

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011320\
 Data File : BF118536.D
 Acq On : 13 Jan 2020 17:48
 Operator : JU
 Sample : L1106-06MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MSD

Manual Integrations
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 1/14/2020 2:31:39 PM

Quant Time: Jan 14 12:06:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 14 11:02:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	67108	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	256591	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	149591	20.00	ng	0.00
64) Phenanthrene-d10	11.36	188	271069	20.00	ng	0.00
76) Chrysene-d12	14.01	240	180521	20.00	ng	0.00
87) Perylene-d12	15.48	264	168270	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.44	112	347906	85.58	ng	0.00
7) Phenol-d6	6.46	99	455380	93.69	ng	0.00
23) Nitrobenzene-d5	7.38	82	264232	54.10	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	165930	94.00	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	547539	52.50	ng	0.00
79) Terphenyl-d14	12.94	244	567221	49.79	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.54	88	43706	32.248	ng	97
3) Pyridine	3.30	79	107617	29.499	ng	94
4) n-Nitrosodimethylamine	3.25	42	69430	37.978	ng	95
6) Aniline	6.48	93	174977	28.955	ng	# 87
8) 2-Chlorophenol	6.60	128	196404	44.187	ng	97
9) Benzaldehyde	6.37	77	98187	36.288	ng	99
10) Phenol	6.47	94	229592	42.630	ng	96
11) bis(2-Chloroethyl)ether	6.55	93	164998	42.972	ng	99
12) 1,3-Dichlorobenzene	6.76	146	222421	42.807	ng	96
13) 1,4-Dichlorobenzene	6.83	146	224856	42.412	ng	97
14) 1,2-Dichlorobenzene	6.99	146	202429	39.512	ng	97
15) Benzyl Alcohol	6.96	79	162917	41.323	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	164420	38.602	ng	94
17) 2-Methylphenol	7.08	107	153460	42.011	ng	97
18) Hexachloroethane	7.32	117	76290	37.977	ng	95
19) n-Nitroso-di-n-propylamine	7.23	70	125403	40.060	ng	97
20) 3+4-Methylphenols	7.23	107	191408	38.629	ng	96
22) Acetophenone	7.23	105	253665	39.001	ng	94
24) Nitrobenzene	7.40	77	192212	39.575	ng	98
25) Isophorone	7.64	82	360396	46.056	ng	99
26) 2-Nitrophenol	7.72	139	111242	46.389	ng	99
27) 2,4-Dimethylphenol	7.76	122	173063	53.664	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	221346	43.025	ng	97
29) 2,4-Dichlorophenol	7.97	162	171734	45.608	ng	99
30) 1,2,4-Trichlorobenzene	8.05	180	194085	44.379	ng	99
31) Naphthalene	8.12	128	581481	43.323	ng	100
32) Benzoic acid	7.91	122	106638	48.013	ng	98
33) 4-Chloroaniline	8.18	127	85316	15.440	ng	98
34) Hexachlorobutadiene	8.23	225	112527	41.917	ng	99
35) Caprolactam	8.55	113	54378m	47.942	ng	
36) 4-Chloro-3-methylphenol	8.67	107	197317	48.743	ng	100
37) 2-Methylnaphthalene	8.82	142	455962	49.499	ng	100
38) 1-Methylnaphthalene	8.92	142	390221	45.119	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	179762	39.111	ng	99

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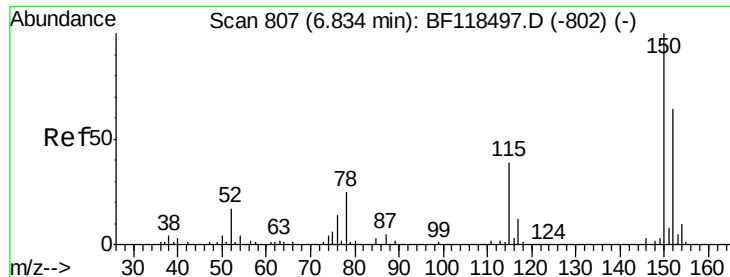
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	85731	70.285	ng	99
43) 2,4,6-Trichlorophenol	9.10	196	120704	42.498	ng	98
44) 2,4,5-Trichlorophenol	9.15	196	129813	44.167	ng	93
46) 1,1'-Biphenyl	9.28	154	502790	41.136	ng	100
47) 2-Chloronaphthalene	9.31	162	393009	40.625	ng	99
48) 2-Nitroaniline	9.41	65	110947	39.688	ng	98
49) Acenaphthylene	9.73	152	638743	44.356	ng	99
50) Dimethylphthalate	9.58	163	521139	45.390	ng	100
51) 2,6-Dinitrotoluene	9.65	165	104863	42.412	ng	# 83
52) Acenaphthene	9.90	154	391553	44.527	ng	99
53) 3-Nitroaniline	9.83	138	62290	21.507	ng	96
54) 2,4-Dinitrophenol	9.95	184	80671	75.122	ng	96
55) Dibenzofuran	10.07	168	558307	42.271	ng	98
56) 4-Nitrophenol	10.01	139	142102	101.050	ng	93
57) 2,4-Dinitrotoluene	10.06	165	145789	44.037	ng	96
58) Fluorene	10.42	166	459876	43.318	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	109945	44.234	ng	97
60) Diethylphthalate	10.29	149	511198	43.738	ng	98
61) 4-Chlorophenyl-phenylether	10.40	204	226495	42.699	ng	93
62) 4-Nitroaniline	10.45	138	97145	34.256	ng	96
63) Azobenzene	10.56	77	421892	42.478	ng	99
65) 4,6-Dinitro-2-methylphenol	10.48	198	62553	43.653	ng	99
66) n-Nitrosodiphenylamine	10.52	169	400499	45.370	ng	99
67) 4-Bromophenyl-phenylether	10.89	248	145319	45.770	ng	97
68) Hexachlorobenzene	10.97	284	133588	35.233	ng	96
69) Atrazine	11.06	200	122939	46.869	ng	98
70) Pentachlorophenol	11.17	266	117878	94.160	ng	99
71) Phenanthrene	11.38	178	684761	45.095	ng	99
72) Anthracene	11.43	178	699088	46.277	ng	100
73) Carbazole	11.59	167	593984	45.390	ng	99
74) Di-n-butylphthalate	11.91	149	799512	45.796	ng	99
75) Fluoranthene	12.57	202	585193	37.916	ng	98
77) Benzidine	12.70	184	265001	62.369	ng	97
78) Pyrene	12.80	202	623595	41.986	ng	100
80) Butylbenzylphthalate	13.42	149	557257	81.926	ng	97
81) Benzo(a)anthracene	14.00	228	552968	43.763	ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	154602	37.626	ng	99
83) Chrysene	14.03	228	545668	44.441	ng	99
84) Bis(2-ethylhexyl)phthalate	13.97	149	476382	51.581	ng	98
85) Di-n-octyl phthalate	14.59	149	709945	53.593	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	682727	69.065	ng	100
88) Benzo(b)fluoranthene	15.06	252	385286	31.670	ng	99
89) Benzo(k)fluoranthene	15.08	252	358222	30.848	ng	99
90) Benzo(a)pyrene	15.42	252	392395	39.359	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	577185	61.742	ng	99
92) Benzo(g,h,i)perylene	17.43	276	563193	63.583	ng	99

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



#1

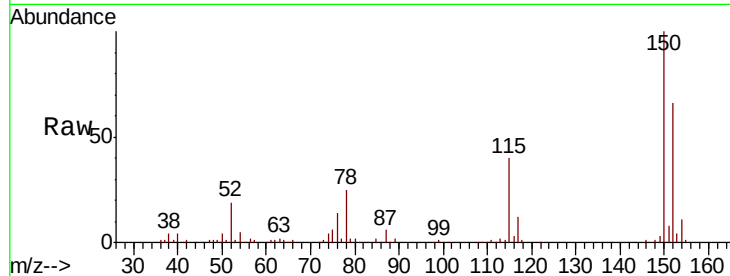
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	125.4	188.0
115	60.0	53.2	79.8

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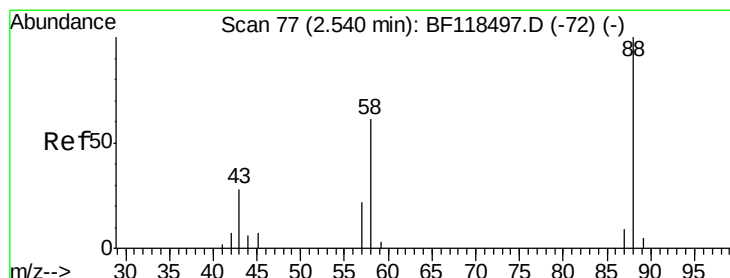
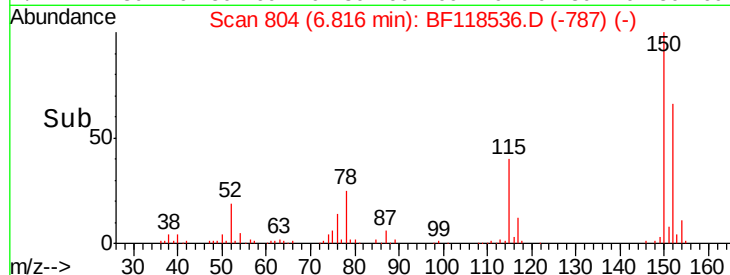
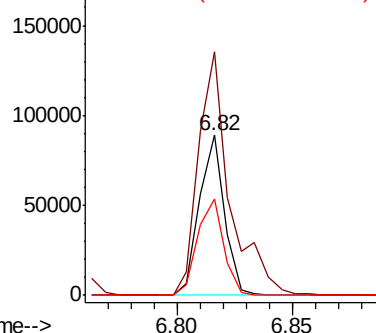


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

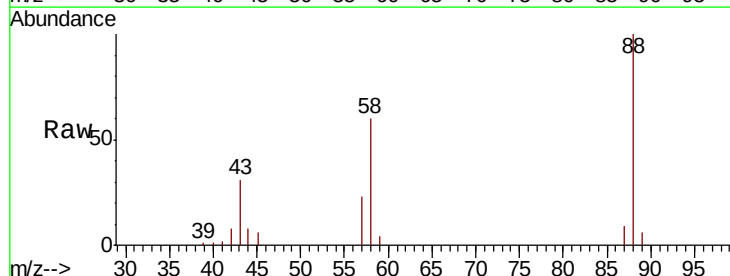
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.248 ng
RT: 2.54 min Scan# 77
Delta R.T. 0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.0	48.2	72.2
43	33.2	24.4	36.6

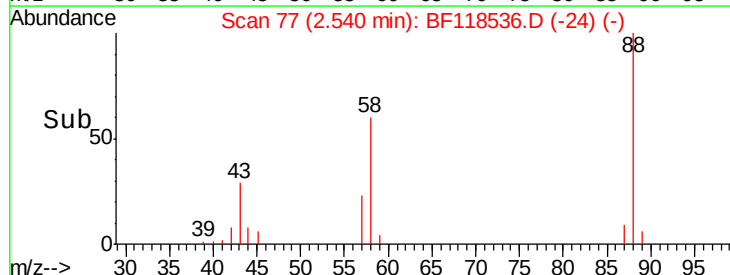
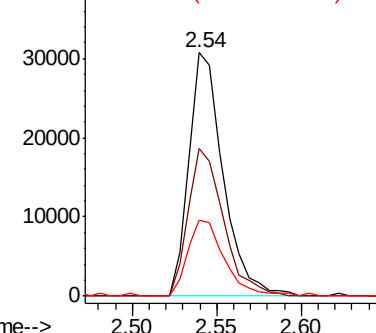


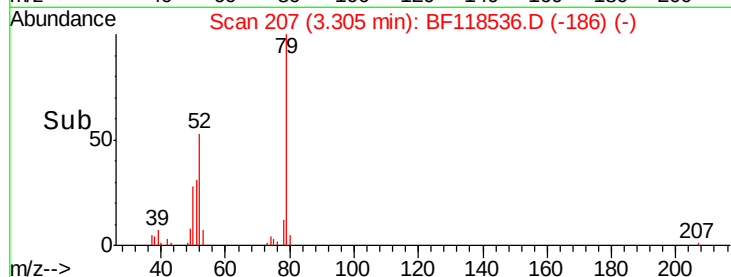
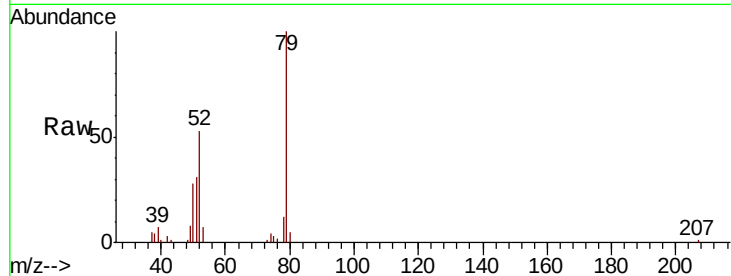
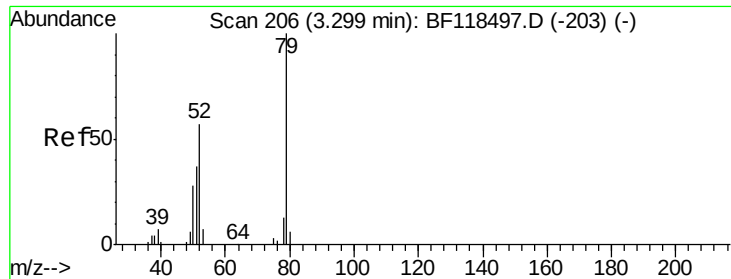
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





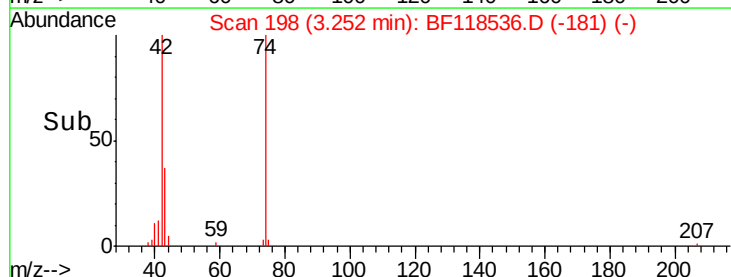
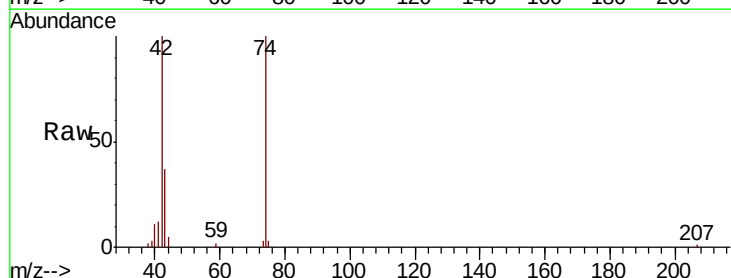
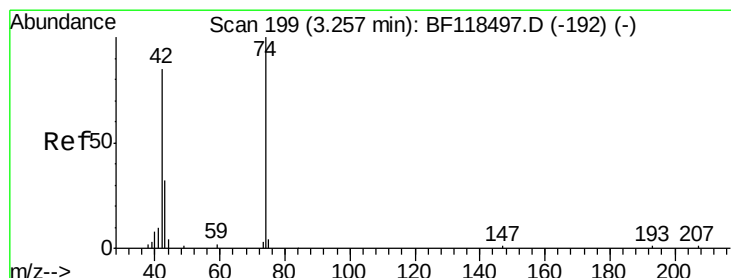
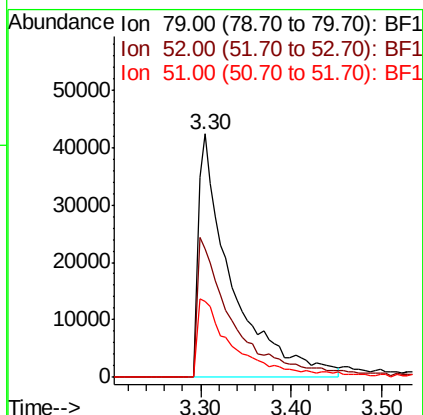
#3
 Pvridine
 Concen: 29.499 ng
 RT: 3.30 min Scan# 207
 Delta R.T. 0.02 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tot Ion	Ratio	Lower	Upper
79	100		
52	52.8	45.0	67.6
51	31.4	28.4	42.6

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MSD

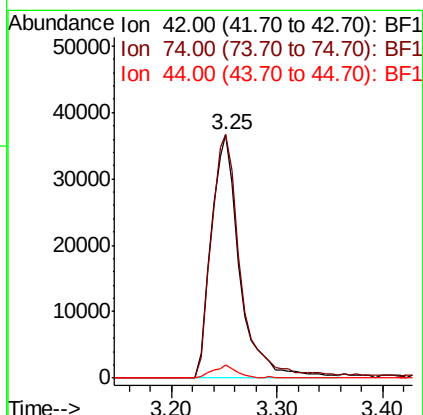
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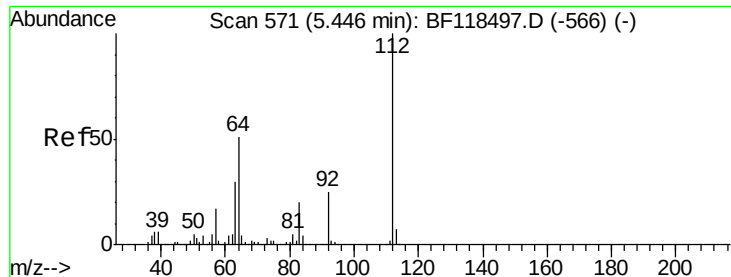
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#4
 n-Nitrosodimethylamine
 Concen: 37.978 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
42	100		
74	99.8	84.3	126.5
44	5.4	4.6	6.8





#5

2-Fluorophenol

Concen: 85.579 ng

RT: 5.44 min Scan# 570

Delta R.T. 0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

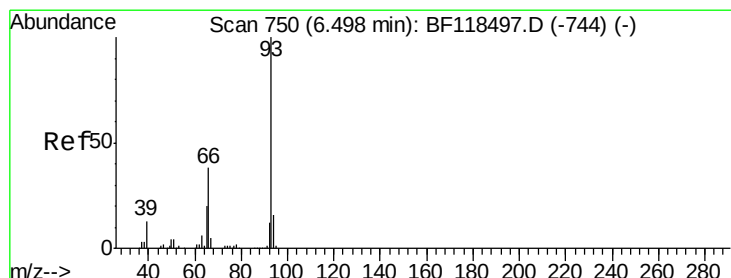
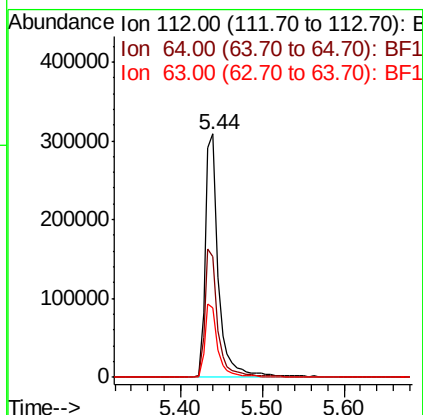
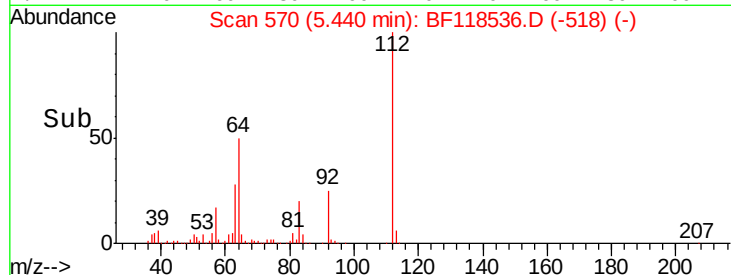
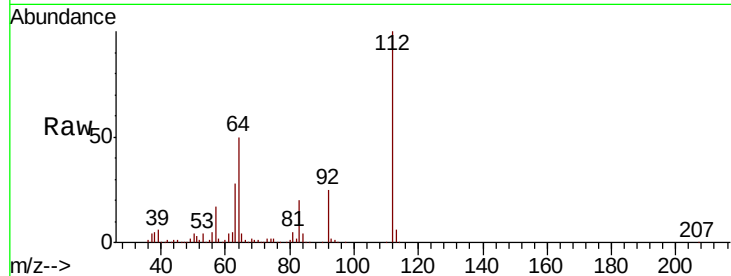
ClientSampleId :

CIY1-SB-01-0-52MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		347906		
64	49.8		43.4	65.0	
63	28.5		25.5	38.3	

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#6

Aniline

Concen: 28.955 ng

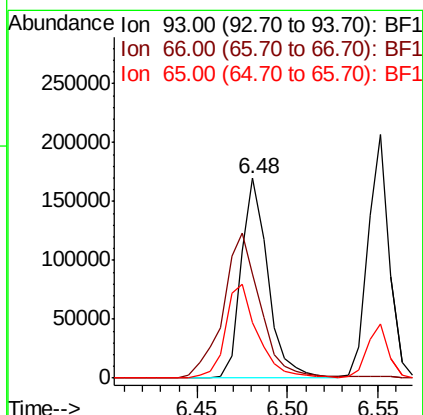
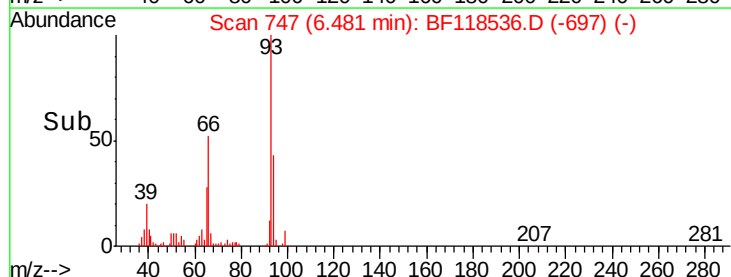
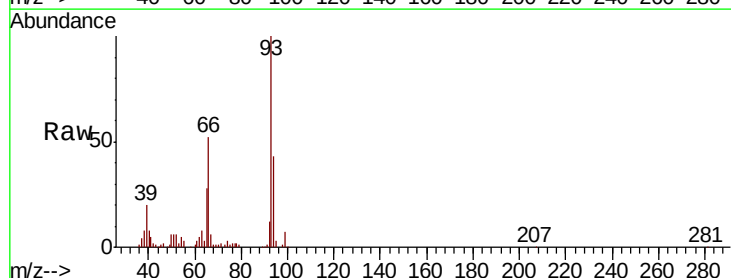
RT: 6.48 min Scan# 747

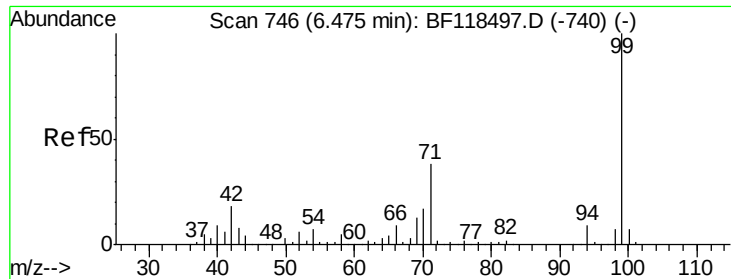
Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		174977		
66	52.4		34.8	52.2#	
65	28.0		17.9	26.9#	





#7

Phenol-d6

Concen: 93.693 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

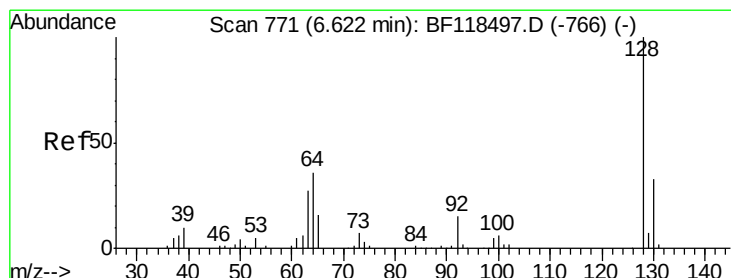
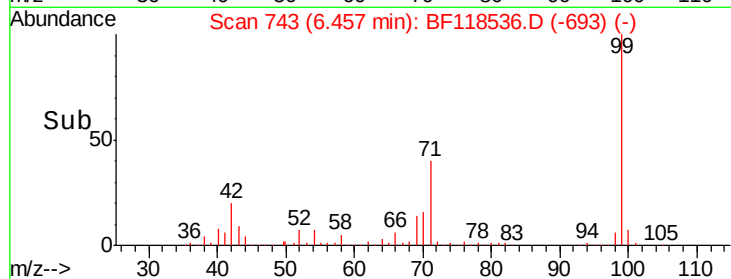
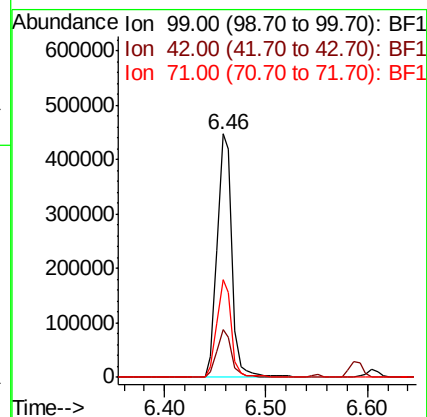
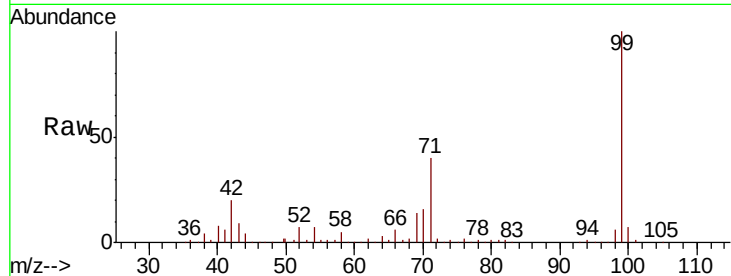
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Tot Ion:	99	Resp:	455380
Ion Ratio	Lower	Upper	
99	100		
42	19.8	15.0	22.4
71	40.1	31.4	47.0

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#8

2-Chlorophenol

Concen: 44.187 ng

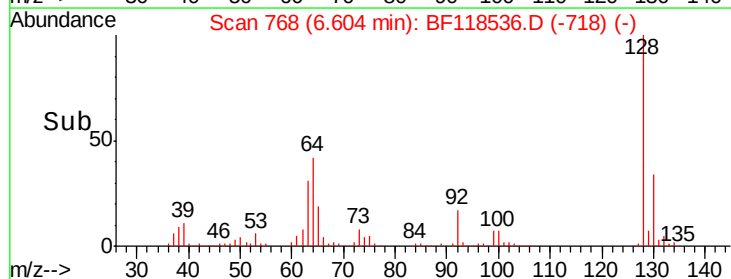
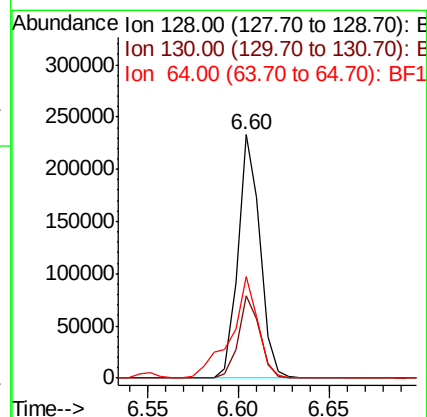
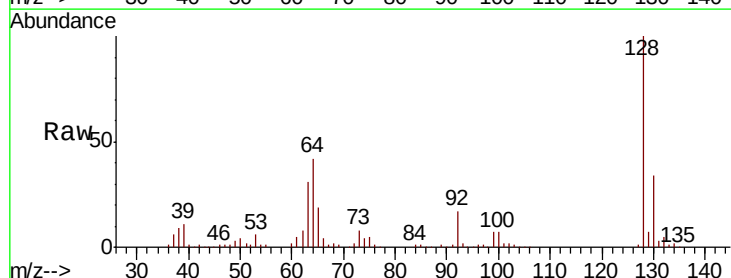
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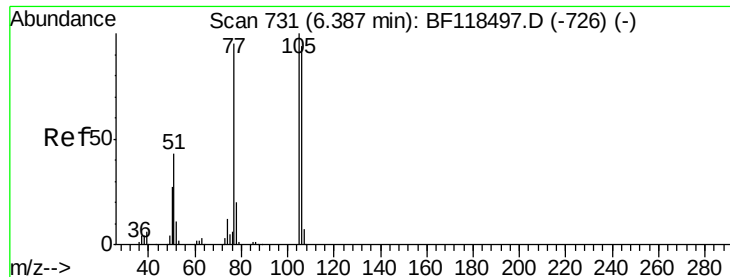
Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion:	128	Resp:	196404
Ion Ratio	Lower	Upper	
128	100		
130	33.6	13.4	53.4
64	41.6	18.5	58.5





#9

Benzaldehyde

Concen: 36.288 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

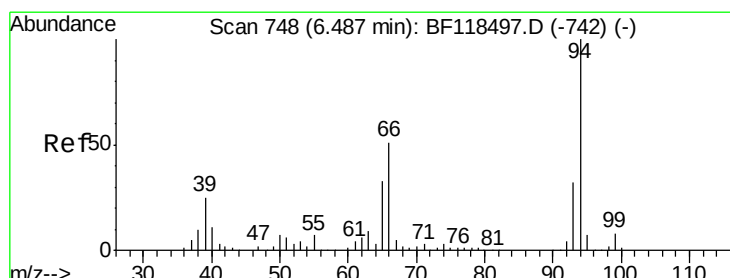
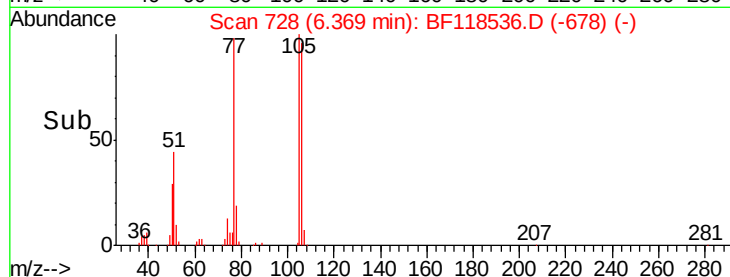
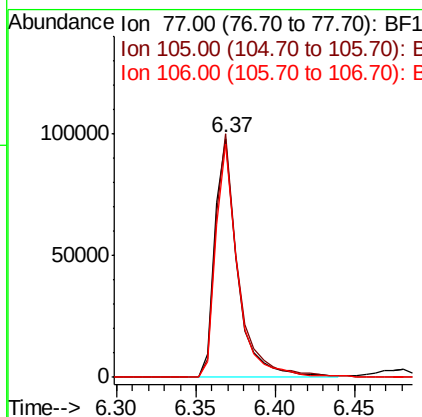
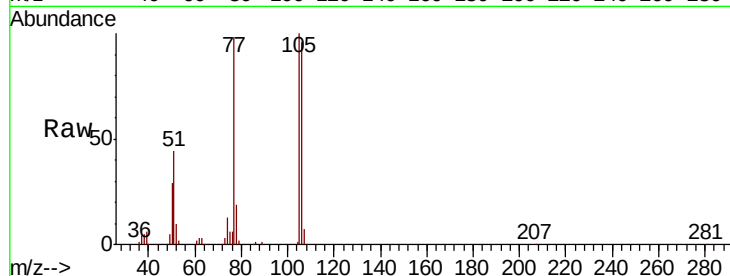
ClientSampleId :

CIY1-SB-01-0-52MSD

Tot Ion:	77	Resp:	98187
Ion	Ratio	Lower	Upper
77	100		
105	101.9	84.8	124.8
106	97.8	77.9	117.9

