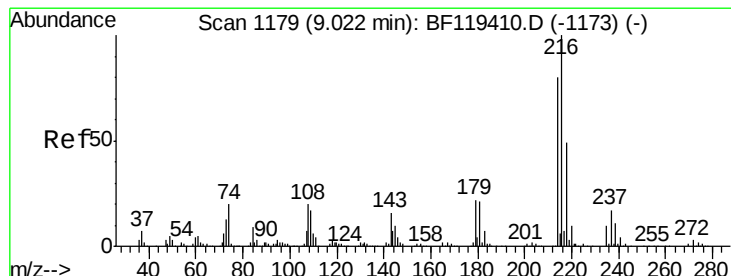
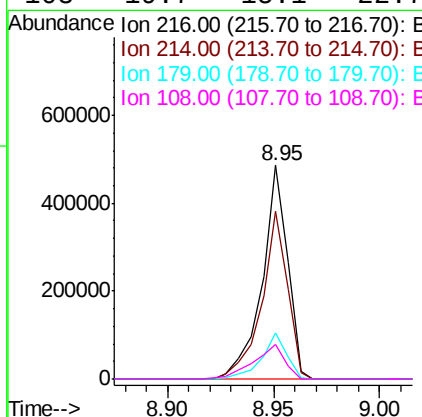
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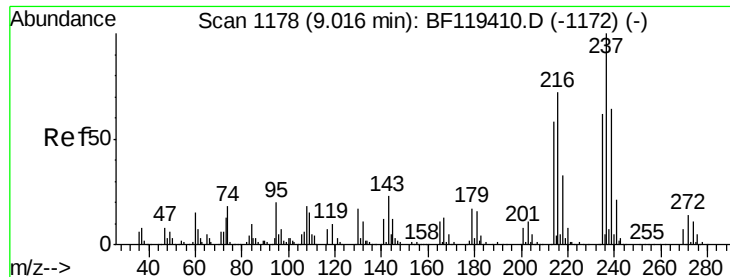
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.817 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.2	63.2	94.8	
179	20.9	17.1	25.7	
108	19.7	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 103.899 ng

RT: 8.94 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

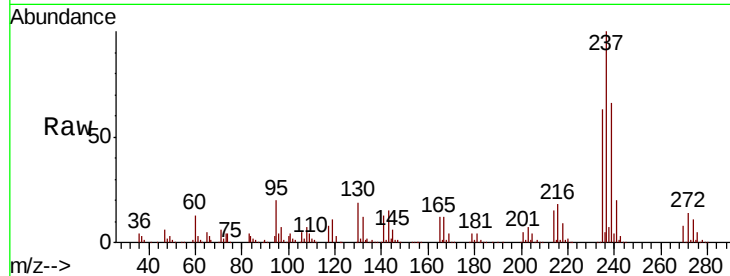
ClientSampleId :

PB128016BS

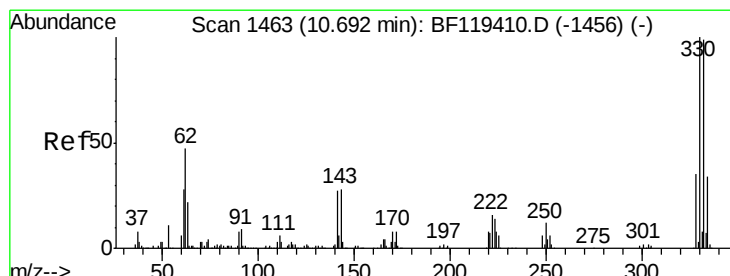
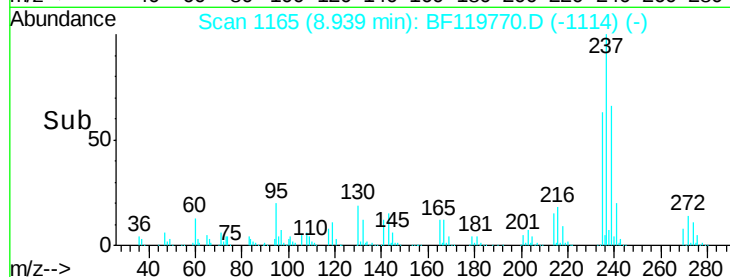
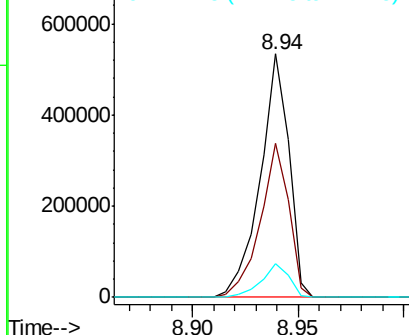
Tot Ion:	237	Resp:	506154
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.2	83.2
272	13.7	0.0	34.1

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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: 155.271 ng

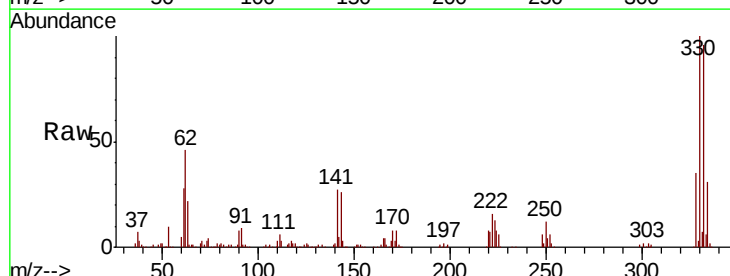
RT: 10.62 min Scan# 1451

Delta R.T. -0.00 min

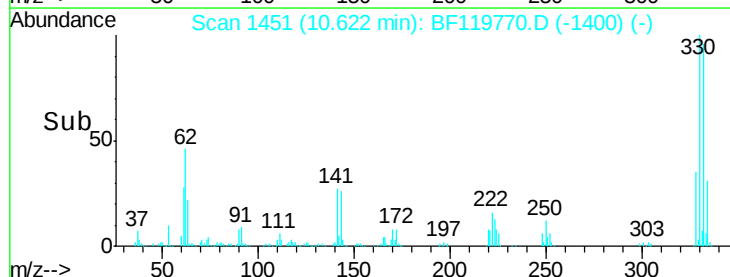
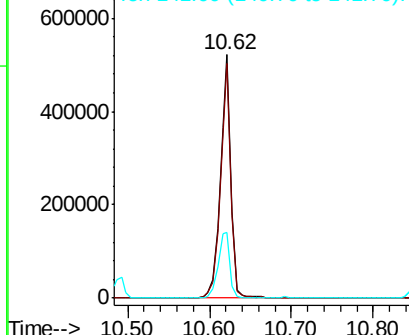
Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt Ion:	330	Resp:	468306
Ion Ratio	Lower	Upper	
330	100		
332	95.7	75.7	113.5
141	30.8	25.4	38.0



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





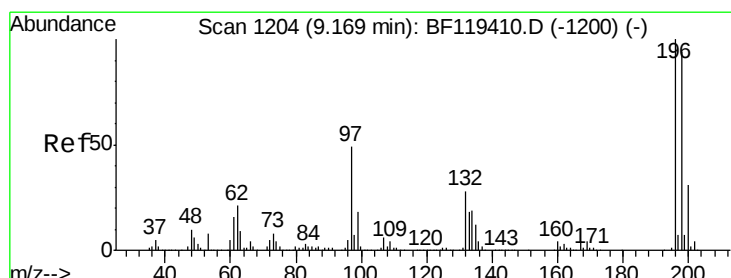
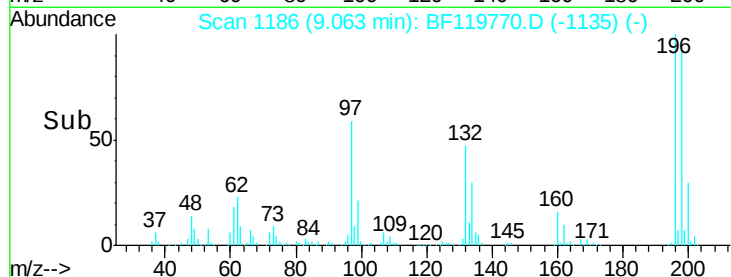
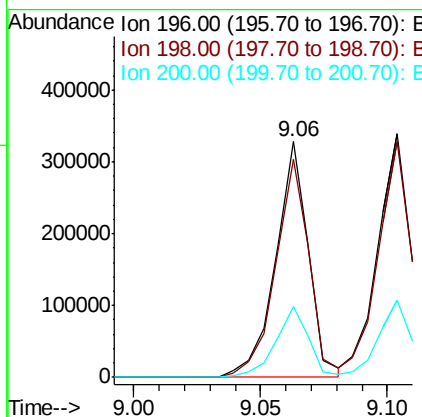
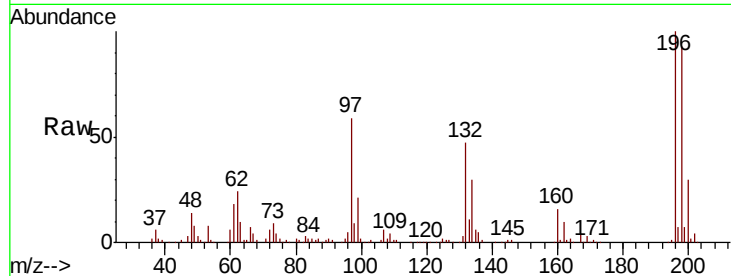
#43
 2,4,6-Trichlorophenol
 Concen: 48.204 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	295592		
198	92.8	76.6	115.0	
200	30.2	24.6	36.8	

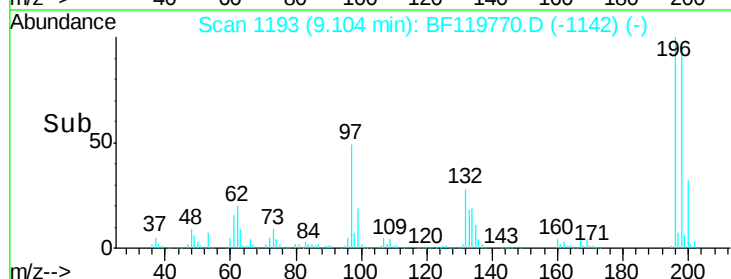
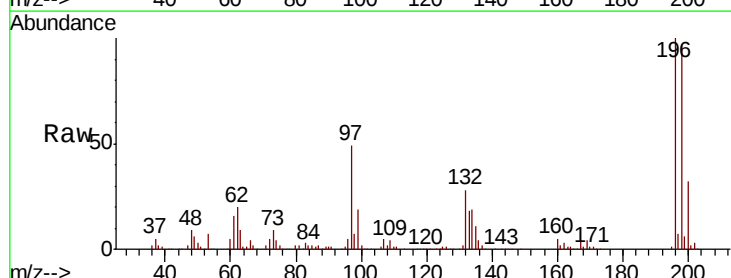
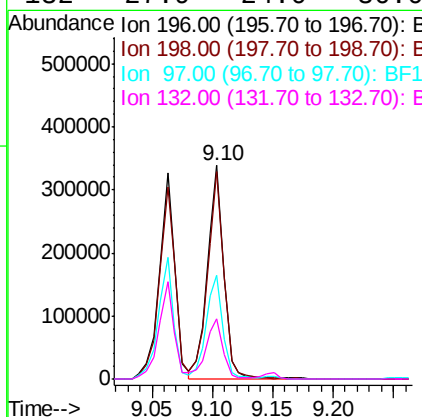
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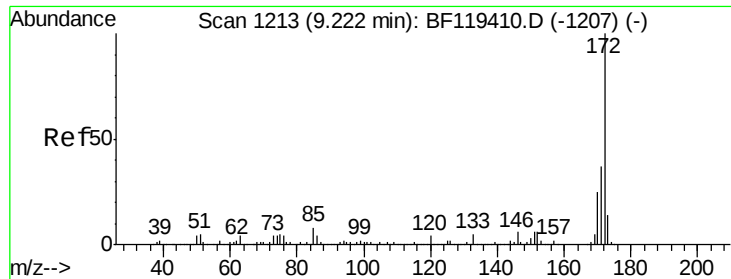
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 46.297 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	318031		
198	97.1	73.8	110.8	
97	48.5	42.6	63.8	
132	27.9	24.0	36.0	





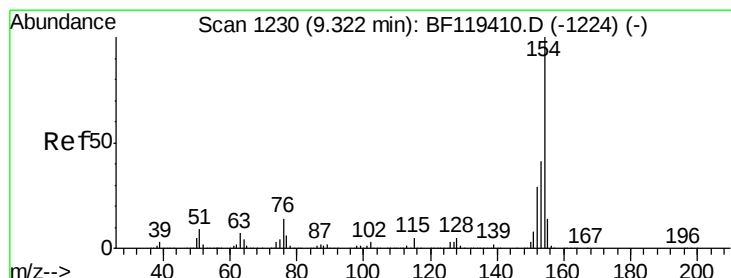
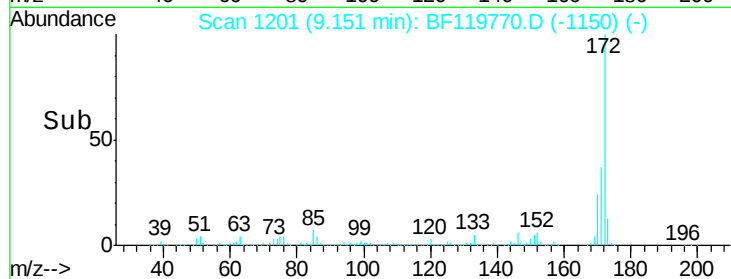
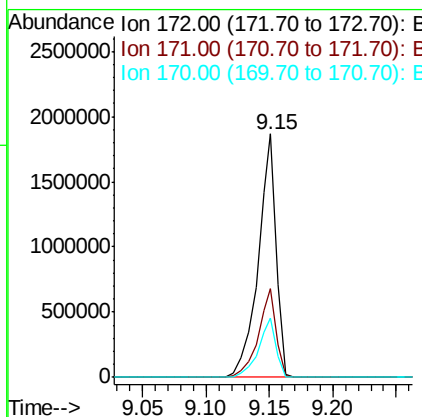
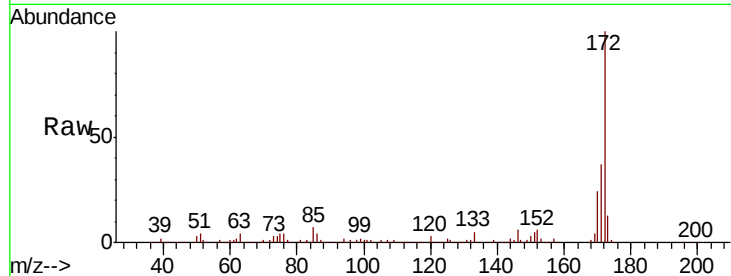
#45
2-Fluorobiphenyl
Concen: 93.768 ng
RT: 9.15 min Scan# 1201
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.5	29.6	44.4	
170	24.3	20.2	30.2	

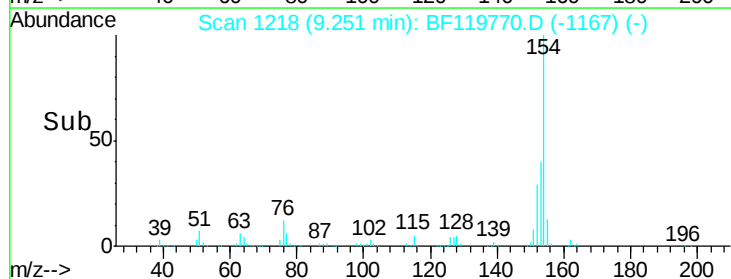
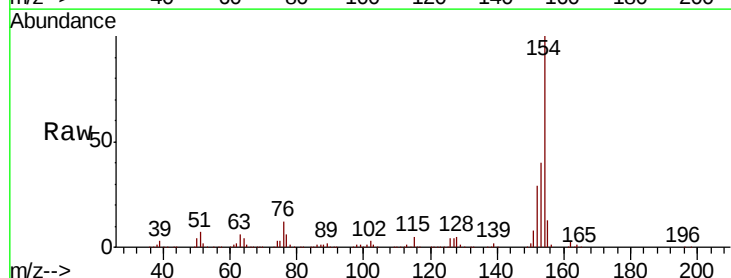
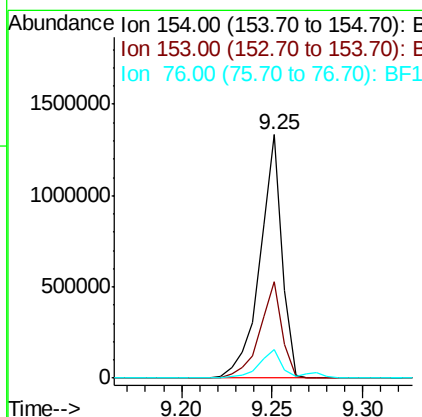
Manual Integrations
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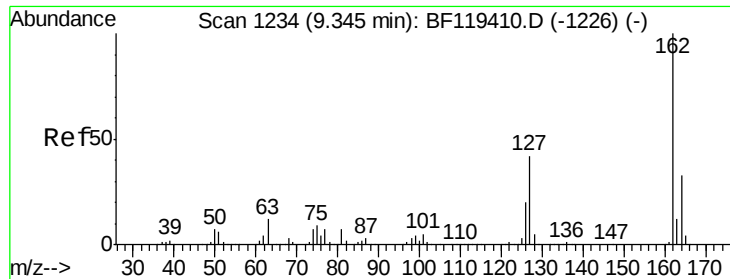
mohammad
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#46
1,1'-Biphenyl
Concen: 47.279 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	39.7	21.4	61.4	
76	11.7	0.0	33.0	





