

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117569.D
 Acq On : 28 Oct 2019 18:45
 Operator : JU
 Sample : K5501-13MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Manual Integrations
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 10/30/2019 4:51:22 PM

Quant Time: Oct 29 17:41:40 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	6.72	152	40711	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	160403	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	80151	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	123714	20.00	ng	0.00
76) Chrysene-d12	13.89	240	66961	20.00	ng	0.00
87) Perylene-d12	15.32	264	77152	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	234881	85.83	ng	0.00
7) Phenol-d6	6.38	99	323225	87.94	ng	0.00
23) Nitrobenzene-d5	7.29	82	198414	61.07	ng	-0.01
42) 2,4,6-Tribromophenol	10.56	330	54846	79.08	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	332050	58.37	ng	-0.01
79) Terphenyl-d14	12.83	244	245083	59.70	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.45	88	39653	34.465	ng	# 95
3) Pyridine	3.18	79	94657	33.608	ng	97
4) n-Nitrosodimethylamine	3.11	42	38705	37.880	ng	98
6) Aniline	6.39	93	83916	19.448	ng	# 8
8) 2-Chlorophenol	6.52	128	111655	38.667	ng	95
9) Benzaldehyde	6.28	77	64537	34.982	ng	93
10) Phenol	6.39	94	150273	40.059	ng	86
11) bis(2-Chloroethyl)ether	6.46	93	101806	36.691	ng	99
12) 1,3-Dichlorobenzene	6.66	146	114979	35.682	ng	98
13) 1,4-Dichlorobenzene	6.74	146	120125	36.748	ng	98
14) 1,2-Dichlorobenzene	6.90	146	110097	35.730	ng	97
15) Benzyl Alcohol	6.88	79	98833	37.638	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	105975	35.405	ng	# 44
17) 2-Methylphenol	7.00	107	91063	38.335	ng	# 89
18) Hexachloroethane	7.23	117	43761	34.298	ng	90
19) n-Nitroso-di-n-propylamine	7.15	70	82323	36.675	ng	98
20) 3+4-Methylphenols	7.16	107	121161	38.903	ng	# 61
22) Acetophenone	7.14	105	164793	38.690	ng	94
24) Nitrobenzene	7.31	77	123976	39.838	ng	98
25) Isophorone	7.55	82	216542	38.525	ng	97
26) 2-Nitrophenol	7.63	139	55803	40.205	ng	96
27) 2,4-Dimethylphenol	7.67	122	92708	44.694	ng	99
28) bis(2-Chloroethoxy)methane	7.76	93	129887	37.450	ng	99
29) 2,4-Dichlorophenol	7.89	162	86716	39.857	ng	99
30) 1,2,4-Trichlorobenzene	7.95	180	87503	37.478	ng	99
31) Naphthalene	8.03	128	319064	40.131	ng	99
32) Benzoic acid	7.83	122	47052	33.118	ng	93
33) 4-Chloroaniline	8.09	127	38343	11.427	ng	99
34) Hexachlorobutadiene	8.15	225	46414	34.346	ng	98
35) Caprolactam	8.46	113	29061m	41.580	ng	
36) 4-Chloro-3-methylphenol	8.59	107	100214	40.388	ng	97
37) 2-Methylnaphthalene	8.72	142	213485	39.849	ng	99
38) 1-Methylnaphthalene	8.82	142	201968	40.119	ng	97
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	78864	36.532	ng	98

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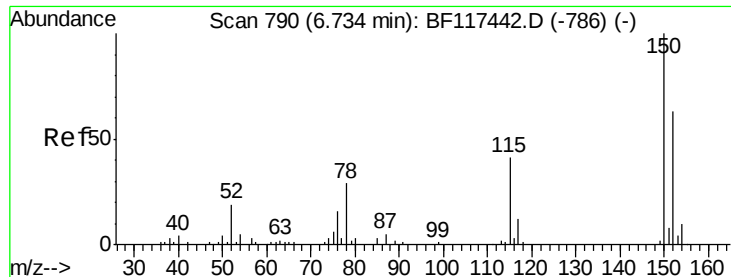
Manual Integrations
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Quant Time: Oct 29 17:41:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	6711	23.447	nq	97
43) 2,4,6-Trichlorophenol	9.01	196	52797	39.054	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	55212	40.304	nq	97
46) 1,1'-Biphenyl	9.18	154	244908	36.909	nq	97
47) 2-Chloronaphthalene	9.21	162	191460	38.269	nq	99
48) 2-Nitroaniline	9.32	65	61628	37.524	nq	89
49) Acenaphthylene	9.62	152	295359	40.193	nq	99
50) Dimethylphthalate	9.49	163	262811	45.995	nq	99
51) 2,6-Dinitrotoluene	9.56	165	45679	38.310	nq	91
52) Acenaphthene	9.79	154	173415	38.464	nq	98
53) 3-Nitroaniline	9.73	138	27334	18.894	nq	97
54) 2,4-Dinitrophenol	9.87	184	11506	26.517	nq	92
55) Dibenzofuran	9.97	168	258828	39.625	nq	98
56) 4-Nitrophenol	9.92	139	33881	52.380	nq	99
57) 2,4-Dinitrotoluene	9.97	165	61011	38.486	nq	# 84
58) Fluorene	10.31	166	206894	38.302	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	39197	36.405	nq	94
60) Diethylphthalate	10.18	149	211346	36.569	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	92989	38.370	nq	95
62) 4-Nitroaniline	10.35	138	40651	29.811	nq	98
63) Azobenzene	10.46	77	229374	38.770	nq	98
65) 4,6-Dinitro-2-methylphenol	10.39	198	11034	17.542	nq	93
66) n-Nitrosodiphenylamine	10.42	169	180391	39.885	nq	97
67) 4-Bromophenyl-phenylether	10.79	248	49459	37.116	nq	94
68) Hexachlorobenzene	10.87	284	50790	35.590	nq	# 90
69) Atrazine	10.95	200	51992	45.183	nq	97
70) Pentachlorophenol	11.07	266	26442	61.807	nq	99
71) Phenanthrene	11.27	178	276308	38.464	nq	99
72) Anthracene	11.32	178	288650	39.161	nq	99
73) Carbazole	11.49	167	251314	37.309	nq	99
74) Di-n-butylphthalate	11.80	149	329811	36.644	nq	99
75) Fluoranthene	12.46	202	243541	33.866	nq	97
77) Benzidine	12.59	184	101197	64.040	nq	98
78) Pyrene	12.69	202	236392	41.100	nq	98
80) Butylbenzylphthalate	13.30	149	111904	39.098	nq	94
81) Benzo(a)anthracene	13.88	228	178405	39.498	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	53425	37.694	nq	98
83) Chrysene	13.92	228	177118	40.011	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	154294	38.484	nq	97
85) Di-n-octyl phthalate	14.46	149	238610	38.708	nq	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	146971	44.469	nq	98
88) Benzo(b)fluoranthene	14.92	252	168964	37.087	nq	98
89) Benzo(k)fluoranthene	14.94	252	170327	36.476	nq	97
90) Benzo(a)pyrene	15.27	252	155567	37.556	nq	99
91) Dibenzo(a,h)anthracene	16.73	278	126145	35.219	nq	98
92) Benzo(g,h,i)perylene	17.16	276	111030	32.763	nq	96

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



#1

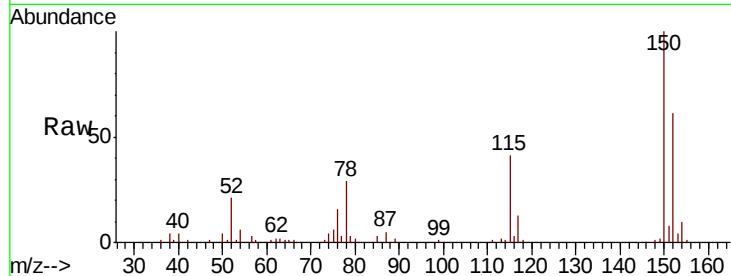
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.6	126.8	190.2
115	67.2	51.6	77.4

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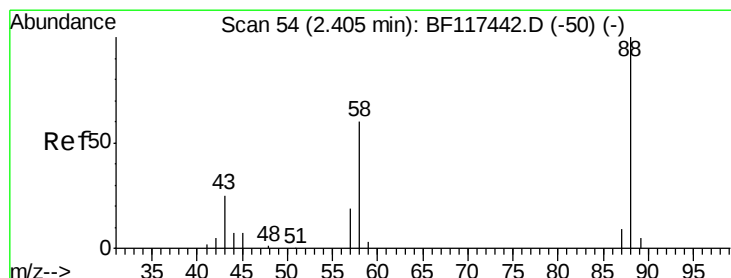
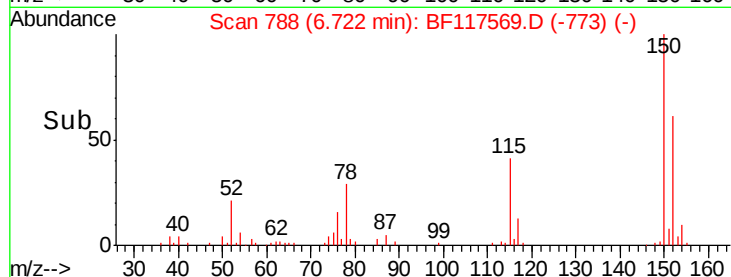
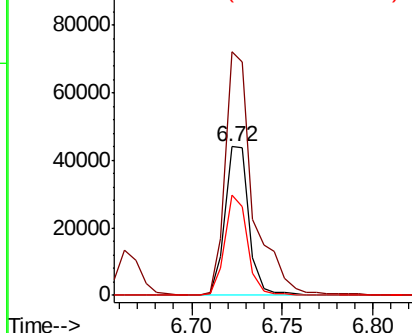


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

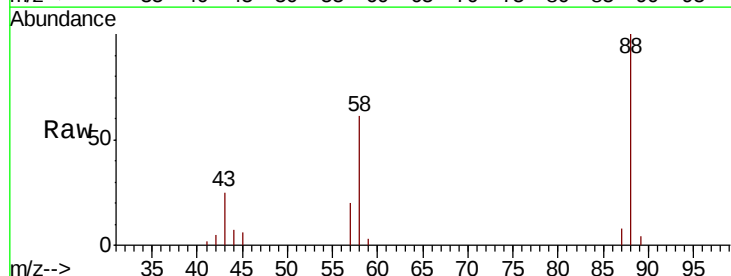
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 34.465 ng
RT: 2.45 min Scan# 61
Delta R.T. 0.04 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.6	48.8	73.2
43	28.7	18.5	27.7

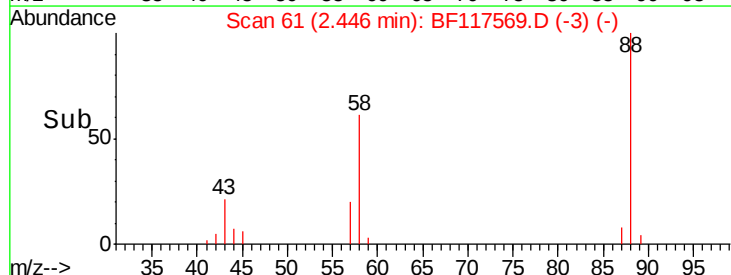
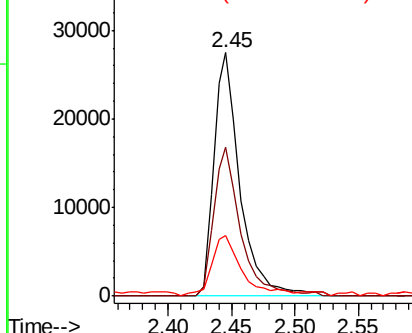


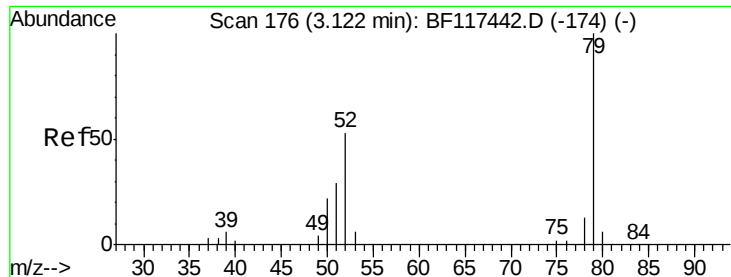
Abundance

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





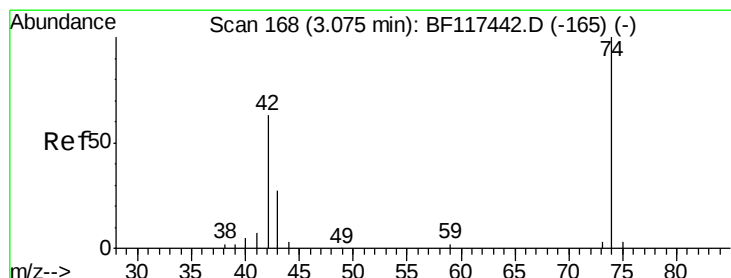
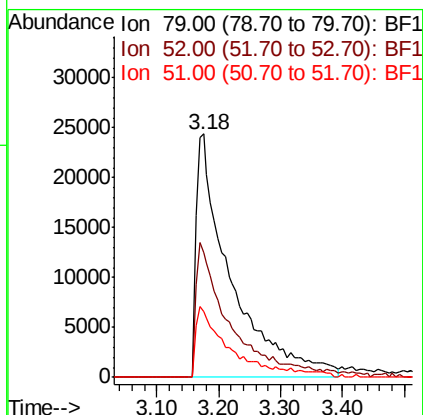
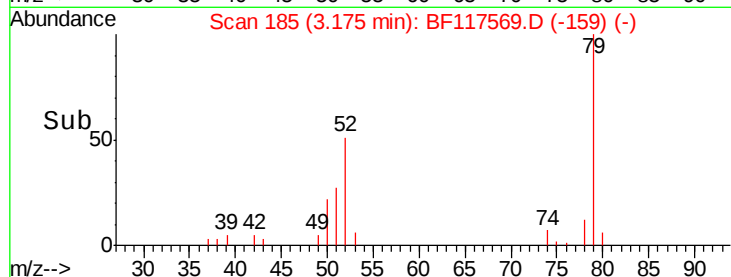
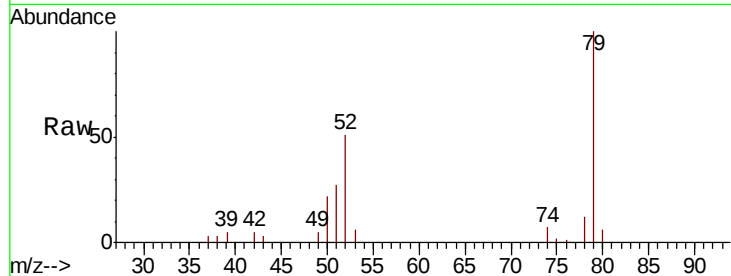
#3
 Pvridine
 Concen: 33.608 ng
 RT: 3.18 min Scan# 185
 Delta R.T. 0.05 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion	Ion	Ratio	Lower	Upper
79	79	100		
52	52	51.3	42.4	63.6
51	51	27.2	23.3	34.9

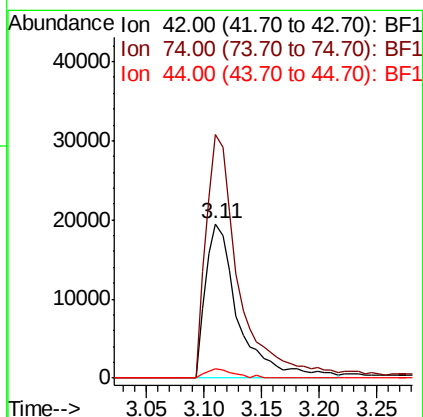
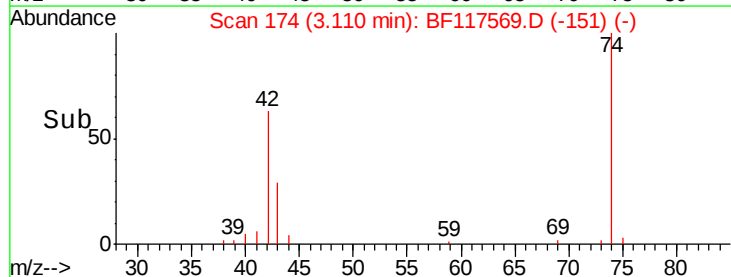
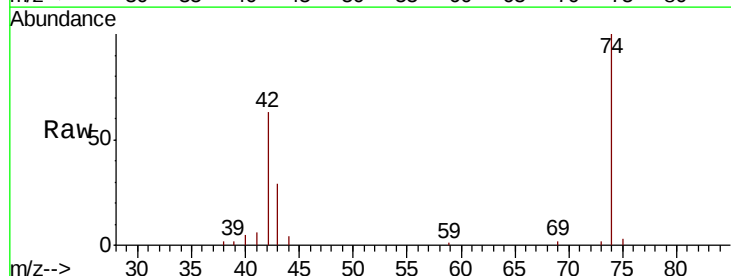
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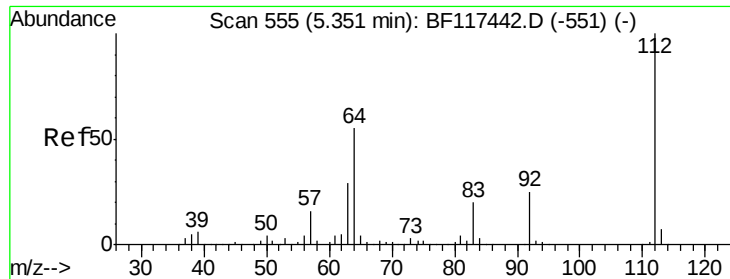
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#4
 n-Nitrosodimethylamine
 Concen: 37.880 ng
 RT: 3.11 min Scan# 174
 Delta R.T. 0.04 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
42	42	100		
74	74	157.8	124.2	186.4
44	44	6.0	4.2	6.4





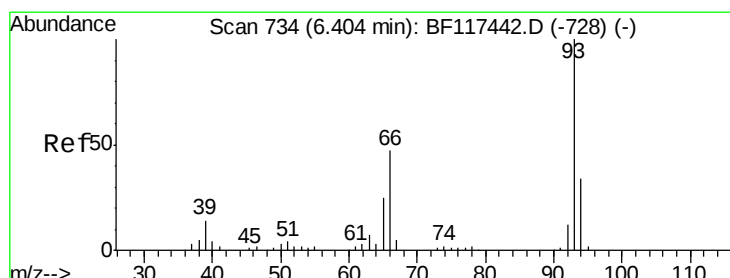
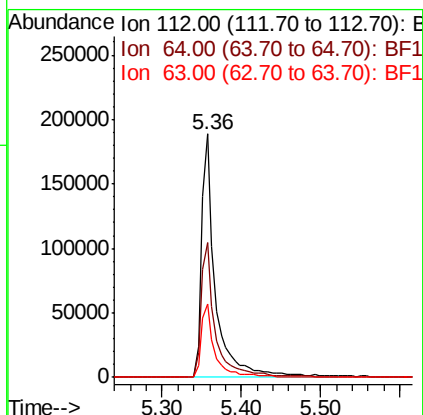
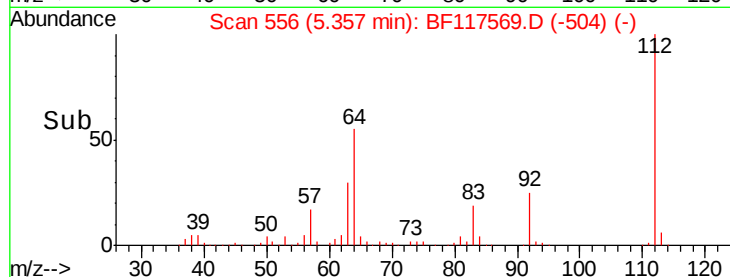
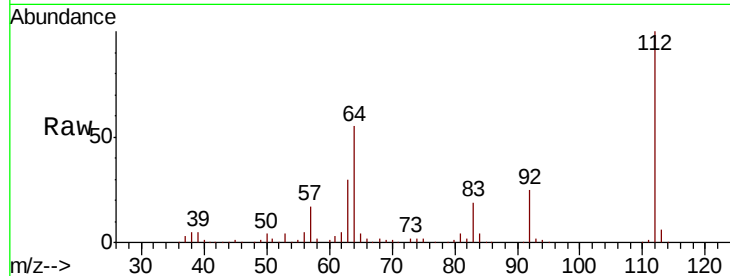
#5
2-Fluorophenol
Concen: 85.833 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		234881		
64	55.4	44.1	66.1		
63	30.0	23.4	35.2		

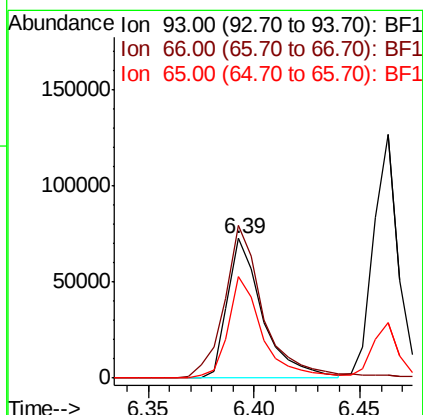
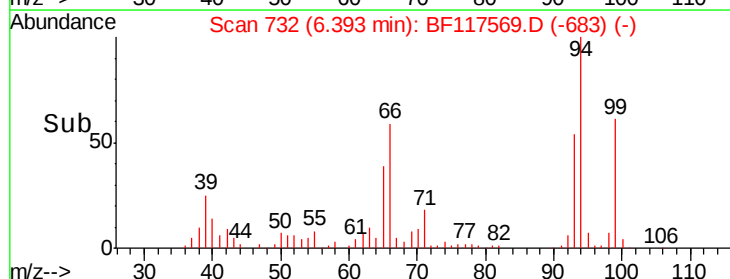
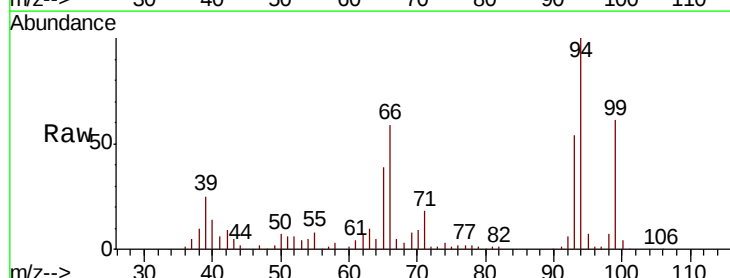
Manual Integrations
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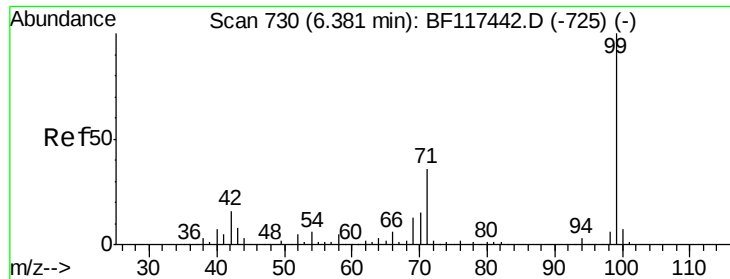
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#6
Aniline
Concen: 19.448 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		83916		
66	110.0	38.7	58.1#		
65	72.6	20.1	30.1#		





#7

Phenol-d6

Concen: 87.942 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.00 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_F

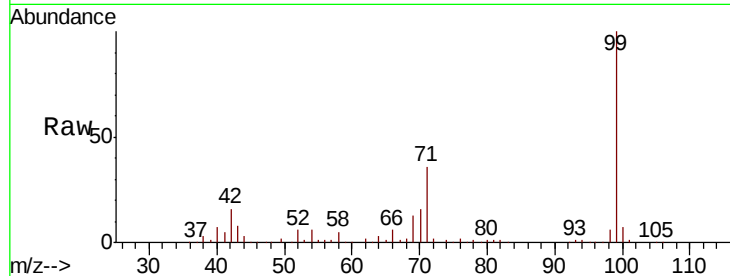
ClientSampleId :

184-40-(0-2)

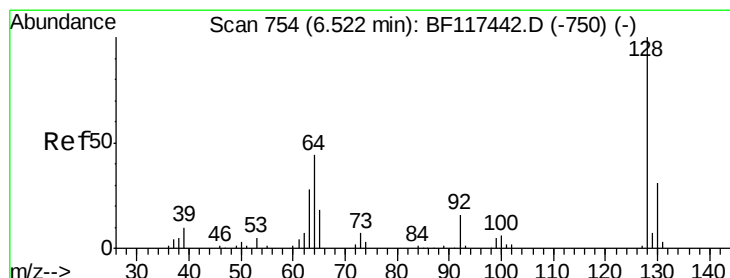
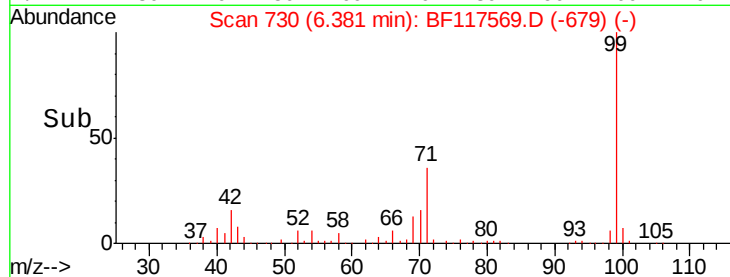
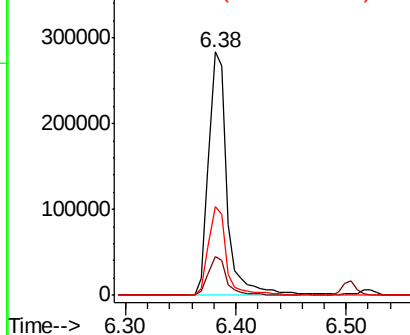
Tot Ion	Ratio	Resp	Lower	Upper
99	100	323225		
42	16.0		12.8	19.2
71	36.4		28.6	43.0

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: 38.667 ng

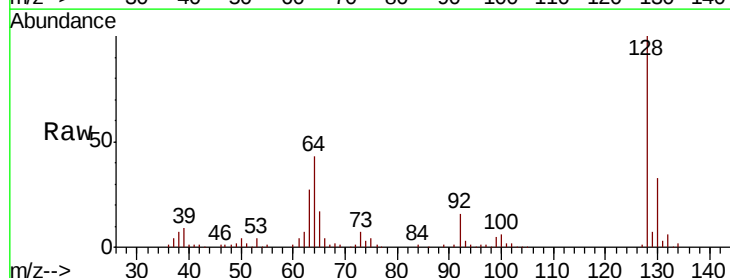
RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

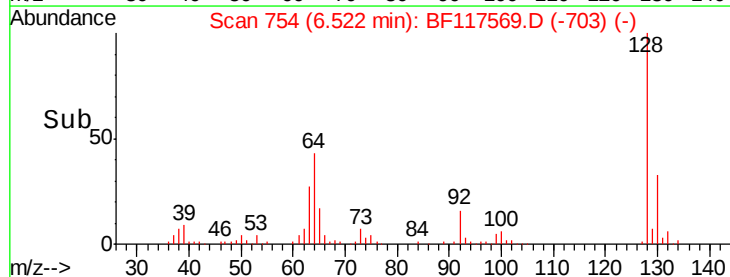
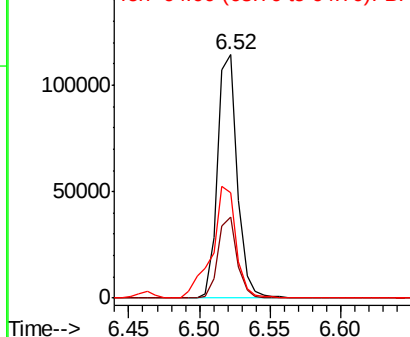
Lab File: BF117569.D

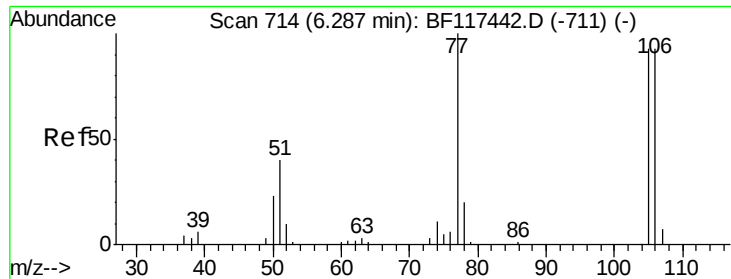
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	111655		
130	33.1		11.1	51.1
64	43.3		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





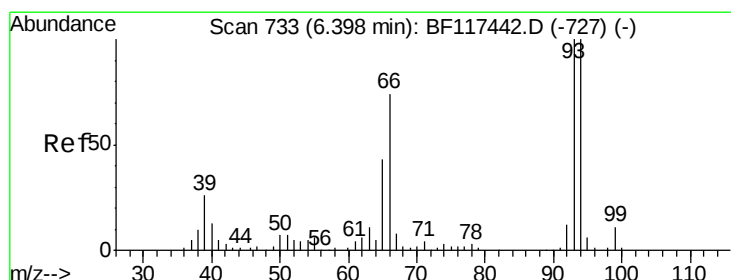
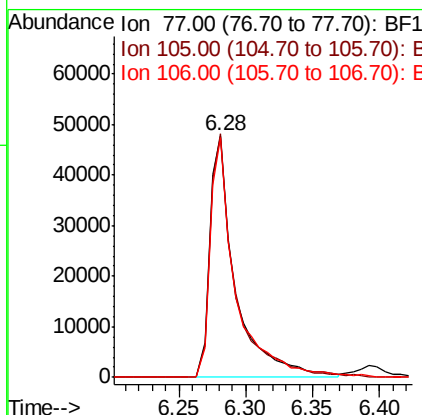
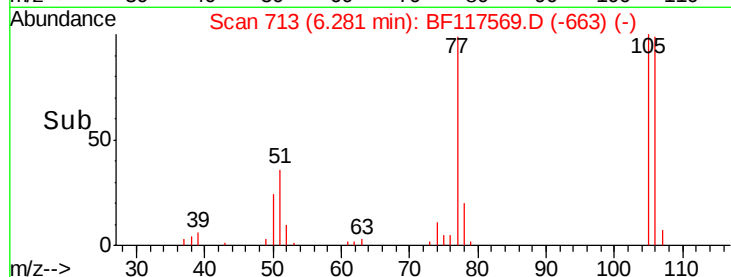
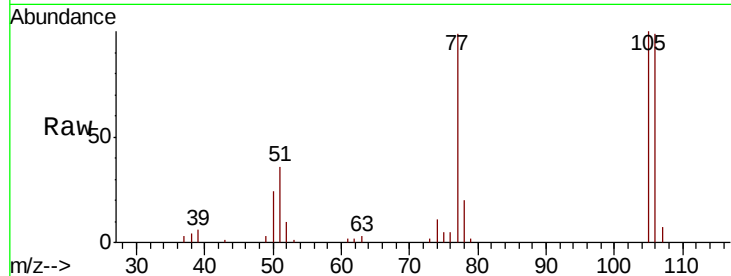
#9
Benzaldehyde
Concen: 34.982 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
77	100		
105	100.9	73.4	113.4
106	99.6	73.0	113.0