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#10

Phenol

Concen: 42.630 ng

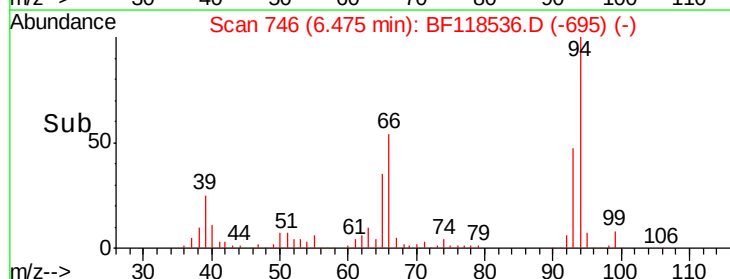
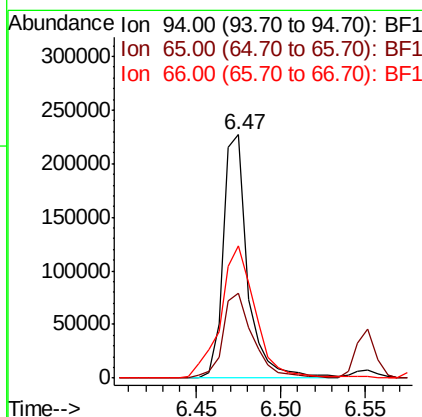
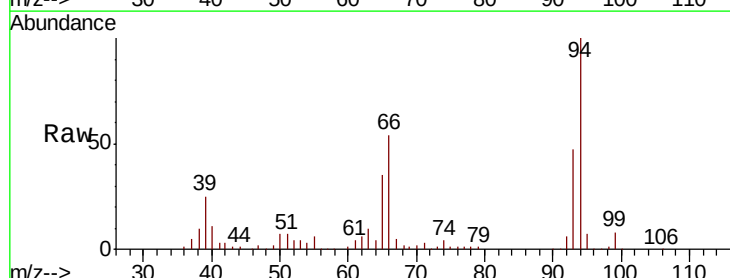
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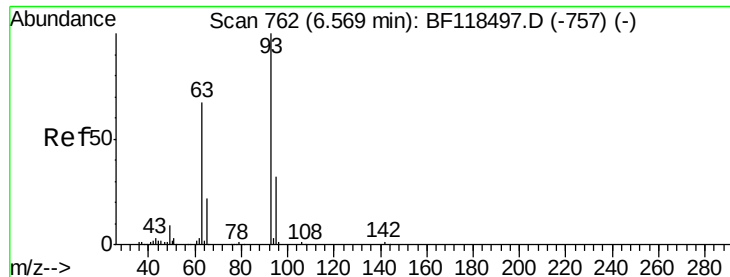
Delta R.T. 0.00 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion:	94	Resp:	229592
Ion	Ratio	Lower	Upper
94	100		
65	34.9	15.6	55.6
66	54.1	38.4	78.4





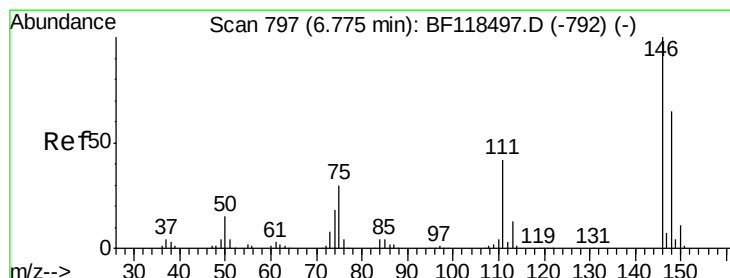
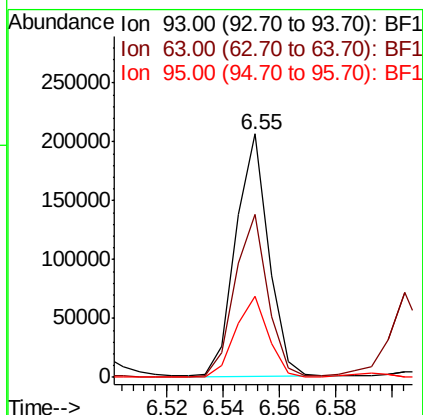
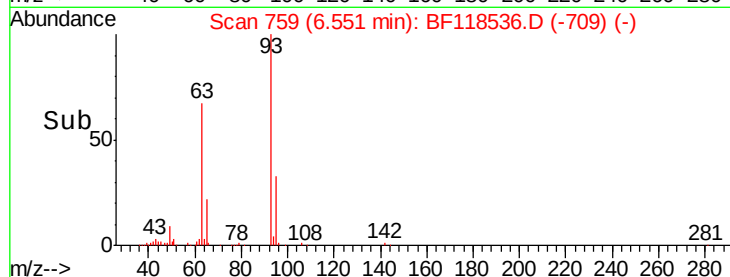
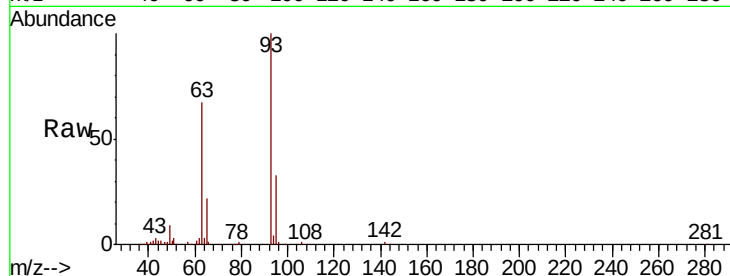
#11
bis(2-Chloroethyl)ether
Concen: 42.972 ng
RT: 6.55 min Scan# 759
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	67.1	47.9	87.9
95	33.5	13.1	53.1

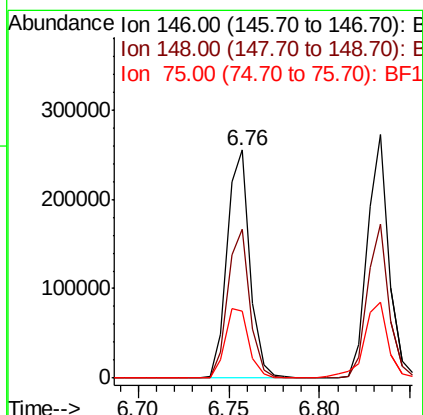
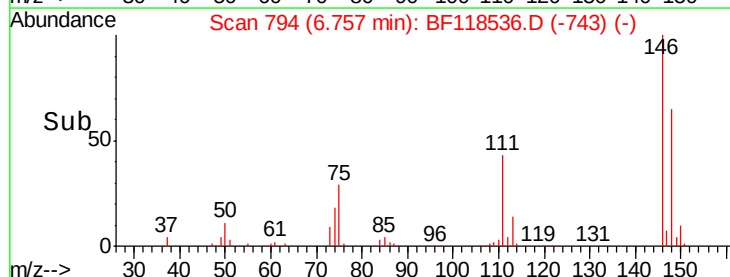
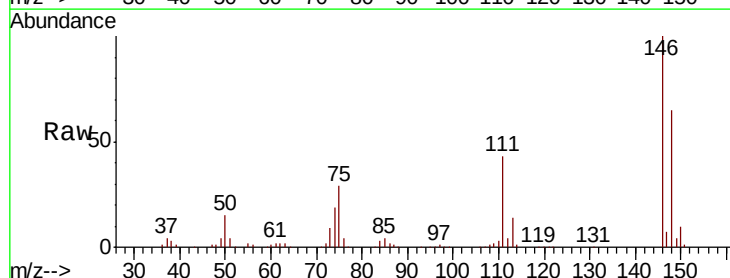
Manual Integrations
APPROVED

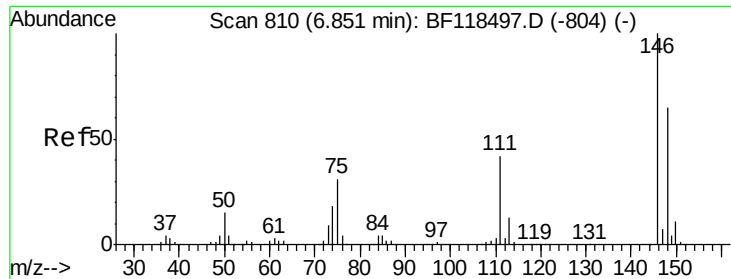
mohammad
1/14/2020 2:31:39 PM



#12
1,3-Dichlorobenzene
Concen: 42.807 ng
RT: 6.76 min Scan# 794
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.8	79.2
75	29.5	27.9	41.9





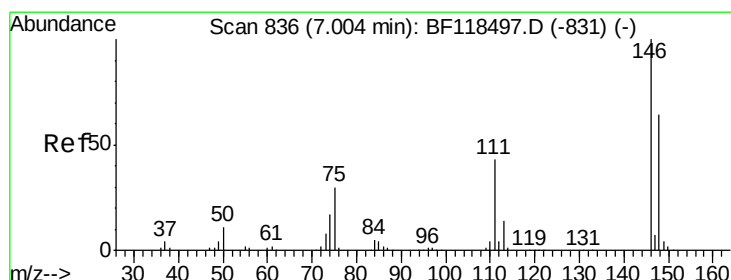
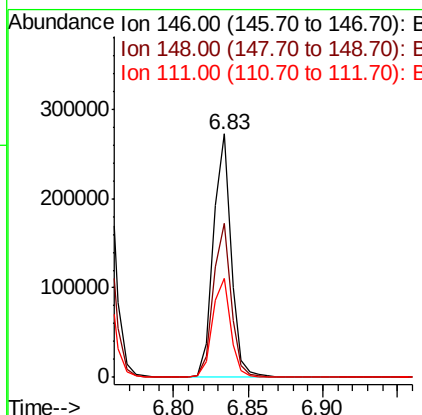
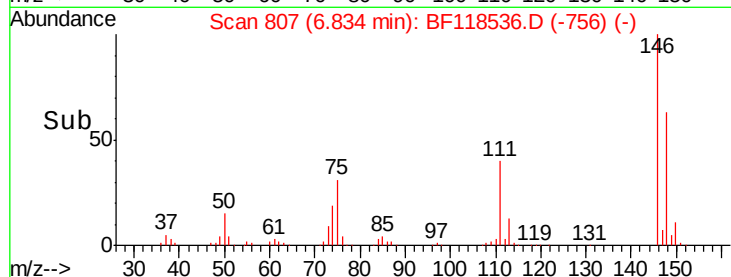
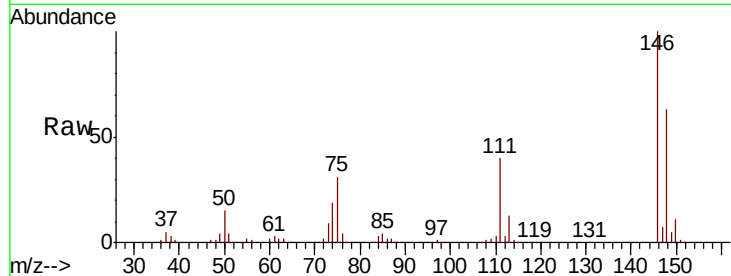
#13
1,4-Dichlorobenzene
Concen: 42.412 ng
RT: 6.83 min Scan# 807
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.0	73.6
111	40.5	34.6	51.8

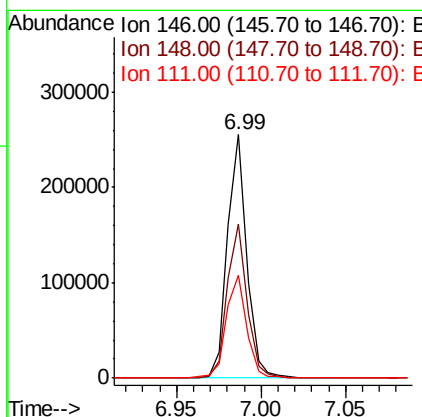
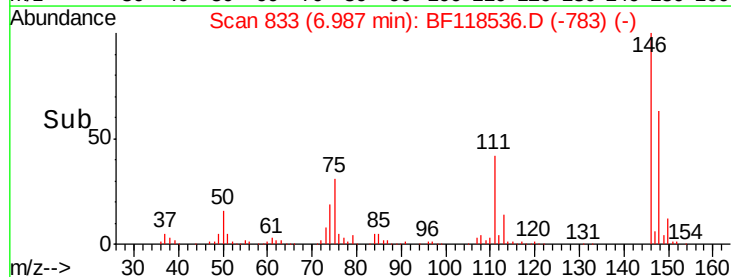
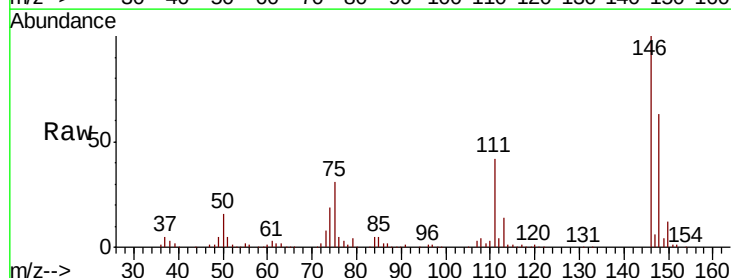
Manual Integrations
APPROVED

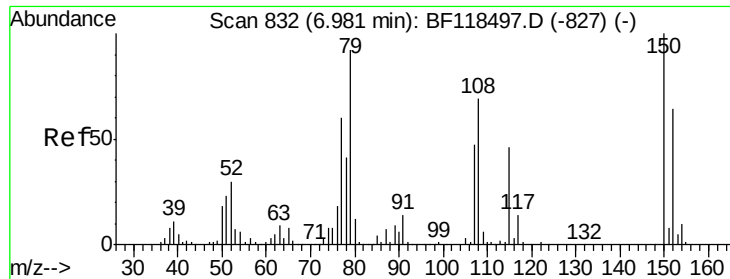
mohammad
1/14/2020 2:31:39 PM



#14
1,2-Dichlorobenzene
Concen: 39.512 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.1	52.2	78.2
111	42.5	35.4	53.2





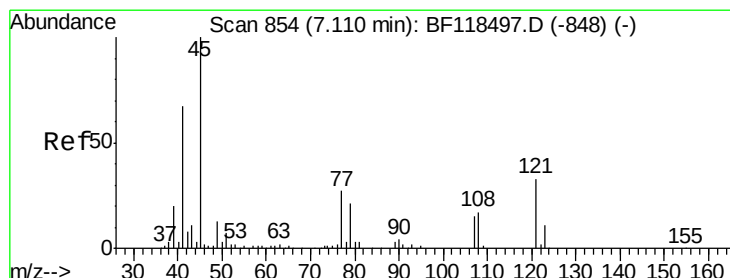
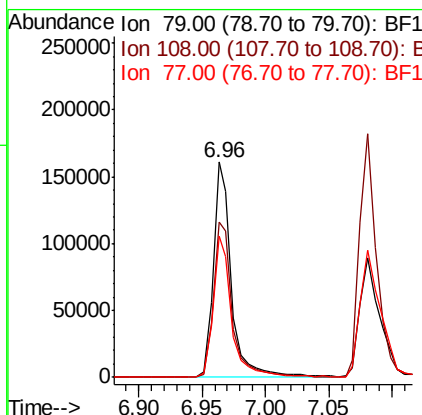
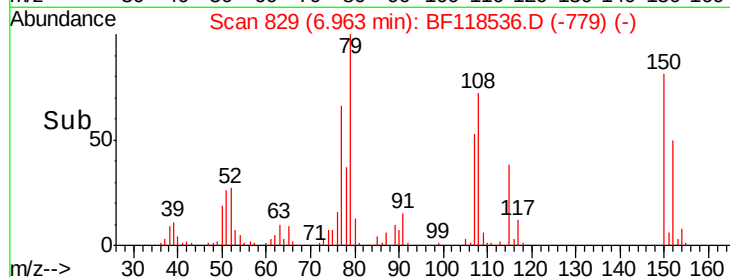
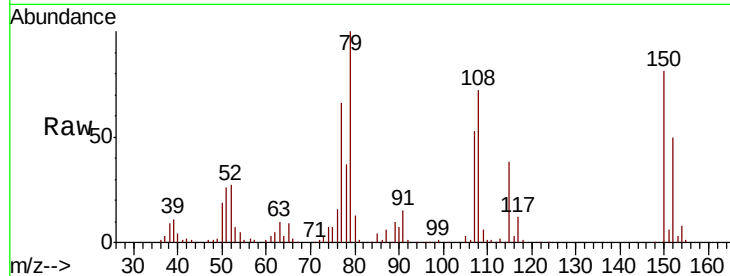
#15
Benzyl Alcohol
Concen: 41.323 ng
RT: 6.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	72.5	58.6	88.0
77	65.7	53.0	79.6

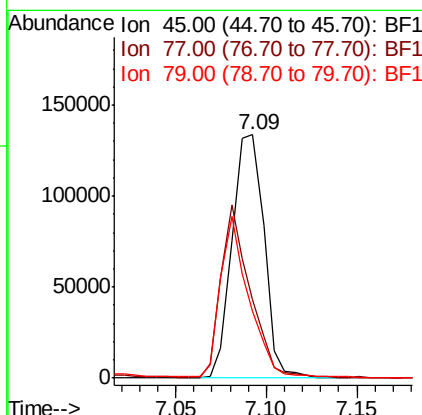
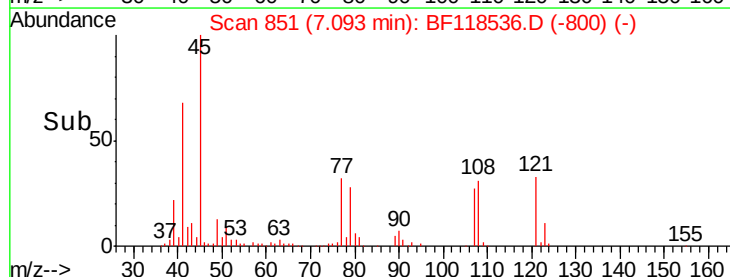
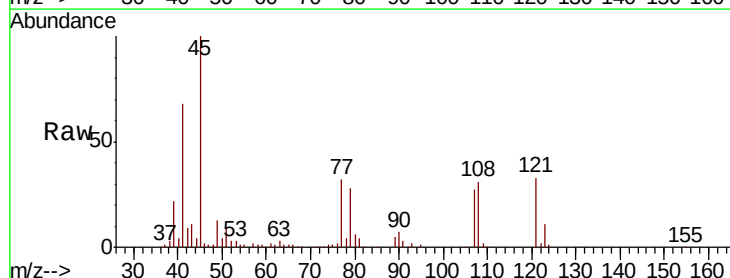
Manual Integrations
APPROVED

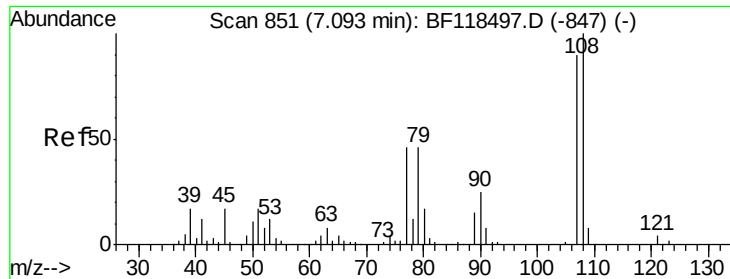
mohammad
1/14/2020 2:31:39 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.602 ng
RT: 7.09 min Scan# 851
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
45	100		
77	32.2	16.0	56.0
79	27.5	11.1	51.1





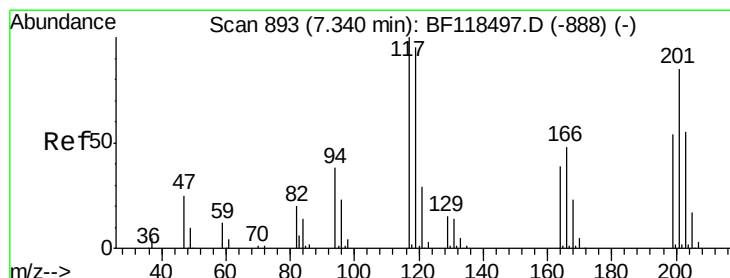
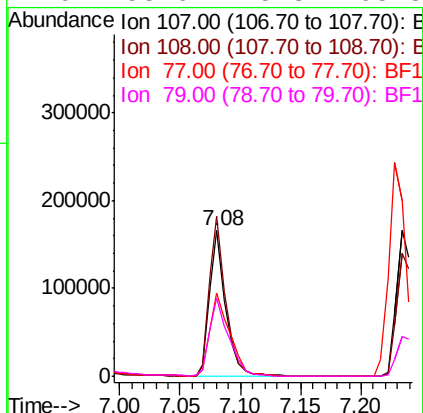
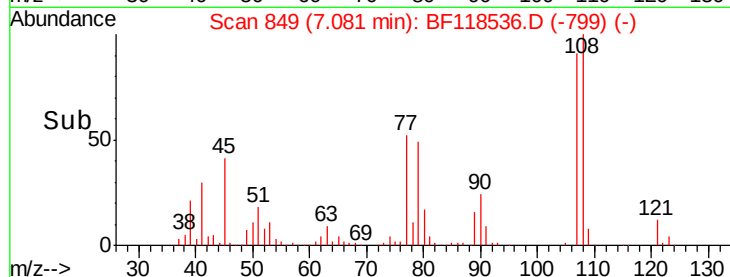
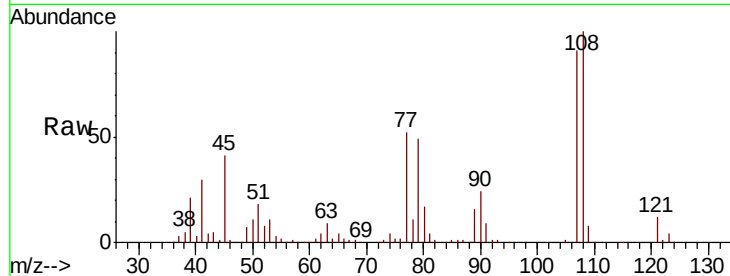
#17
2-Methylphenol
Concen: 42.011 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.7	87.2	130.8
77	57.2	49.4	74.2
79	53.6	45.8	68.8

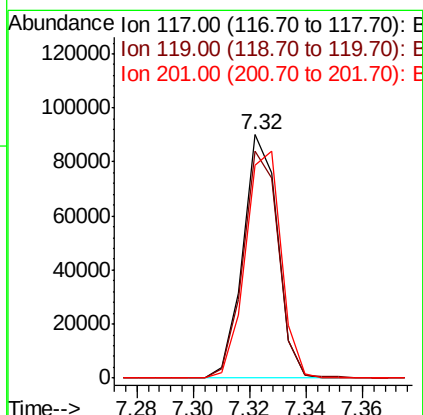
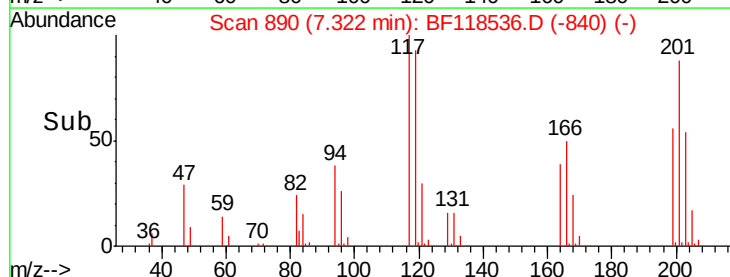
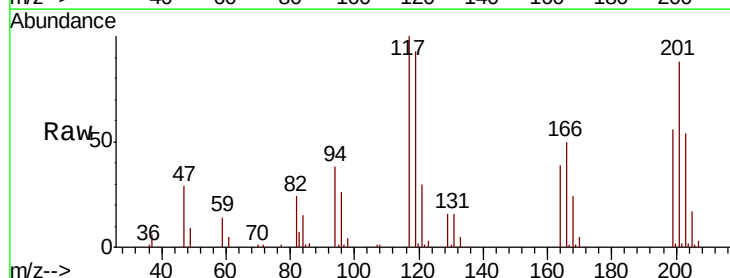
Manual Integrations
APPROVED

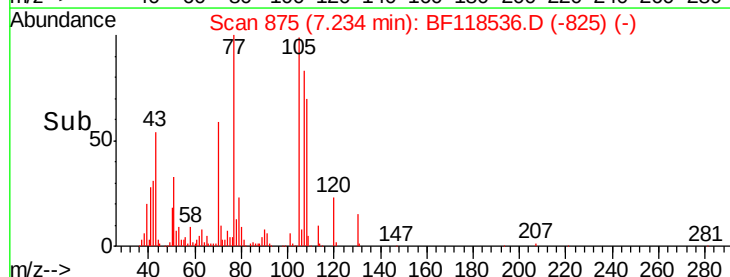
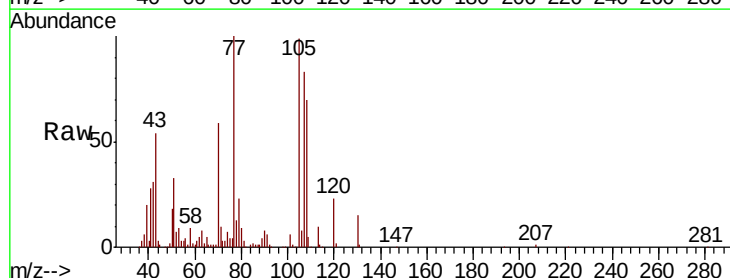
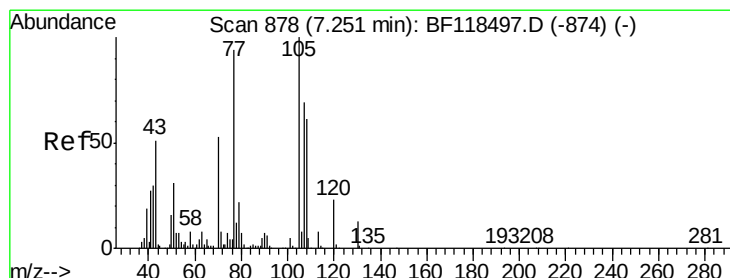
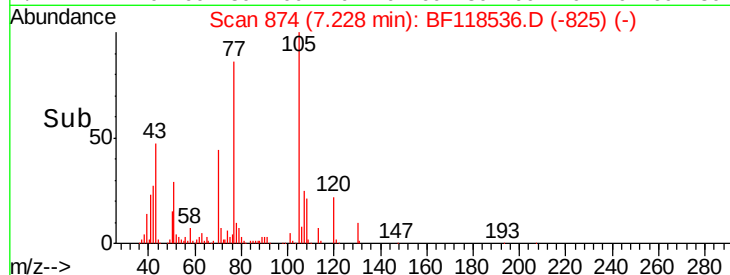
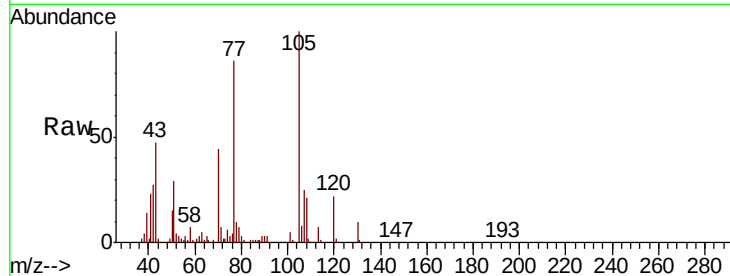
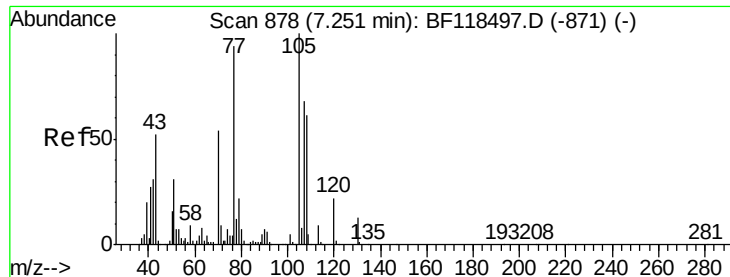
mohammad
1/14/2020 2:31:39 PM



#18
Hexachloroethane
Concen: 37.977 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.4	78.0	117.0
201	87.7	75.2	112.8





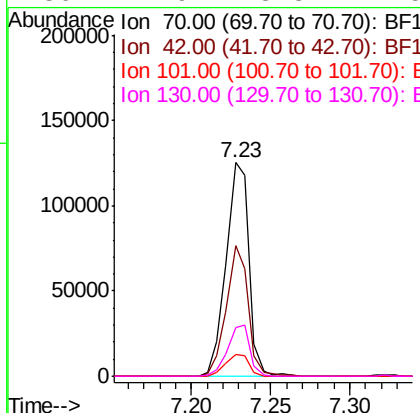
#19
n-Nitroso-di-n-propylamine
Concen: 40.060 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	61.4	46.3	69.5
101	10.3	8.5	12.7
130	22.9	18.3	27.5

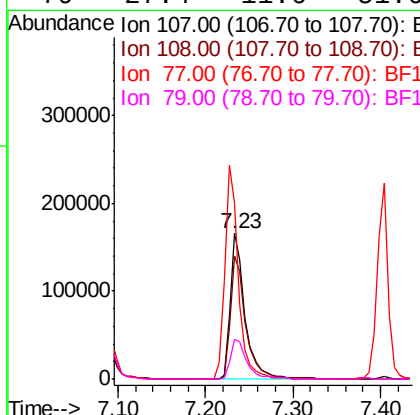
Manual Integrations
APPROVED

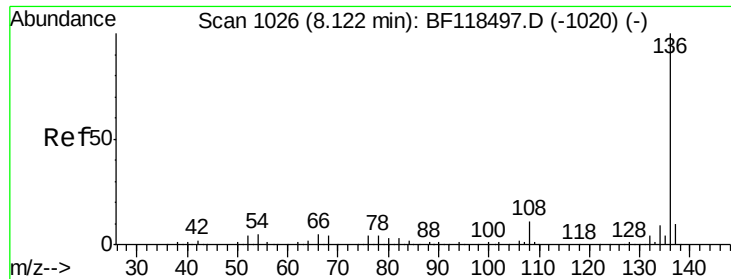
mohammad
1/14/2020 2:31:39 PM



#20
3+4-Methylphenols
Concen: 38.629 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.7	68.3	108.3
77	120.7	105.1	145.1
79	27.4	11.6	51.6





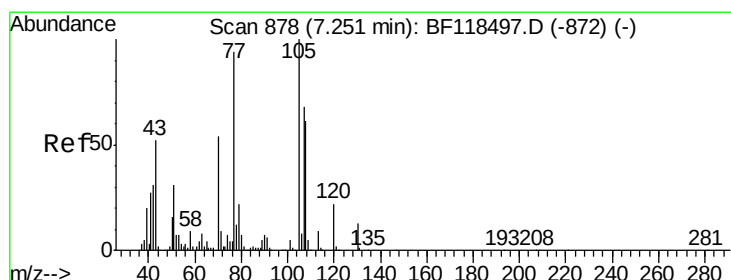
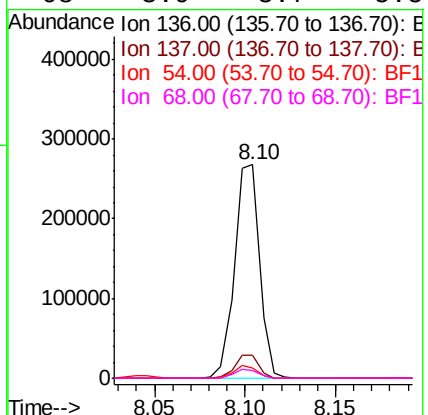
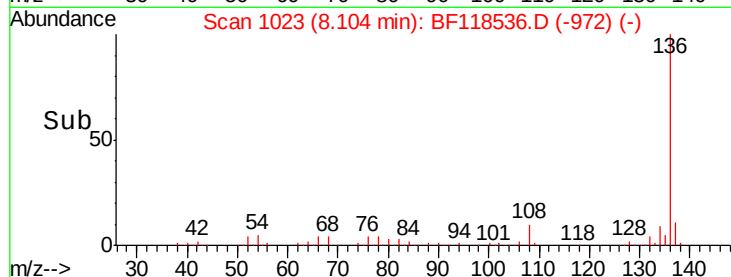
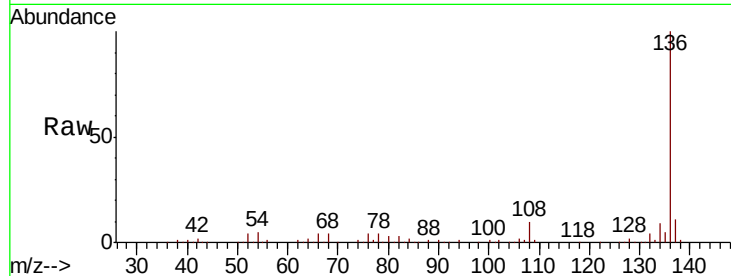
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100				
137	10.7		8.5	12.7	
54	4.8		4.8	7.2#	
68	3.9		3.7	5.5	