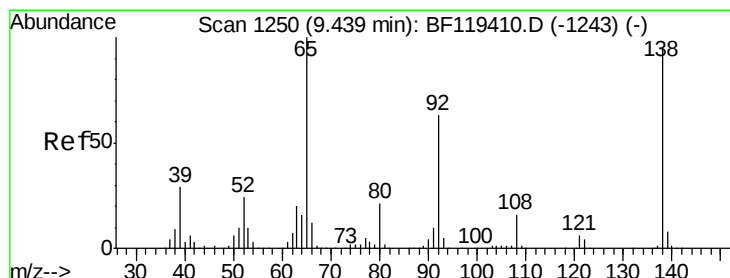
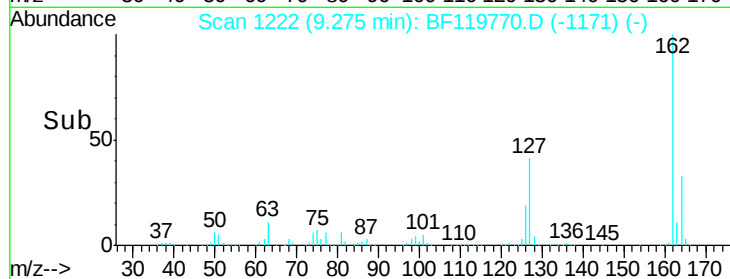
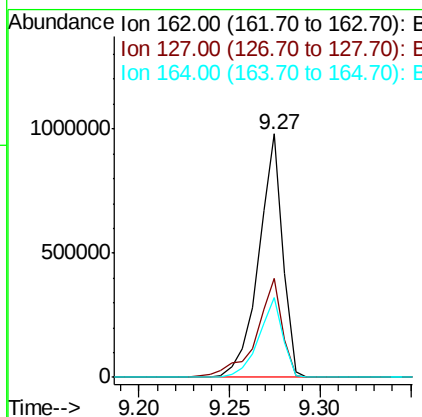
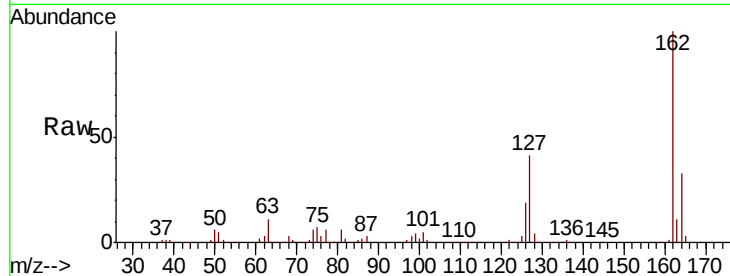
#47
 2-Chloronaphthalene
 Concen: 47.969 ng
 RT: 9.27 min Scan# 1222
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	894670		
127	40.8		33.7	50.5
164	32.8		26.3	39.5

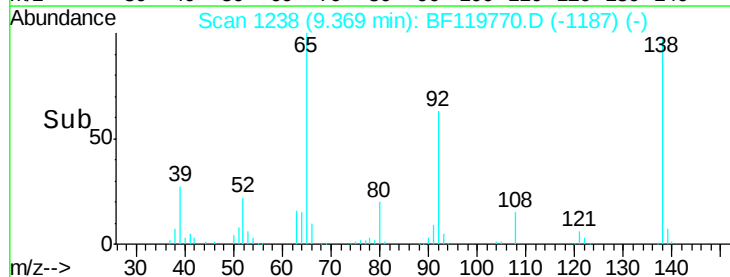
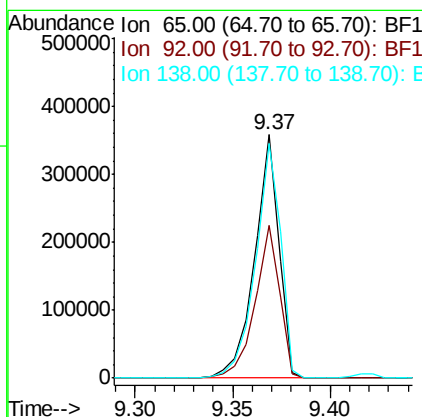
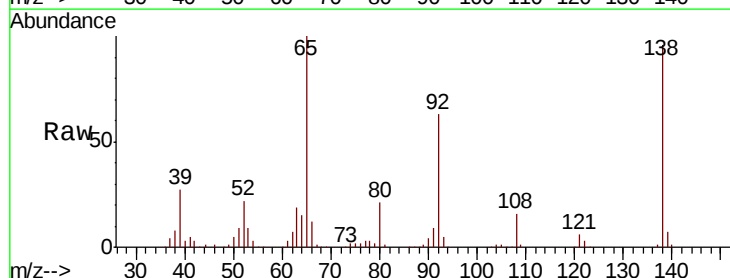
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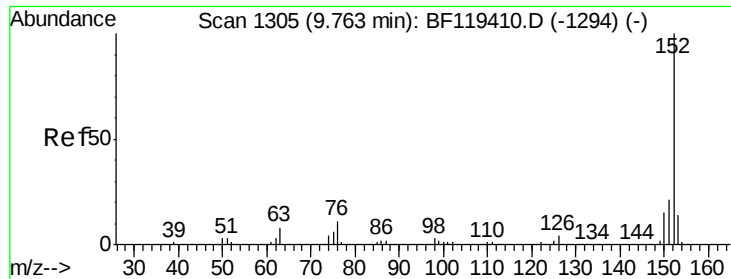
mohammad
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#48
 2-Nitroaniline
 Concen: 48.289 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	310864		
92	62.8		50.0	75.0
138	96.2		75.0	112.4





#49

Acenaphthylene

Concen: 46.451 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

Tot Ion:152 Resp: 1360505

Ion Ratio Lower Upper

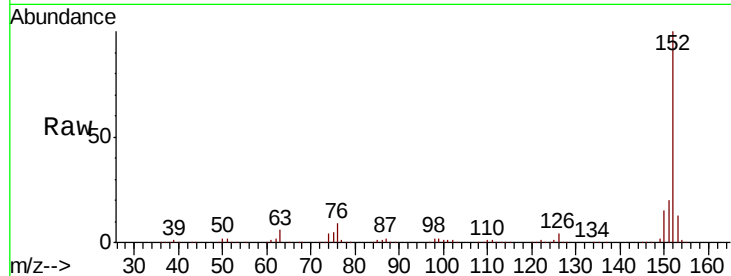
152 100

151 20.5 17.2 25.8

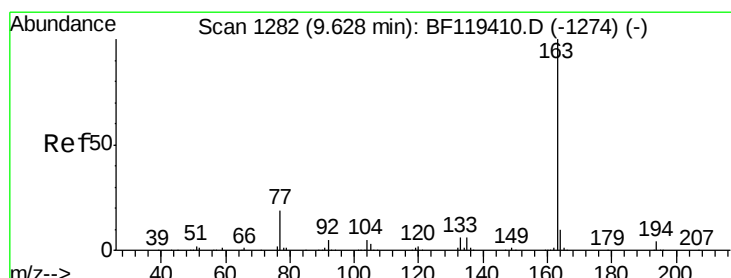
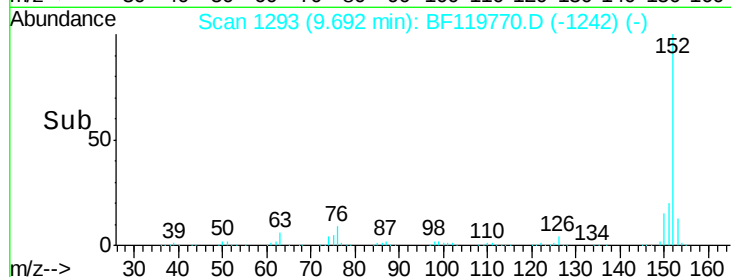
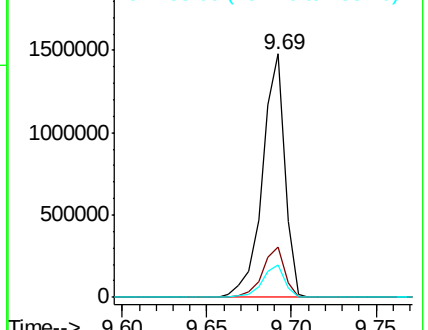
153 13.4 11.2 16.8

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Abundance Ion 152.00 (151.70 to 152.70): E
2000000 Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.824 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

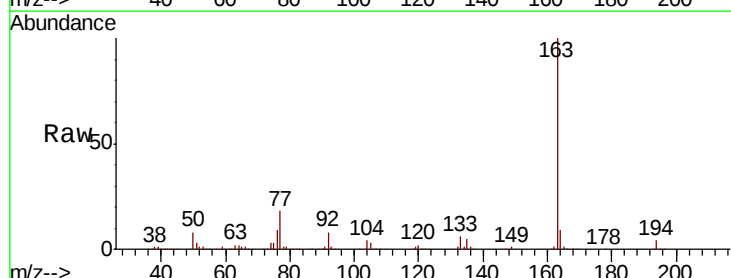
Tgt Ion:163 Resp: 993096

Ion Ratio Lower Upper

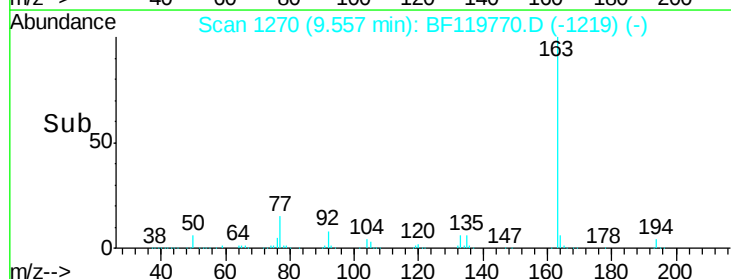
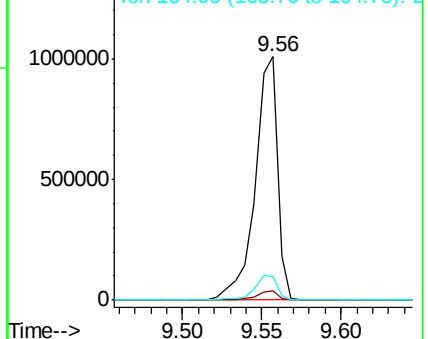
163 100

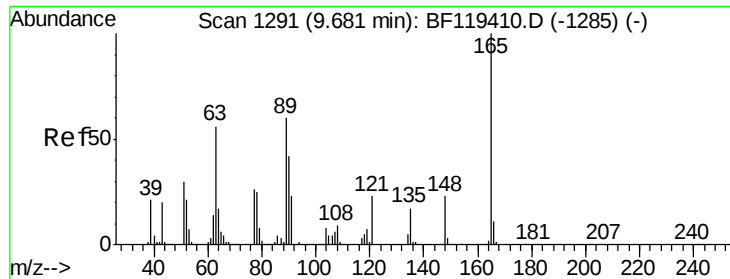
194 4.1 3.1 4.7

164 9.4 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 53.466 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

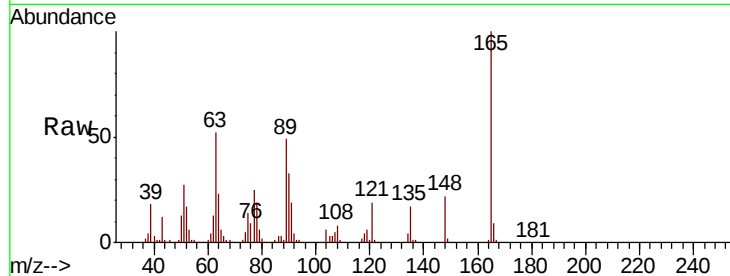
ClientSampleId :

PB128016BS

Tot Ion:	165	Resp:	237975
Ion Ratio	Lower	Upper	
165	100		
63	51.7	45.0	67.4
89	48.7	41.5	62.3

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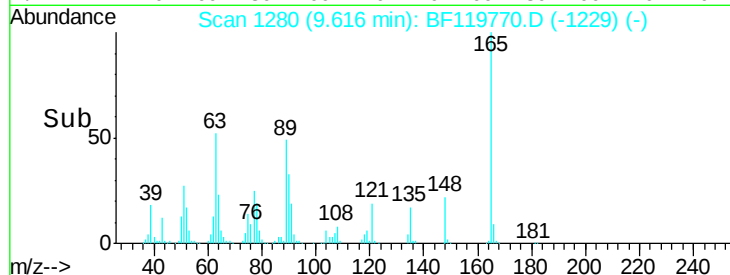


Abundance Ion 165.00 (164.70 to 165.70): E

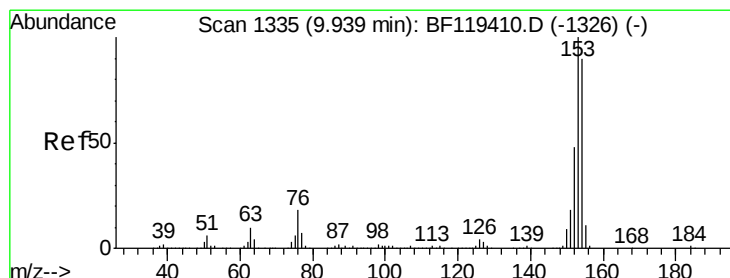
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 45.958 ng

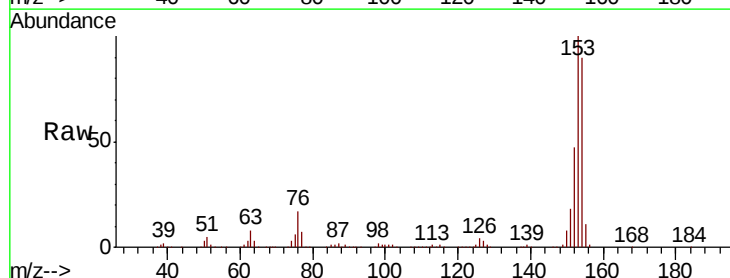
RT: 9.86 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt Ion:	154	Resp:	839140
Ion Ratio	Lower	Upper	
154	100		
153	111.7	88.1	132.1
152	52.8	43.0	64.4

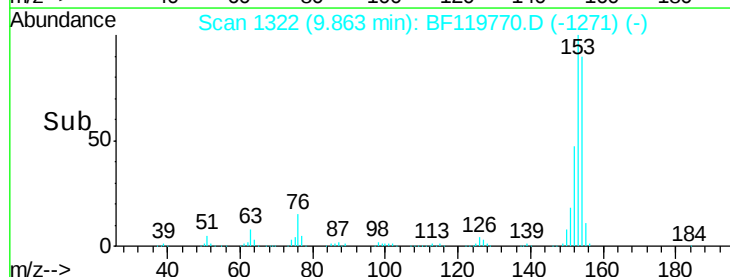


Abundance Ion 154.00 (153.70 to 154.70): E

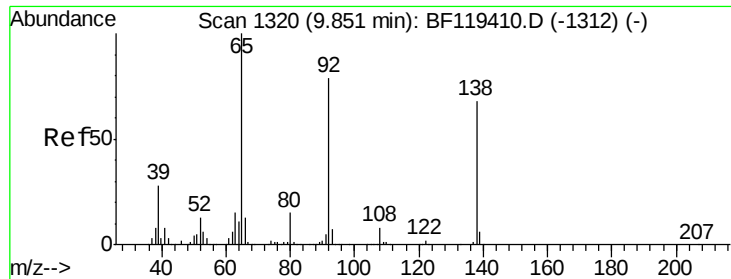
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



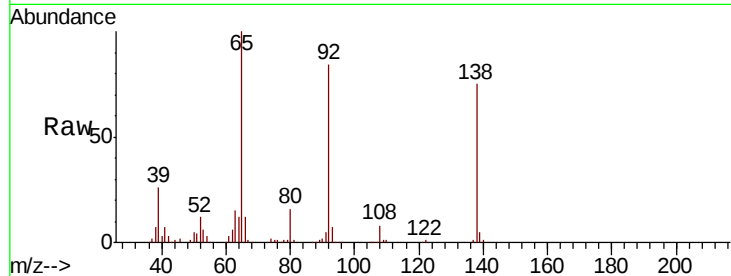
#53
3-Nitroaniline
Concen: 29.490 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Resp	Lower	Upper
138	100	165715		
108	10.0	8.6	13.0	
92	111.0	95.4	143.0	