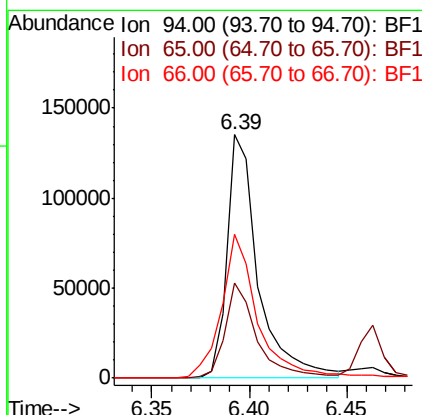
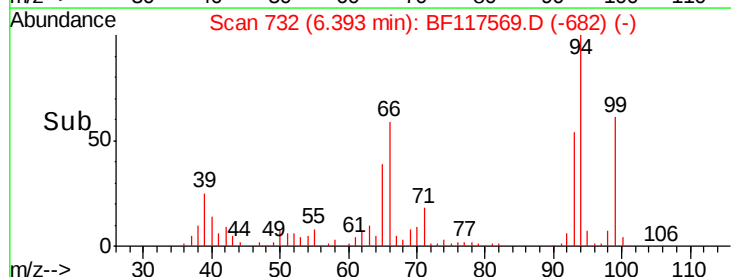
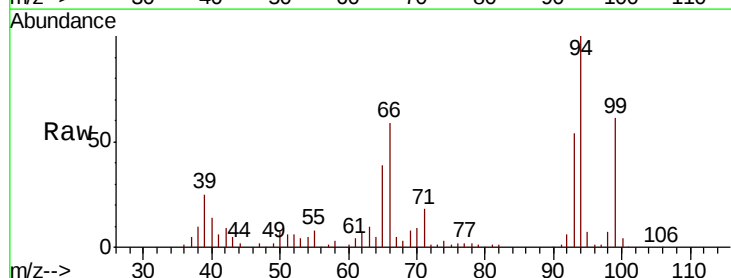
Manual Integrations
APPROVED

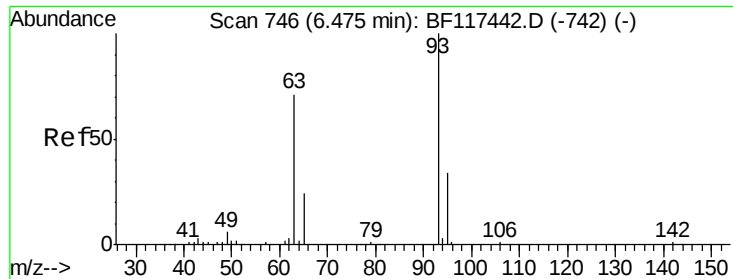
mohammad
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#10
Phenol
Concen: 40.059 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
94	100		
65	39.0	23.4	63.4
66	59.0	54.7	94.7





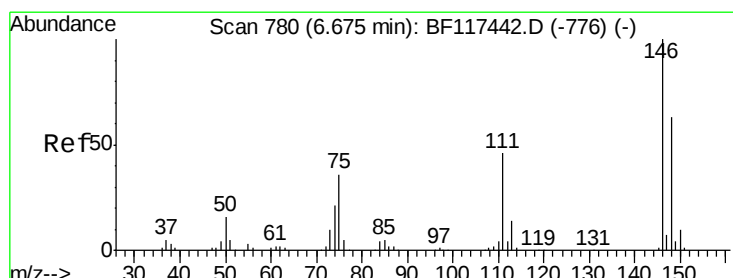
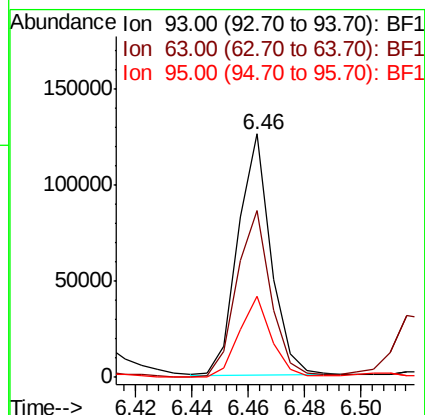
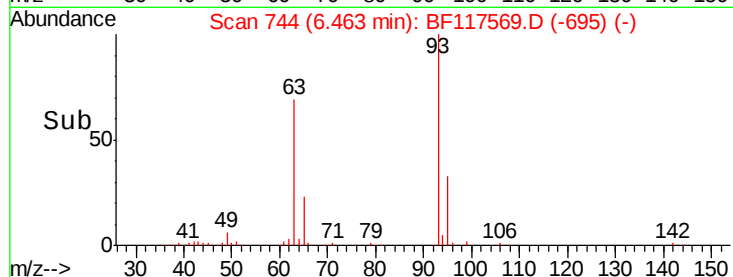
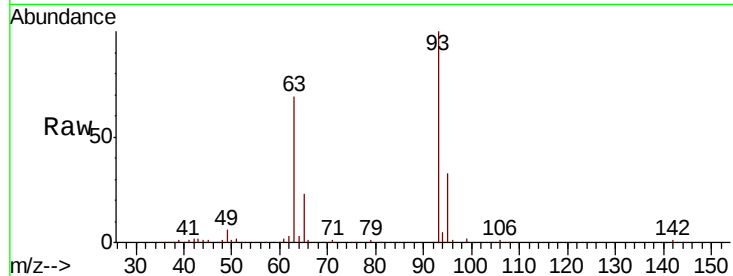
#11
bis(2-Chloroethyl)ether
Concen: 36.691 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	93	Resp	101806
Ion Ratio	100	Lower	Upper
93	100		
63	68.7	50.2	90.2
95	33.5	13.9	53.9

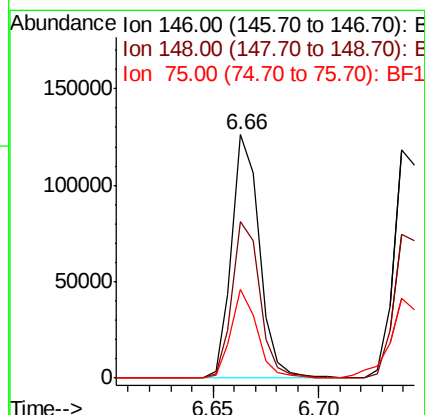
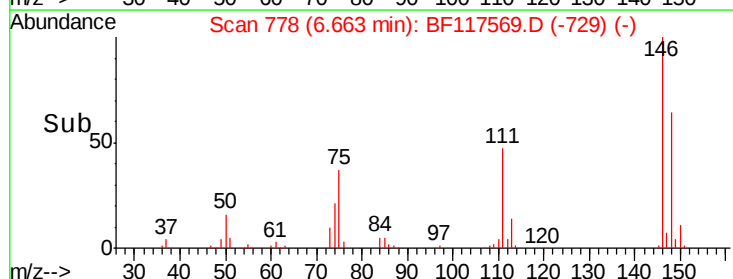
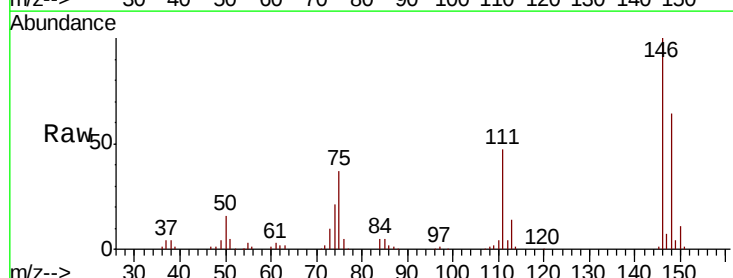
Manual Integrations
APPROVED

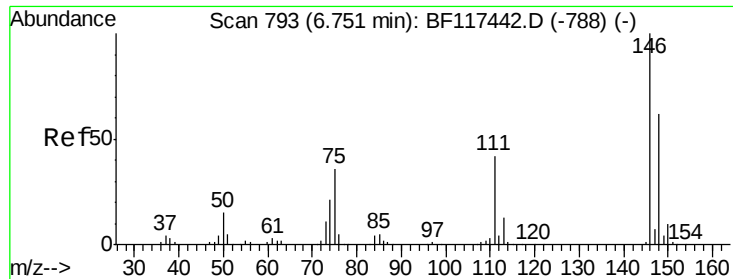
mohammad
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#12
1,3-Dichlorobenzene
Concen: 35.682 ng
RT: 6.66 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	146	Resp	114979
Ion Ratio	100	Lower	Upper
146	100		
148	64.5	50.6	75.8
75	36.6	28.6	43.0





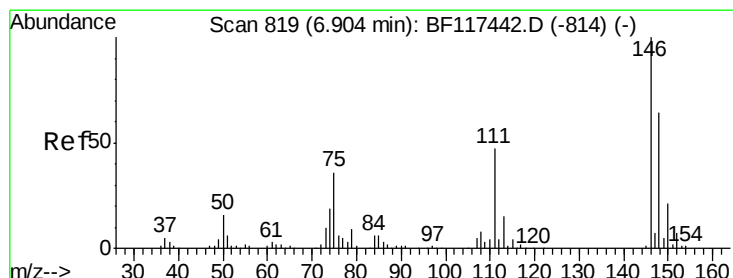
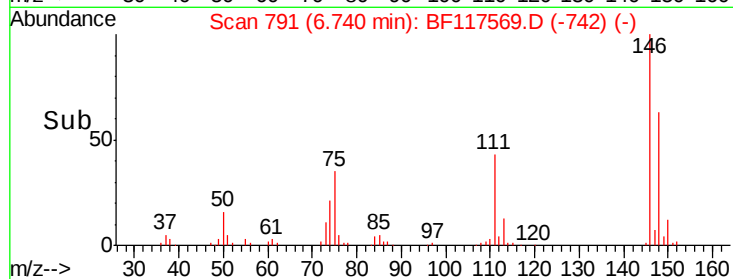
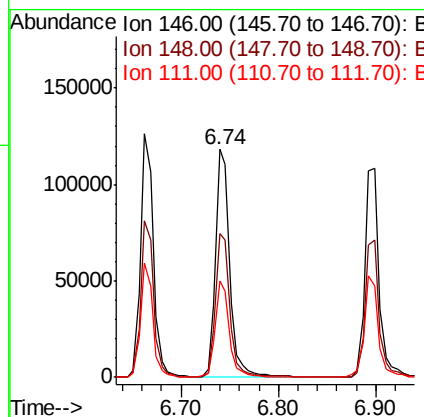
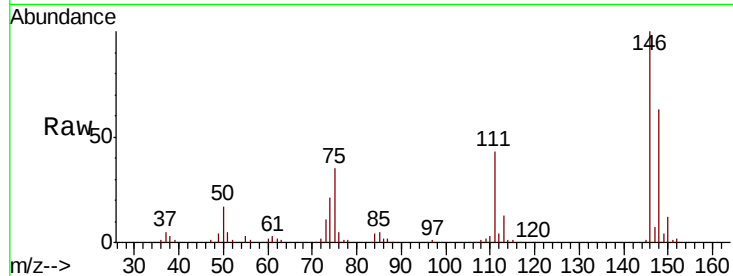
#13
1,4-Dichlorobenzene
Concen: 36.748 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.3	49.3	73.9
111	42.6	33.6	50.4

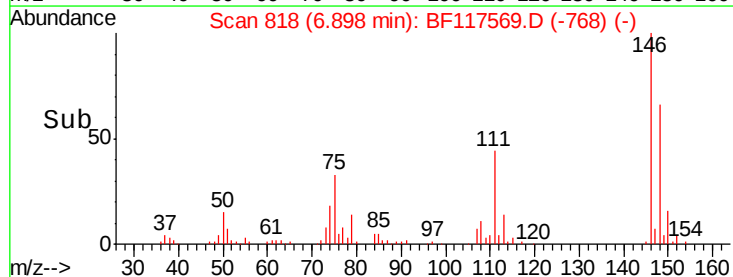
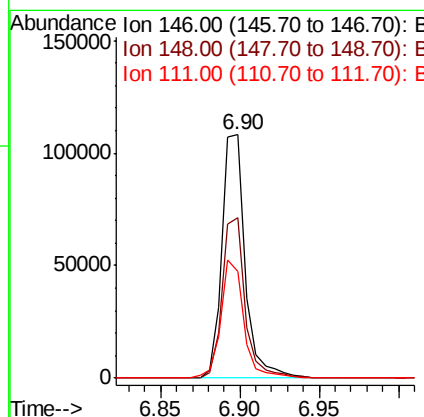
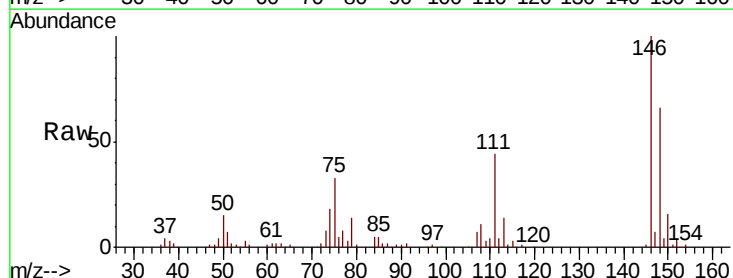
Manual Integrations
APPROVED

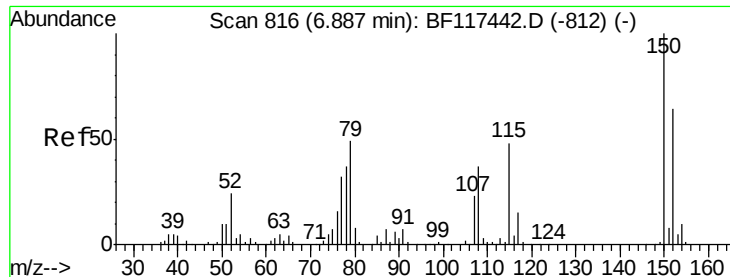
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#14
1,2-Dichlorobenzene
Concen: 35.730 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.4	77.0
111	43.6	37.7	56.5





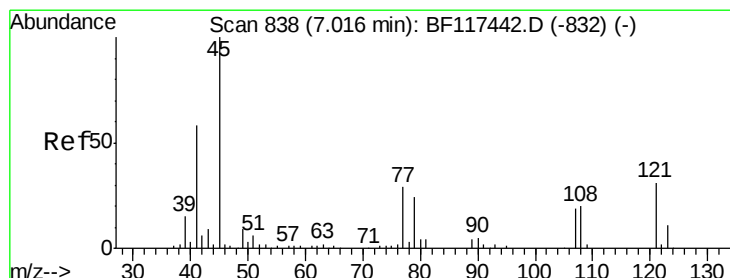
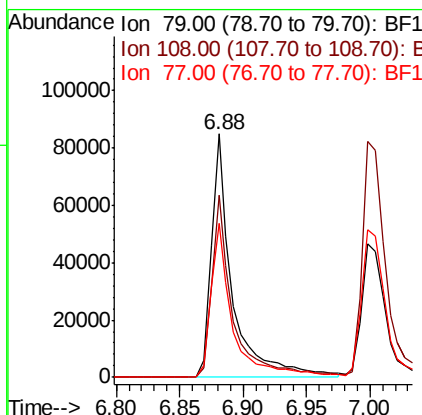
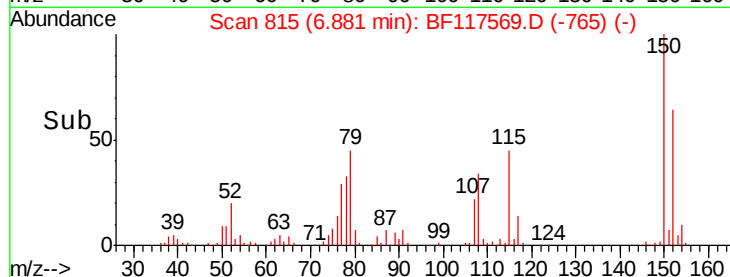
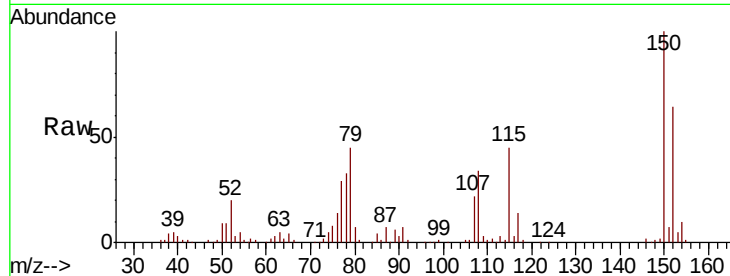
#15
Benzyl Alcohol
Concen: 37.638 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.9	59.8	89.8
77	63.3	51.4	77.0

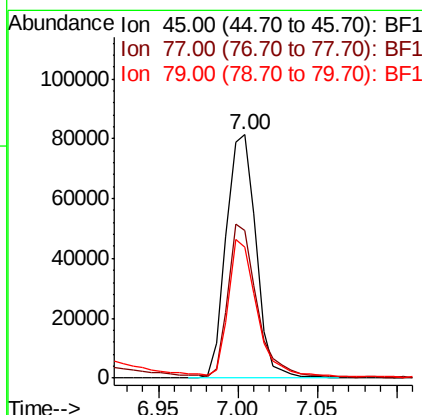
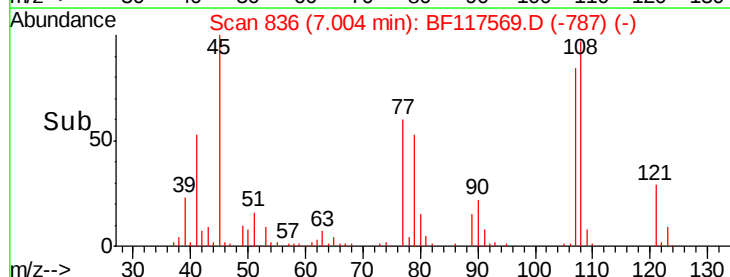
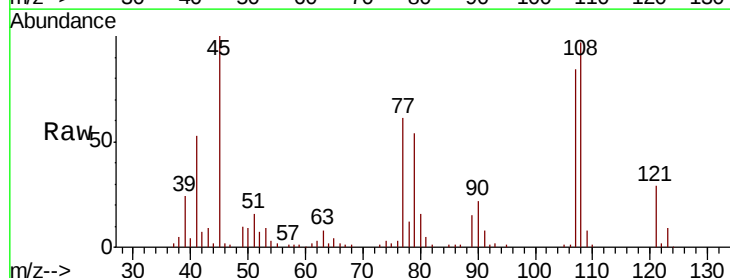
Manual Integrations
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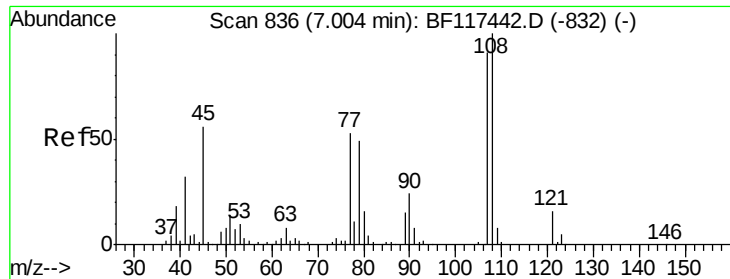
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#16
2,2'-oxybis(1-chloropropane)
Concen: 35.405 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
45	100		
77	60.5	9.9	49.9#
79	53.7	5.5	45.5#





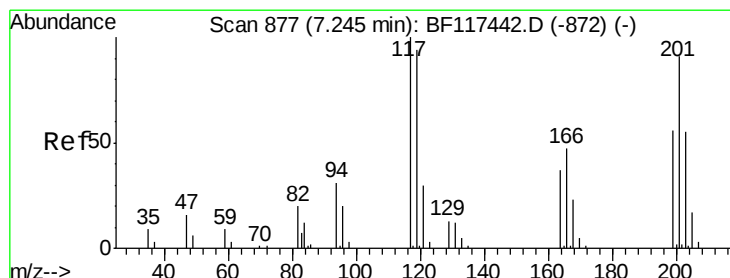
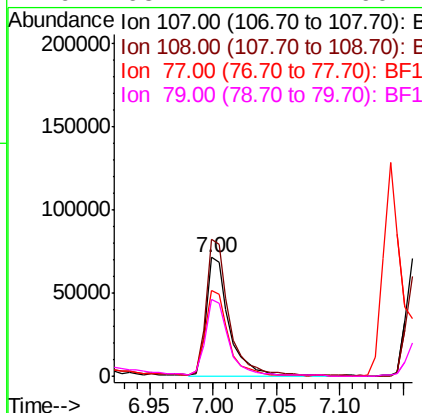
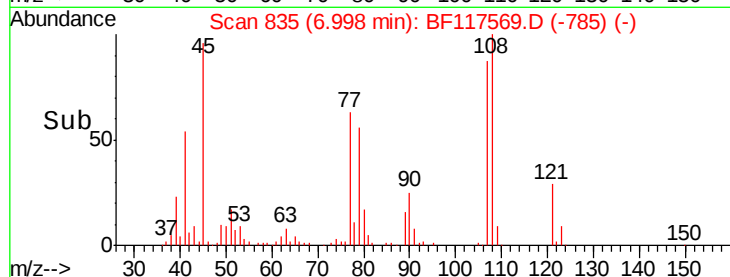
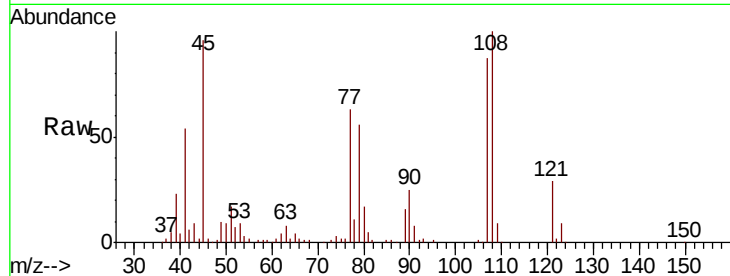
#17
2-Methylphenol
Concen: 38.335 ng
RT: 7.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampled :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
107	100		
108	115.5	88.0	132.0
77	72.3	47.2	70.8
79	65.1	44.1	66.1

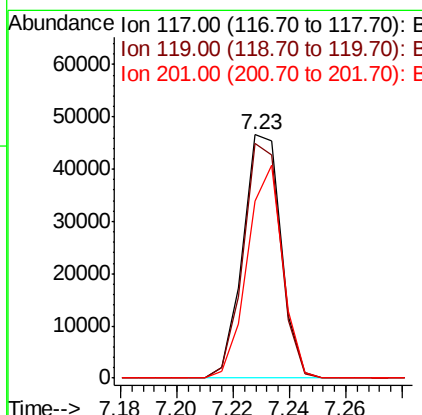
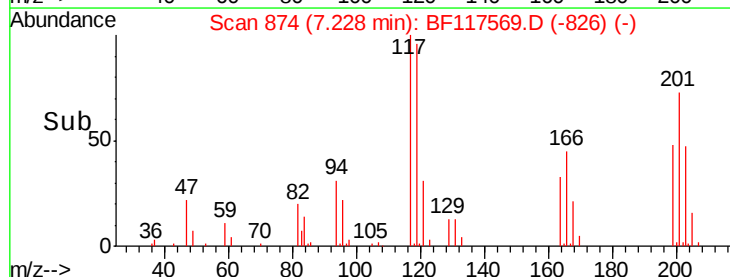
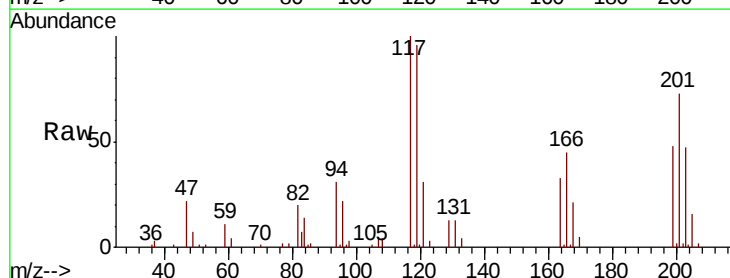
Manual Integrations
APPROVED

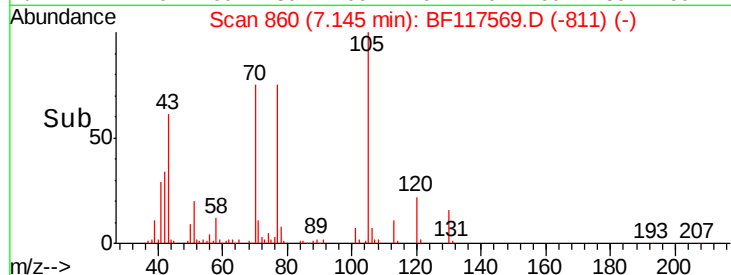
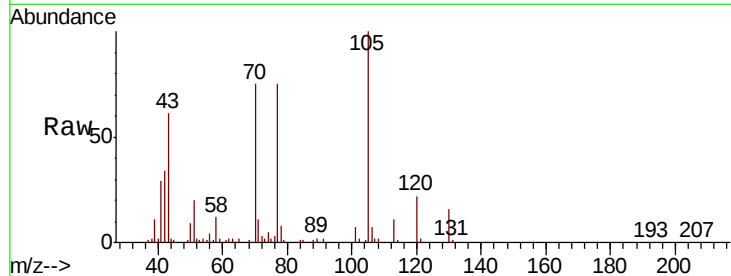
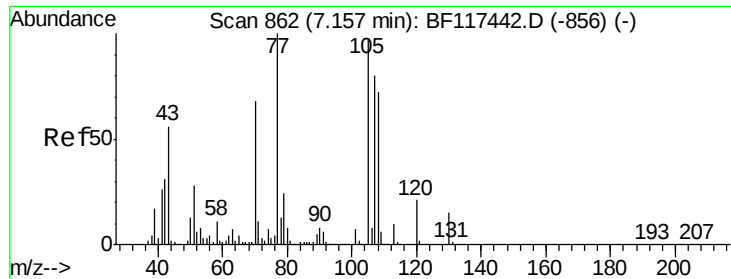
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#18
Hexachloroethane
Concen: 34.298 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.02 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.4	113.0
201	72.8	72.5	108.7





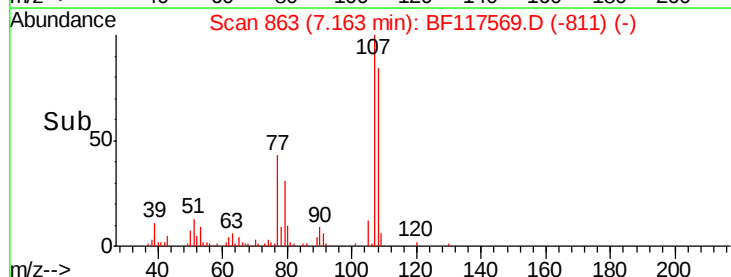
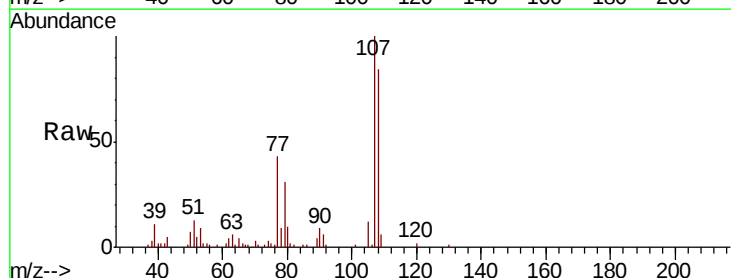
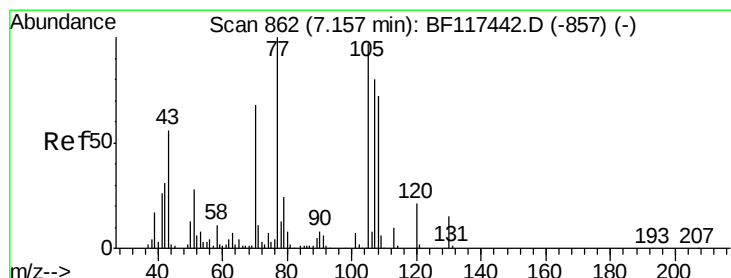
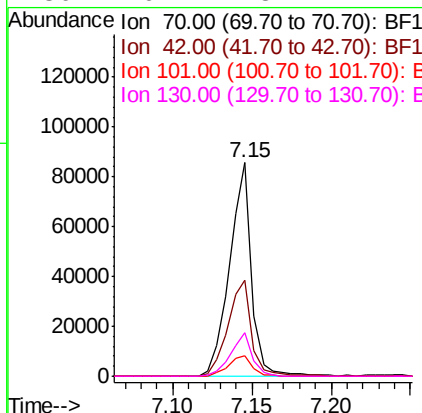
#19
n-Nitroso-di-n-propylamine
Concen: 36.675 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
70	100		
42	45.2	36.7	55.1
101	9.7	8.3	12.5
130	20.7	18.1	27.1