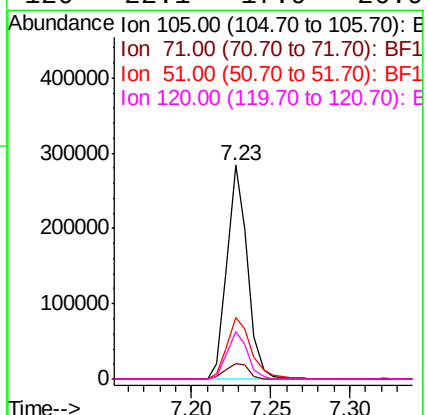
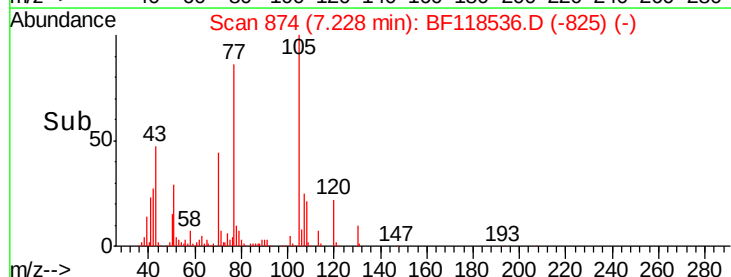
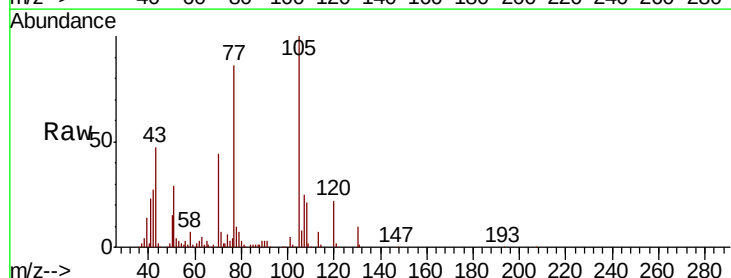
Manual Integrations
APPROVED

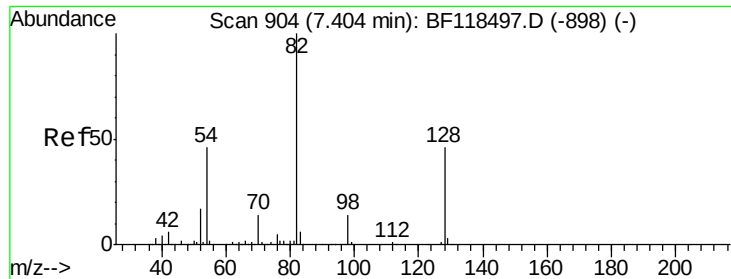
mohammad
1/14/2020 2:31:39 PM



#22
Acetophenone
Concen: 39.001 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100				
71	7.1		6.7	10.1	
51	29.0		27.8	41.8	
120	22.1		17.9	26.9	





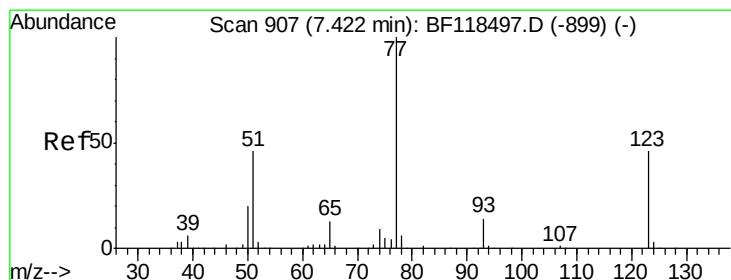
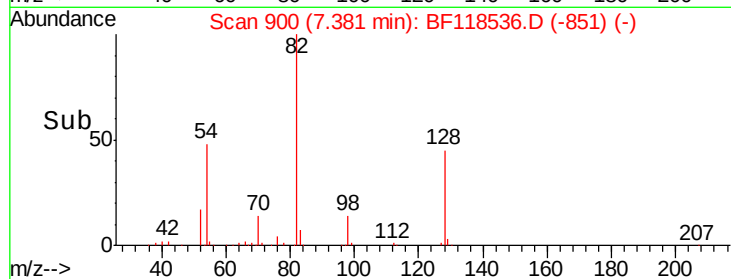
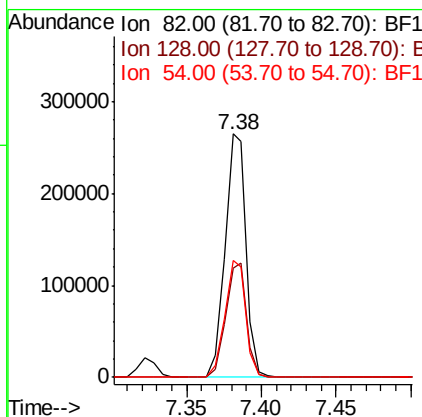
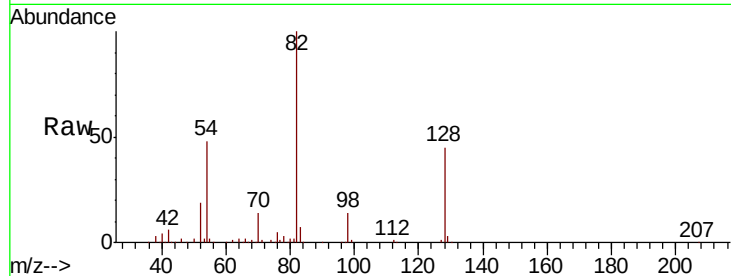
#23
Nitrobenzene-d5
Concen: 54.096 ng
RT: 7.38 min Scan# 900
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.1	36.6	54.8
54	48.0	38.2	57.2

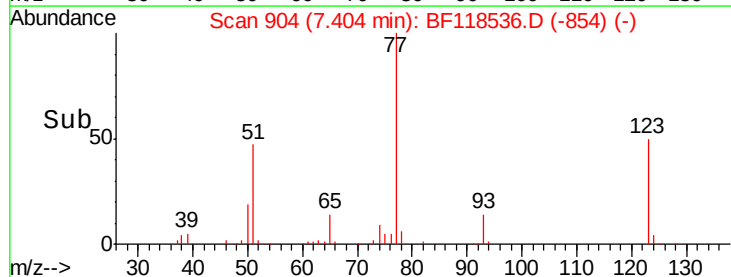
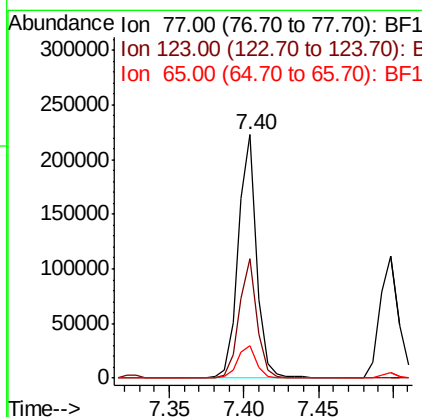
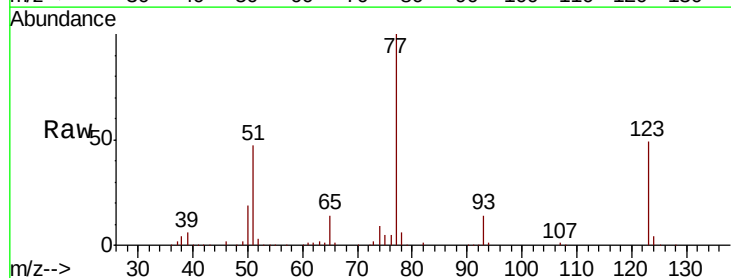
Manual Integrations
APPROVED

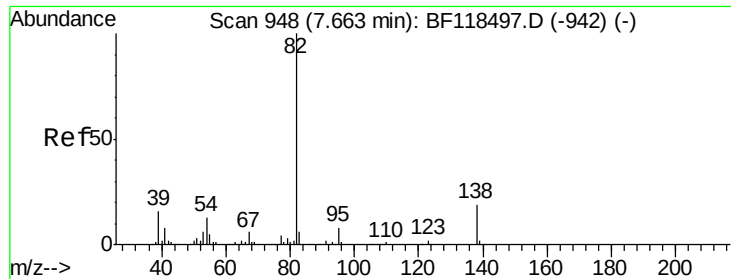
mohammad
1/14/2020 2:31:39 PM



#24
Nitrobenzene
Concen: 39.575 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	38.2	57.2
65	13.5	11.1	16.7





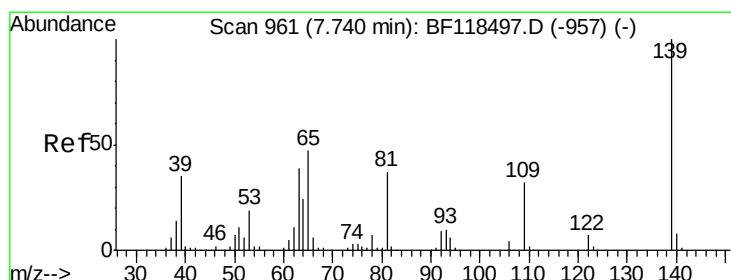
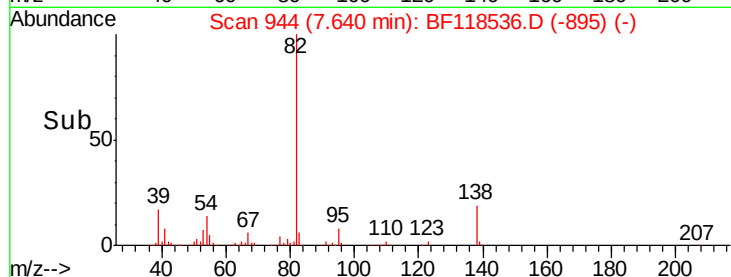
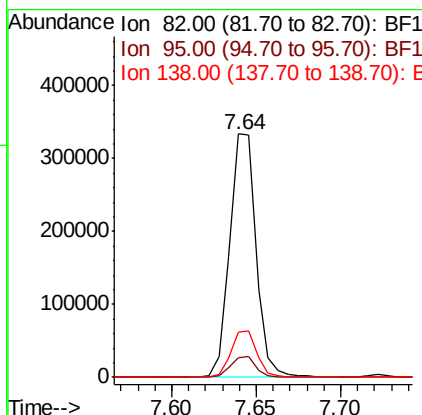
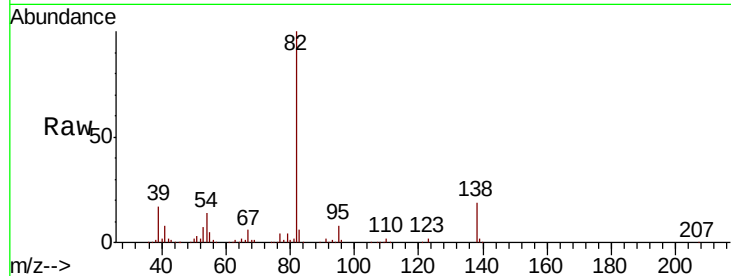
#25
Isophorone
Concen: 46.056 ng
RT: 7.64 min Scan# 944
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	360396		
95	8.2		6.3	9.5
138	18.8		15.7	23.5

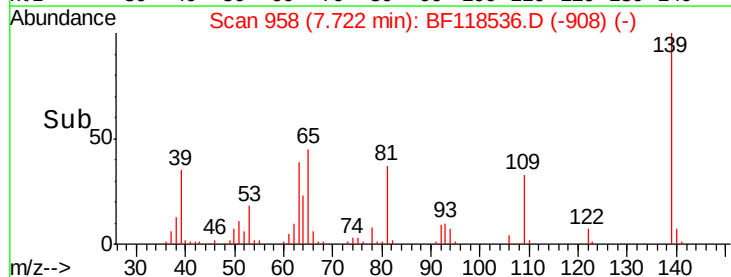
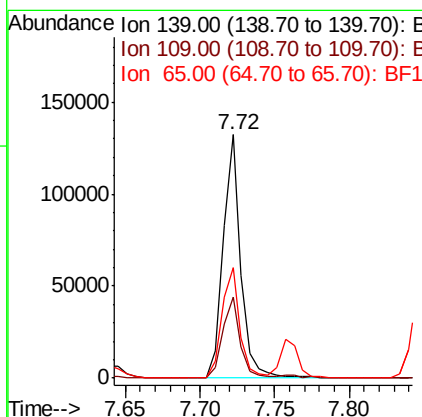
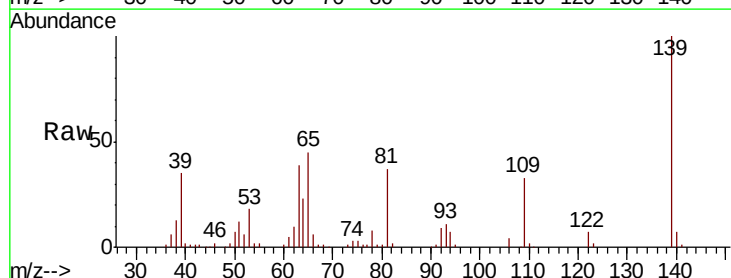
Manual Integrations
APPROVED

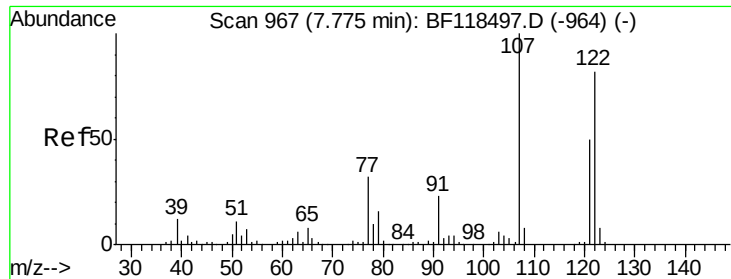
mohammad
1/14/2020 2:31:39 PM



#26
2-Nitrophenol
Concen: 46.389 ng
RT: 7.72 min Scan# 958
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	111242		
109	33.5		26.4	39.6
65	45.2		35.3	52.9





#27

2,4-Dimethylphenol

Concen: 53.664 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

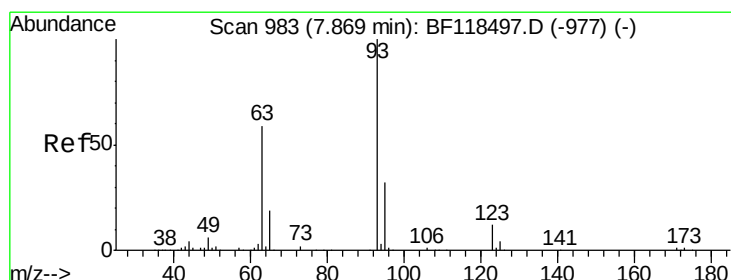
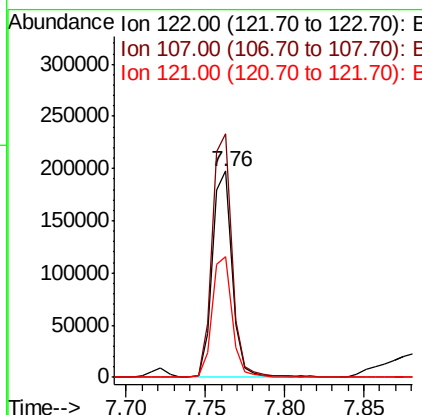
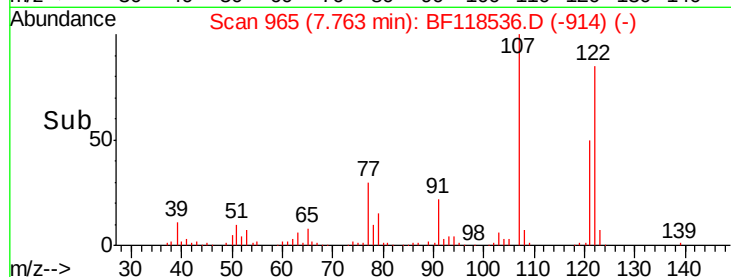
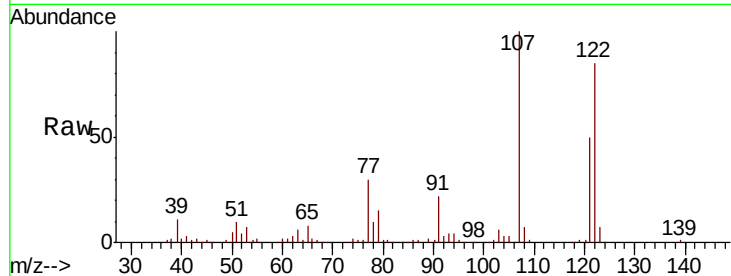
ClientSampleId :

CIY1-SB-01-0-52MSD

Tot Ion:	122	Resp:	173063
Ion Ratio	Lower	Upper	
122	100		
107	118.3	96.6	145.0
121	58.7	47.4	71.0

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#28

bis(2-Chloroethoxy)methane

Concen: 43.025 ng

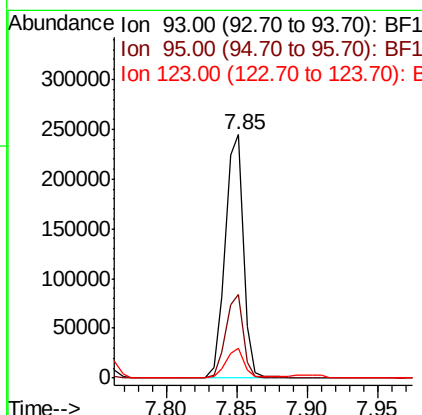
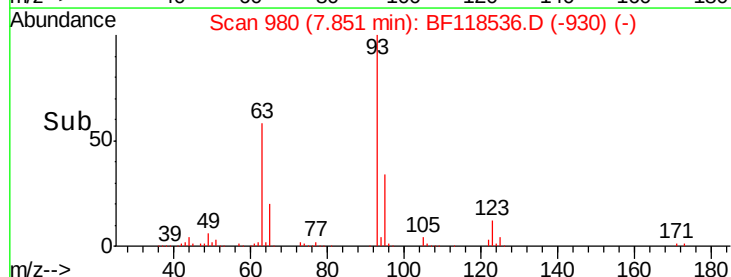
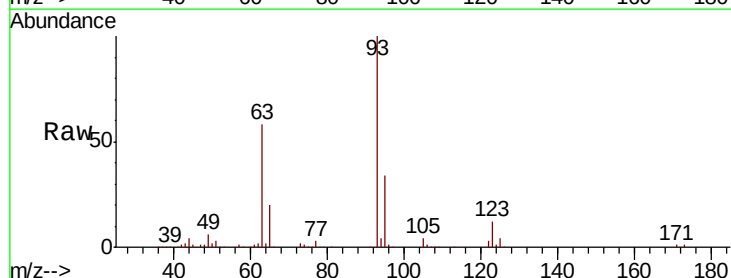
RT: 7.85 min Scan# 980

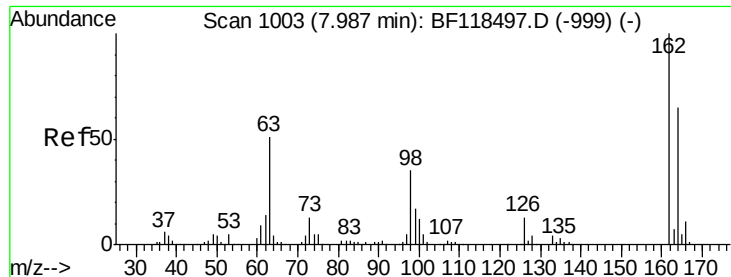
Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion:	93	Resp:	221346
Ion Ratio	Lower	Upper	
93	100		
95	34.4	25.8	38.8
123	12.3	10.0	15.0





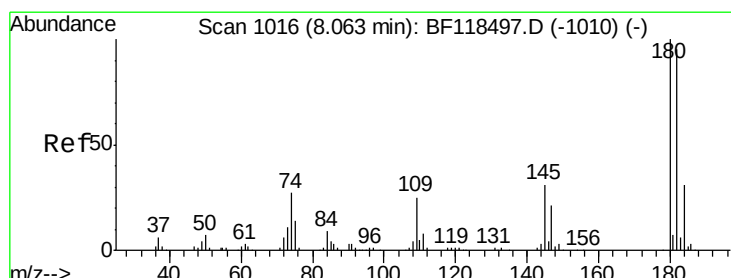
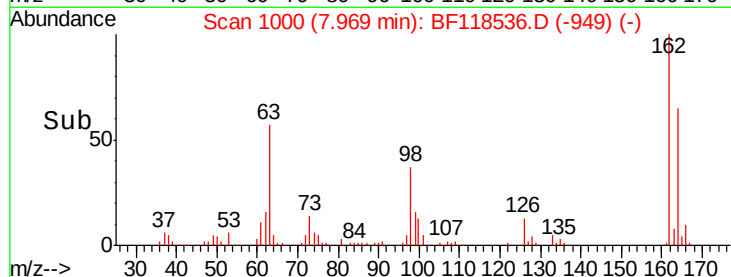
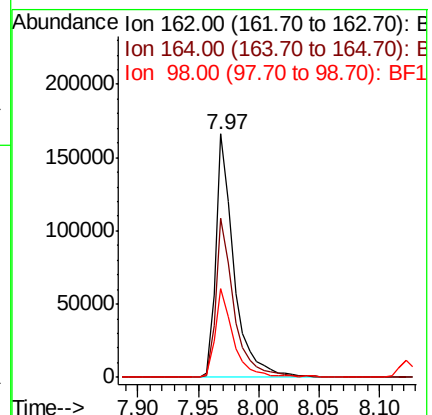
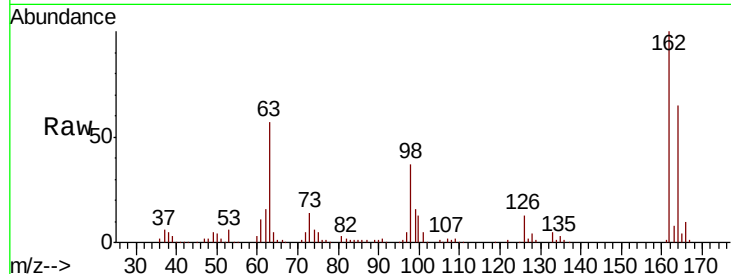
#29
2,4-Dichlorophenol
Concen: 45.608 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	171734		
164	65.3	45.5	85.5	
98	36.6	18.7	58.7	

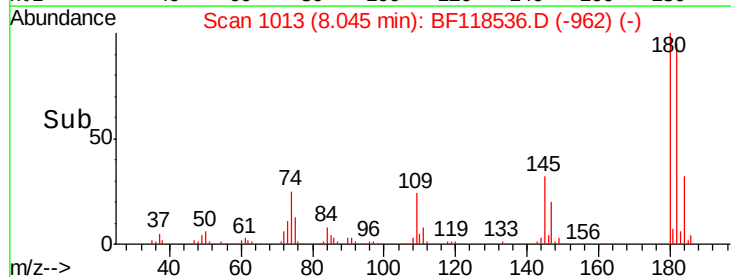
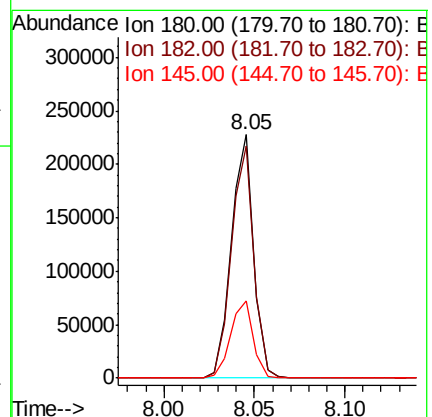
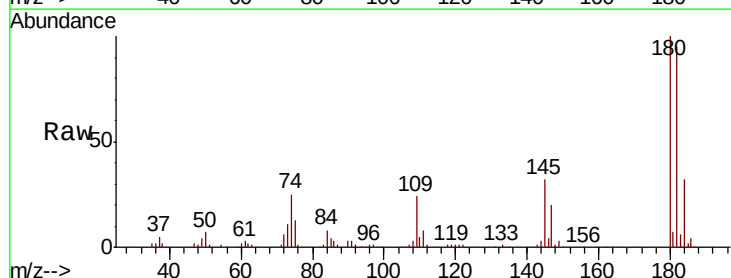
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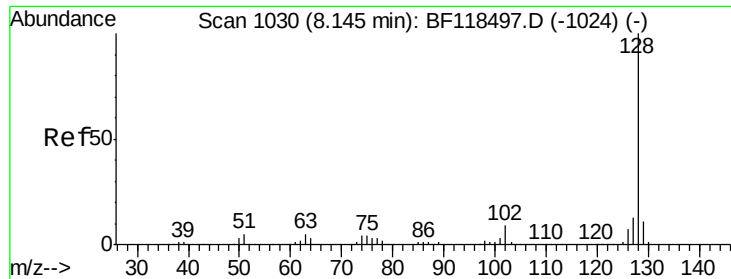
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#30
1,2,4-Trichlorobenzene
Concen: 44.379 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	194085		
182	95.3	76.2	114.2	
145	31.6	26.8	40.2	





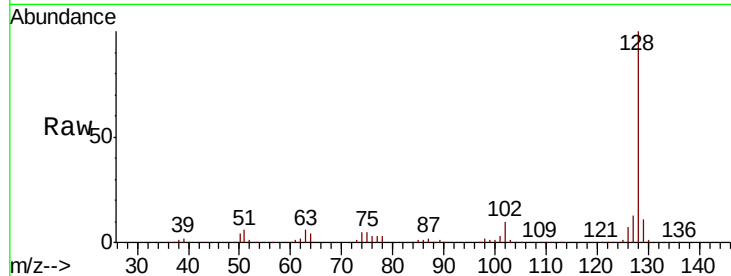
#31
Naphthalene
Concen: 43.323 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.3	10.6	15.8

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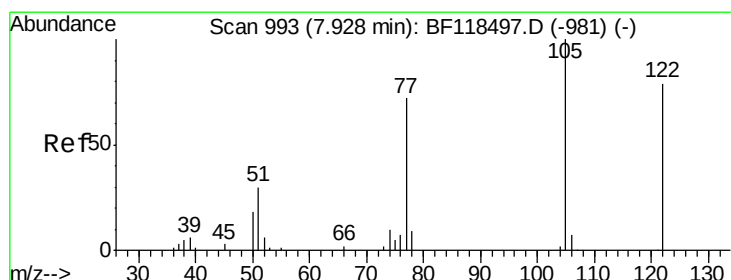
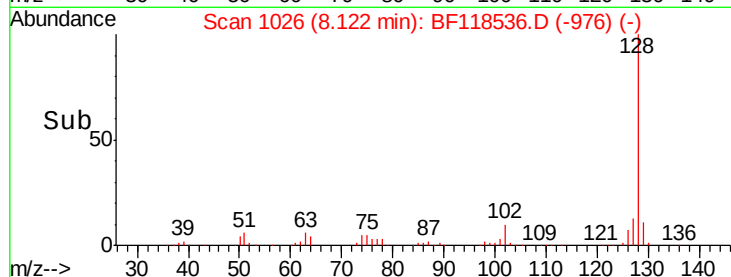
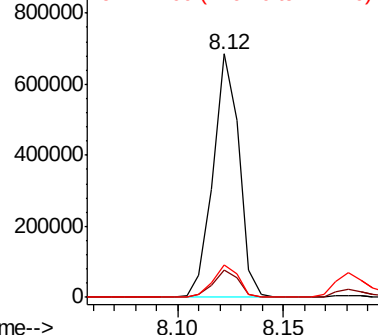


Abundance

Ion 128.00 (127.70 to 128.70): E

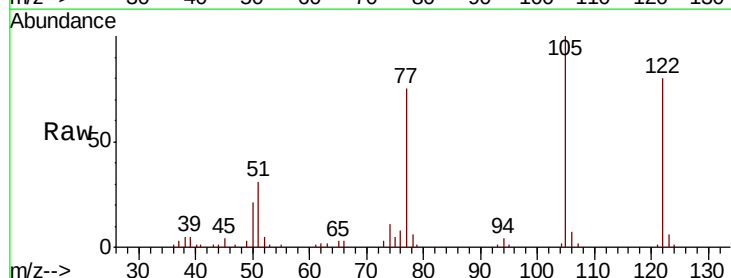
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 48.013 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.8	109.5	149.5
77	94.4	75.7	115.7

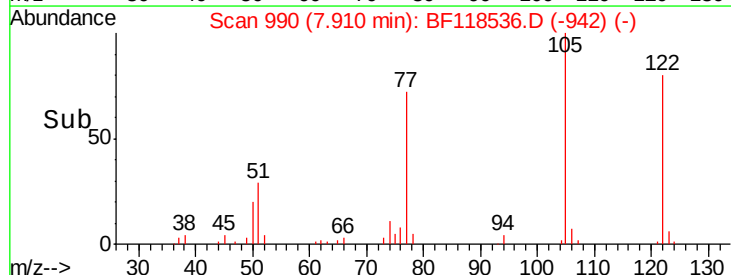
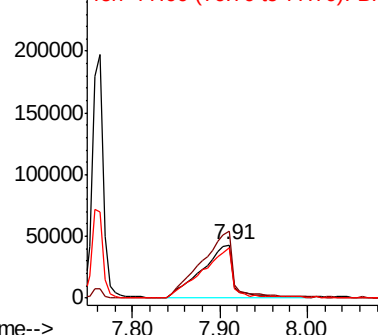


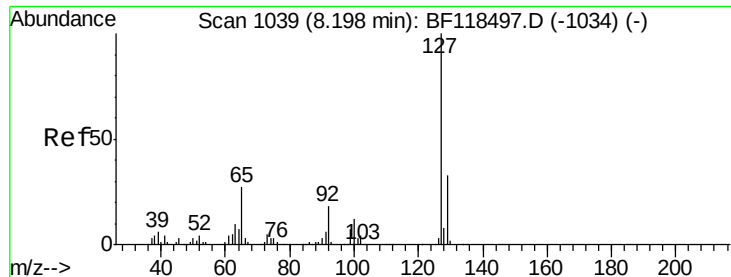
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