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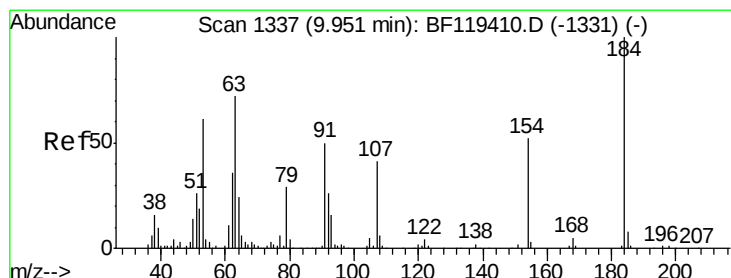
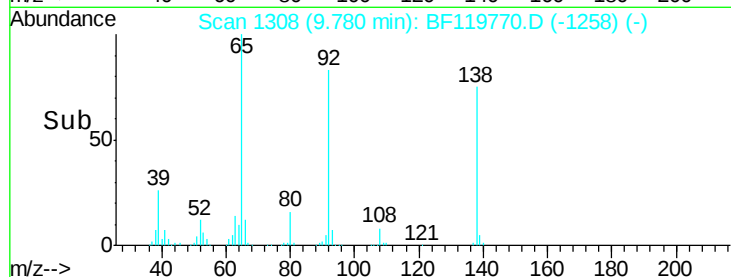
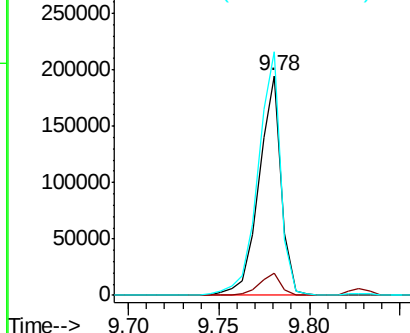


Abundance

Ion 138.00 (137.70 to 138.70): E

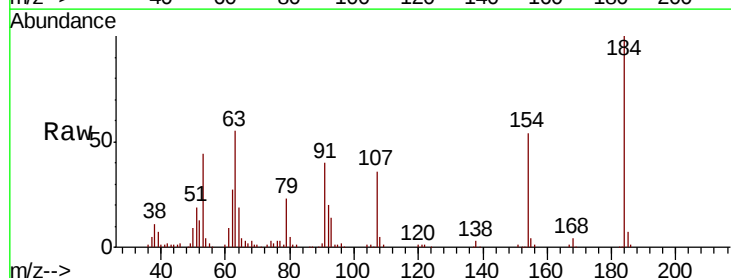
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 135.697 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	272074		
63	54.7	50.2	75.4	
154	53.7	44.5	66.7	

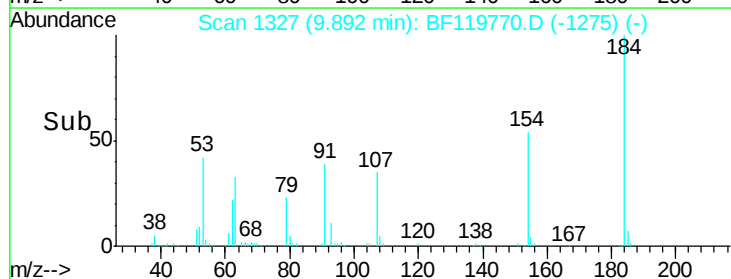
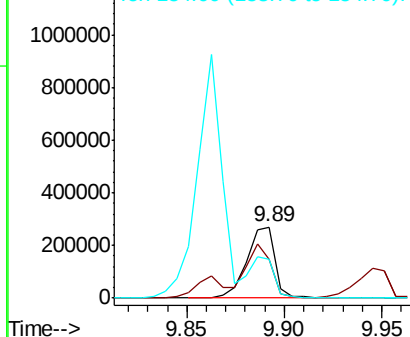


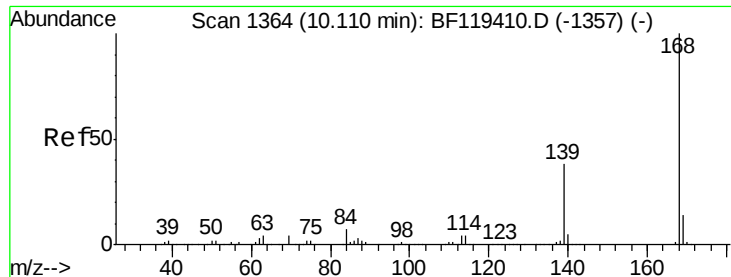
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





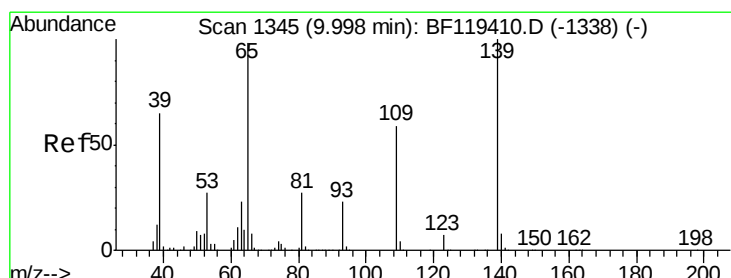
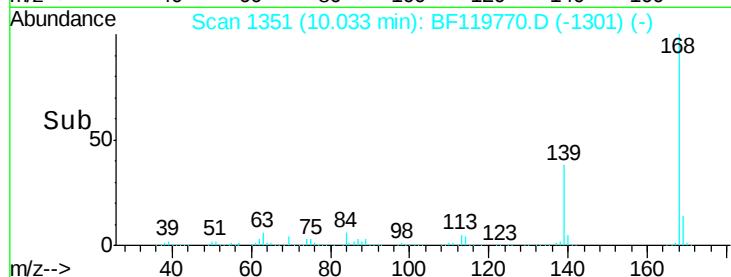
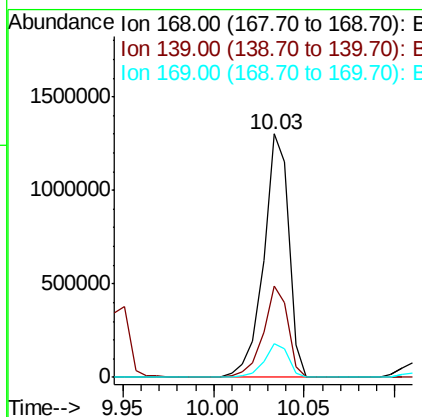
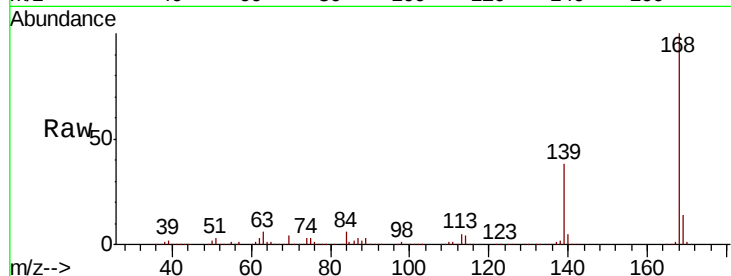
#55
Dibenzofuran
Concen: 47.910 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:168 Resp: 1254235
Ion Ratio Lower Upper
168 100
139 37.5 30.1 45.1
169 13.8 11.0 16.6

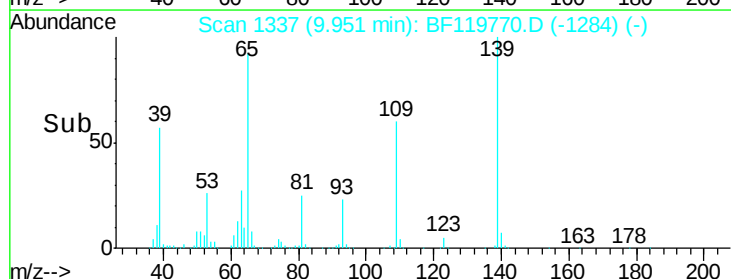
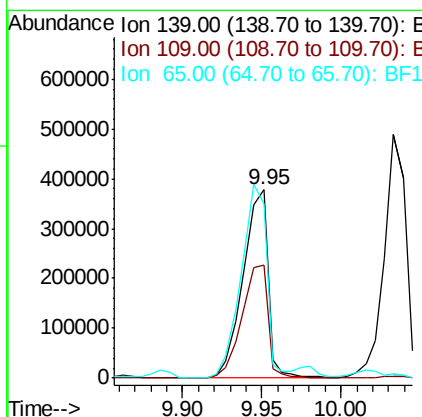
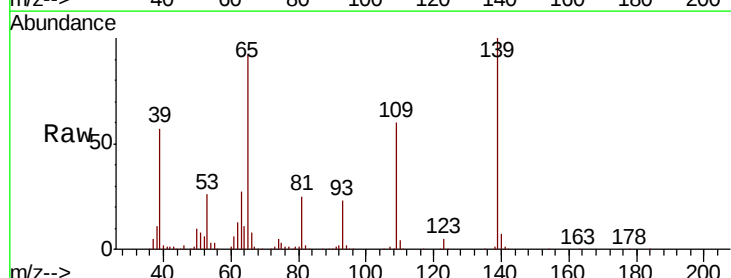
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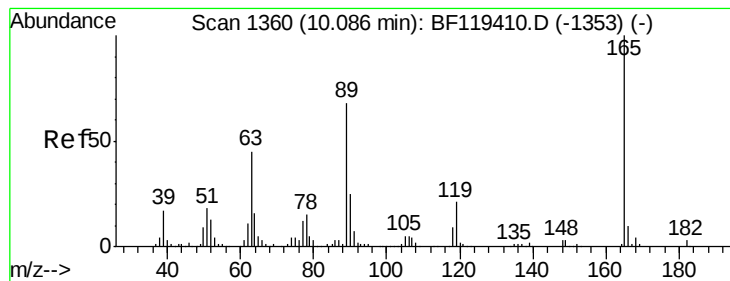
mohammad
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#56
4-Nitrophenol
Concen: 93.757 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:139 Resp: 415615
Ion Ratio Lower Upper
139 100
109 60.2 43.3 83.3
65 92.4 91.0 131.0





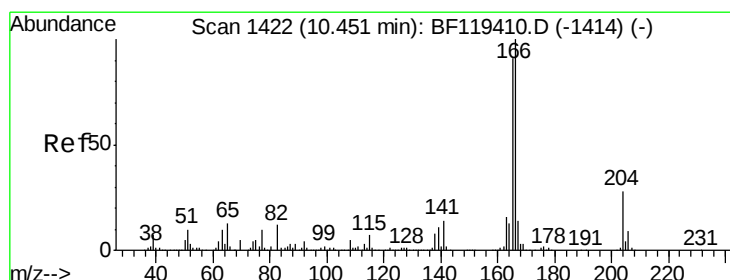
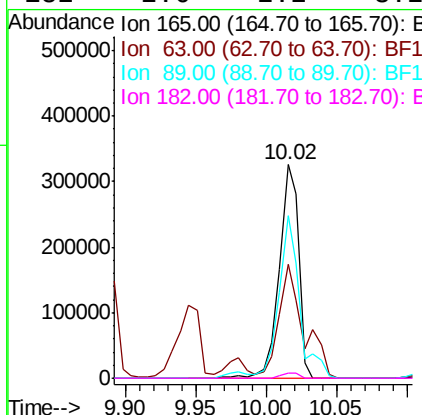
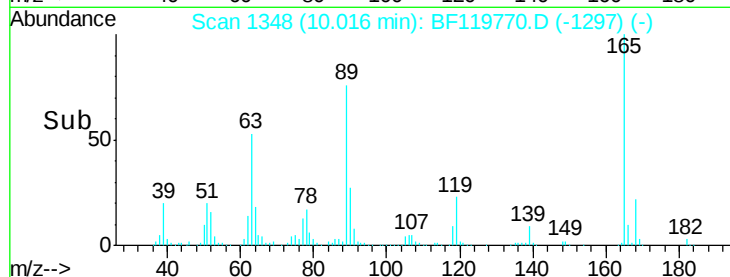
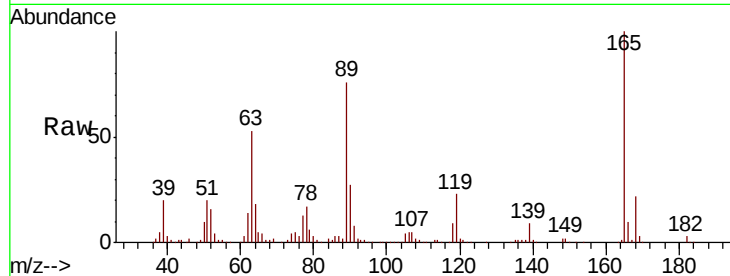
#57
2,4-Dinitrotoluene
Concen: 55.694 ng
RT: 10.02 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.3	42.6	64.0
89	75.9	61.0	91.4
182	2.6	2.2	3.2

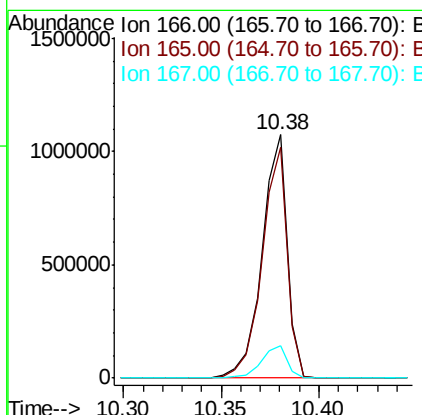
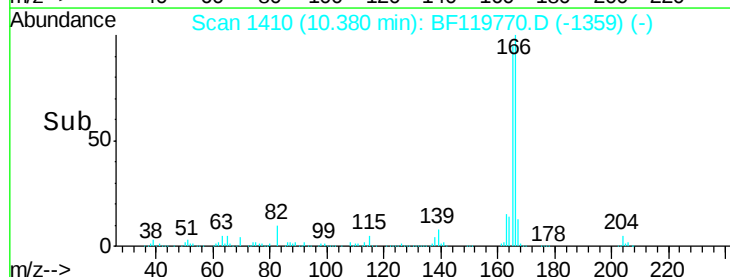
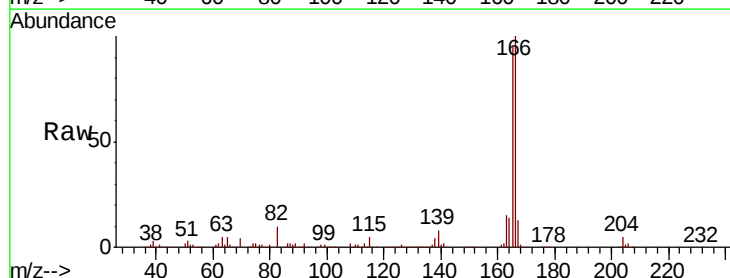
Manual Integrations
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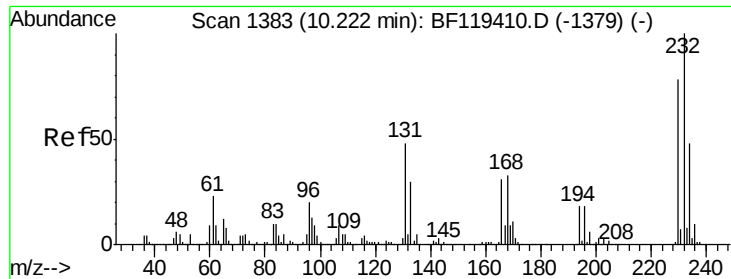
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#58
Fluorene
Concen: 49.416 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.6	75.4	113.2
167	13.5	11.2	16.8





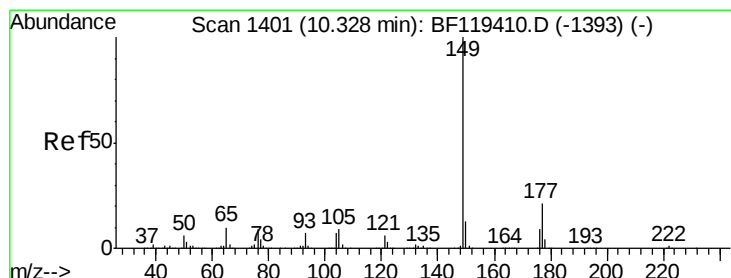
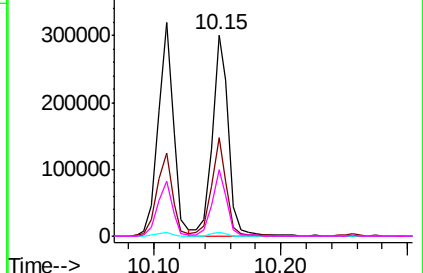
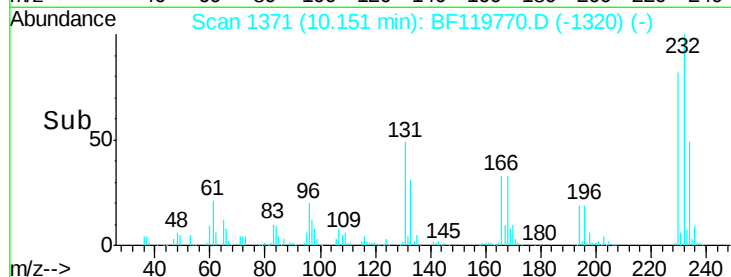
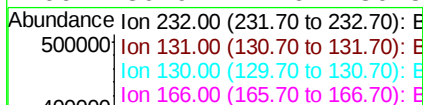
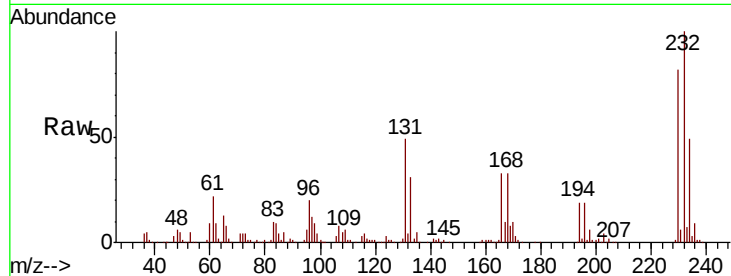
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 53.385 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	274121		
131	45.0		37.5	56.3
130	2.1		1.8	2.6
166	30.9		24.6	36.8