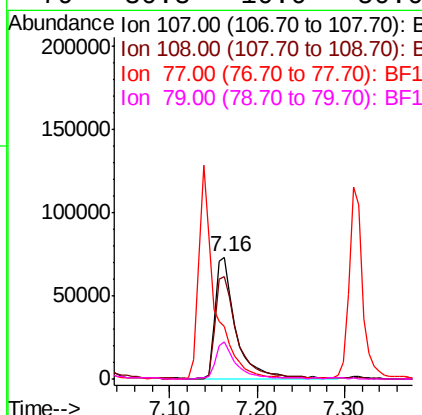
Manual Integrations
APPROVED

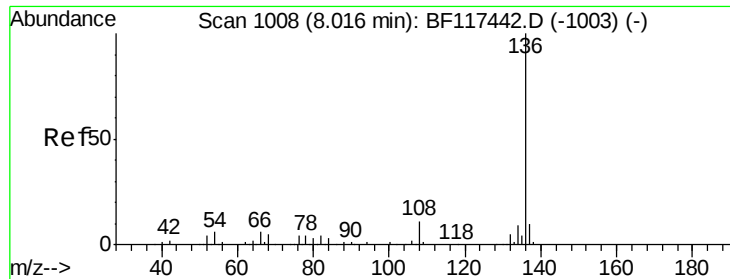
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#20
3+4-Methylphenols
Concen: 38.903 ng
RT: 7.16 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
107	100		
108	83.9	70.3	110.3
77	42.8	104.8	144.8#
79	30.8	10.0	50.0





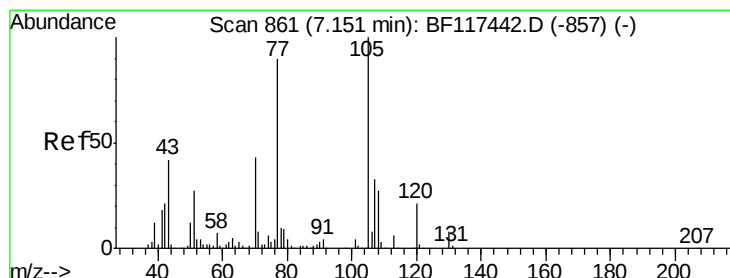
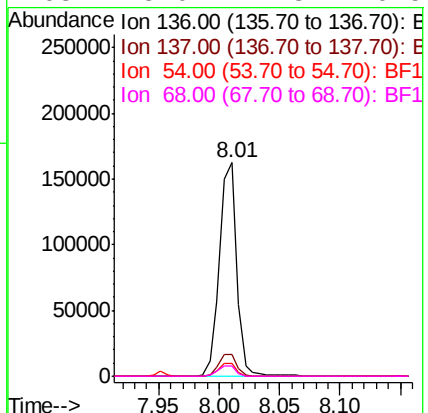
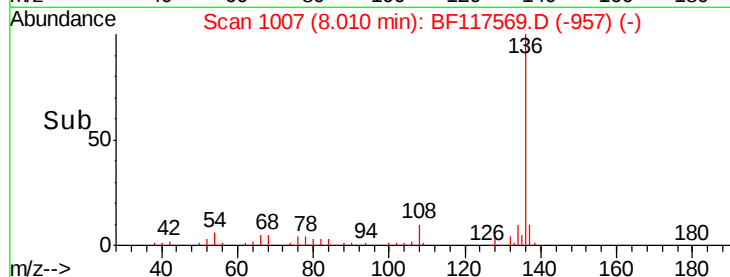
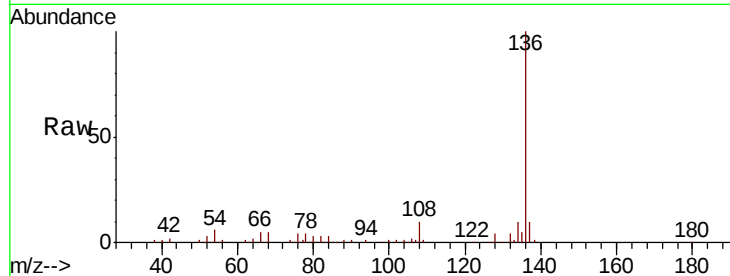
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	160403		
137	10.4	8.2	12.4	
54	5.7	4.5	6.7	
68	5.0	4.3	6.5	

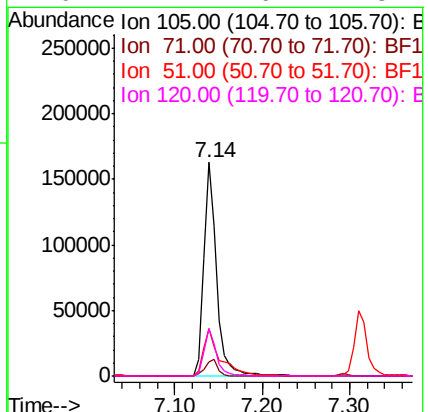
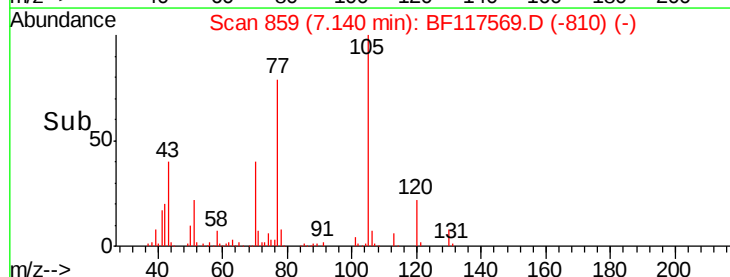
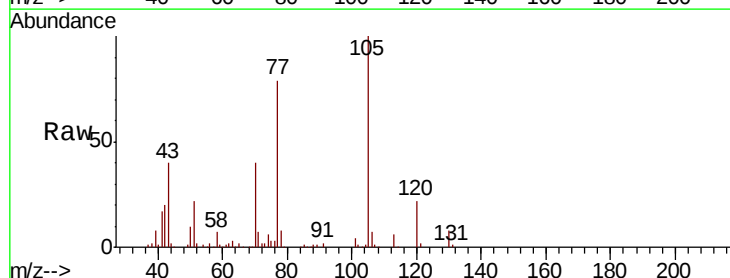
Manual Integrations
APPROVED

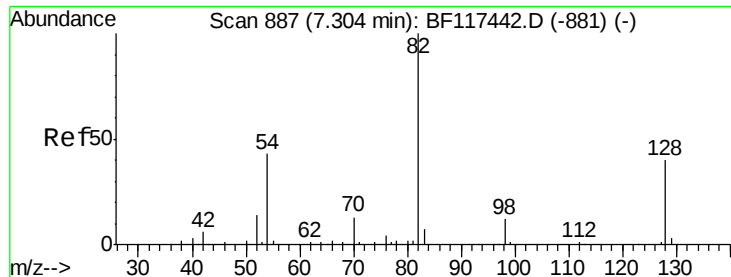
mohammad
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#22
Acetophenone
Concen: 38.690 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	164793		
71	6.7	6.2	9.2	
51	22.3	21.8	32.6	
120	22.2	16.7	25.1	





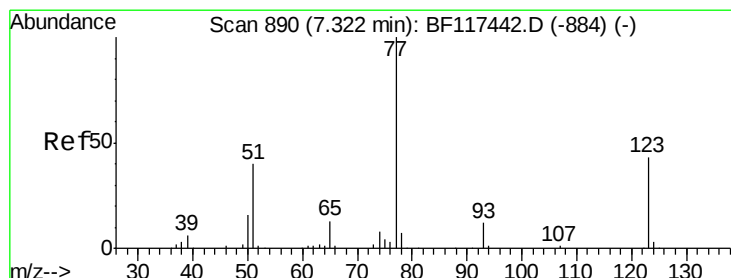
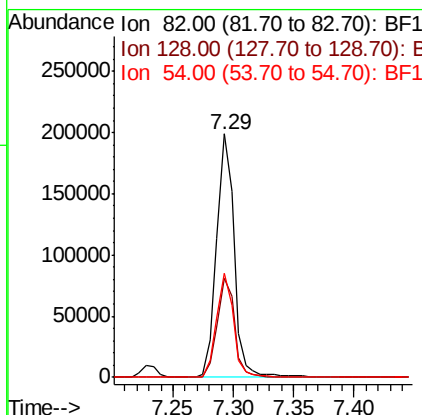
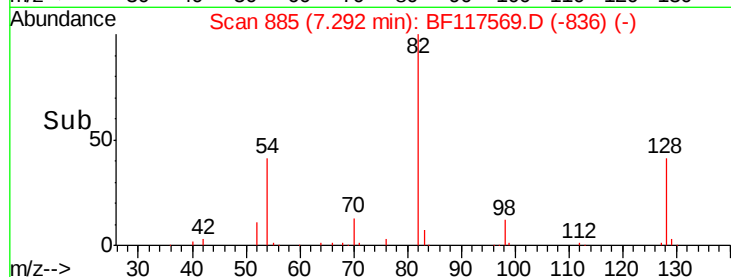
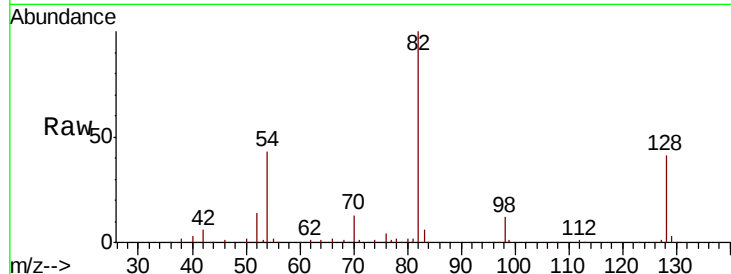
#23
Nitrobenzene-d5
Concen: 61.067 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
82	100	198414		
128	40.5	32.2	48.2	
54	42.6	34.2	51.2	

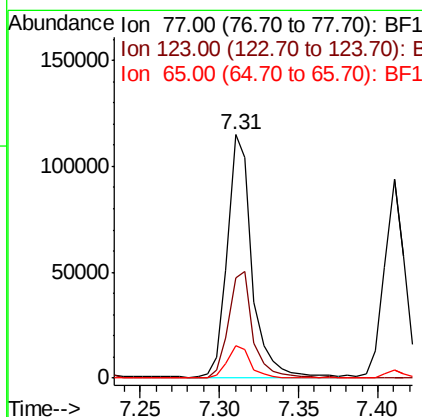
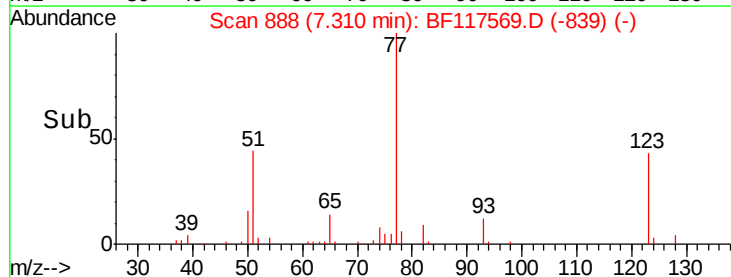
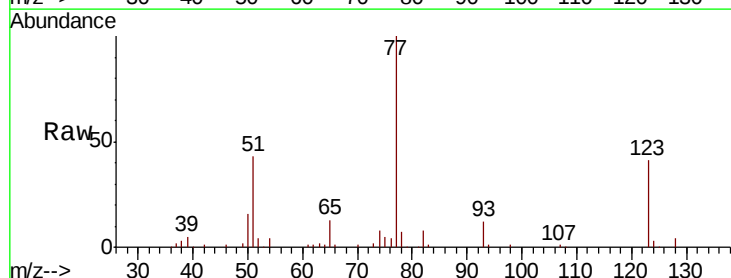
Manual Integrations
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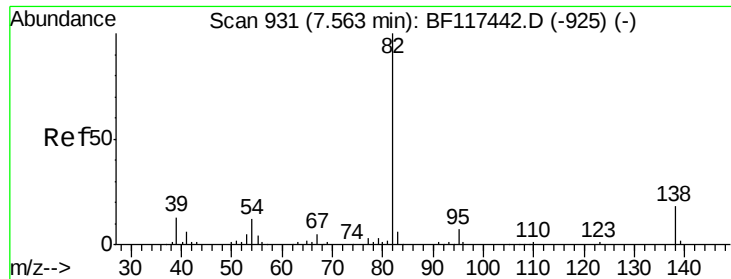
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#24
Nitrobenzene
Concen: 39.838 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	123976		
123	41.2	34.2	51.2	
65	13.4	10.3	15.5	





#25

Isophorone

Concen: 38.525 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_F

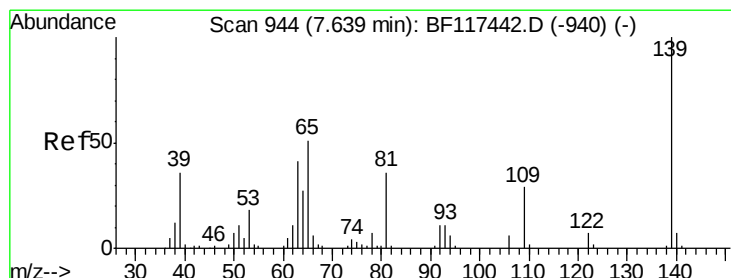
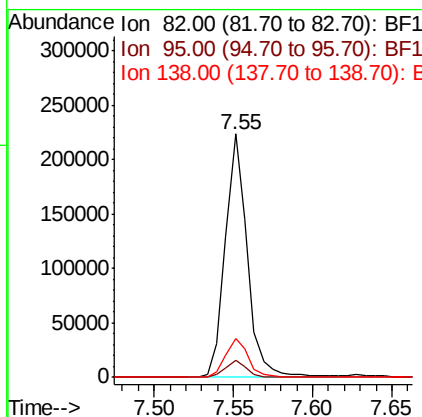
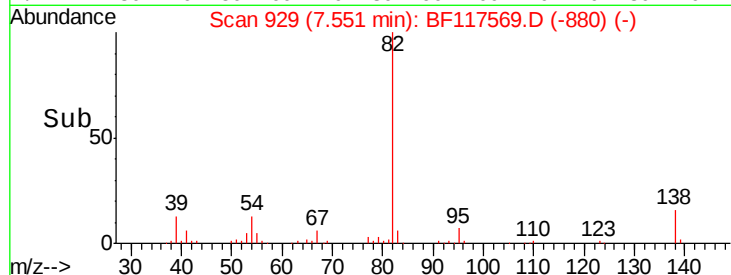
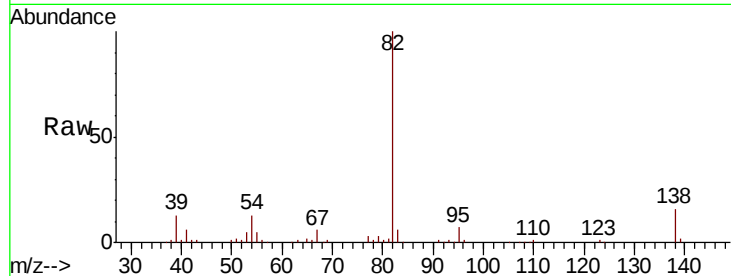
ClientSampleId :

184-40-(0-2)

Tot Ion:	82	Resp:	216542
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.4	8.0
138	16.1	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 40.205 ng

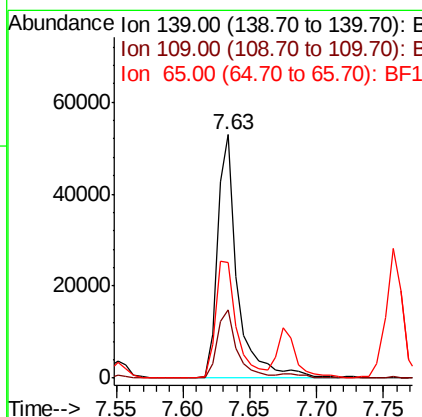
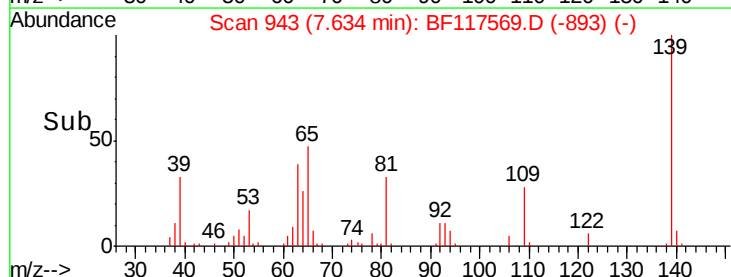
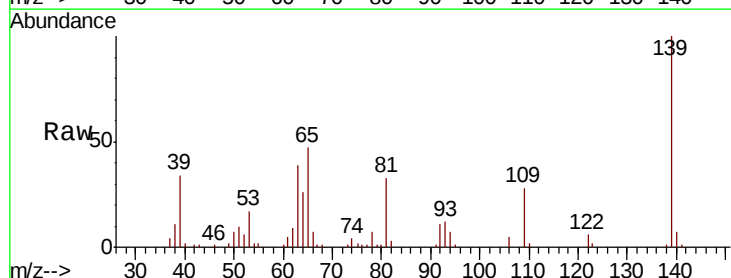
RT: 7.63 min Scan# 943

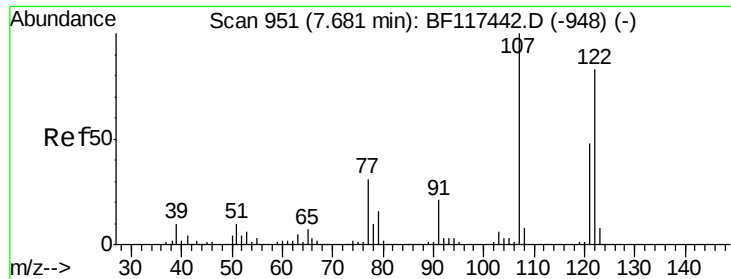
Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Tgt Ion:	139	Resp:	55803
Ion Ratio		Lower	Upper
139	100		
109	28.3	23.2	34.8
65	47.4	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 44.694 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_F

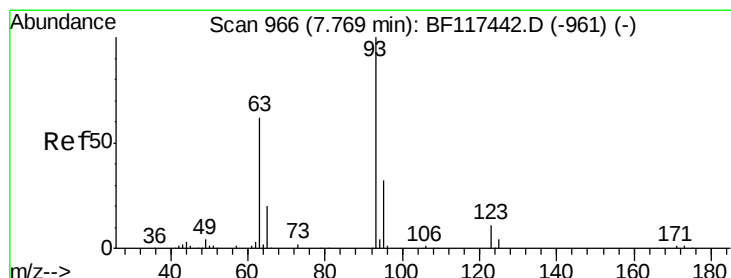
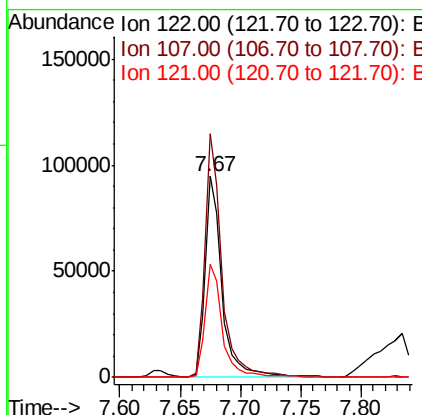
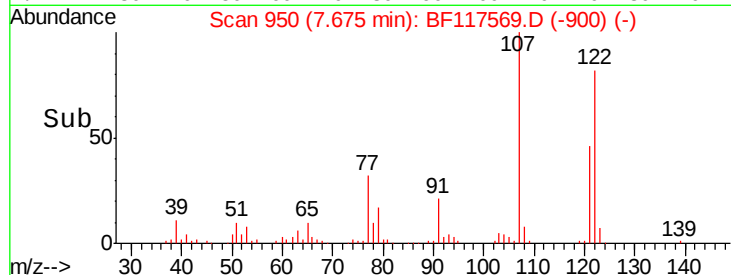
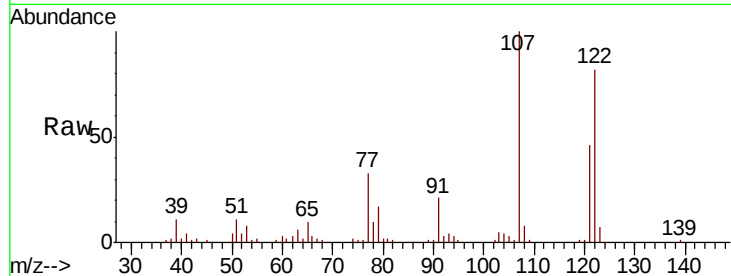
ClientSampleId :

184-40-(0-2)

Tot Ion:	122	Resp:	92708
Ion Ratio	Lower	Upper	
122	100		
107	121.3	96.8	145.2
121	56.2	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 37.450 ng

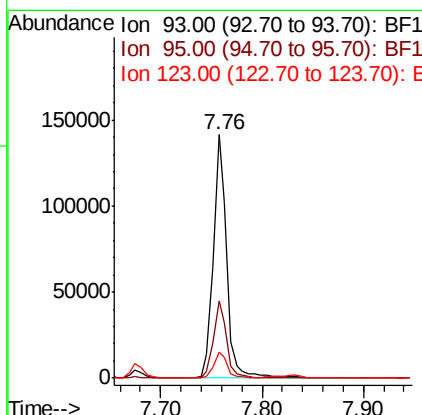
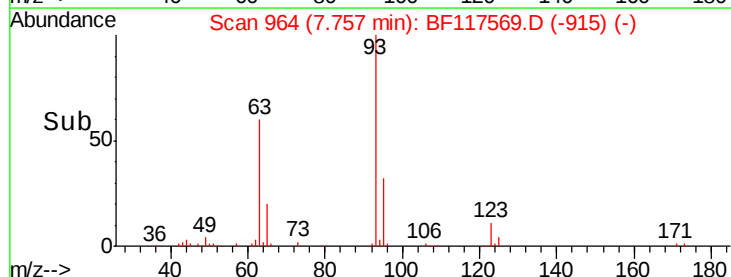
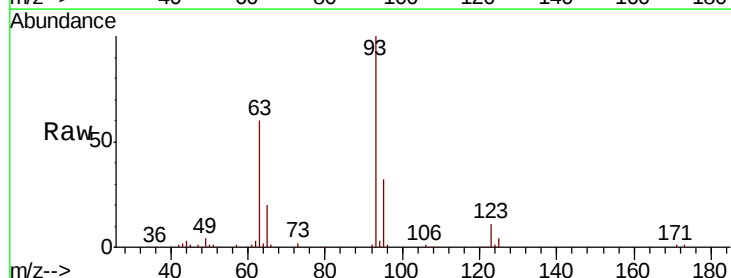
RT: 7.76 min Scan# 964

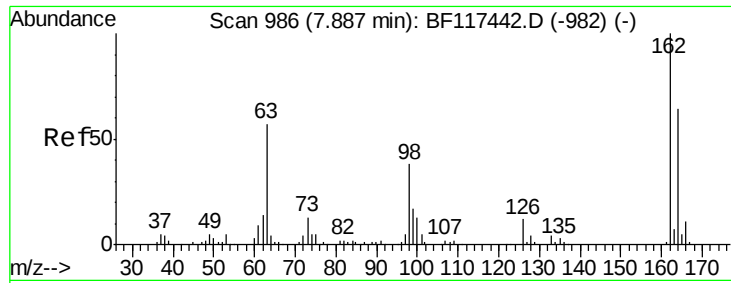
Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Tgt Ion:	93	Resp:	129887
Ion Ratio	Lower	Upper	
93	100		
95	31.5	25.5	38.3
123	10.7	9.0	13.6





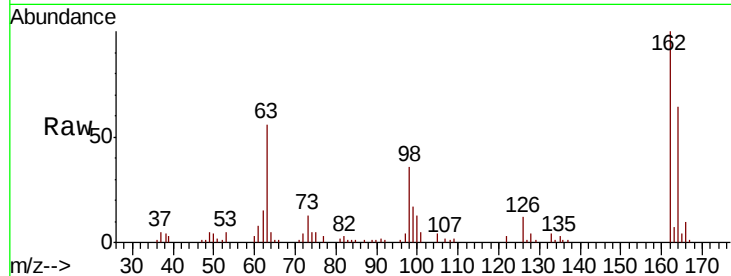
#29
2,4-Dichlorophenol
Concen: 39.857 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

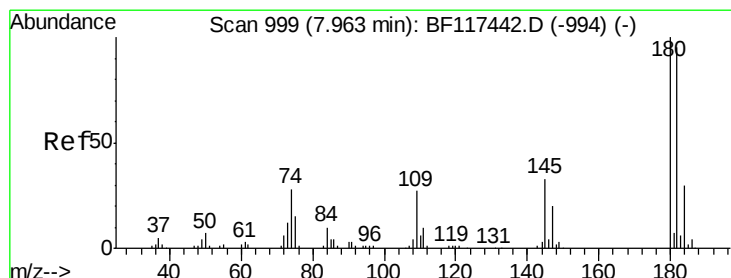
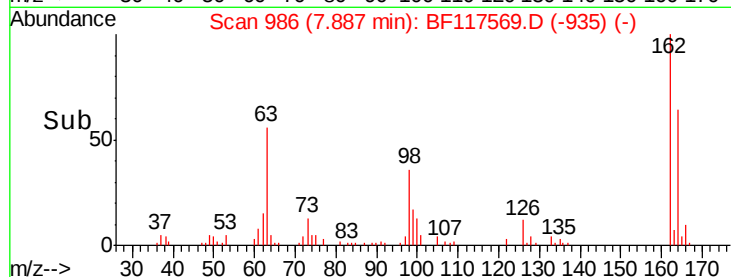
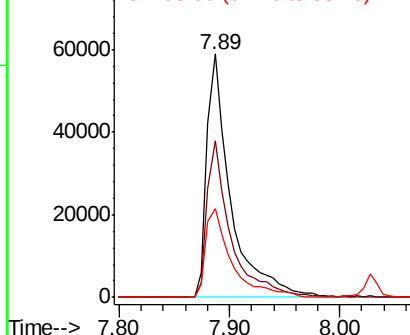
Tot Ion:	162	Resp:	86716
Ion Ratio	Lower	Upper	
162	100		
164	64.4	44.4	84.4
98	36.3	18.2	58.2

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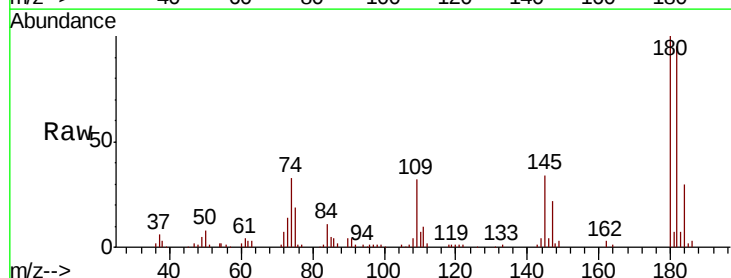


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

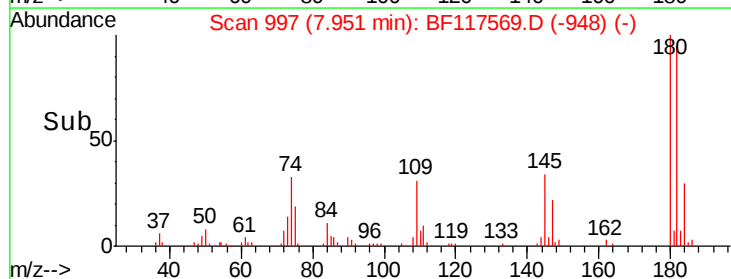
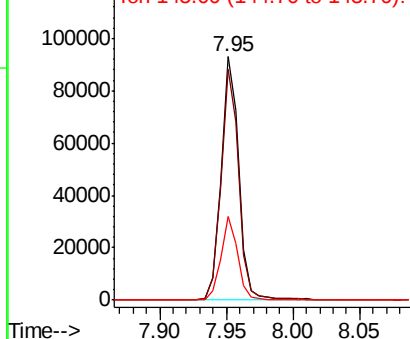


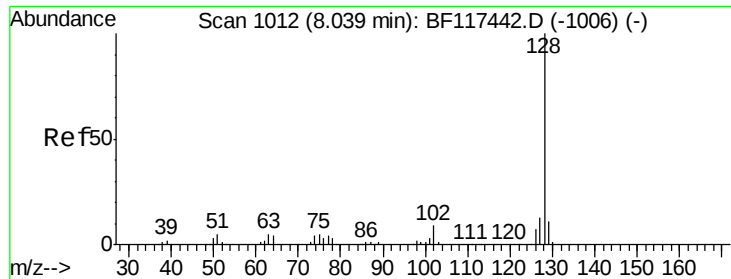
#30
1,2,4-Trichlorobenzene
Concen: 37.478 ng
RT: 7.95 min Scan# 997
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:	180	Resp:	87503
Ion Ratio	Lower	Upper	
180	100		
182	94.6	75.8	113.8
145	34.2	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