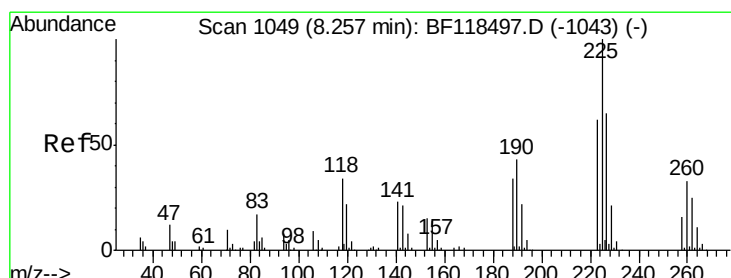
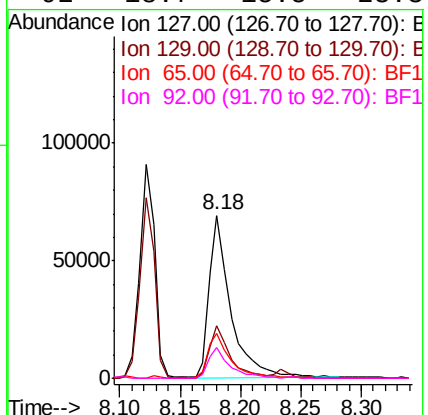
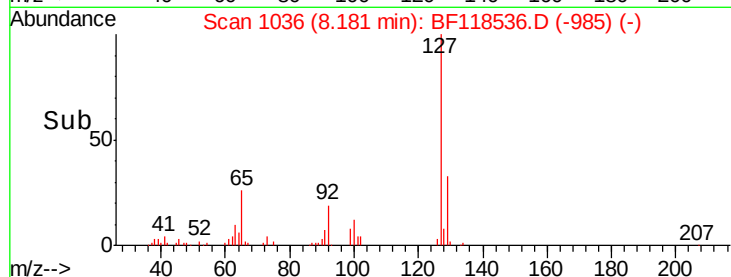
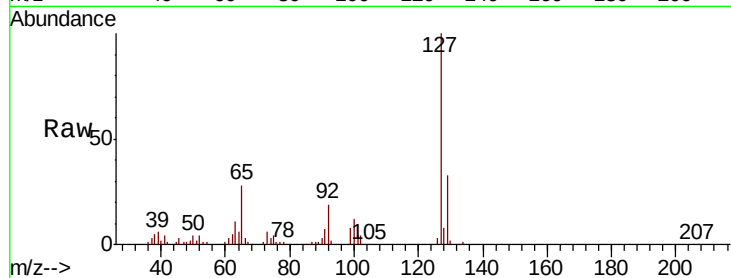
#33
4-Chloroaniline
Concen: 15.440 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	27.7	23.2	34.8
92	18.7	15.5	23.3

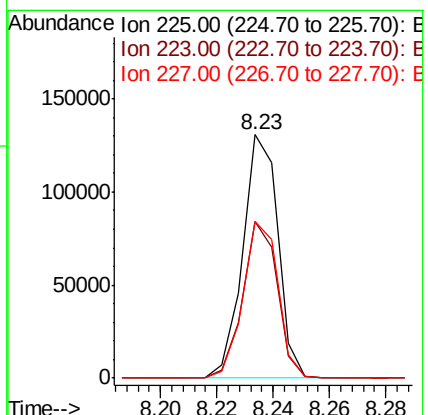
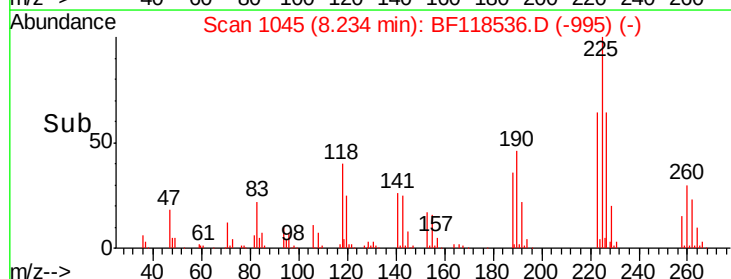
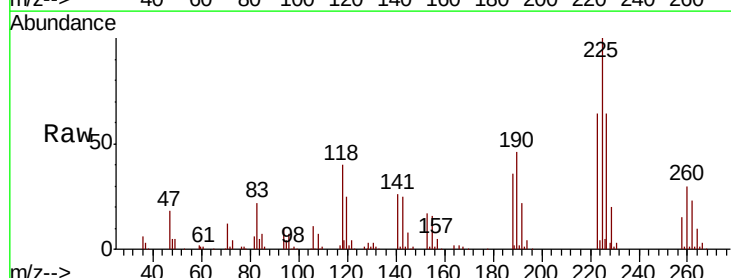
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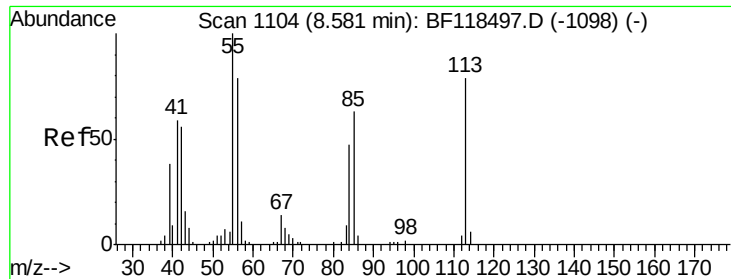
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#34
Hexachlorobutadiene
Concen: 41.917 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.3	52.0	78.0
227	64.1	52.0	78.0





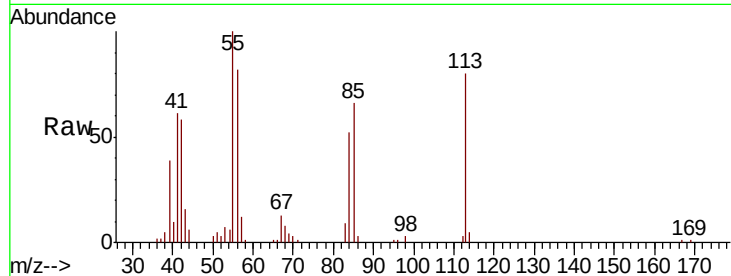
#35
Caprolactam
Concen: 47.942 ng/ml
RT: 8.55 min Scan# 1099
Delta R.T. -0.02 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	125.2	107.6	147.6	
56	102.9	87.4	127.4	

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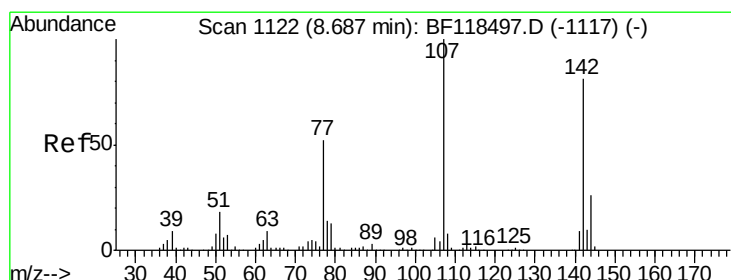
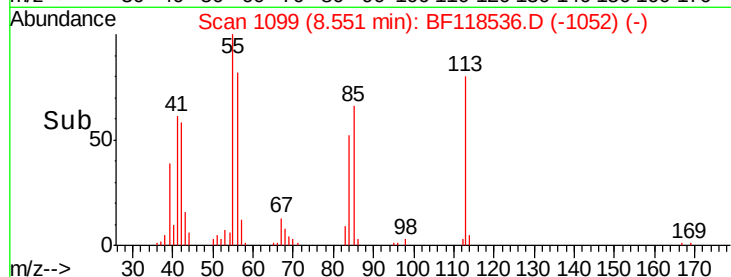
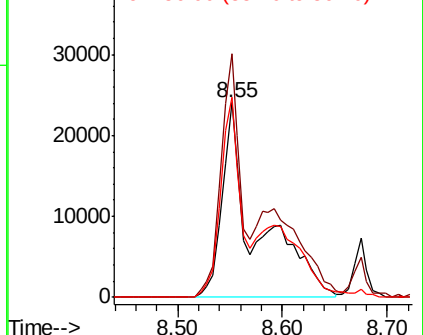


Abundance

Ion 113.00 (112.70 to 113.70): E

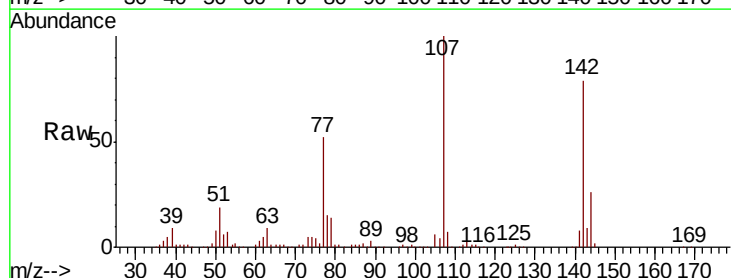
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 48.743 ng
RT: 8.67 min Scan# 1120
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	25.8	20.3	30.5	
142	79.3	63.4	95.2	

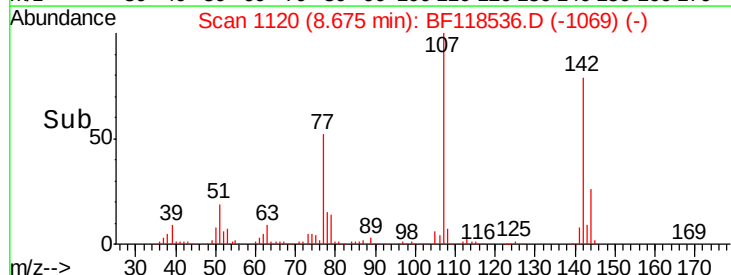
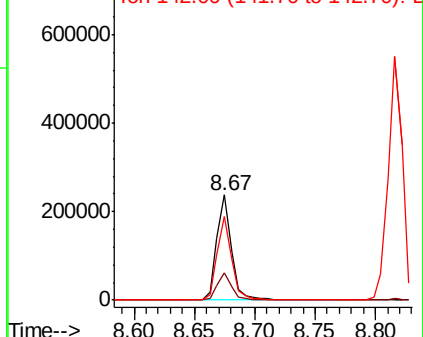


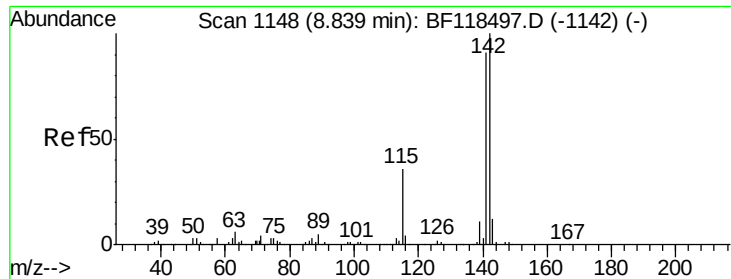
Abundance

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





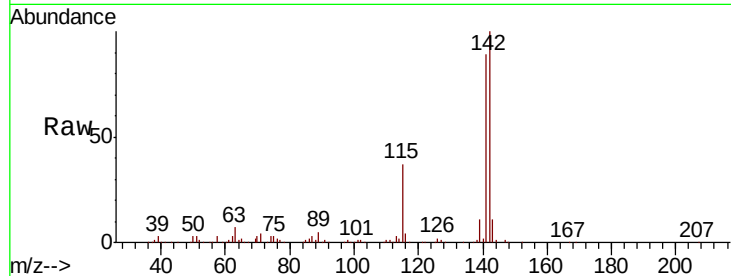
#37
2-Methylnaphthalene
Concen: 49.499 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	455962		
141	89.1	71.2	106.8	
115	36.9	29.4	44.2	

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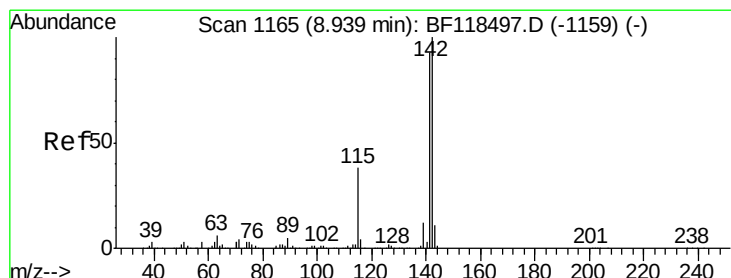
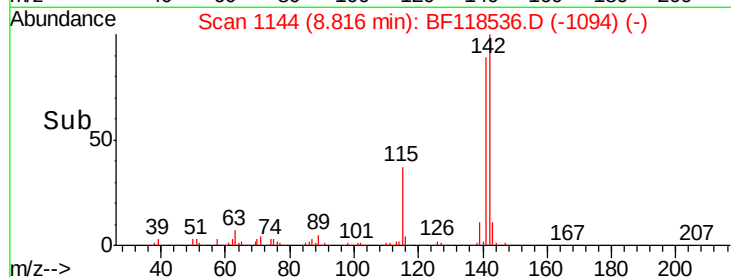
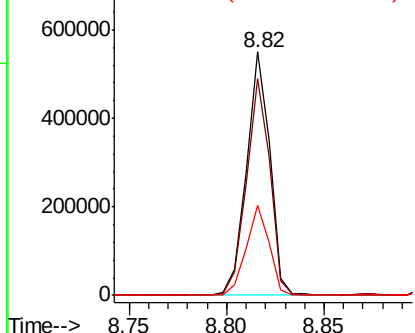


Abundance

Ion 142.00 (141.70 to 142.70): E

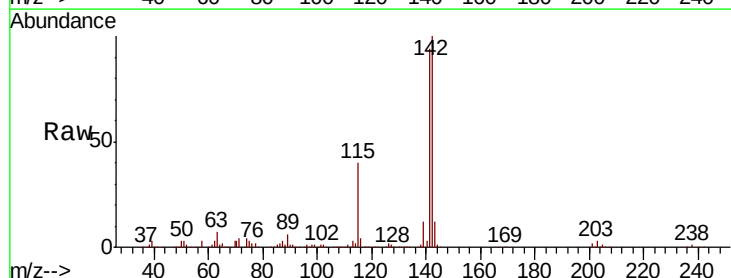
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.119 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	390221		
141	94.3	73.6	110.4	
116	3.8	3.2	4.8	

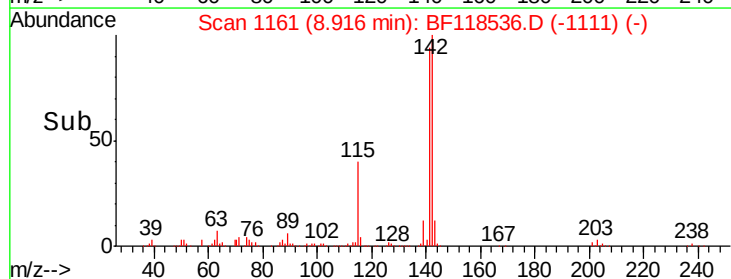
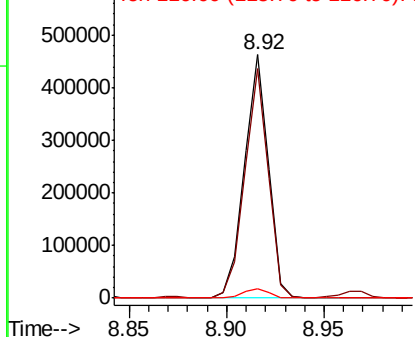


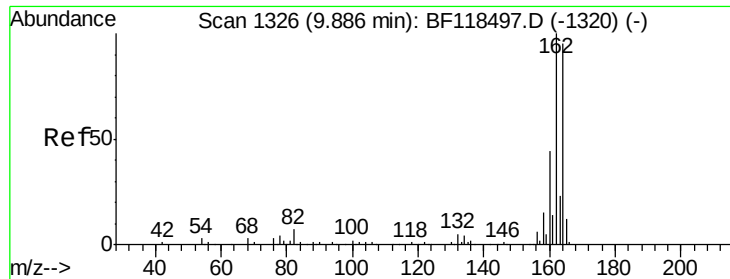
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





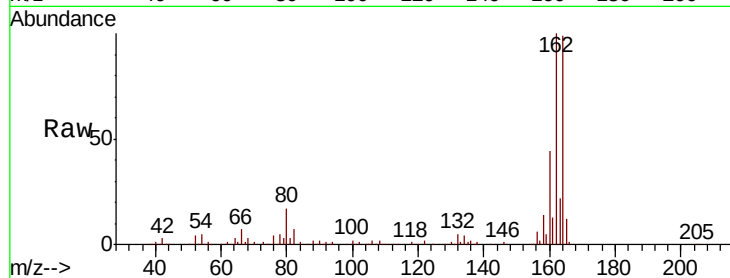
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

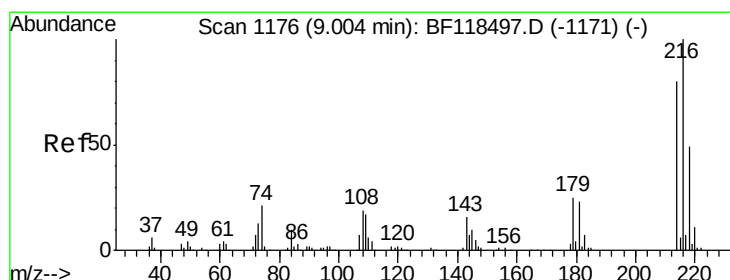
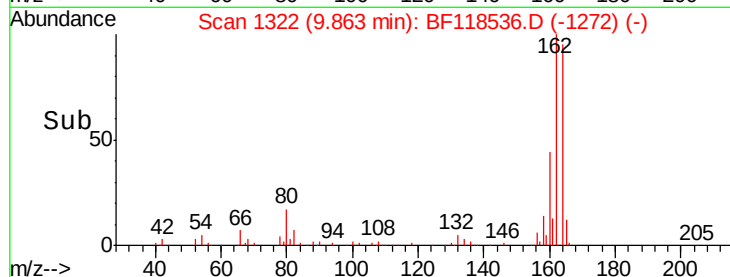
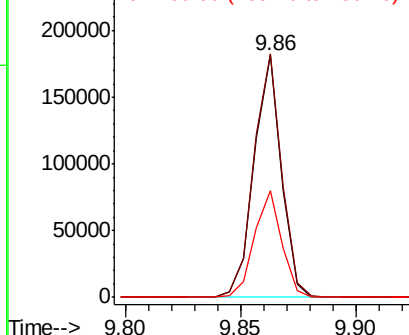
Tot Ion:	164	Resp:	149591
Ion Ratio	Lower	Upper	
164	100		
162	100.7	82.3	123.5
160	43.9	35.3	52.9

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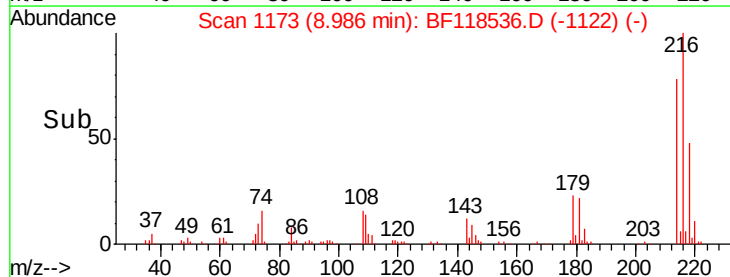
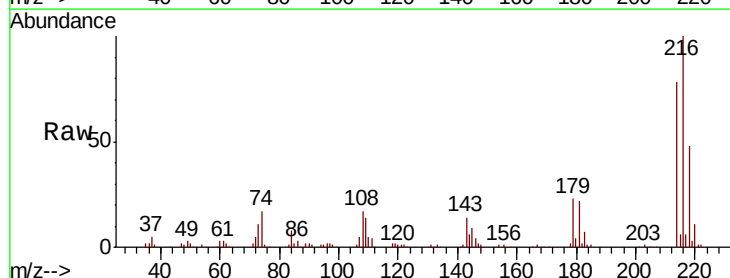
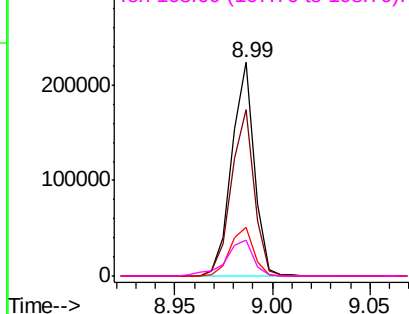
Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

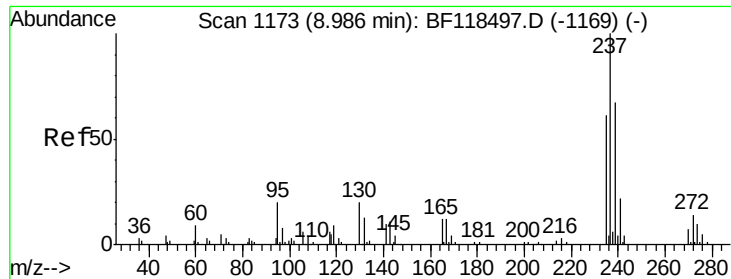


#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.111 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion:	216	Resp:	179762
Ion Ratio	Lower	Upper	
216	100		
214	79.2	62.6	93.8
179	23.4	18.9	28.3
108	20.2	15.1	22.7

Abundance Ion 216.00 (215.70 to 216.70): E
Ion 214.00 (213.70 to 214.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 108.00 (107.70 to 108.70): E





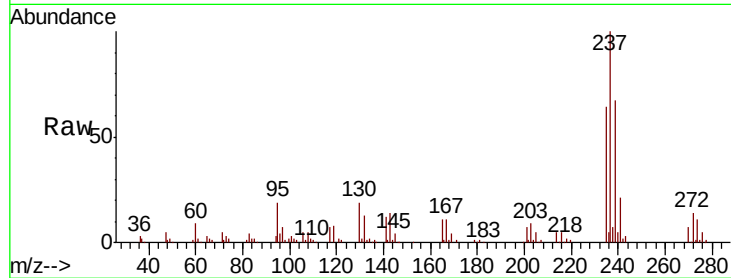
#41
Hexachlorocyclopentadiene
Concen: 70.285 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

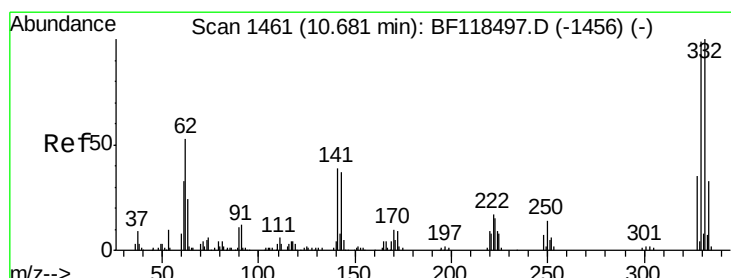
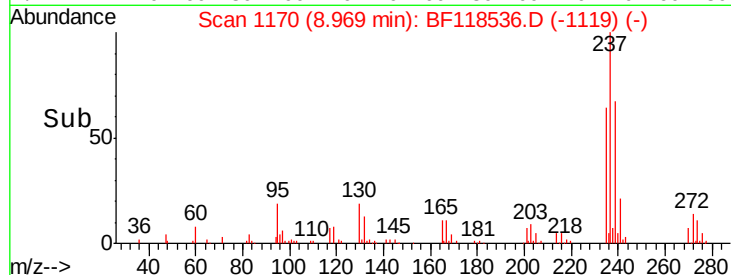
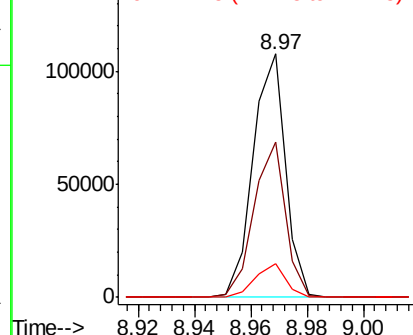
Tot Ion	Ratio	Resp	Lower	Upper
237	100	85731		
235	64.0		43.5	83.5
272	13.7		0.0	33.3

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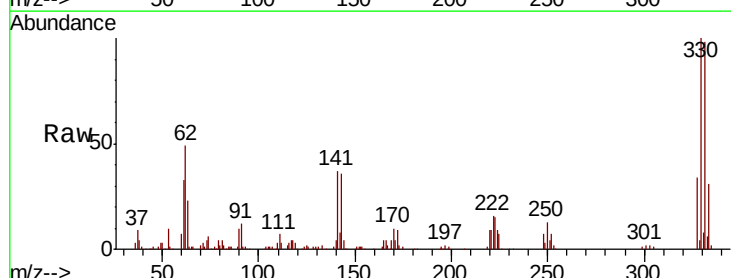


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

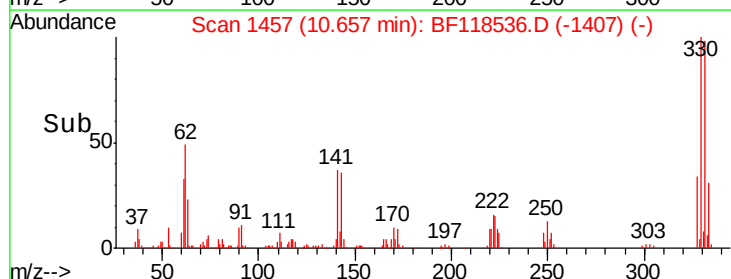
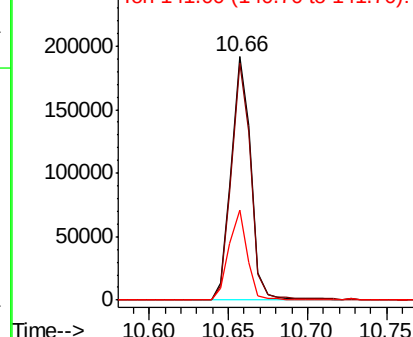


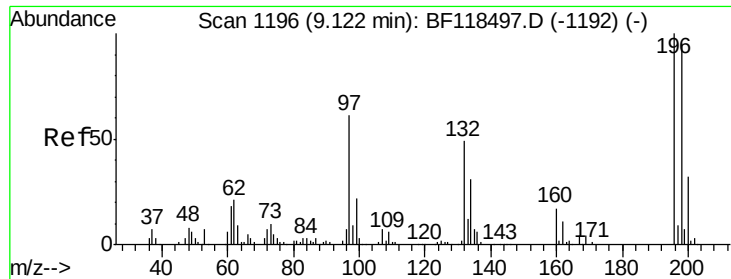
#42
2,4,6-Tribromophenol
Concen: 94.004 ng
RT: 10.66 min Scan# 1457
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	165930		
332	97.5		75.5	113.3
141	35.2		27.8	41.6



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





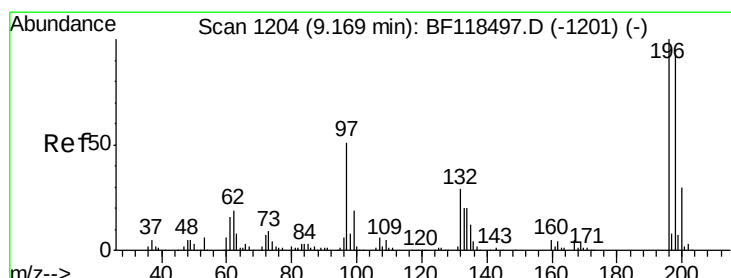
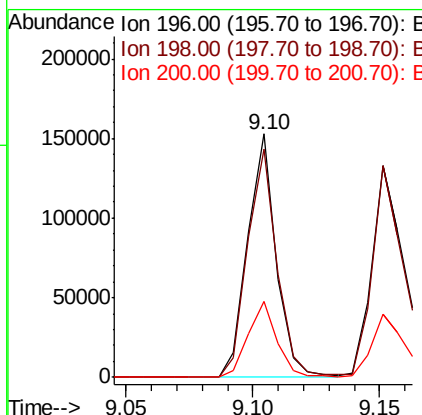
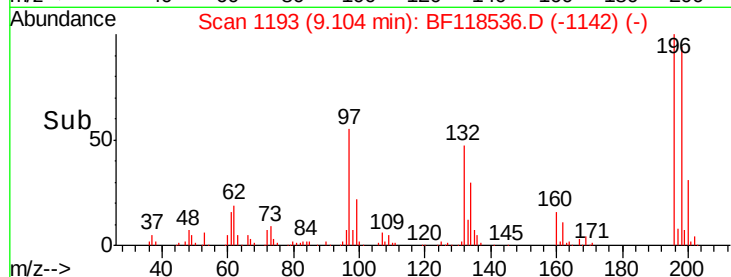
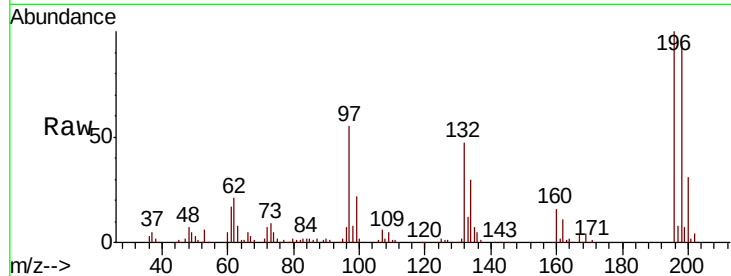
#43
 2,4,6-Trichlorophenol
 Concen: 42.498 ng
 RT: 9.10 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	120704		
198	93.8	76.6	115.0	
200	31.2	24.8	37.2	

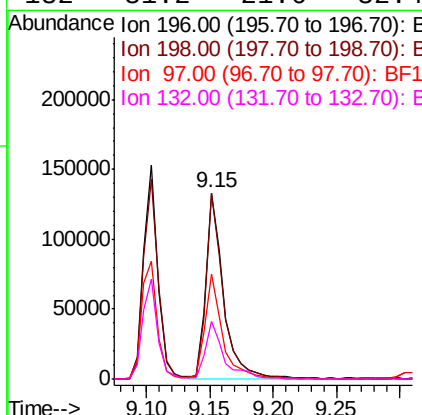
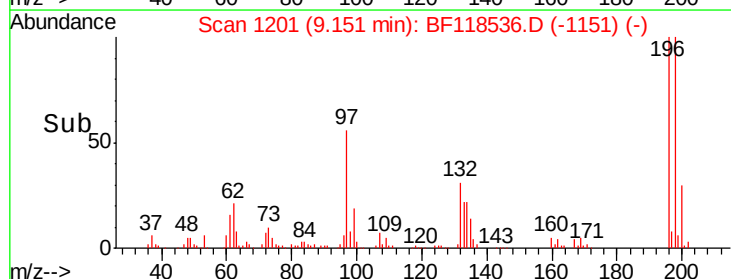
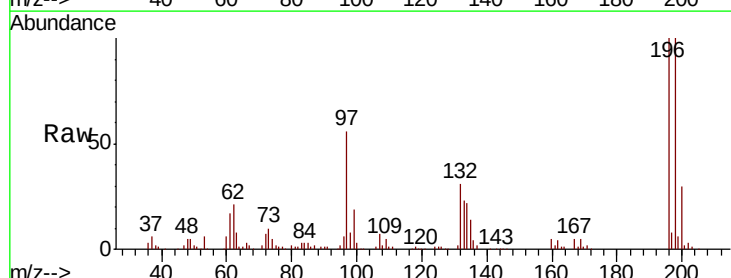
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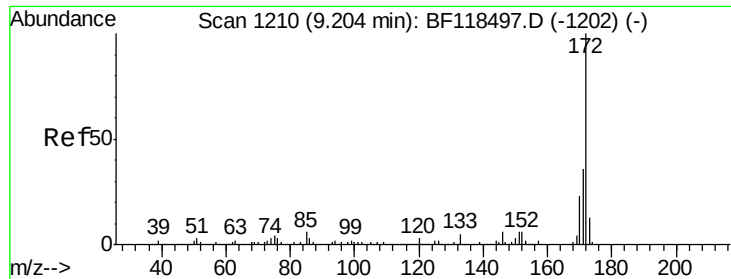
mohammad
 1/14/2020 2:31:39 PM



#44
 2,4,5-Trichlorophenol
 Concen: 44.167 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	129813		
198	99.7	75.8	113.6	
97	56.4	40.1	60.1	
132	31.2	21.6	32.4	