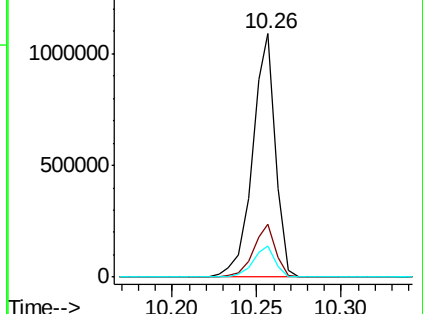
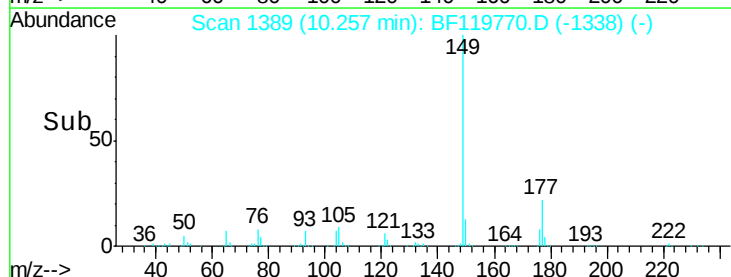
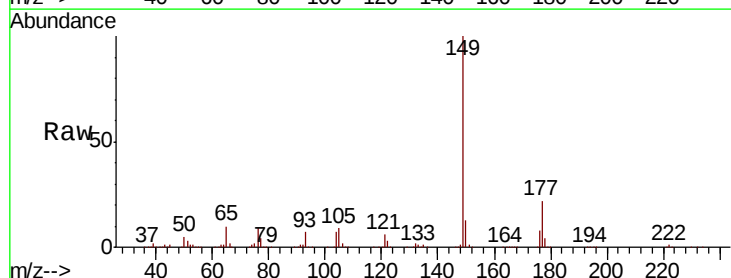
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#60
 Diethylphthalate
 Concen: 48.890 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1030397		
177	22.0		17.0	25.6
150	12.6		10.1	15.1





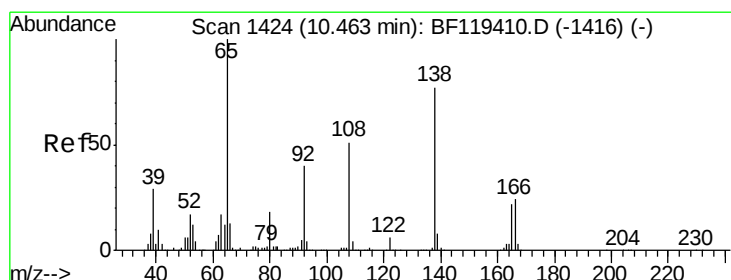
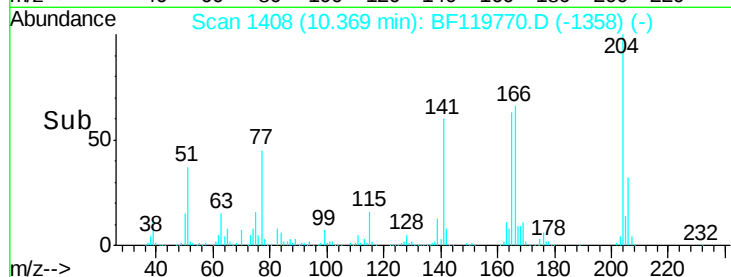
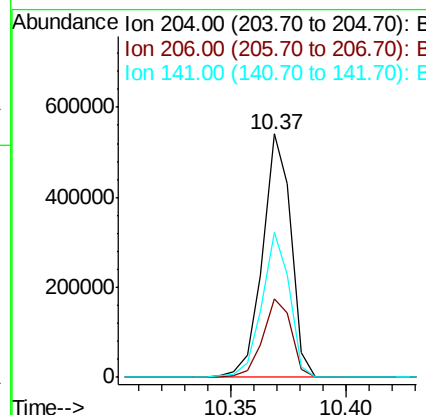
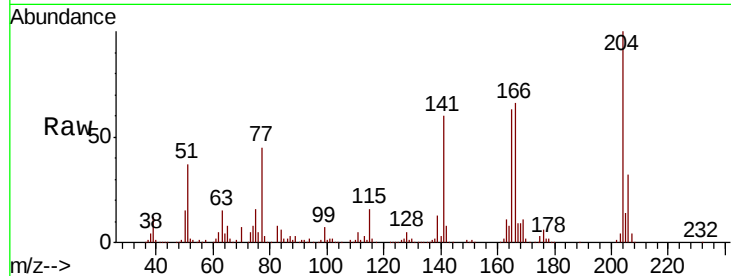
#61
4-Chlorophenyl-phenylether
Concen: 49.060 ng
RT: 10.37 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.7	40.1
141	59.7	47.3	70.9

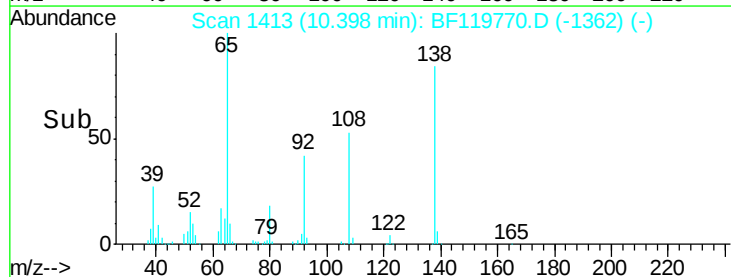
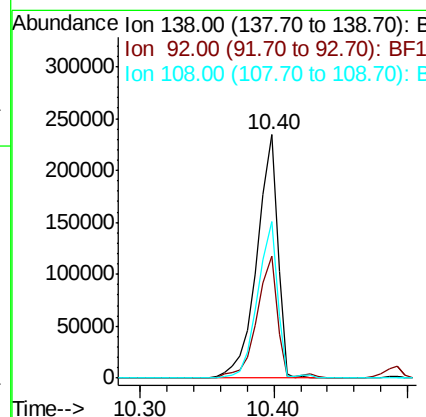
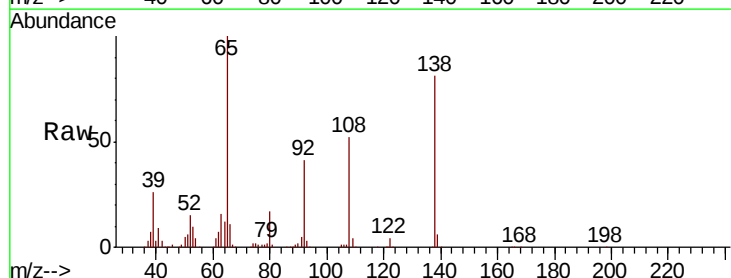
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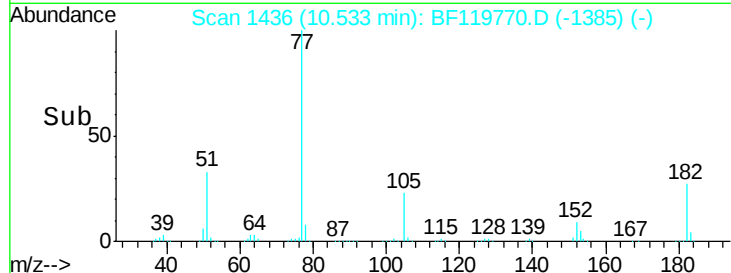
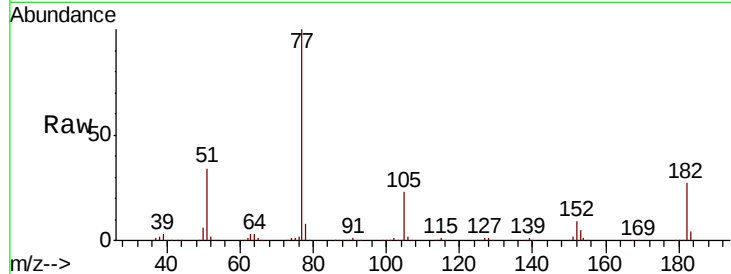
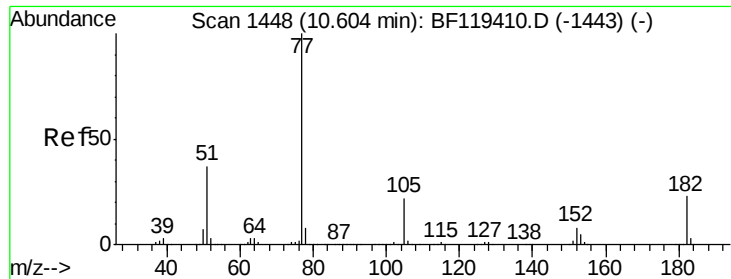
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#62
4-Nitroaniline
Concen: 46.312 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.5	71.5
108	64.4	45.8	85.8





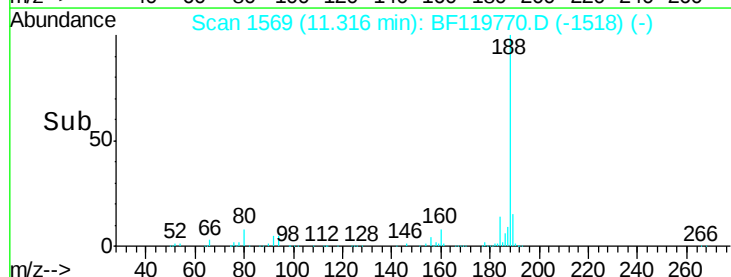
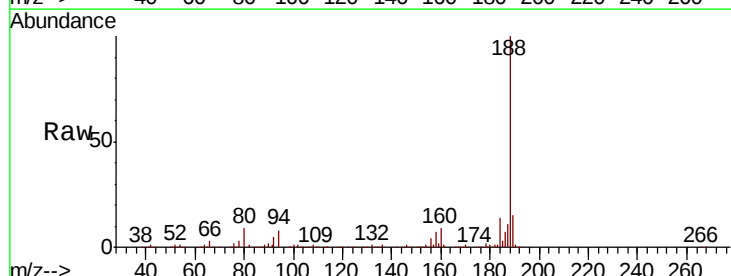
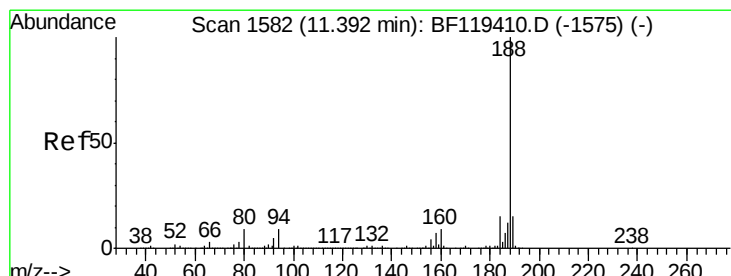
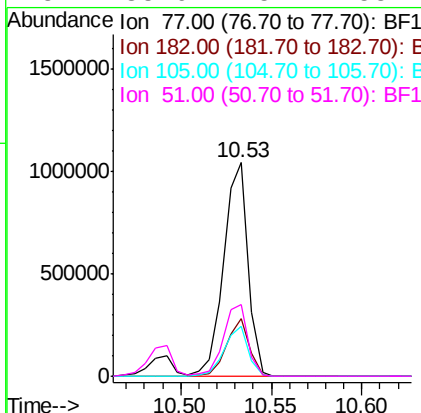
#63
Azobenzene
Concen: 45.979 ng
RT: 10.53 min Scan# 1436
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		975837		
182	26.7	4.4	44.4		
105	23.2	2.6	42.6		
51	33.6	15.1	55.1		

Instrument :
BNA_F
ClientSampleId :
PB128016BS

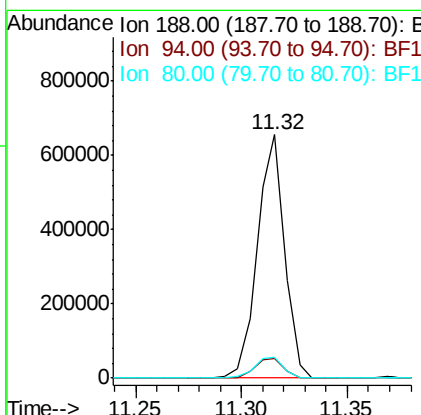
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		588412		
94	8.3	7.5	11.3		
80	8.8	9.0	13.4		





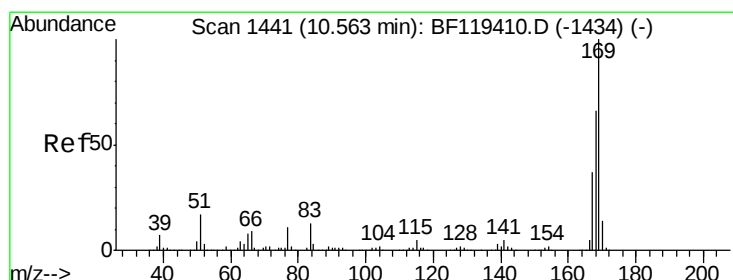
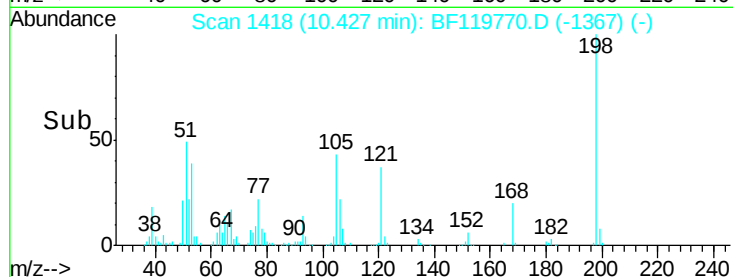
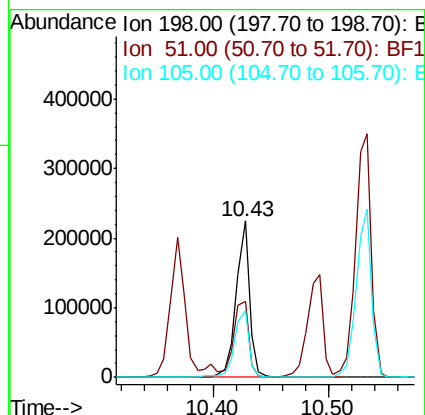
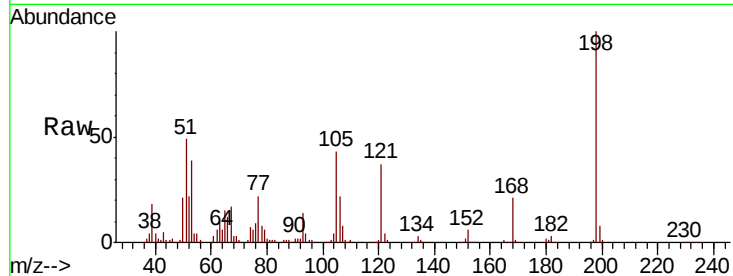
#65
4,6-Dinitro-2-methylphenol
Concen: 73.353 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	180990		
51	48.6	29.0	69.0	
105	42.9	22.2	62.2	

