

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102519\
 Data File : BF117536.D
 Acq On : 25 Oct 2019 15:19
 Operator : JU
 Sample : K5500-03MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Manual Integrations
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mohammad
 10/30/2019 4:50:44 PM

Quant Time: Oct 26 01:13:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	41453	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	159297	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	81332	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	122366	20.00	ng	0.00
76) Chrysene-d12	13.89	240	70113	20.00	ng	0.00
87) Perylene-d12	15.33	264	80871	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	299956	107.65	ng	0.00
7) Phenol-d6	6.39	99	411826	110.04	ng	0.00
23) Nitrobenzene-d5	7.30	82	258593	80.14	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	75946	107.92	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	410874	71.18	ng	0.00
79) Terphenyl-d14	12.83	244	301258	70.08	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.45	88	42024	35.872	ng	# 96
3) Pyridine	3.18	79	98565	34.369	ng	95
4) n-Nitrosodimethylamine	3.12	42	41157	39.559	ng	99
6) Aniline	6.40	93	89950	20.473	ng	# 1
8) 2-Chlorophenol	6.52	128	123709	42.075	ng	98
9) Benzaldehyde	6.28	77	73042	40.227	ng	97
10) Phenol	6.40	94	164413	43.044	ng	80
11) bis(2-Chloroethyl)ether	6.47	93	119434	42.274	ng	98
12) 1,3-Dichlorobenzene	6.67	146	129688	39.526	ng	99
13) 1,4-Dichlorobenzene	6.75	146	128492	38.603	ng	96
14) 1,2-Dichlorobenzene	6.90	146	122764	39.128	ng	99
15) Benzyl Alcohol	6.88	79	111880	41.844	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	119081	39.072	ng	# 35
17) 2-Methylphenol	7.00	107	105023	43.421	ng	91
18) Hexachloroethane	7.23	117	49509	38.108	ng	93
19) n-Nitroso-di-n-propylamine	7.15	70	94511	41.351	ng	98
20) 3+4-Methylphenols	7.16	107	135823	42.830	ng	# 66
22) Acetophenone	7.15	105	183307	43.336	ng	94
24) Nitrobenzene	7.32	77	141632	45.827	ng	98
25) Isophorone	7.56	82	257247	46.085	ng	99
26) 2-Nitrophenol	7.63	139	64854	47.050	ng	98
27) 2,4-Dimethylphenol	7.68	122	109830	53.316	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	150334	43.646	ng	99
29) 2,4-Dichlorophenol	7.89	162	99934	46.251	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	99328	42.838	ng	95
31) Naphthalene	8.03	128	359202	45.493	ng	99
32) Benzoic acid	7.83	122	51226	36.306	ng	97
33) 4-Chloroaniline	8.10	127	53568	16.075	ng	98
34) Hexachlorobutadiene	8.15	225	55942	41.684	ng	99
35) Caprolactam	8.46	113	32924m	47.434	ng	
36) 4-Chloro-3-methylphenol	8.59	107	114433	46.439	ng	99
37) 2-Methylnaphthalene	8.72	142	245435	46.131	ng	100
38) 1-Methylnaphthalene	8.82	142	227103	45.425	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	90725	41.416	ng	98

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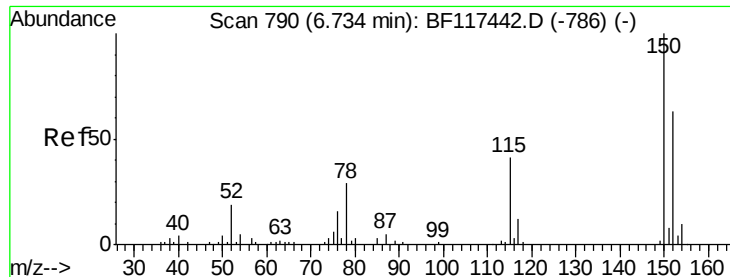
Manual Integrations
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 10/30/2019 4:50:44 PM

Quant Time: Oct 26 01:13:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	20242	45.073	nq	96
43) 2,4,6-Trichlorophenol	9.01	196	63323	46.160	nq	99
44) 2,4,5-Trichlorophenol	9.06	196	63629	45.774	nq	96
46) 1,1'-Biphenyl	9.19	154	286779	42.592	nq	100
47) 2-Chloronaphthalene	9.21	162	215354	42.420	nq	99
48) 2-Nitroaniline	9.32	65	71264	42.761	nq	89
49) Acenaphthylene	9.63	152	343084	46.009	nq	99
50) Dimethylphthalate	9.49	163	308847	53.267	nq	99
51) 2,6-Dinitrotoluene	9.56	165	55513	45.882	nq #	83
52) Acenaphthene	9.80	154	201413	44.025	nq	98
53) 3-Nitroaniline	9.73	138	29255	19.928	nq	93
54) 2,4-Dinitrophenol	9.86	184	24204	50.137	nq	95
55) Dibenzofuran	9.97	168	302205	45.593	nq	99
56) 4-Nitrophenol	9.92	139	51976	77.075	nq	98
57) 2,4-Dinitrotoluene	9.97	165	72455	45.042	nq	88
58) Fluorene	10.32	166	243390	44.404	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	46399	42.469	nq #	94
60) Diethylphthalate	10.19	149	258938	44.153	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	107953	43.898	nq	88
62) 4-Nitroaniline	10.35	138	48895	35.336	nq	96
63) Azobenzene	10.46	77	271302	45.191	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	22005	35.370	nq	96
66) n-Nitrosodiphenylamine	10.42	169	213417	47.708	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	59890	45.439	nq #	86
68) Hexachlorobenzene	10.87	284	60899	43.144	nq #	87
69) Atrazine	10.95	200	62257	54.700	nq	94
70) Pentachlorophenol	11.07	266	35013	82.744	nq	97
71) Phenanthrene	11.27	178	329819	46.418	nq	99
72) Anthracene	11.33	178	337539	46.298	nq	99
73) Carbazole	11.49	167	291261	43.716	nq	99
74) Di-n-butylphthalate	11.80	149	406512	45.663	nq	99
75) Fluoranthene	12.46	202	307438	43.222	nq	99
77) Benzidine	12.59	184	121455	Below	Cal	98
78) Pyrene	12.69	202	303662	50.423	nq	99
80) Butylbenzylphthalate	13.30	149	140920	47.023	nq	99
81) Benzo(a)anthracene	13.88	228	222348	47.014	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	54877	36.978	nq #	95
83) Chrysene	13.92	228	212844	45.920	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	201532	48.007	nq #	94
85) Di-n-octyl phthalate	14.47	149	325373	50.411	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	224541	64.885	nq	99
88) Benzo(b)fluoranthene	14.92	252	202855	42.478	nq	98
89) Benzo(k)fluoranthene	14.94	252	207883	42.472	nq	99
90) Benzo(a)pyrene	15.27	252	193034	44.458	nq	97
91) Dibenzo(a,h)anthracene	16.74	278	187386	49.911	nq #	95
92) Benzo(g,h,i)perylene	17.16	276	182270	51.311	nq	98

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



#1

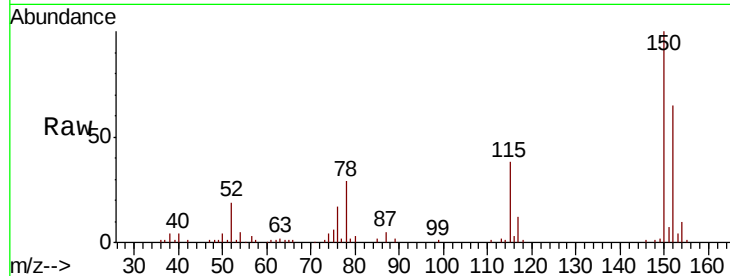
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	126.8	190.2
115	59.0	51.6	77.4

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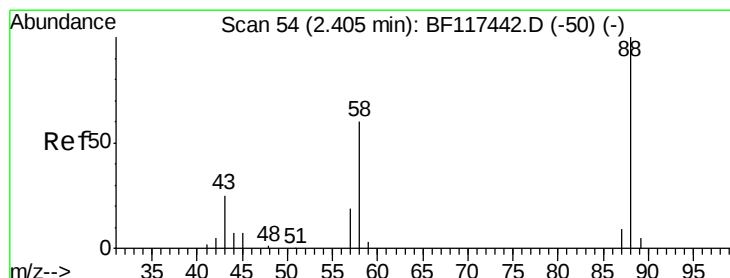
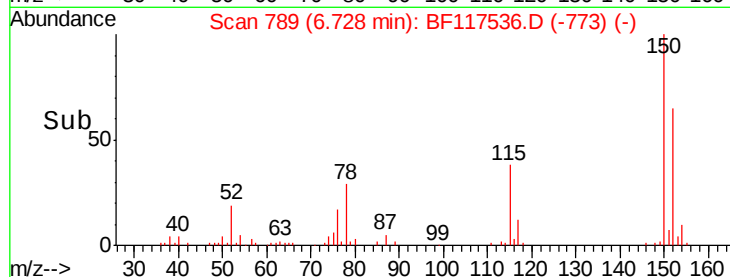
Abundance

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

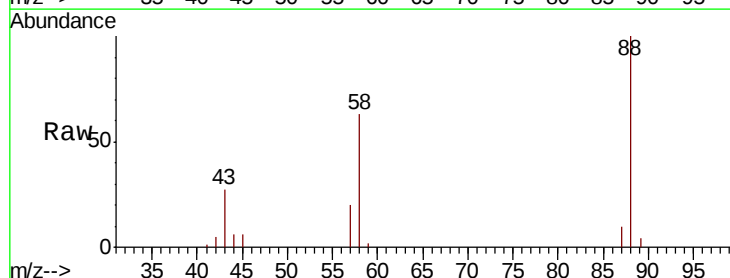
Time-->



#2

1,4-Dioxane
Concen: 35.872 ng
RT: 2.45 min Scan# 62
Delta R.T. 0.05 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.4	48.8	73.2
43	29.1	18.5	27.7



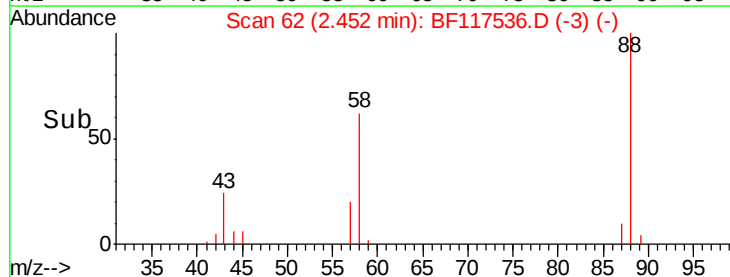
Abundance

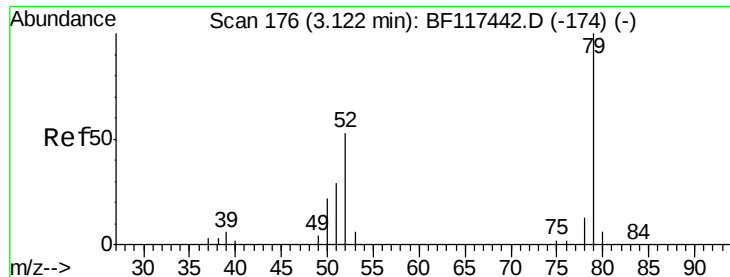
Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

Time-->





#3

Pvridine

Concen: 34.369 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.06 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

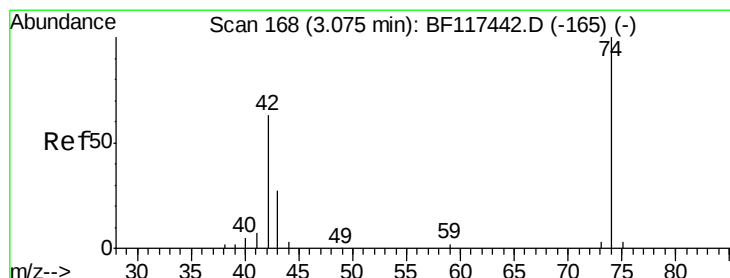
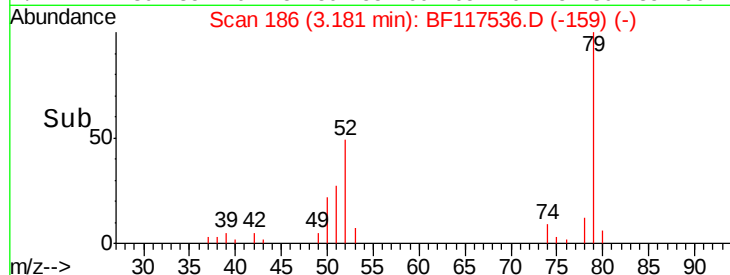
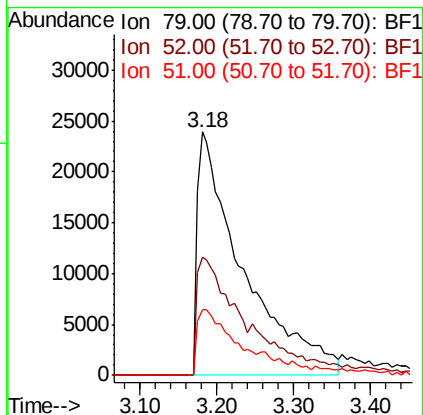
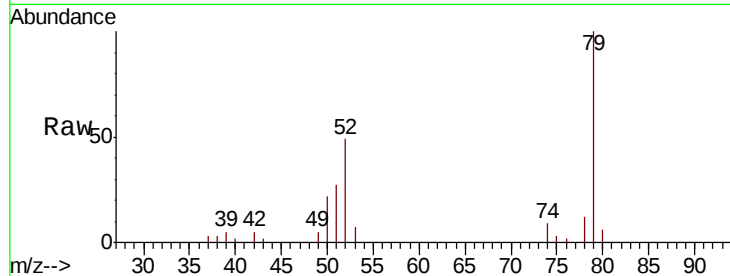
ClientSampleId :

802-00-(0-2)MS

Tot Ion:	79	Resp:	98565
Ion	Ratio	Lower	Upper
79	100		
52	48.7	42.4	63.6
51	26.8	23.3	34.9

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#4

n-Nitrosodimethylamine

Concen: 39.559 ng

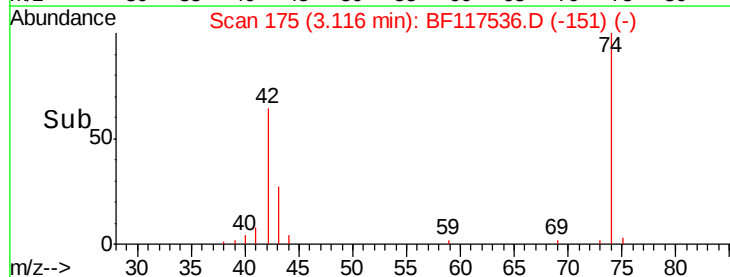
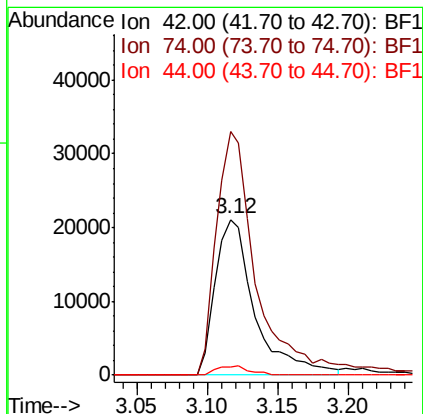
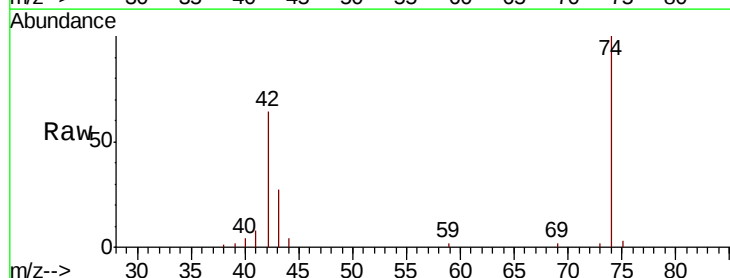
RT: 3.12 min Scan# 175

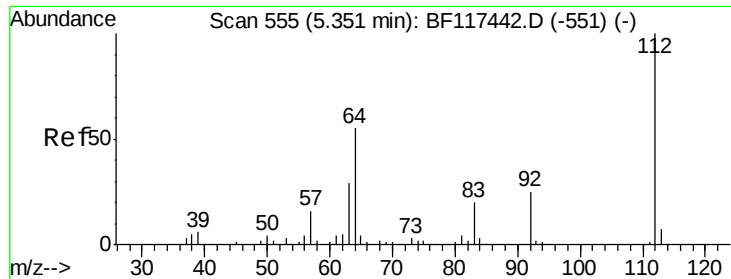
Delta R.T. 0.04 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion:	42	Resp:	41157
Ion	Ratio	Lower	Upper
42	100		
74	156.8	124.2	186.4
44	5.5	4.2	6.4





#5

2-Fluorophenol

Concen: 107.651 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

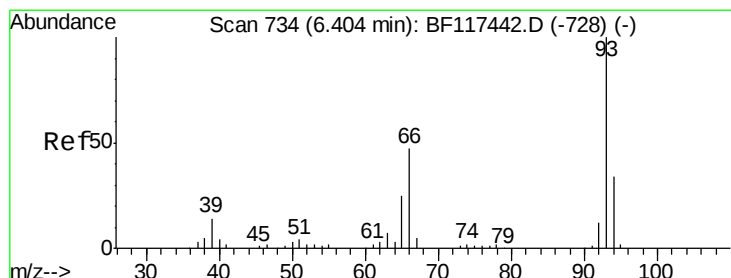
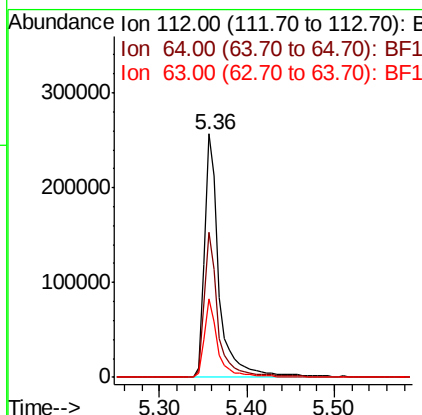
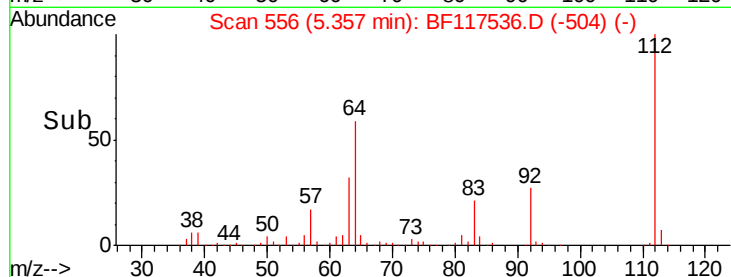
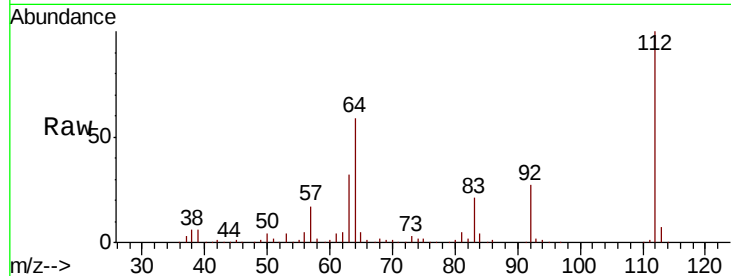
ClientSampleId :

802-00-(0-2)MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.5	44.1	66.1
63	32.1	23.4	35.2

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#6

Aniline

Concen: 20.473 ng

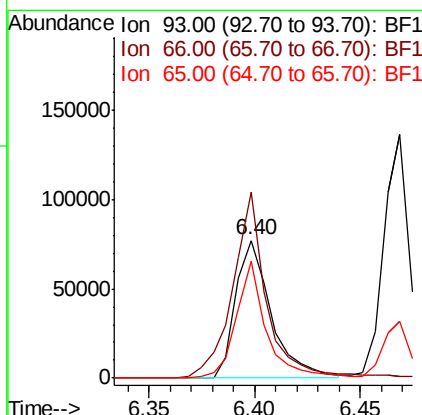
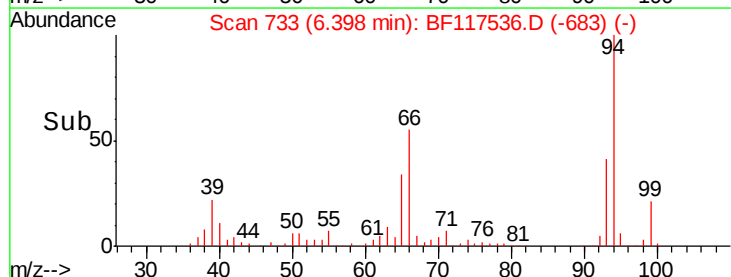
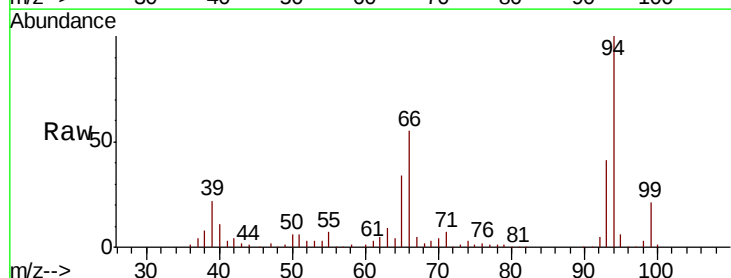
RT: 6.40 min Scan# 733

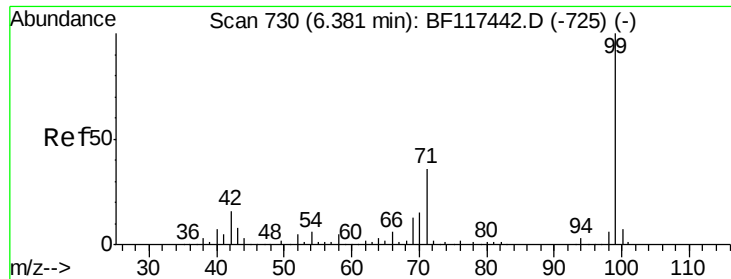
Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	134.6	38.7	58.1#
65	84.7	20.1	30.1#





#7

Phenol-d6

Concen: 110.043 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

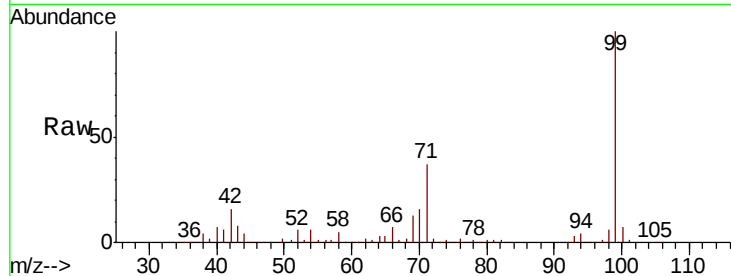
ClientSampleId :

802-00-(0-2)MS

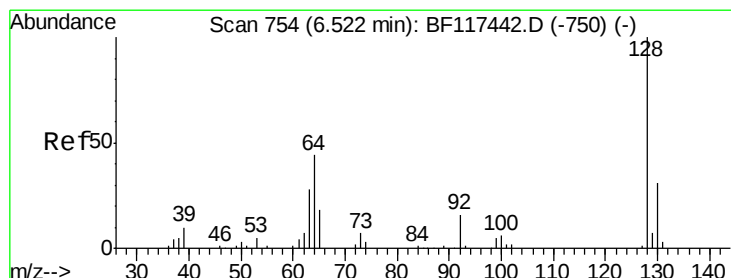
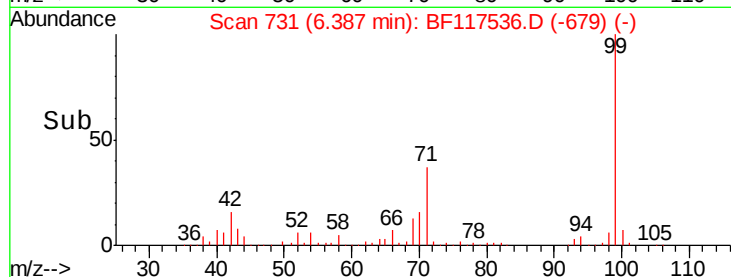
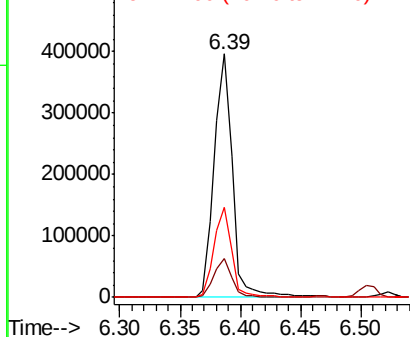
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		411826		
42	16.1	12.8	19.2		
71	37.0	28.6	43.0		

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



#8

2-Chlorophenol

Concen: 42.075 ng

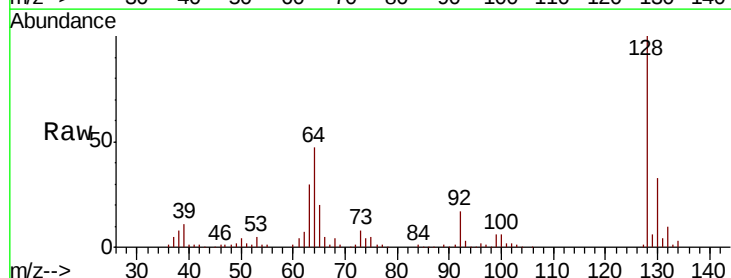
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

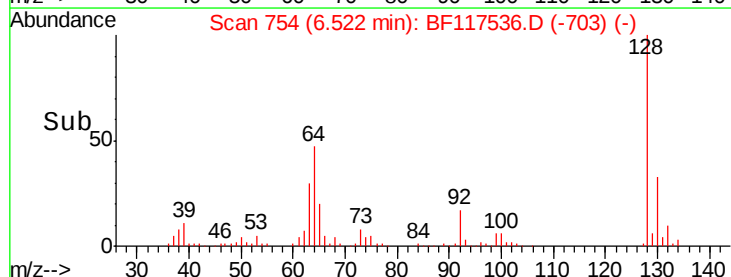
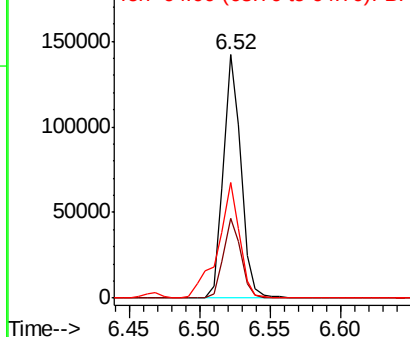
Lab File: BF117536.D

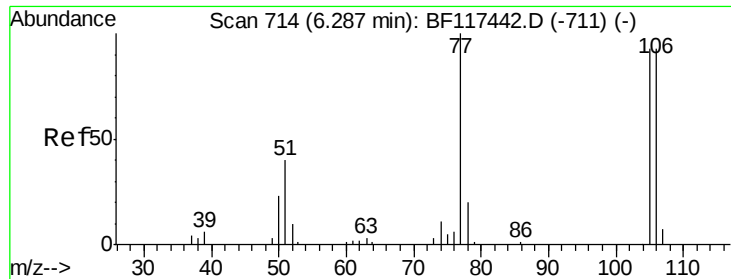
Acq: 25 Oct 2019 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		123709		
130	32.9	11.1	51.1		
64	47.5	27.1	67.1		



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





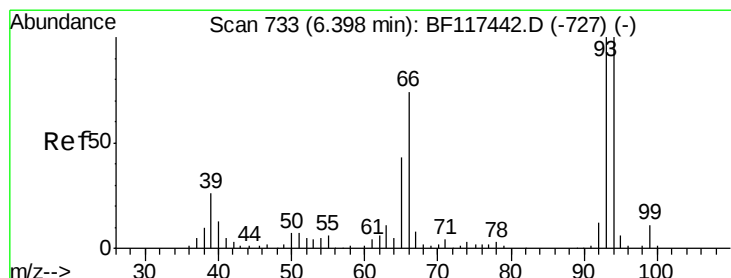
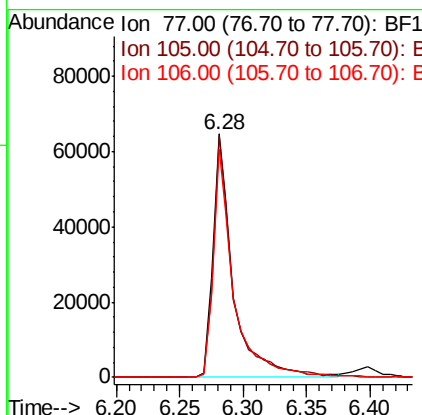
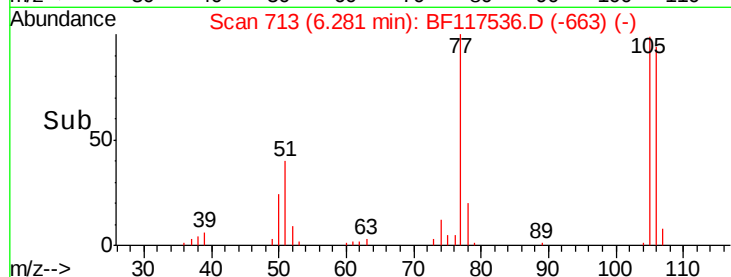
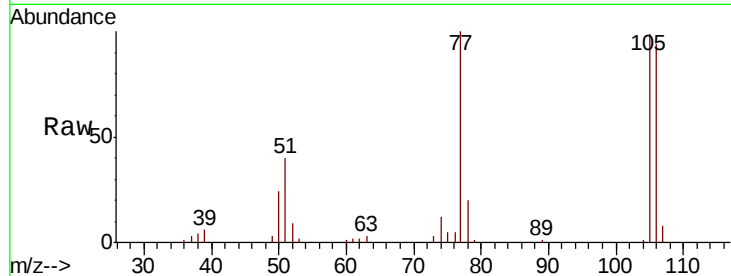
#9
Benzaldehyde
Concen: 40.227 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.9	73.4	113.4
106	93.7	73.0	113.0