#45

2-Fluorobiphenyl

Concen: 52.495 ng

RT: 9.18 min Scan# 1206

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

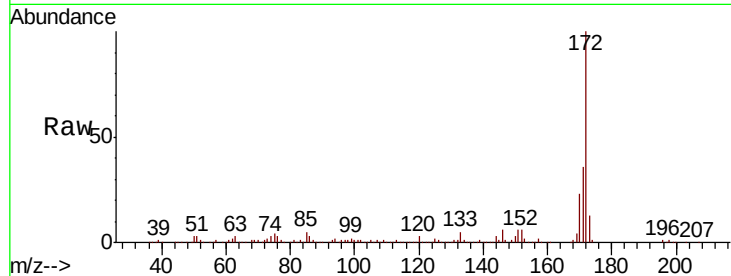
ClientSampleId :

CIY1-SB-01-0-52MSD

Tot Ion:	172	Resp:	547539
Ion Ratio	Lower	Upper	
172	100		
171	36.1	28.3	42.5
170	23.4	19.0	28.4

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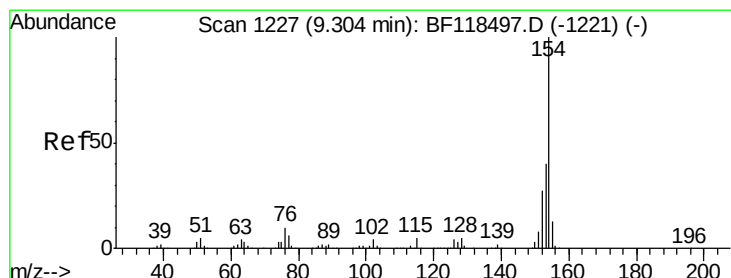
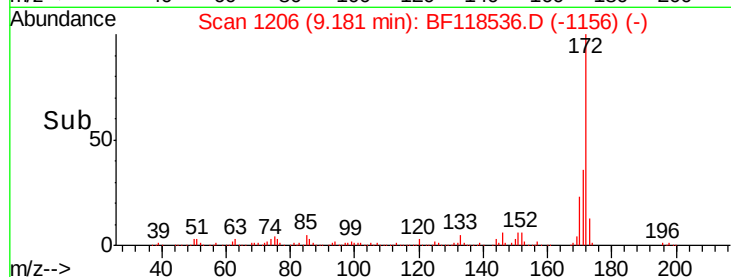
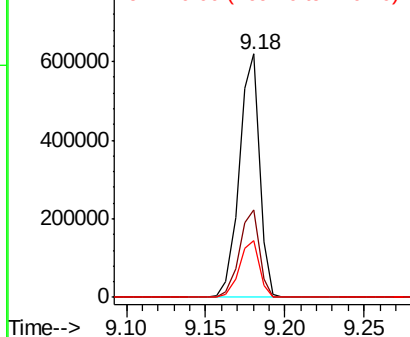


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 41.136 ng

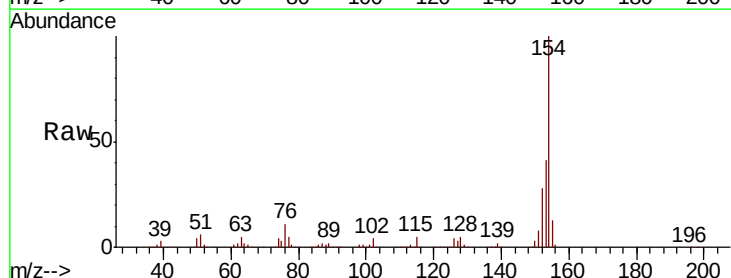
RT: 9.28 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion:	154	Resp:	502790
Ion Ratio	Lower	Upper	
154	100		
153	40.8	20.7	60.7
76	11.2	0.0	31.1

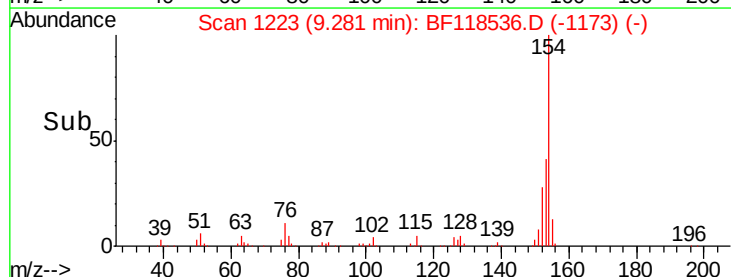
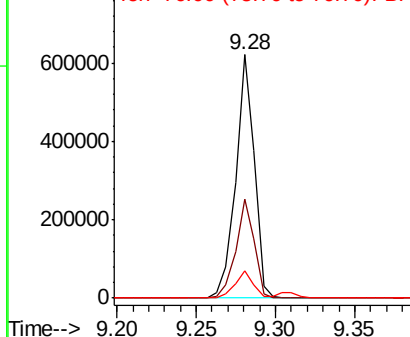


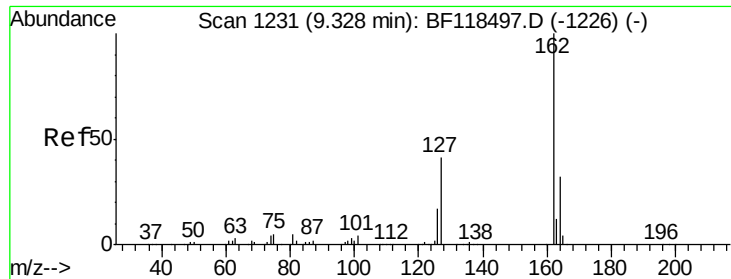
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





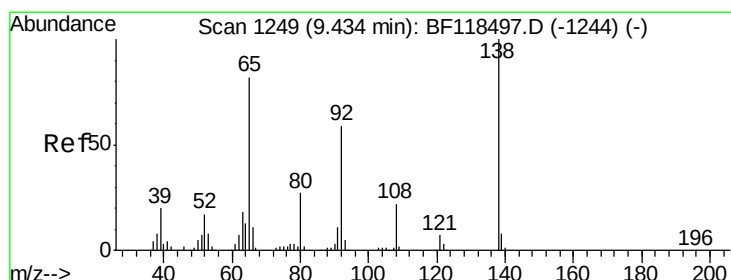
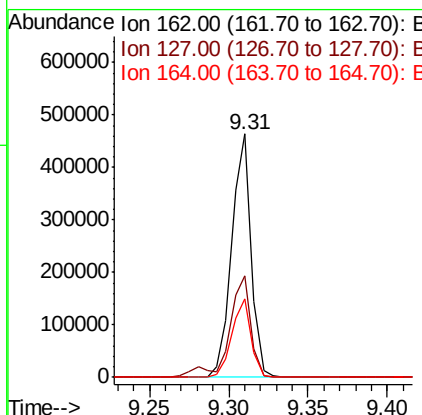
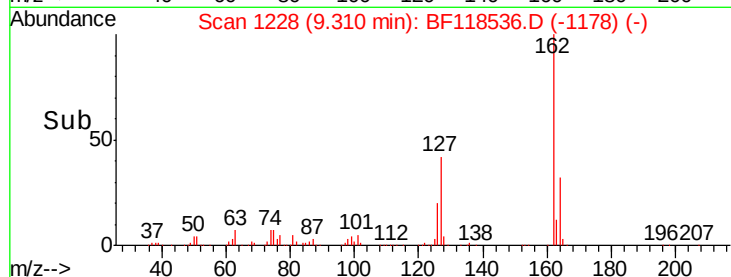
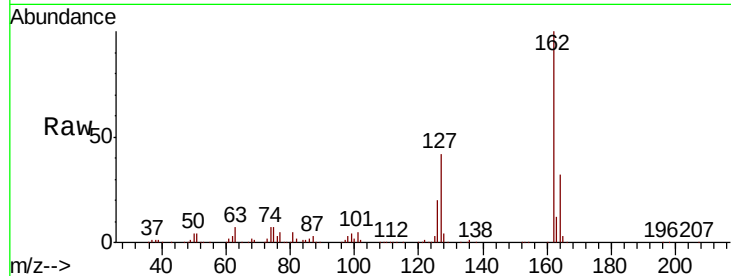
#47
2-Chloronaphthalene
Concen: 40.625 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.5	33.7	50.5
164	32.2	26.6	39.8

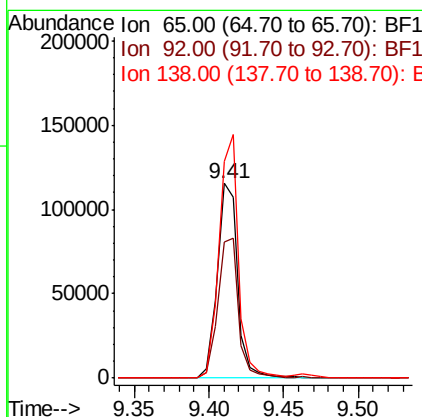
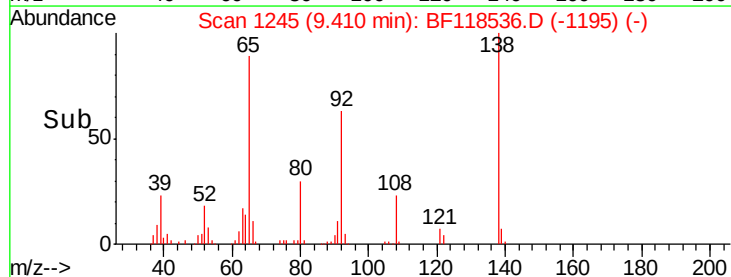
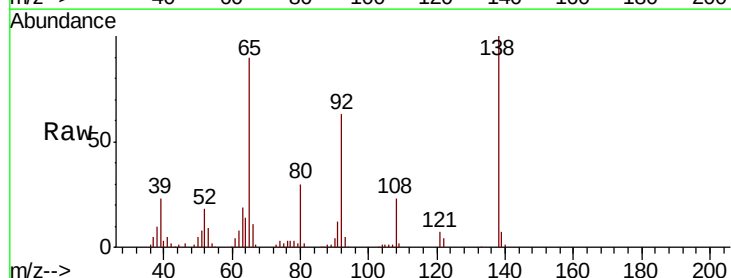
Manual Integrations
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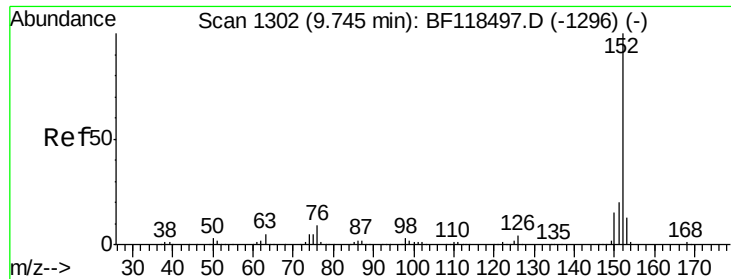
mohammad
1/14/2020 2:31:39 PM



#48
2-Nitroaniline
Concen: 39.688 ng
RT: 9.41 min Scan# 1245
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.1	55.8	83.8
138	111.3	91.4	137.2





#49

Acenaphthylene

Concen: 44.356 ng

RT: 9.73 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

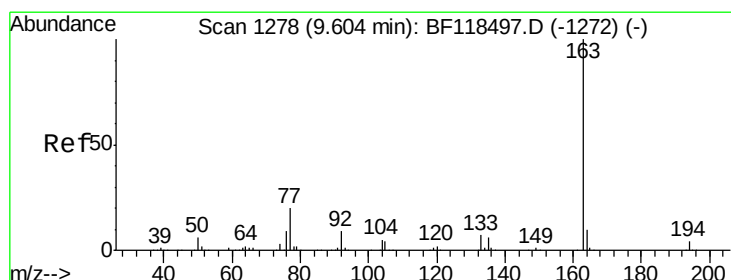
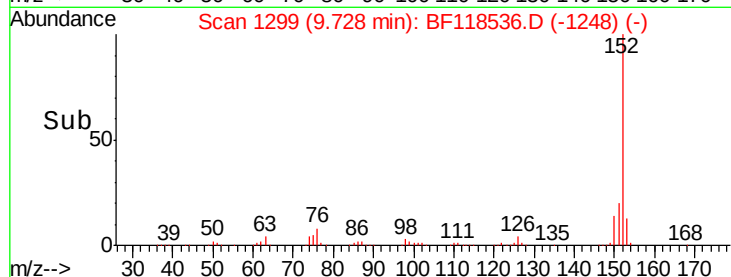
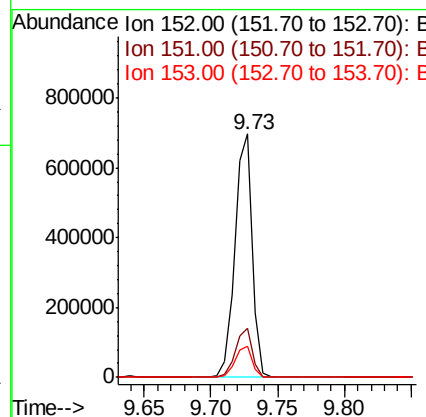
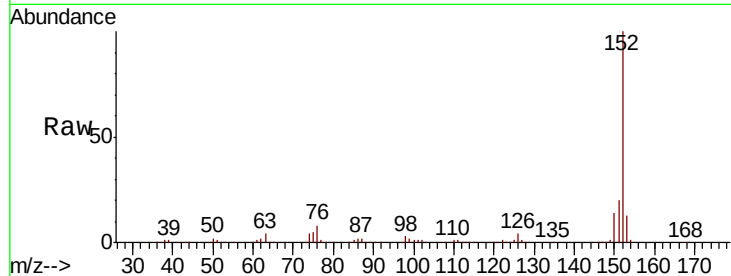
ClientSampleId :

CIY1-SB-01-0-52MSD

Tot Ion:	152	Resp:	638743
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.1	24.1
153	12.6	10.6	16.0

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#50

Dimethylphthalate

Concen: 45.390 ng

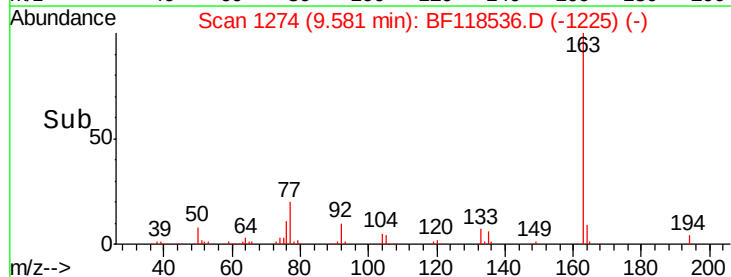
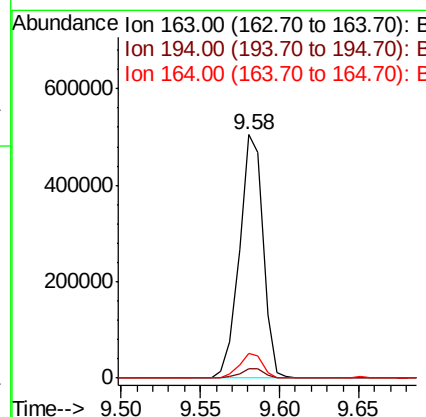
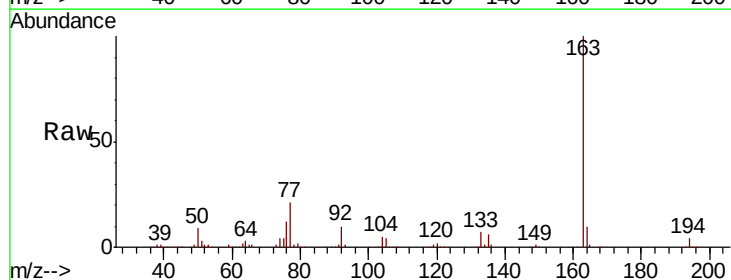
RT: 9.58 min Scan# 1274

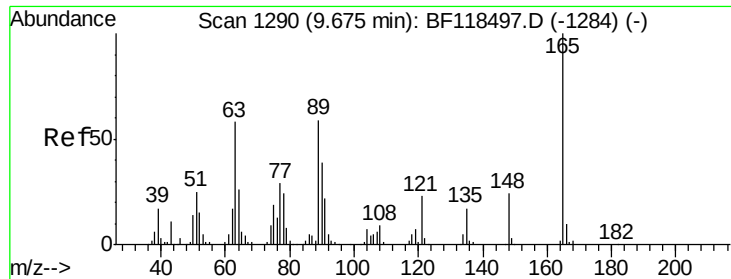
Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion:	163	Resp:	521139
Ion Ratio	Lower	Upper	
163	100		
194	3.6	3.1	4.7
164	10.1	8.0	12.0





#51

2,6-Dinitrotoluene

Concen: 42.412 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

ClientSampleId :

CIY1-SB-01-0-52MSD

Tot Ion:165 Resp: 104863

Ion Ratio Lower Upper

165 100

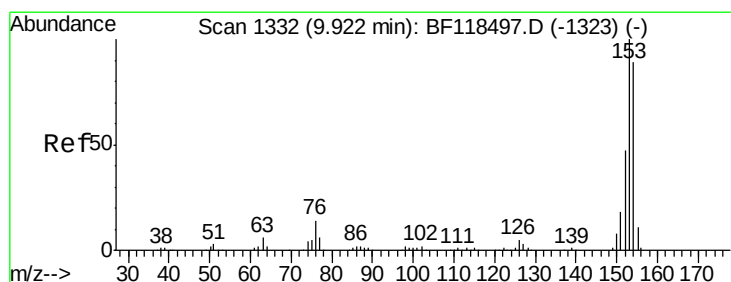
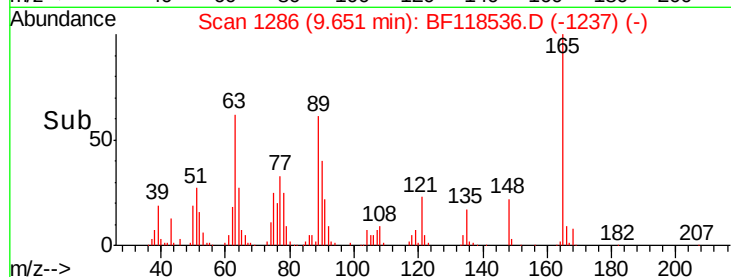
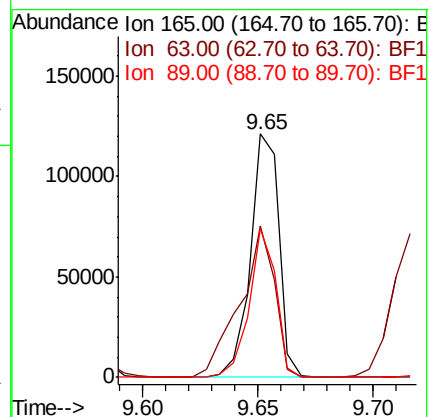
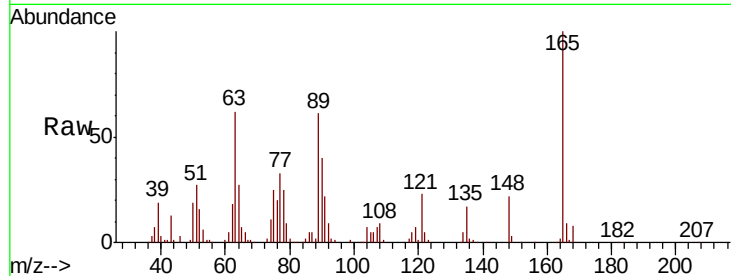
63 62.3 37.8 56.6#

89 61.2 42.0 63.0

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#52

Acenaphthene

Concen: 44.527 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

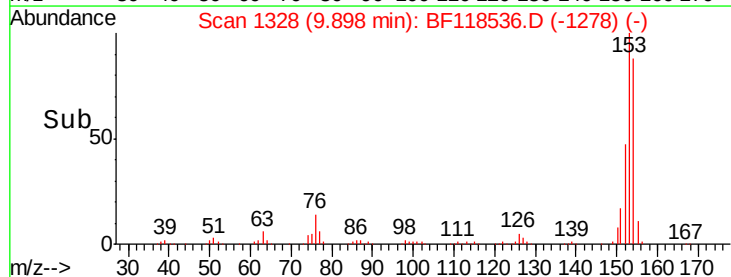
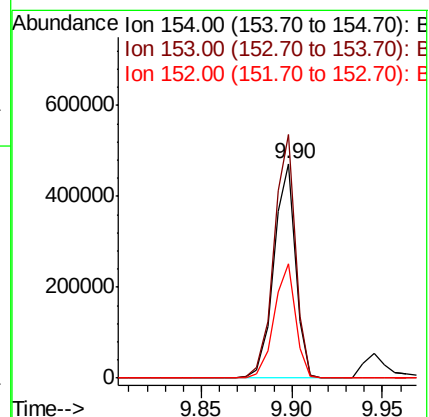
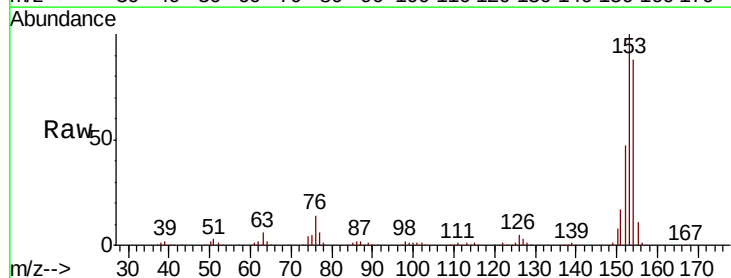
Tgt Ion:154 Resp: 391553

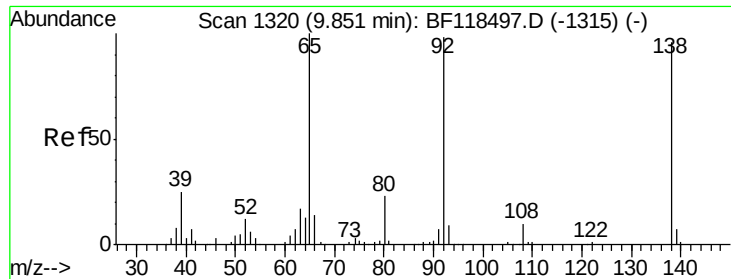
Ion Ratio Lower Upper

154 100

153 113.5 90.2 135.4

152 53.2 41.6 62.4





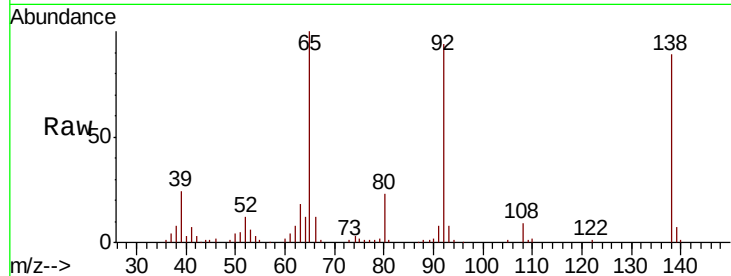
#53
3-Nitroaniline
Concen: 21.507 ng
RT: 9.83 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	8.4	12.6
92	105.1	87.5	131.3

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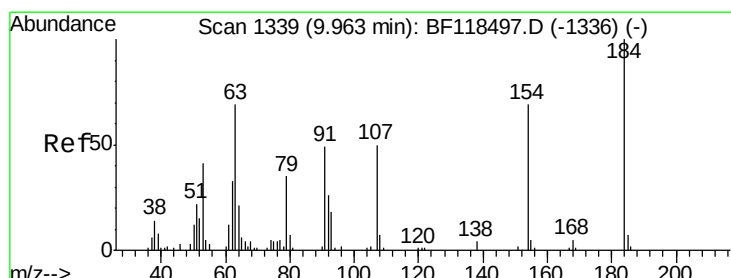
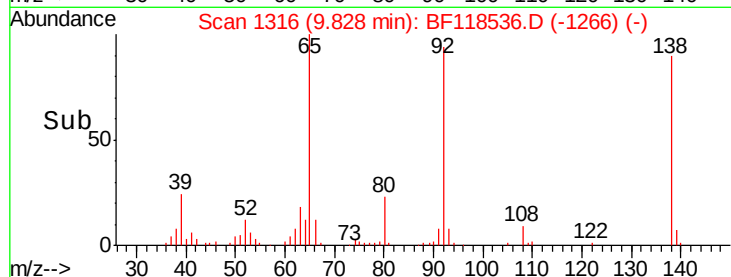
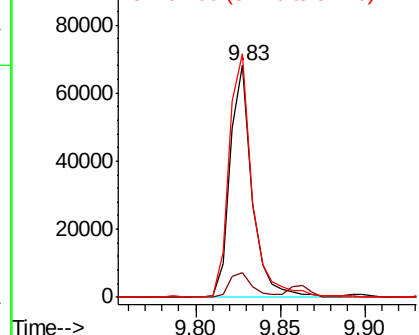


Abundance

Ion 138.00 (137.70 to 138.70): E

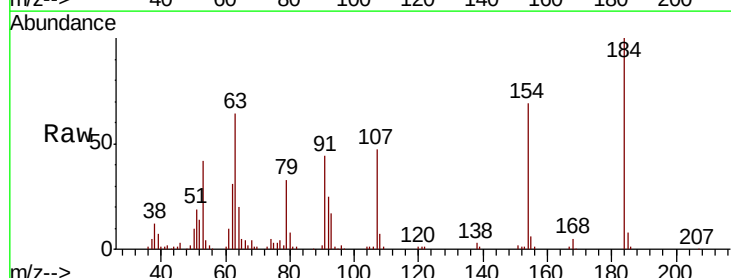
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 75.122 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
184	100		
63	63.8	52.1	78.1
154	68.6	59.1	88.7

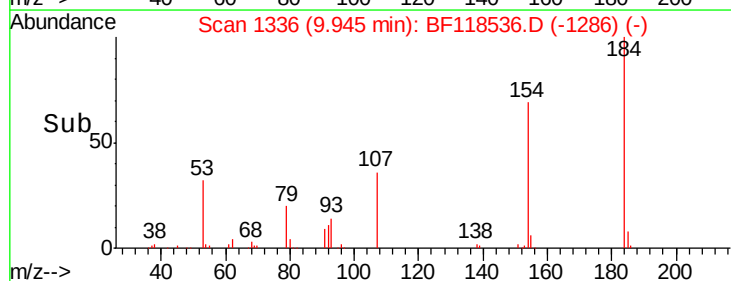
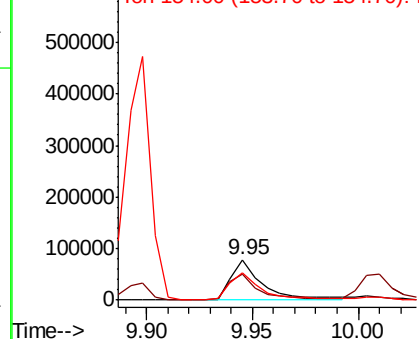


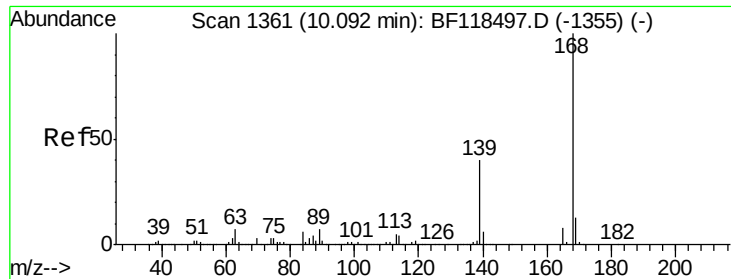
Abundance

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: 42.271 ng

RT: 10.07 min Scan# 1357

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

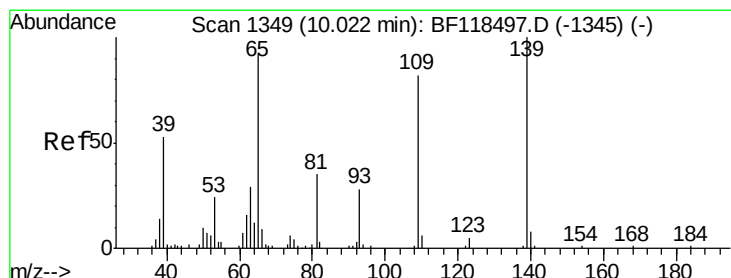
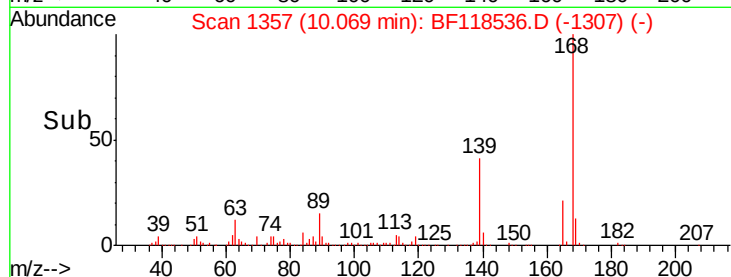
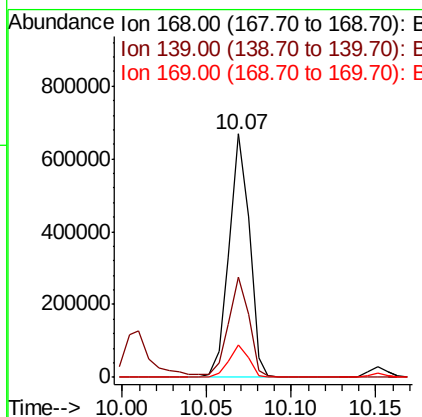
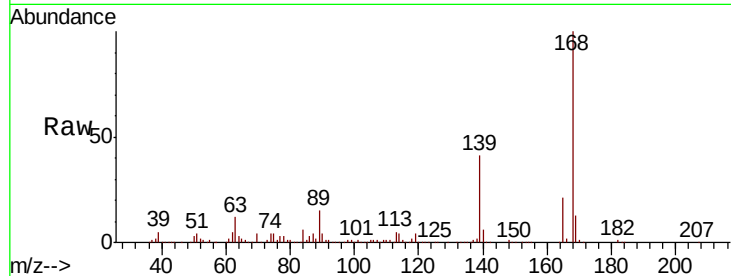
ClientSampleId :

CIY1-SB-01-0-52MSD

Tot Ion:	168	Resp:	558307
Ion Ratio	Lower	Upper	
168	100		
139	41.4	34.1	51.1
169	13.3	10.6	16.0

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#56

4-Nitrophenol

Concen: 101.050 ng

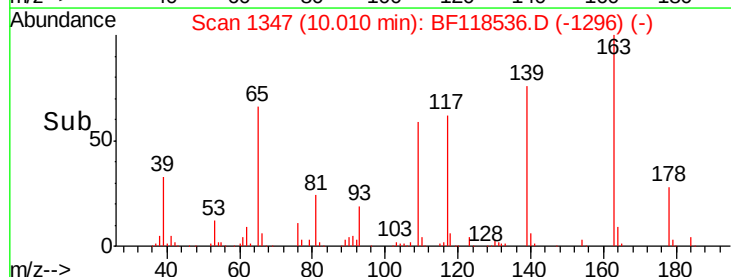
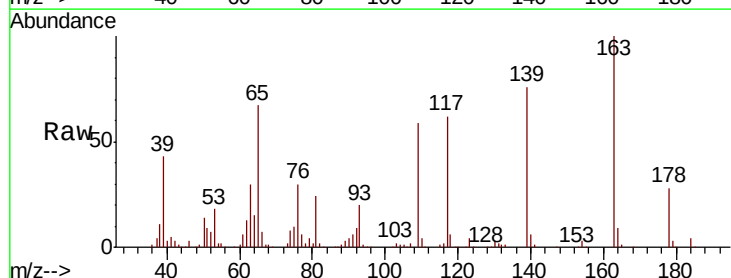
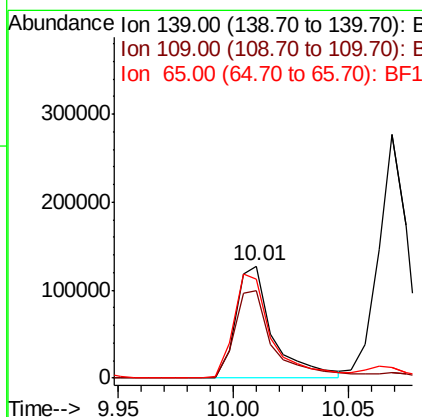
RT: 10.01 min Scan# 1347