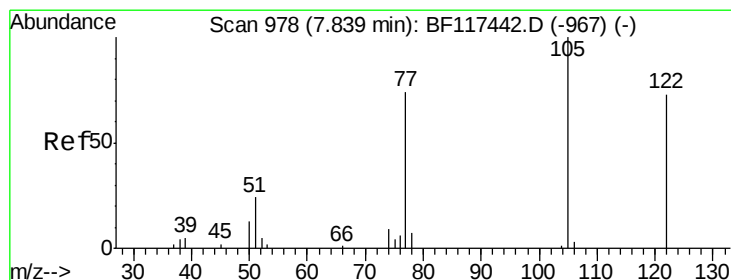
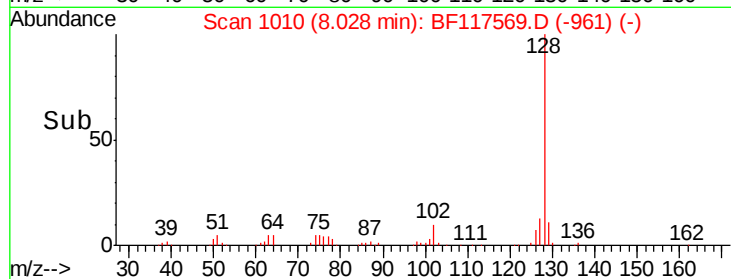
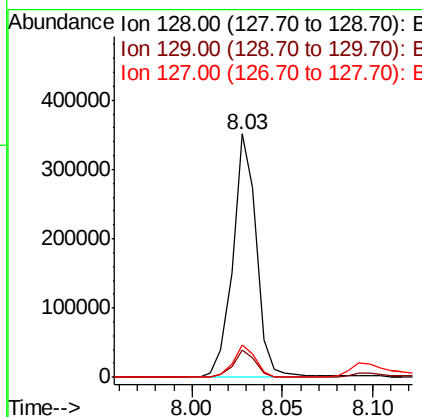
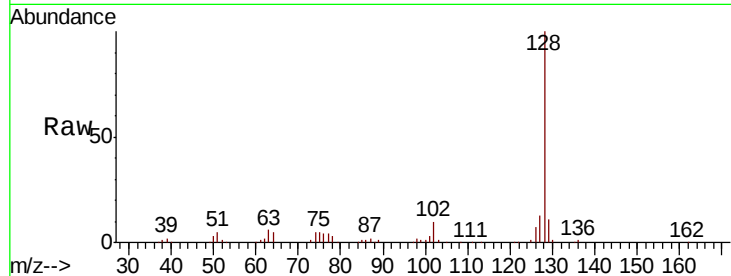
#31
Naphthalene
Concen: 40.131 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.4
127	13.1	10.2	15.2

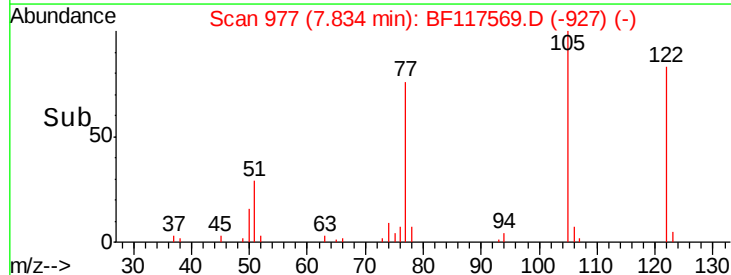
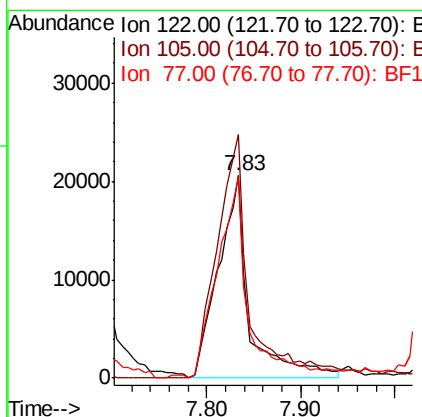
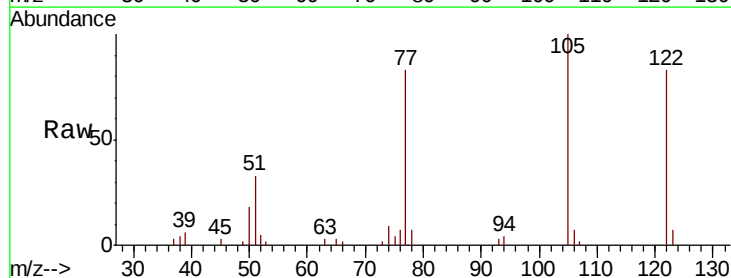
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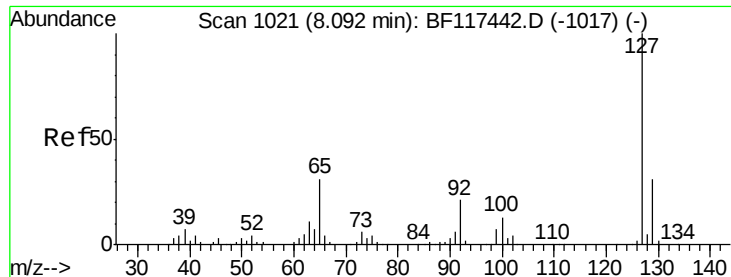
mohammad
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#32
Benzoic acid
Concen: 33.118 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.2	115.0	155.0
77	99.7	79.7	119.7





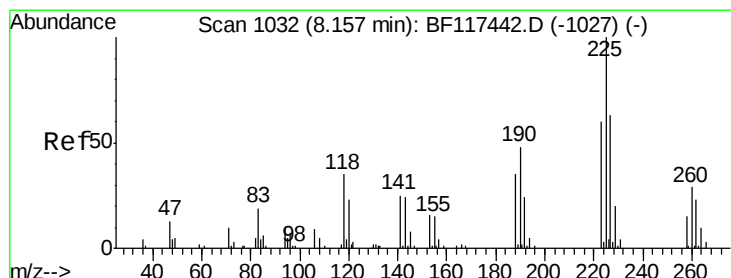
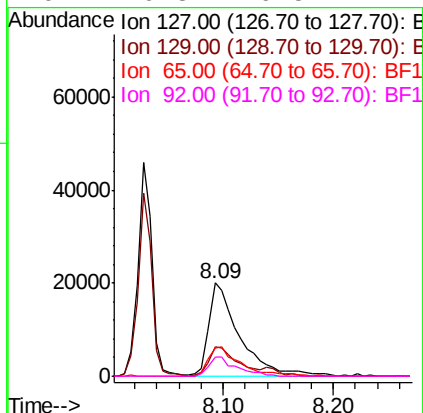
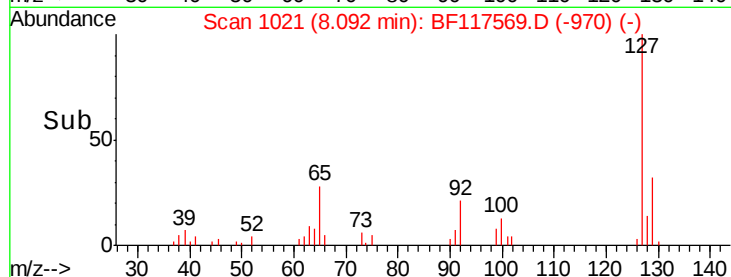
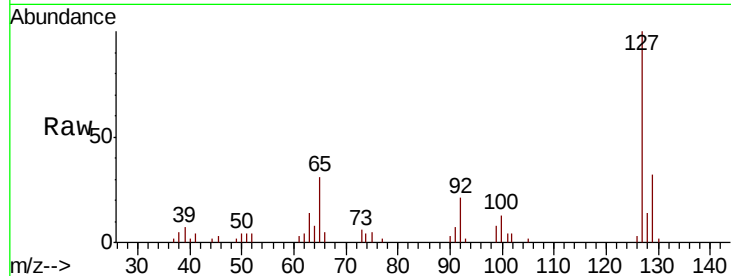
#33
4-Chloroaniline
Concen: 11.427 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
127	100		
129	31.6	24.8	37.2
65	30.9	24.6	37.0
92	20.8	16.5	24.7

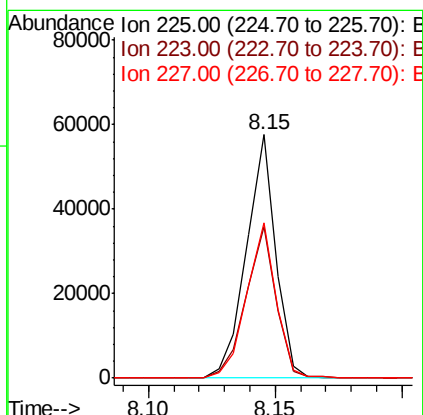
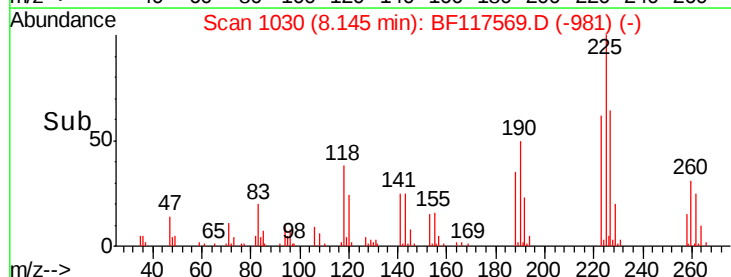
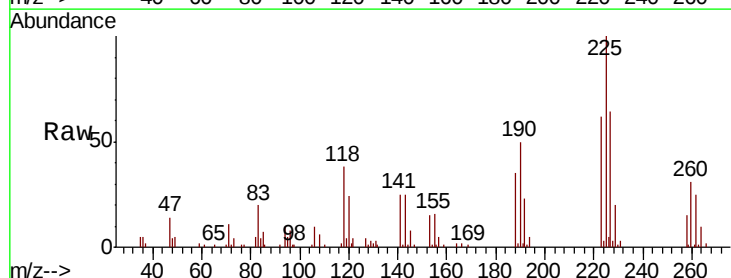
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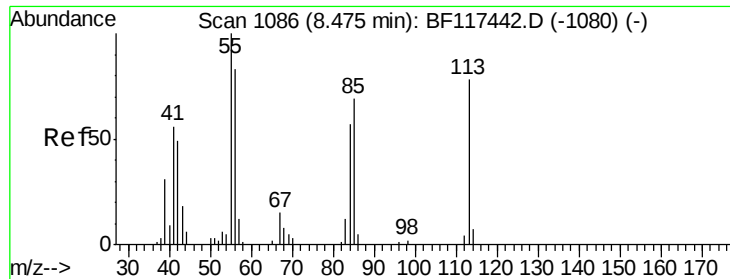
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#34
Hexachlorobutadiene
Concen: 34.346 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	48.2	72.4
227	63.8	50.2	75.4





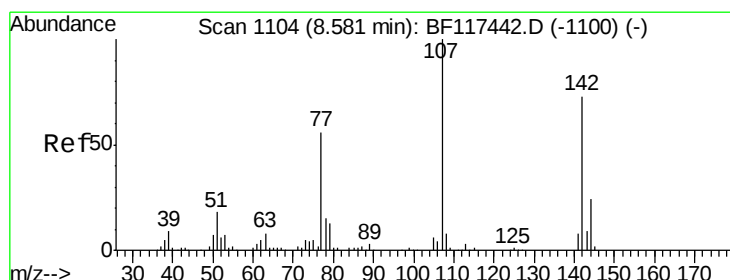
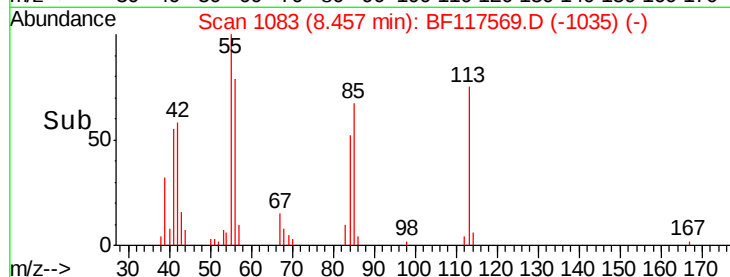
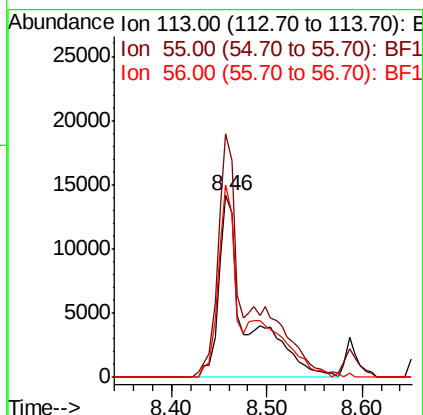
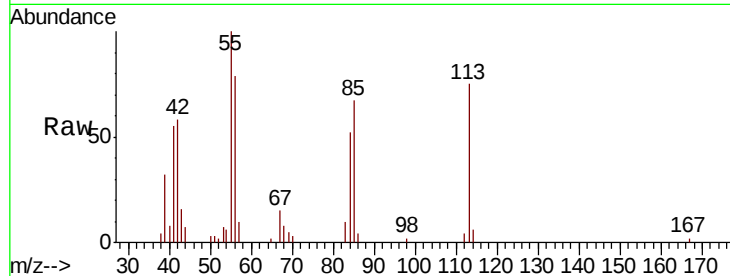
#35
Caprolactam
Concen: 41.580 ng/ml
RT: 8.46 min Scan# 1083
Delta R.T. -0.02 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	133.7	108.8	148.8	
56	106.0	87.2	127.2	

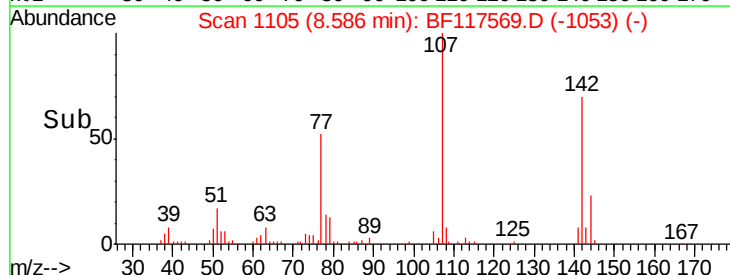
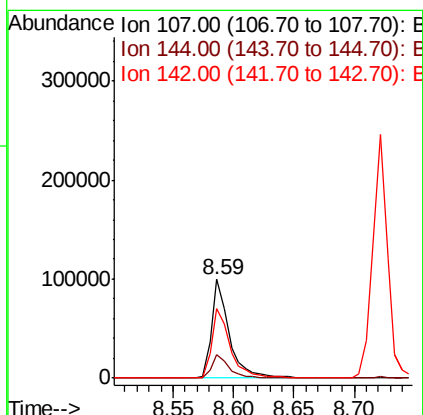
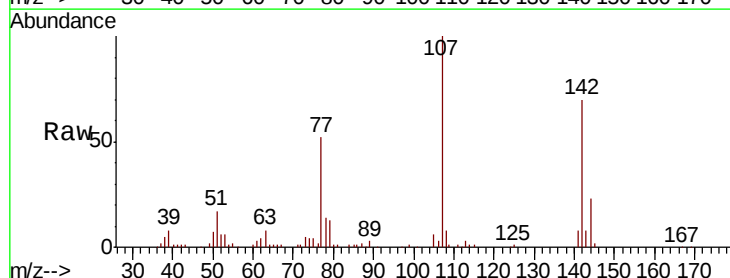
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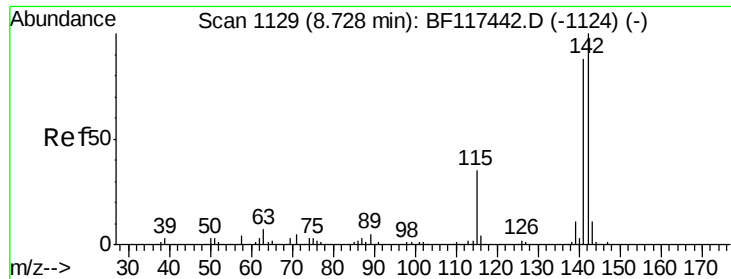
mohammad
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#36
4-Chloro-3-methylphenol
Concen: 40.388 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.1	18.9	28.3	
142	70.0	58.6	88.0	





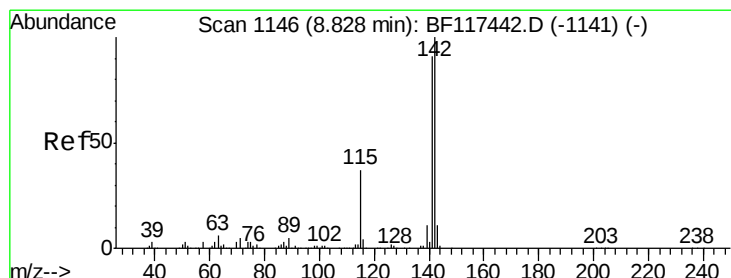
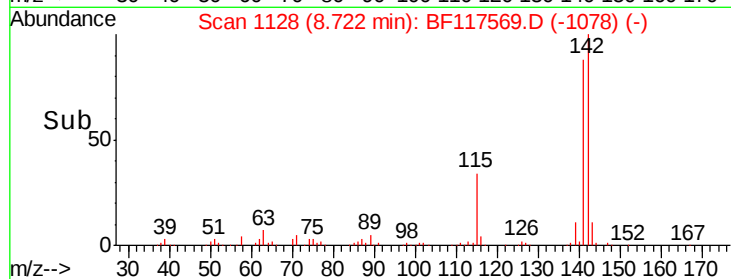
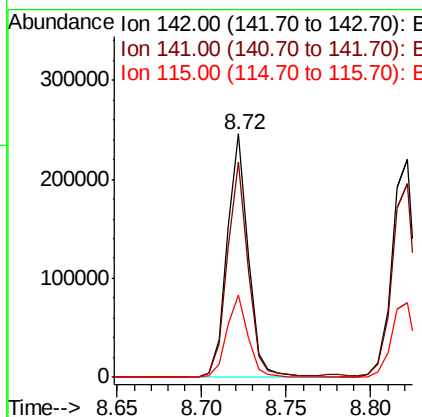
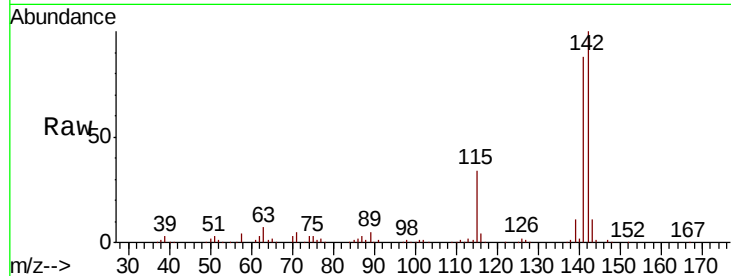
#37
2-Methylnaphthalene
Concen: 39.849 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.3	105.5
115	33.8	28.2	42.2

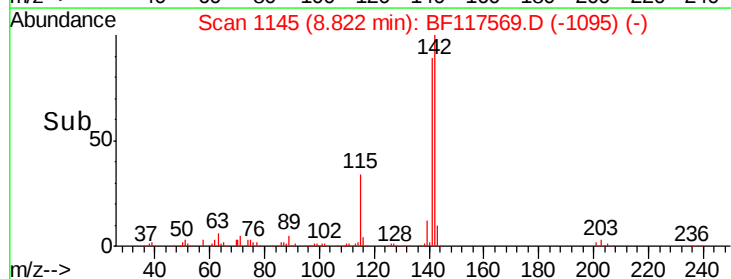
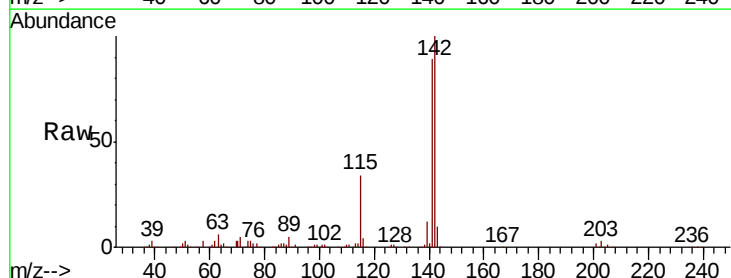
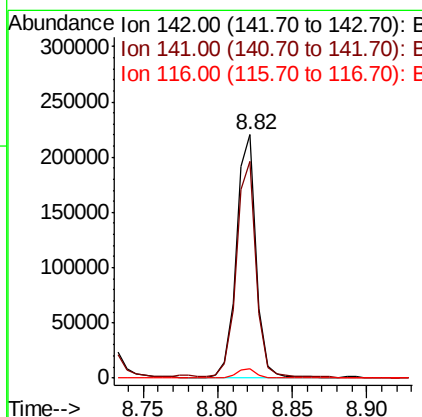
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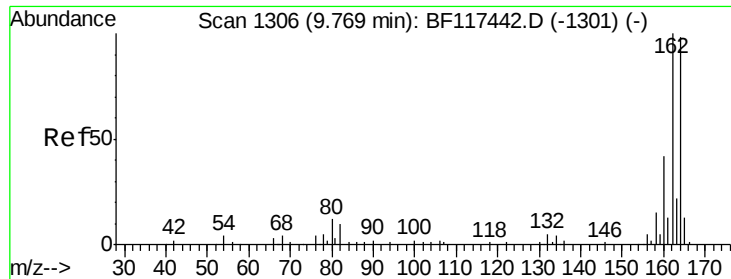
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#38
1-Methylnaphthalene
Concen: 40.119 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.8	73.3	109.9
116	3.7	3.1	4.7





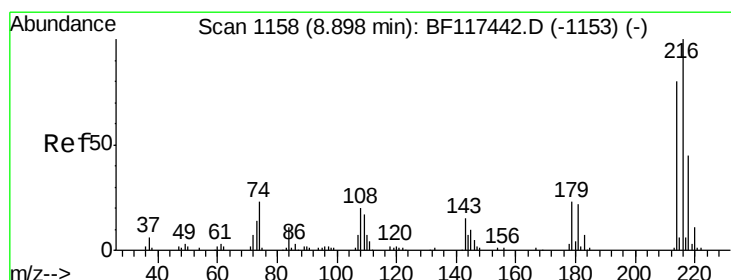
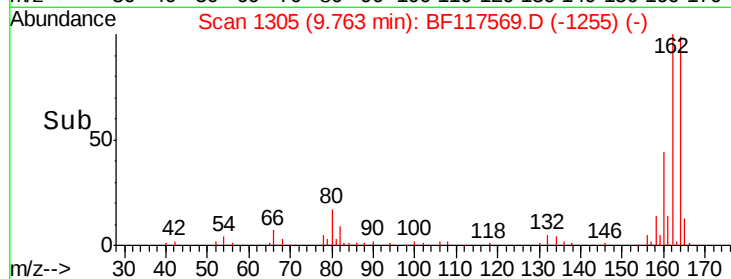
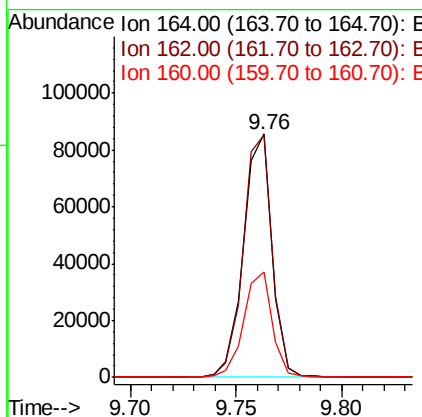
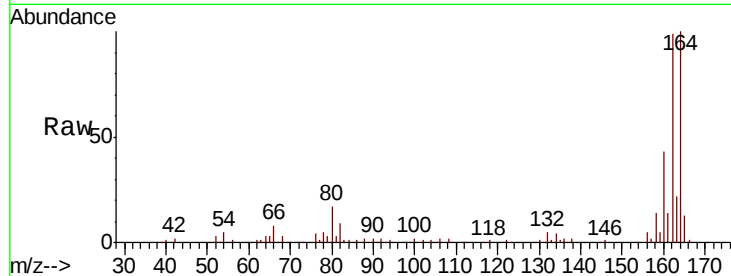
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.8	122.6
160	43.4	34.4	51.6

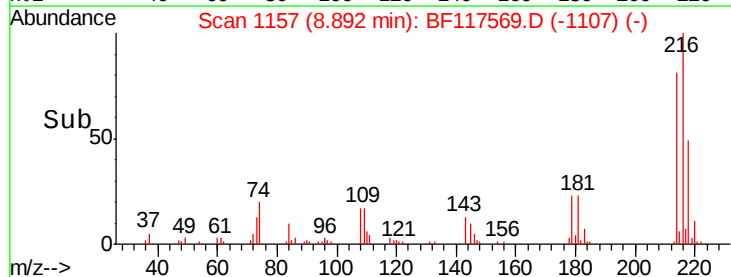
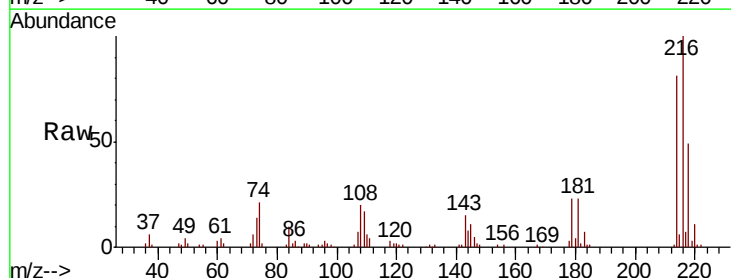
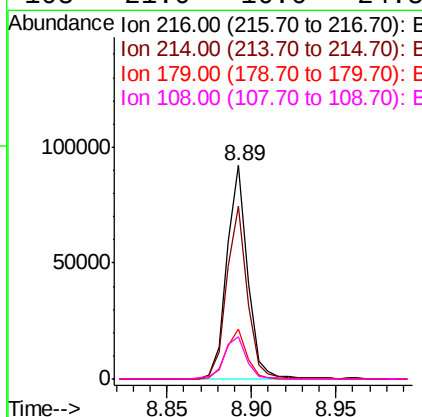
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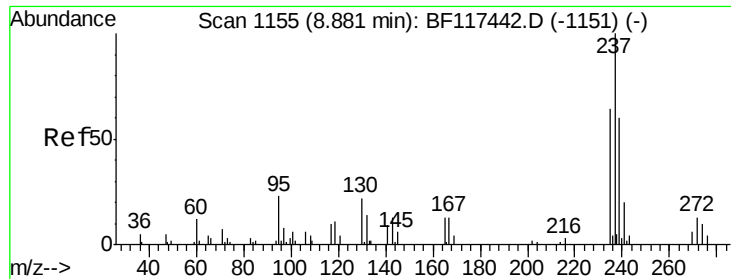
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.532 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
216	100		
214	80.0	62.4	93.6
179	23.1	18.1	27.1
108	21.0	16.6	24.8





#41

Hexachlorocyclopentadiene

Concen: 23.447 ng

RT: 8.87 min Scan# 1153

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_F

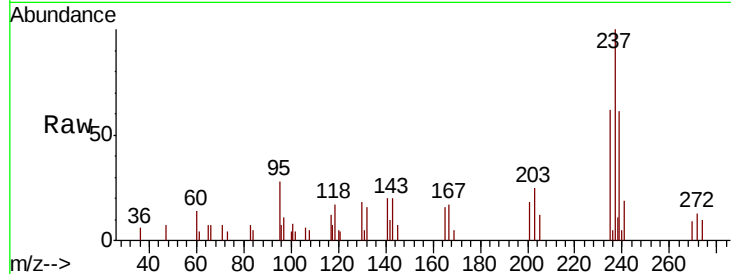
ClientSampleId :

184-40-(0-2)

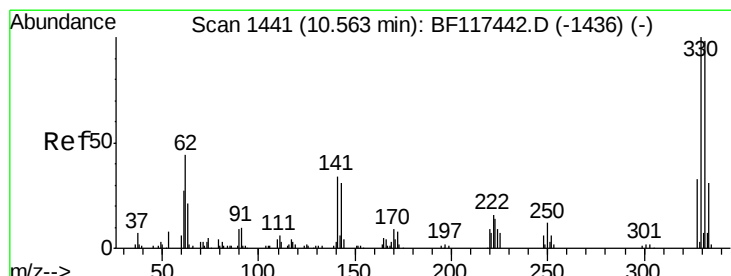
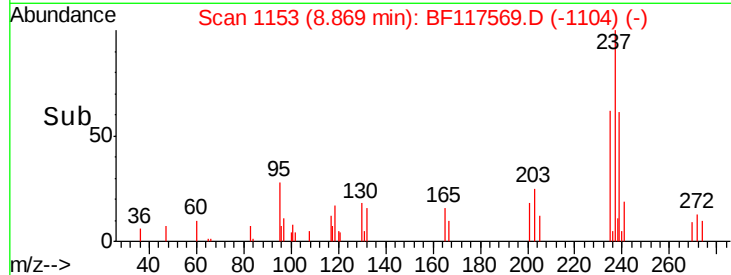
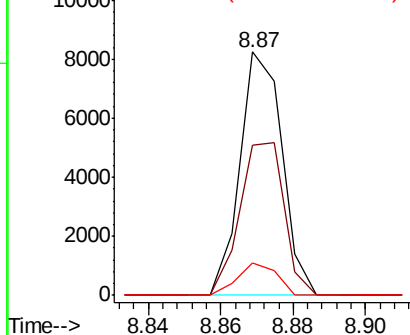
Tot Ion:	237	Resp:	6711
Ion Ratio	Lower	Upper	
237	100		
235	61.5	44.3	84.3
272	13.4	0.0	33.2

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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: 79.084 ng

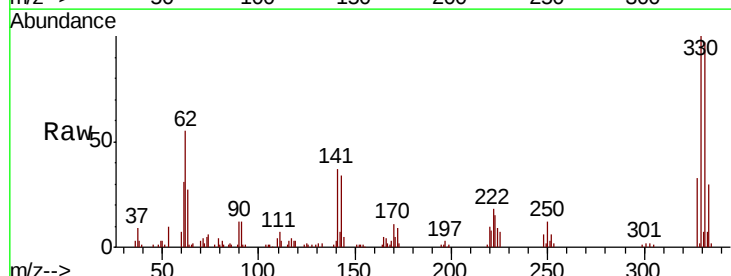
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

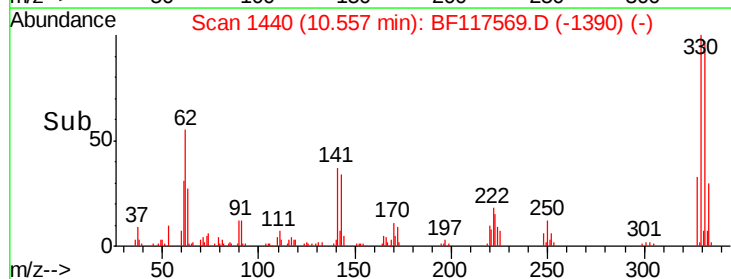
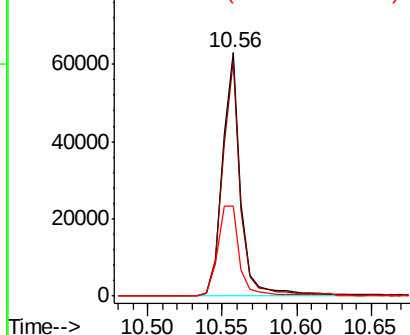
Lab File: BF117569.D