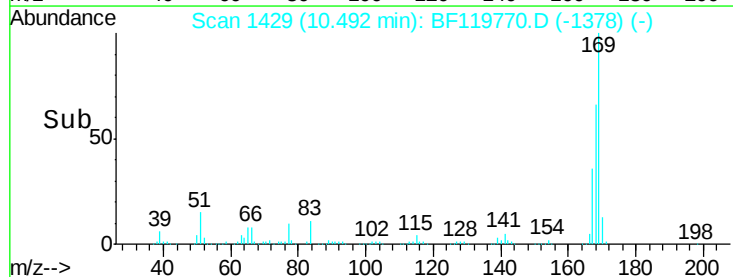
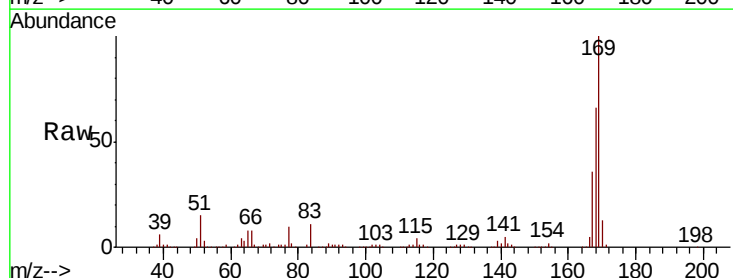
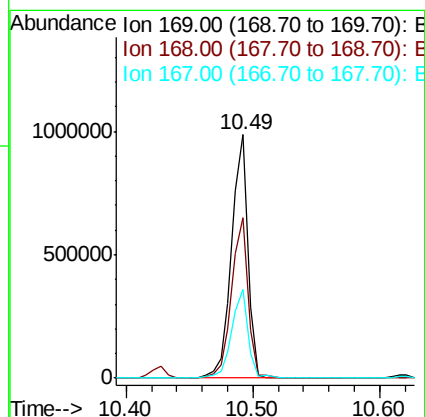
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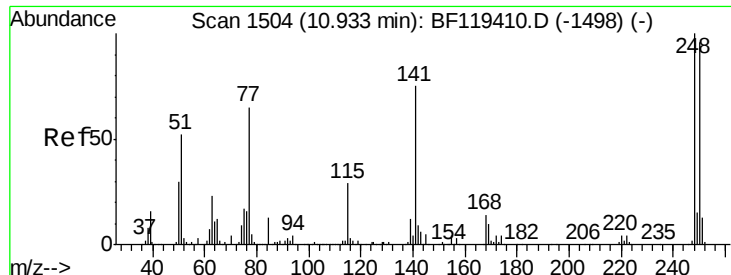
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#66
n-Nitrosodiphenylamine
Concen: 45.248 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	874037		
168	65.9	53.2	79.8	
167	36.3	29.1	43.7	





#67

4-Bromophenyl-phenylether

Concen: 44.375 ng

RT: 10.86 min Scan# 1492

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

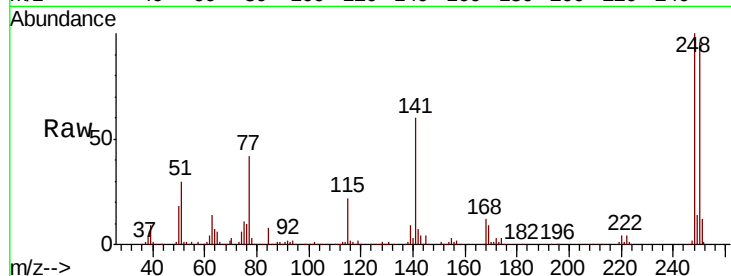
ClientSampleId :

PB128016BS

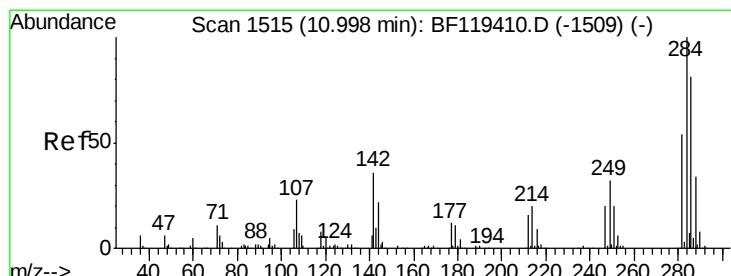
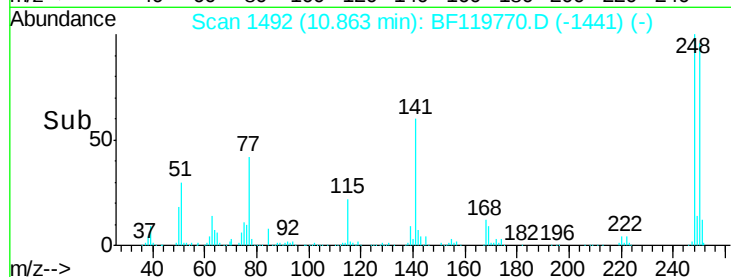
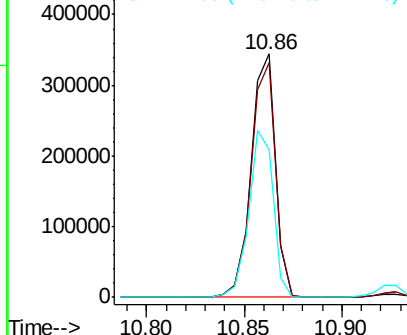
Tot Ion:	248	Resp:	297370
Ion Ratio	Lower	Upper	
248	100		
250	96.2	77.3	115.9
141	60.4	58.6	87.8

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



#68

Hexachlorobenzene

Concen: 47.401 ng

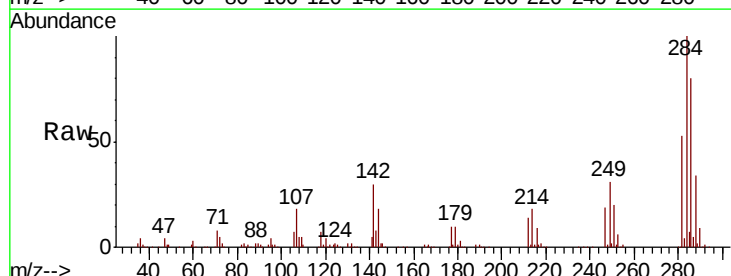
RT: 10.93 min Scan# 1503

Delta R.T. -0.00 min

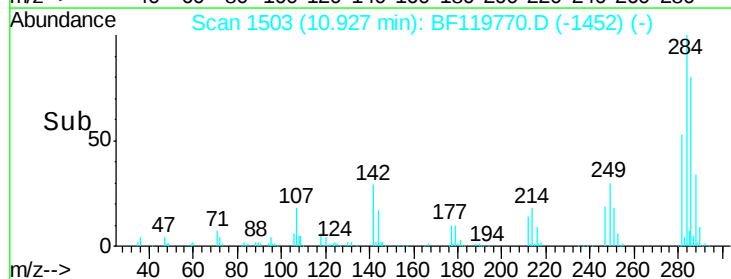
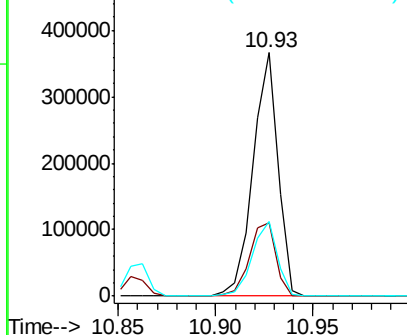
Lab File: BF119770.D

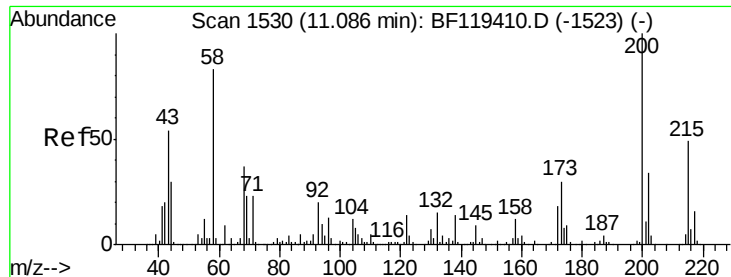
Acq: 6 Apr 2020 14:31

Tgt Ion:	284	Resp:	325107
Ion Ratio	Lower	Upper	
284	100		
142	30.0	29.2	43.8
249	30.7	25.1	37.7



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





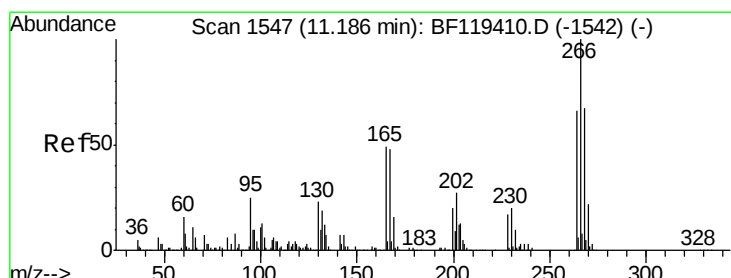
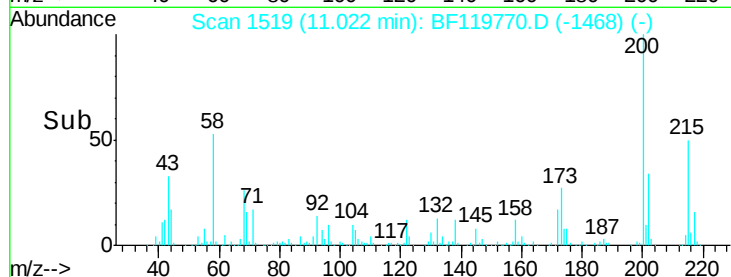
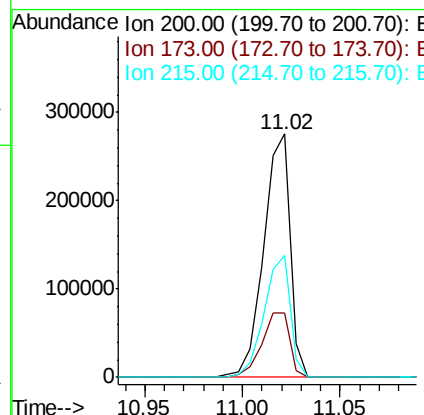
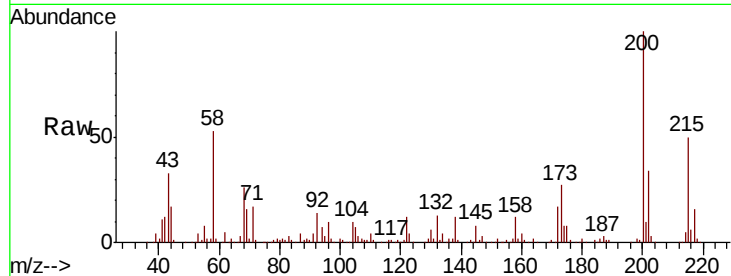
#69
Atrazine
Concen: 49.021 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.6	9.3	49.3
215	50.2	29.5	69.5

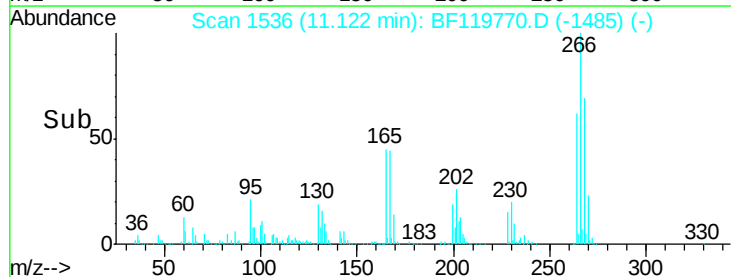
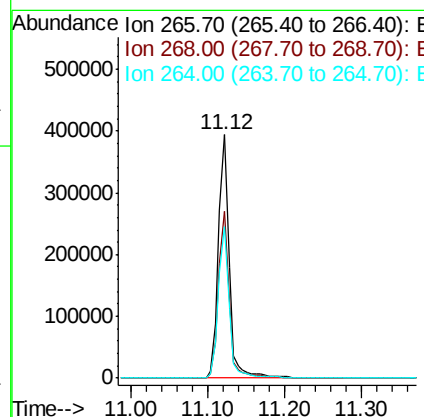
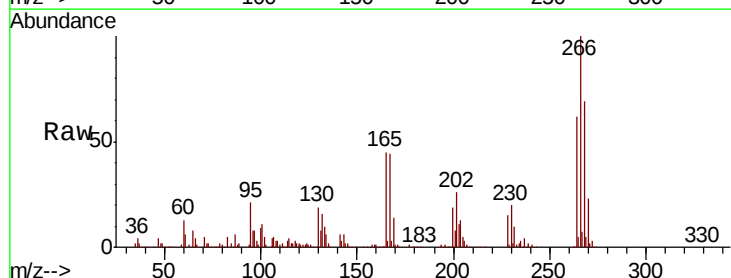
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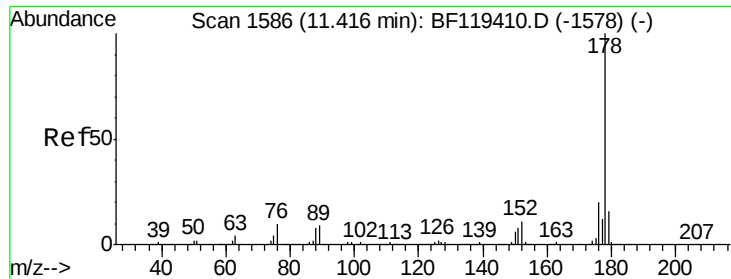
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#70
Pentachlorophenol
Concen: 94.214 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	68.7	53.3	79.9
264	62.3	49.0	73.4





#71

Phenanthrene

Concen: 48.052 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

ClientSampleId :

PB128016BS

Tot Ion:178 Resp: 1466094

Ion Ratio Lower Upper

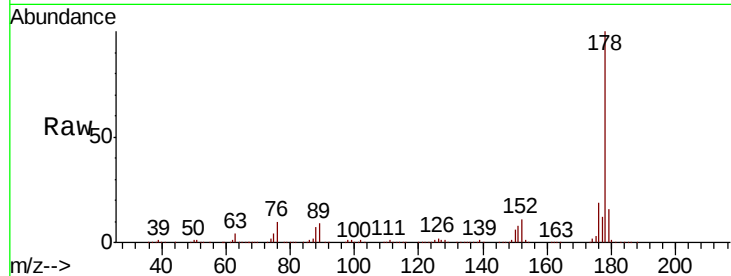
178 100

176 19.4 16.2 24.4

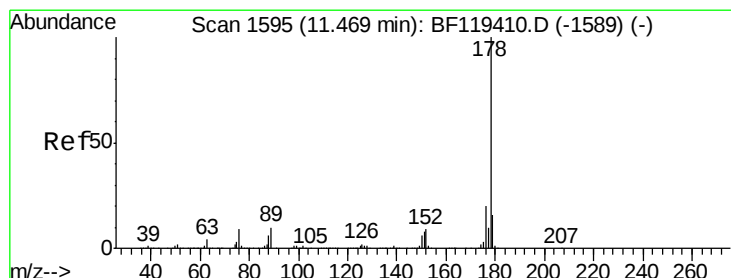
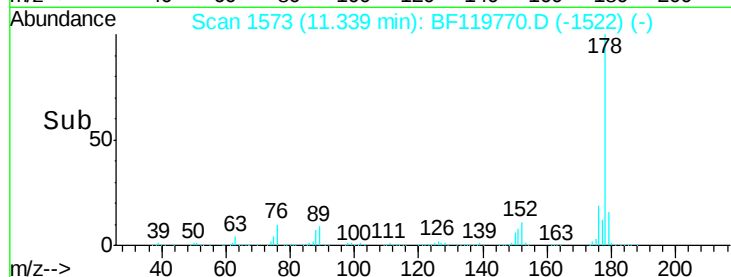
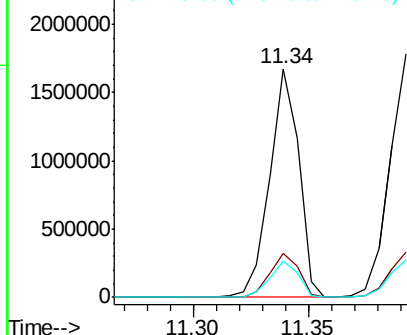
179 15.9 13.2 19.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 49.054 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt Ion:178 Resp: 1521118

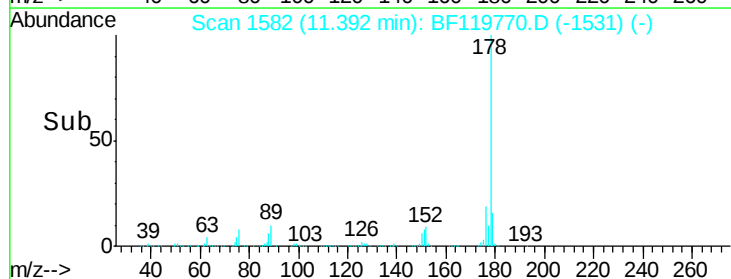
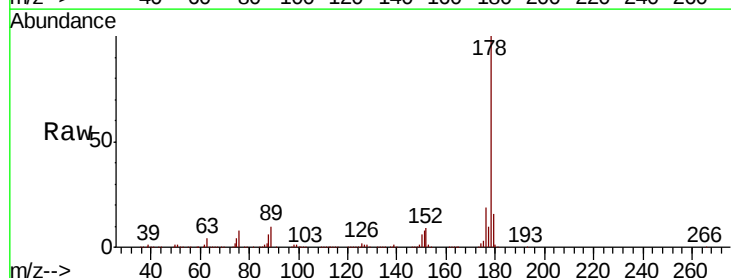
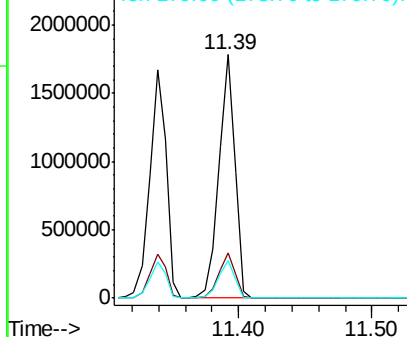
Ion Ratio Lower Upper