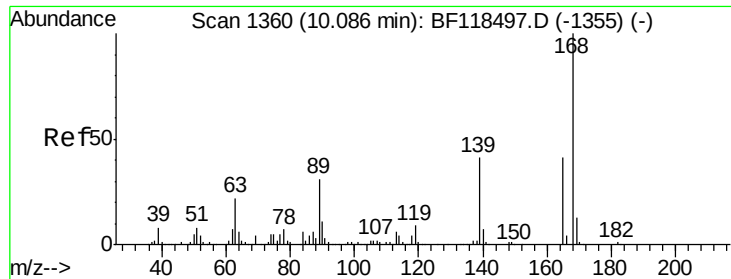
Delta R.T. 0.00 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion:	139	Resp:	142102
Ion Ratio	Lower	Upper	
139	100		
109	77.9	68.0	108.0
65	88.5	71.8	111.8





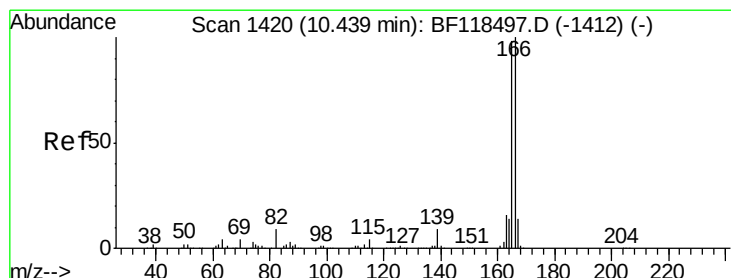
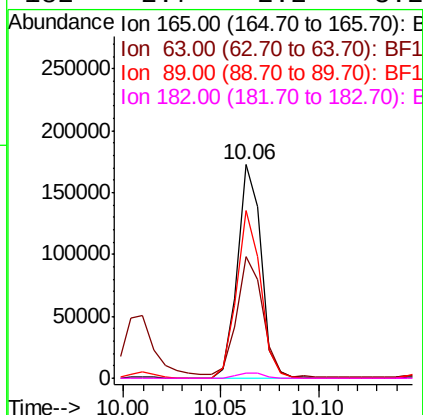
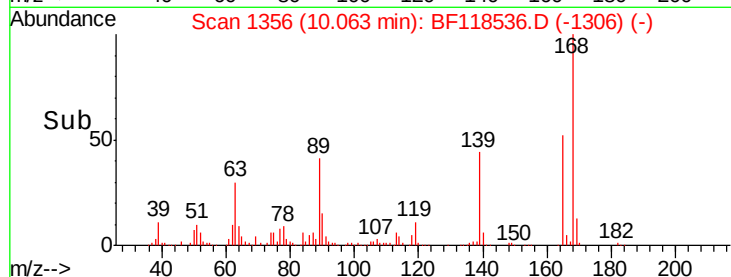
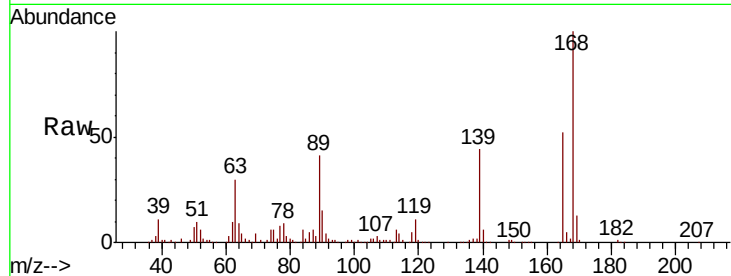
#57
2,4-Dinitrotoluene
Concen: 44.037 ng
RT: 10.06 min Scan# 1356
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	145789		
63	56.9	48.3	72.5	
89	78.4	65.1	97.7	
182	2.7	2.2	3.2	

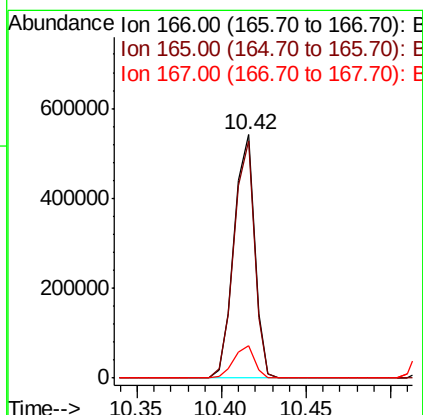
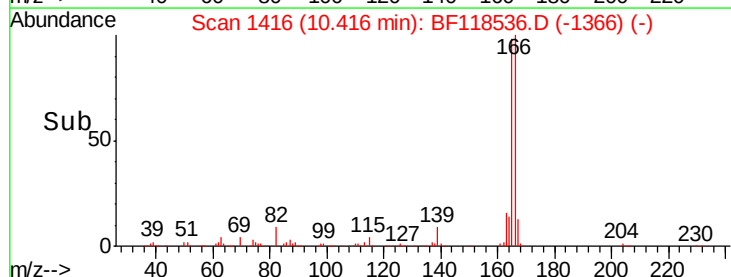
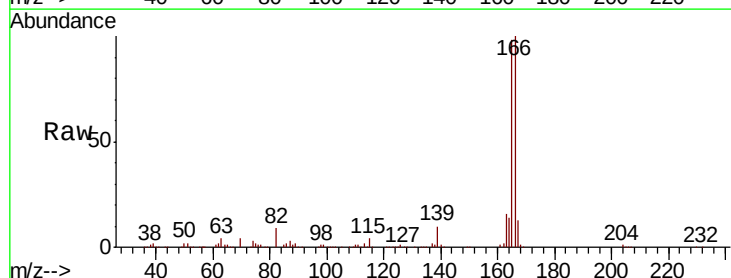
Manual Integrations
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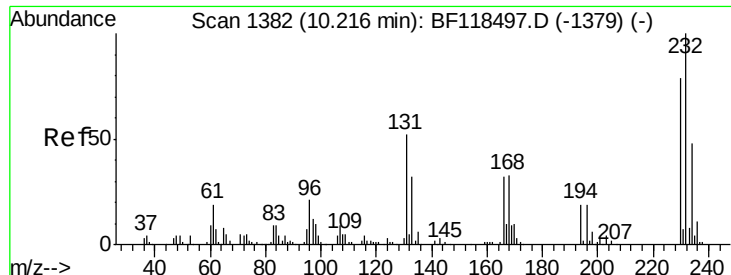
mohammad
1/14/2020 2:31:39 PM



#58
Fluorene
Concen: 43.318 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	459876		
165	97.5	78.4	117.6	
167	13.1	10.6	16.0	





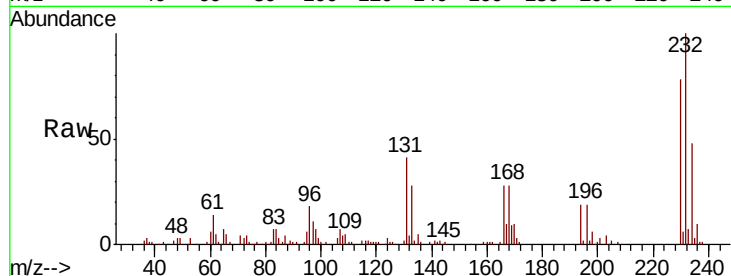
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.234 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. 0.00 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MSD

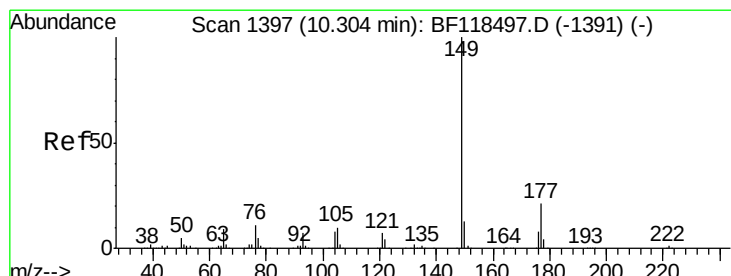
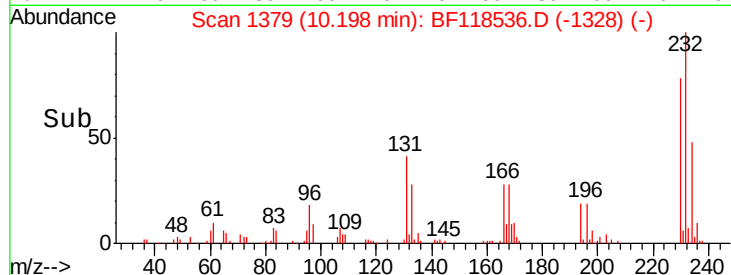
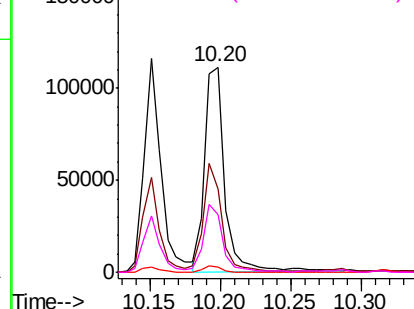
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.1	40.9	61.3
130	2.8	2.3	3.5
166	31.5	24.6	36.8

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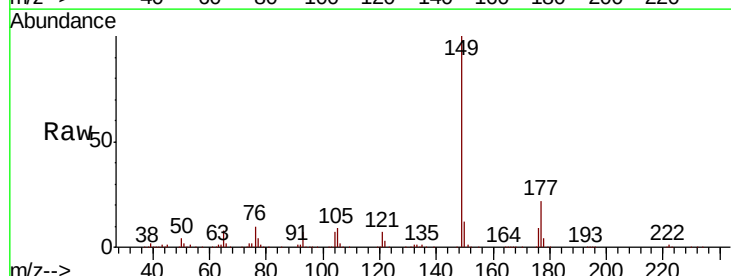


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

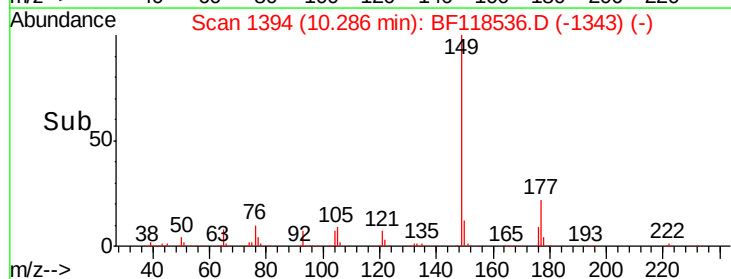
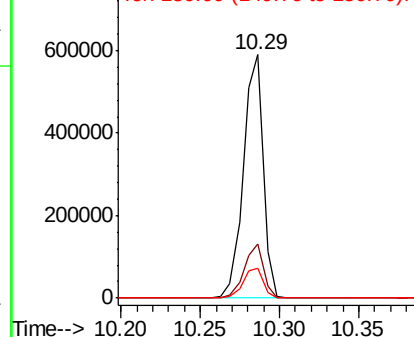


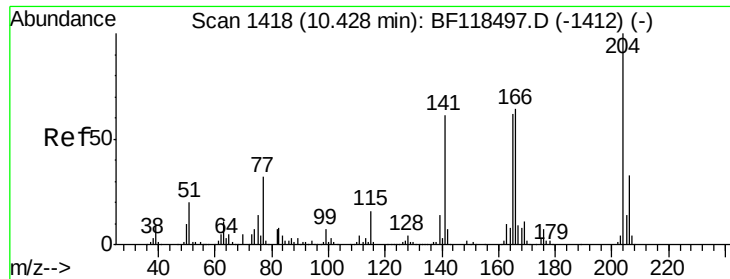
#60
 Diethylphthalate
 Concen: 43.738 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.00 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.1	25.7
150	12.4	10.2	15.4



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





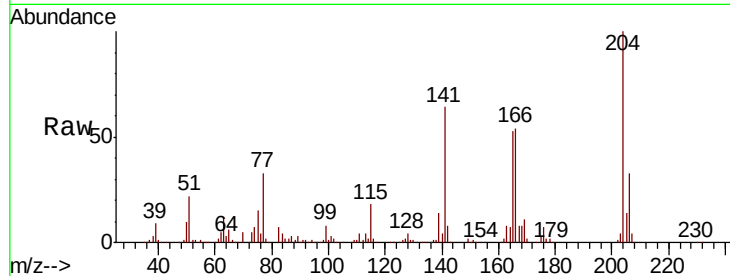
#61
 4-Chlorophenyl-phenylether
 Concen: 42.699 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.00 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MSD

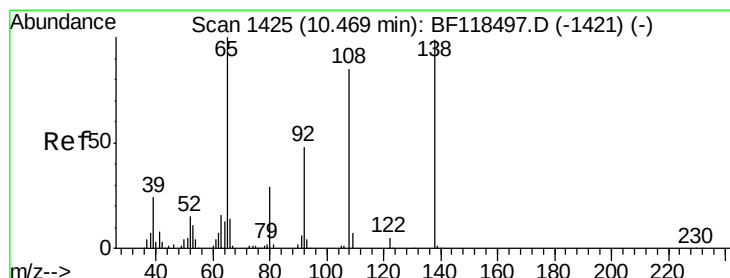
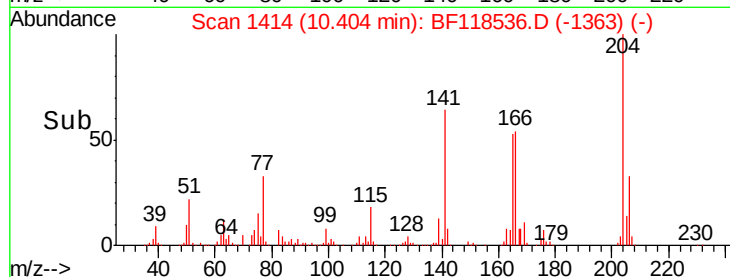
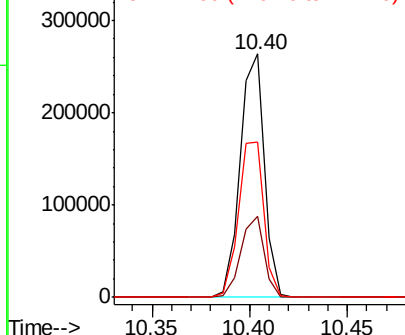
Tot Ion:	204	Resp:	226495
Ion Ratio	Lower	Upper	
204	100		
206	33.2	26.6	40.0
141	63.8	57.7	86.5

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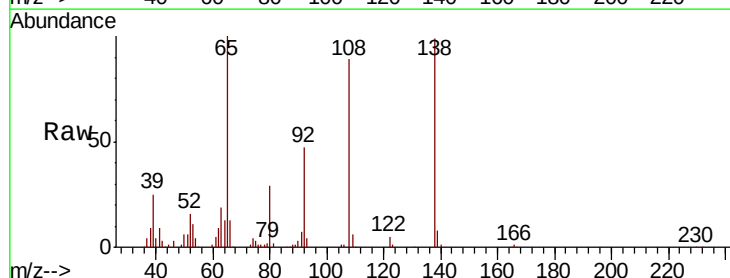


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

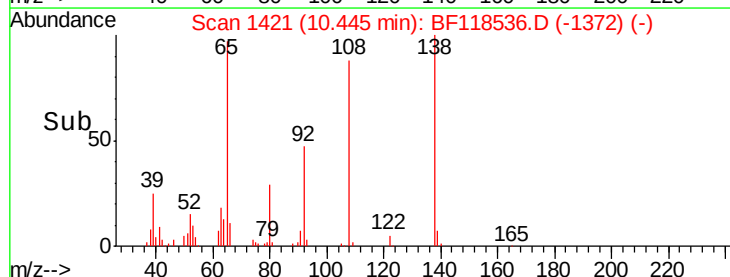
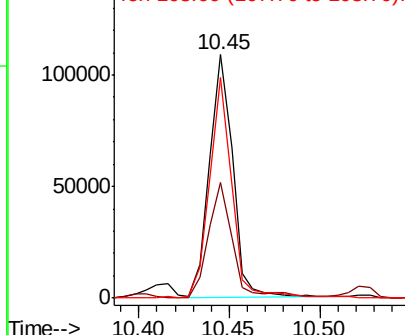


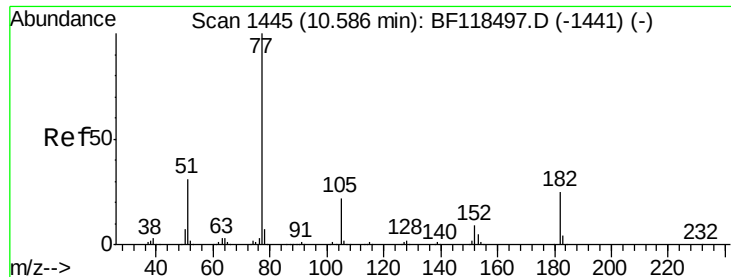
#62
 4-Nitroaniline
 Concen: 34.256 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion:	138	Resp:	97145
Ion Ratio	Lower	Upper	
138	100		
92	47.3	26.4	66.4
108	90.4	65.6	105.6



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





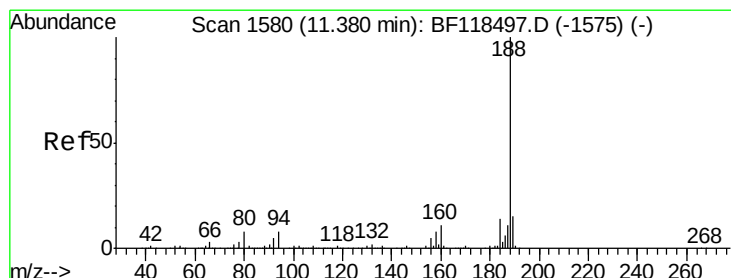
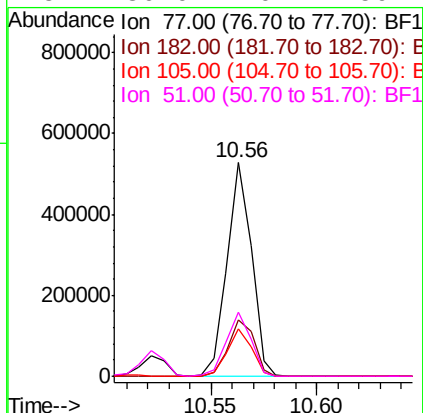
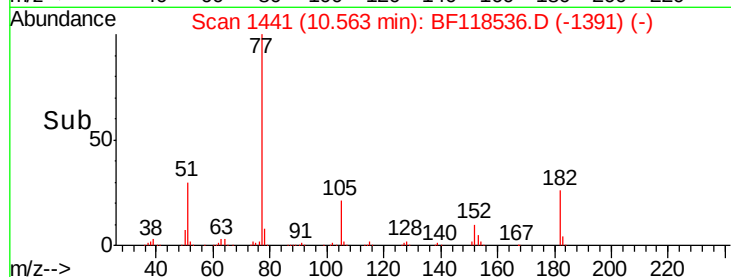
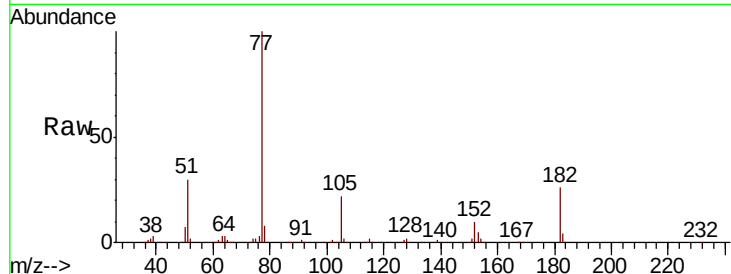
#63
Azobenzene
Concen: 42.478 ng
RT: 10.56 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.2	6.5	46.5
105	21.9	1.4	41.4
51	30.0	10.1	50.1

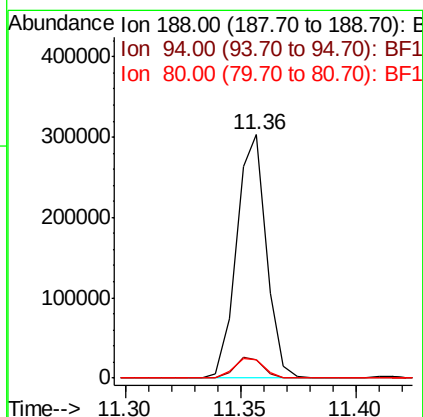
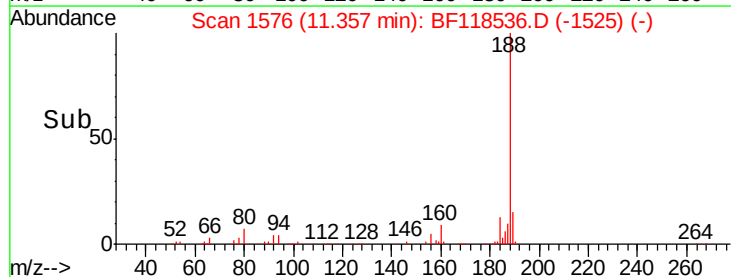
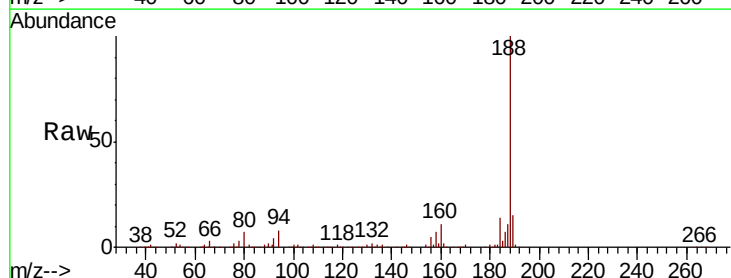
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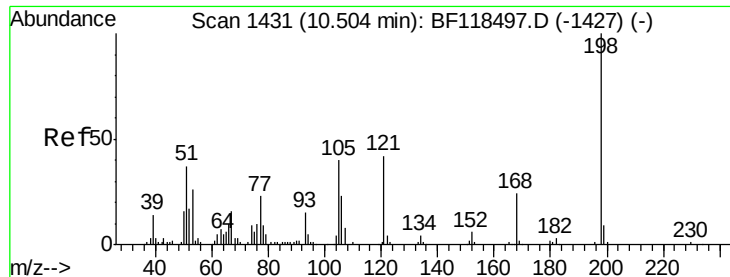
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.3	9.5
80	7.5	6.8	10.2





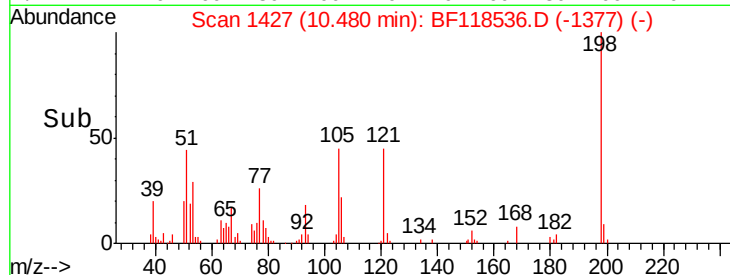
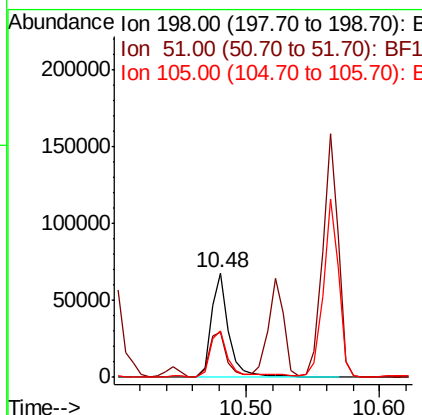
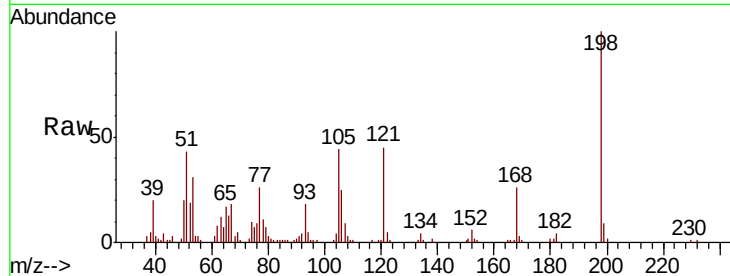
#65
4,6-Dinitro-2-methylphenol
Concen: 43.653 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	43.0	21.9	61.9
105	44.1	23.9	63.9

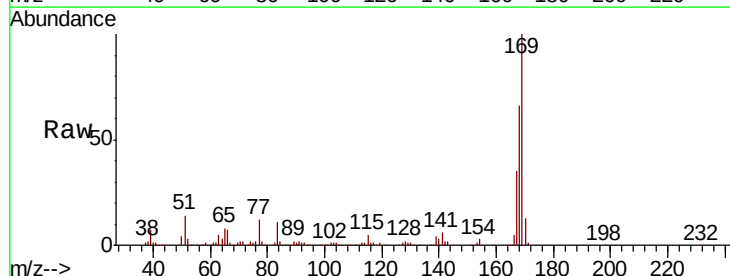
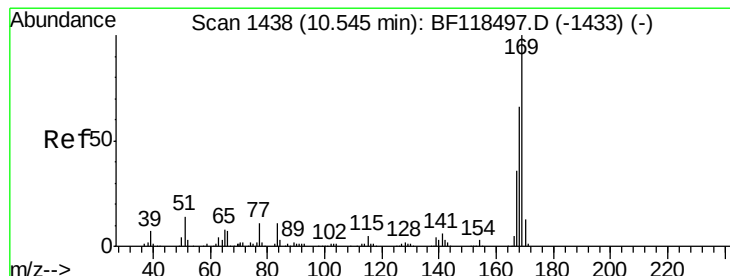
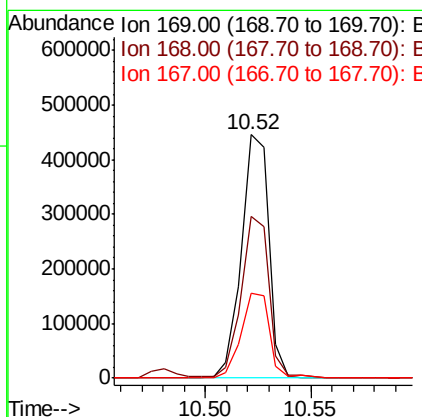
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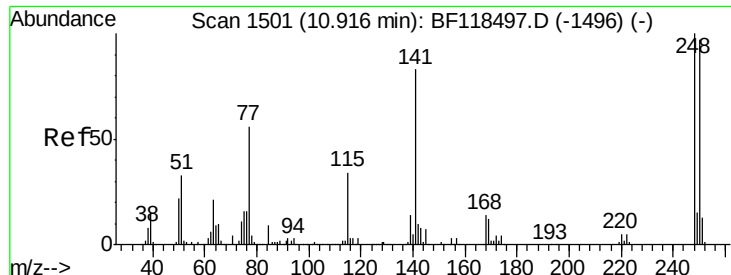
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#66
n-Nitrosodiphenylamine
Concen: 45.370 ng
RT: 10.52 min Scan# 1434
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.2	53.2	79.8
167	34.7	28.3	42.5





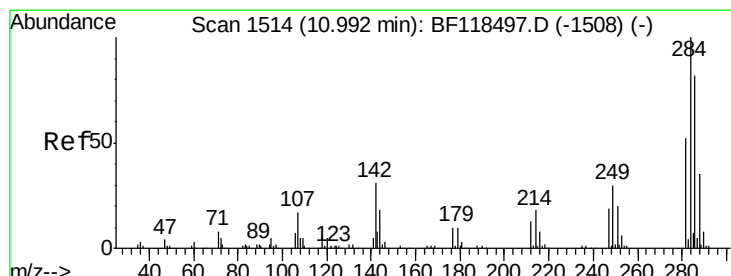
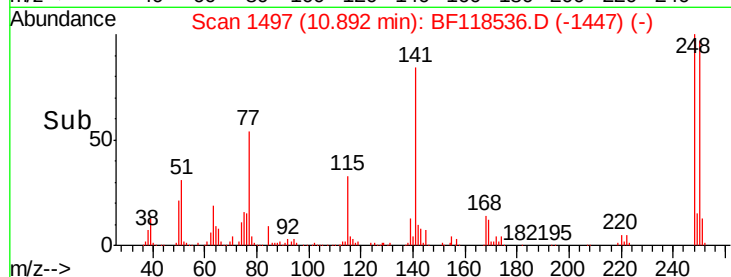
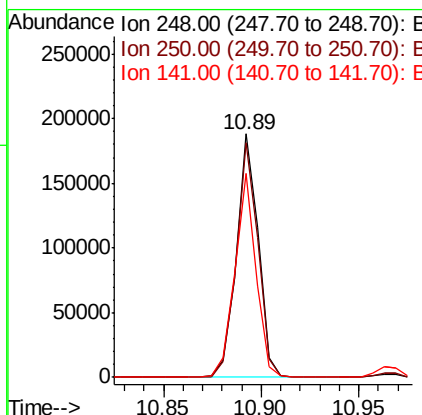
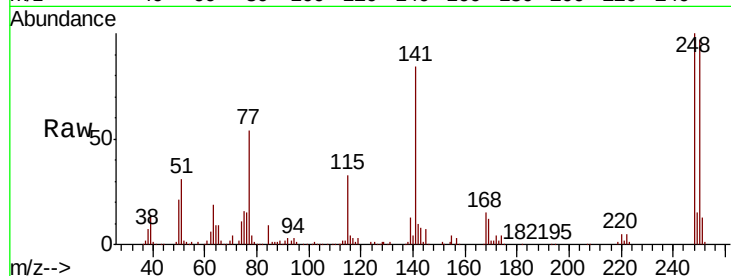
#67
 4-Bromophenyl-phenylether
 Concen: 45.770 ng
 RT: 10.89 min Scan# 1497
 Delta R.T. -0.01 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	78.3	117.5
141	83.5	63.1	94.7

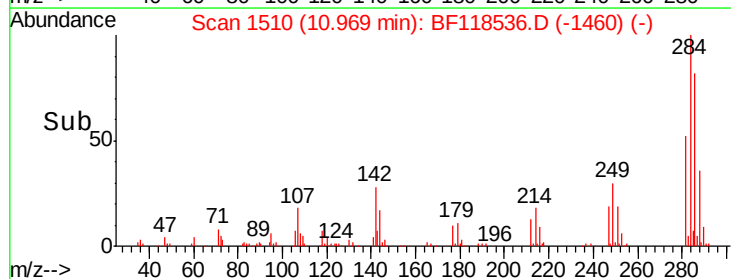
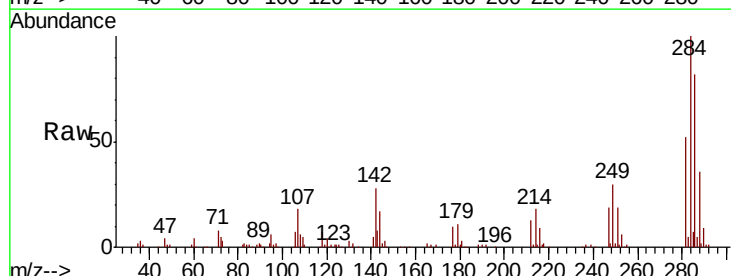
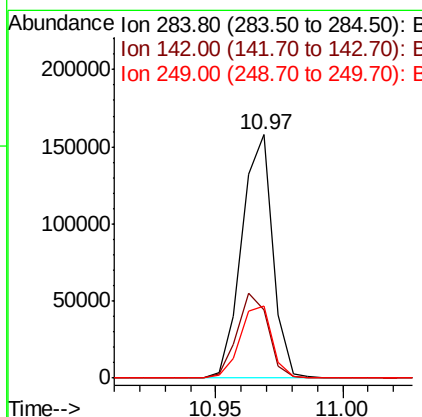
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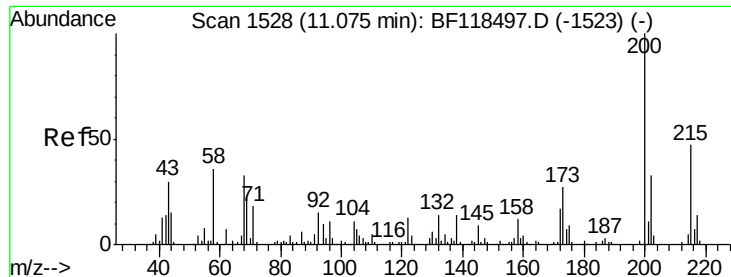
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#68
 Hexachlorobenzene
 Concen: 35.233 ng
 RT: 10.97 min Scan# 1510
 Delta R.T. -0.01 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.1	21.0	31.6
249	29.8	22.2	33.4