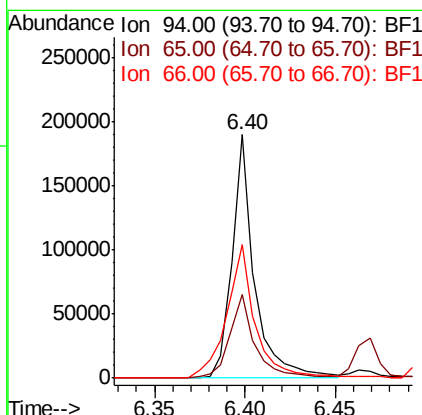
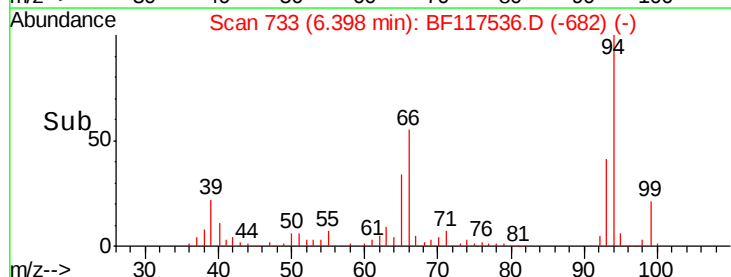
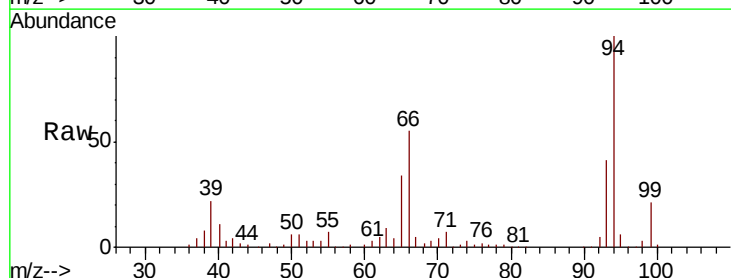
Manual Integrations
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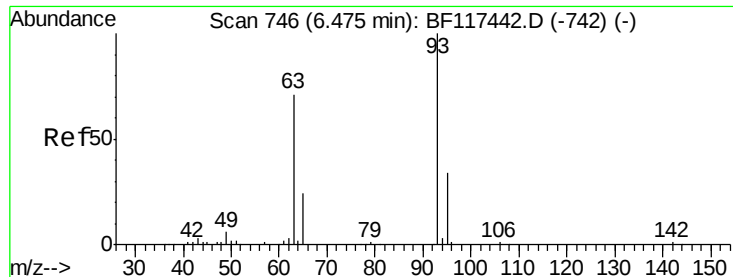
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#10
Phenol
Concen: 43.044 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.4	23.4	63.4
66	54.7	54.7	94.7





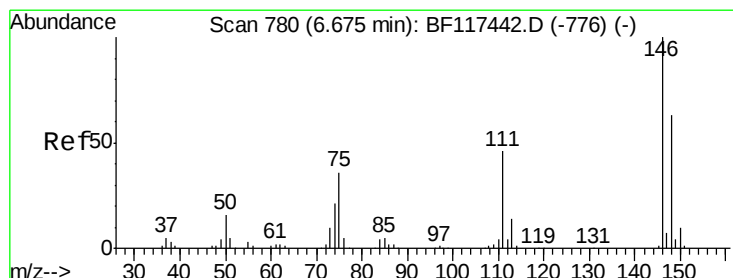
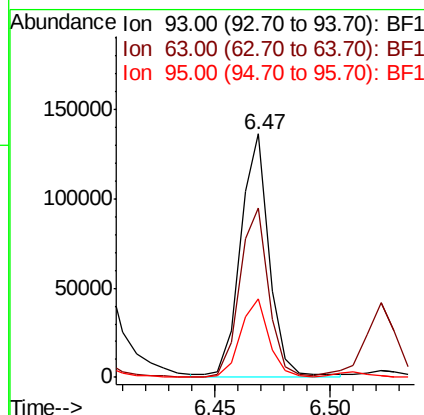
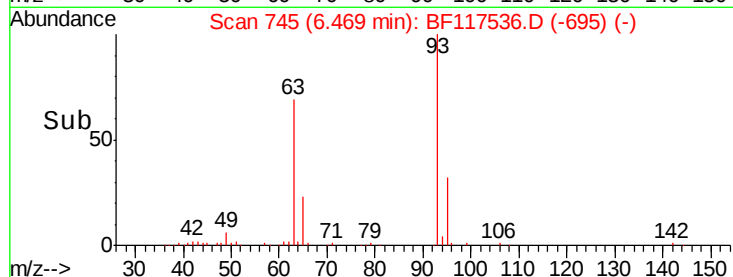
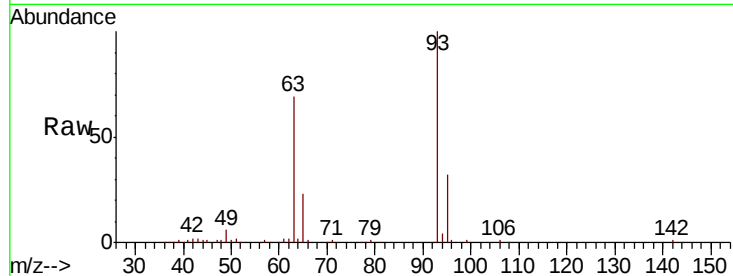
#11
bis(2-Chloroethyl)ether
Concen: 42.274 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	93	Resp	119434
Ion Ratio	Lower	Upper	
93	100		
63	69.4	50.2	90.2
95	32.4	13.9	53.9

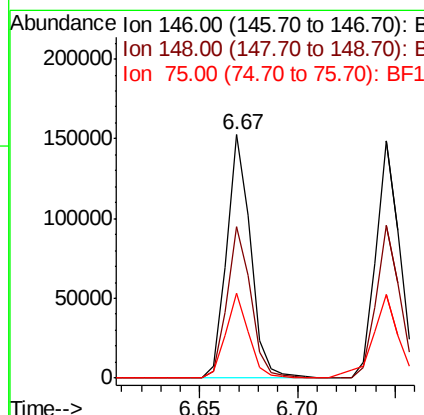
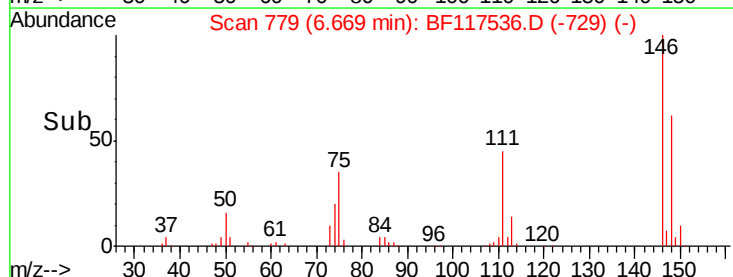
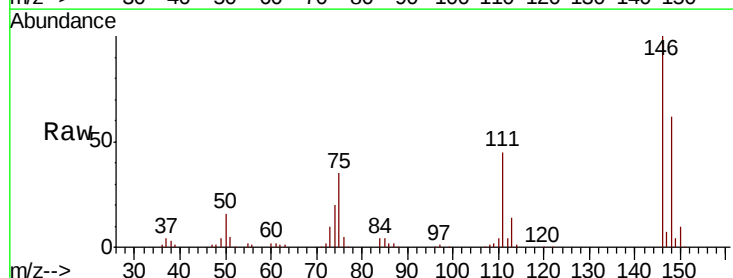
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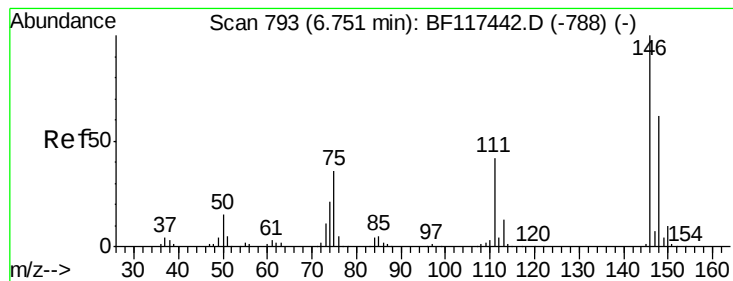
mohammad
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#12
1,3-Dichlorobenzene
Concen: 39.526 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	146	Resp	129688
Ion Ratio	Lower	Upper	
146	100		
148	62.1	50.6	75.8
75	35.0	28.6	43.0





#13

1,4-Dichlorobenzene

Concen: 38.603 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

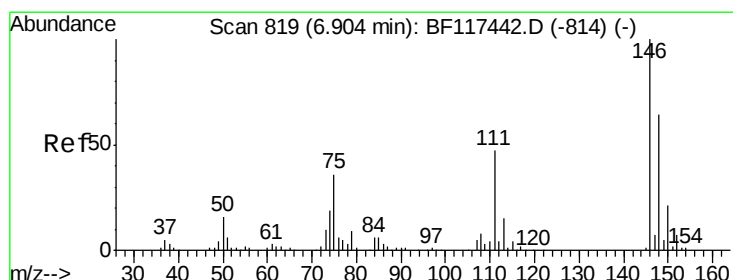
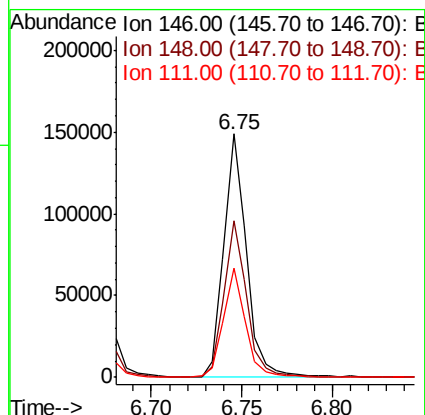
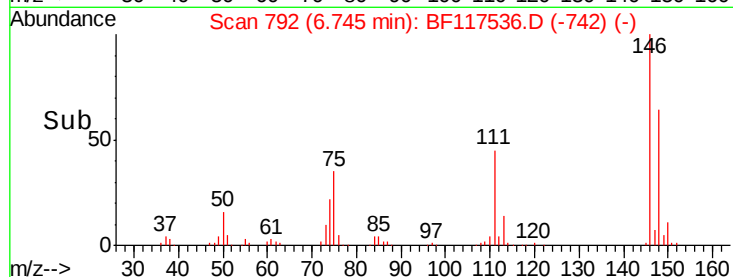
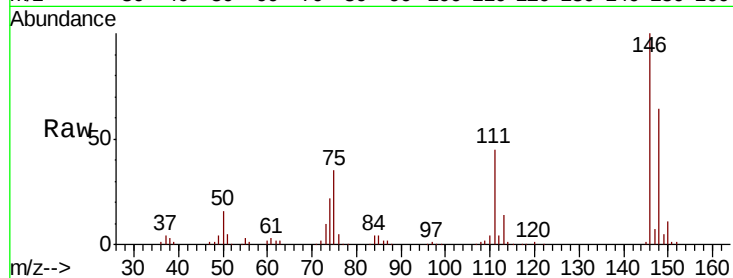
ClientSampleId :

802-00-(0-2)MS

Tot Ion:	146	Resp:	128492
Ion Ratio	Lower	Upper	
146	100		
148	64.4	49.3	73.9
111	44.6	33.6	50.4

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#14

1,2-Dichlorobenzene

Concen: 39.128 ng

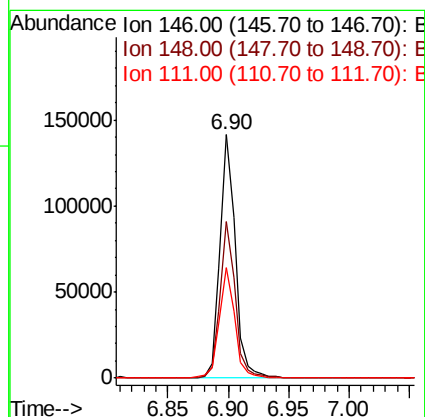
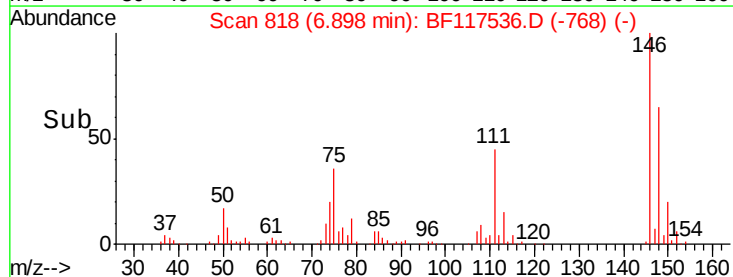
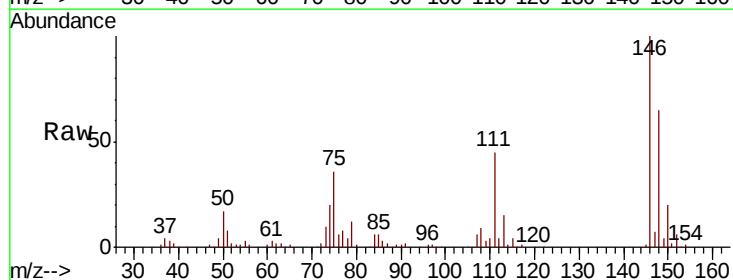
RT: 6.90 min Scan# 818

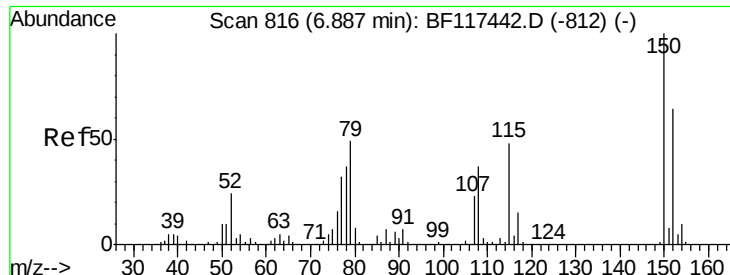
Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion:	146	Resp:	122764
Ion Ratio	Lower	Upper	
146	100		
148	64.5	51.4	77.0
111	45.4	37.7	56.5





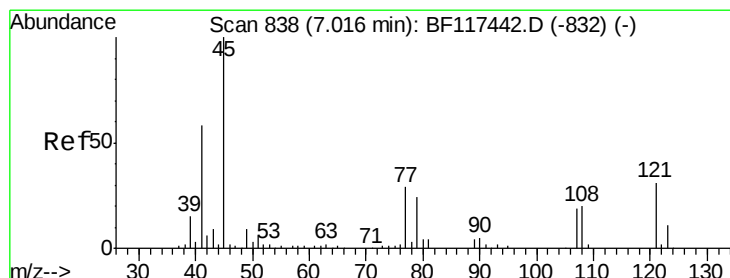
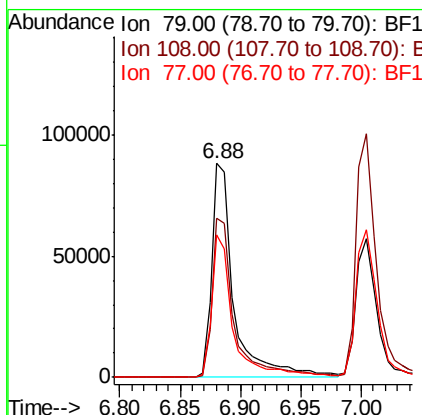
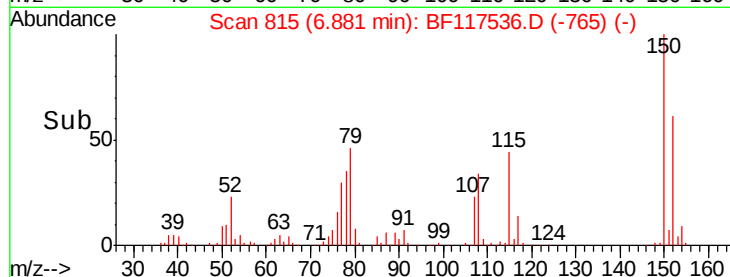
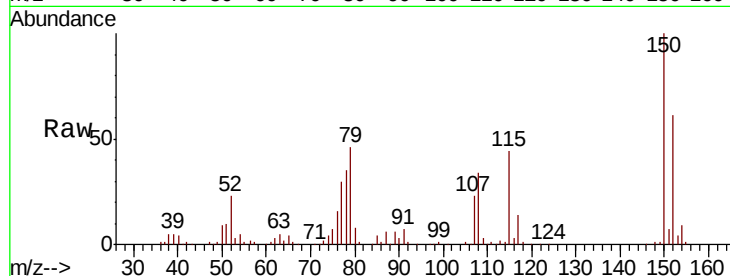
#15
Benzyl Alcohol
Concen: 41.844 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.3	59.8	89.8
77	66.5	51.4	77.0

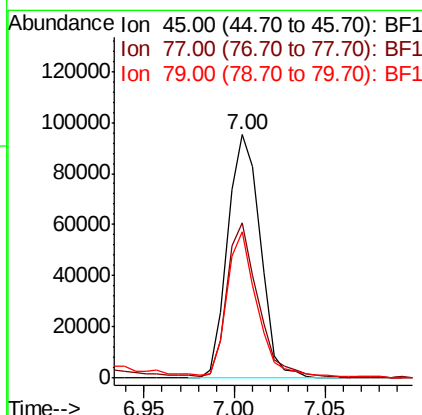
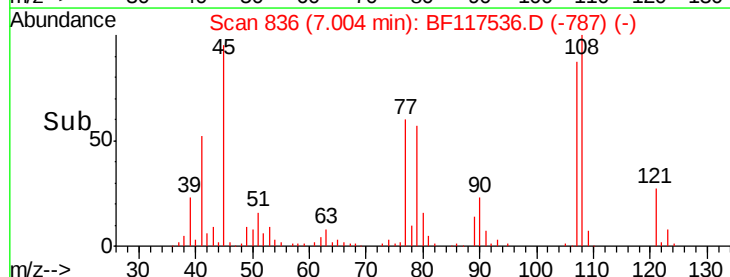
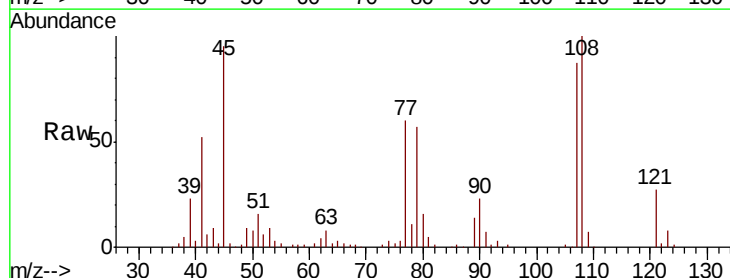
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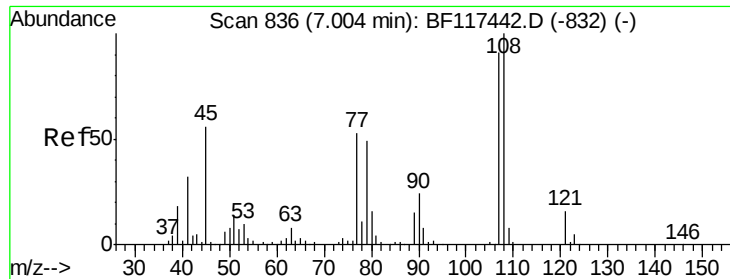
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.072 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
45	100		
77	63.8	9.9	49.9#
79	60.2	5.5	45.5#





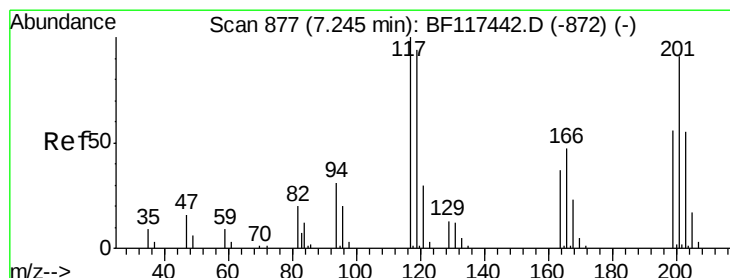
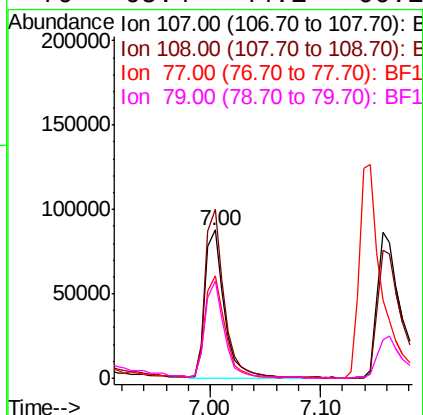
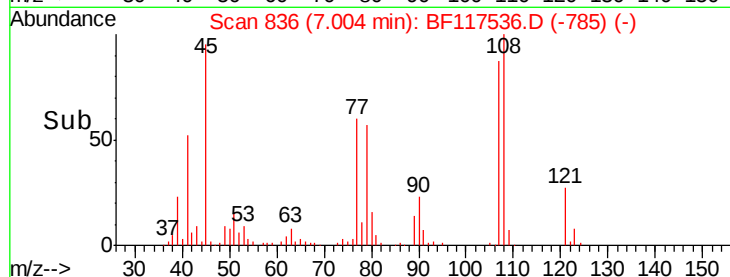
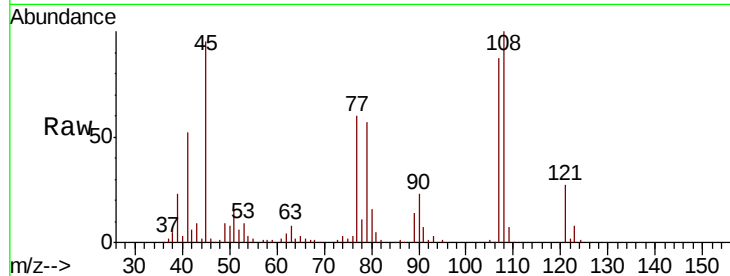
#17
2-Methylphenol
Concen: 43.421 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.6	88.0	132.0	
77	69.3	47.2	70.8	
79	65.4	44.1	66.1	

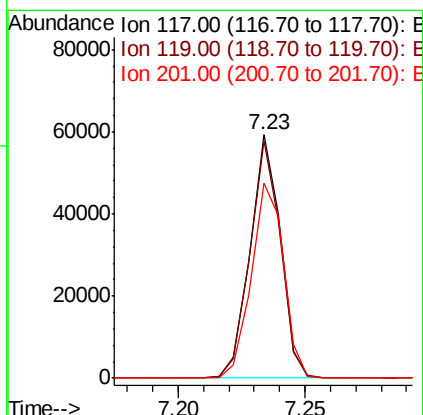
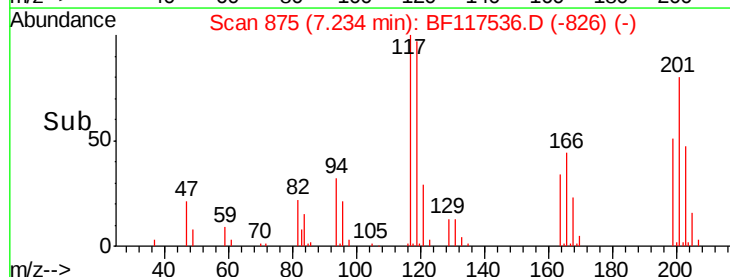
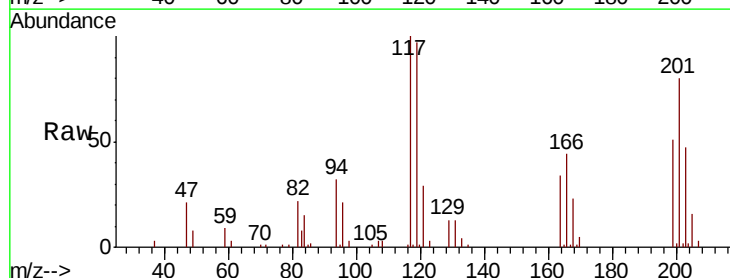
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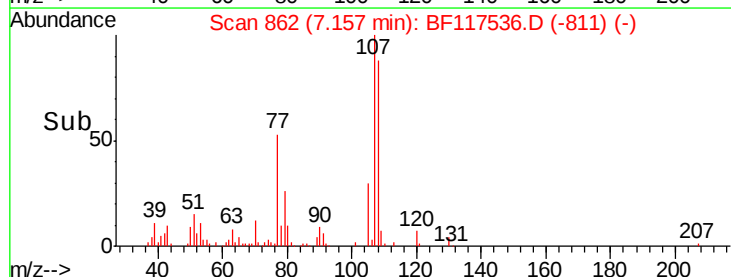
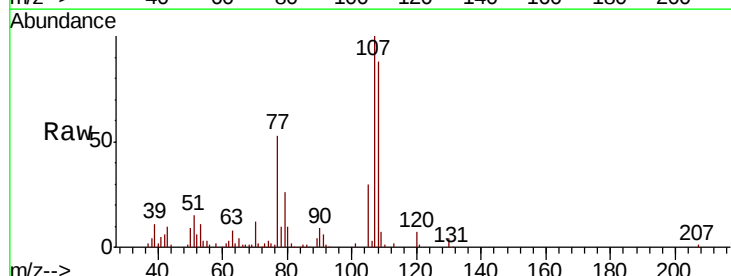
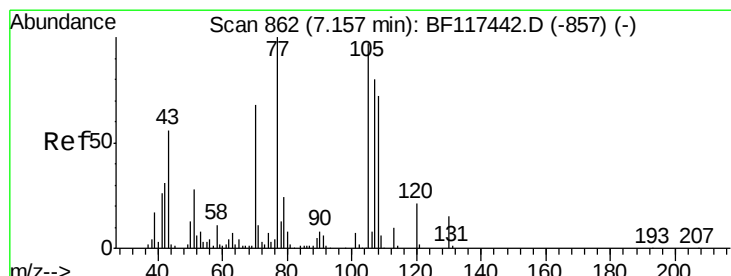
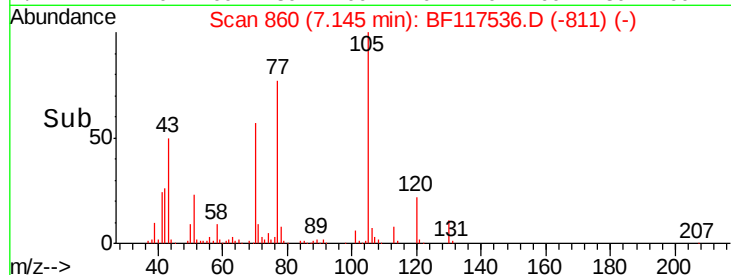
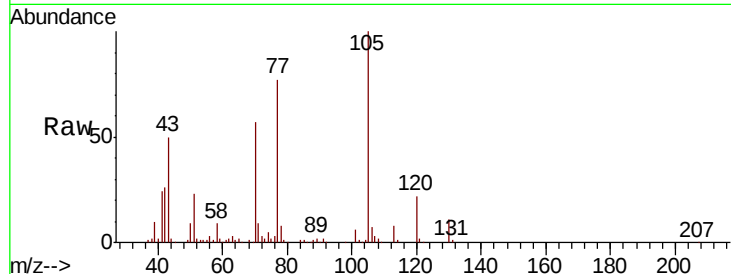
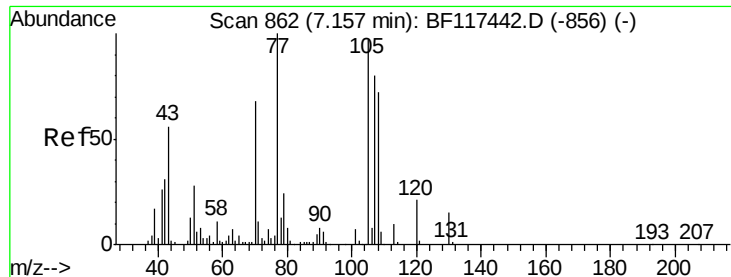
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#18
Hexachloroethane
Concen: 38.108 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.2	75.4	113.0	
201	80.2	72.5	108.7	





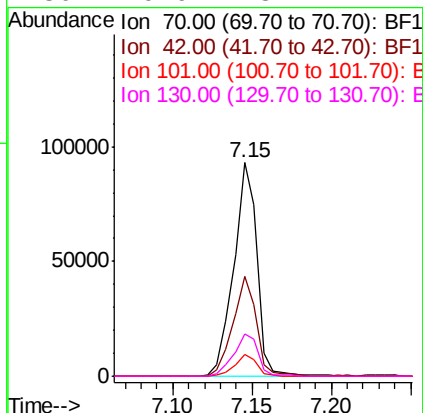
#19
n-Nitroso-di-n-propylamine
Concen: 41.351 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.5	36.7	55.1
101	10.1	8.3	12.5
130	19.9	18.1	27.1

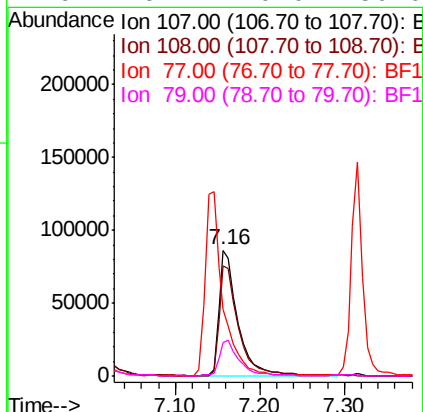
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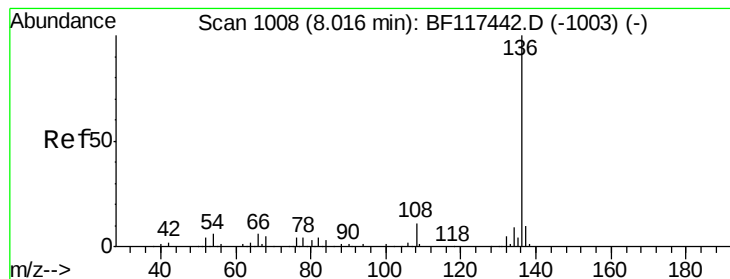
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#20
3+4-Methylphenols
Concen: 42.830 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	70.3	110.3
77	53.2	104.8	144.8#
79	26.4	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

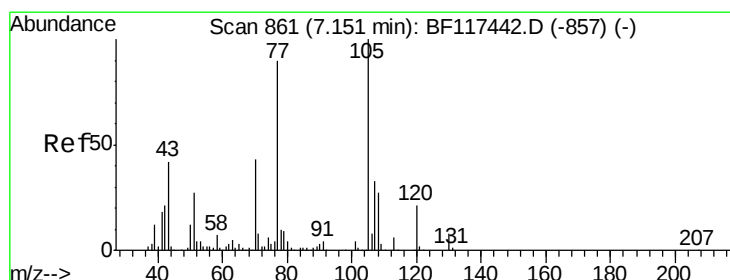
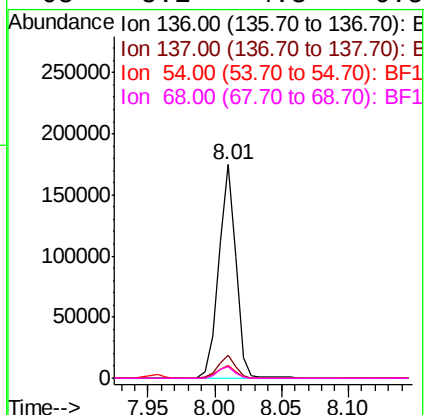
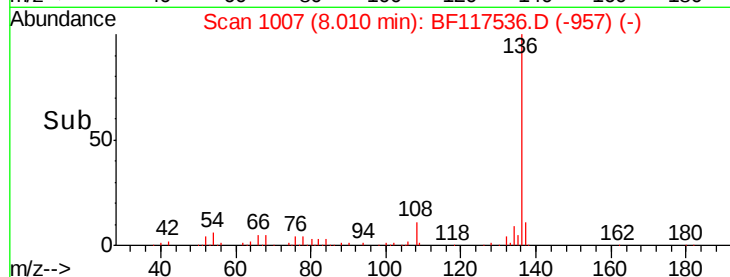
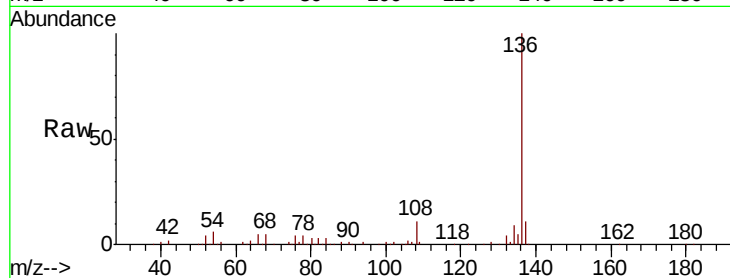
ClientSampleId :