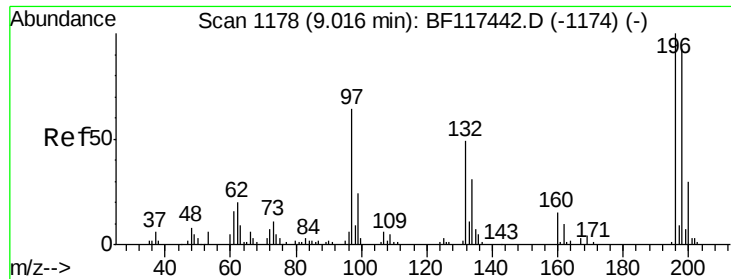
Acq: 28 Oct 2019 18:45

Tgt Ion:	330	Resp:	54846
Ion Ratio	Lower	Upper	
330	100		
332	95.9	78.5	117.7
141	43.4	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





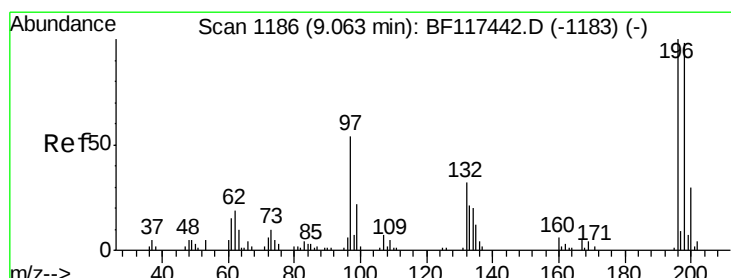
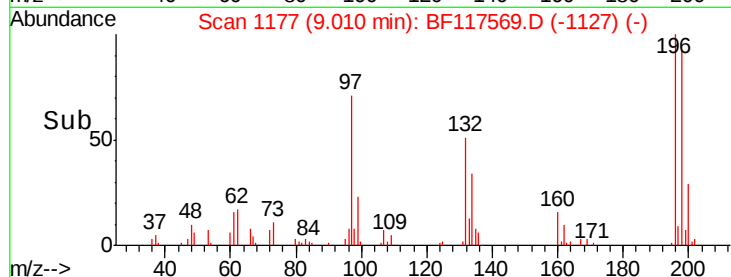
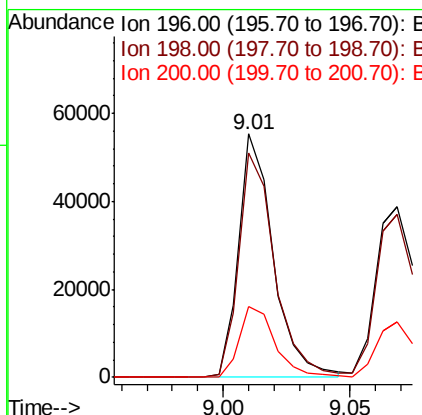
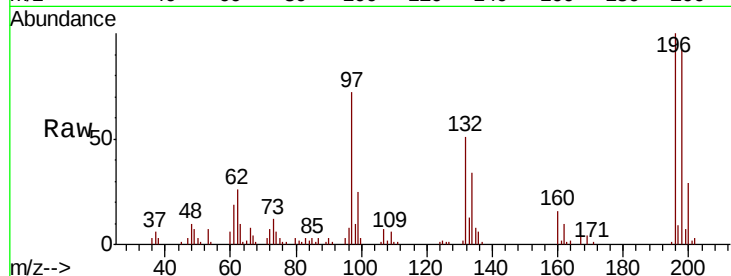
#43
 2,4,6-Trichlorophenol
 Concen: 39.054 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion:	196	Resp:	52797
Ion Ratio	Lower	Upper	
196	100		
198	92.1	74.1	111.1
200	29.1	23.9	35.9

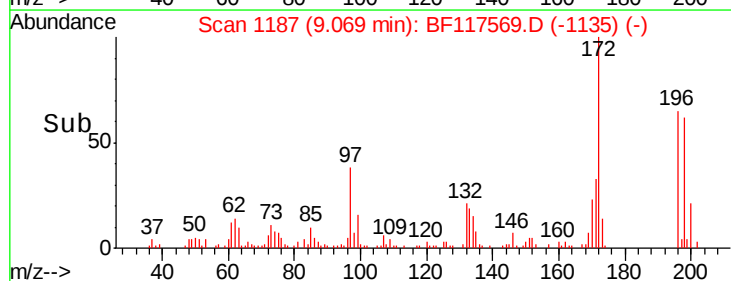
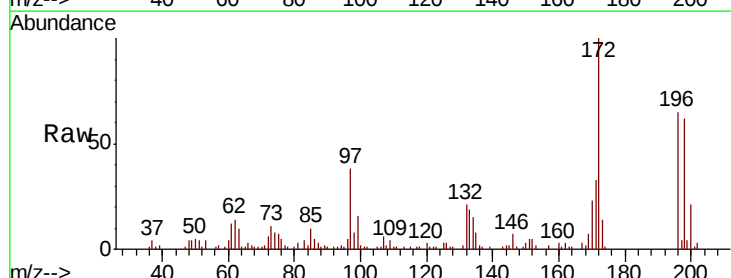
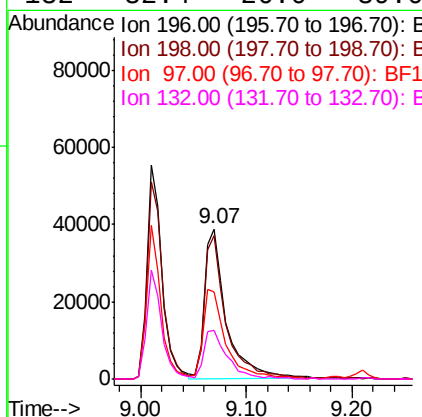
Manual Integrations
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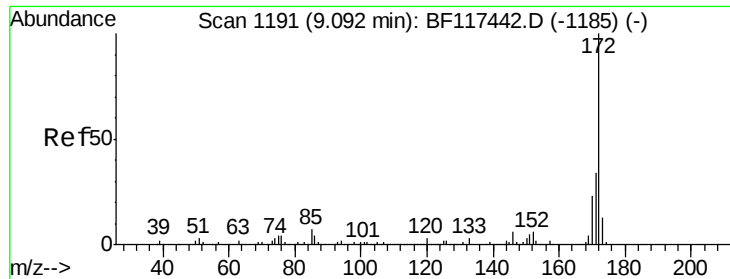
mohammad
 10/30/2019 4:51:22 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.304 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion:	196	Resp:	55212
Ion Ratio	Lower	Upper	
196	100		
198	95.2	78.6	117.8
97	58.3	43.4	65.2
132	32.4	26.0	39.0





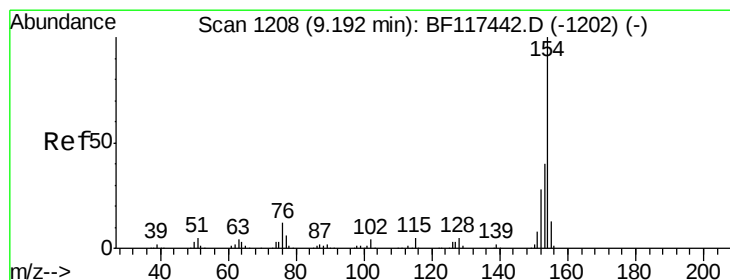
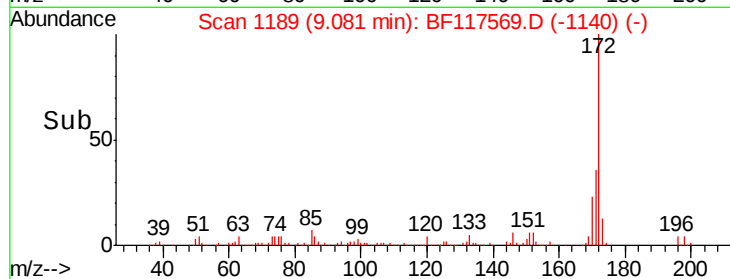
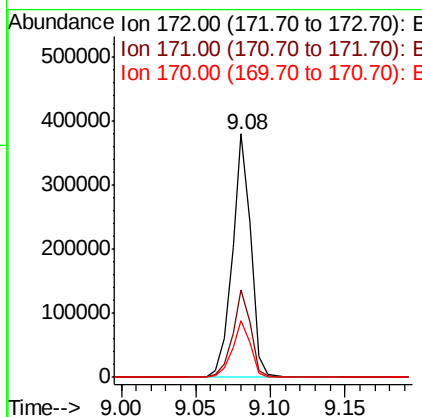
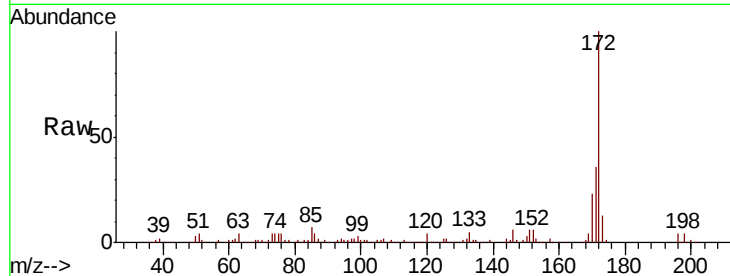
#45
2-Fluorobiphenyl
Concen: 58.372 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion:172	Resp:	332050
Ion Ratio	Lower	Upper
172 100		
171 35.9	27.5	41.3
170 23.3	18.6	27.8

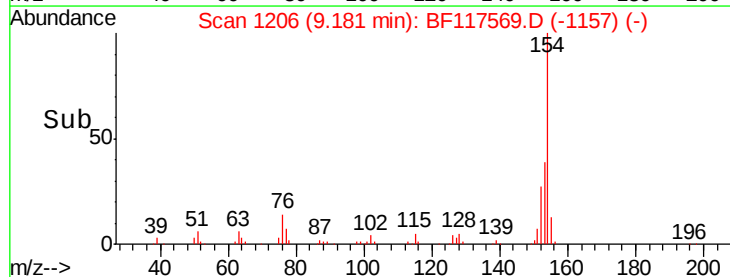
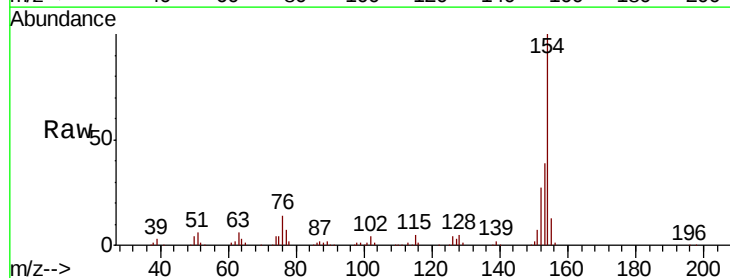
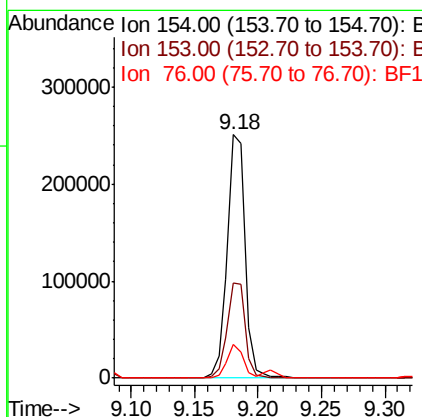
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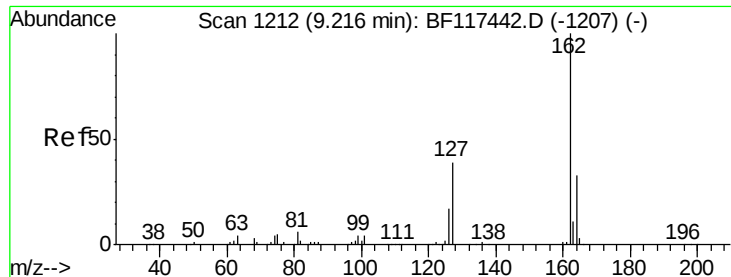
mohammad
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#46
1,1'-Biphenyl
Concen: 36.909 ng
RT: 9.18 min Scan# 1206
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:154	Resp:	244908
Ion Ratio	Lower	Upper
154 100		
153 39.0	20.2	60.2
76 14.0	0.0	32.1





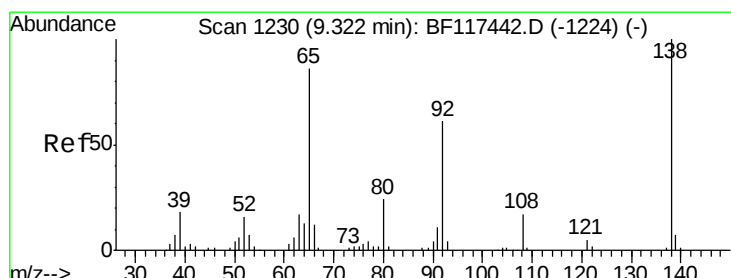
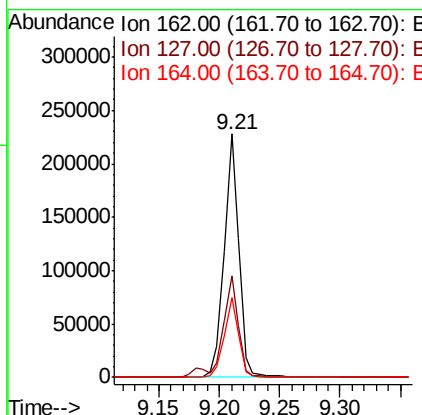
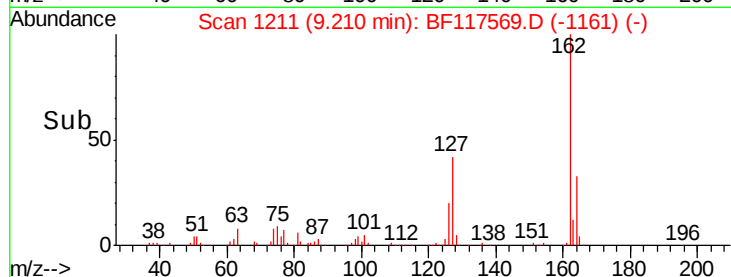
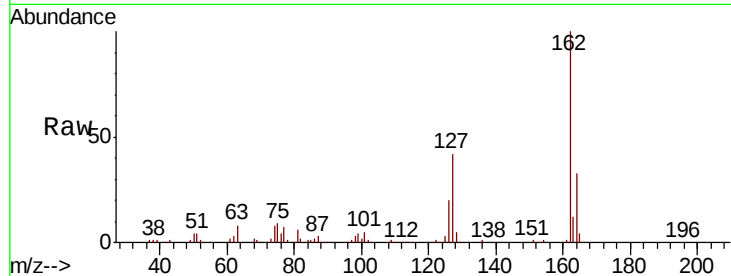
#47
 2-Chloronaphthalene
 Concen: 38.269 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion:	162	Resp:	191460
Ion Ratio	Lower	Upper	
162	100		
127	41.7	34.2	51.4
164	32.8	26.4	39.6

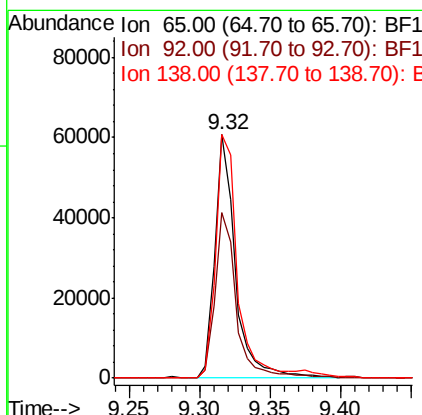
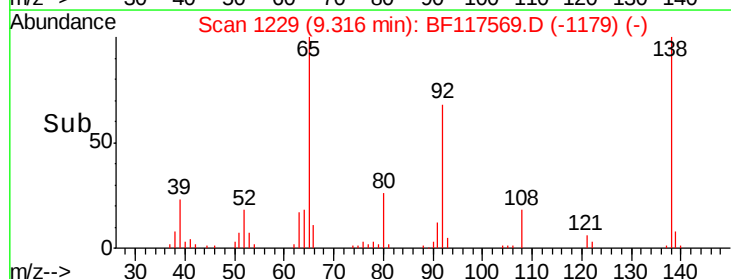
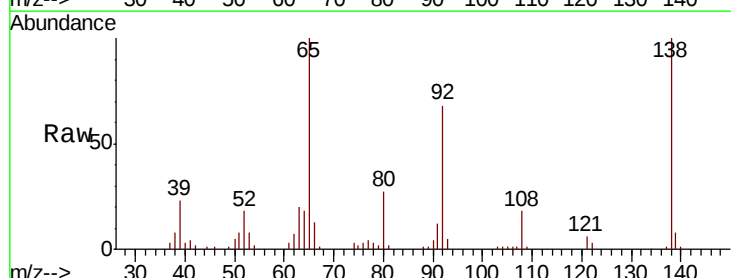
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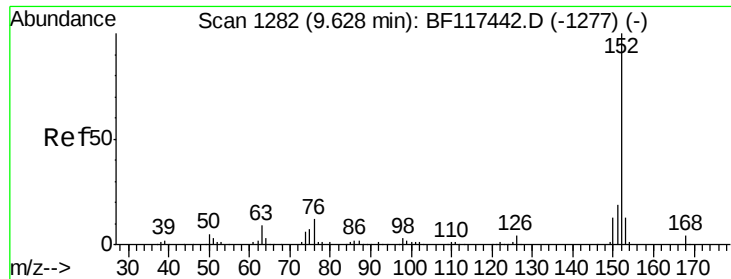
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#48
 2-Nitroaniline
 Concen: 37.524 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion:	65	Resp:	61628
Ion Ratio	Lower	Upper	
65	100		
92	68.0	57.3	85.9
138	100.1	93.3	139.9





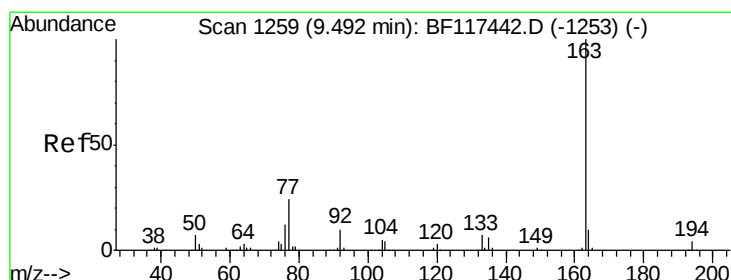
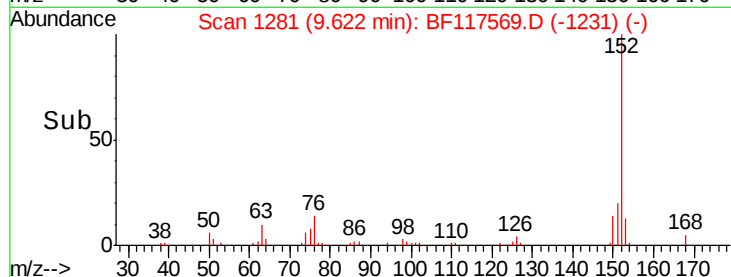
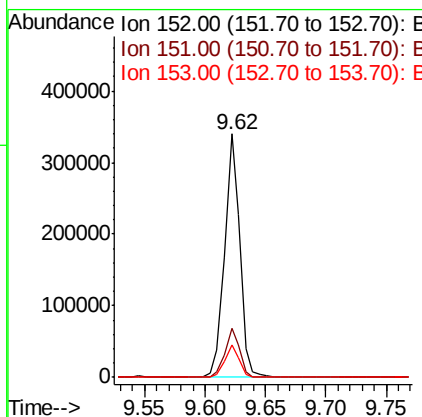
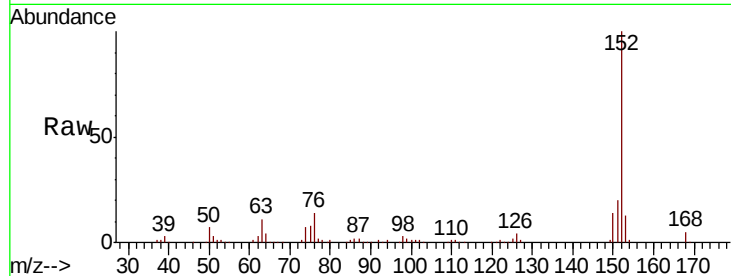
#49
Acenaphthylene
Concen: 40.193 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
152	100	295359		
151	20.1		15.4	23.0
153	13.1		10.3	15.5

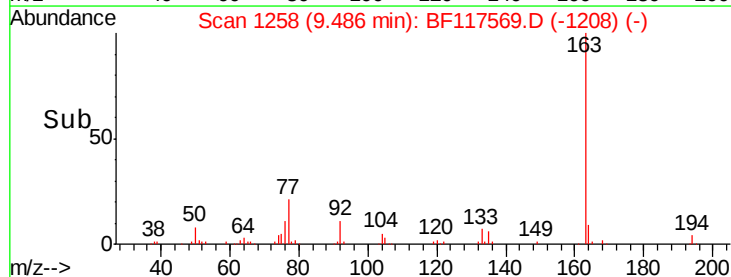
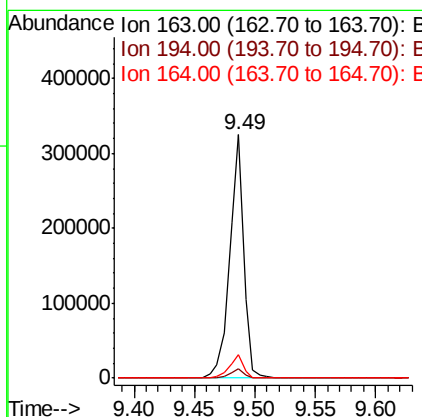
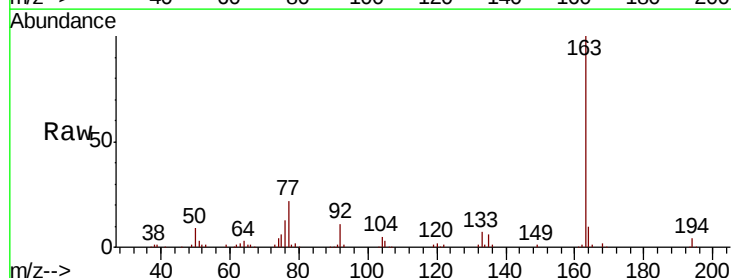
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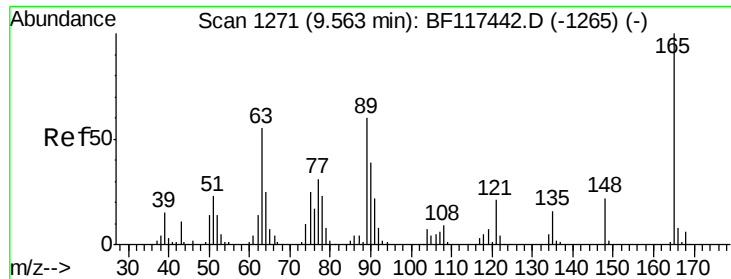
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#50
Dimethylphthalate
Concen: 45.995 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	262811		
194	3.7		2.9	4.3
164	9.6		8.2	12.2





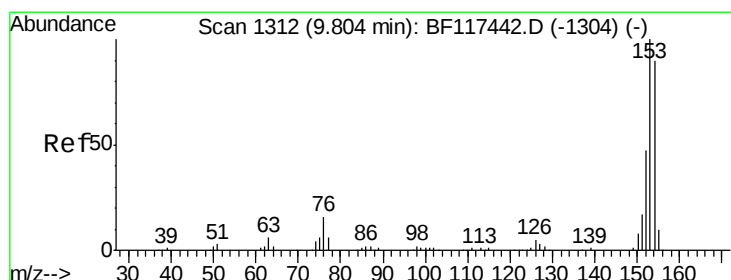
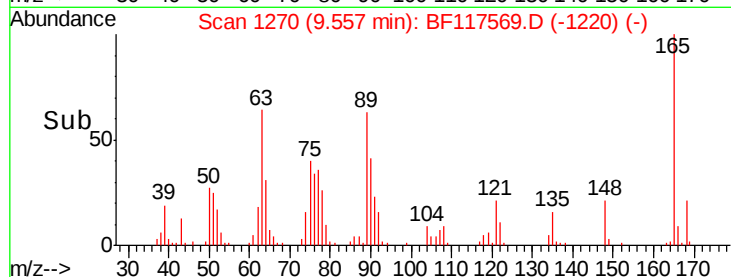
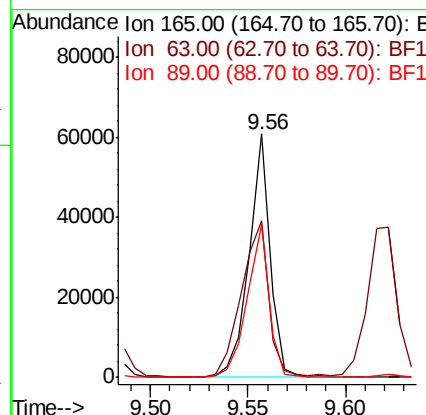
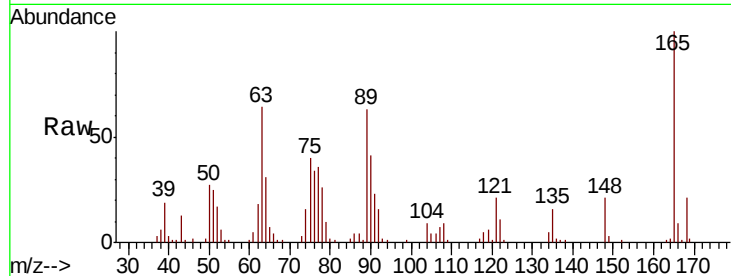
#51
2,6-Dinitrotoluene
Concen: 38.310 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
165	100	45679		
63	64.5	43.8	65.8	
89	62.7	47.6	71.4	

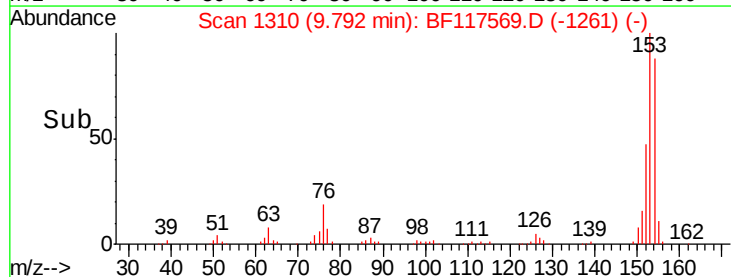
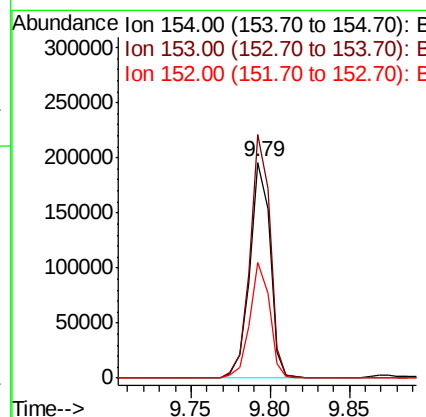
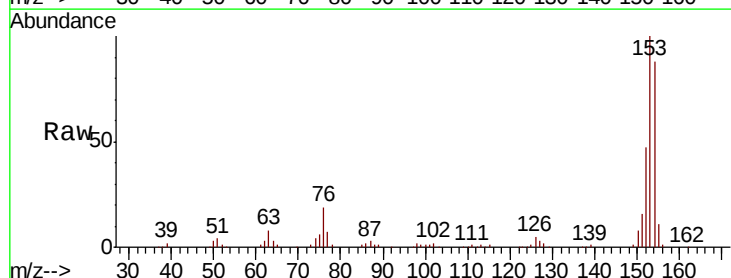
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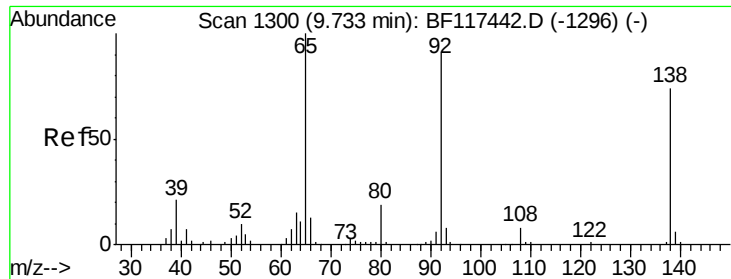
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#52
Acenaphthene
Concen: 38.464 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	173415		
153	113.0	89.2	133.8	
152	53.6	41.8	62.6	





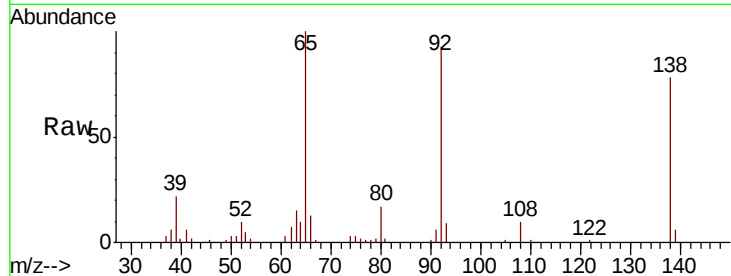
#53
3-Nitroaniline
Concen: 18.894 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