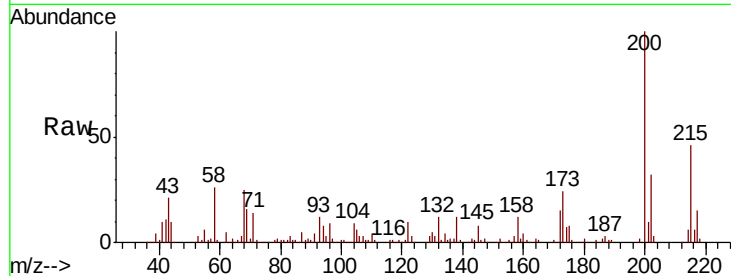
#69
Atrazine
Concen: 46.869 ng
RT: 11.06 min Scan# 1525
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

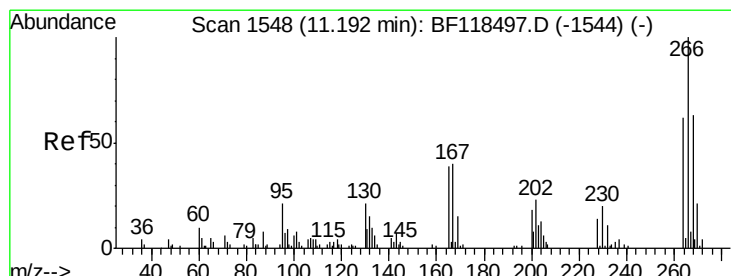
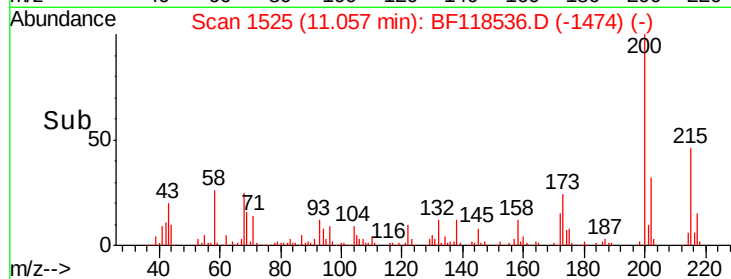
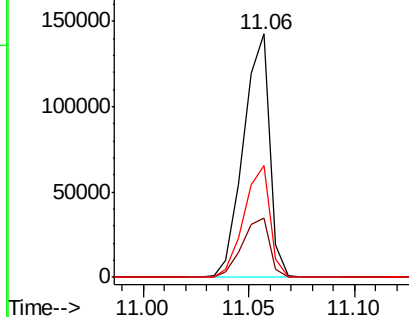
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	24.2	5.5	45.5
215	45.8	26.5	66.5

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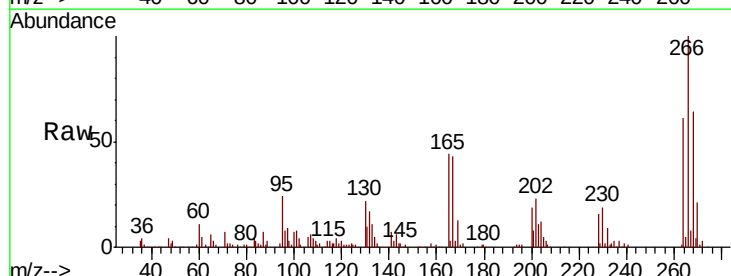


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

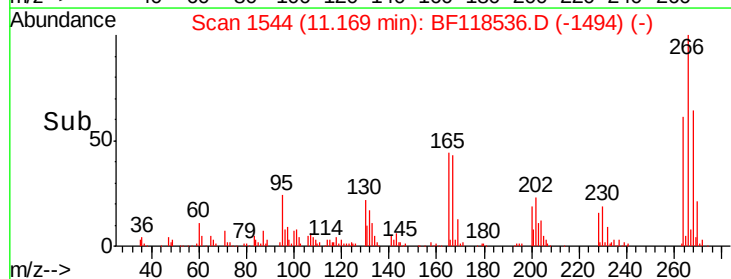
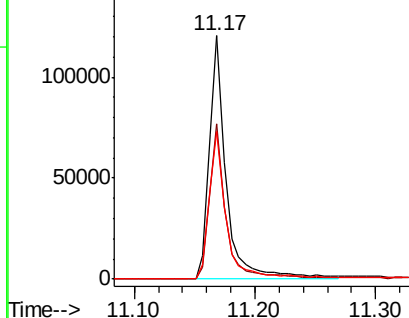


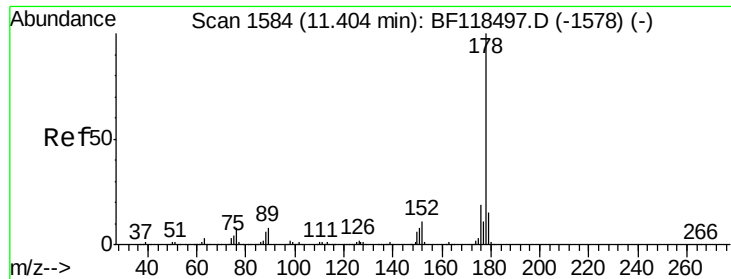
#70
Pentachlorophenol
Concen: 94.160 ng
RT: 11.17 min Scan# 1544
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	51.0	76.6
264	60.5	49.6	74.4



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





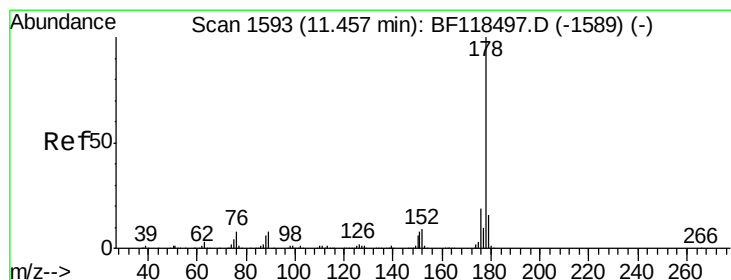
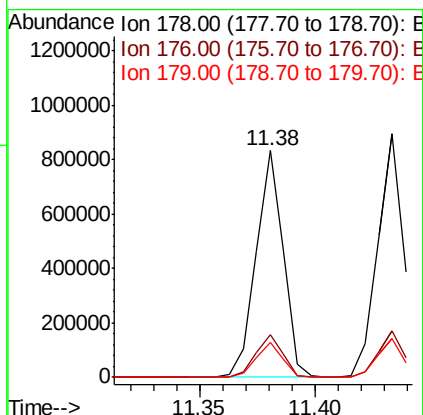
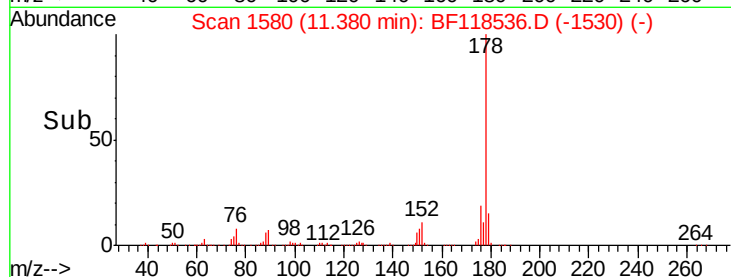
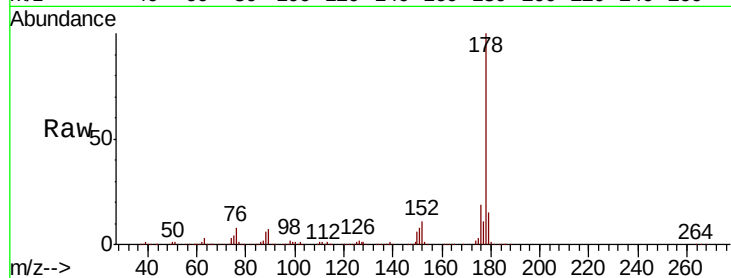
#71
Phenanthrene
Concen: 45.095 ng
RT: 11.38 min Scan# 1580
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.3	22.9
179	15.2	12.2	18.2

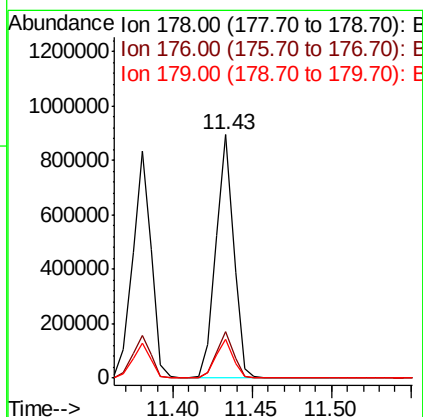
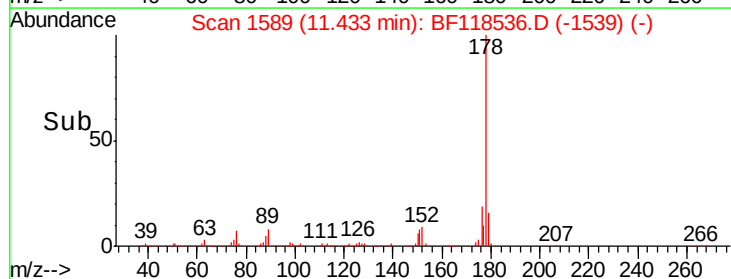
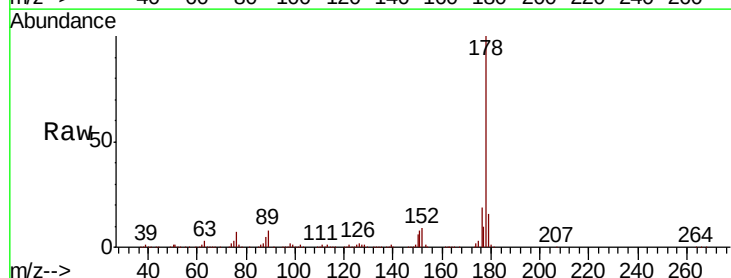
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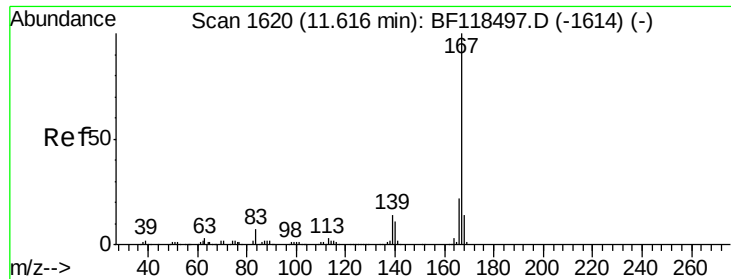
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#72
Anthracene
Concen: 46.277 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	15.8	12.4	18.6





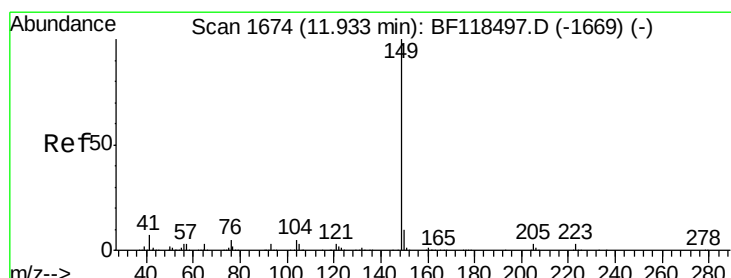
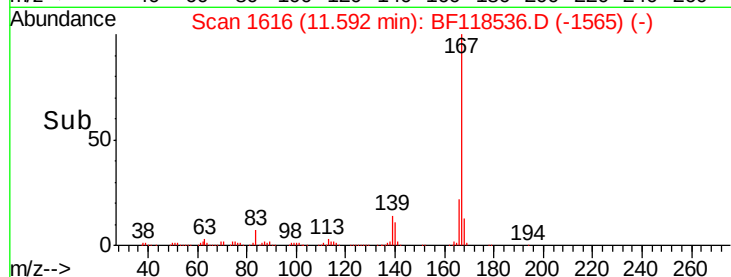
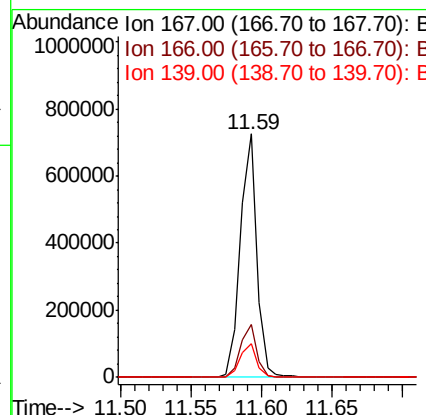
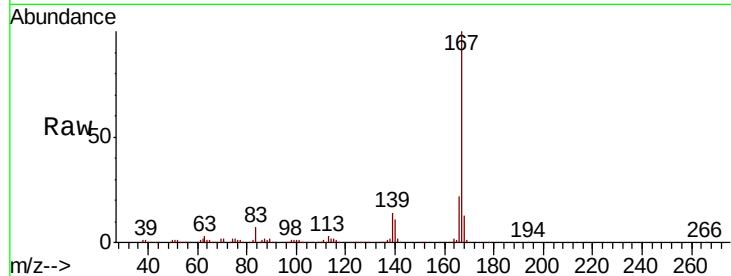
#73
 Carbazole
 Concen: 45.390 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	17.5	26.3
139	13.6	11.5	17.3

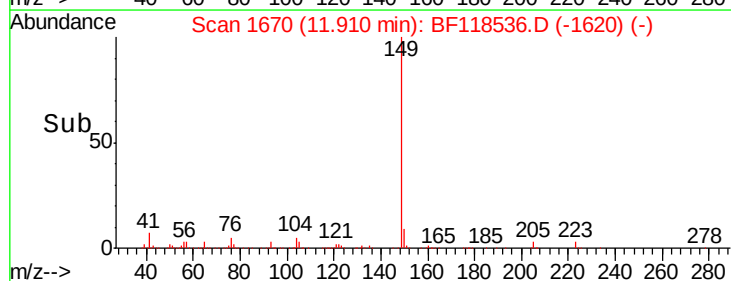
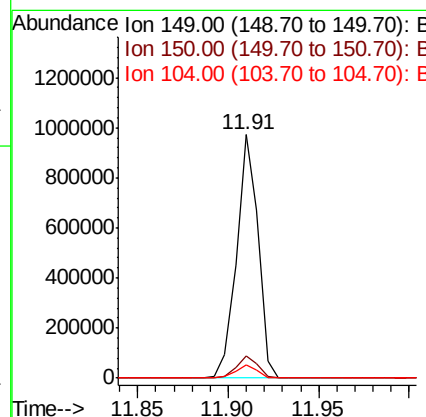
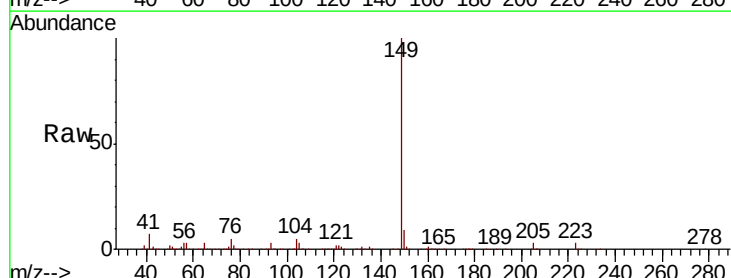
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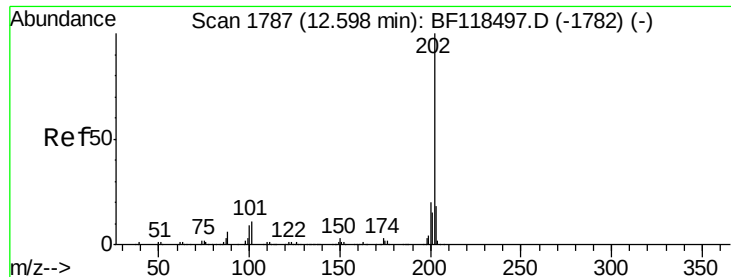
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#74
 Di-n-butylphthalate
 Concen: 45.796 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.3	10.9
104	5.4	4.1	6.1





#75

Fluoranthene

Concen: 37.916 ng

RT: 12.57 min Scan# 1783

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

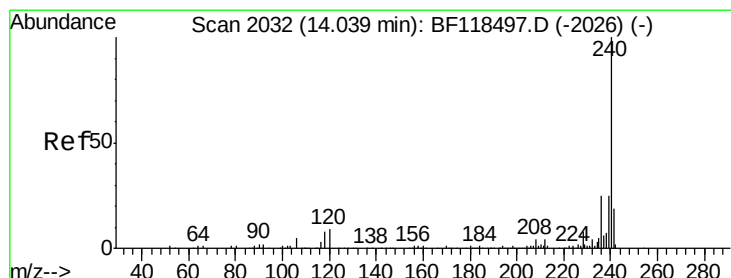
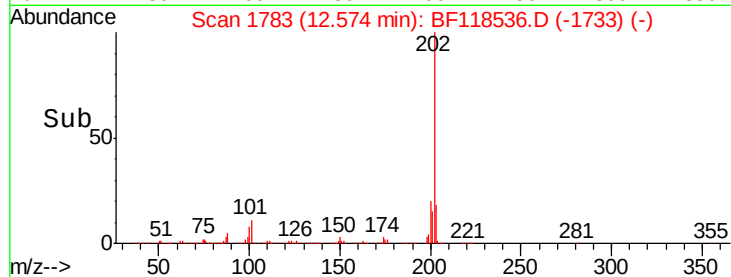
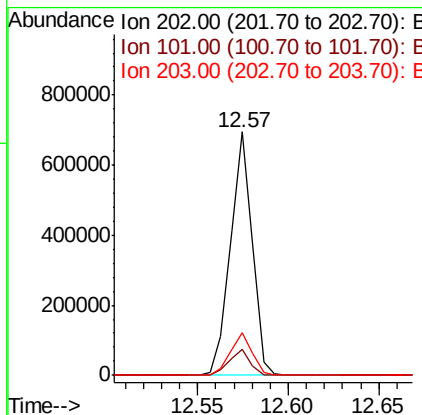
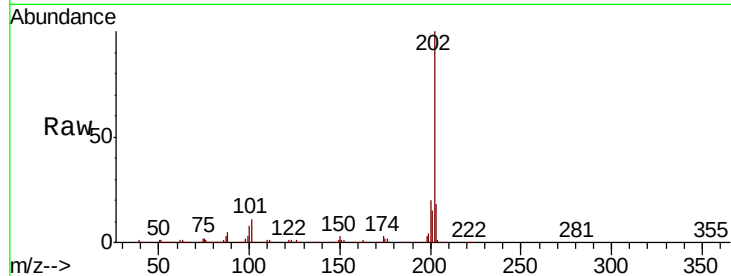
ClientSampleId :

CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.8	0.0	29.7
203	17.7	0.0	37.2

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#76

Chrysene-d12

Concen: 20.000 ng

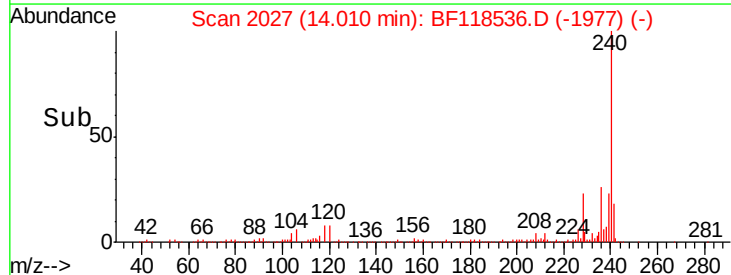
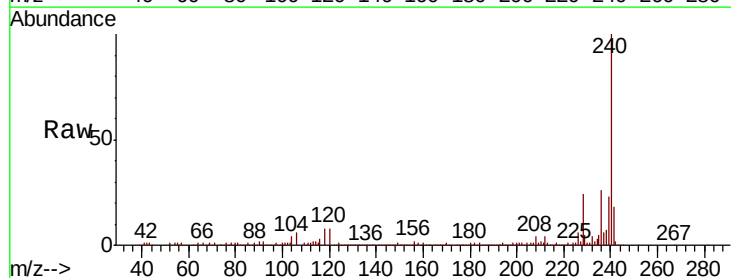
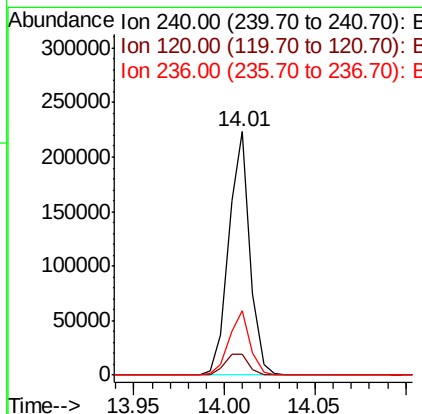
RT: 14.01 min Scan# 2027

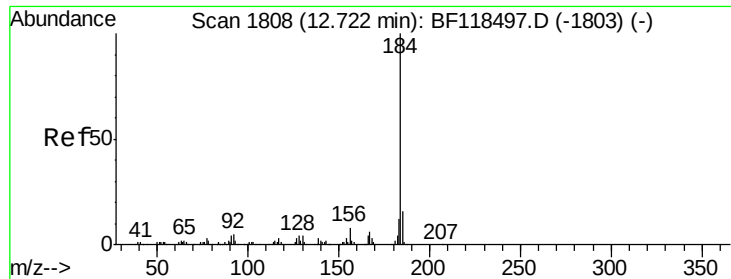
Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.4	6.9	10.3
236	26.2	20.6	30.8





#77

Benzidine

Concen: 62.369 ng

RT: 12.70 min Scan# 1804

Delta R.T. 0.00 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

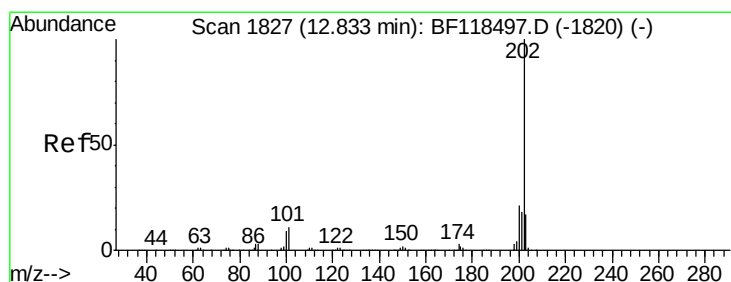
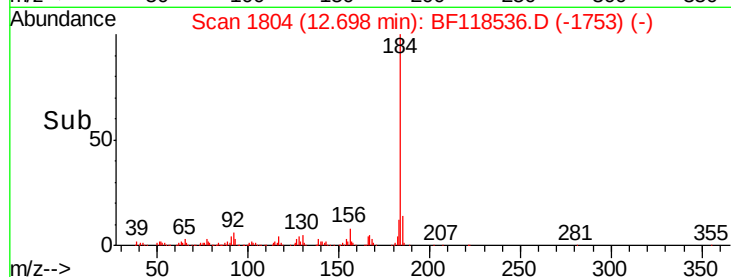
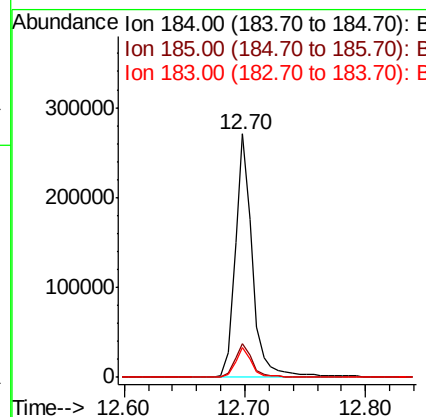
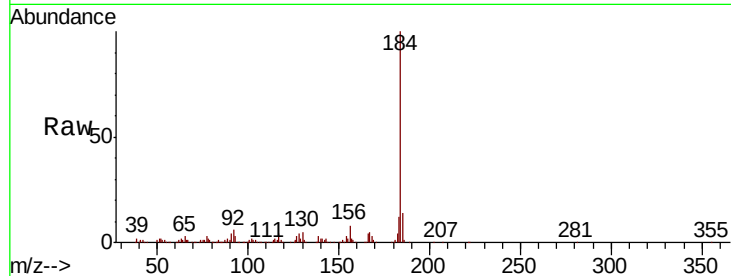
ClientSampleId :

CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.8	12.7	19.1
183	12.1	9.4	14.0

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#78

Pyrene

Concen: 41.986 ng

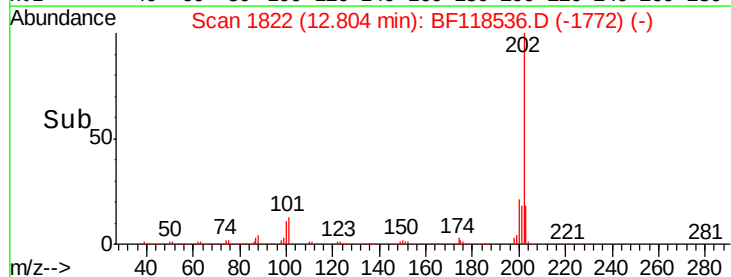
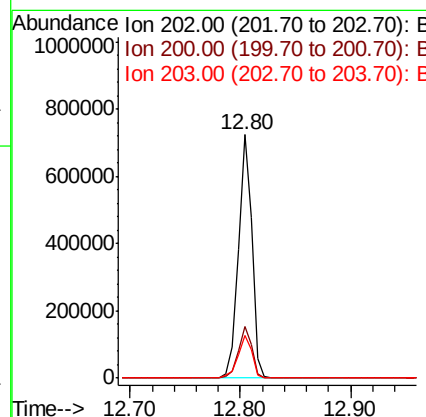
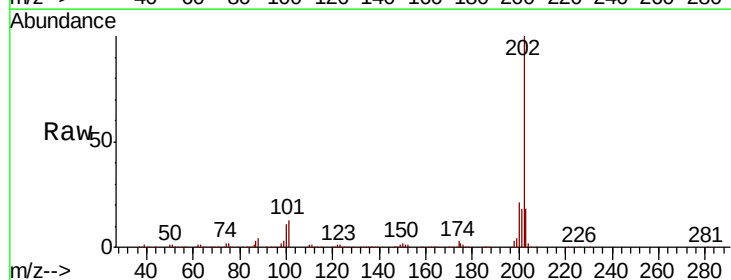
RT: 12.80 min Scan# 1822

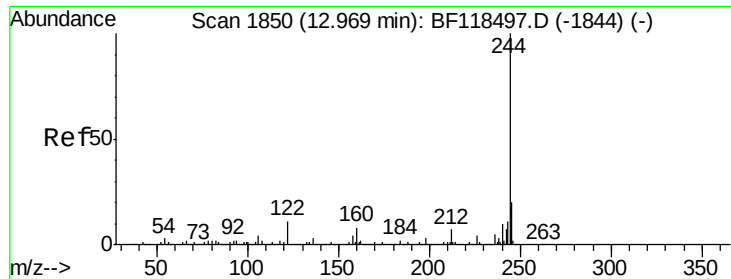
Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	17.0	25.4
203	17.7	13.8	20.8





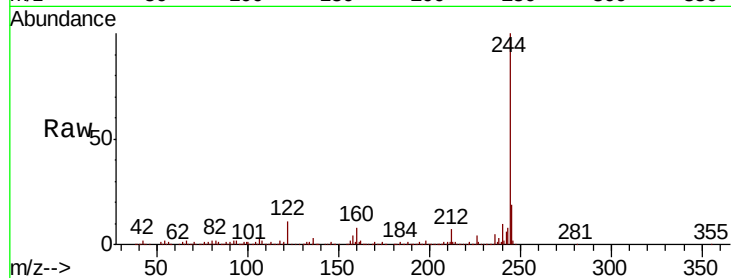
#79
 Terphenyl-d14
 Concen: 49.793 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Instrument :
 BNA_F
 ClientSampleId :
 CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.5	9.5	14.3

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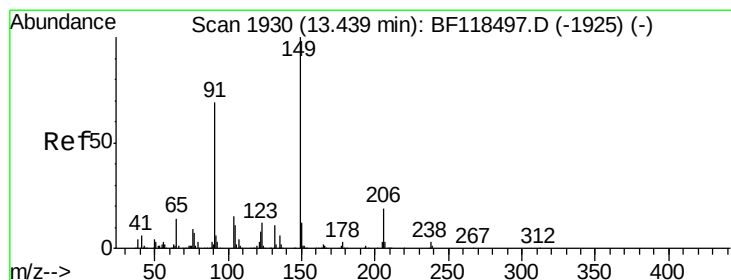
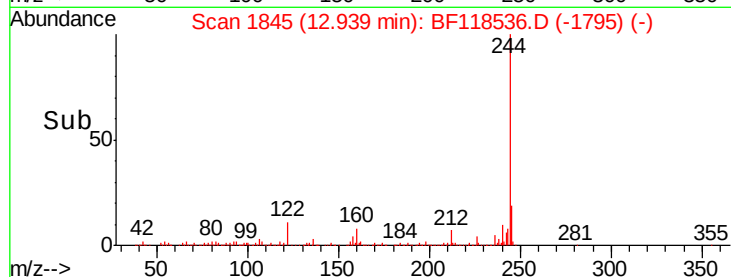
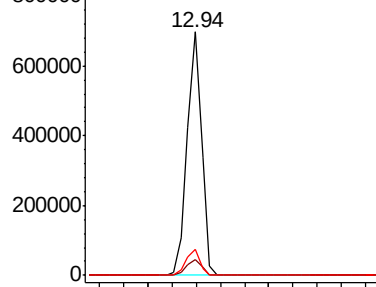


Abundance

Ion 244.00 (243.70 to 244.70): E

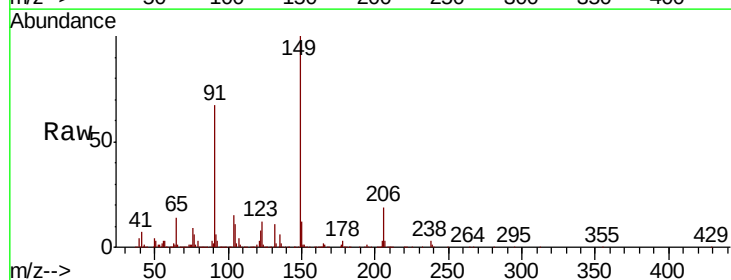
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80
 Butylbenzylphthalate
 Concen: 81.926 ng
 RT: 13.42 min Scan# 1926
 Delta R.T. 0.00 min
 Lab File: BF118536.D
 Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.9	55.5	83.3
206	19.2	15.1	22.7