802-00-(0-2)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		159297		
137	11.1	8.2	12.4		
54	6.0	4.5	6.7		
68	5.1	4.3	6.5		

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#22

Acetophenone

Concen: 43.336 ng

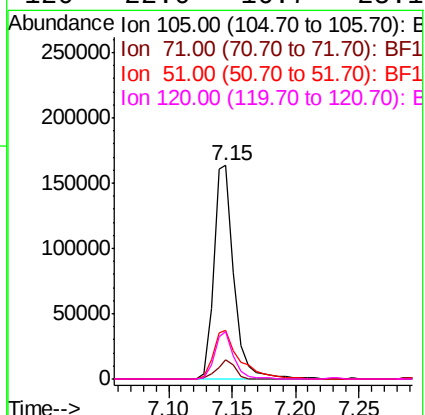
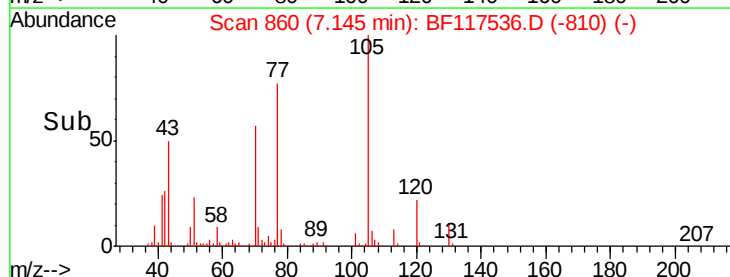
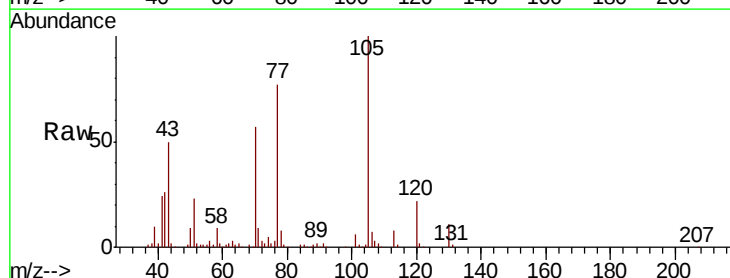
RT: 7.15 min Scan# 860

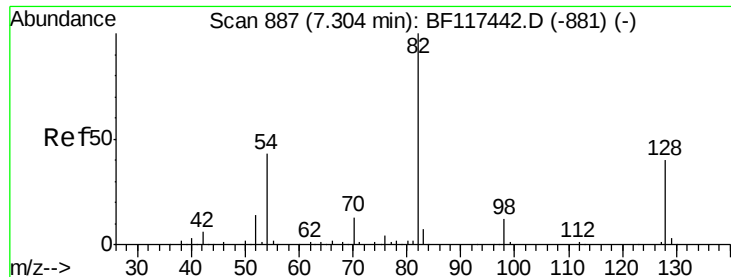
Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		183307		
71	9.2	6.2	9.2		
51	22.5	21.8	32.6		
120	22.0	16.7	25.1		





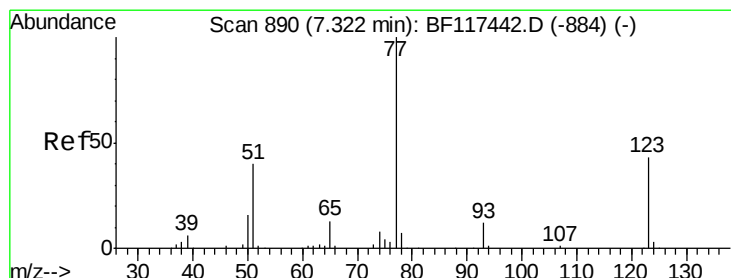
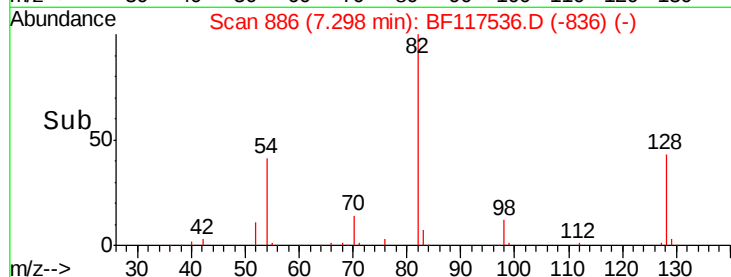
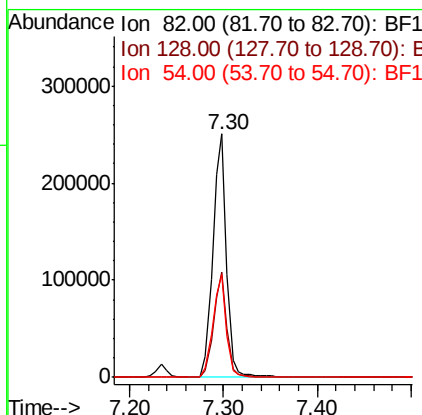
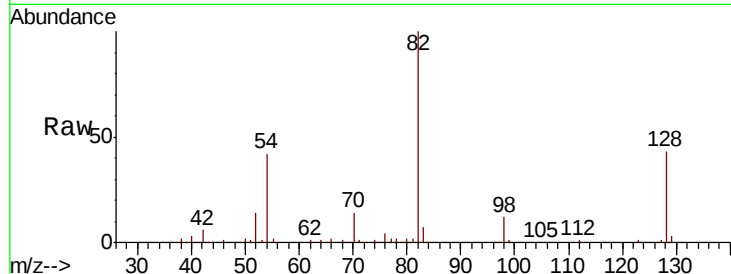
#23
Nitrobenzene-d5
Concen: 80.141 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	258593		
128	43.3		32.2	48.2
54	42.4		34.2	51.2

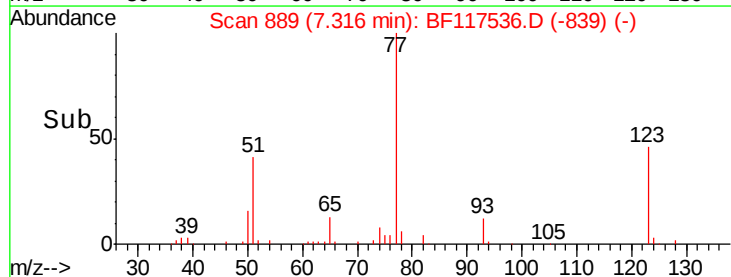
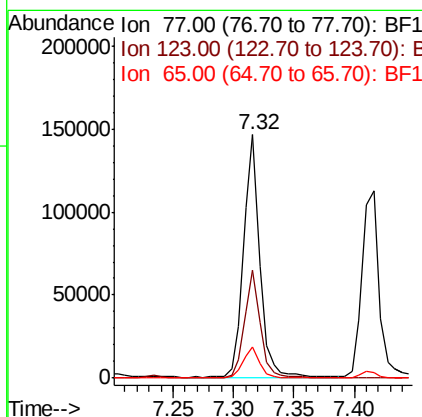
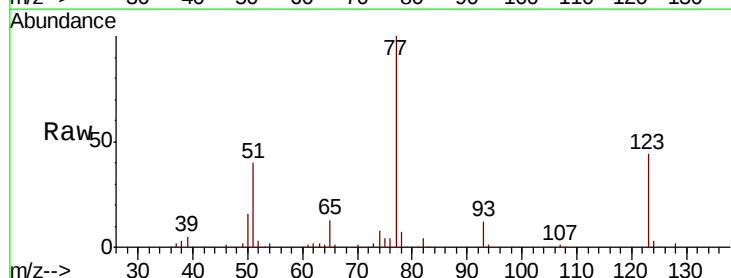
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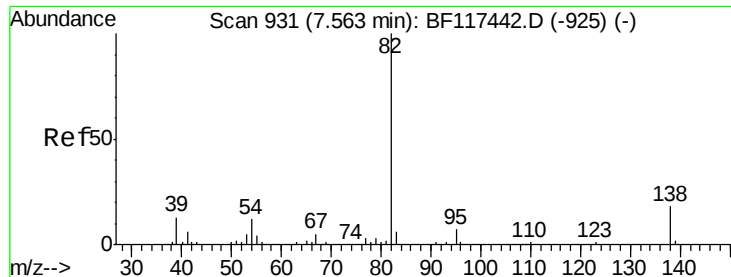
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#24
Nitrobenzene
Concen: 45.827 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	141632		
123	44.4		34.2	51.2
65	12.7		10.3	15.5





#25

Isophorone

Concen: 46.085 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

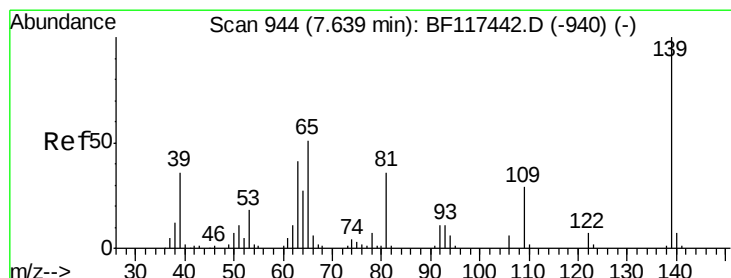
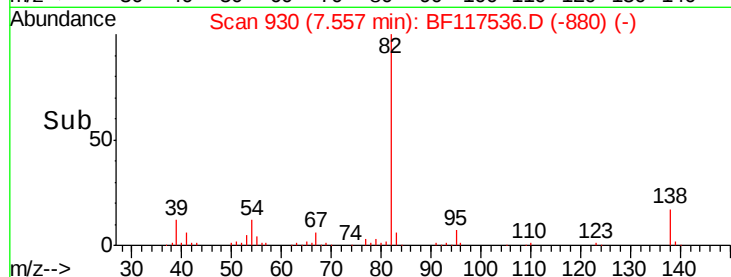
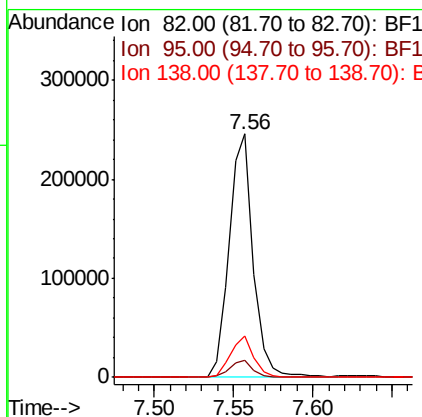
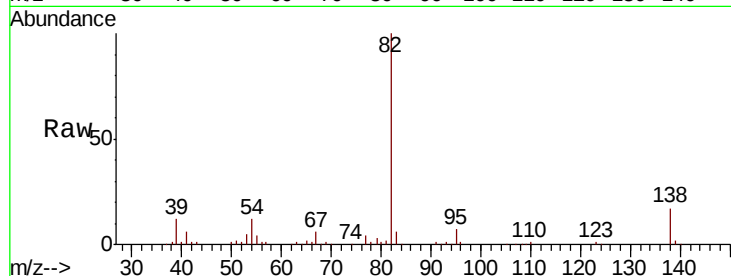
ClientSampleId :

802-00-(0-2)MS

Tot Ion:	82	Resp:	257247
Ion Ratio		Lower	Upper
82	100		
95	7.0	5.4	8.0
138	17.1	14.2	21.2

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#26

2-Nitrophenol

Concen: 47.050 ng

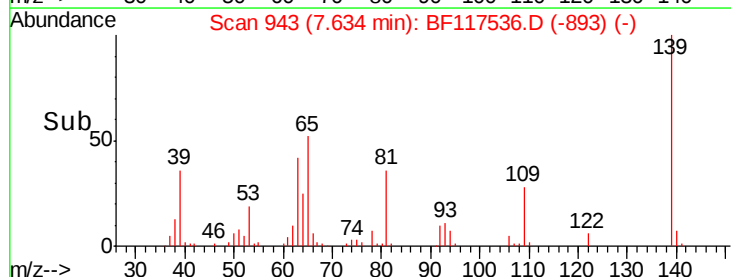
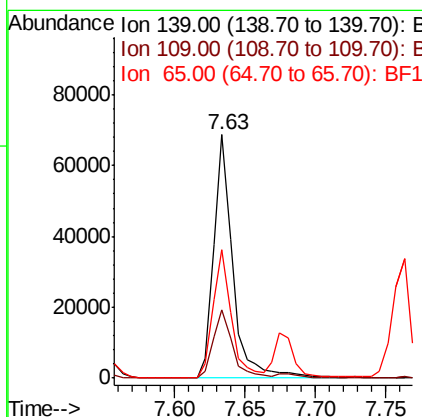
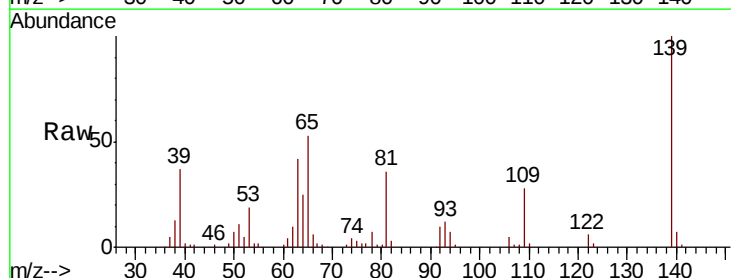
RT: 7.63 min Scan# 943

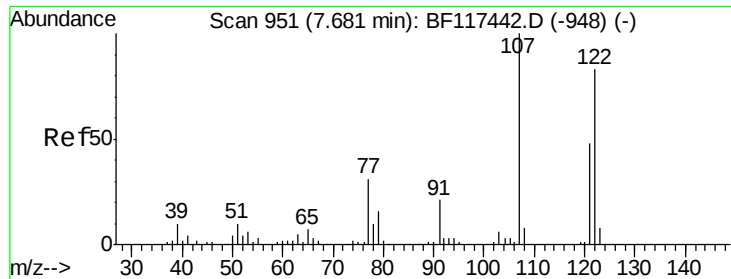
Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion:	139	Resp:	64854
Ion Ratio		Lower	Upper
139	100		
109	28.2	23.2	34.8
65	52.8	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 53.316 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

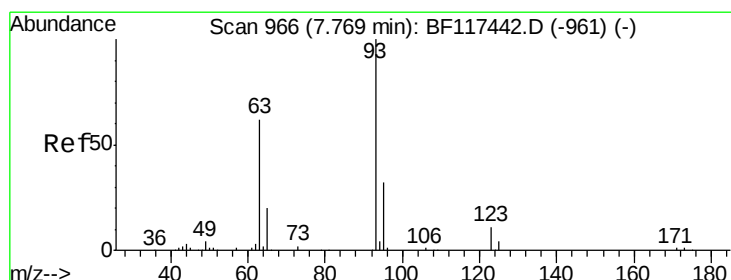
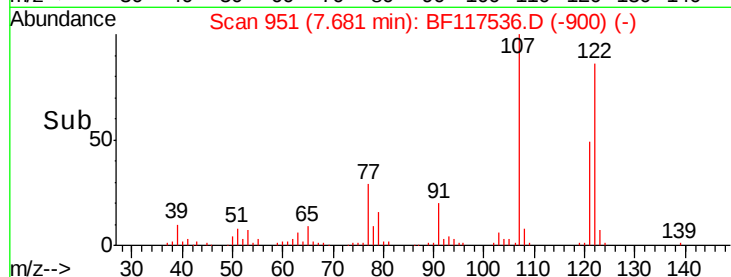
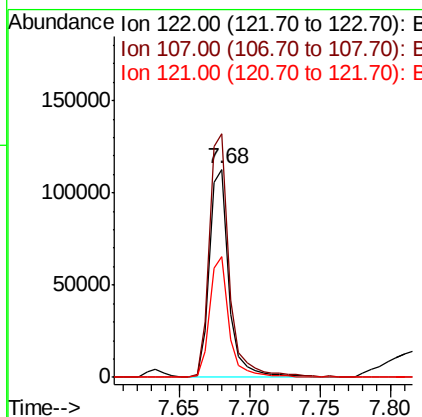
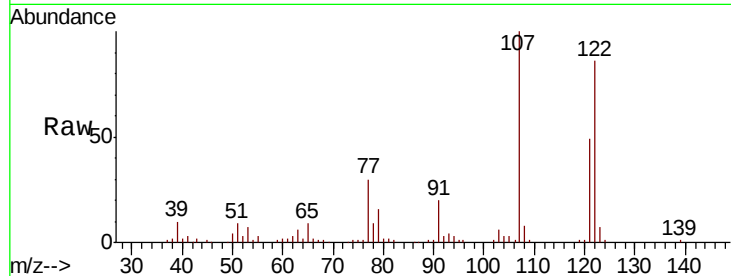
ClientSampleId :

802-00-(0-2)MS

Tot Ion:	122	Resp:	109830
Ion Ratio	Lower	Upper	
122	100		
107	116.8	96.8	145.2
121	57.8	46.4	69.6

Manual Integrations
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#28

bis(2-Chloroethoxy)methane

Concen: 43.646 ng

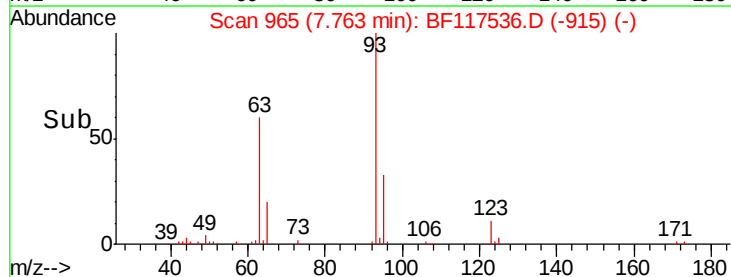
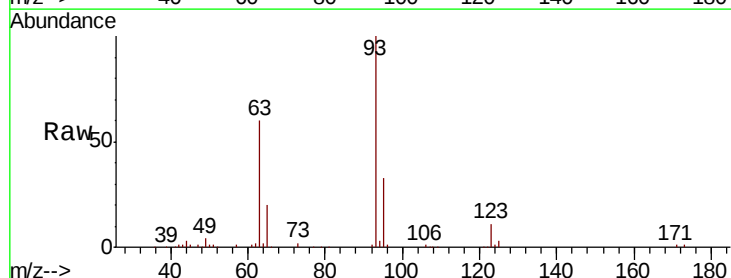
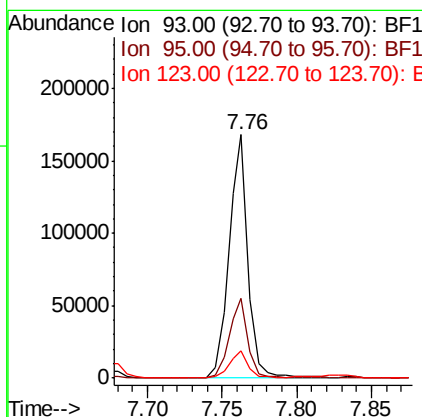
RT: 7.76 min Scan# 965

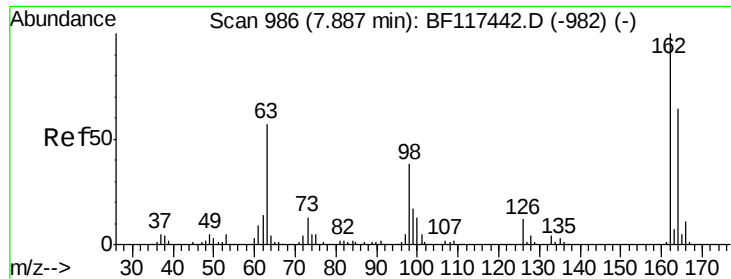
Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion:	93	Resp:	150334
Ion Ratio	Lower	Upper	
93	100		
95	32.8	25.5	38.3
123	11.2	9.0	13.6





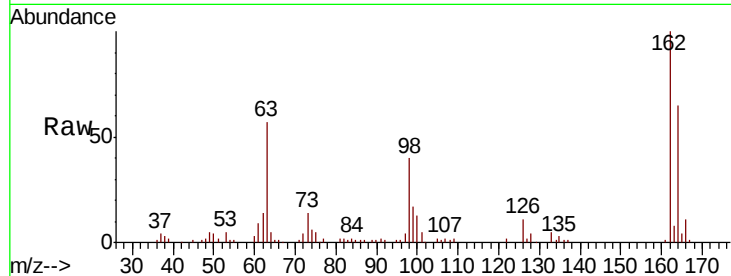
#29
2,4-Dichlorophenol
Concen: 46.251 ng
RT: 7.89 min Scan# 986
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	65.5	44.4	84.4
98	39.5	18.2	58.2

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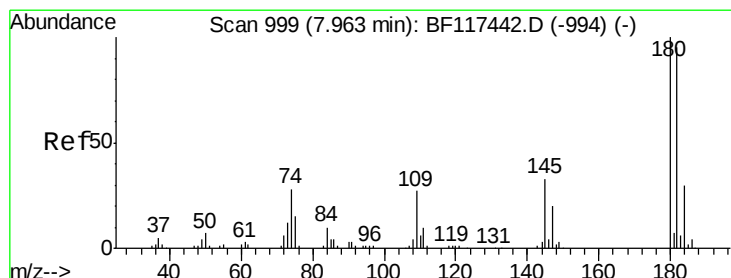
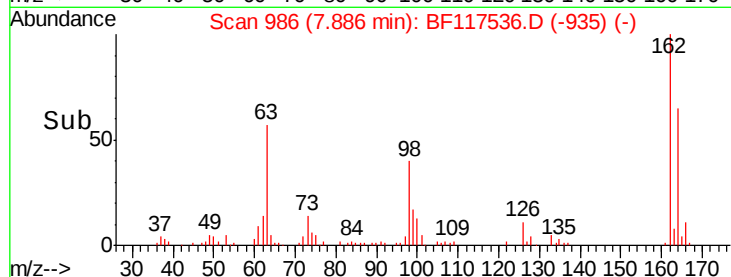
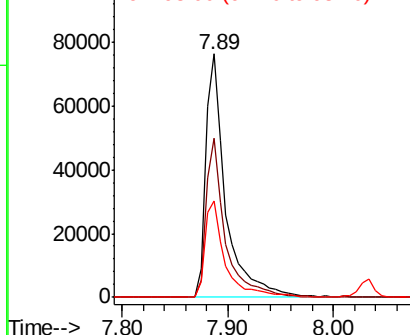


Abundance

Ion 162.00 (161.70 to 162.70): E

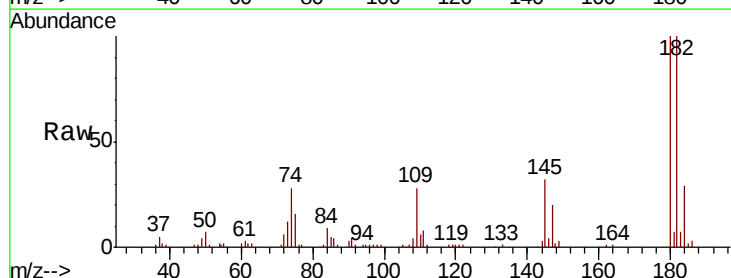
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.838 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.3	75.8	113.8
145	31.7	26.5	39.7

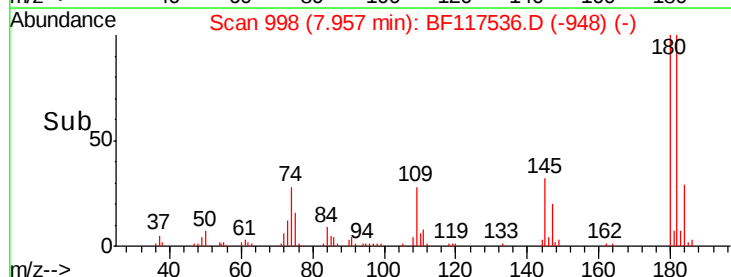
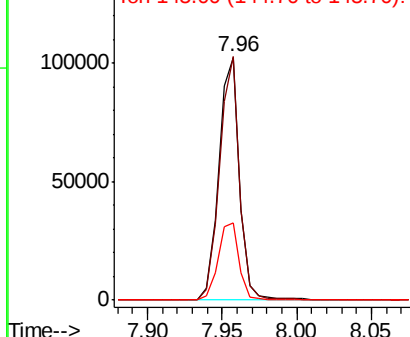


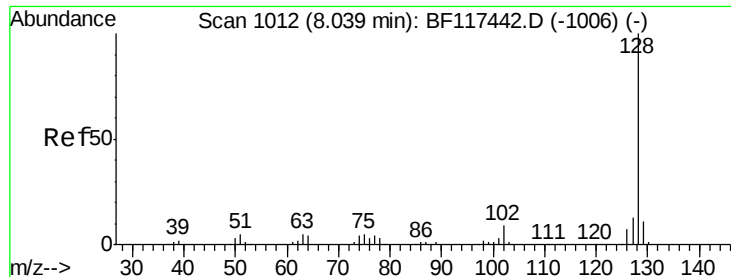
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





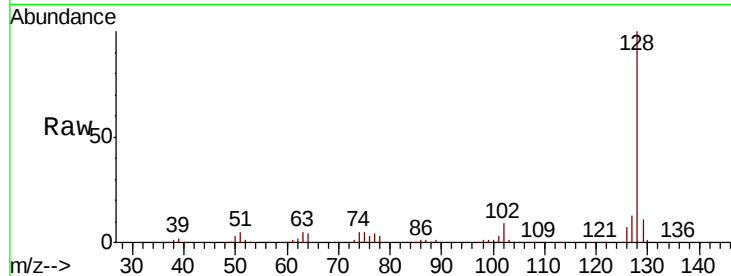
#31
Naphthalene
Concen: 45.493 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.8	9.0	13.4
127	12.9	10.2	15.2

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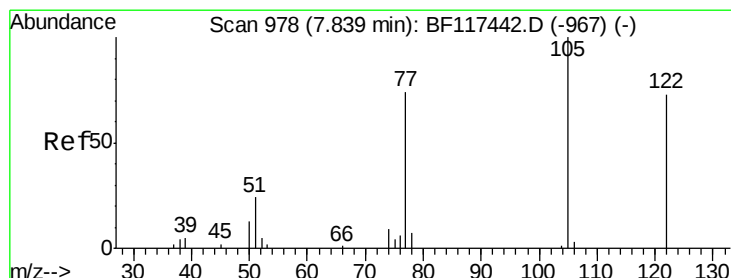
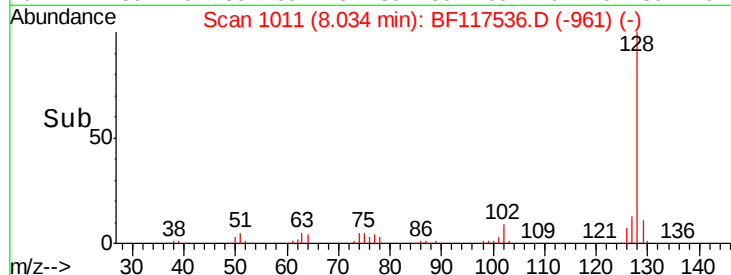
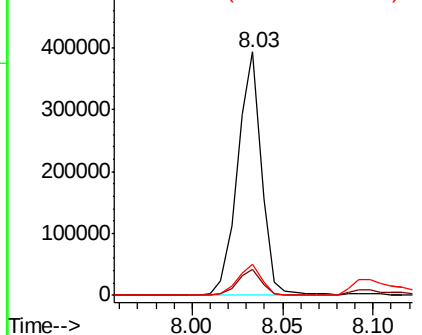


Abundance

Ion 128.00 (127.70 to 128.70): E

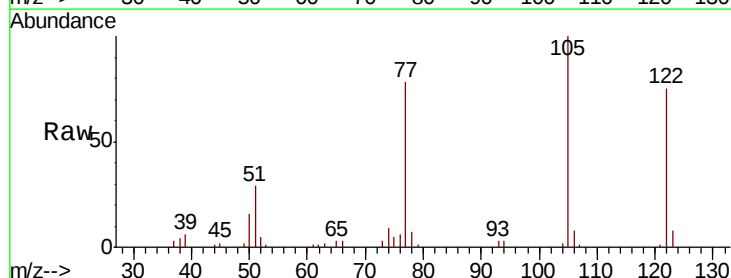
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 36.306 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	133.6	115.0	155.0
77	104.5	79.7	119.7

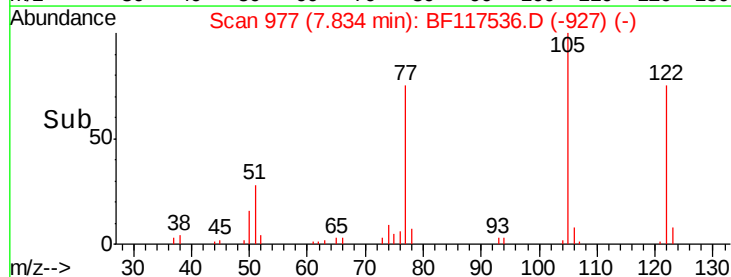
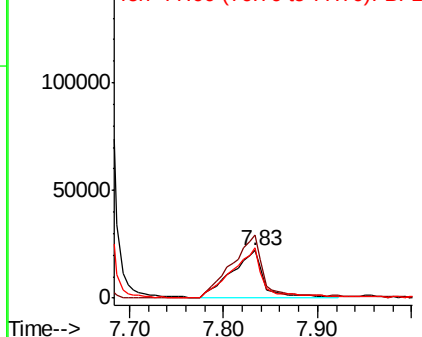