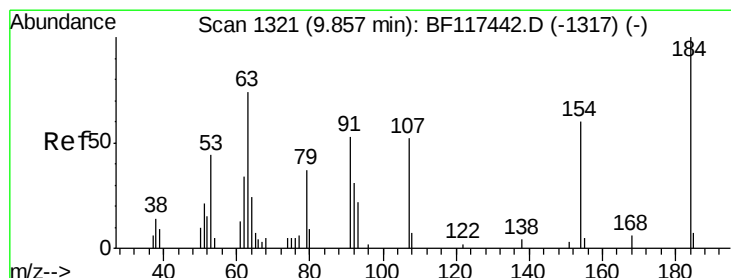
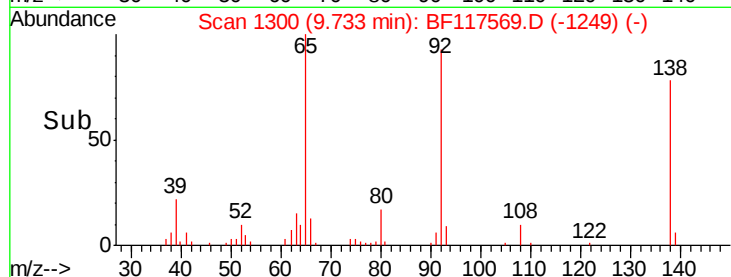
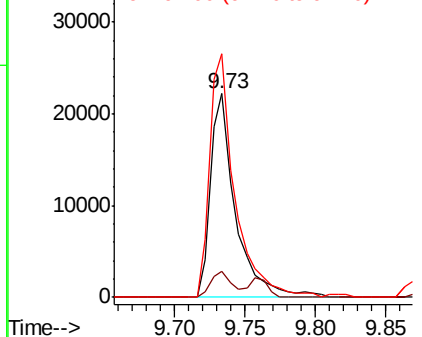
Tot Ion	Ratio	Lower	Upper
138	100		
108	12.9	8.7	13.1
92	119.5	98.4	147.6

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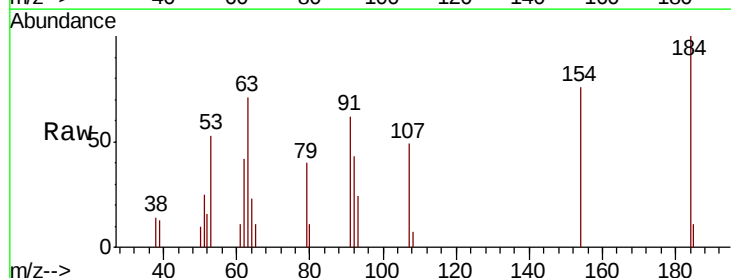


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

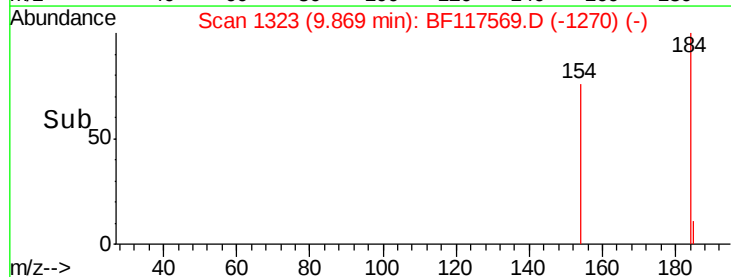
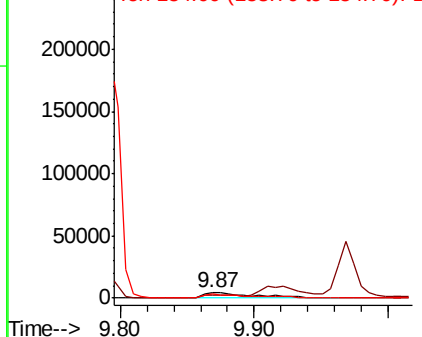


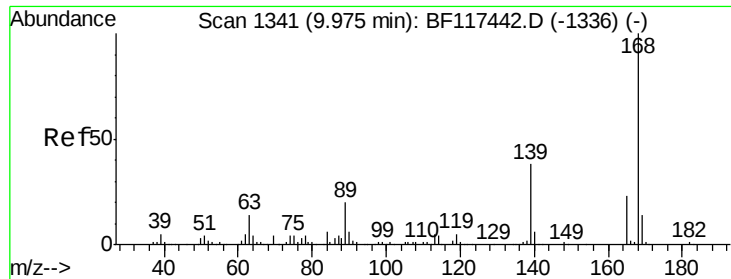
#54
2,4-Dinitrophenol
Concen: 26.517 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
184	100		
63	70.6	59.2	88.8
154	76.3	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





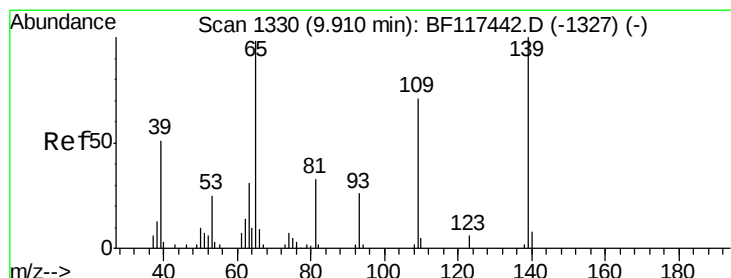
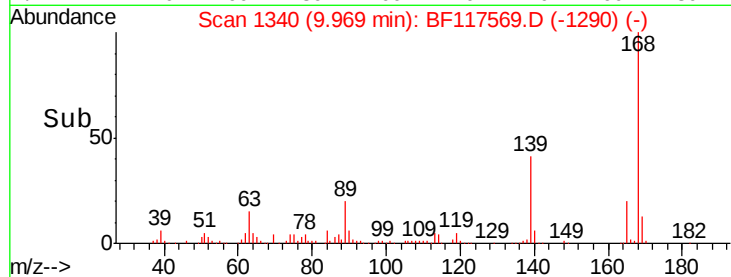
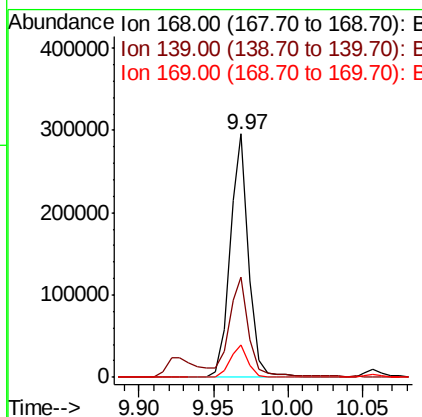
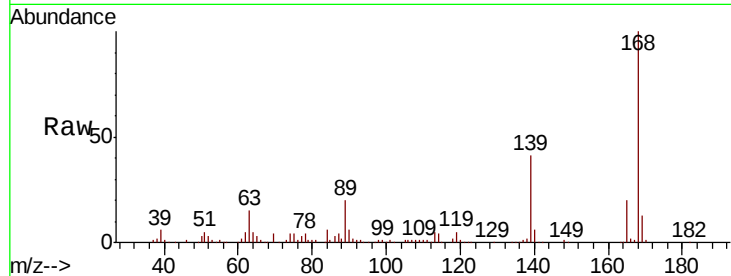
#55
Dibenzofuran
Concen: 39.625 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
168	100	258828		
139	41.0		31.8	47.6
169	13.3		11.2	16.8

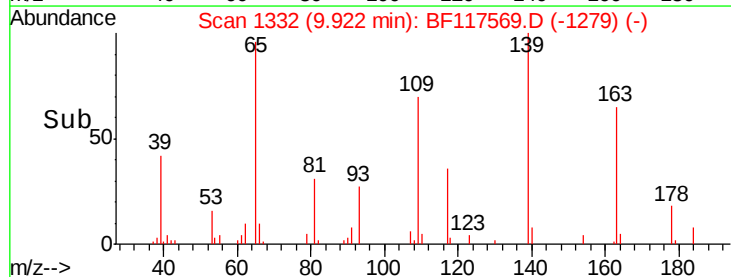
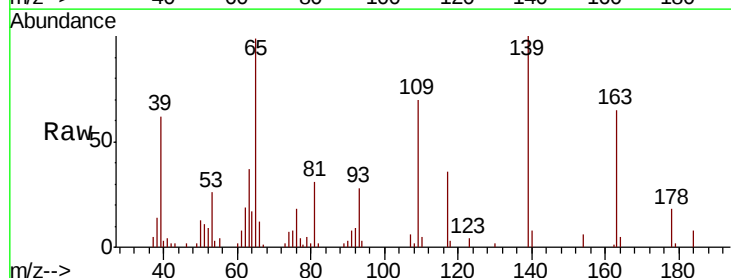
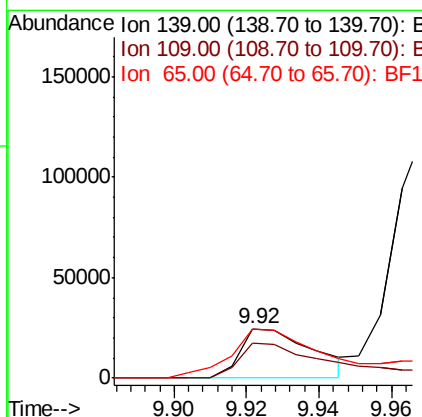
Manual Integrations
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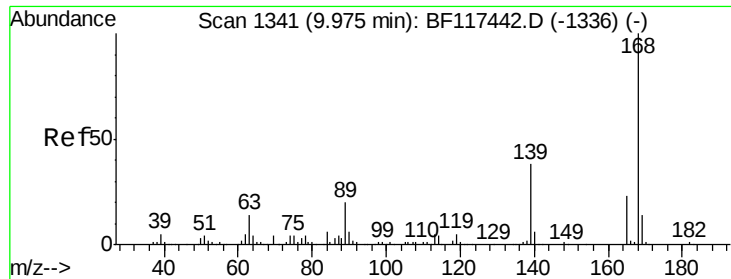
mohammad
10/30/2019 4:51:22 PM



#56
4-Nitrophenol
Concen: 52.380 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	33881		
109	70.0		51.4	91.4
65	99.3		79.4	119.4





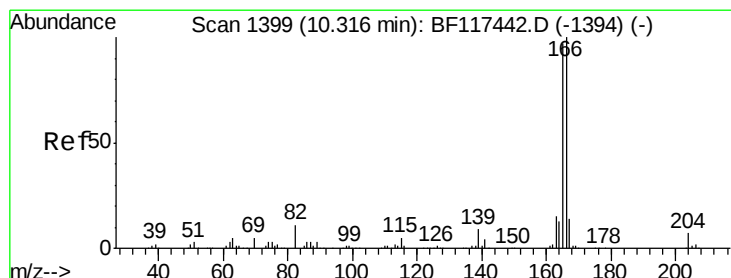
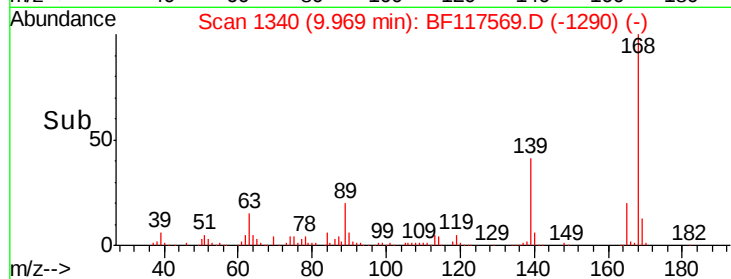
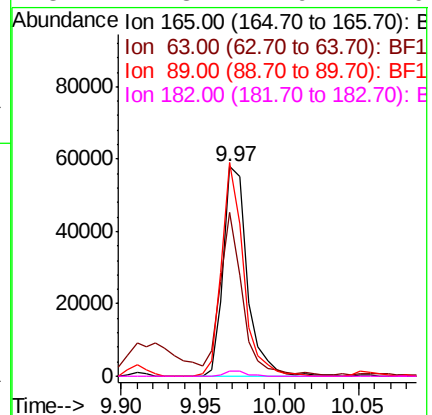
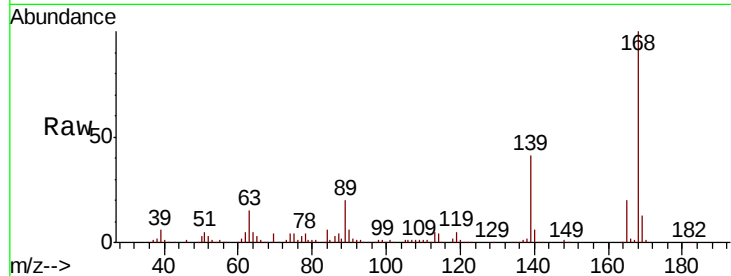
#57
2,4-Dinitrotoluene
Concen: 38.486 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
165	100	61011		
63	78.4	51.4	77.0	
89	101.9	69.9	104.9	
182	2.3	1.9	2.9	

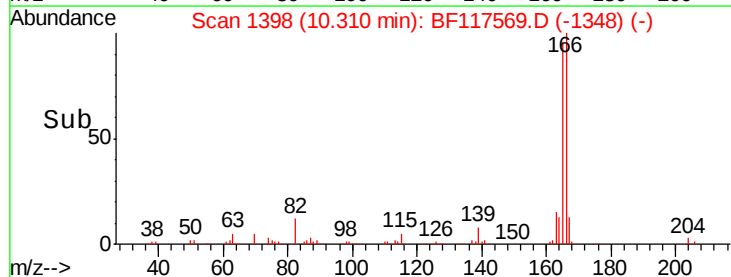
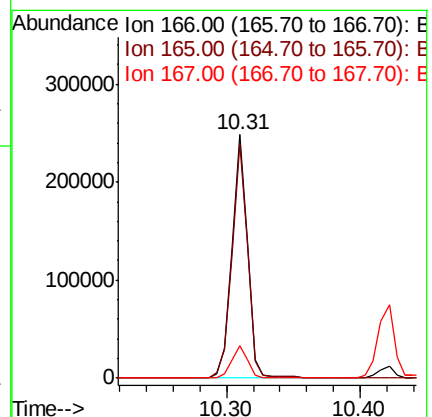
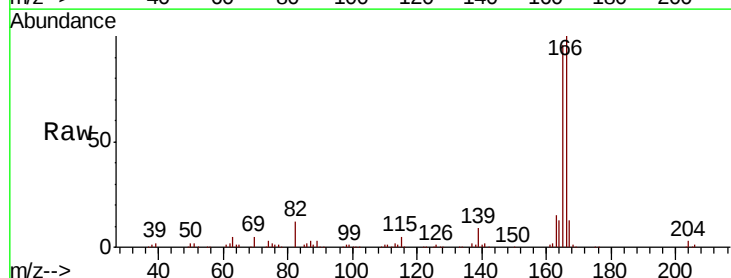
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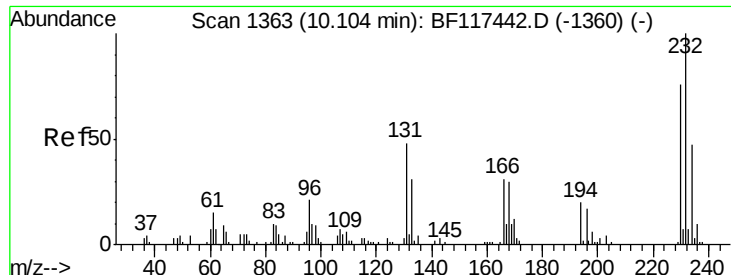
mohammad
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#58
Fluorene
Concen: 38.302 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	206894		
165	96.3	77.6	116.4	
167	13.2	11.0	16.4	





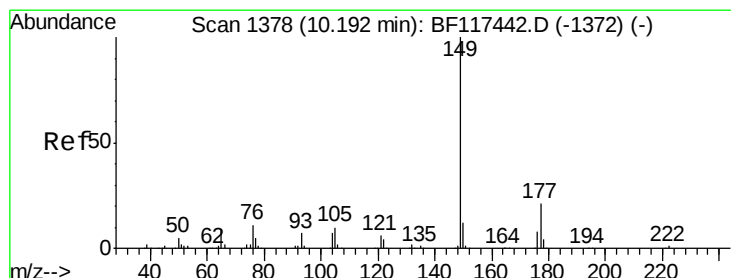
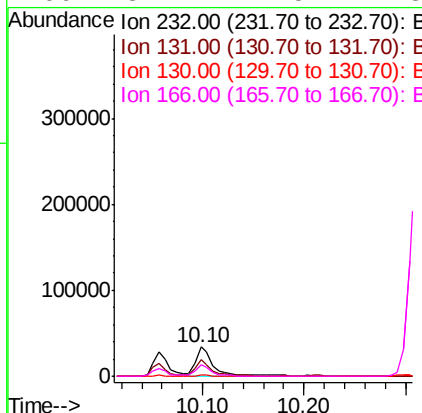
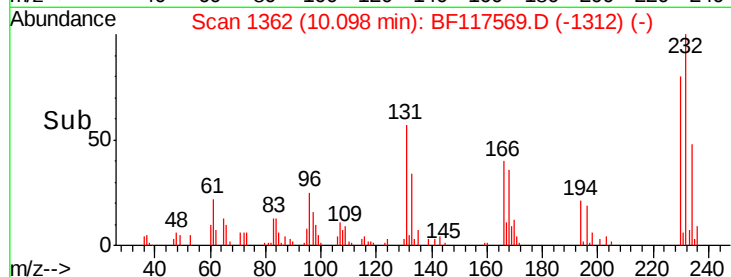
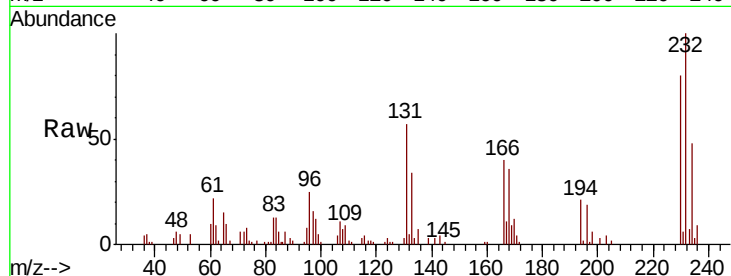
#59
2,3,4,6-Tetrachlorophenol
Concen: 36.405 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion:	232	Resp:	39197
Ion Ratio	Lower	Upper	
232	100		
131	57.5	42.6	63.8
130	2.5	2.2	3.4
166	37.7	27.5	41.3

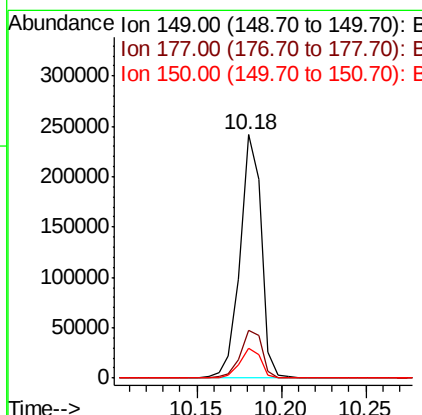
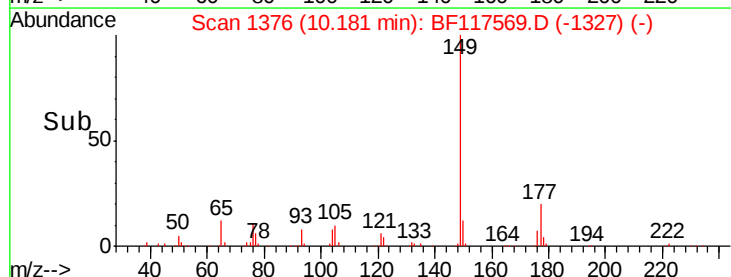
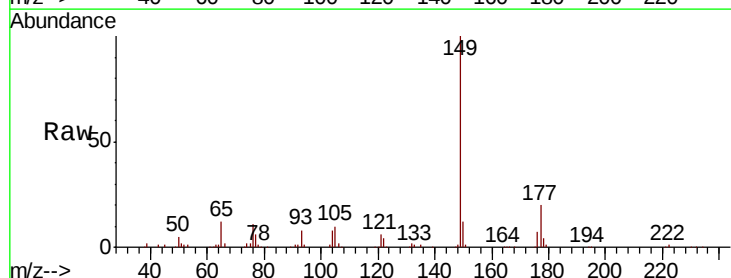
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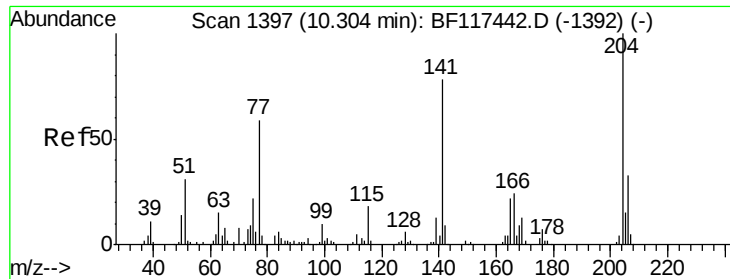
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#60
Diethylphthalate
Concen: 36.569 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion:	149	Resp:	211346
Ion Ratio	Lower	Upper	
149	100		
177	19.7	17.0	25.4
150	12.3	9.8	14.6





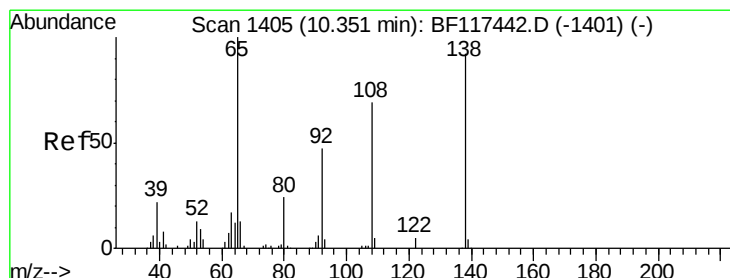
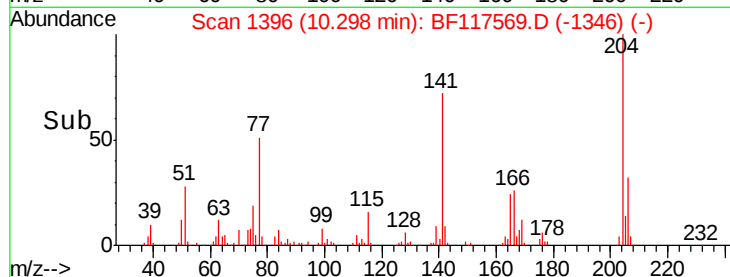
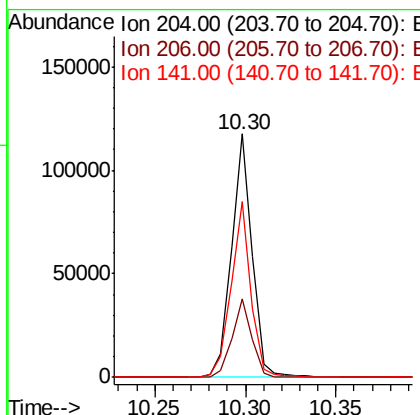
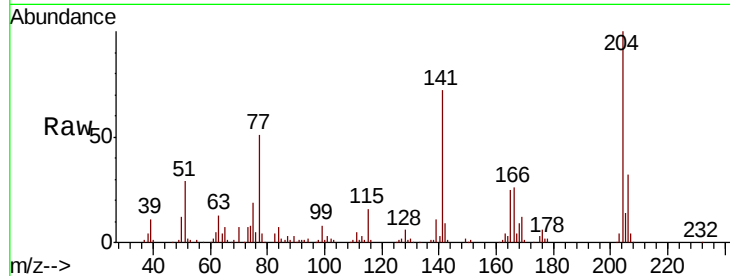
#61
4-Chlorophenyl-phenylether
Concen: 38.370 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.3	39.5
141	72.4	62.2	93.4

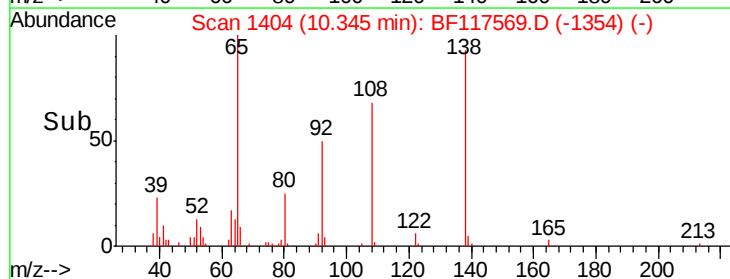
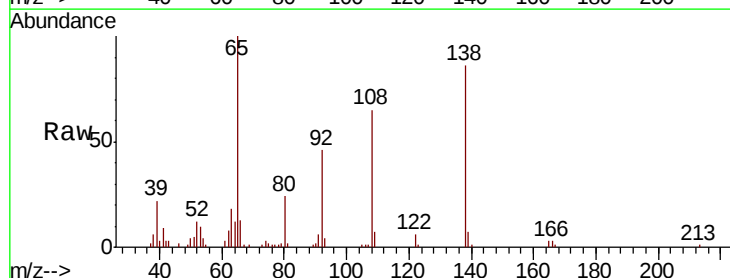
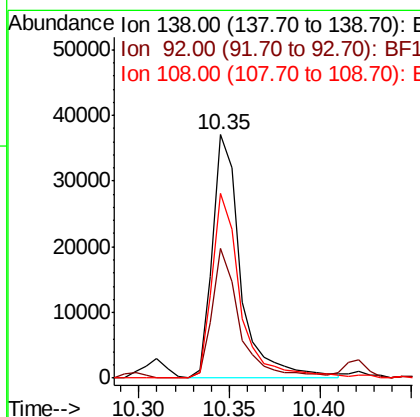
Manual Integrations
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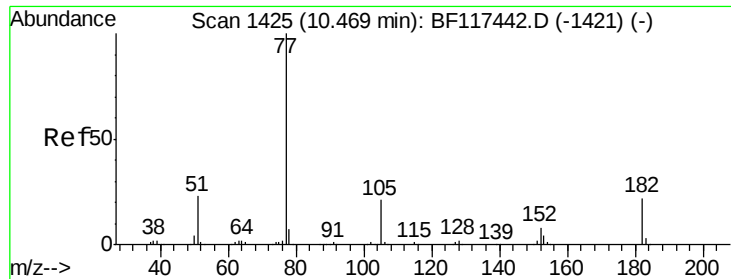
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#62
4-Nitroaniline
Concen: 29.811 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	30.3	70.3
108	75.7	54.9	94.9





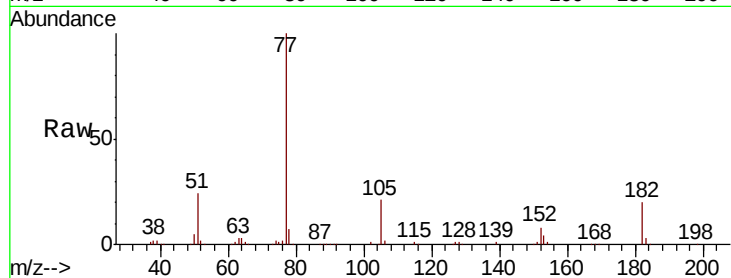
#63
Azobenzene
Concen: 38.770 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

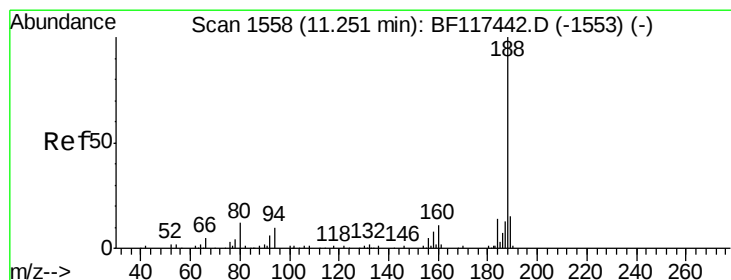
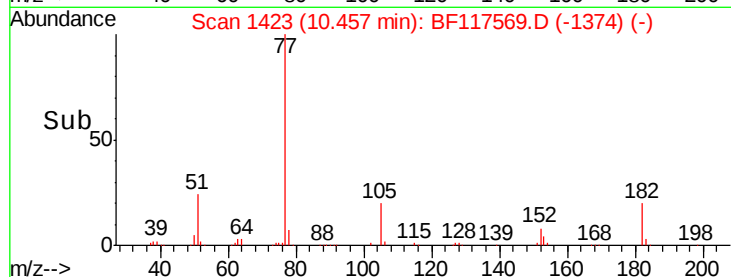
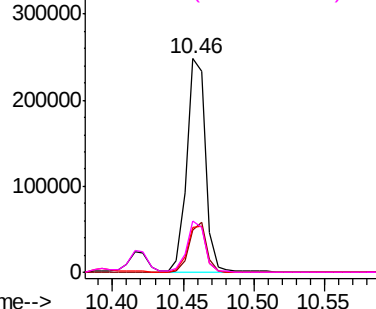
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	19.9	2.3	42.3	
105	21.1	1.3	41.3	
51	23.9	3.5	43.5	

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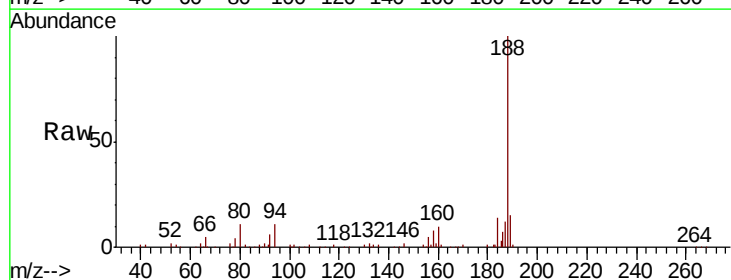


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

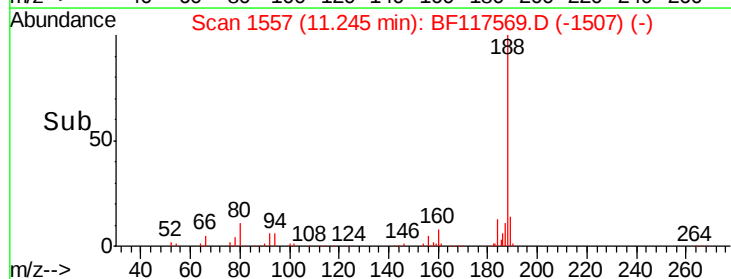
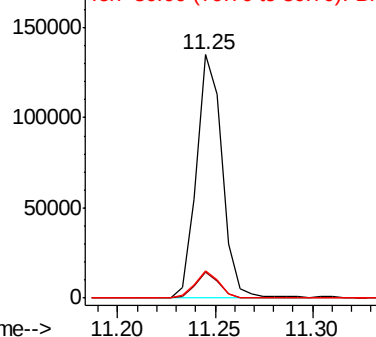