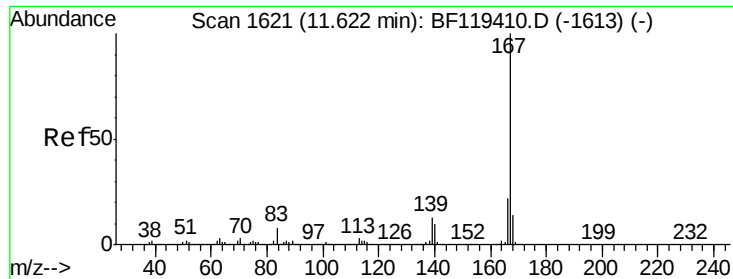
178 100

176 18.6 16.1 24.1

179 15.6 13.0 19.4

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





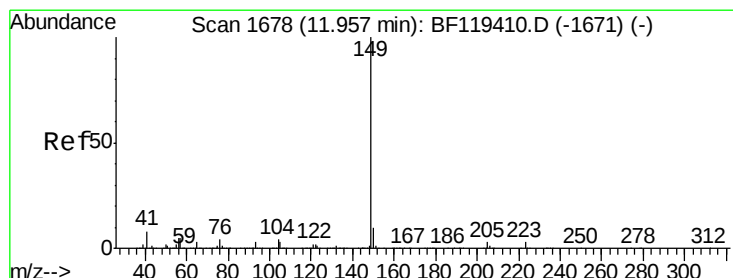
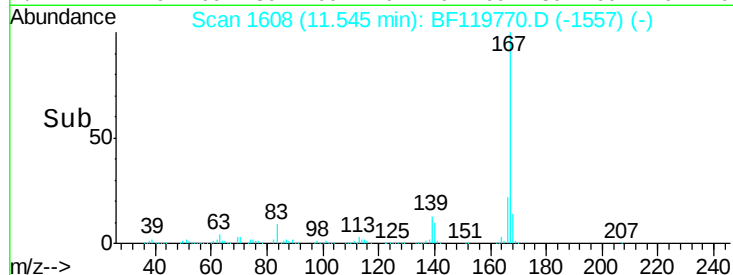
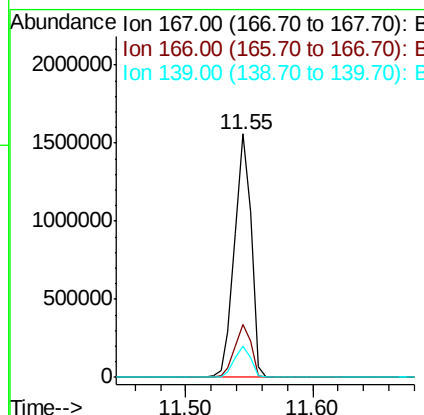
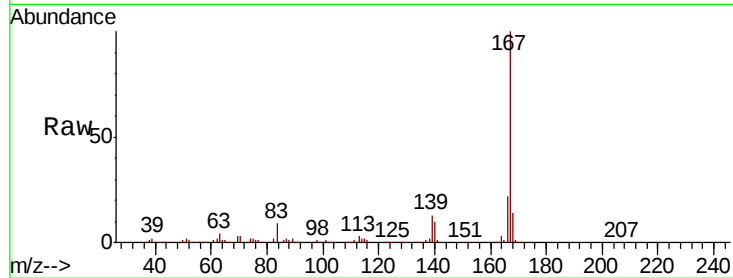
#73
 Carbazole
 Concen: 45.673 ng
 RT: 11.55 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion:167 Resp: 1401850
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.2 27.4
 139 13.0 10.7 16.1

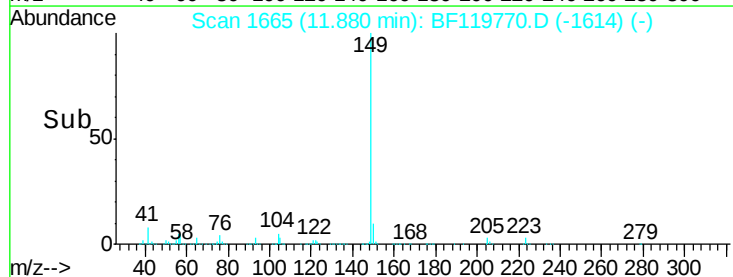
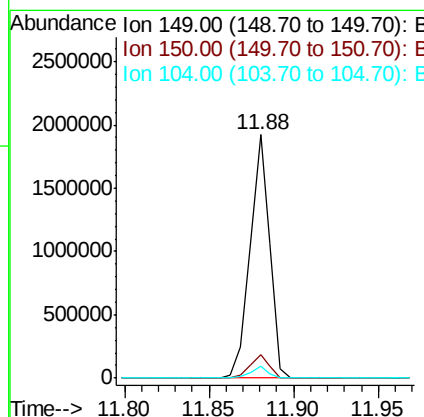
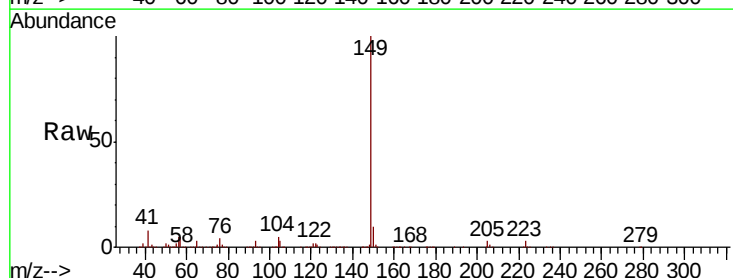
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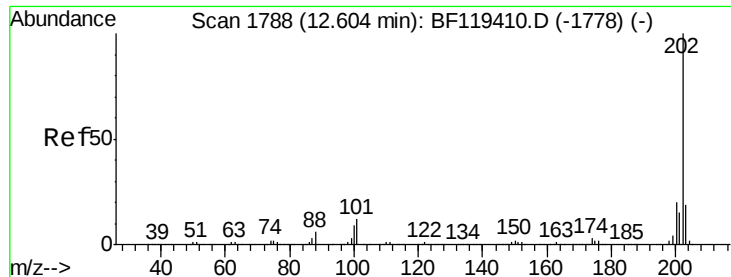
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#74
 Di-n-butylphthalate
 Concen: 47.603 ng
 RT: 11.88 min Scan# 1665
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion:149 Resp: 1562983
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.8 11.8
 104 4.7 3.6 5.4





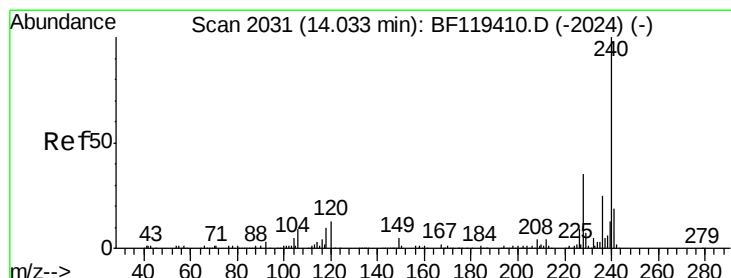
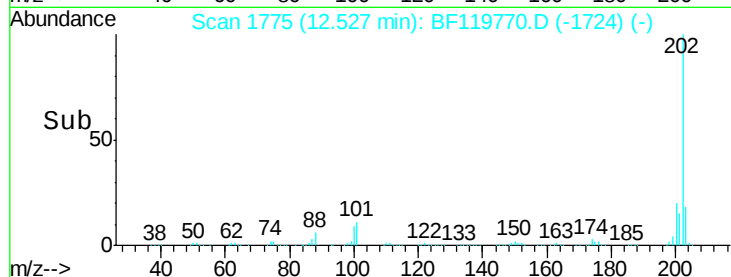
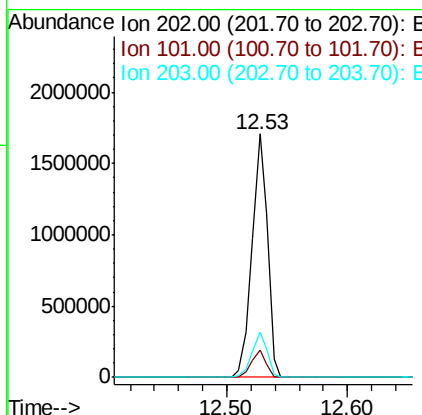
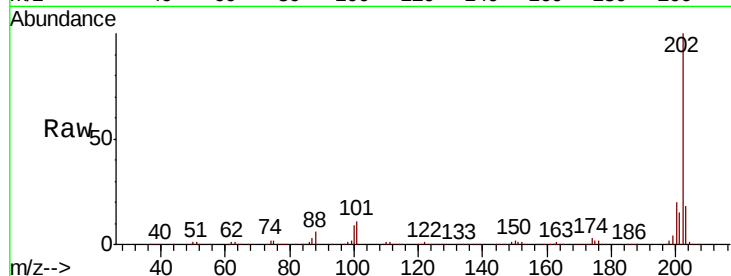
#75
Fluoranthene
Concen: 46.512 ng
RT: 12.53 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	32.2
203	18.3	0.0	38.8

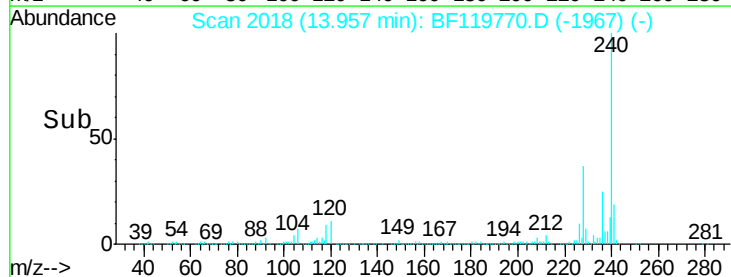
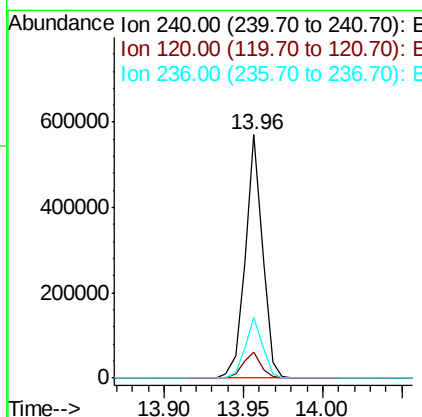
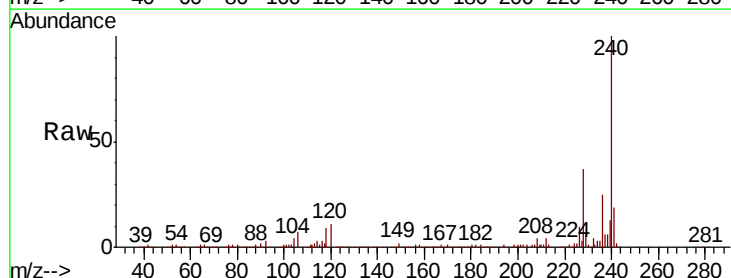
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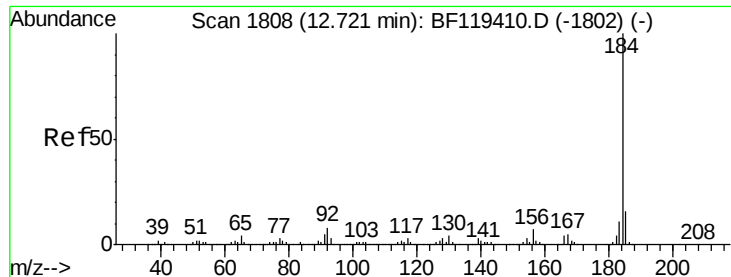
mohammad
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#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.7	10.6	15.8
236	24.8	20.2	30.2





#77

Benzidine

Concen: 37.879 ng

RT: 12.65 min Scan# 1796

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Instrument :

BNA_F

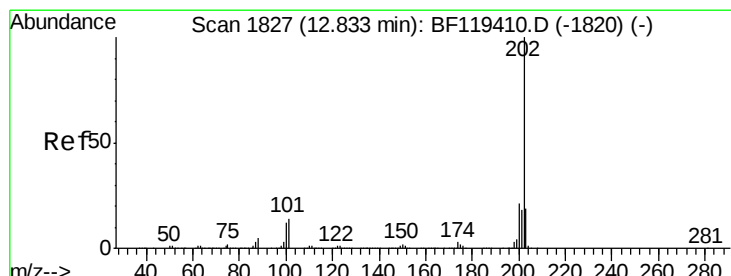
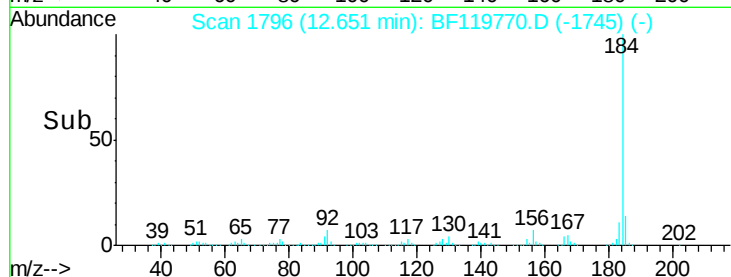
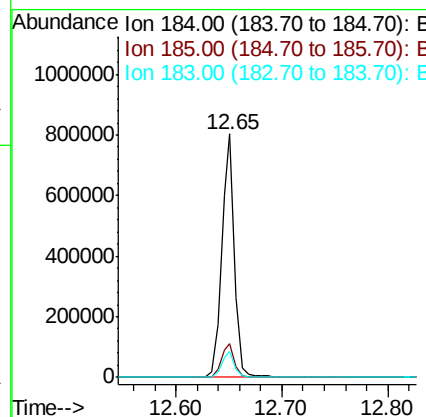
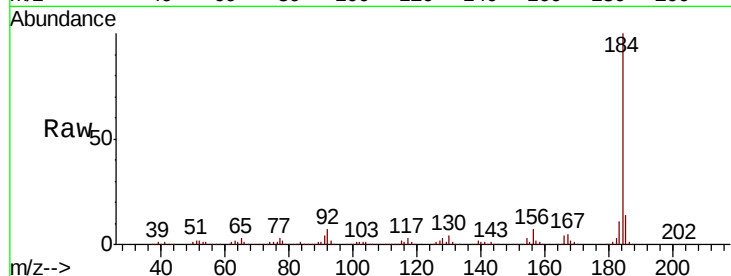
ClientSampleId :

PB128016BS

Tot Ion:	184	Resp:	683619
Ion Ratio	Lower	Upper	
184	100		
185	14.1	12.3	18.5
183	10.7	9.0	13.6

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#78

Pyrene

Concen: 44.809 ng

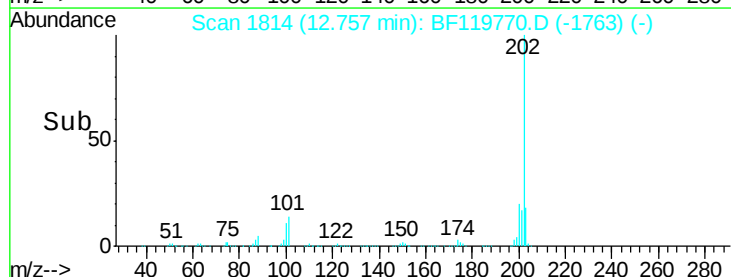
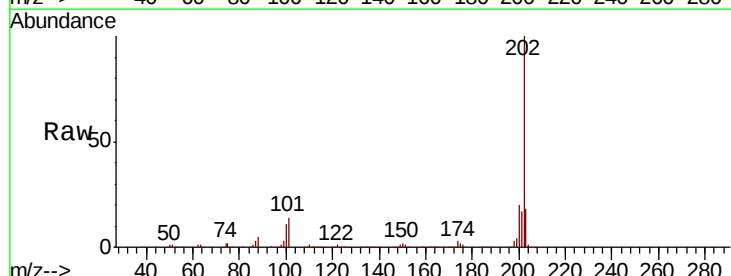
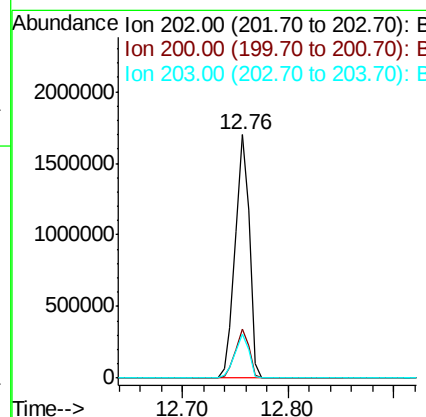
RT: 12.76 min Scan# 1814

Delta R.T. -0.00 min

Lab File: BF119770.D

Acq: 6 Apr 2020 14:31

Tgt Ion:	202	Resp:	1568268
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.8	25.2
203	17.9	15.1	22.7