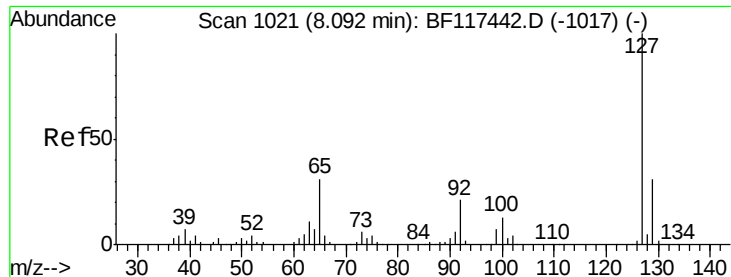
Abundance

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





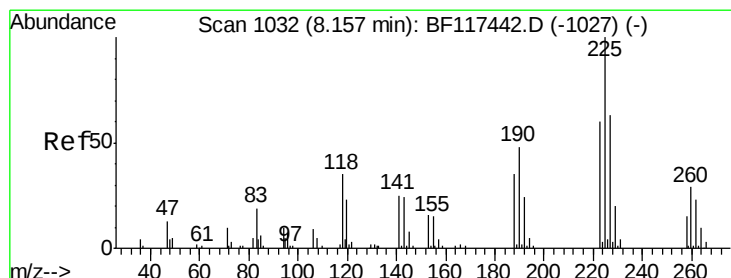
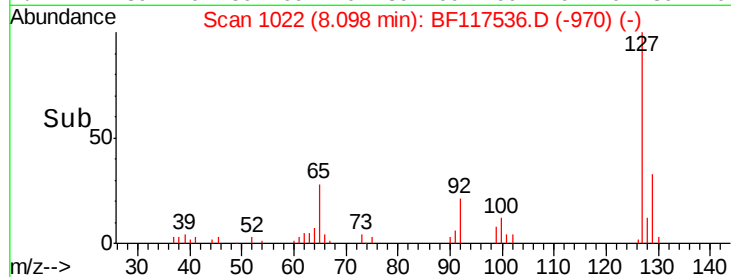
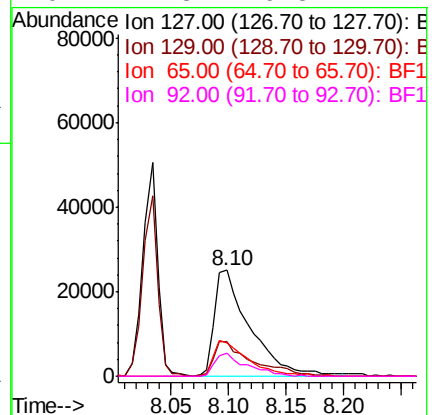
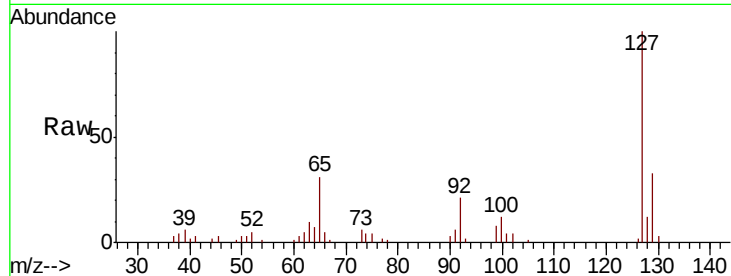
#33
4-Chloroaniline
Concen: 16.075 ng
RT: 8.10 min Scan# 1022
Delta R.T. 0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.1	24.8	37.2
65	31.0	24.6	37.0
92	21.3	16.5	24.7

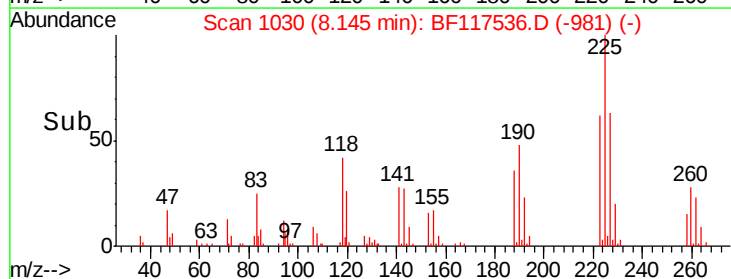
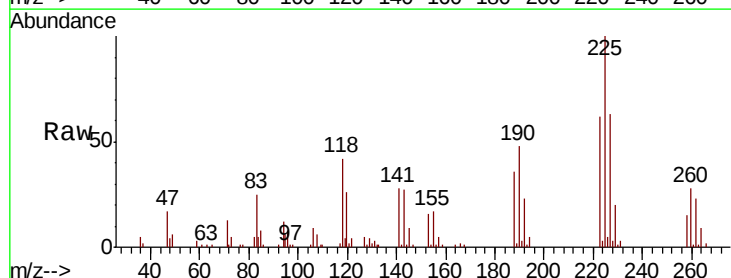
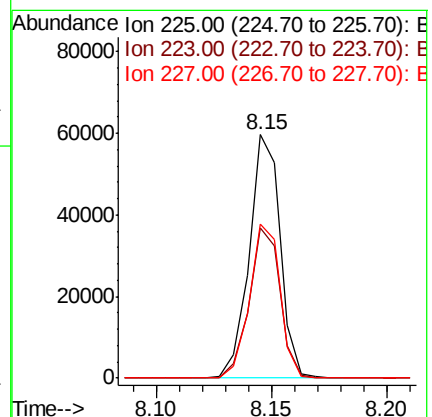
Manual Integrations
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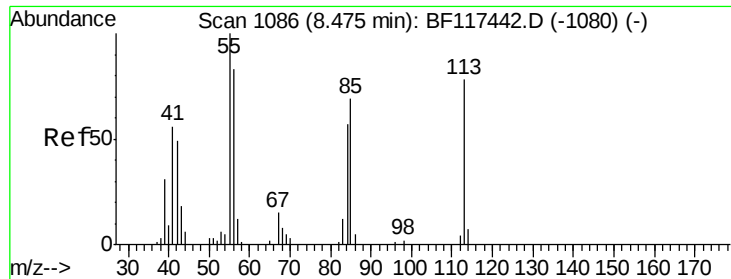
mohammad
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#34
Hexachlorobutadiene
Concen: 41.684 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.7	48.2	72.4
227	63.1	50.2	75.4





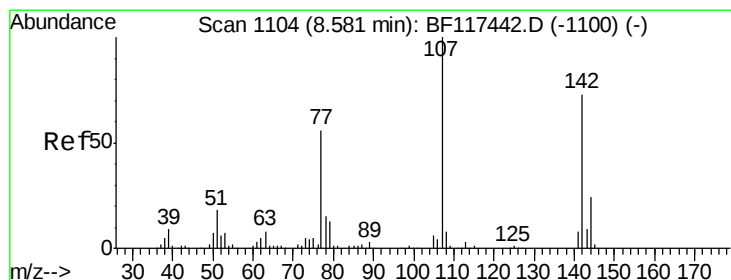
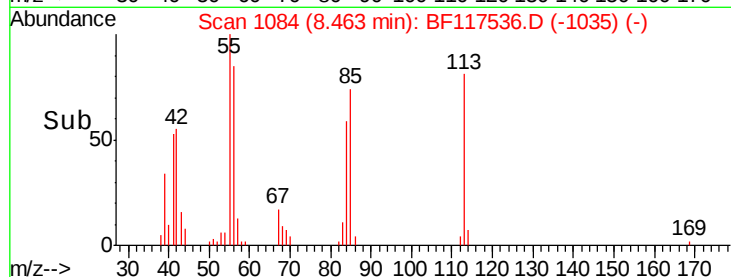
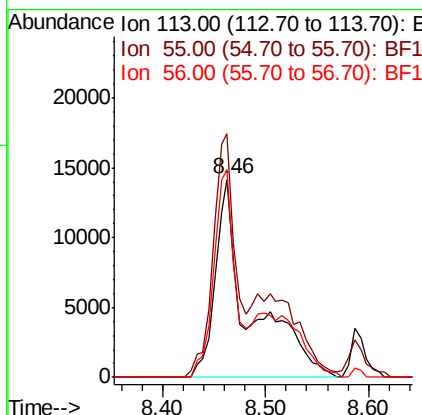
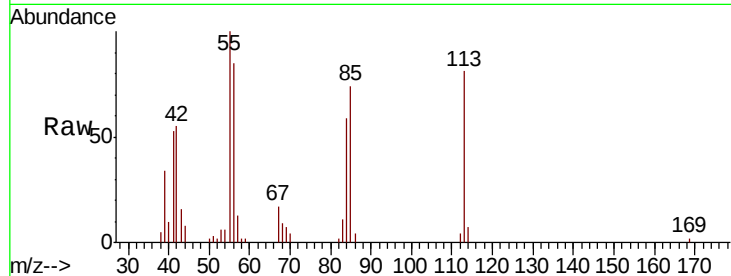
#35
 Caprolactam
 Concen: 47.434 ng m
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
113	100		
55	123.2	108.8	148.8
56	105.2	87.2	127.2

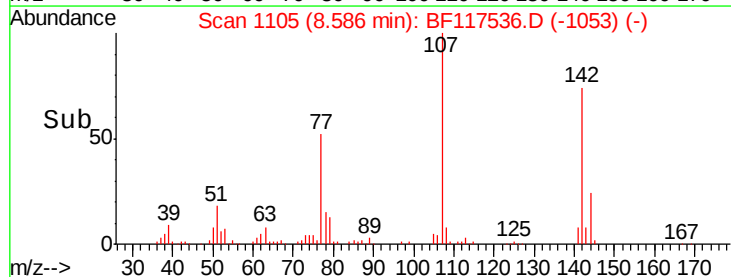
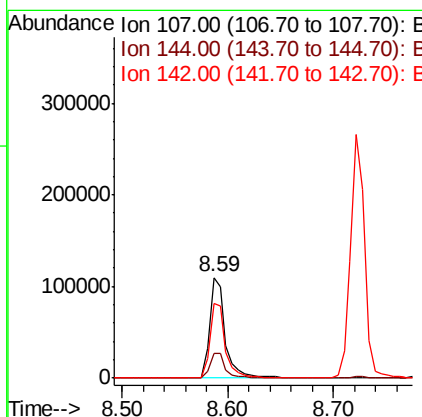
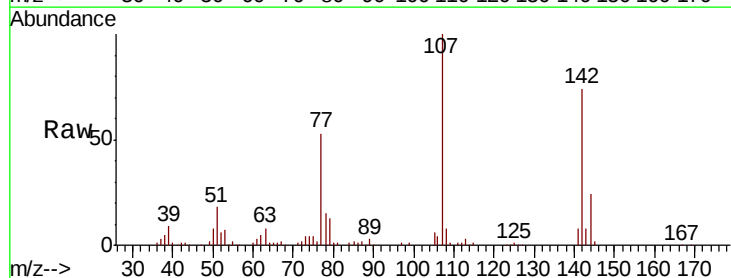
Manual Integrations
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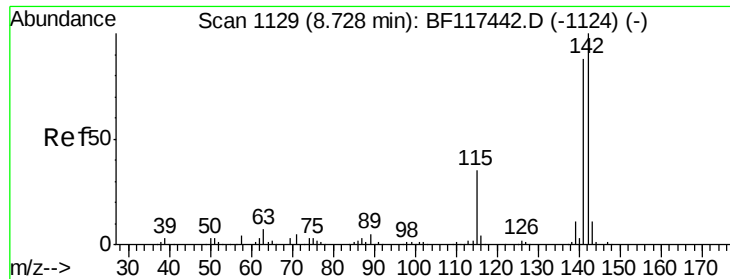
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#36
 4-Chloro-3-methylphenol
 Concen: 46.439 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. 0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	18.9	28.3
142	73.9	58.6	88.0





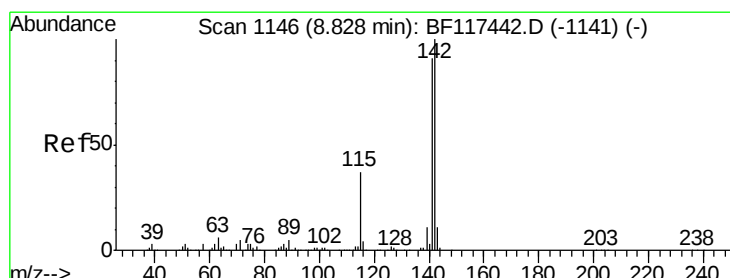
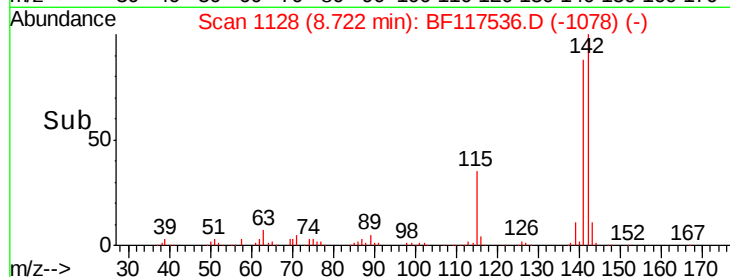
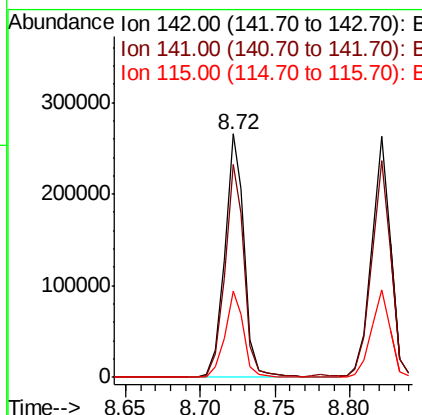
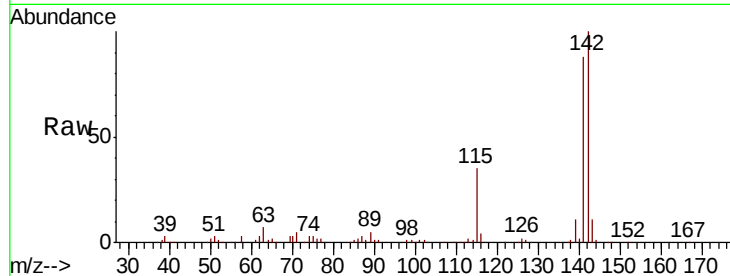
#37
2-Methylnaphthalene
Concen: 46.131 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.3	105.5
115	35.2	28.2	42.2

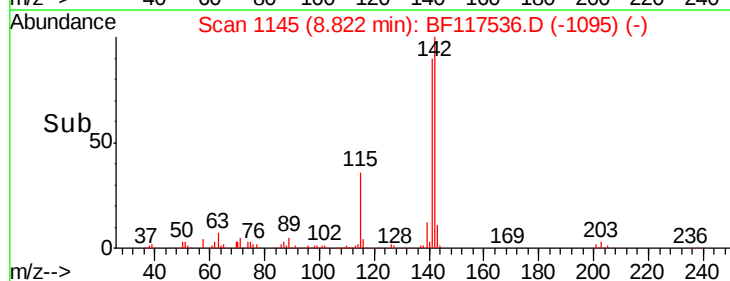
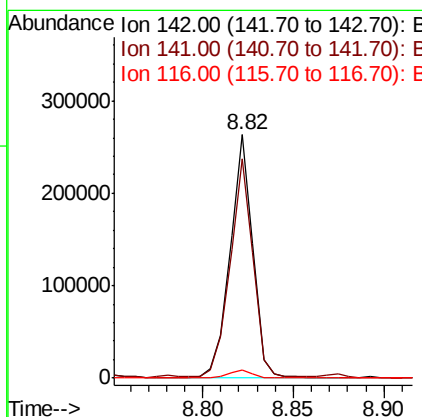
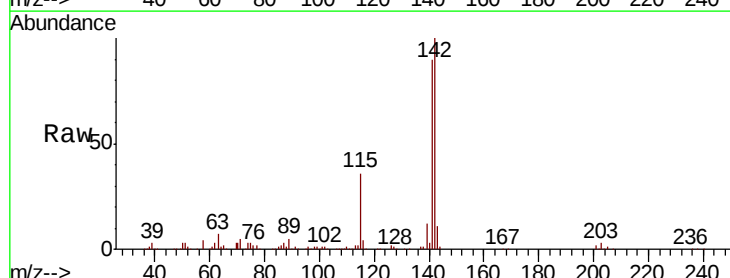
Manual Integrations
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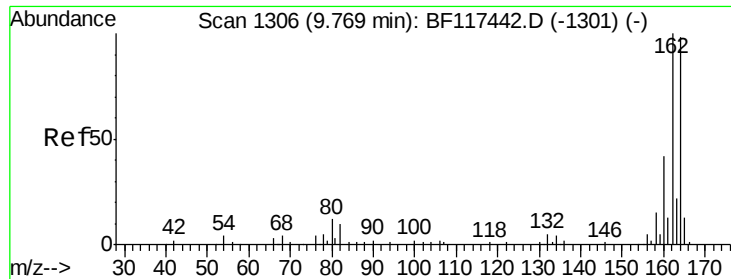
mohammad
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#38
1-Methylnaphthalene
Concen: 45.425 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.9	73.3	109.9
116	3.5	3.1	4.7





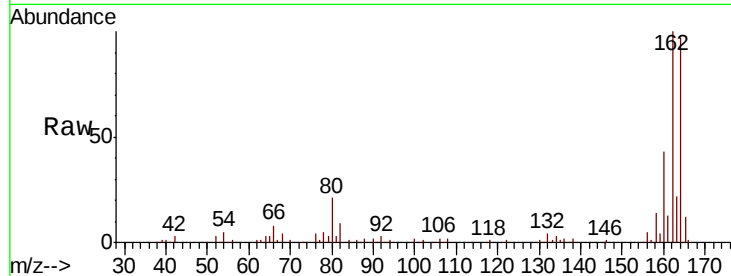
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.6	81.8	122.6
160	44.5	34.4	51.6

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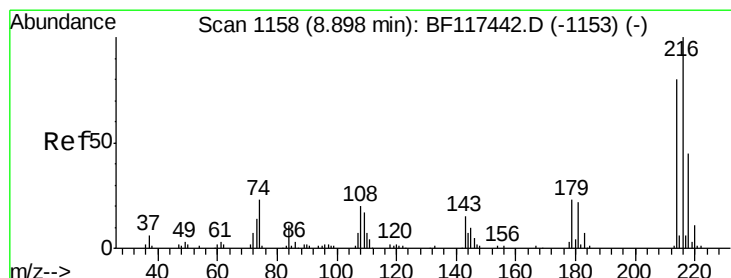
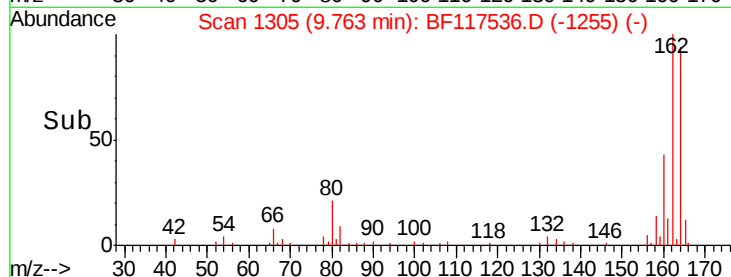
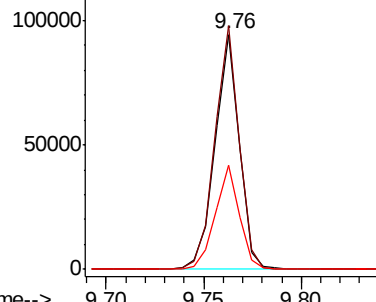


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.416 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	62.4	93.6
179	23.5	18.1	27.1
108	22.2	16.6	24.8

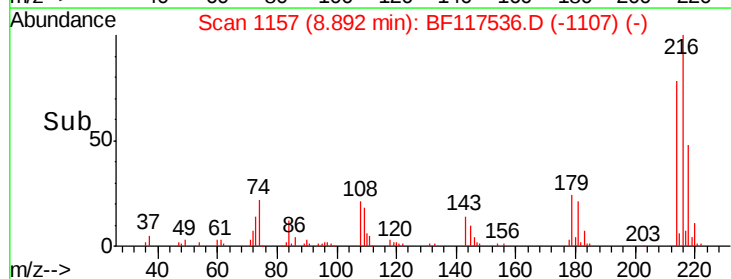
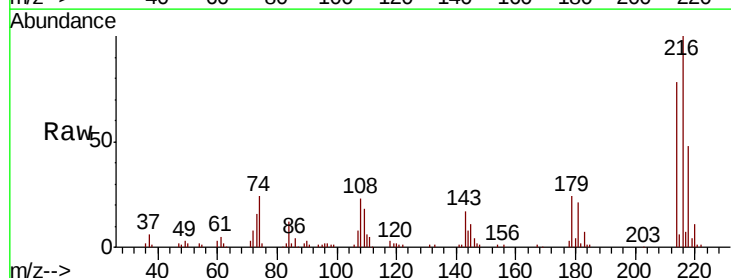
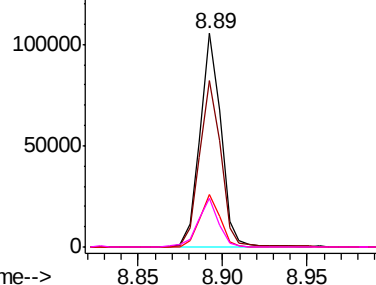
Abundance

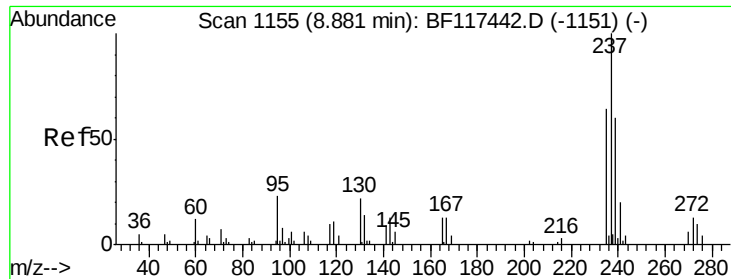
Ion 216.00 (215.70 to 216.70): E

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: 45.073 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

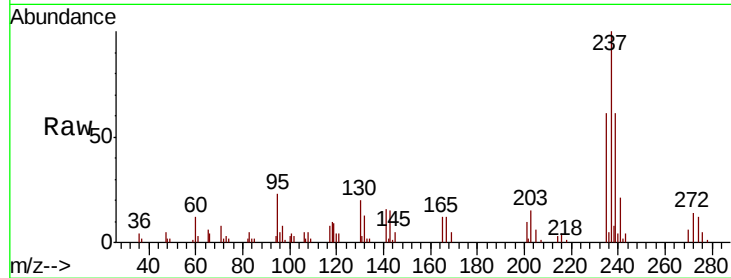
ClientSampleId :

802-00-(0-2)MS

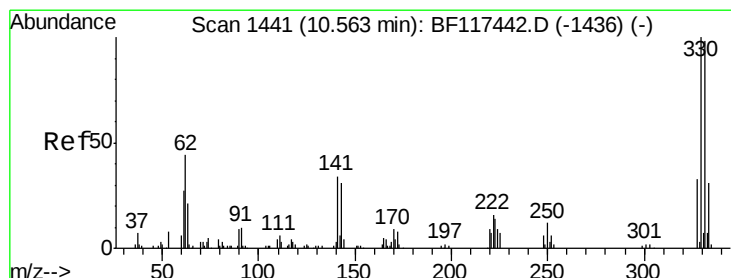
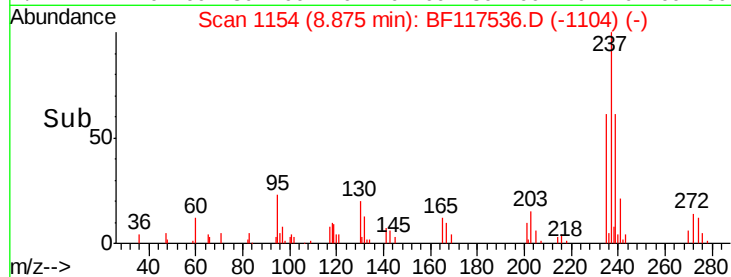
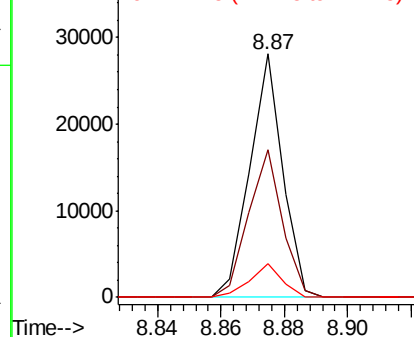
Tot Ion:	237	Resp:	20242
Ion Ratio	Lower	Upper	
237	100		
235	60.8	44.3	84.3
272	13.7	0.0	33.2

Manual Integrations
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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: 107.919 ng

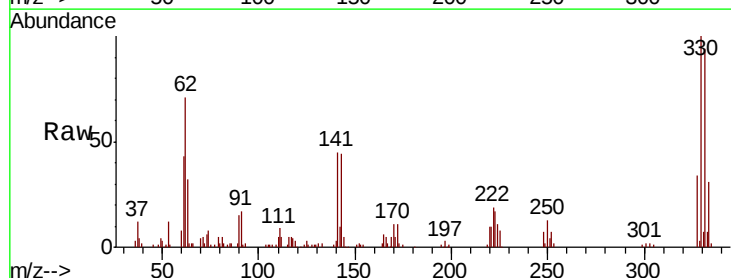
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

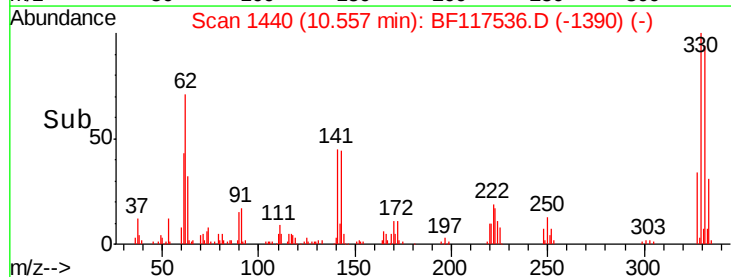
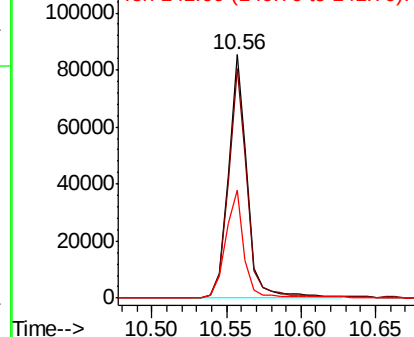
Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion:	330	Resp:	75946
Ion Ratio	Lower	Upper	
330	100		
332	93.9	78.5	117.7
141	43.0	37.0	55.6



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





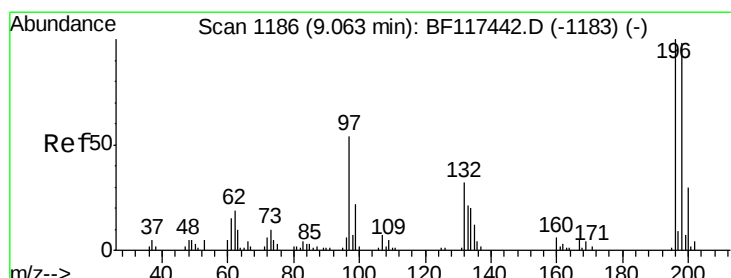
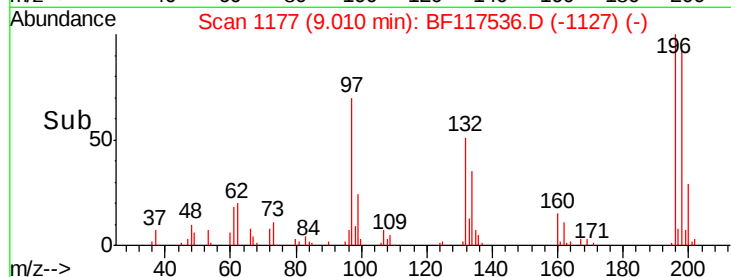
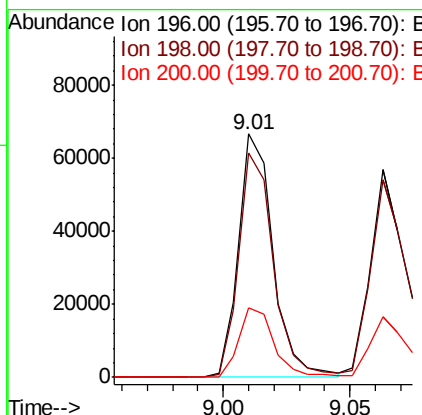
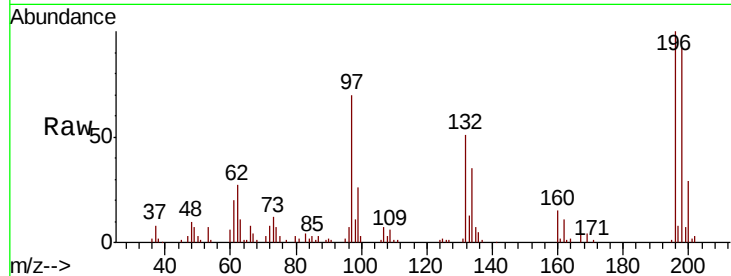
#43
 2,4,6-Trichlorophenol
 Concen: 46.160 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	63323		
198	92.1	74.1	111.1	
200	28.6	23.9	35.9	

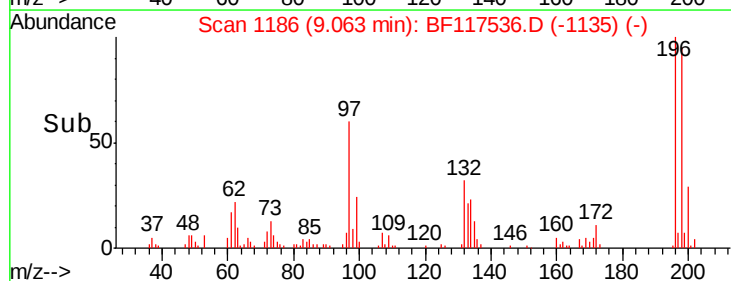
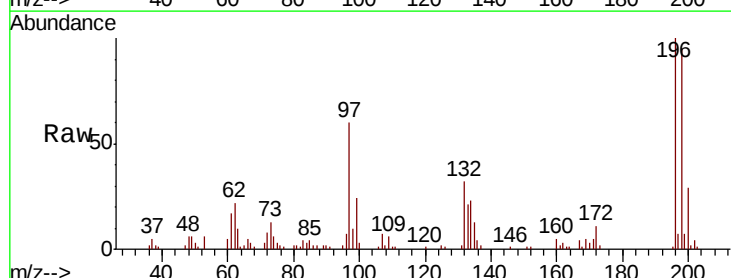
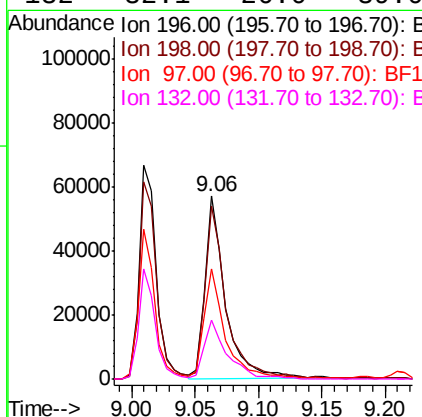
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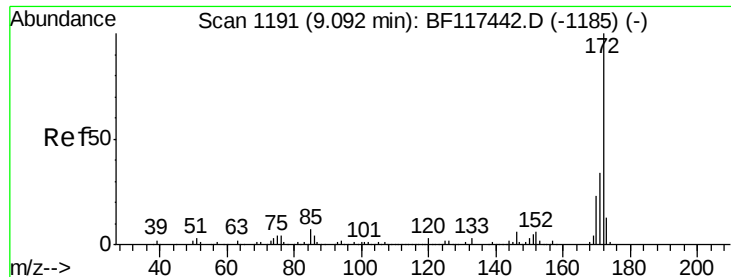
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#44
 2,4,5-Trichlorophenol
 Concen: 45.774 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	63629		
198	94.8	78.6	117.8	
97	60.2	43.4	65.2	
132	32.1	26.0	39.0	