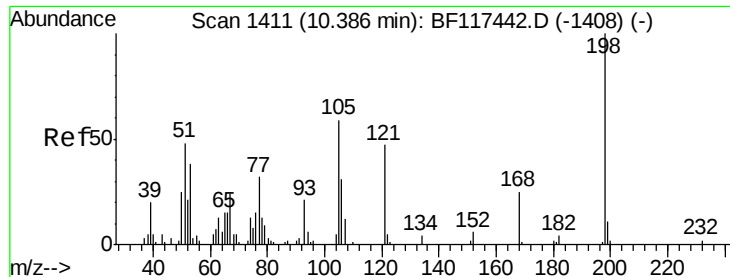
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1557
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	10.7	8.0	12.0	
80	11.4	9.5	14.3	



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





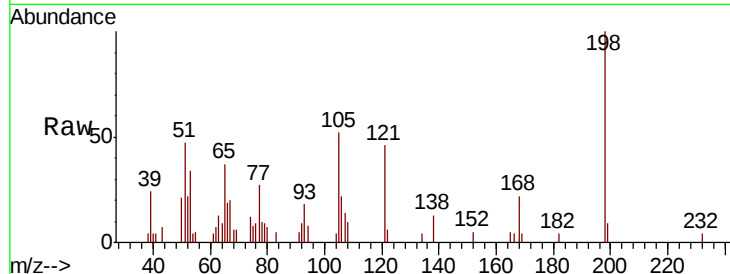
#65
4,6-Dinitro-2-methylphenol
Concen: 17.542 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

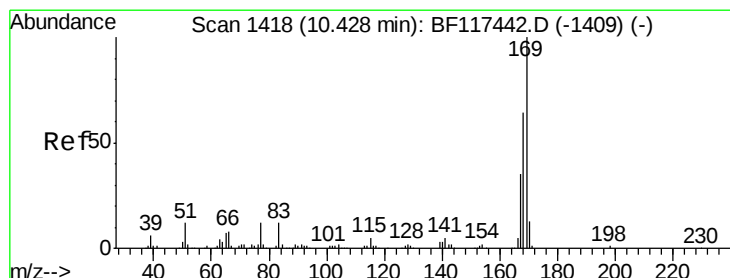
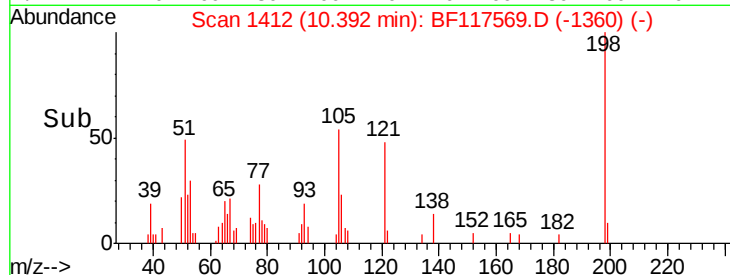
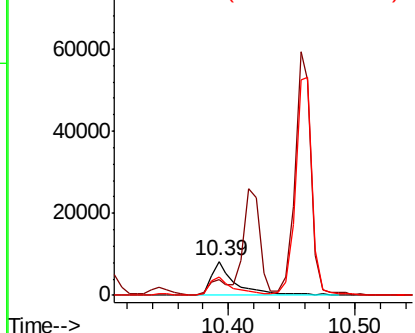
Tot Ion	Ratio	Lower	Upper
198	100		
51	47.3	29.1	69.1
105	51.9	39.4	79.4

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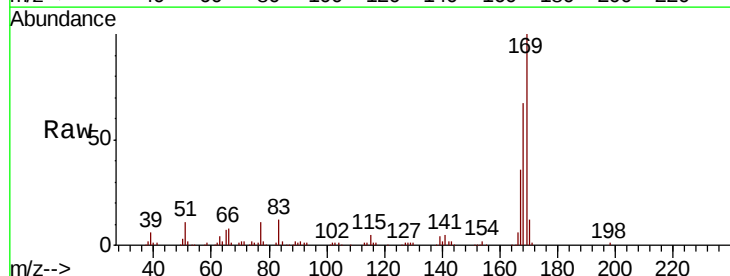


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

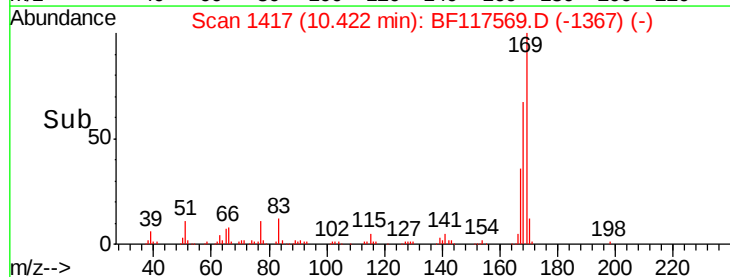
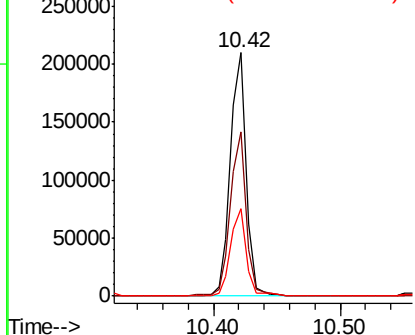


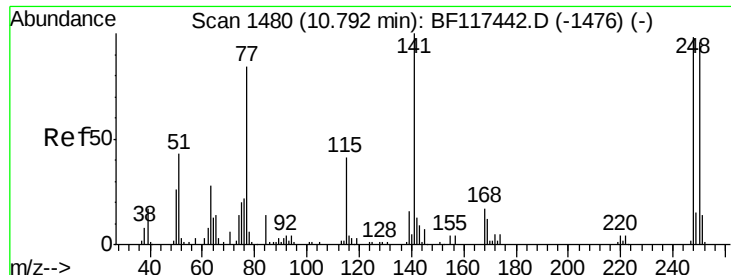
#66
n-Nitrosodiphenylamine
Concen: 39.885 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	51.3	76.9
167	35.8	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





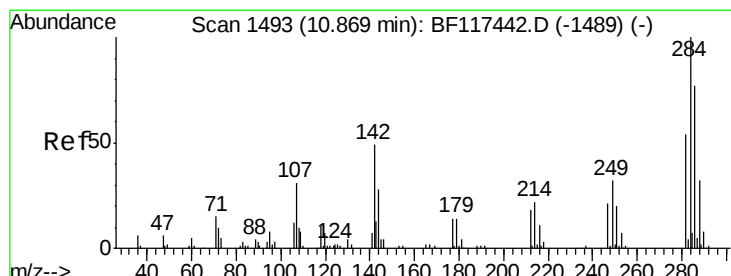
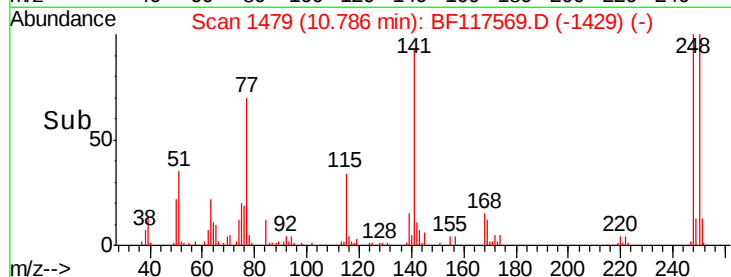
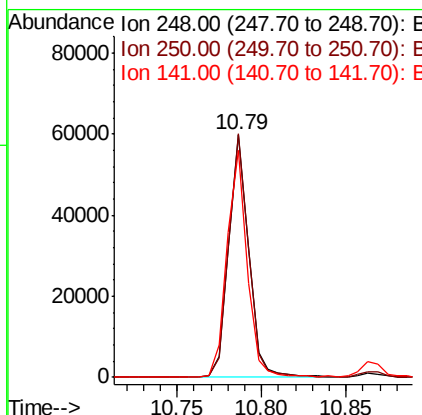
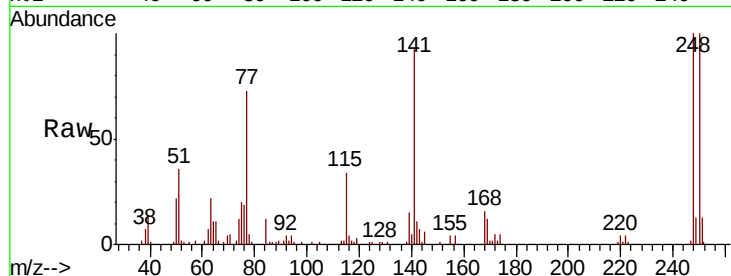
#67
 4-Bromophenyl-phenylether
 Concen: 37.116 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.3	78.0	117.0
141	93.7	81.7	122.5

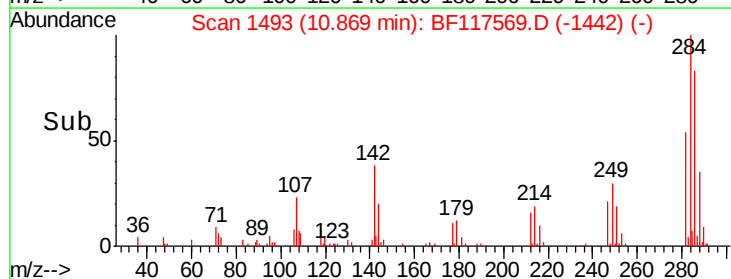
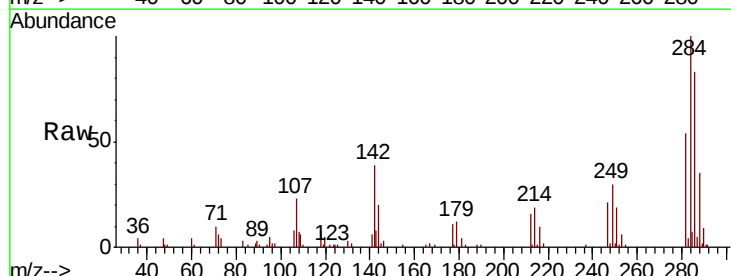
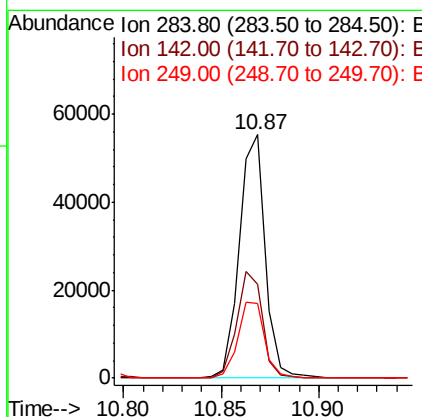
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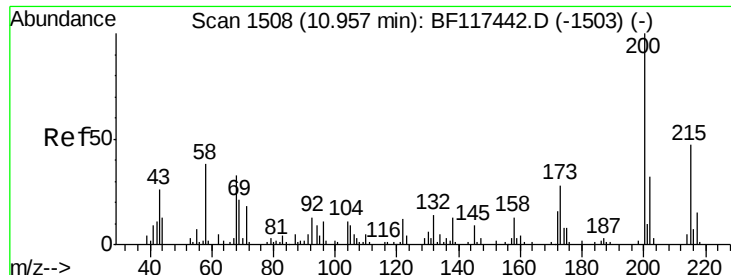
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#68
 Hexachlorobenzene
 Concen: 35.590 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.8	39.0	58.6#
249	30.5	25.7	38.5





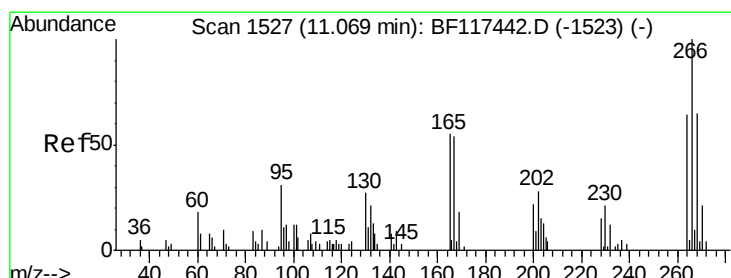
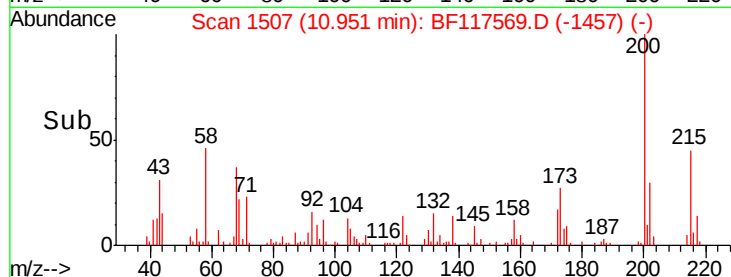
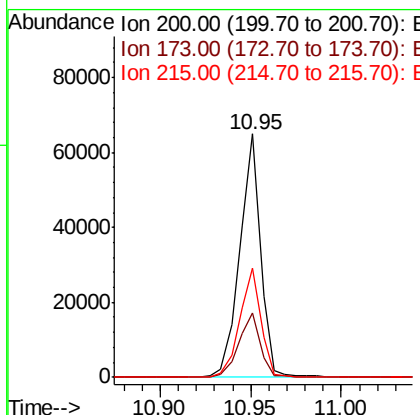
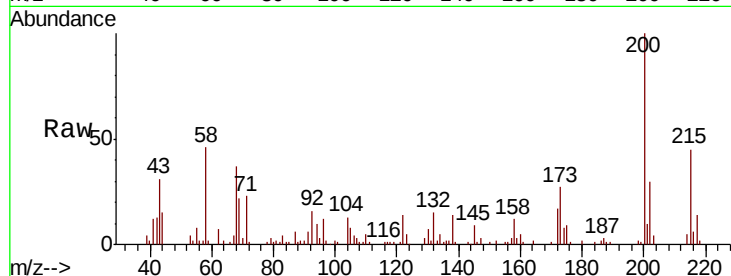
#69
Atrazine
Concen: 45.183 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.6	8.2	48.2
215	44.7	26.8	66.8

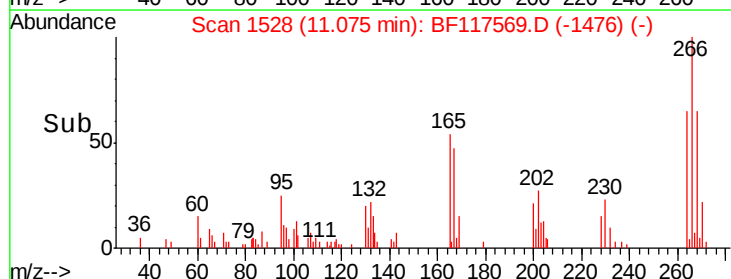
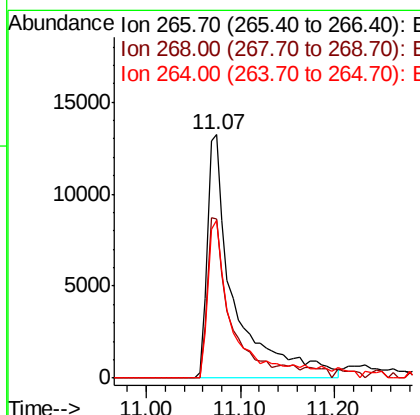
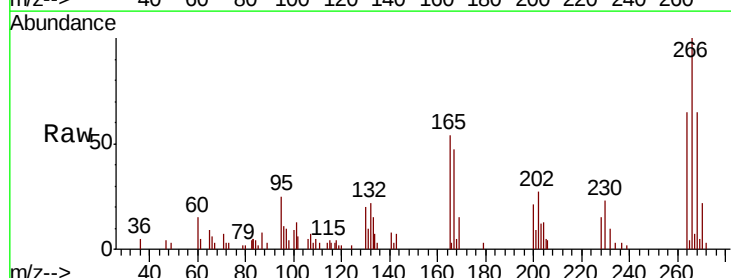
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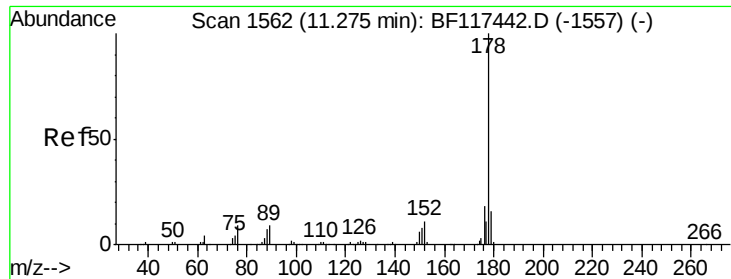
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#70
Pentachlorophenol
Concen: 61.807 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.6	77.4
264	65.0	51.4	77.2





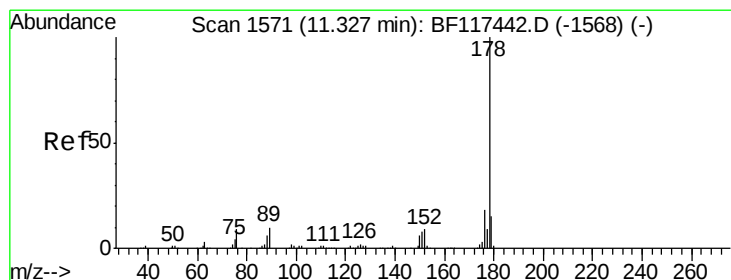
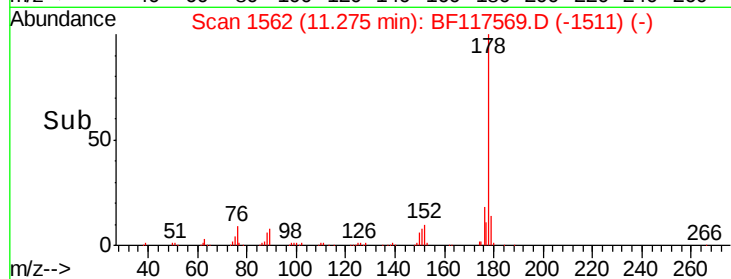
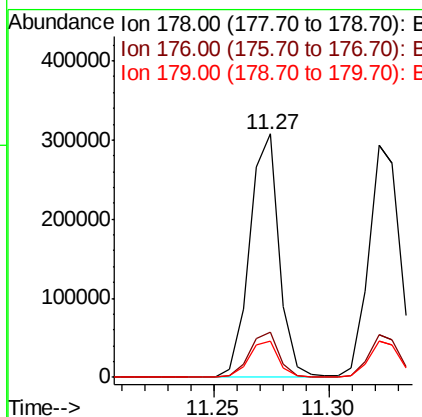
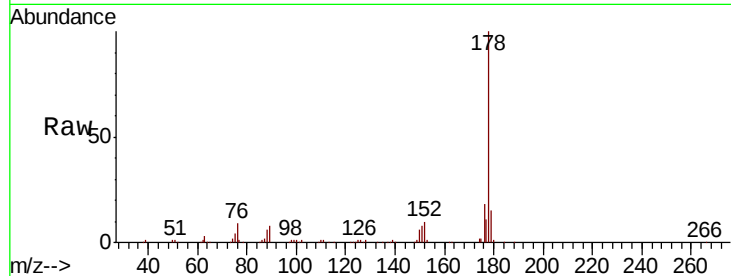
#71
Phenanthrene
Concen: 38.464 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	14.9	12.6	19.0

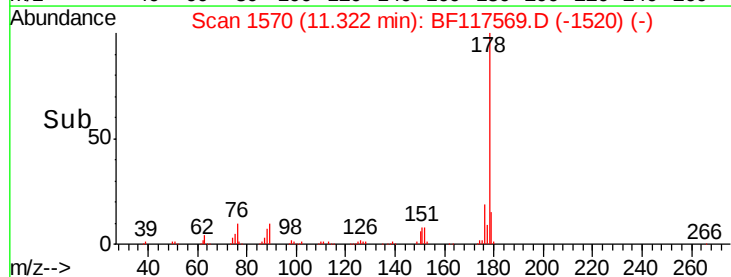
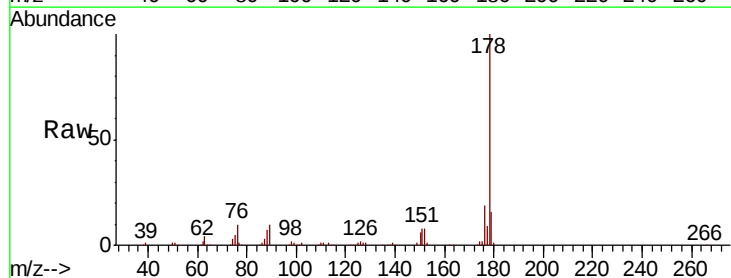
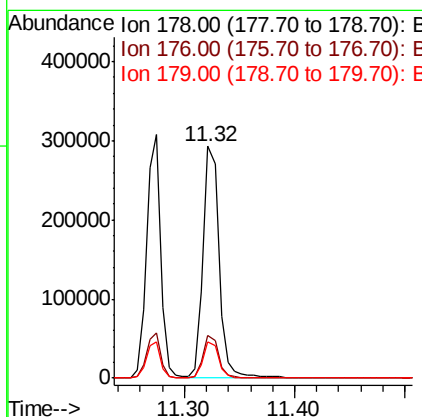
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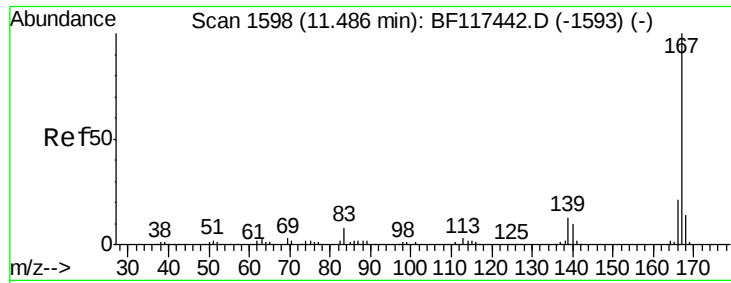
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#72
Anthracene
Concen: 39.161 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.7	22.1
179	15.6	12.2	18.2





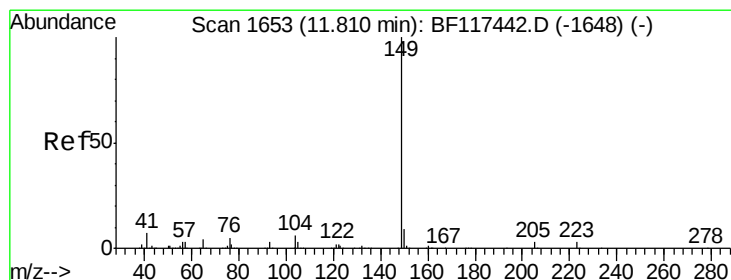
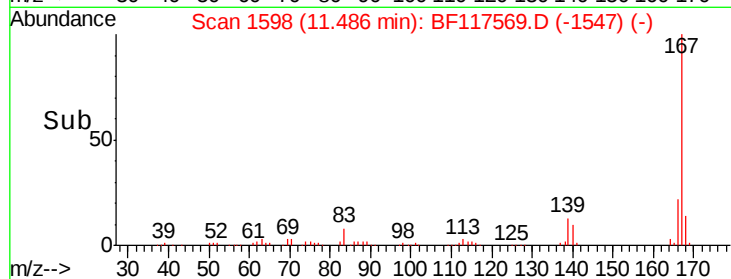
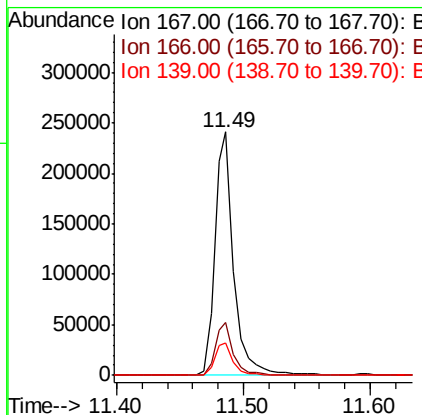
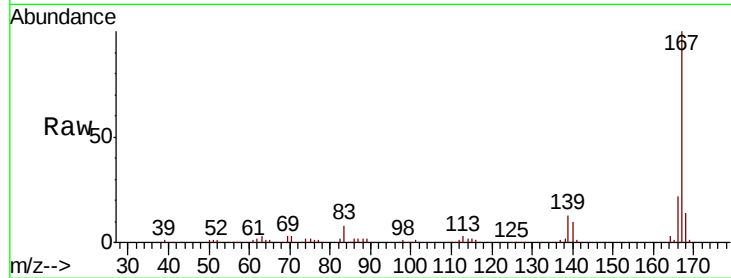
#73
 Carbazole
 Concen: 37.309 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. 0.00 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
167	100	251314		
166	21.7	17.0	25.6	
139	13.3	10.6	16.0	

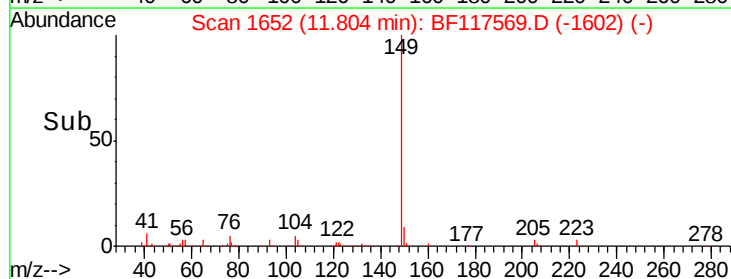
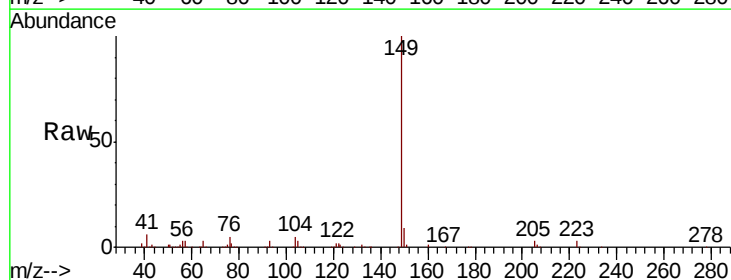
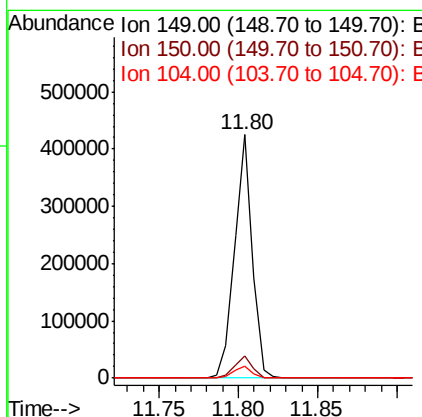
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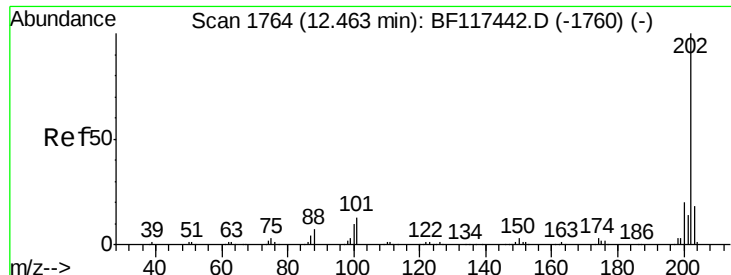
mohammad
 10/30/2019 4:51:22 PM



#74
 Di-n-butylphthalate
 Concen: 36.644 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	329811		
150	9.0	7.5	11.3	
104	4.9	4.6	6.8	





#75

Fluoranthene

Concen: 33.866 ng

RT: 12.46 min Scan# 1764

Delta R.T. 0.00 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_F

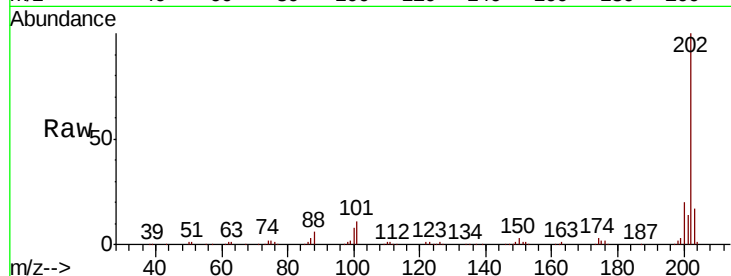
ClientSampleId :

184-40-(0-2)

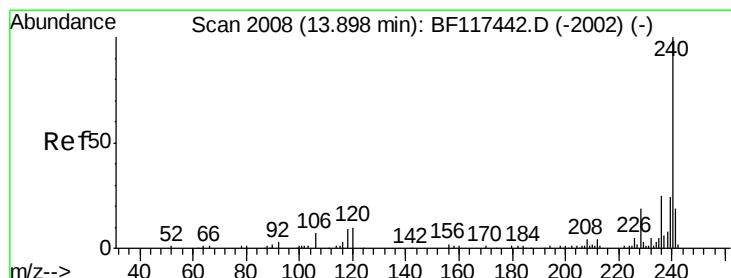
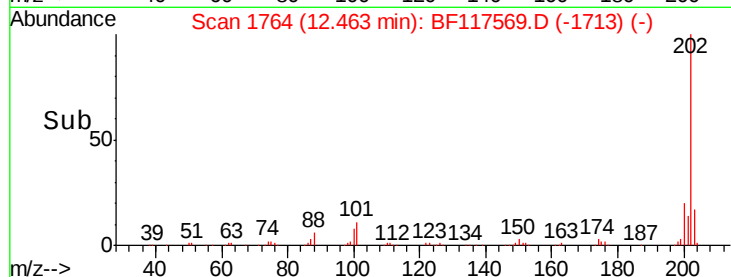
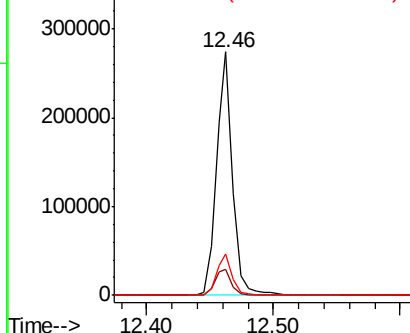
Tot Ion	Ratio	Resp	Lower	Upper
202	100	243541		
101	10.9	0.0	32.7	
203	17.1	0.0	37.6	