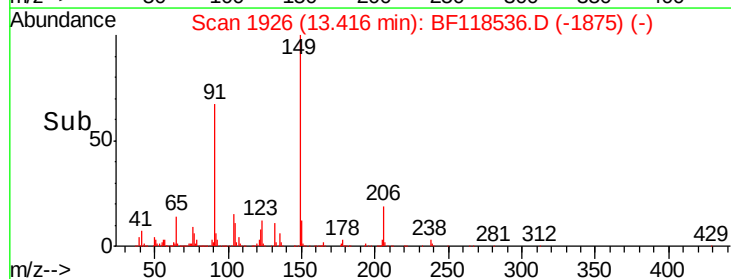
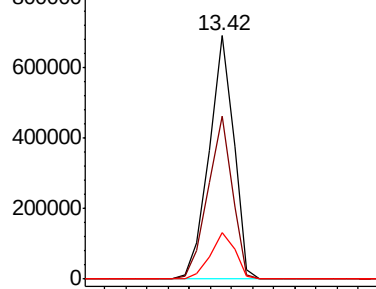


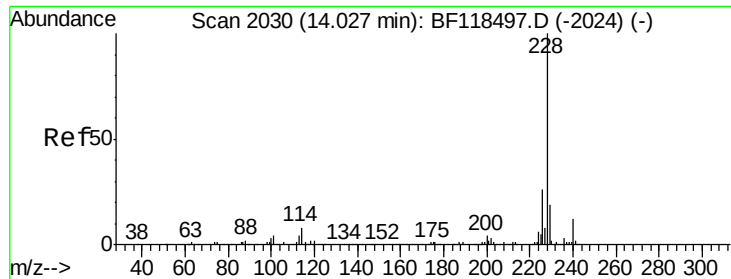
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.763 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Instrument :

BNA_F

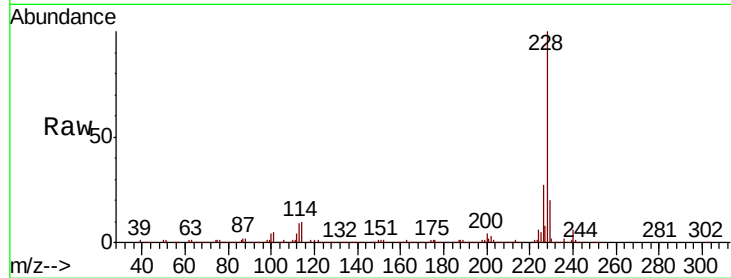
ClientSampleId :

CIY1-SB-01-0-52MSD

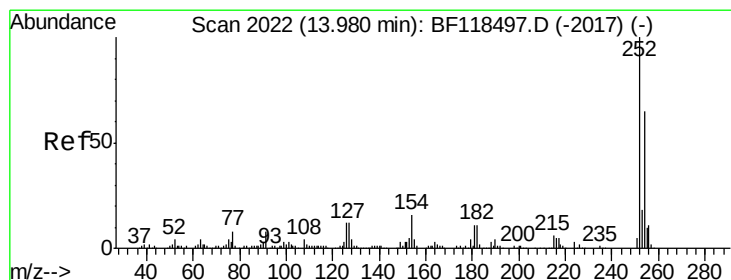
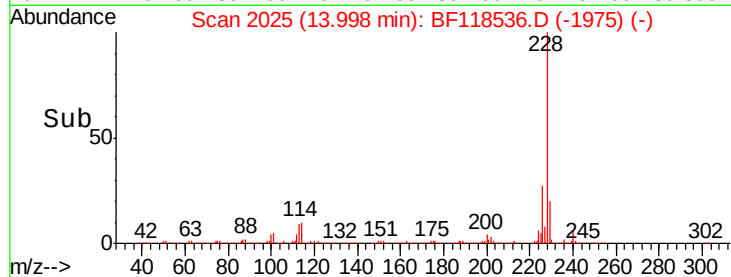
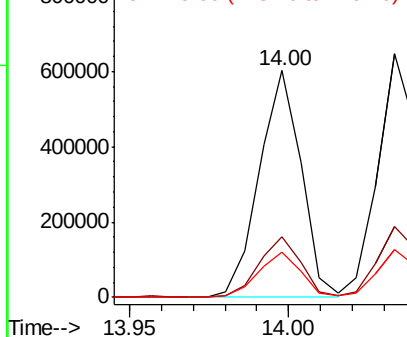
Tot Ion:	228	Resp:	552968
Ion Ratio	Lower	Upper	
228	100		
226	26.8	21.4	32.0
229	19.7	16.1	24.1

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 37.626 ng

RT: 13.96 min Scan# 2018

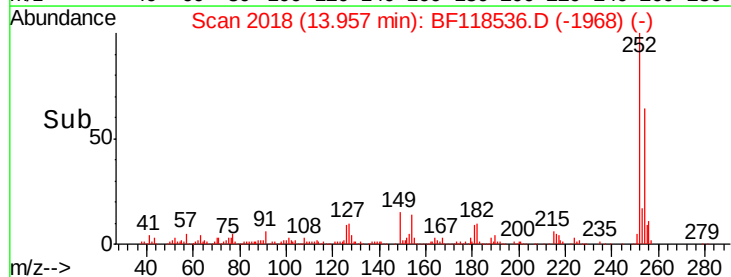
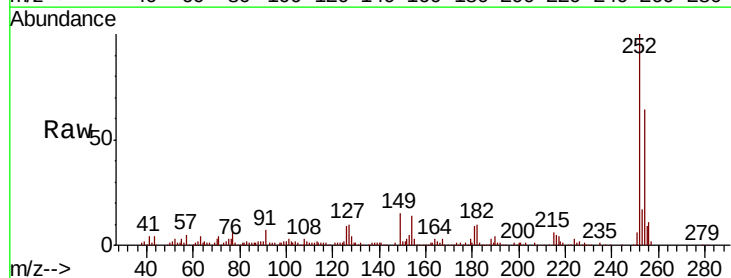
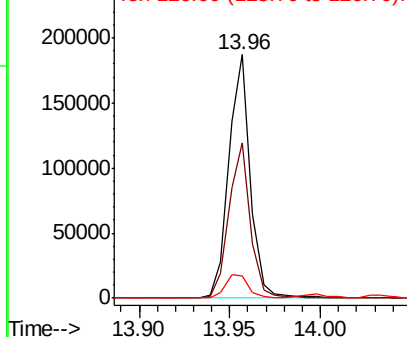
Delta R.T. -0.01 min

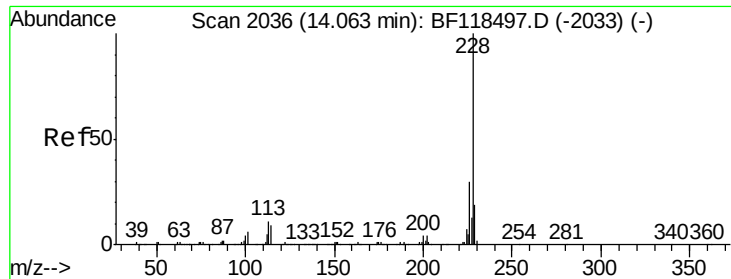
Lab File: BF118536.D

Acq: 13 Jan 2020 17:48

Tgt Ion:	252	Resp:	154602
Ion Ratio	Lower	Upper	
252	100		
254	64.0	51.7	77.5
126	9.2	7.7	11.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





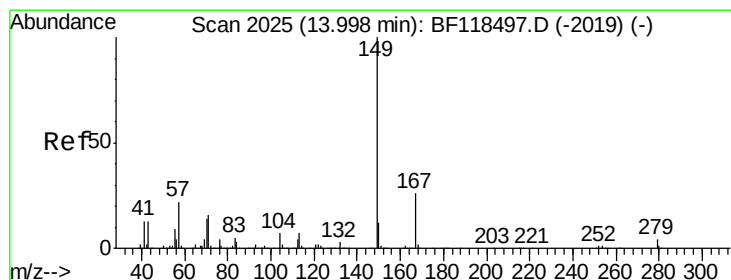
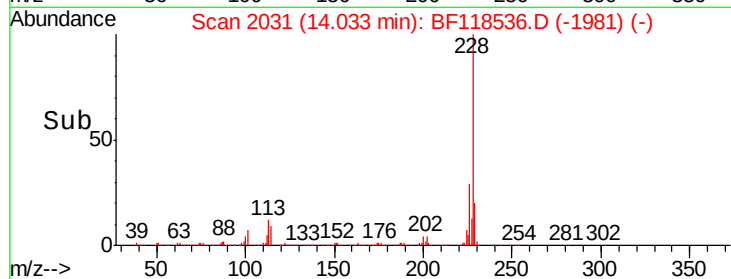
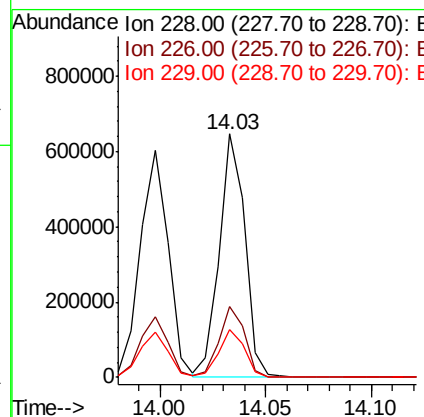
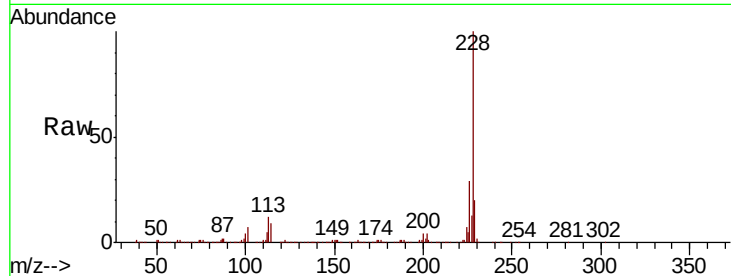
#83
Chrysene
Concen: 44.441 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	19.7	16.2	24.2

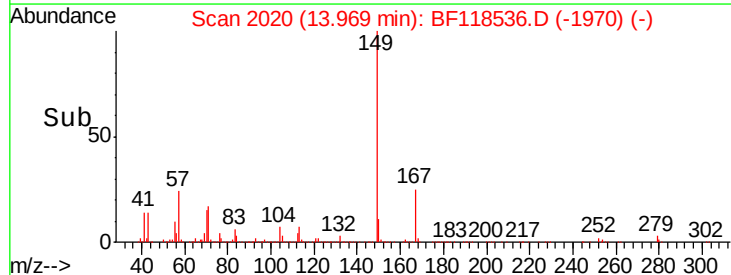
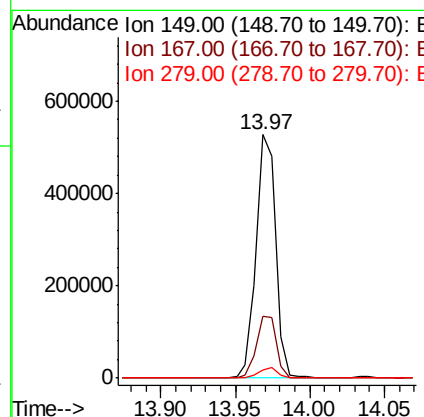
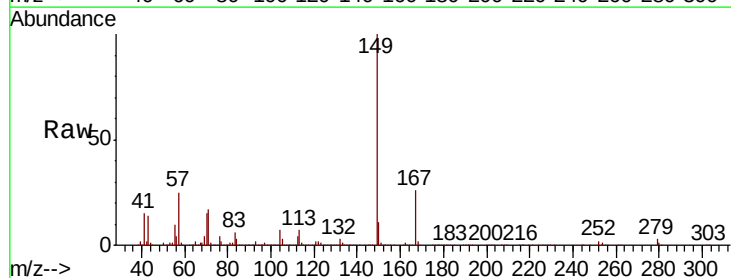
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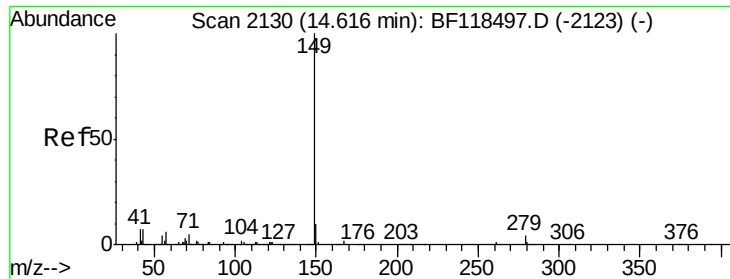
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#84
Bis(2-ethylhexyl)phthalate
Concen: 51.581 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.1	31.7
279	3.4	3.4	5.0





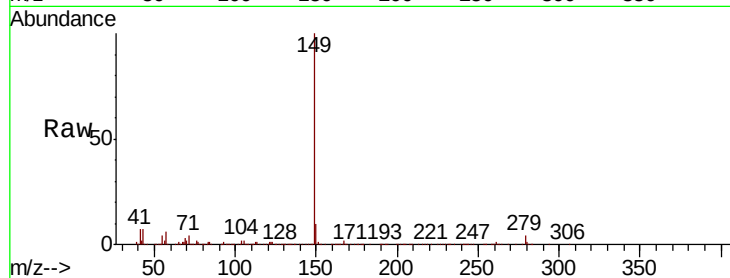
#85
Di-n-octyl phthalate
Concen: 53.593 ng
RT: 14.59 min Scan# 2125
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.1	1.7
43	7.4	6.7	10.1

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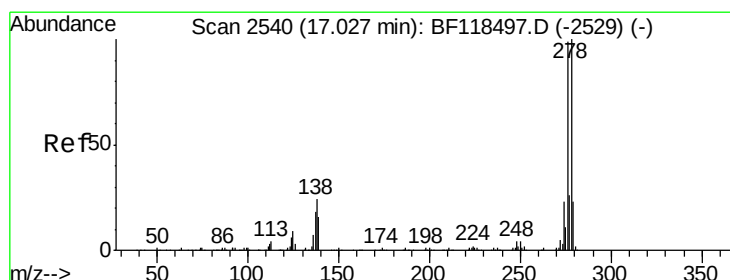
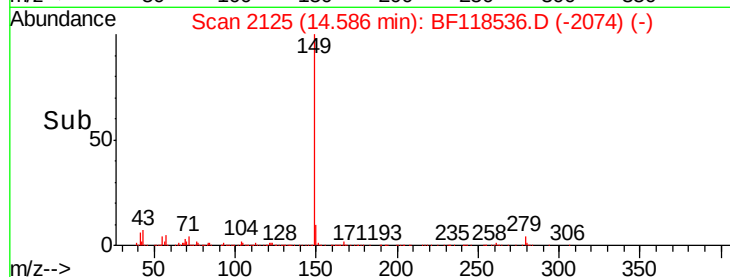
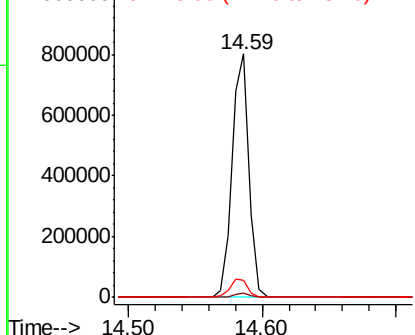


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 69.065 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

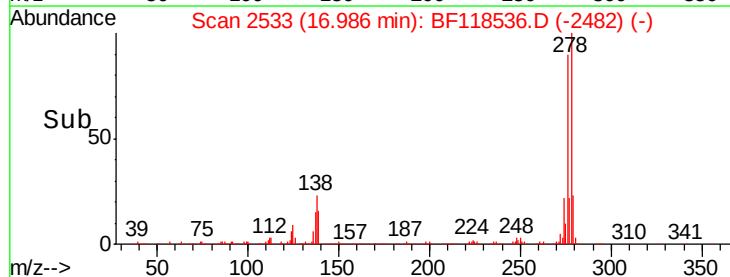
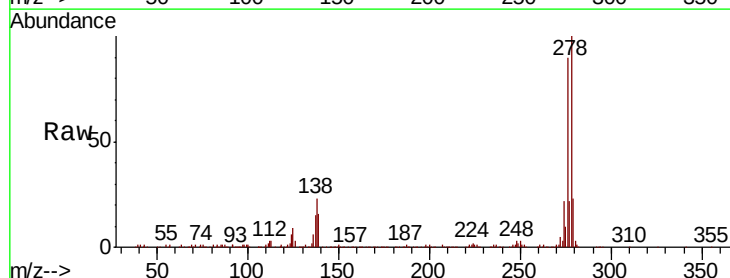
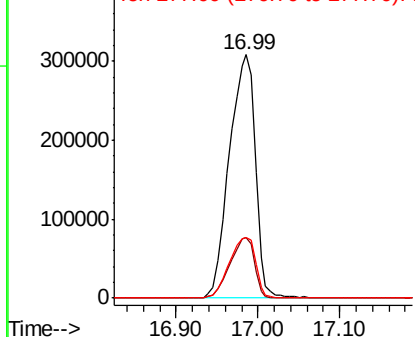
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.2	28.8
277	25.6	20.4	30.6

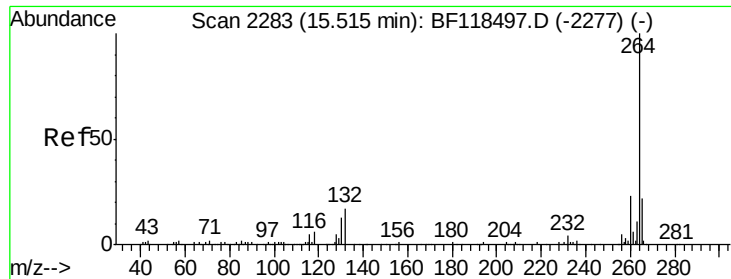
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





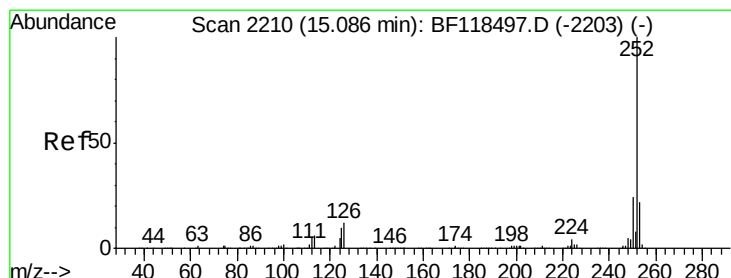
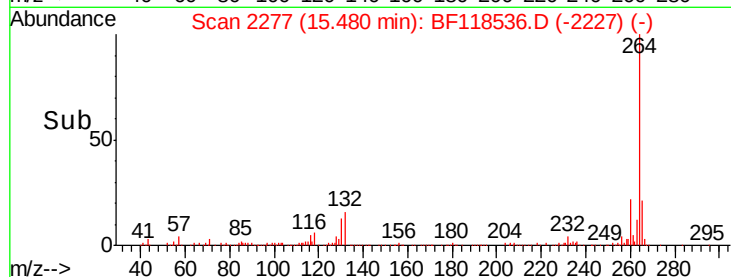
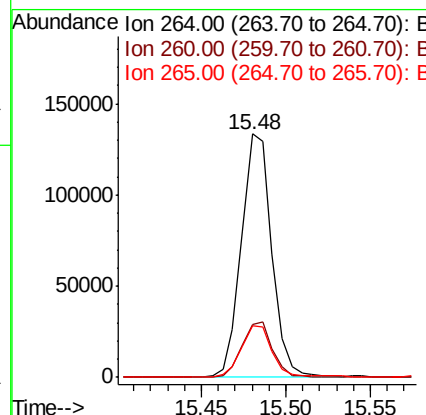
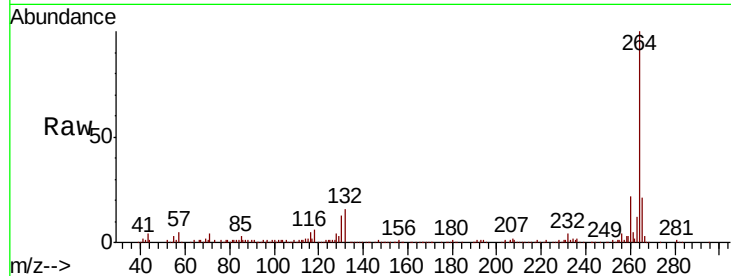
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.7	18.7	28.1
265	21.1	17.6	26.4

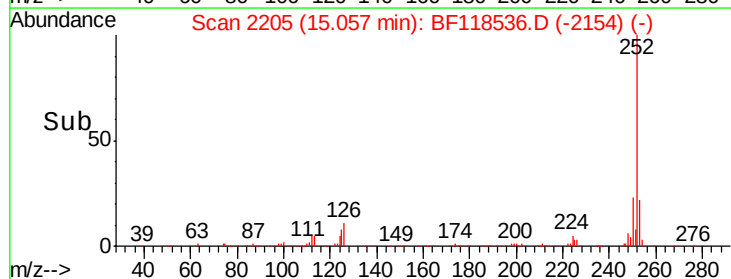
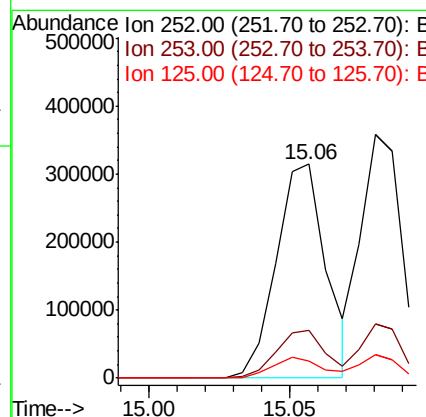
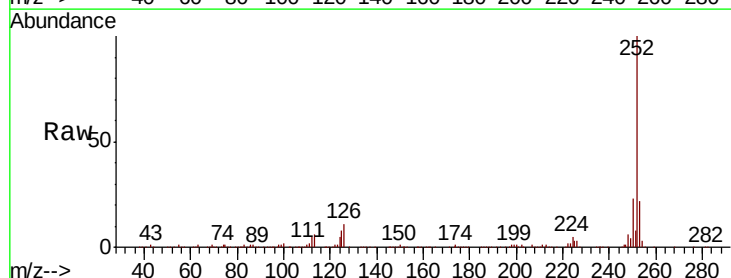
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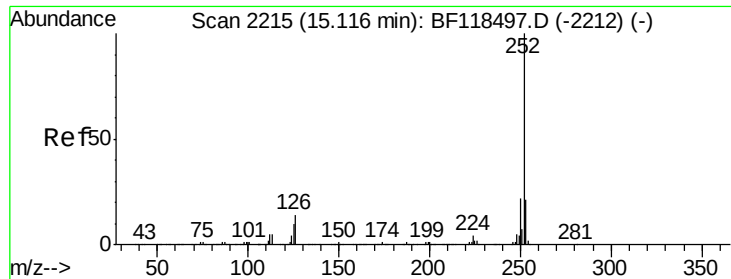
mohammad
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#88
Benzo(b)fluoranthene
Concen: 31.670 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.2
125	8.2	7.4	11.0





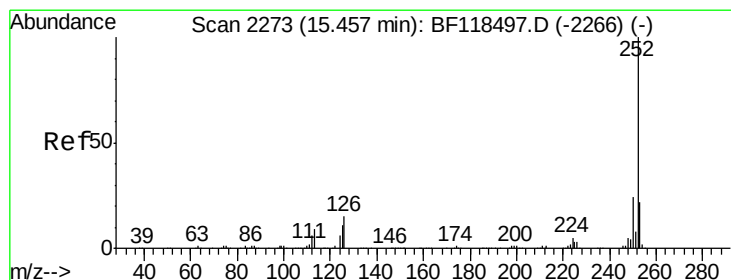
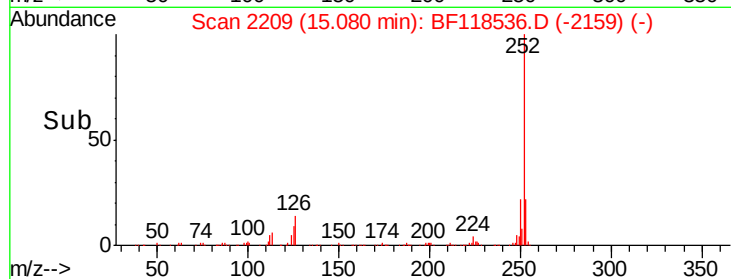
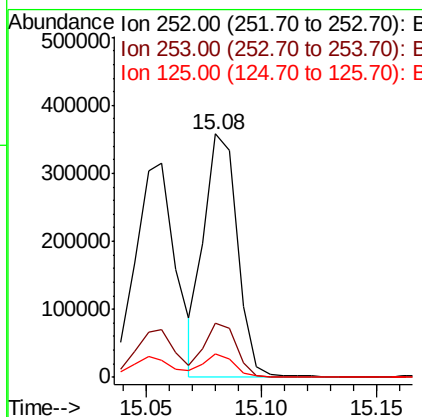
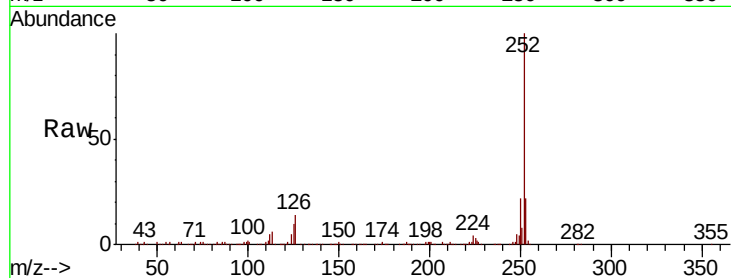
#89
Benzo(k)fluoranthene
Concen: 30.848 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	9.6	8.1	12.1

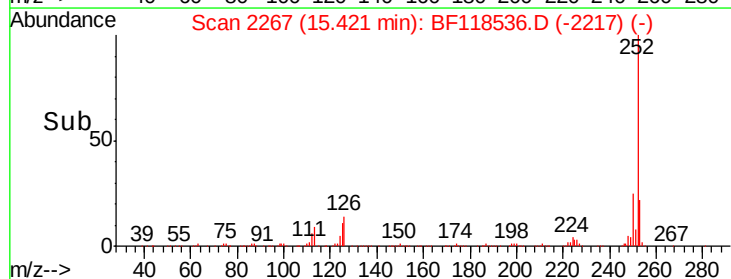
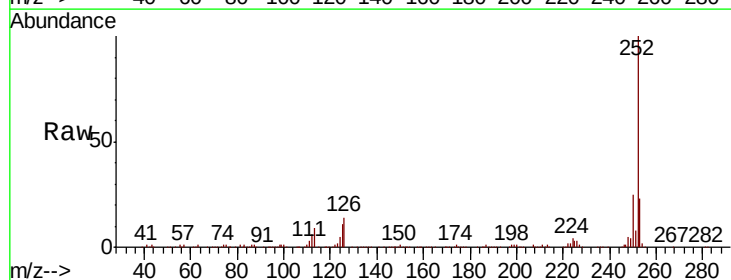
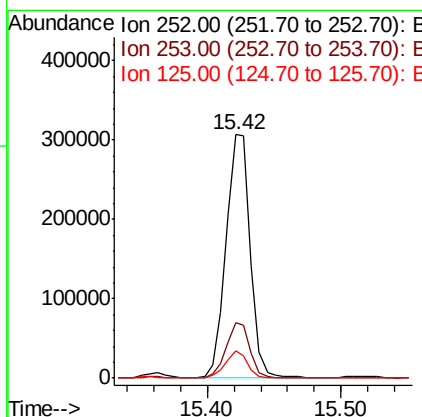
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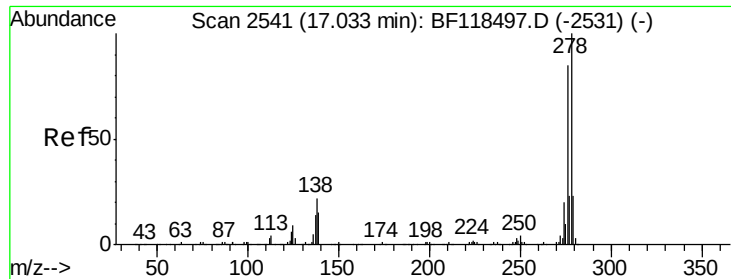
mohammad
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#90
Benzo(a)pyrene
Concen: 39.359 ng
RT: 15.42 min Scan# 2267
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.7	26.5
125	11.1	8.7	13.1





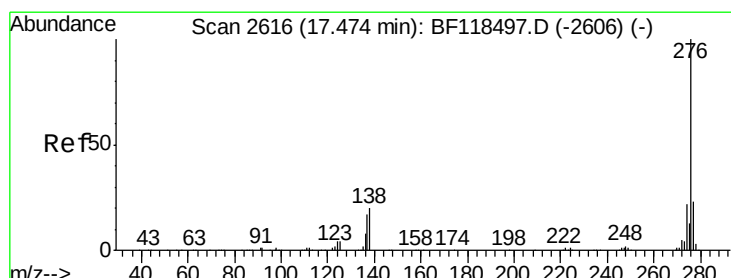
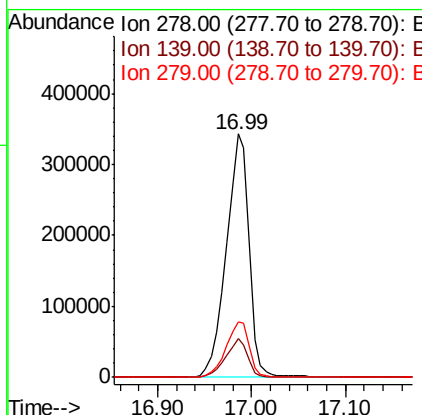
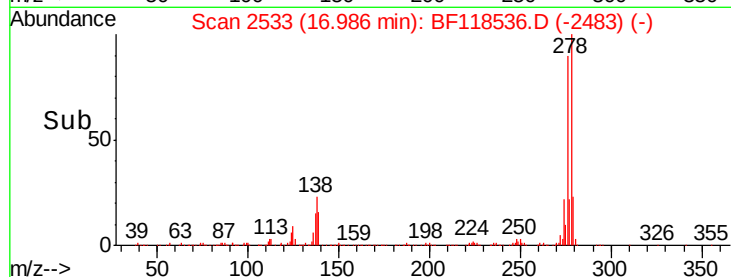
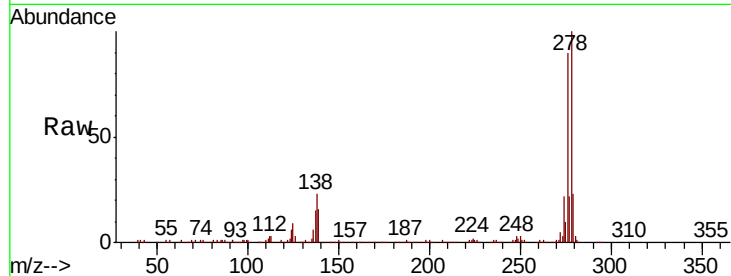
#91
Dibenzo(a,h)anthracene
Concen: 61.742 ng
RT: 16.99 min Scan# 2533
Delta R.T. -0.01 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Instrument :
BNA_F
ClientSampleId :
CIY1-SB-01-0-52MSD

Tot Ion	Ion	Ratio	Lower	Upper
278	100			
139	15.7	12.6	19.0	
279	22.7	18.9	28.3	

Manual Integrations
APPROVED

mohammad
1/14/2020 2:31:39 PM



#92
Benzo(g,h,i)perylene
Concen: 63.583 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.00 min
Lab File: BF118536.D
Acq: 13 Jan 2020 17:48

Tgt Ion	Ion	Ratio	Lower	Upper
276	100			
277	23.4	18.8	28.2	
138	18.9	14.7	22.1	