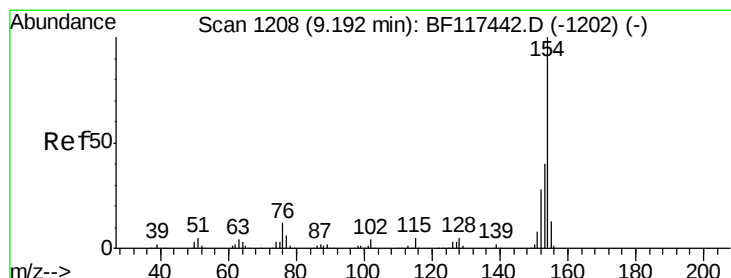
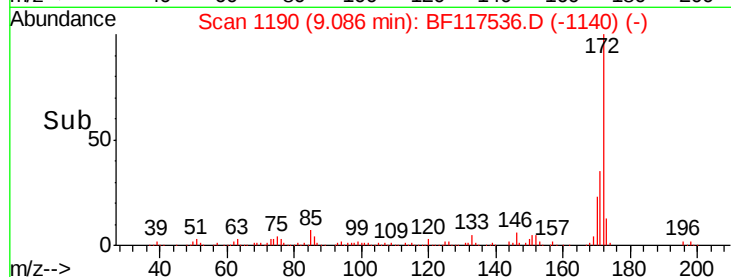
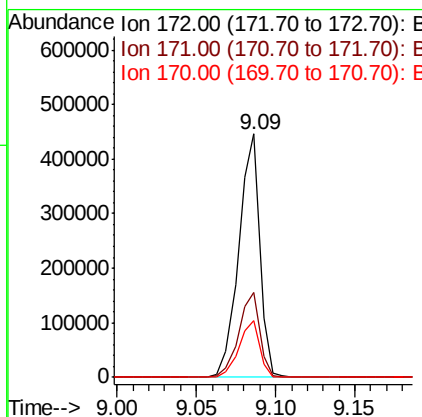
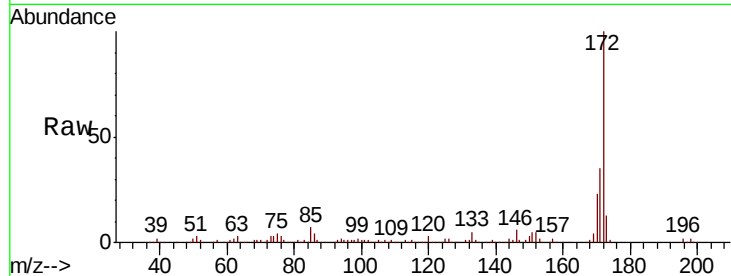
#45
2-Fluorobiphenyl
Concen: 71.179 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.5	41.3
170	23.2	18.6	27.8

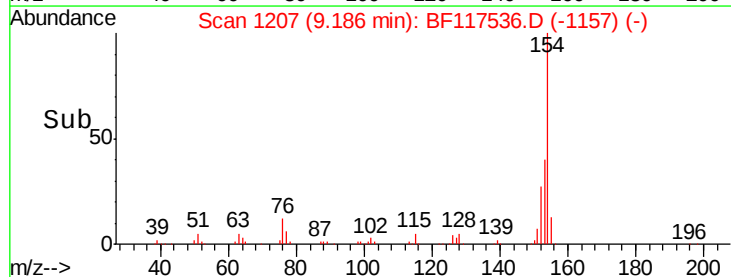
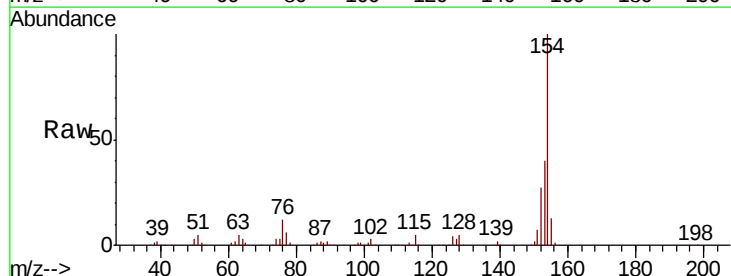
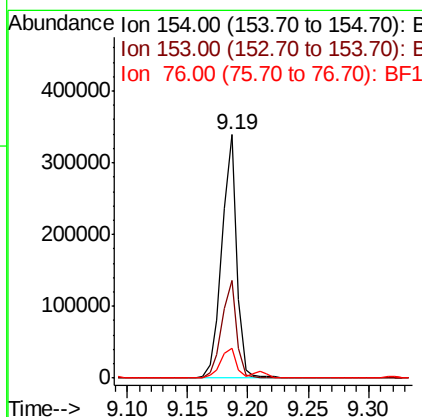
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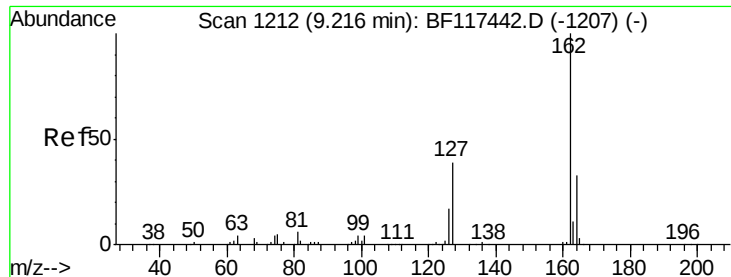
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#46
1,1'-Biphenyl
Concen: 42.592 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.2	60.2
76	12.0	0.0	32.1





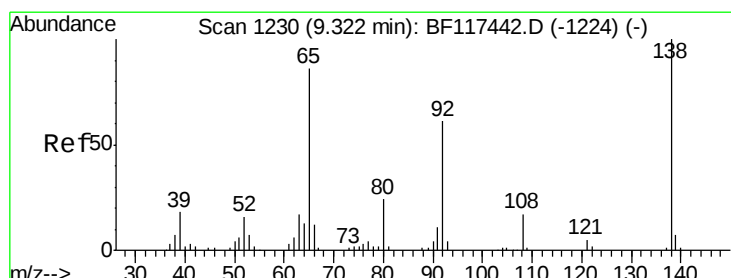
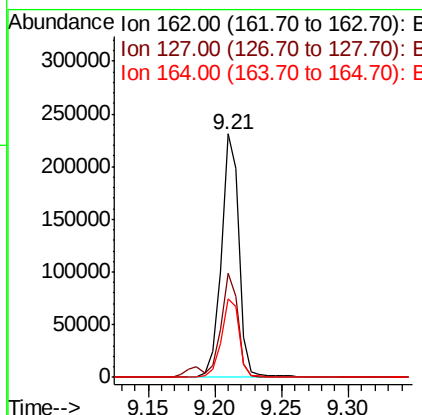
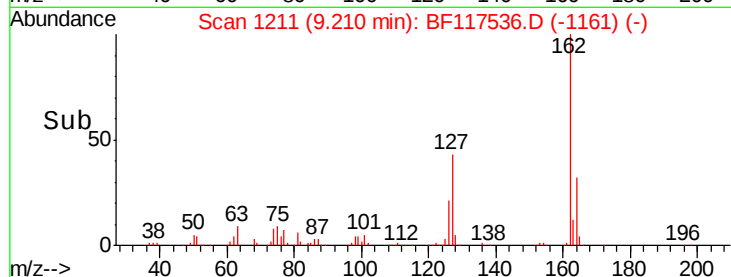
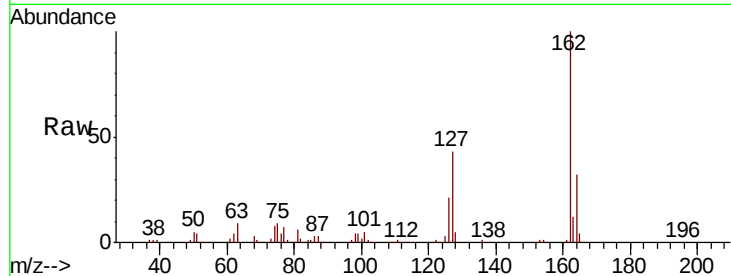
#47
 2-Chloronaphthalene
 Concen: 42.420 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion:	162	Resp:	215354
Ion Ratio	Lower	Upper	
162	100		
127	43.0	34.2	51.4
164	32.5	26.4	39.6

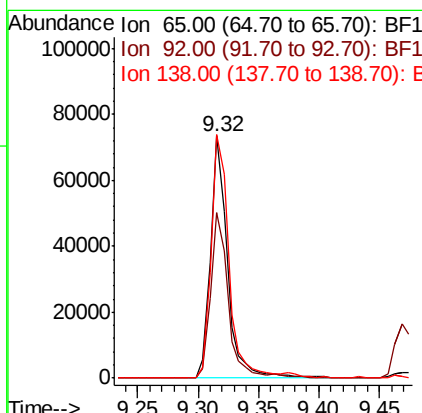
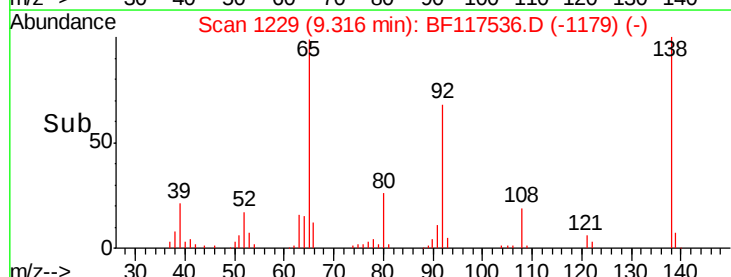
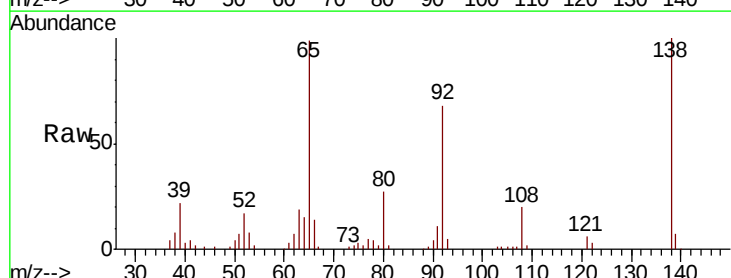
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#48
 2-Nitroaniline
 Concen: 42.761 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion:	65	Resp:	71264
Ion Ratio	Lower	Upper	
65	100		
92	68.4	57.3	85.9
138	100.6	93.3	139.9





#49

Acenaphthylene

Concen: 46.009 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

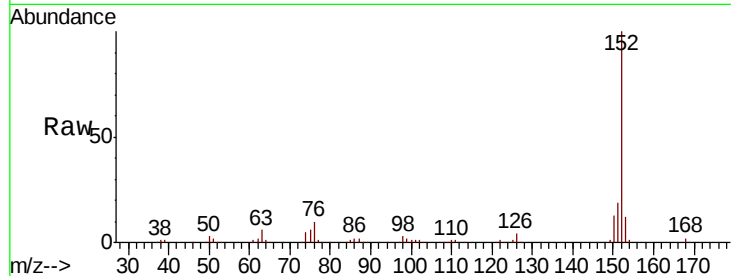
ClientSampleId :

802-00-(0-2)MS

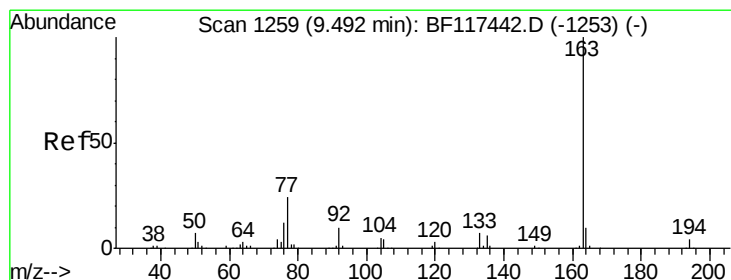
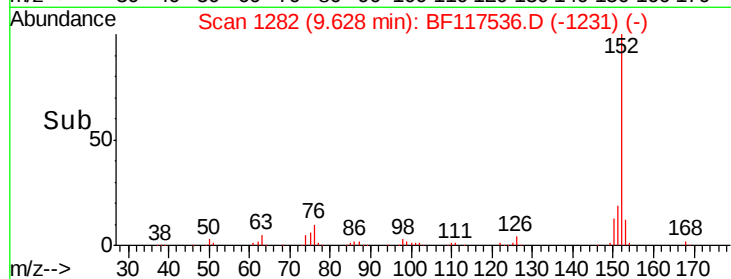
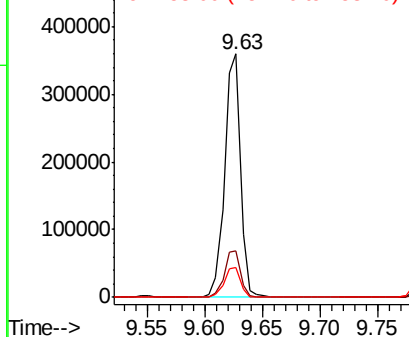
Tot Ion:	152	Resp:	343084
Ion Ratio	Lower	Upper	
152	100		
151	19.3	15.4	23.0
153	12.2	10.3	15.5

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



#50

Dimethylphthalate

Concen: 53.267 ng

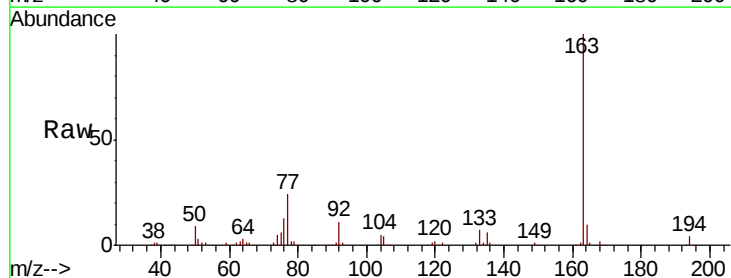
RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

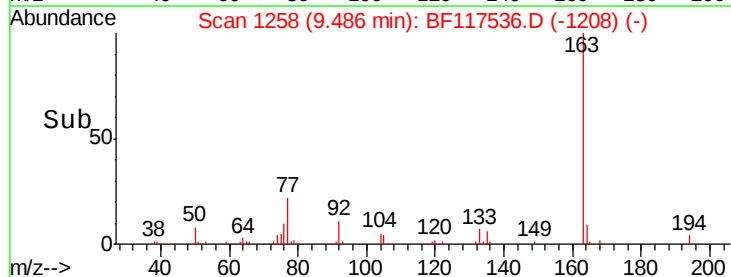
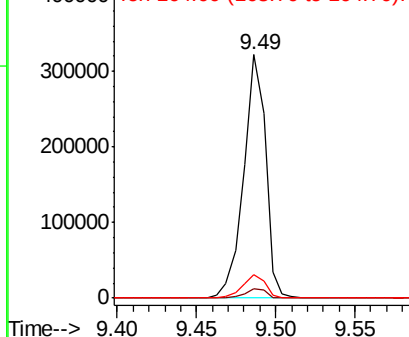
Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion:	163	Resp:	308847
Ion Ratio	Lower	Upper	
163	100		
194	3.9	2.9	4.3
164	9.6	8.2	12.2



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





#51

2,6-Dinitrotoluene

Concen: 45.882 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

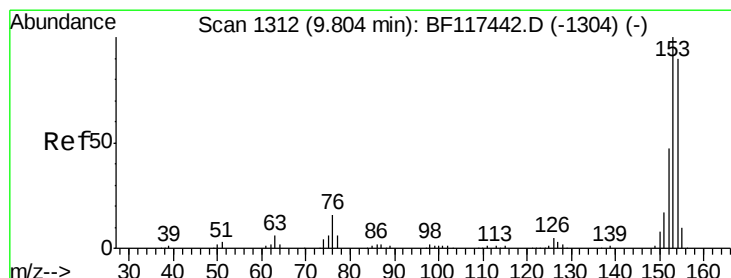
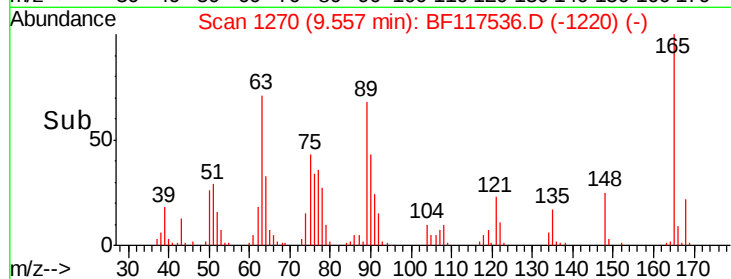
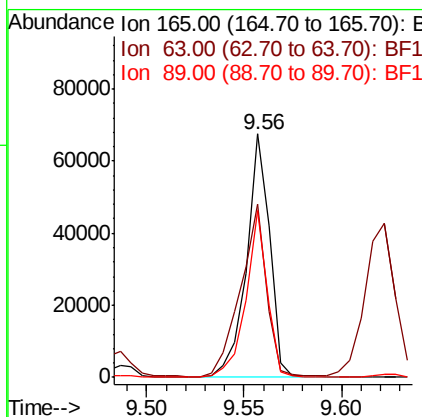
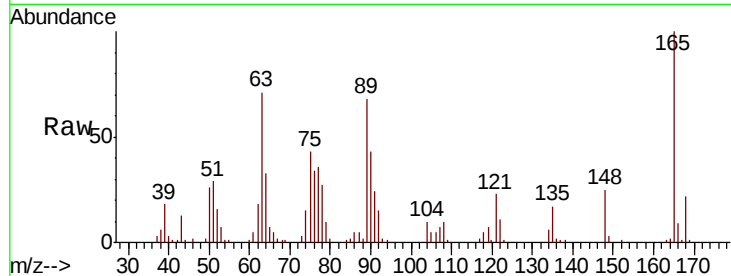
ClientSampleId :

802-00-(0-2)MS

Tot Ion:	165	Resp:	55513
Ion Ratio	Lower	Upper	
165	100		
63	71.2	43.8	65.8#
89	68.3	47.6	71.4

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#52

Acenaphthene

Concen: 44.025 ng

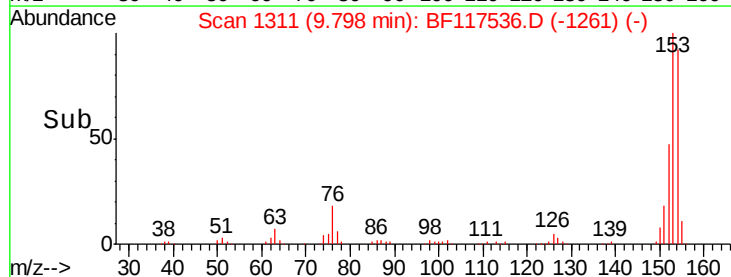
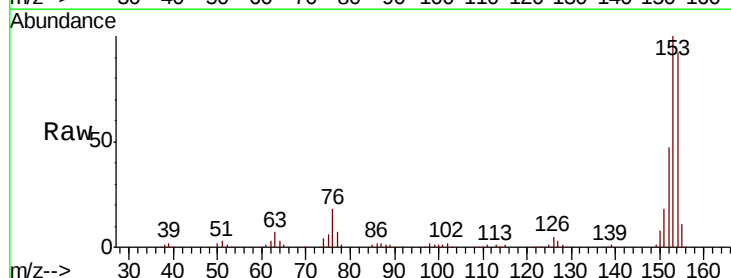
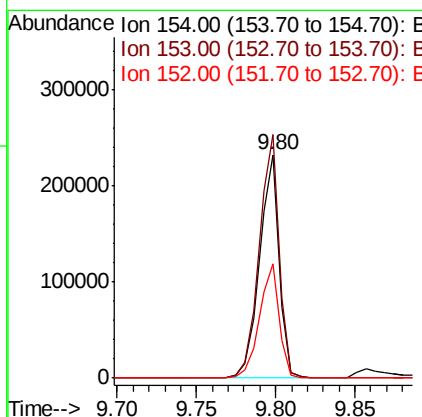
RT: 9.80 min Scan# 1311

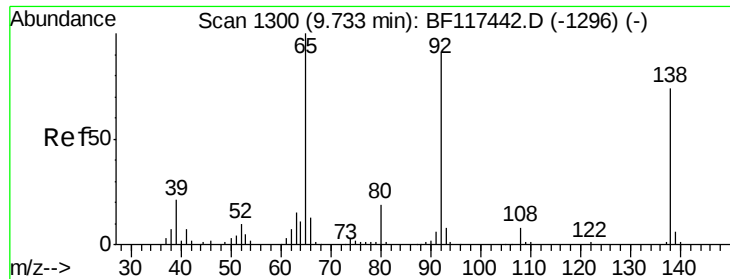
Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion:	154	Resp:	201413
Ion Ratio	Lower	Upper	
154	100		
153	109.1	89.2	133.8
152	51.4	41.8	62.6





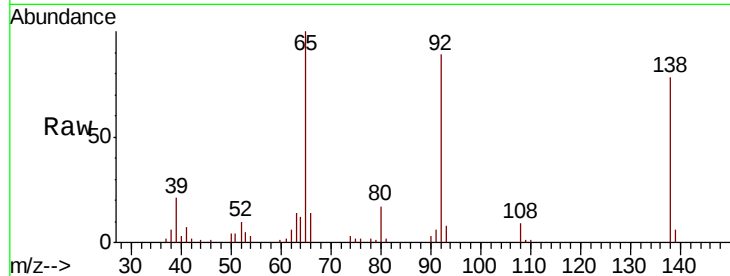
#53
3-Nitroaniline
Concen: 19.928 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

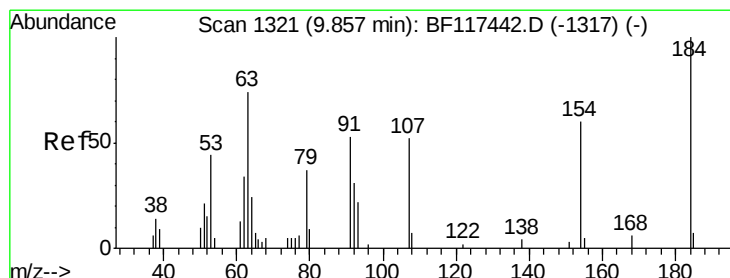
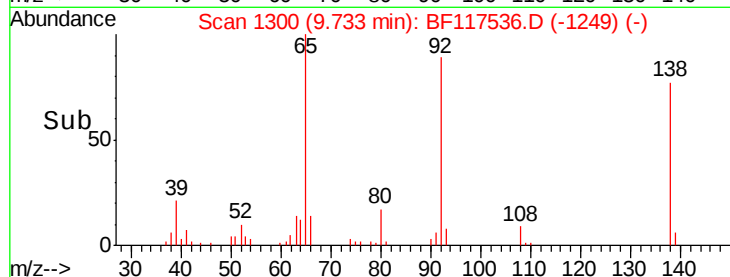
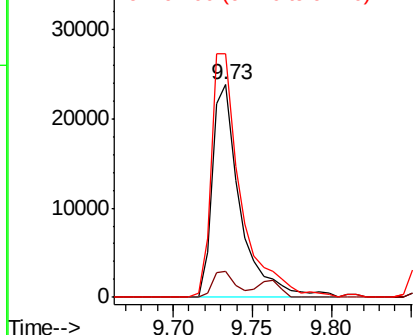
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.1	8.7	13.1
92	114.4	98.4	147.6

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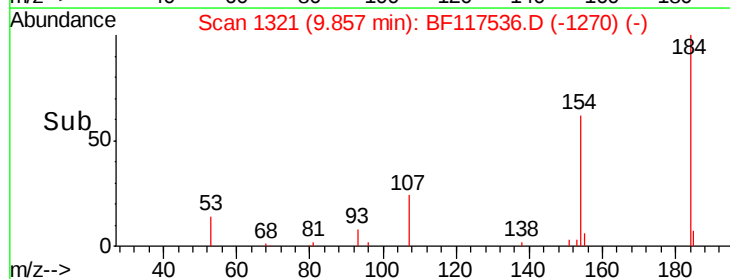
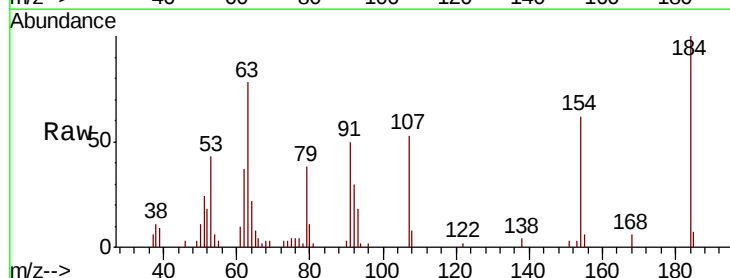
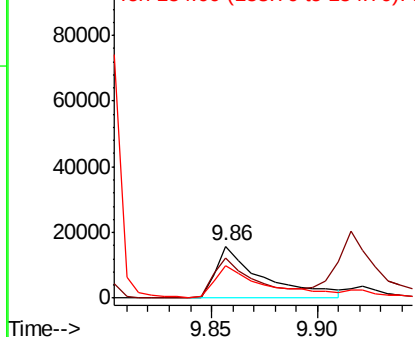
Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

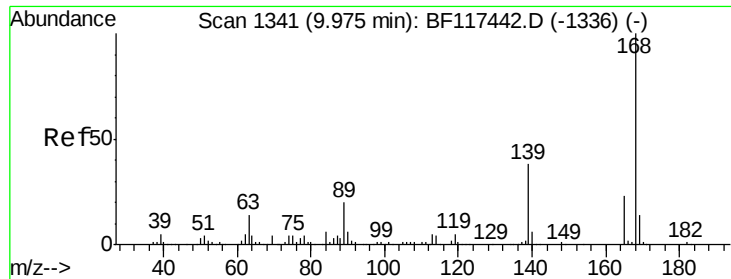


#54
2,4-Dinitrophenol
Concen: 50.137 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.3	59.2	88.8
154	62.4	53.4	80.0

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





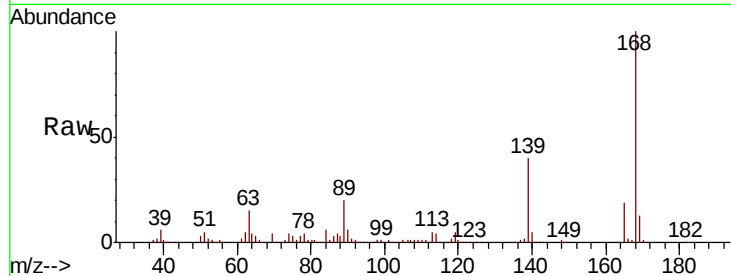
#55
Dibenzofuran
Concen: 45.593 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.8	47.6
169	12.9	11.2	16.8

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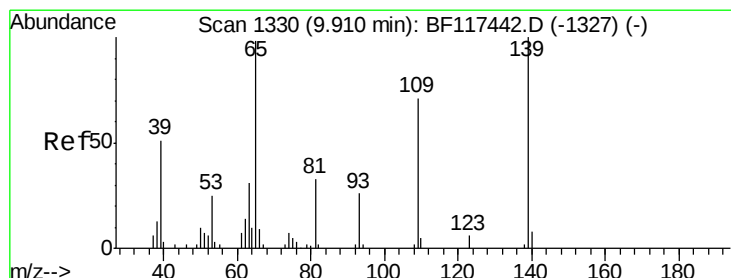
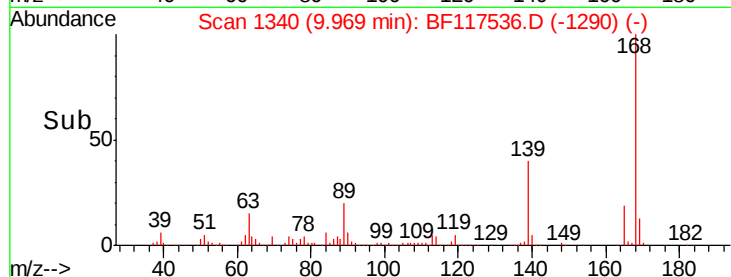
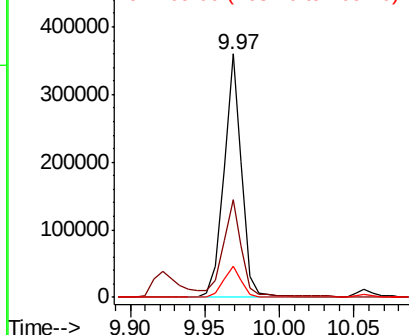


Abundance

Ion 168.00 (167.70 to 168.70): E

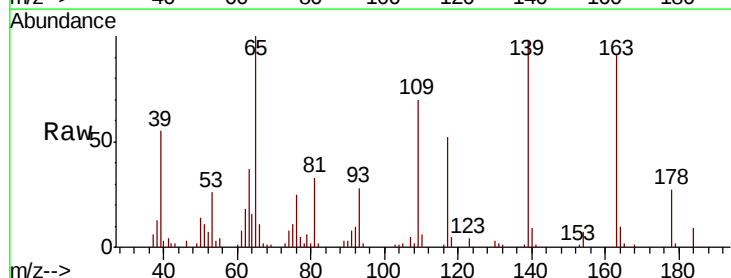
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 77.075 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
139	100		
109	70.9	51.4	91.4
65	102.0	79.4	119.4

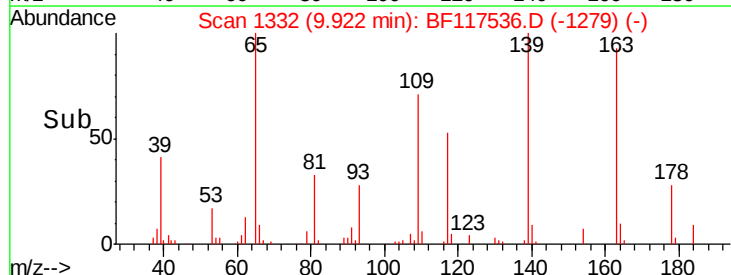
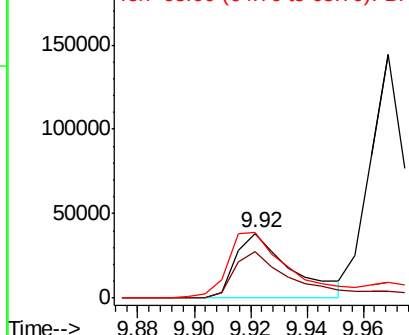


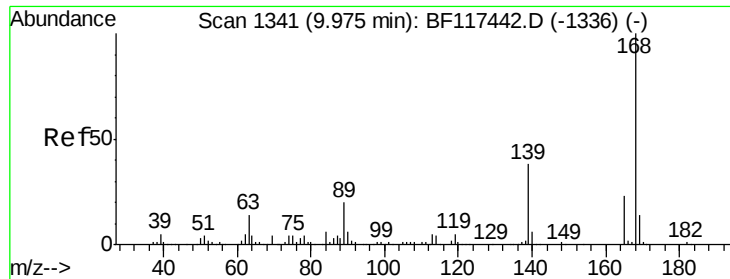
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