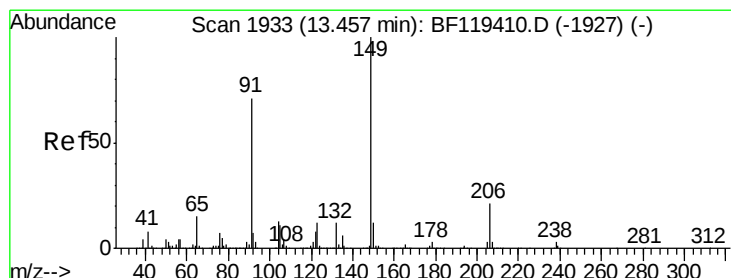
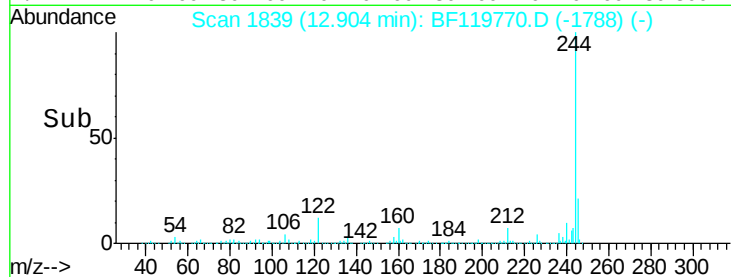
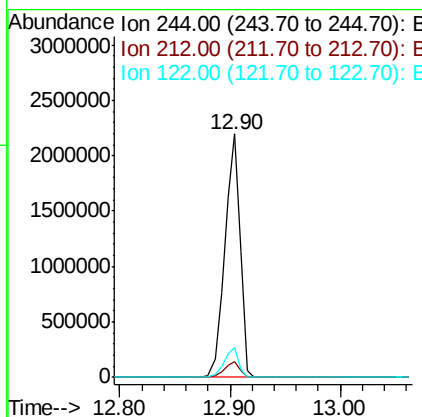
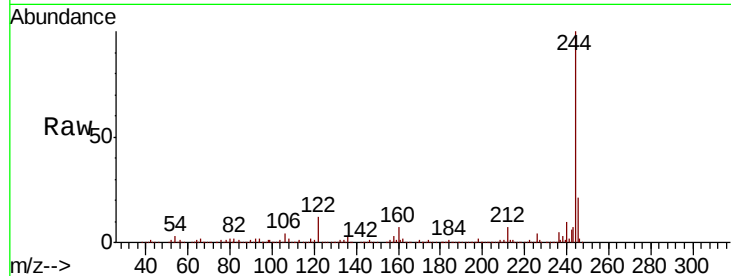
#79
 Terphenyl-d14
 Concen: 97.046 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	12.1	10.3	15.5

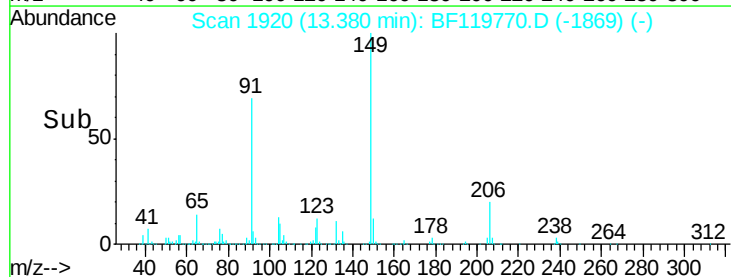
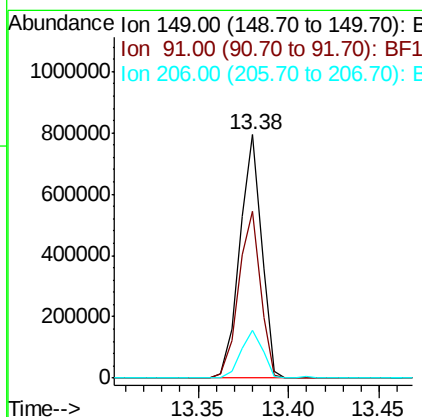
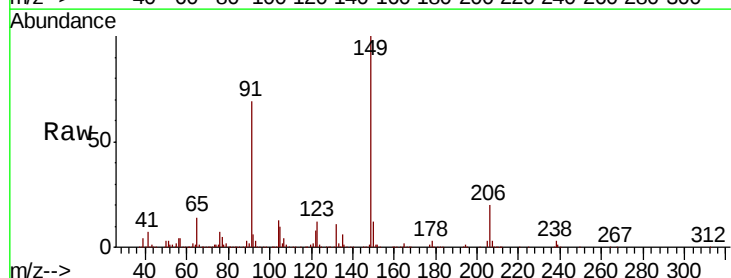
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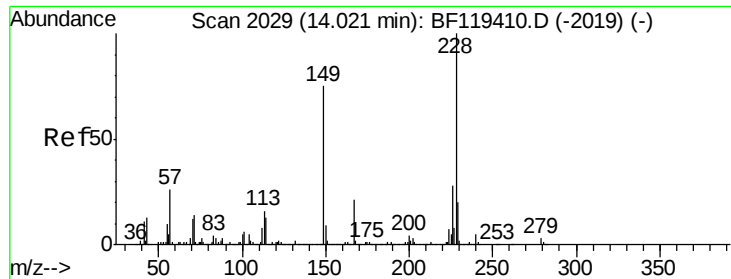
mohammad
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#80
 Butylbenzylphthalate
 Concen: 46.954 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.5	54.7	82.1
206	19.8	16.2	24.2





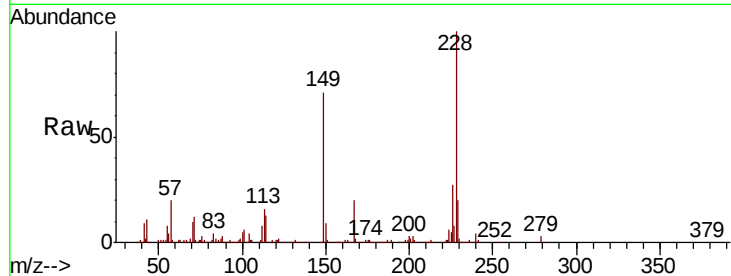
#81
Benzo(a)anthracene
Concen: 46.464 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.8	32.8
229	20.1	16.2	24.4

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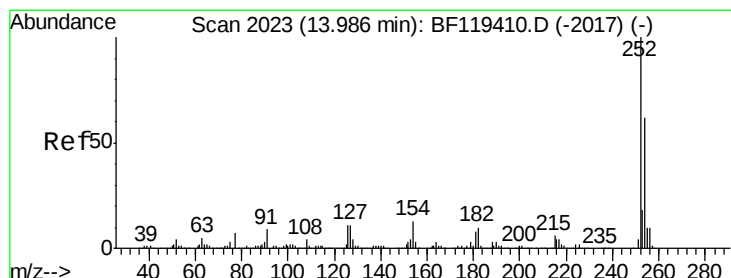
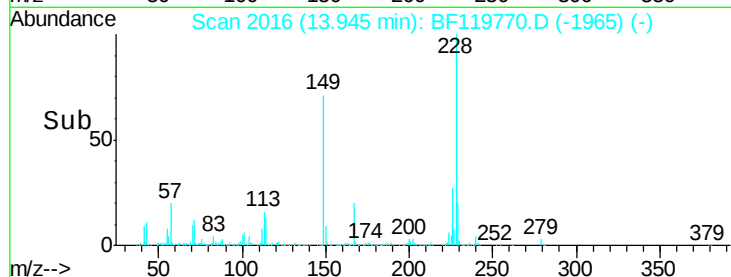
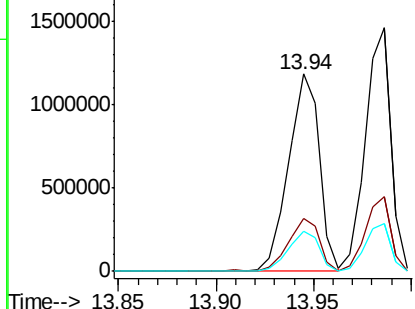


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 33.302 ng
RT: 13.91 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

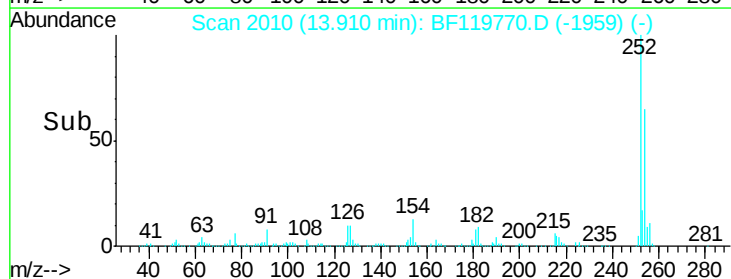
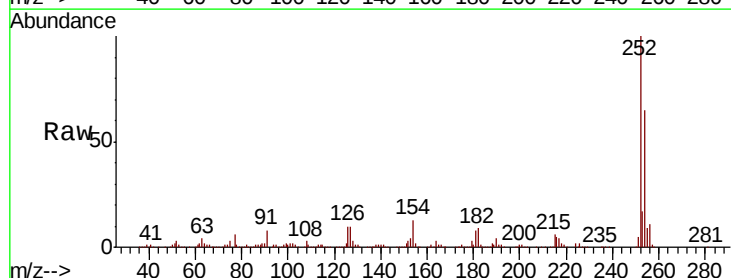
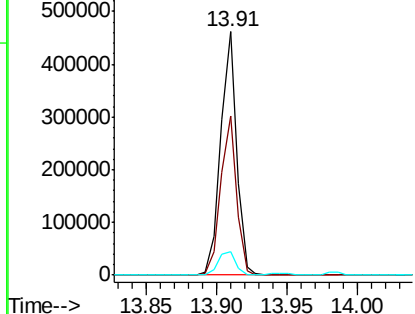
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	51.2	76.8
126	9.9	9.6	14.4

Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





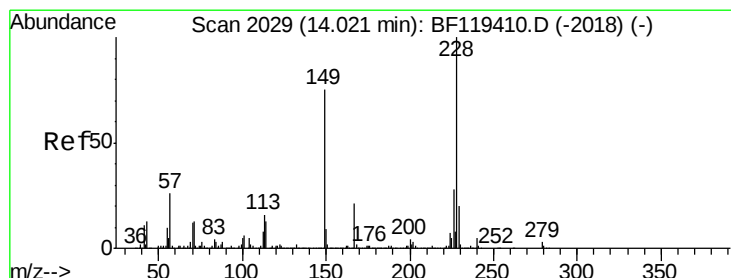
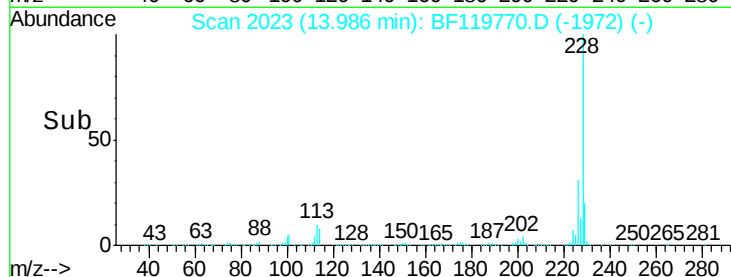
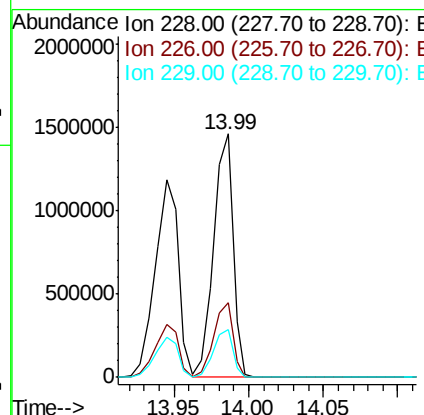
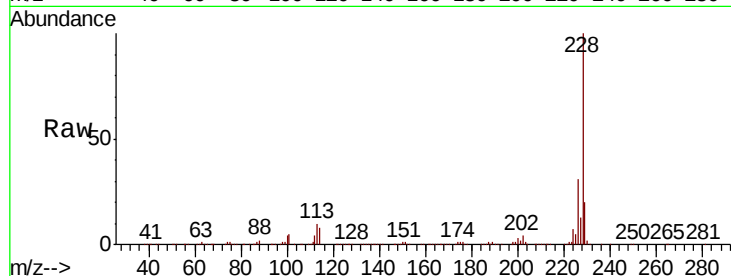
#83
 Chrvsene
 Concen: 45.990 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.00 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB128016BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	19.6	16.6	24.8

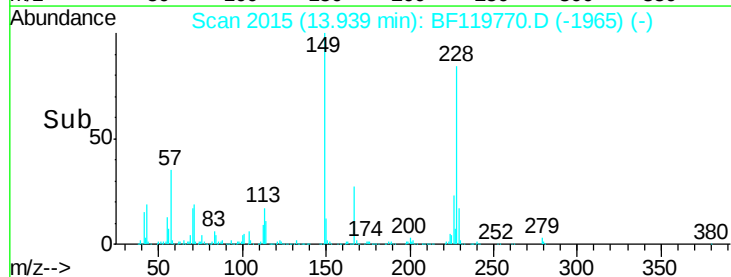
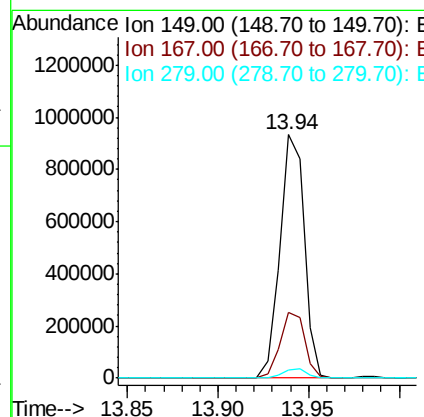
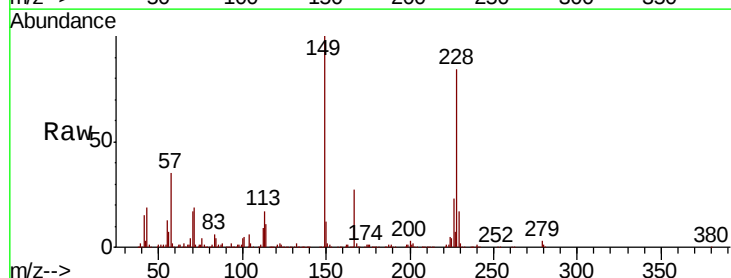
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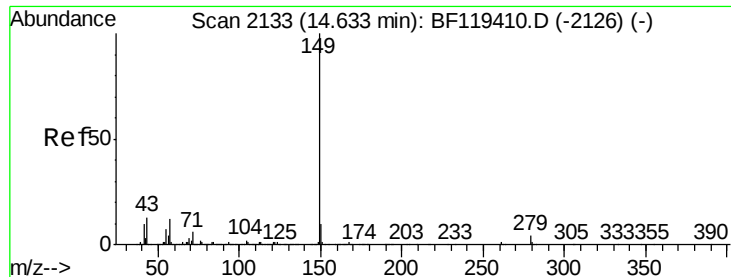
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 51.681 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF119770.D
 Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.3	2.7	4.1





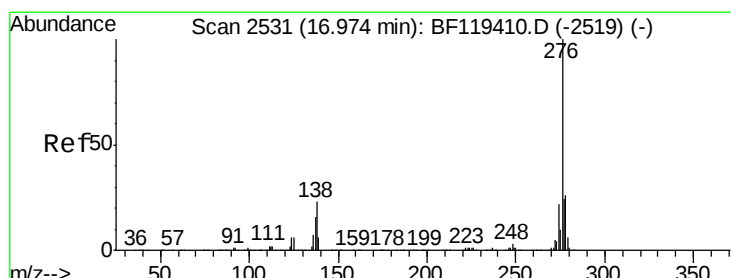
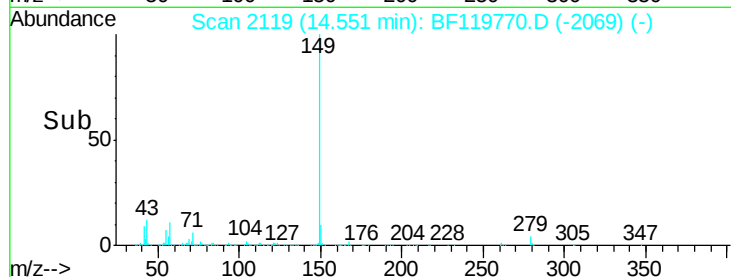
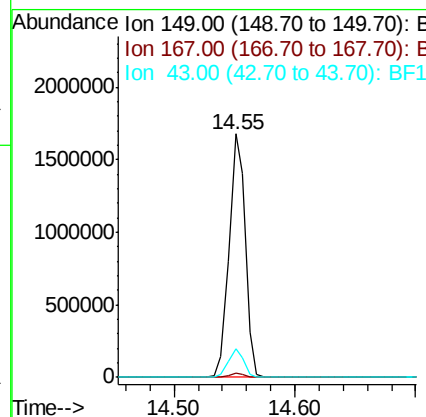
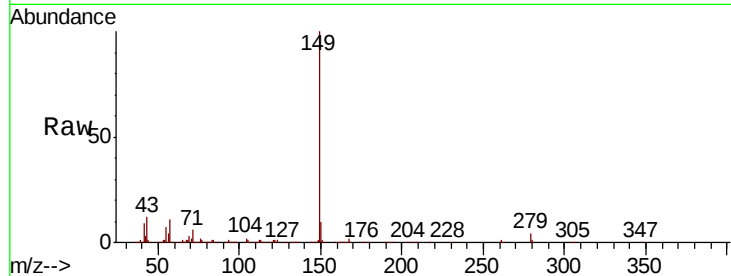
#85
Di-n-octyl phthalate
Concen: 52.150 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.0	9.3	13.9