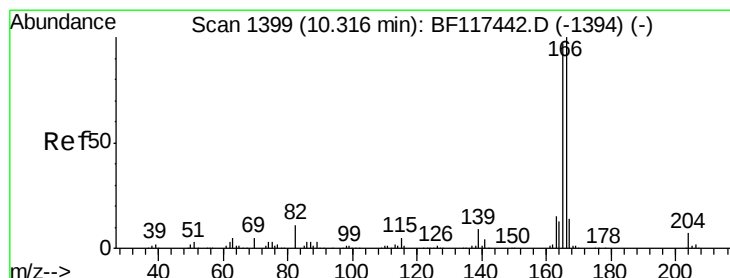
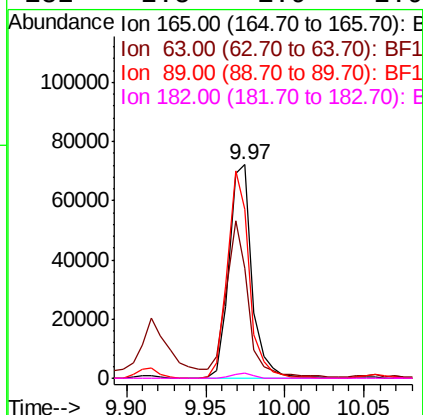
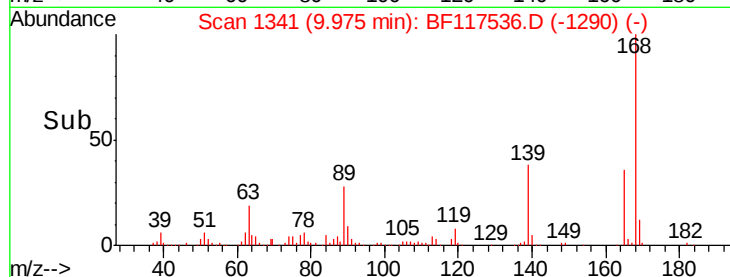
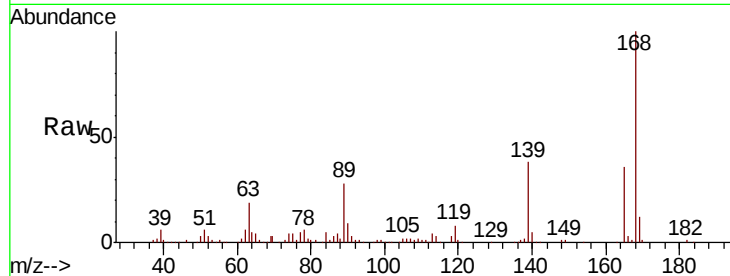
#57
2,4-Dinitrotoluene
Concen: 45.042 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	51.6	51.4	77.0
89	79.0	69.9	104.9
182	2.5	1.9	2.9

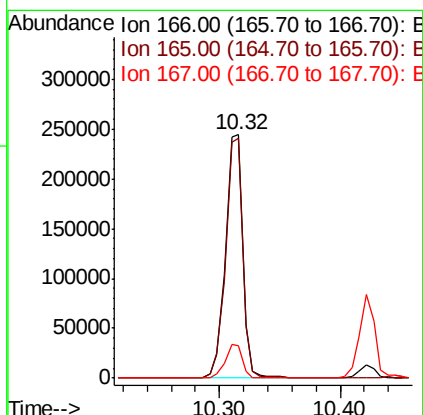
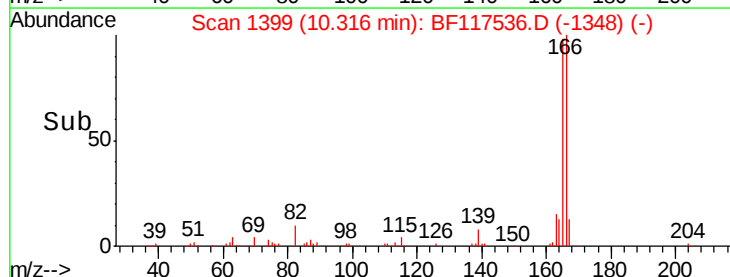
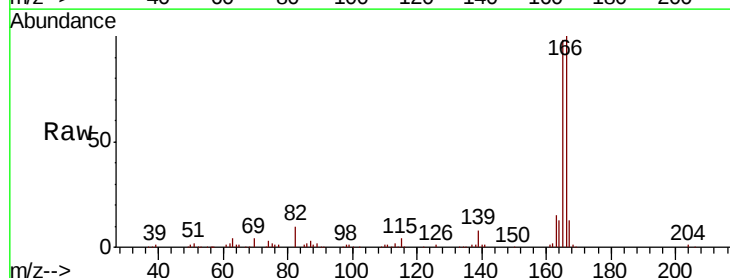
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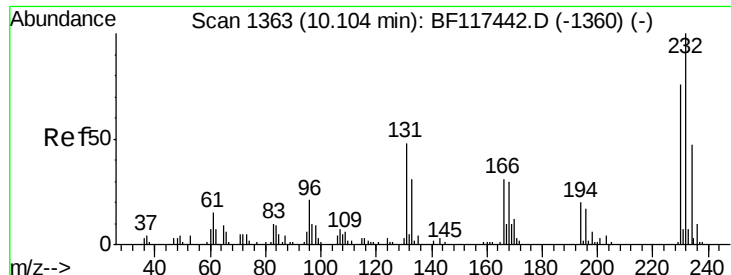
mohammad
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#58
Fluorene
Concen: 44.404 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.6	116.4
167	13.1	11.0	16.4





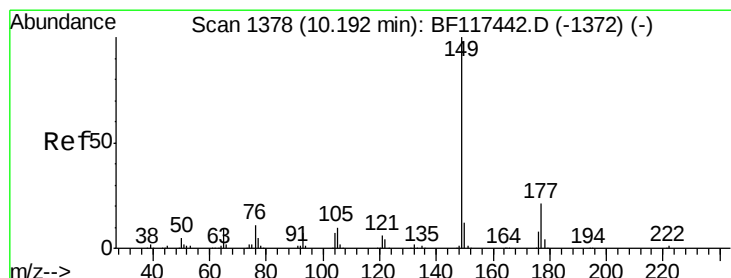
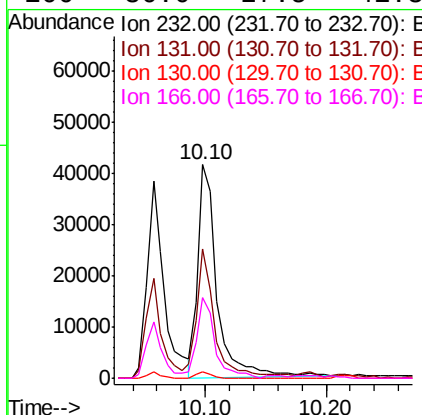
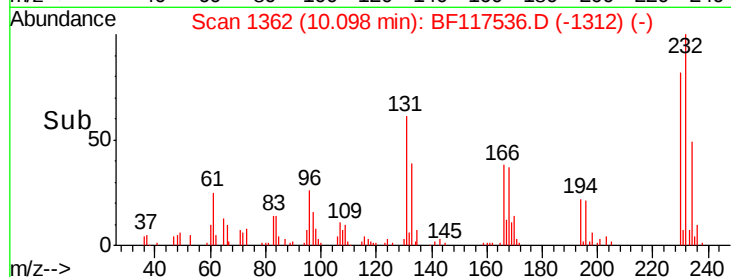
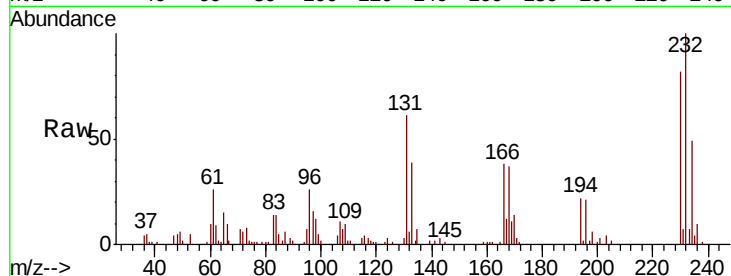
#59
2,3,4,6-Tetrachlorophenol
Concen: 42.469 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
232	100		
131	58.7	42.6	63.8
130	2.2	2.2	3.4
166	36.0	27.5	41.3

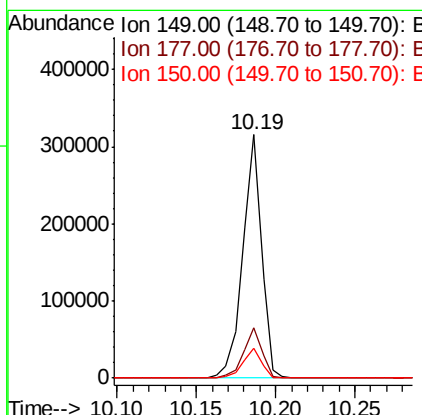
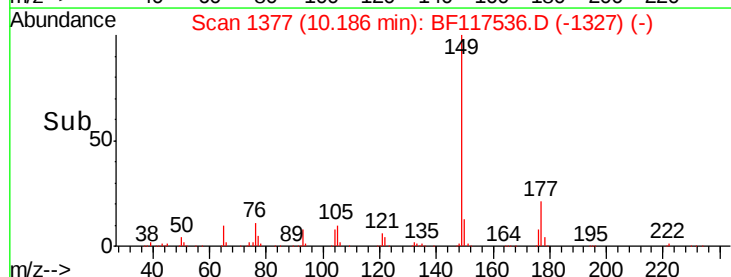
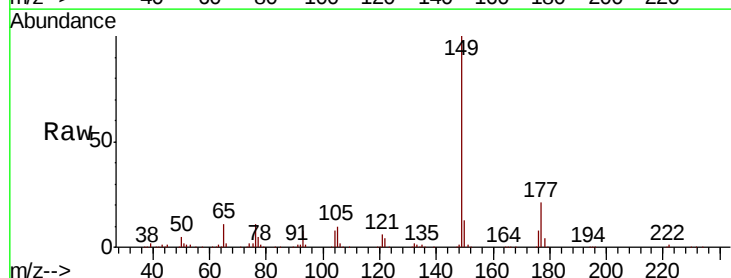
Manual Integrations
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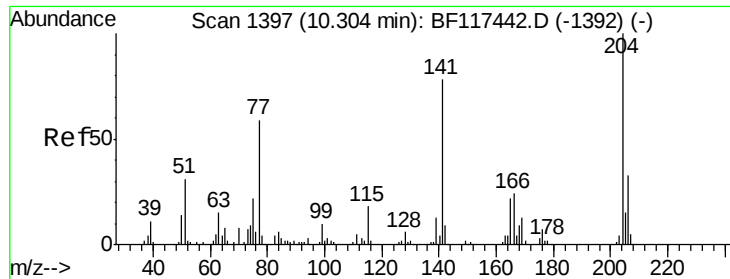
mohammad
10/30/2019 4:50:44 PM



#60
Diethylphthalate
Concen: 44.153 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.9	17.0	25.4
150	12.5	9.8	14.6





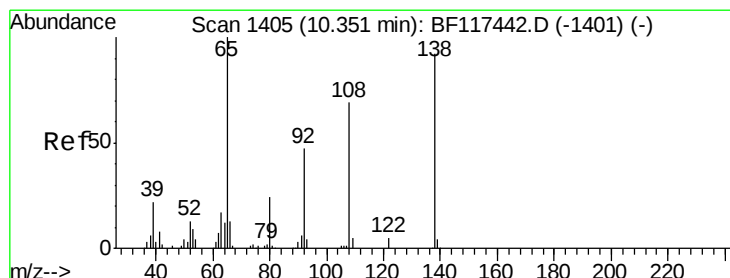
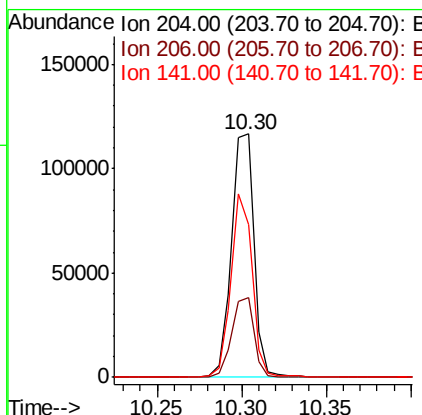
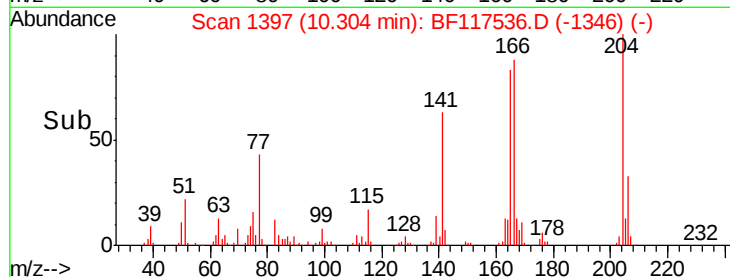
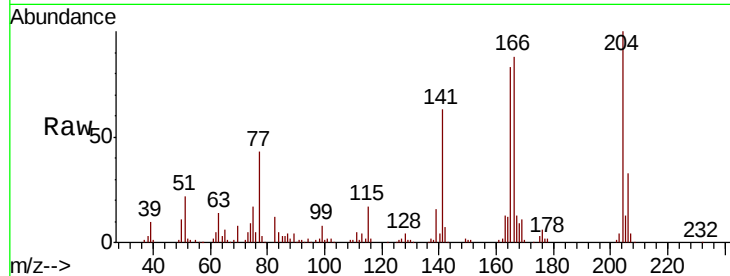
#61
4-Chlorophenyl-phenylether
Concen: 43.898 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.3	39.5
141	62.5	62.2	93.4

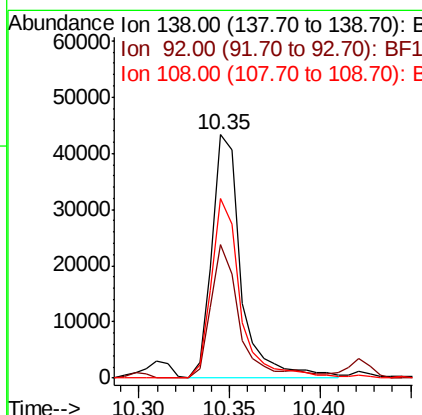
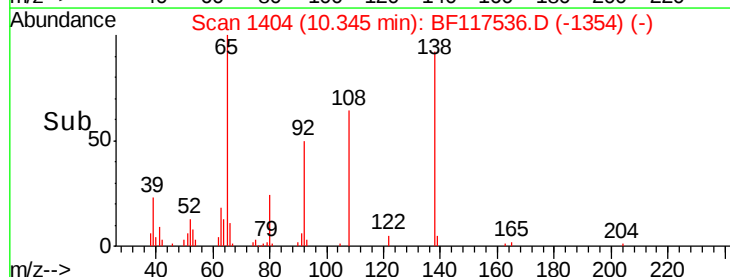
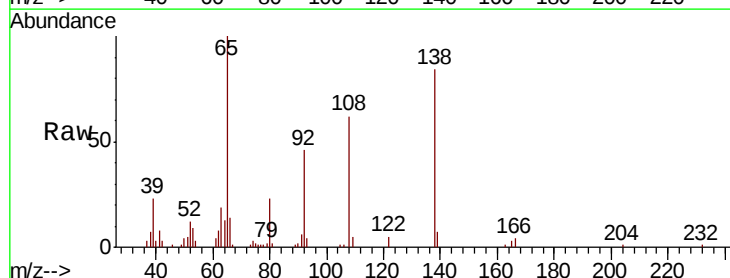
Manual Integrations
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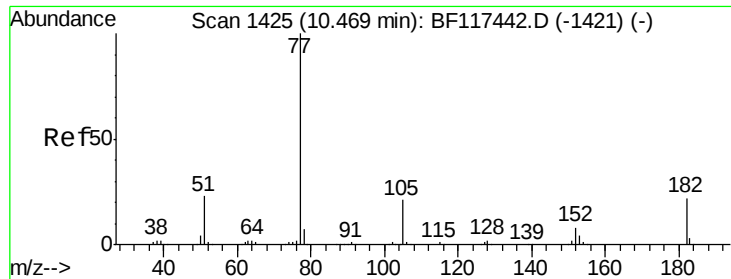
mohammad
10/30/2019 4:50:44 PM



#62
4-Nitroaniline
Concen: 35.336 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.8	30.3	70.3
108	73.6	54.9	94.9





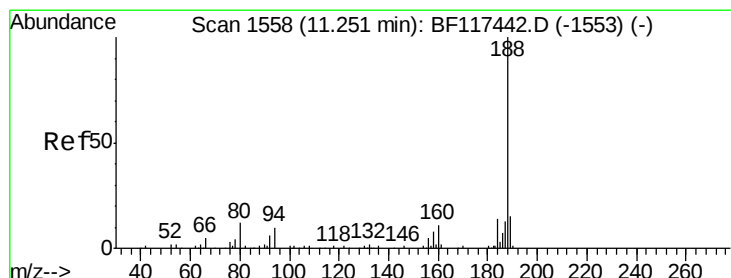
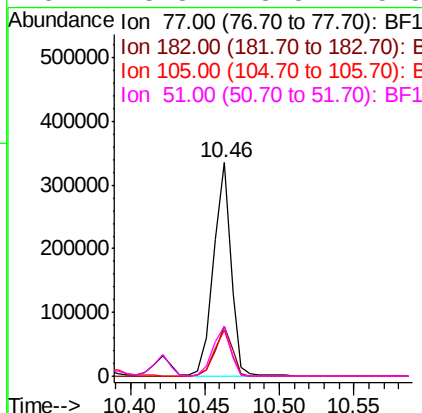
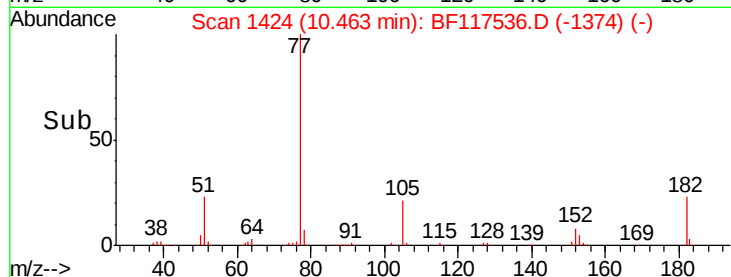
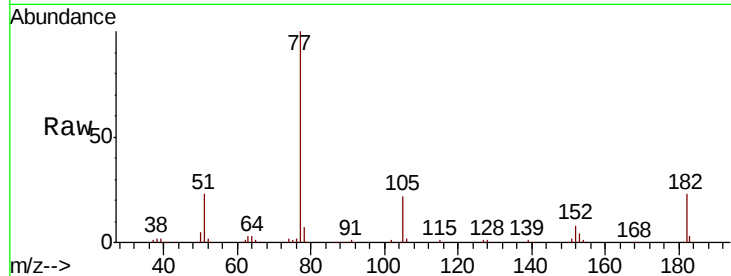
#63
Azobenzene
Concen: 45.191 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		271302		
182	23.2	2.3	42.3		
105	21.7	1.3	41.3		
51	23.3	3.5	43.5		

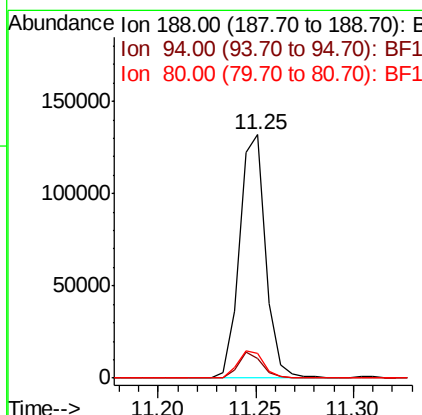
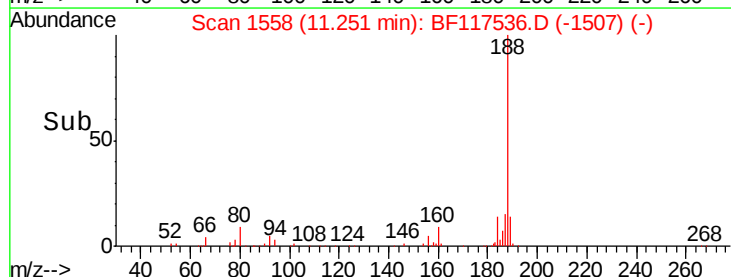
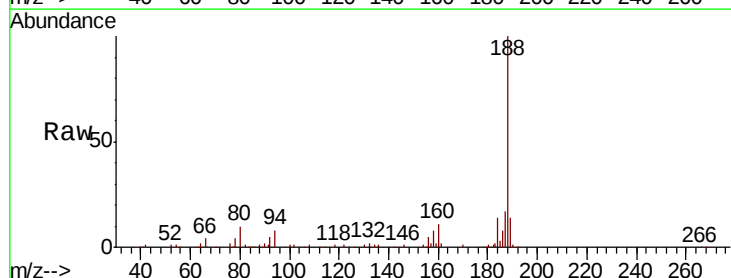
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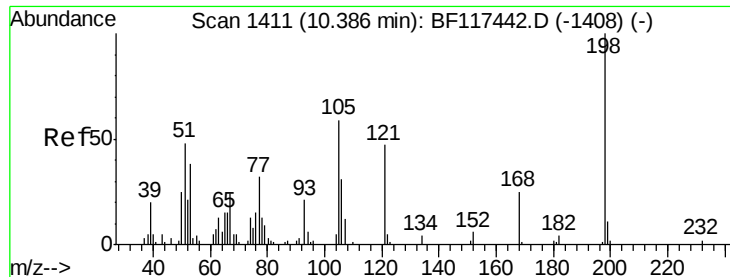
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		122366		
94	8.2	8.0	12.0		
80	10.0	9.5	14.3		





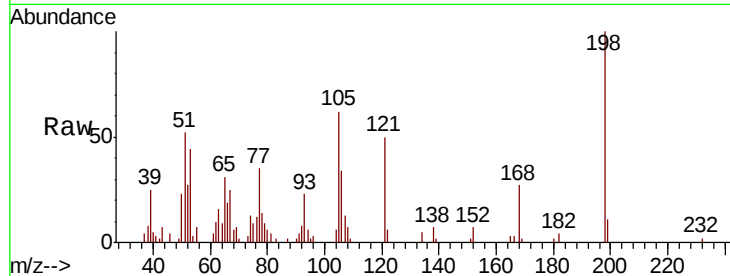
#65
4,6-Dinitro-2-methylphenol
Concen: 35.370 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	52.4	29.1	69.1
105	61.7	39.4	79.4

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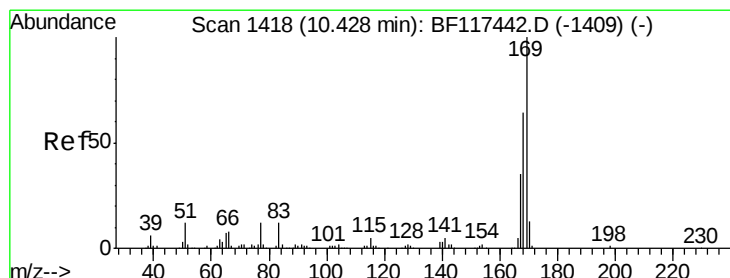
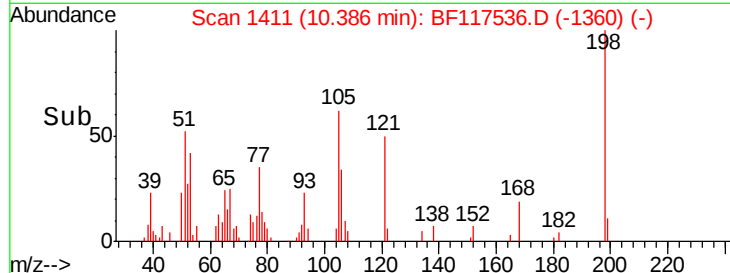
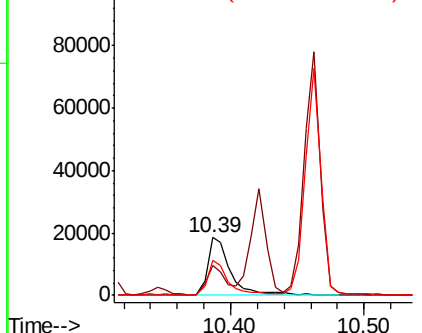


Abundance

Ion 198.00 (197.70 to 198.70): E

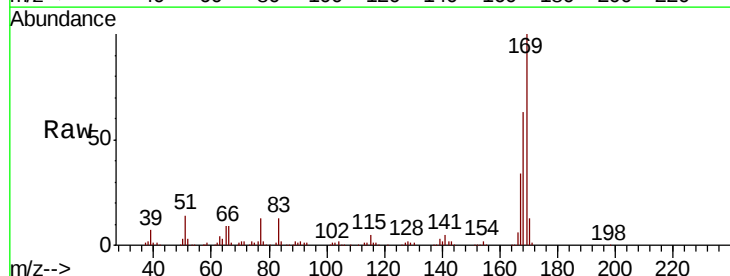
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
n-Nitrosodiphenylamine
Concen: 47.708 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
169	100		
168	63.5	51.3	76.9
167	34.0	28.2	42.4

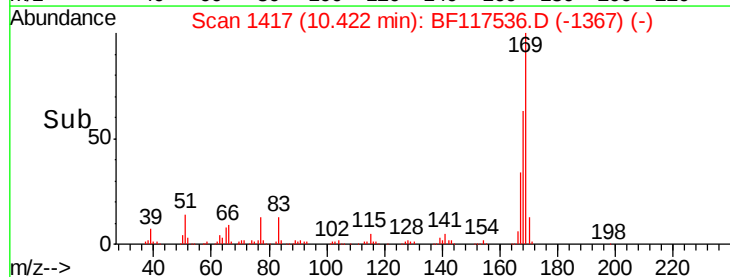
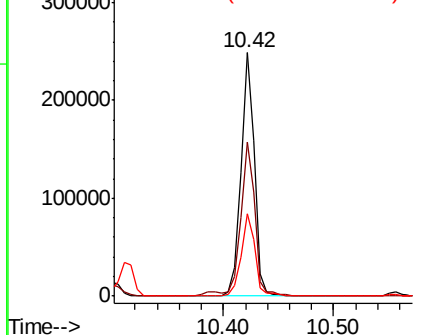


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 45.439 ng

RT: 10.79 min Scan# 1480

Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

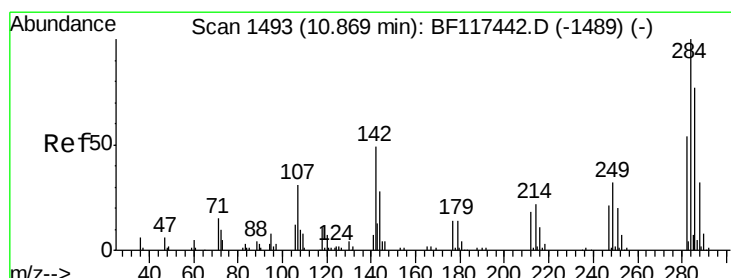
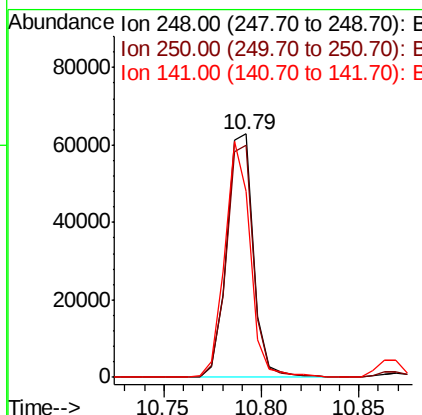
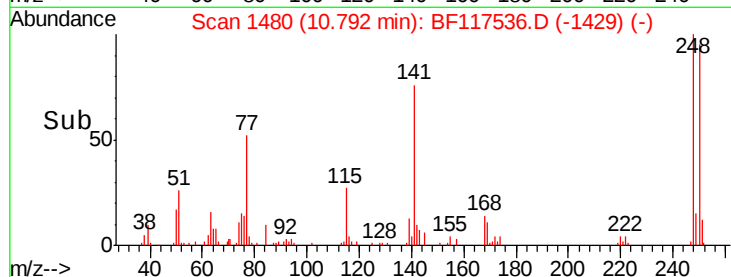
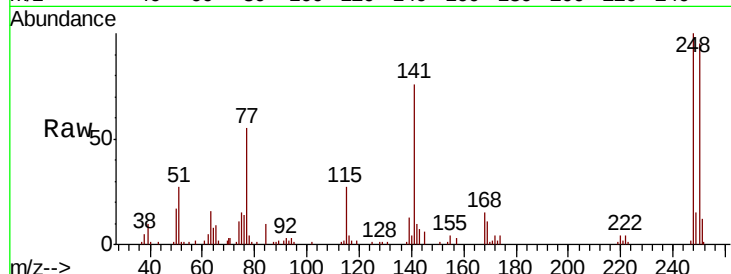
ClientSampleId :

802-00-(0-2)MS

Tot Ion:	248	Resp:	59890
Ion Ratio	Lower	Upper	
248	100		
250	95.2	78.0	117.0
141	76.4	81.7	122.5#

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#68

Hexachlorobenzene

Concen: 43.144 ng

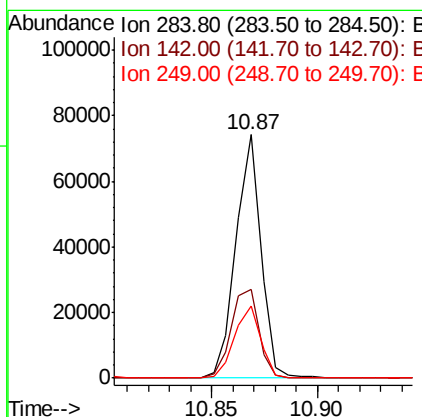
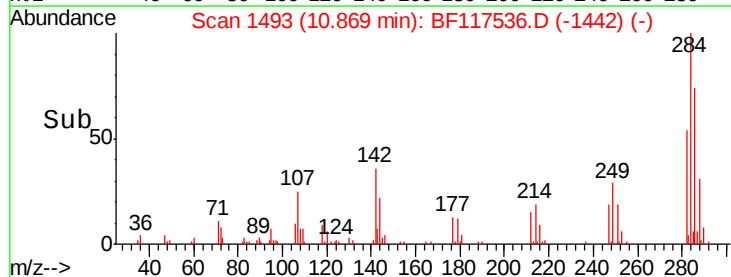
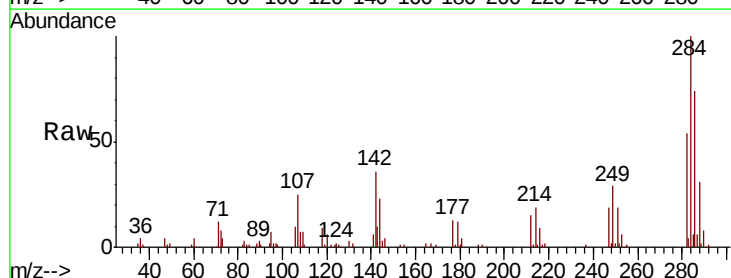
RT: 10.87 min Scan# 1493

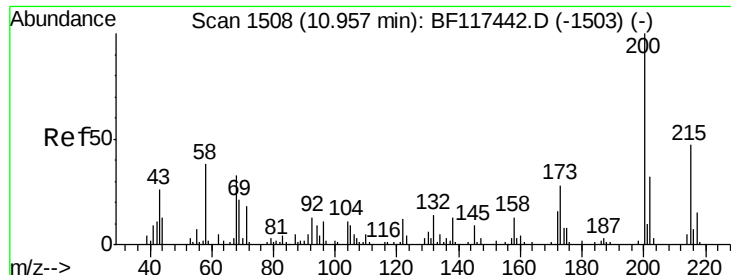
Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion:	284	Resp:	60899
Ion Ratio	Lower	Upper	
284	100		
142	36.4	39.0	58.6#
249	29.5	25.7	38.5





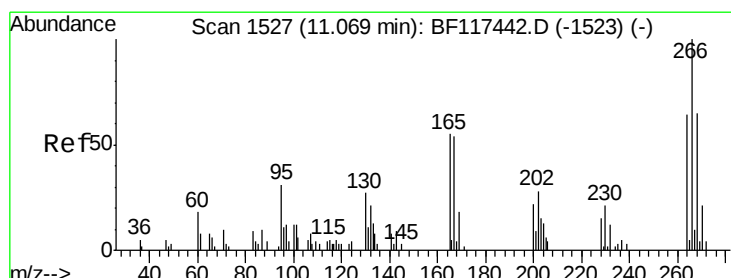
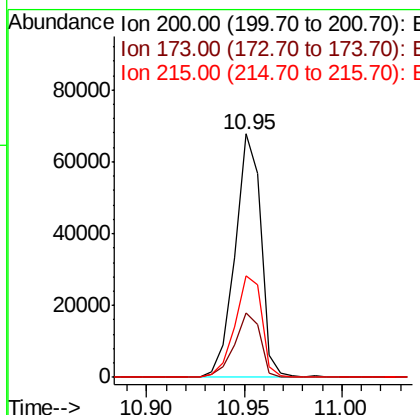
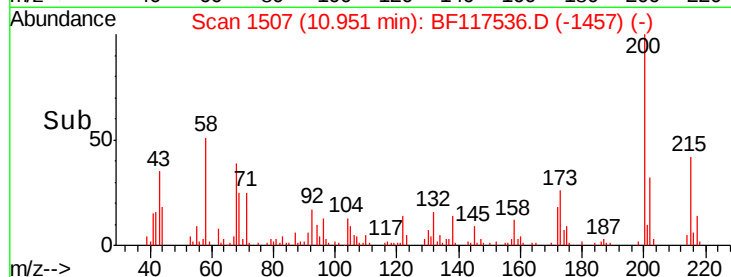
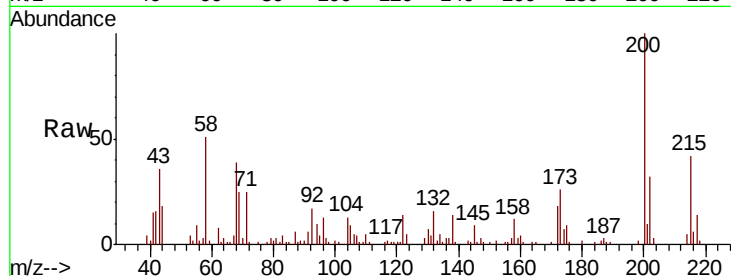
#69
Atrazine
Concen: 54.700 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.3	8.2	48.2
215	41.9	26.8	66.8

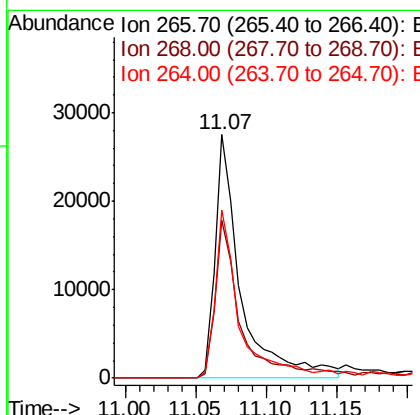
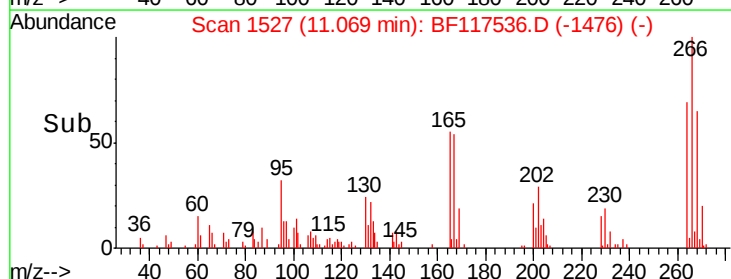
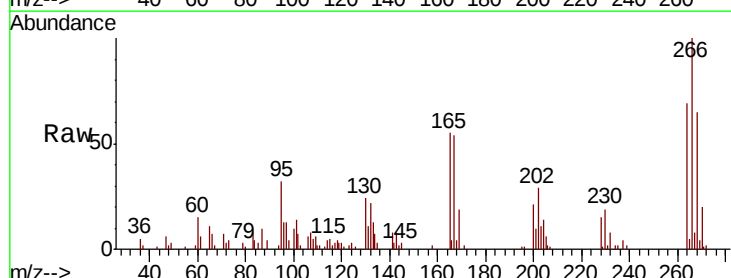
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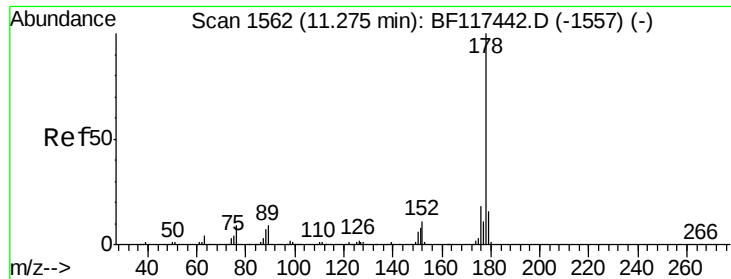
mohammad
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#70
Pentachlorophenol
Concen: 82.744 ng
RT: 11.07 min Scan# 1527
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.6	77.4
264	68.9	51.4	77.2





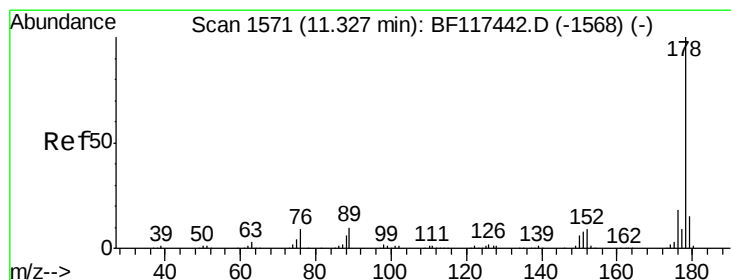
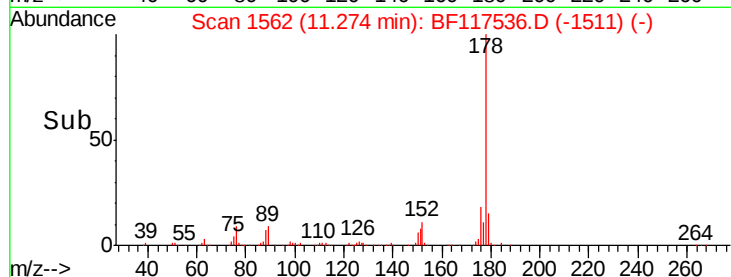
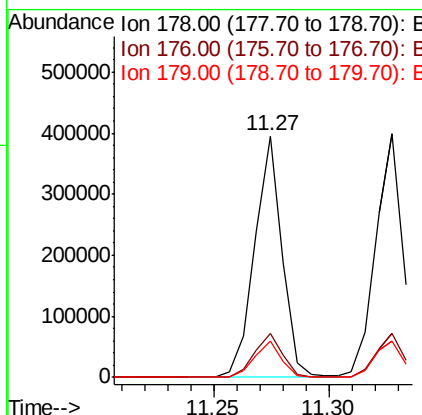
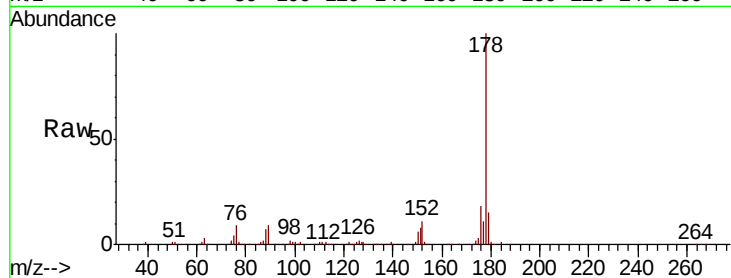
#71
Phenanthrene
Concen: 46.418 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.0	12.6	19.0

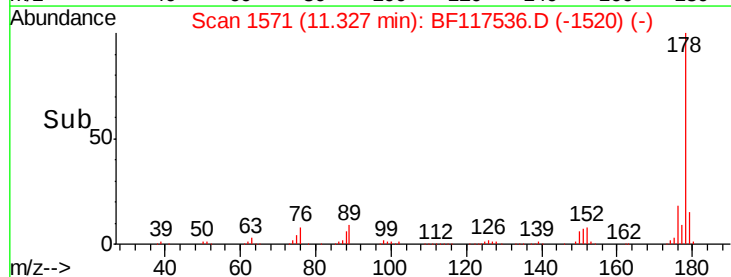
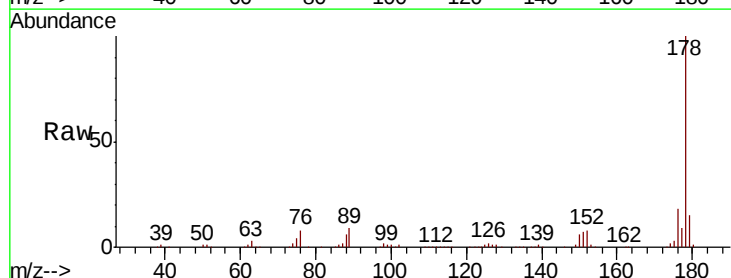
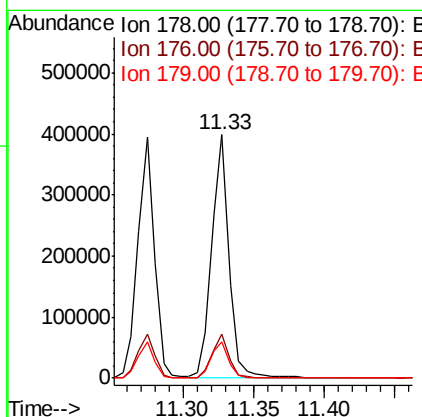
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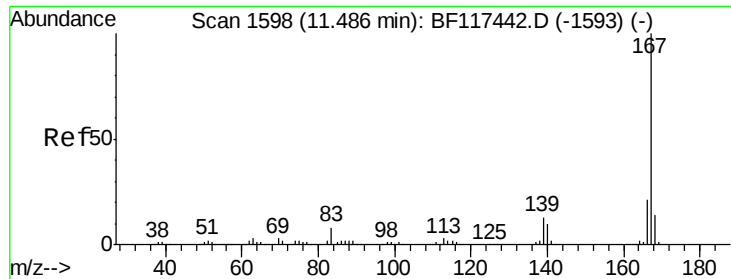
mohammad
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#72
Anthracene
Concen: 46.298 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.1	12.2	18.2





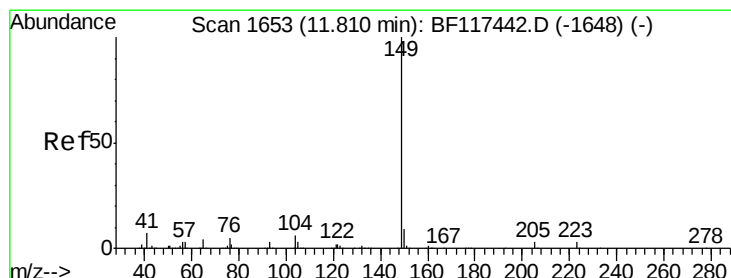
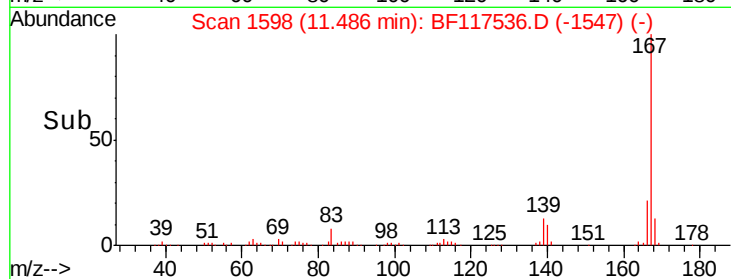
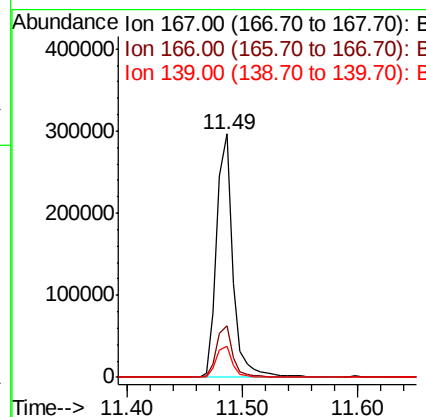
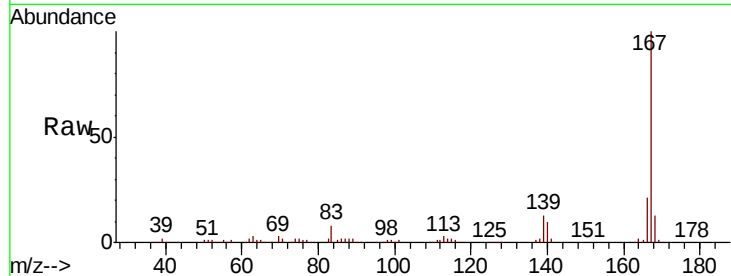
#73
 Carbazole
 Concen: 43.716 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	21.4		17.0	25.6	
139	12.7		10.6	16.0	

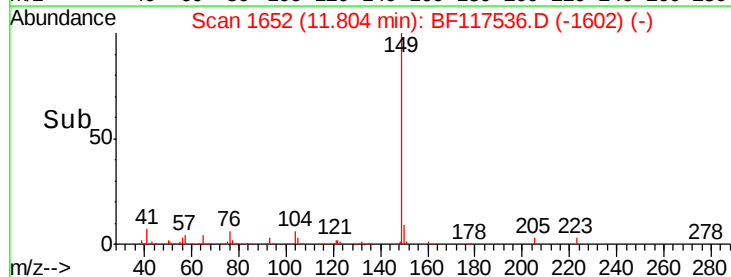
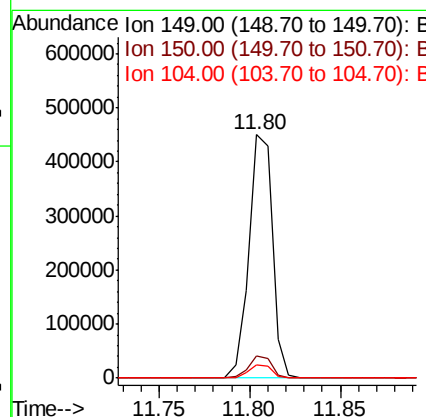
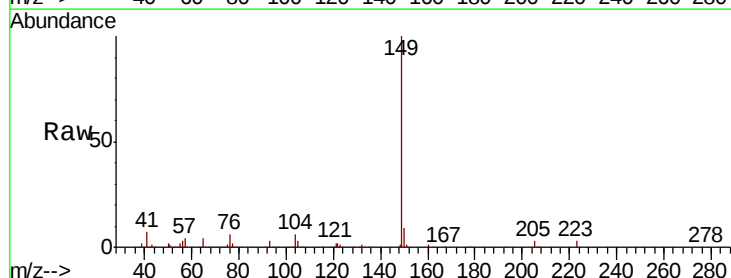
Manual Integrations
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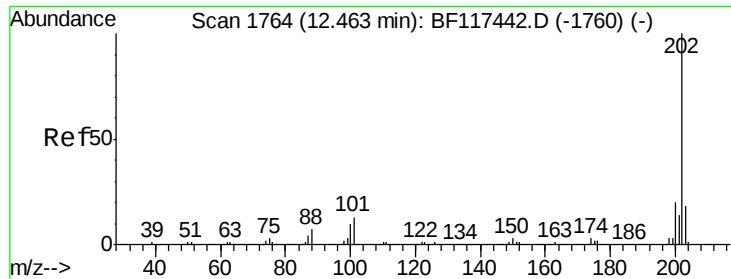
mohammad
 10/30/2019 4:50:44 PM



#74
 Di-n-butylphthalate
 Concen: 45.663 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	8.9		7.5	11.3	
104	5.6		4.6	6.8	





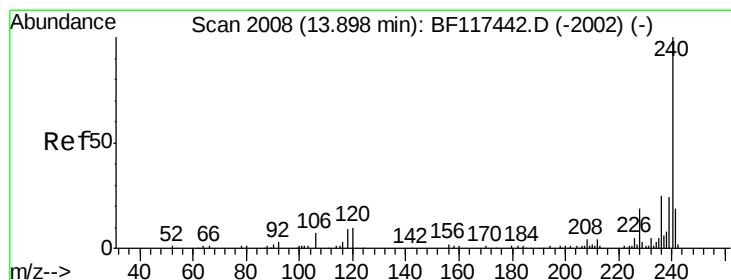
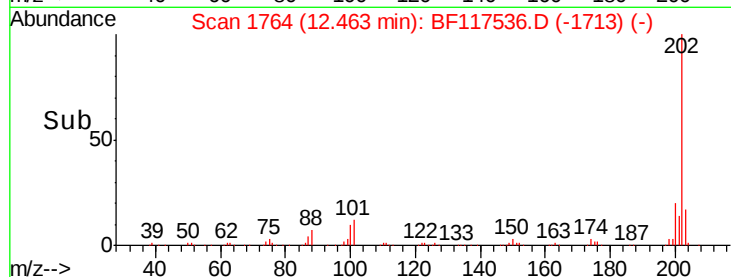
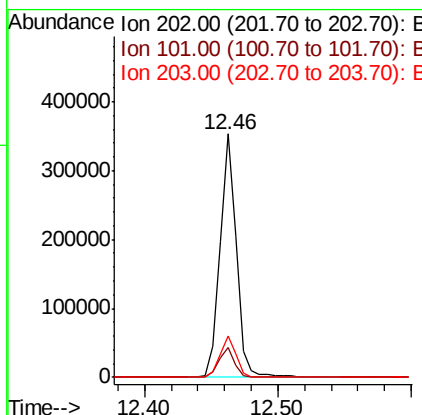
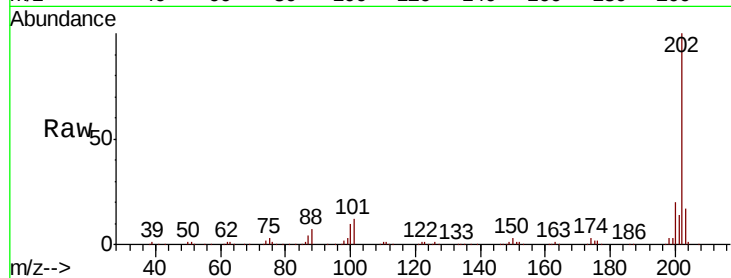
#75
 Fluoranthene
 Concen: 43.222 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. -0.00 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	12.3	0.0	32.7
203	17.2	0.0	37.6

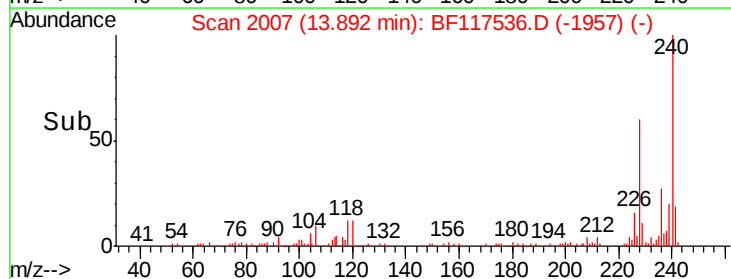
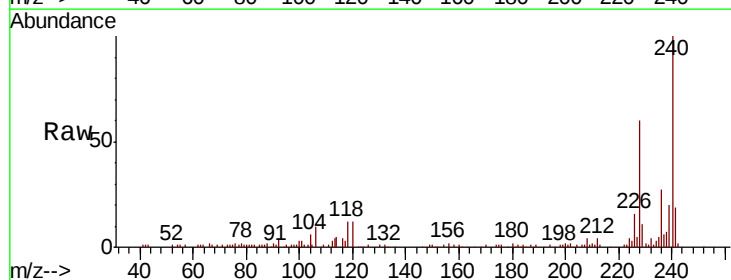
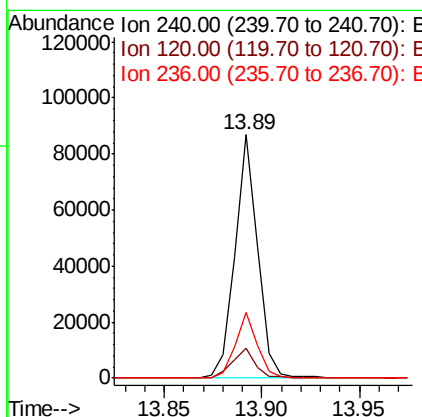
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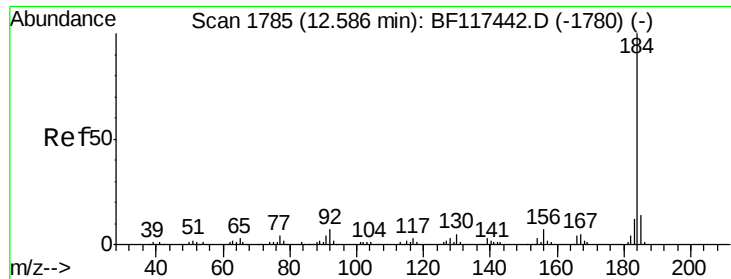
mohammad
 10/30/2019 4:50:44 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	12.0	8.4	12.6
236	26.8	20.0	30.0





#77

Benzidine

Concen: Below Cal

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

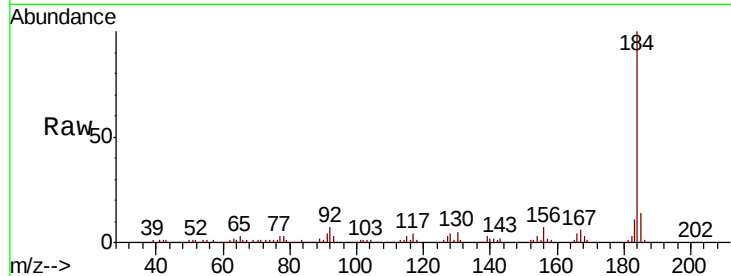
ClientSampleId :

802-00-(0-2)MS

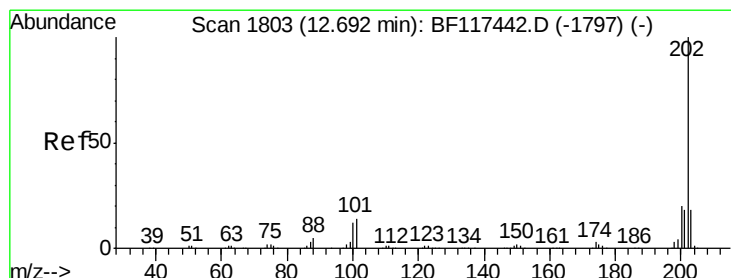
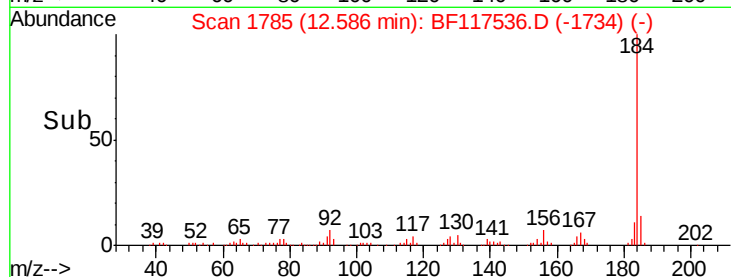
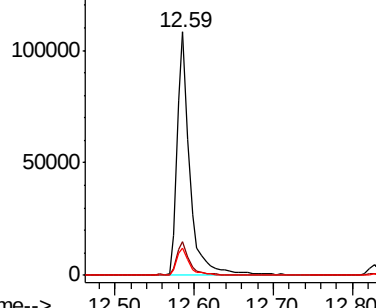
Tot Ion	184	Resp	121455
Ion Ratio	Lower	Upper	
184	100		
185	13.6	11.4	17.0
183	11.2	9.6	14.4

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 50.423 ng

RT: 12.69 min Scan# 1803

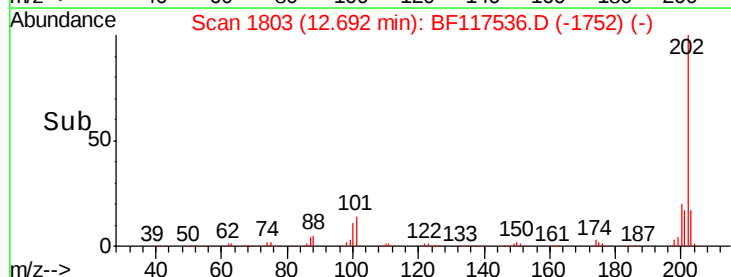
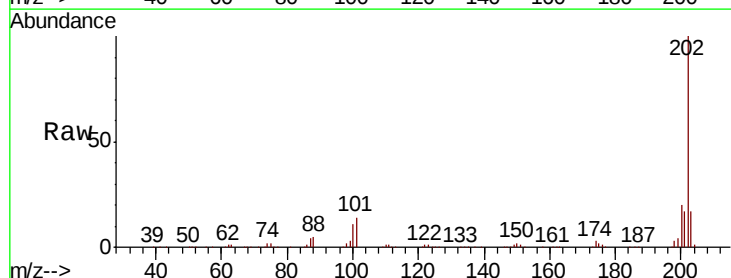
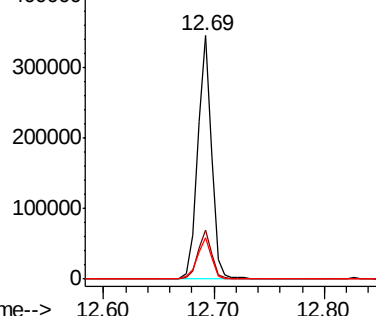
Delta R.T. -0.00 min

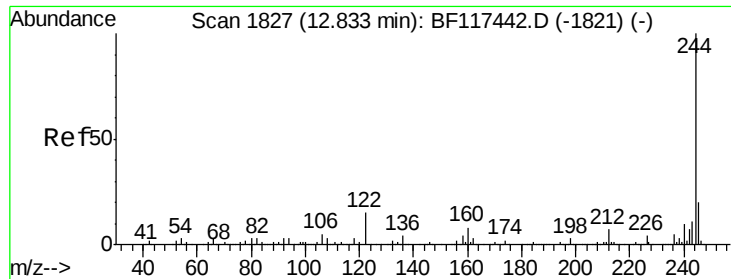
Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion	202	Resp	303662
Ion Ratio	Lower	Upper	
202	100		
200	20.1	16.2	24.2
203	17.1	14.0	21.0

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





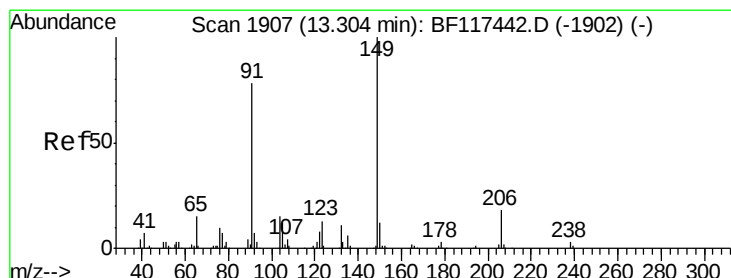
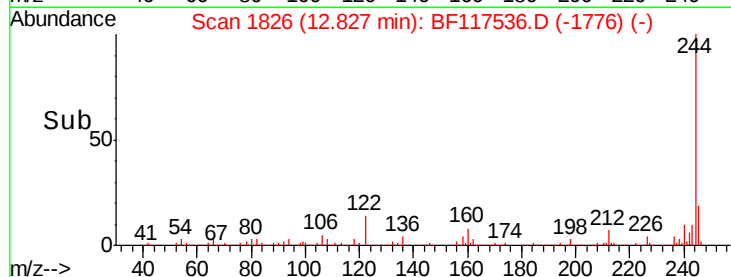
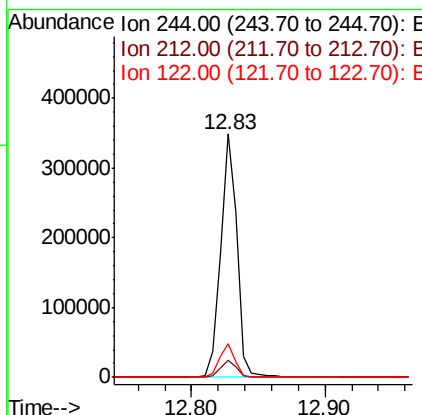
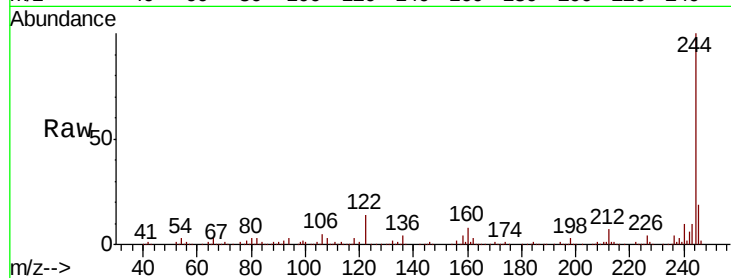
#79
 Terphenyl-d14
 Concen: 70.085 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	13.9	11.8	17.8

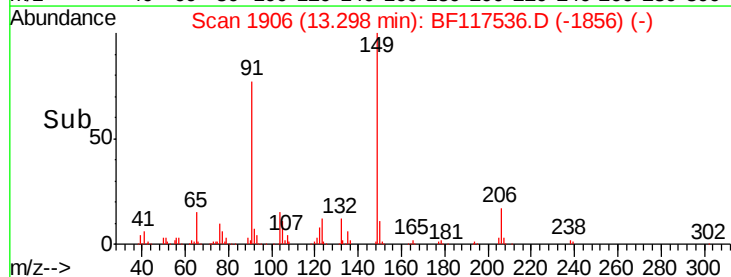
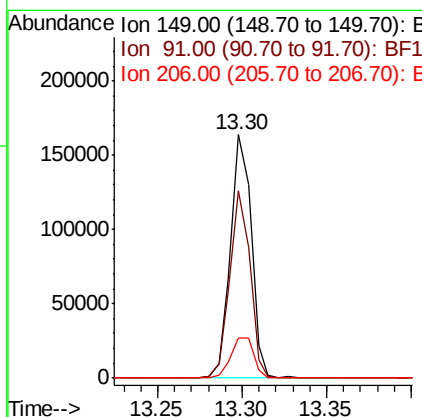
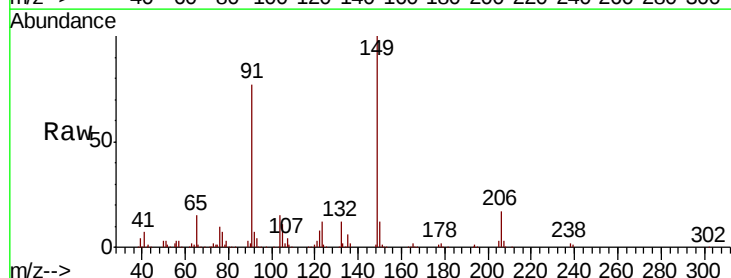
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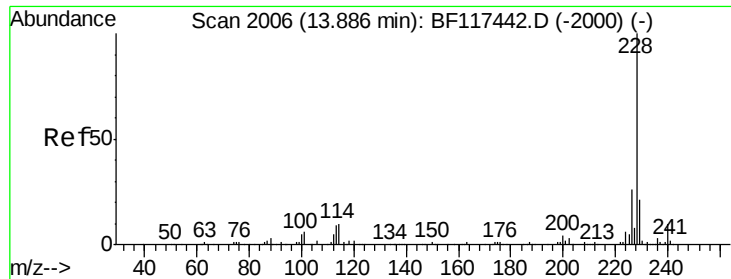
mohammad
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#80
 Butylbenzylphthalate
 Concen: 47.023 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.8	62.1	93.1
206	16.5	14.3	21.5