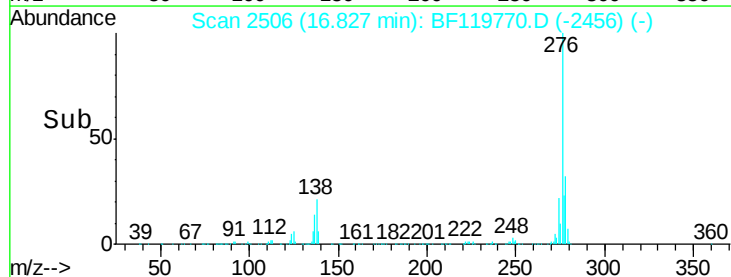
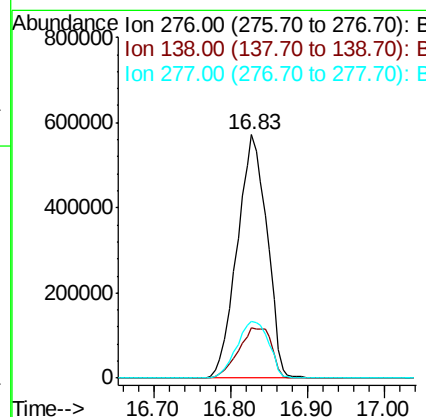
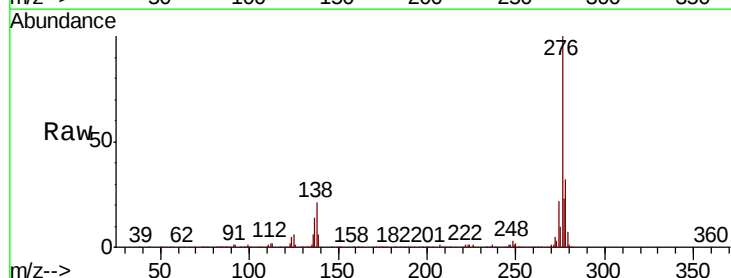
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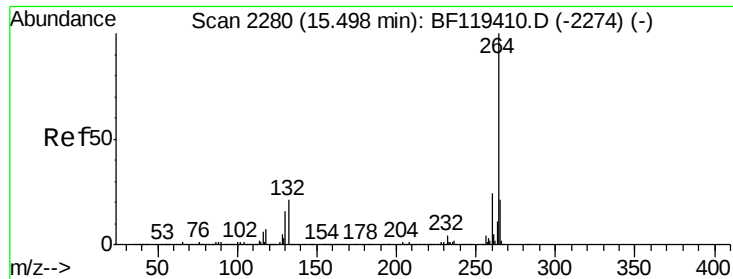
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 57.441 ng
RT: 16.83 min Scan# 2506
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.6	29.4
277	25.3	20.0	30.0





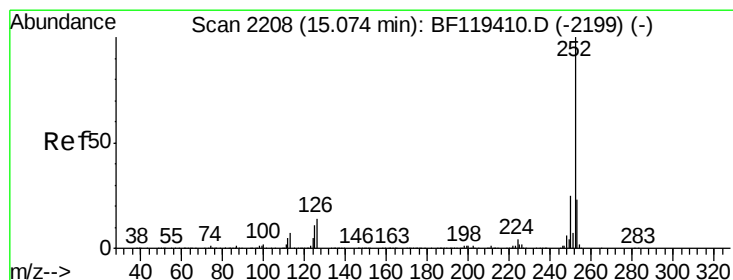
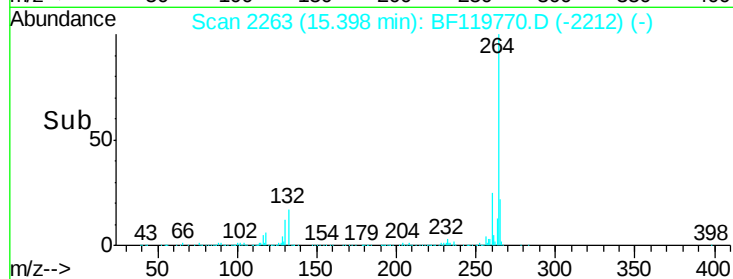
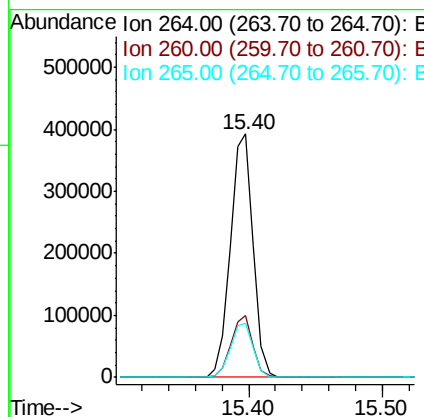
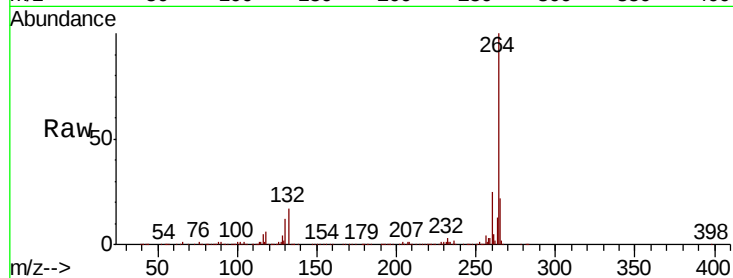
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	18.7	28.1
265	22.1	17.7	26.5

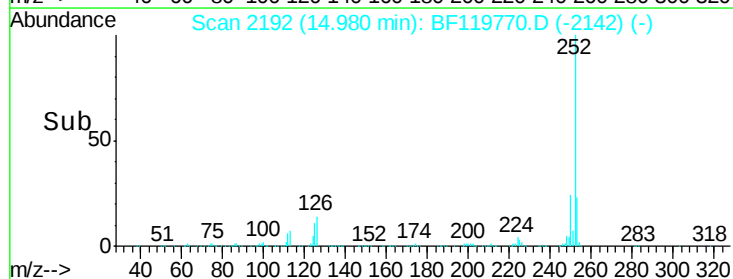
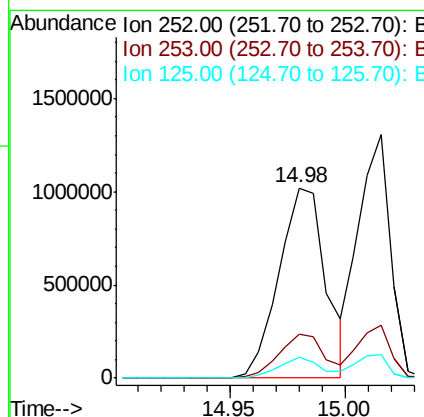
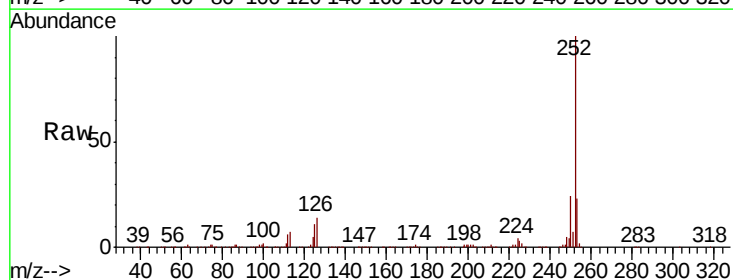
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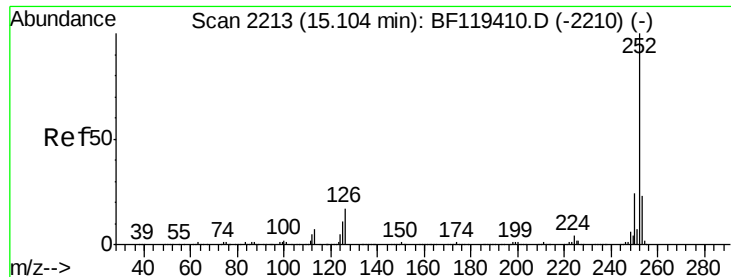
mohammad
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#88
Benzo(b)fluoranthene
Concen: 46.002 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.0
125	10.7	7.9	11.9





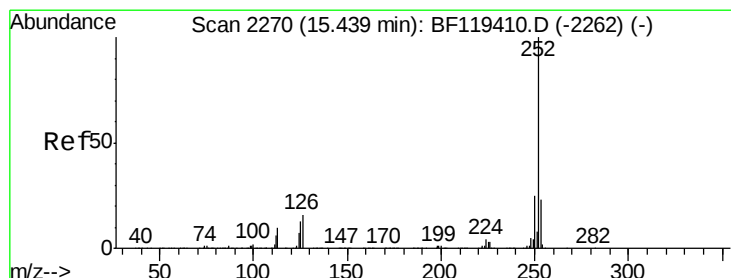
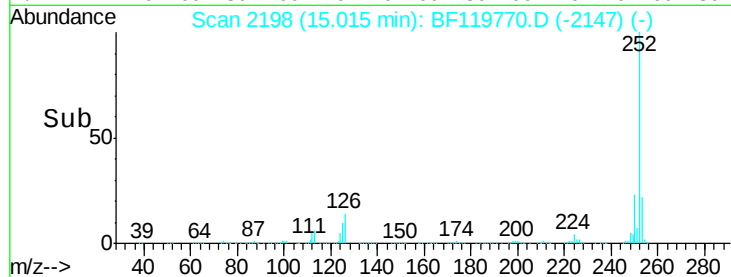
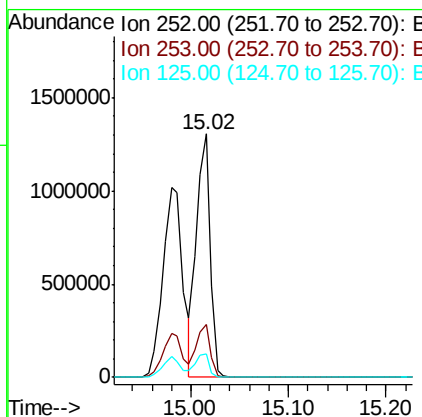
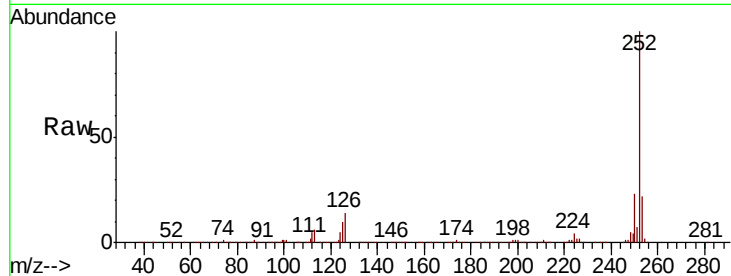
#89
Benzo(k)fluoranthene
Concen: 42.785 ng
RT: 15.02 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampleId :
PB128016BS

Tot Ion:252 Resp: 1274575
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.6
125 9.6 8.4 12.6

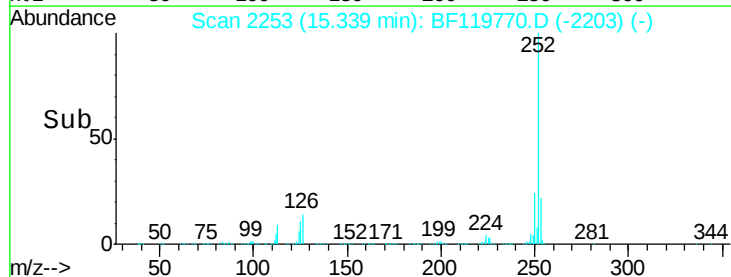
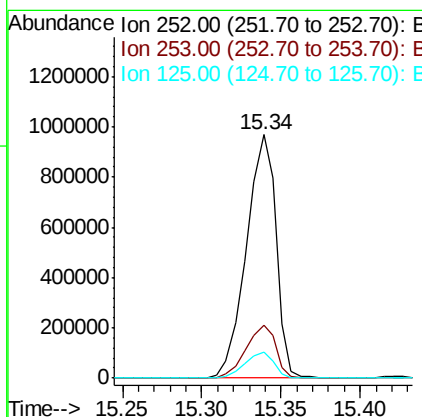
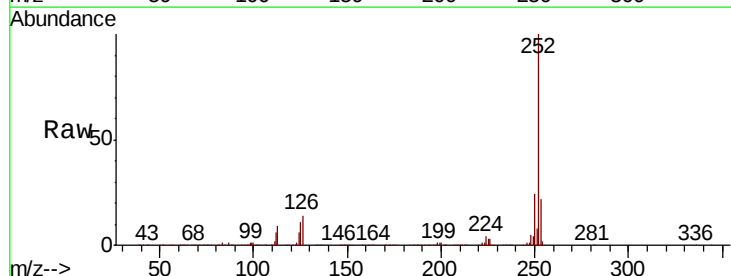
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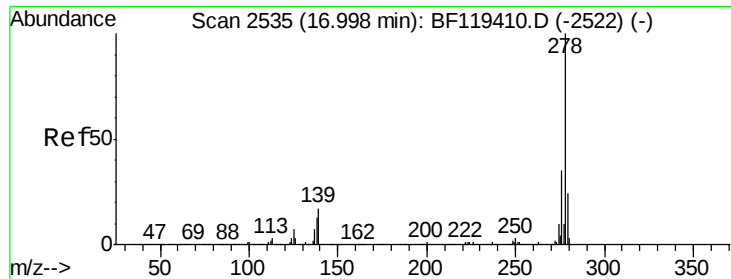
mohammad
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#90
Benzo(a)pyrene
Concen: 44.367 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion:252 Resp: 1261430
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 10.9 9.4 14.2





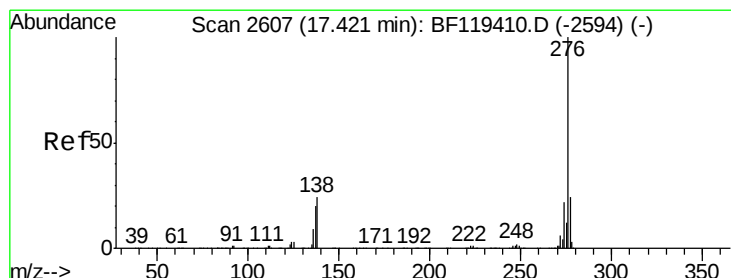
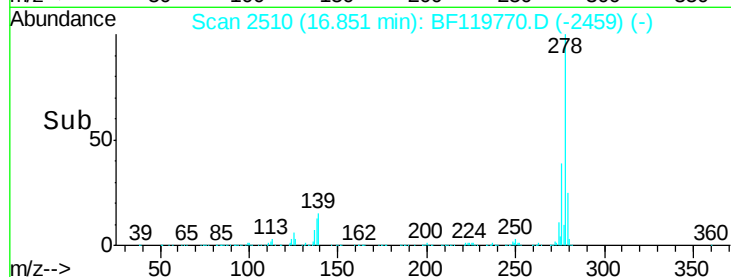
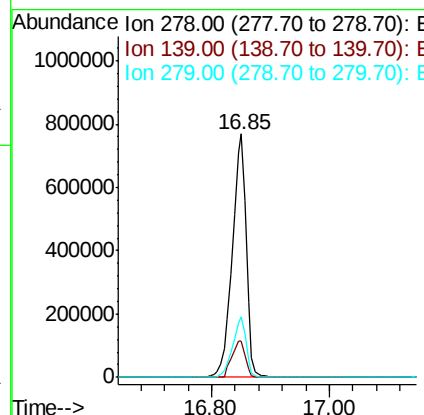
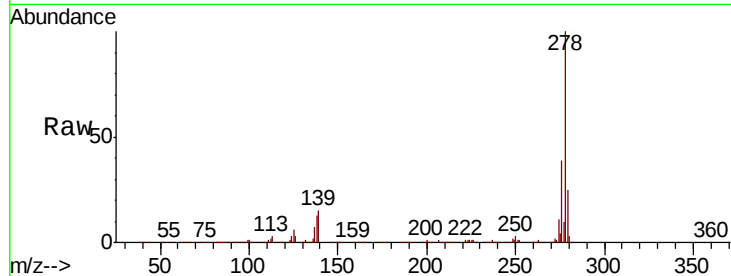
#91
Dibenzo(a,h)anthracene
Concen: 50.890 ng
RT: 16.85 min Scan# 2510
Delta R.T. -0.00 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Instrument :
BNA_F
ClientSampled :
PB128016BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.6	19.0
279	24.6	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 51.651 ng
RT: 17.26 min Scan# 2580
Delta R.T. -0.01 min
Lab File: BF119770.D
Acq: 6 Apr 2020 14:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.3	18.4	27.6
138	20.9	15.4	23.0