#81

Benzo(a)anthracene

Concen: 47.014 ng

RT: 13.88 min Scan# 2005

Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

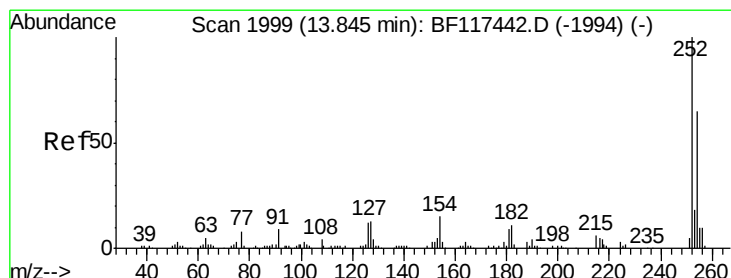
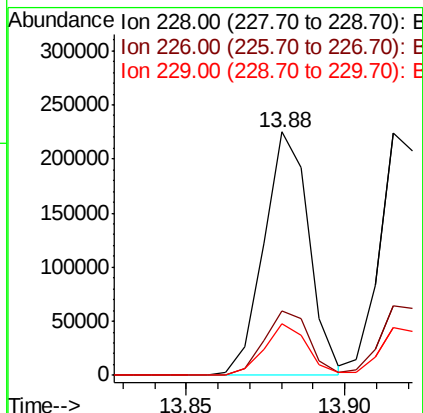
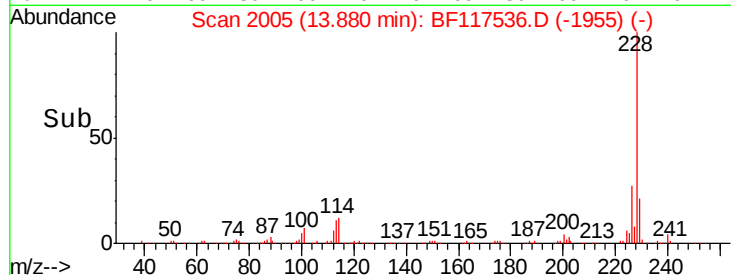
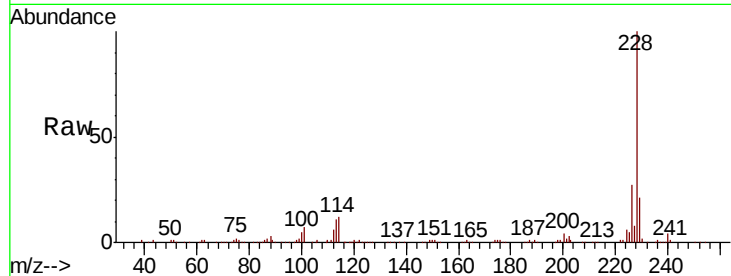
ClientSampleId :

802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.6	21.0	31.4
229	21.0	16.4	24.6

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#82

3,3'-Dichlorobenzidine

Concen: 36.978 ng

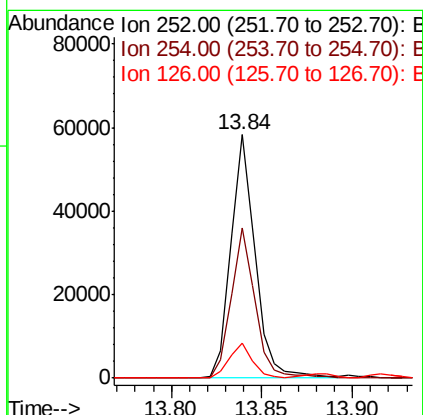
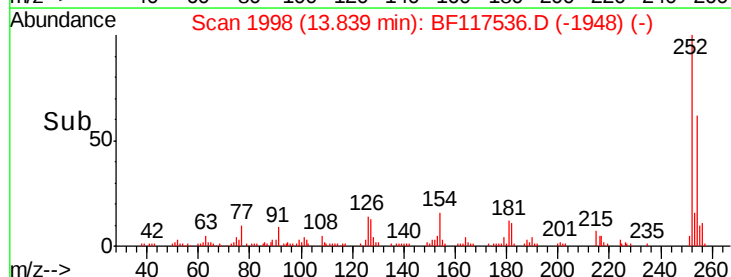
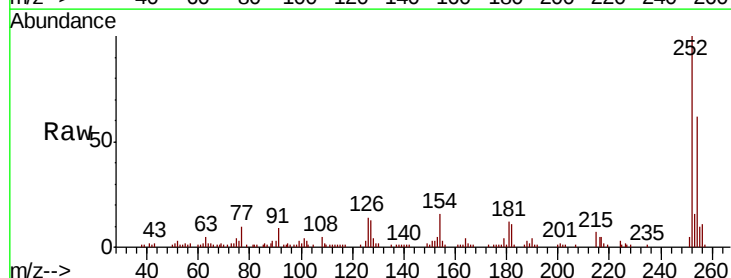
RT: 13.84 min Scan# 1998

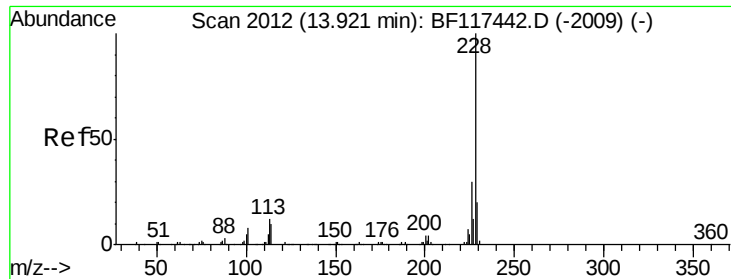
Delta R.T. -0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
254	61.7	52.2	78.4
126	14.1	9.2	13.8#





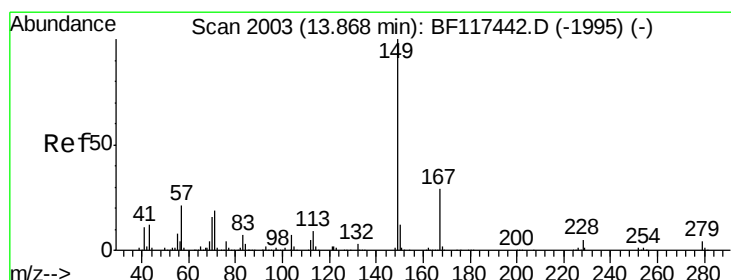
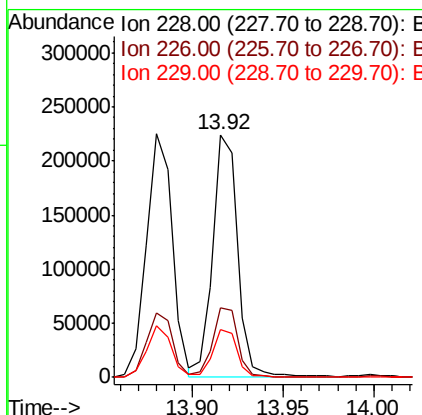
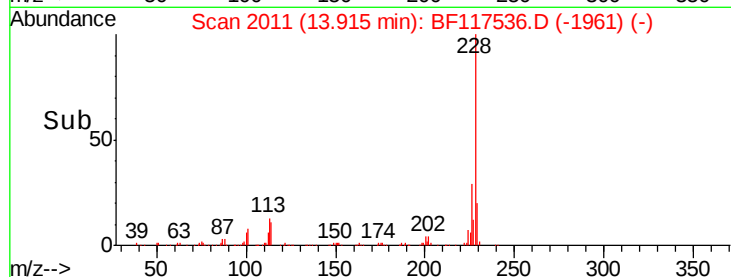
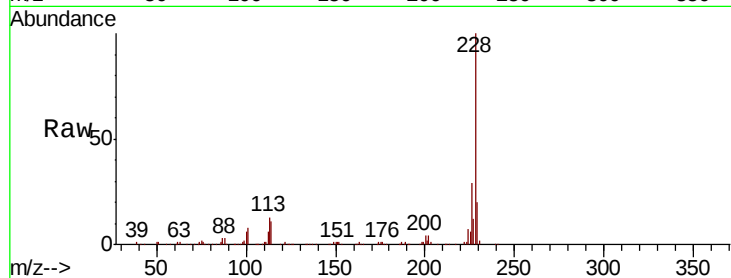
#83
 Chrvsene
 Concen: 45.920 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Instrument :
 BNA_F
 ClientSampleId :
 802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	19.9	15.8	23.6

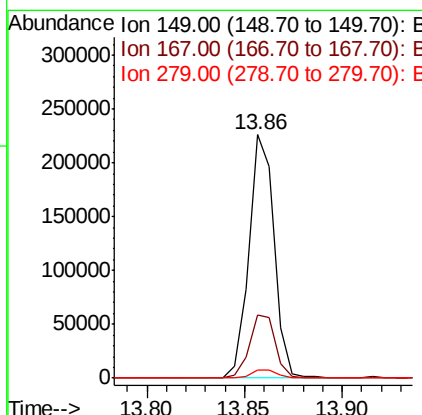
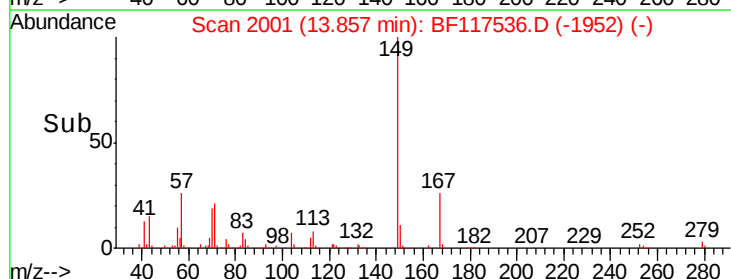
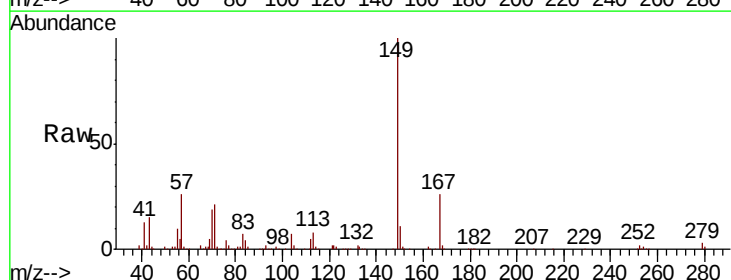
Manual Integrations
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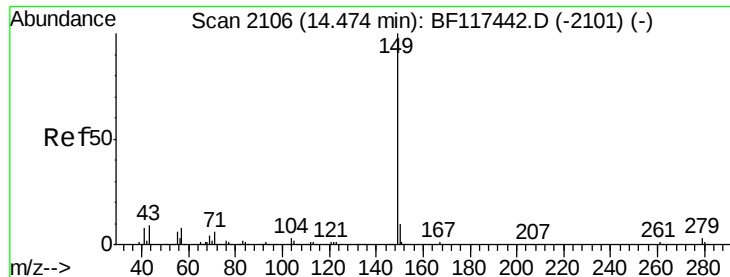
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.007 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF117536.D
 Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	23.3	34.9
279	3.1	3.2	4.8#





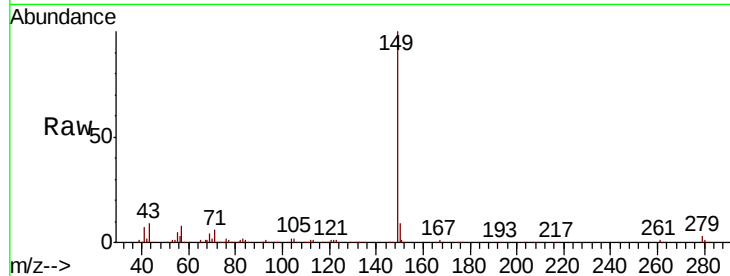
#85
Di-n-octyl phthalate
Concen: 50.411 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	325373		
167	1.5		1.2	1.8
43	8.3		6.8	10.2

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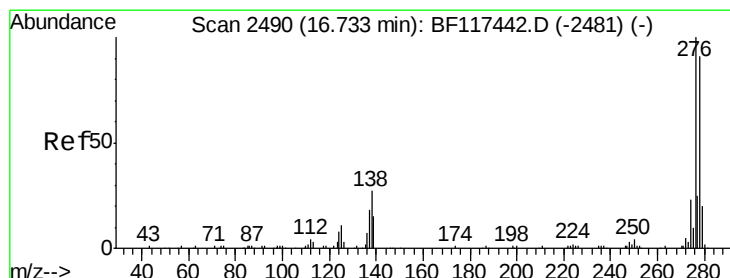
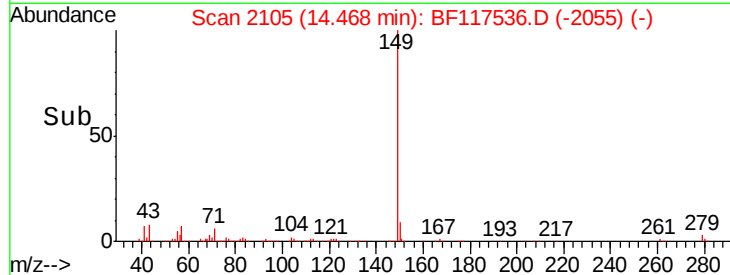
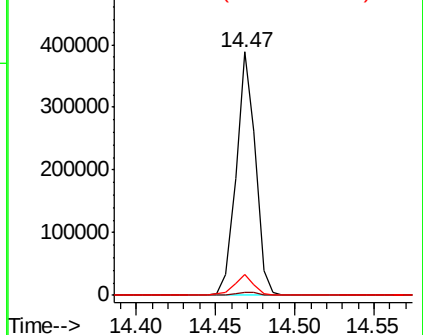


Abundance

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: 64.885 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

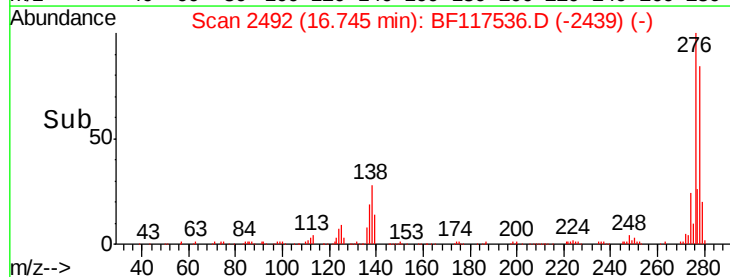
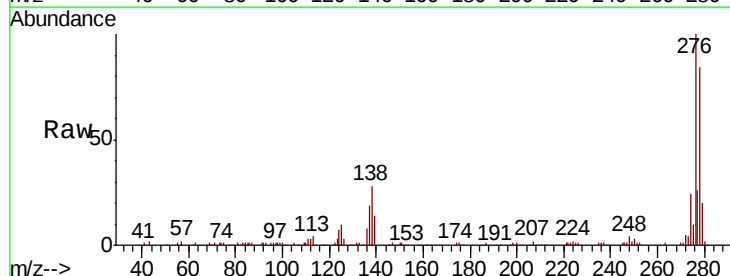
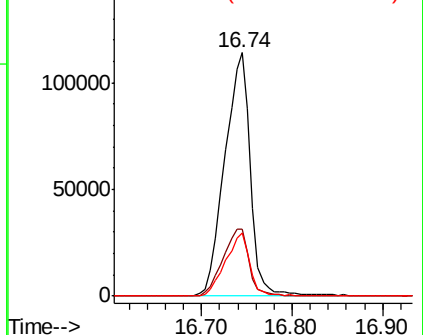
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	224541		
138	28.1		21.8	32.8
277	24.8		20.0	30.0

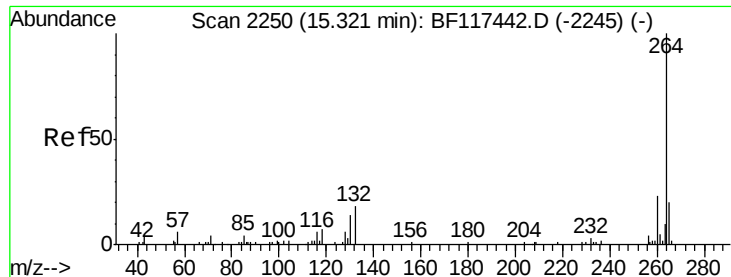
Abundance

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: 15.33 min Scan# 2251

Delta R.T. 0.01 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Instrument :

BNA_F

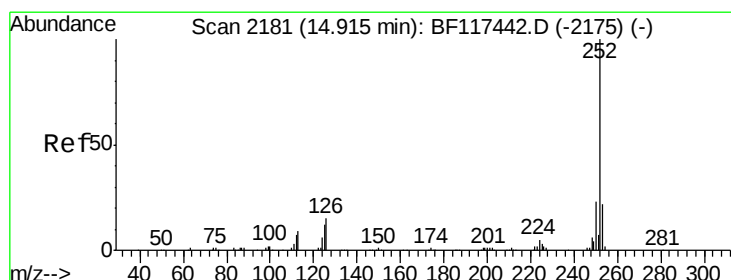
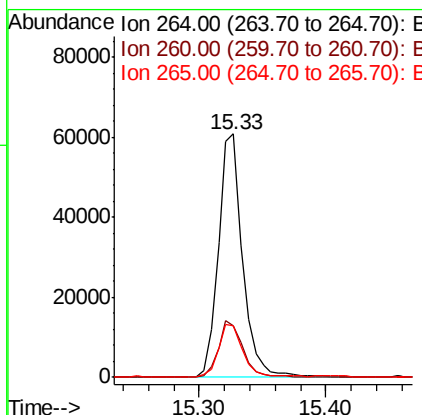
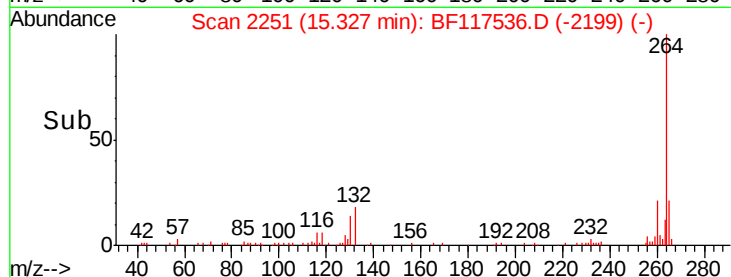
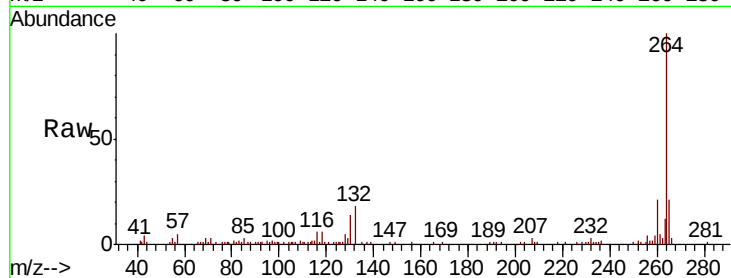
ClientSampleId :

802-00-(0-2)MS

Tot Ion:	264	Resp:	80871
Ion Ratio	Lower	Upper	
264	100		
260	21.1	18.4	27.6
265	21.3	16.1	24.1

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#88

Benzo(b)fluoranthene

Concen: 42.478 ng

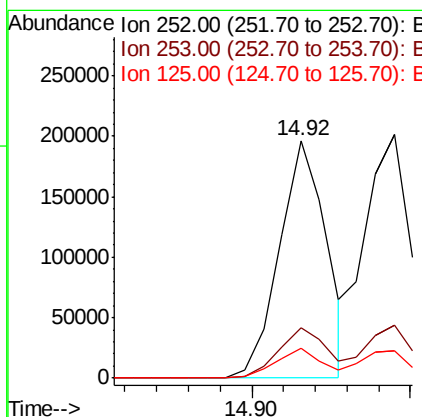
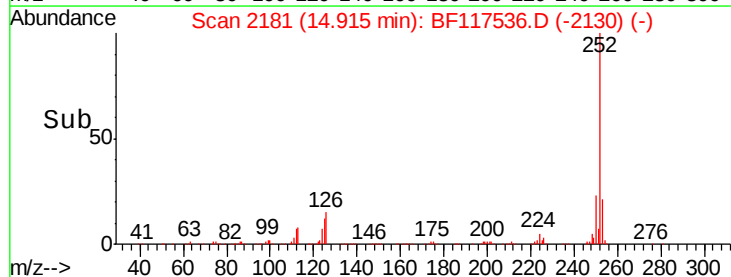
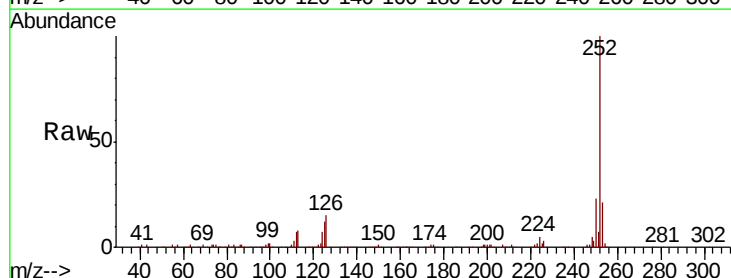
RT: 14.92 min Scan# 2181

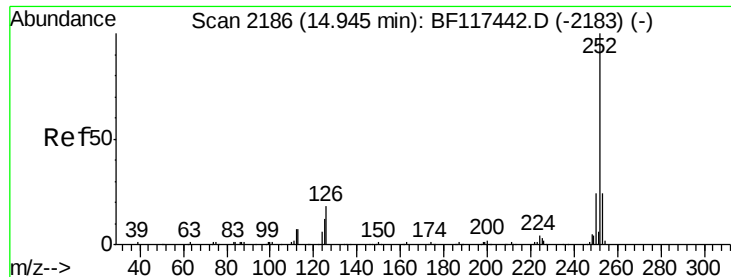
Delta R.T. -0.00 min

Lab File: BF117536.D

Acq: 25 Oct 2019 15:19

Tgt Ion:	252	Resp:	202855
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.8	26.6
125	12.4	9.9	14.9





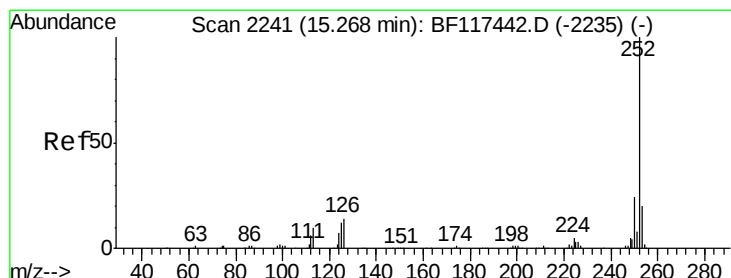
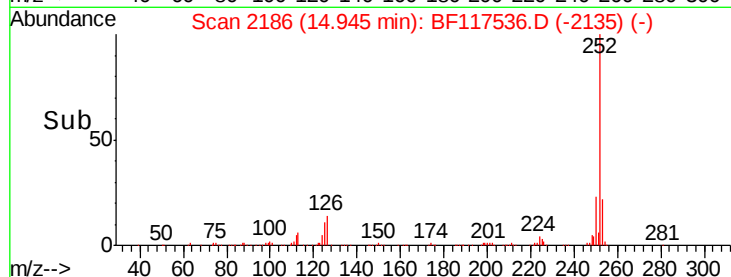
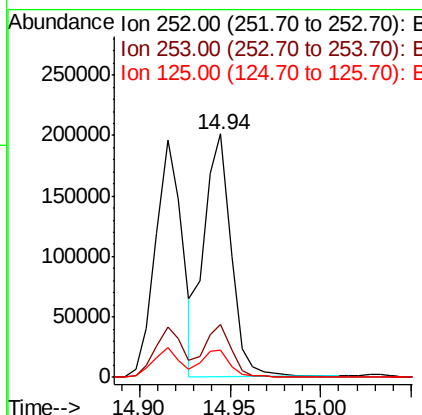
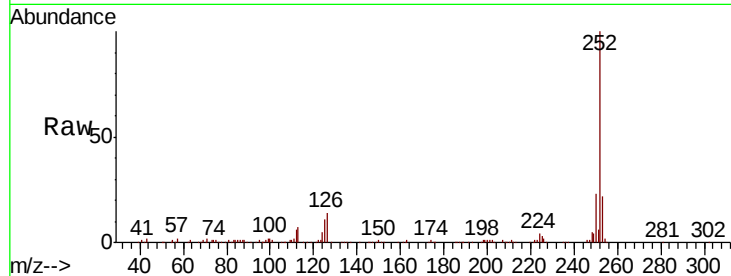
#89
Benzo(k)fluoranthene
Concen: 42.472 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	11.4	8.9	13.3

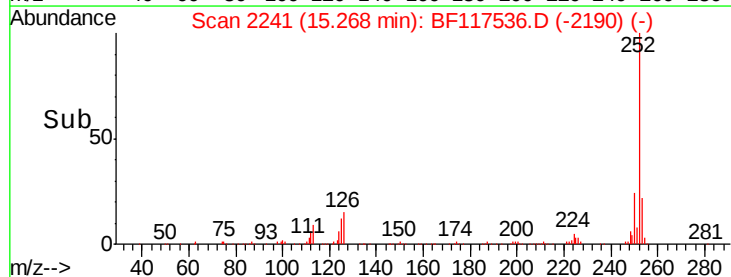
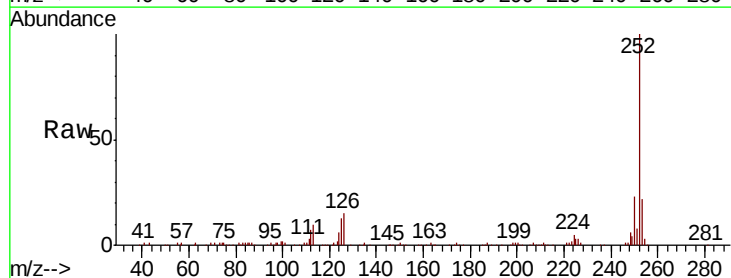
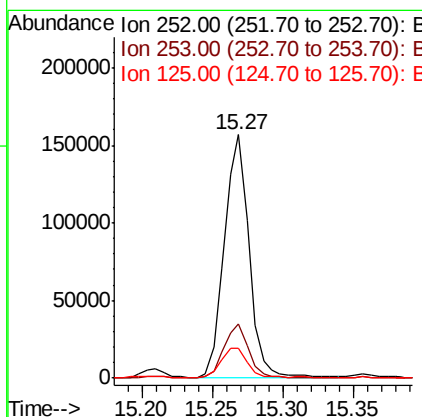
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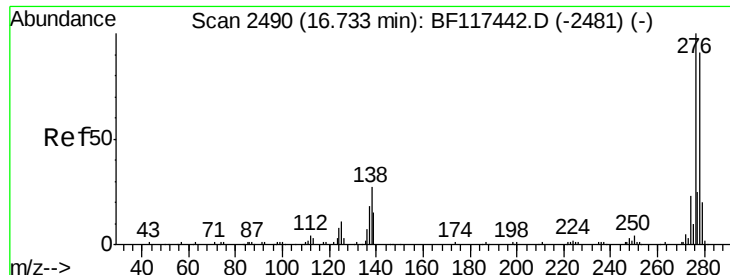
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#90
Benzo(a)pyrene
Concen: 44.458 ng
RT: 15.27 min Scan# 2241
Delta R.T. -0.00 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	16.3	24.5
125	12.5	9.2	13.8





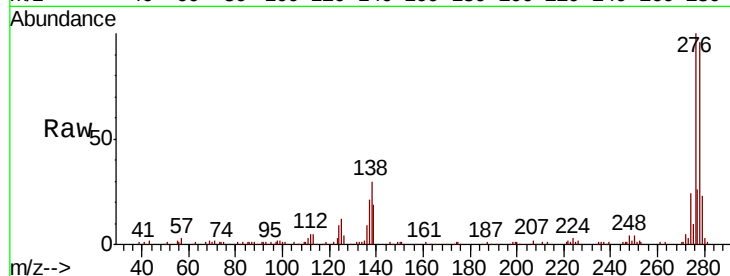
#91
Dibenzo(a,h)anthracene
Concen: 49.911 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Instrument :
BNA_F
ClientSampleId :
802-00-(0-2)MS

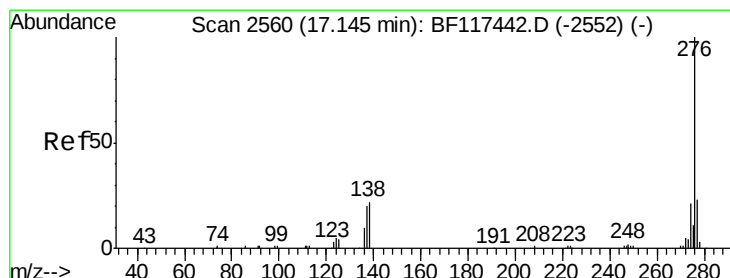
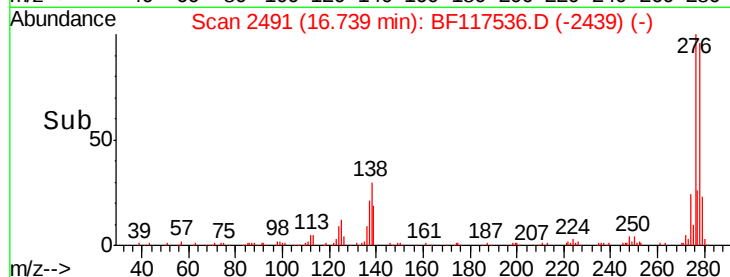
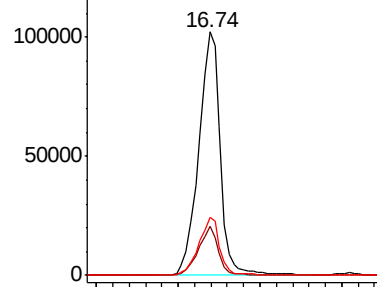
Tot Ion	Ratio	Lower	Upper
278	100		
139	20.1	13.4	20.0#
279	23.8	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/30/2019 4:50:44 PM



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 51.311 ng
RT: 17.16 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF117536.D
Acq: 25 Oct 2019 15:19

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.4	27.6
138	23.5	17.8	26.6

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