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

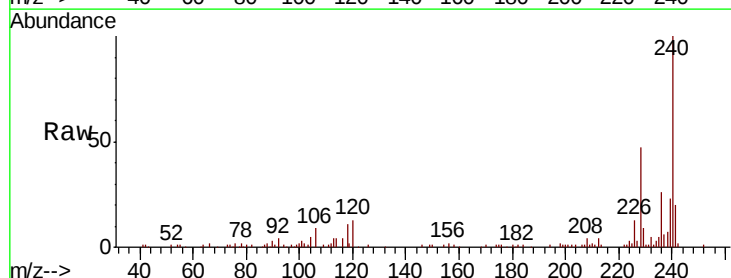
RT: 13.89 min Scan# 2007

Delta R.T. -0.01 min

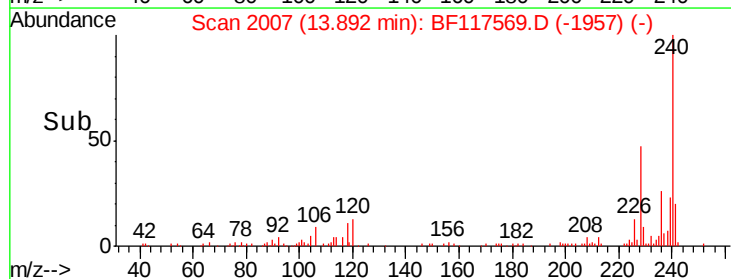
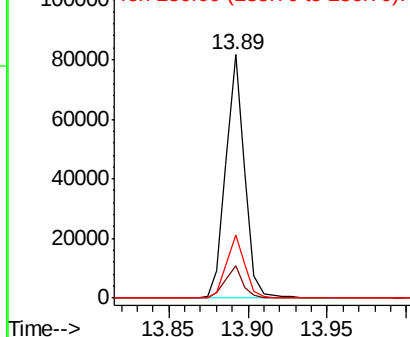
Lab File: BF117569.D

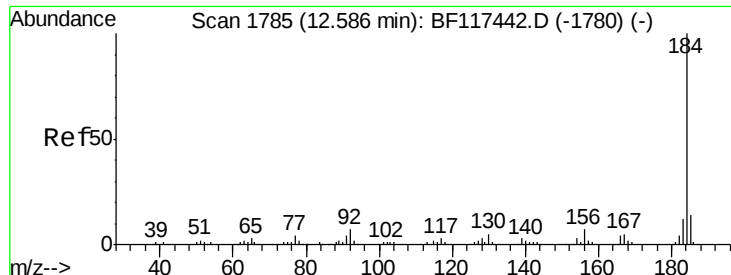
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	66961		
120	13.5	8.4	12.6#	
236	25.8	20.0	30.0	



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





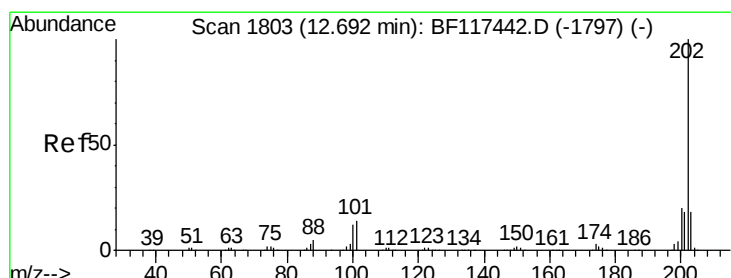
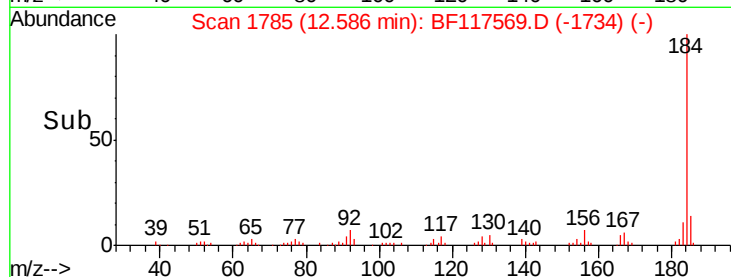
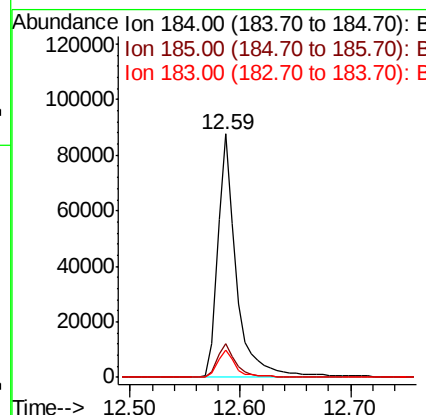
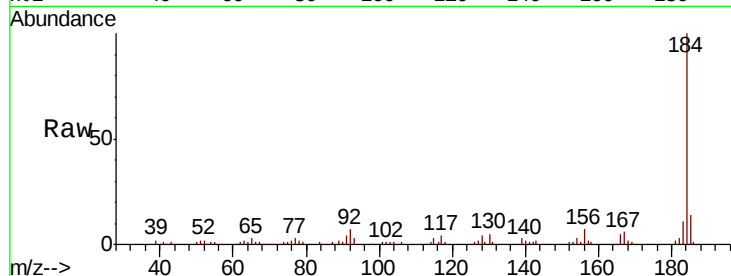
#77
Benzidine
Concen: 64.040 ng
RT: 12.59 min Scan# 1785
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

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

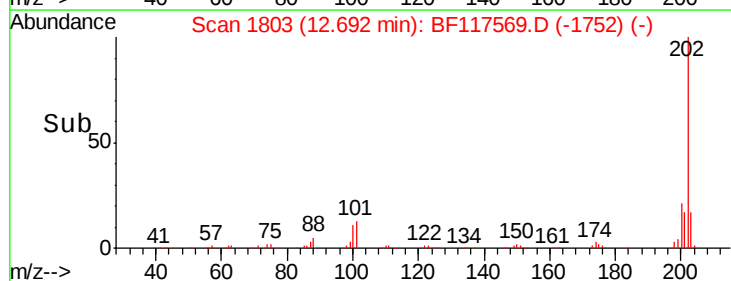
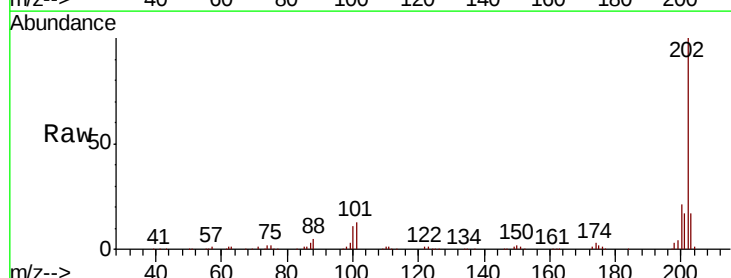
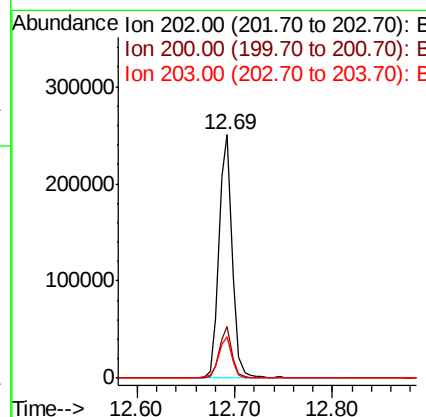
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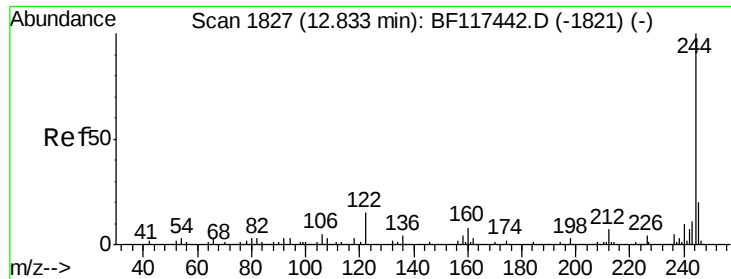
mohammad
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#78
Pyrene
Concen: 41.100 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.1		16.2	24.2
203	16.9		14.0	21.0





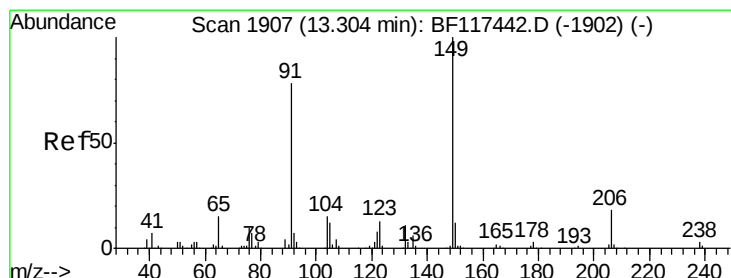
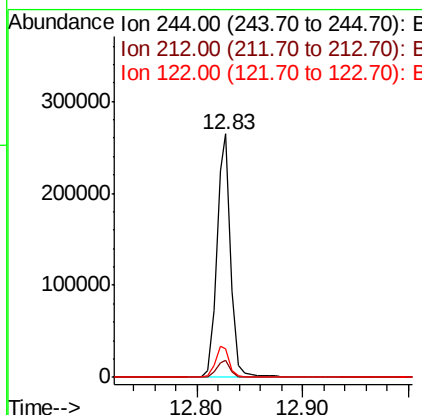
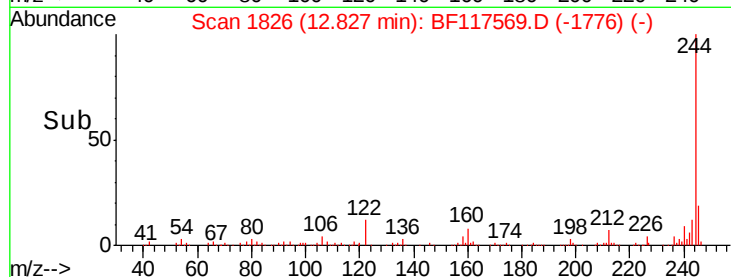
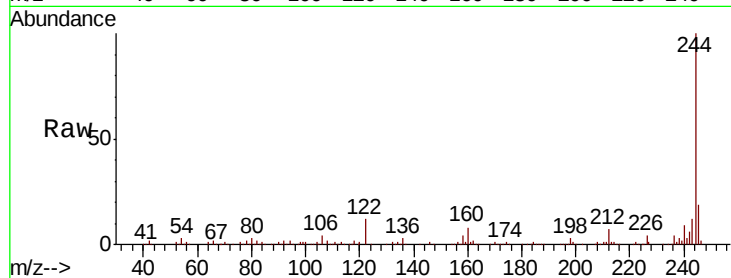
#79
 Terphenyl-d14
 Concen: 59.700 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.6
122	11.7	11.8	17.8

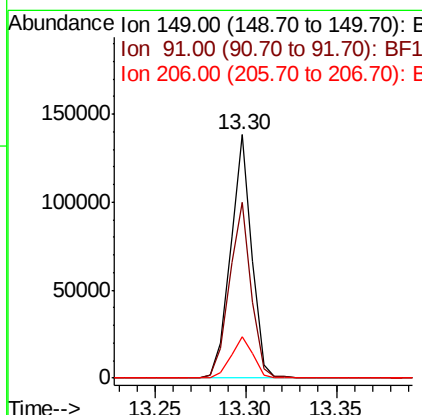
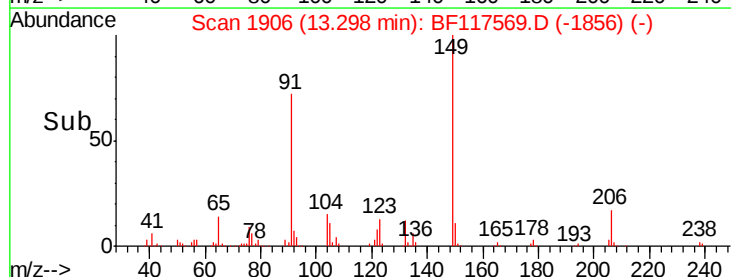
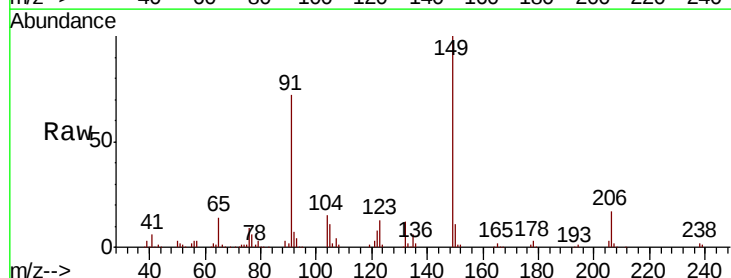
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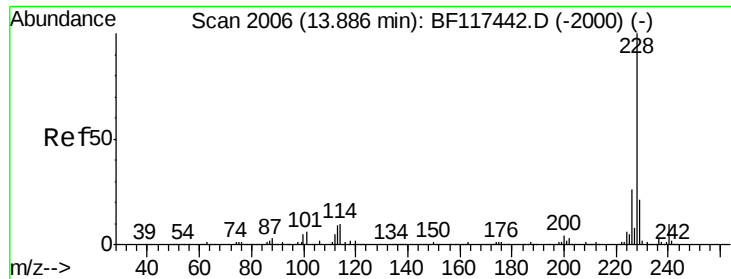
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.098 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.9	62.1	93.1
206	16.8	14.3	21.5





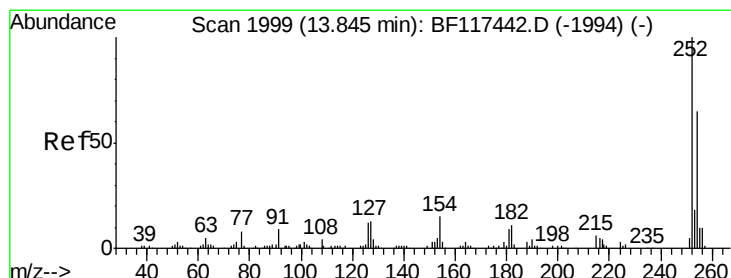
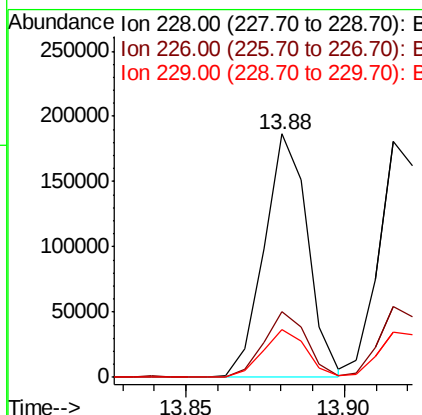
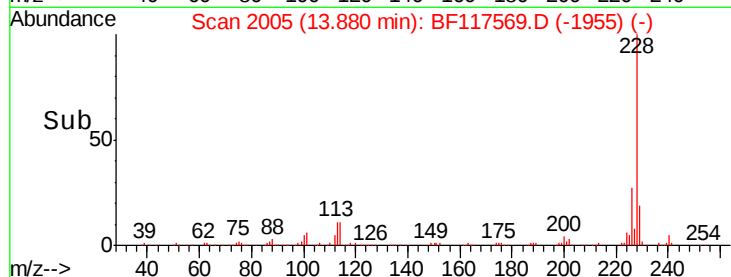
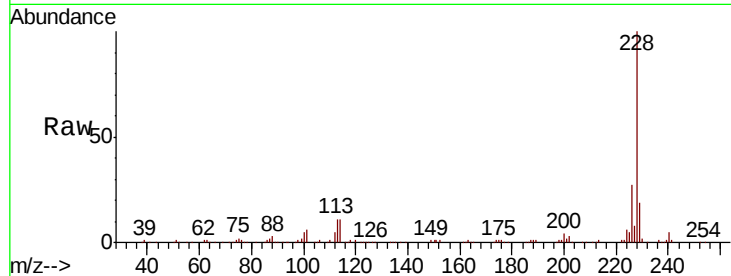
#81
Benzo(a)anthracene
Concen: 39.498 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.0	31.4
229	19.4	16.4	24.6

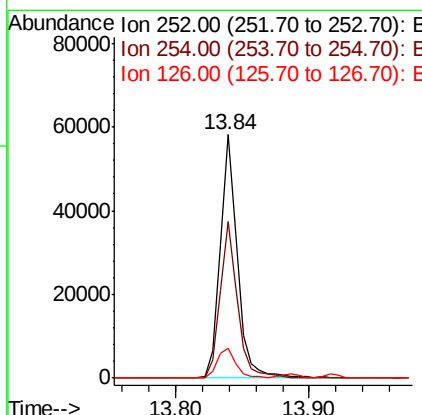
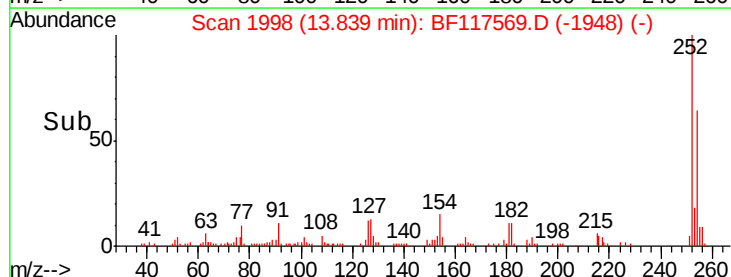
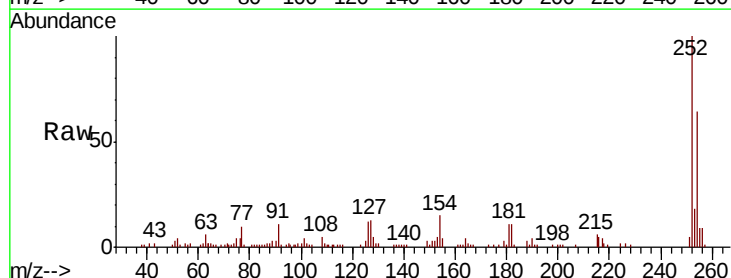
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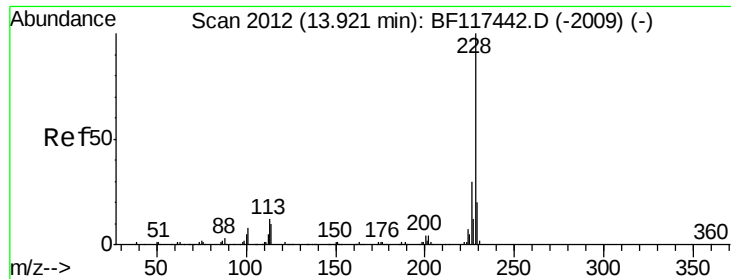
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 37.694 ng
RT: 13.84 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.2	78.4
126	12.5	9.2	13.8





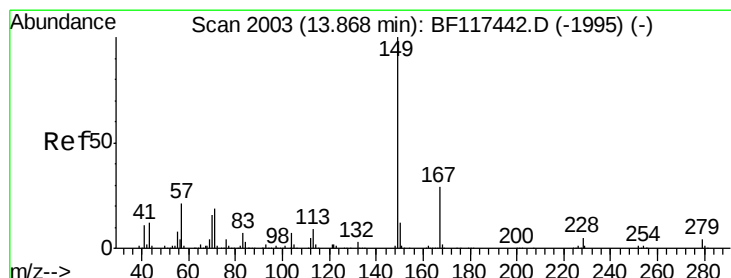
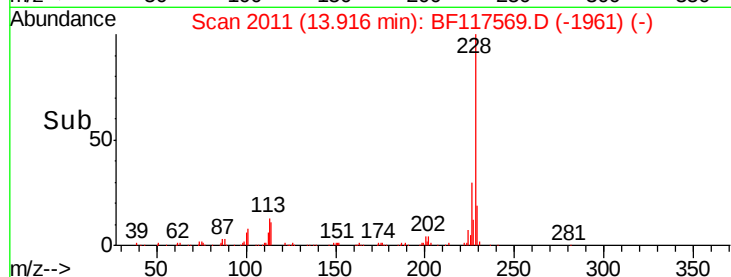
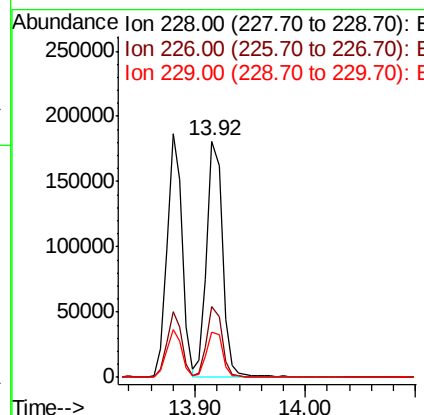
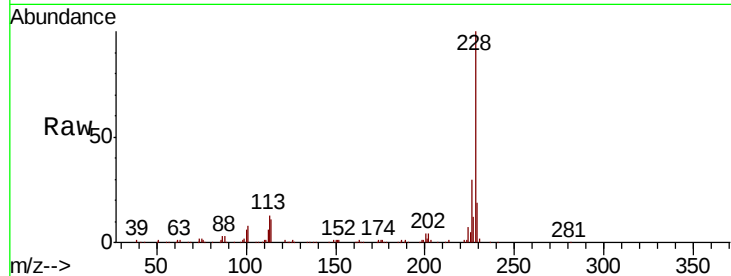
#83
 Chrvsene
 Concen: 40.011 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Instrument :
 BNA_F
 ClientSampleId :
 184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	19.1	15.8	23.6

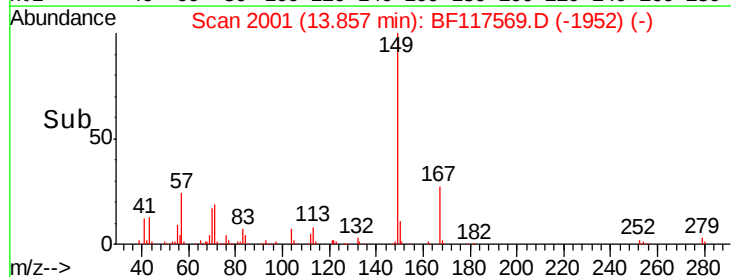
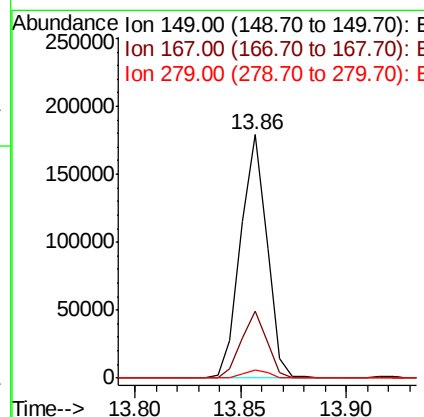
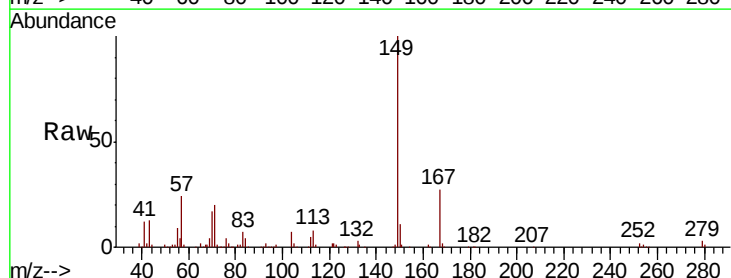
Manual Integrations
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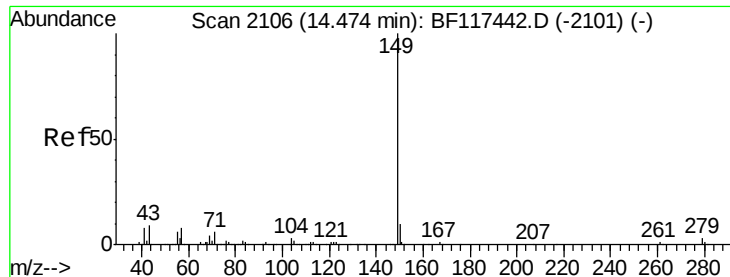
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.484 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.01 min
 Lab File: BF117569.D
 Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	23.3	34.9
279	3.4	3.2	4.8





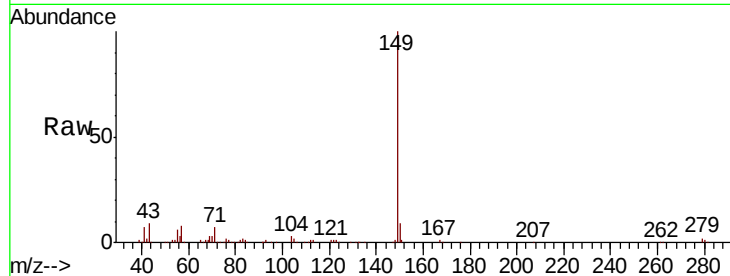
#85
Di-n-octyl phthalate
Concen: 38.708 ng
RT: 14.46 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Resp	Lower	Upper
149	100	238610		
167	1.4		1.2	1.8
43	8.2		6.8	10.2

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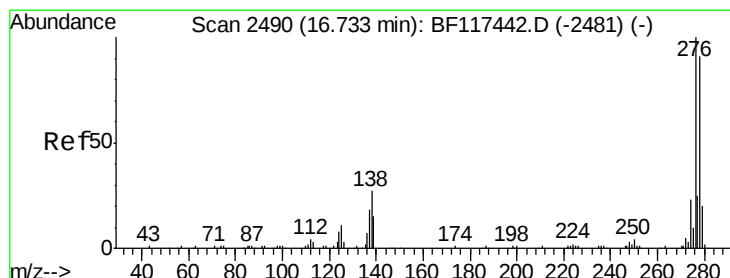
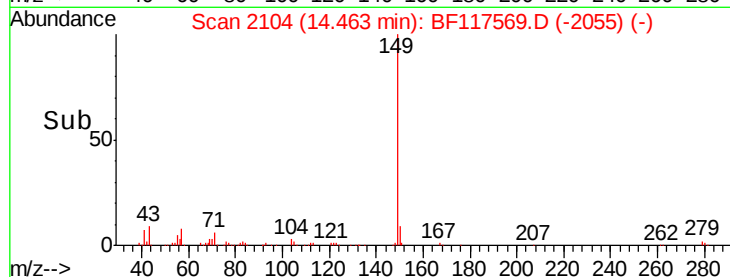
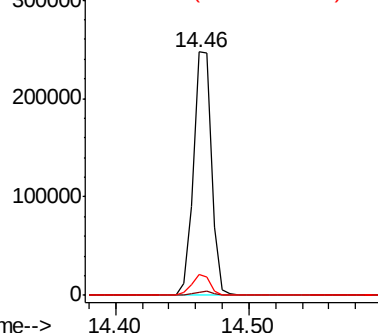


Abundance

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: 44.469 ng
RT: 16.74 min Scan# 2491
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

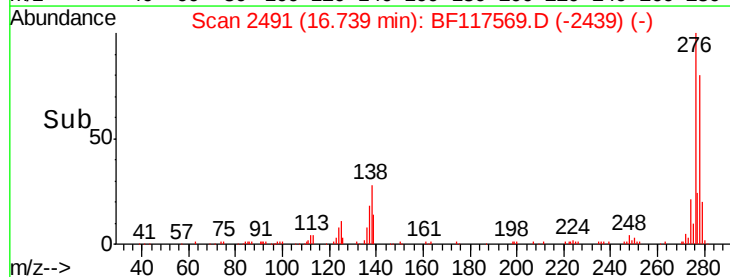
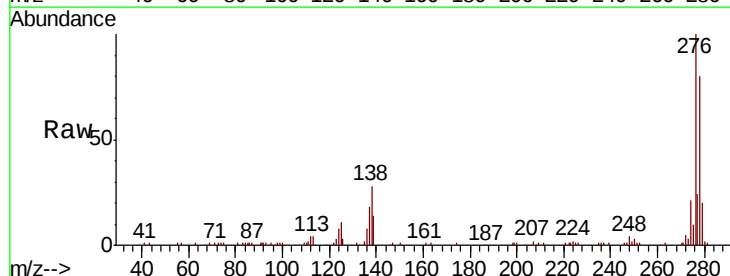
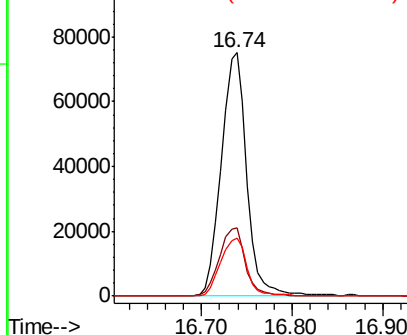
Tgt Ion	Ratio	Resp	Lower	Upper
276	100	146971		
138	28.5		21.8	32.8
277	24.6		20.0	30.0

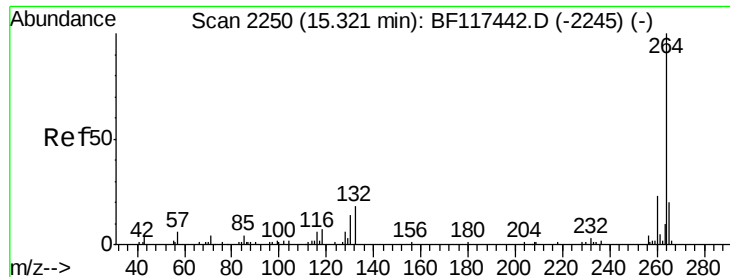
Abundance

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





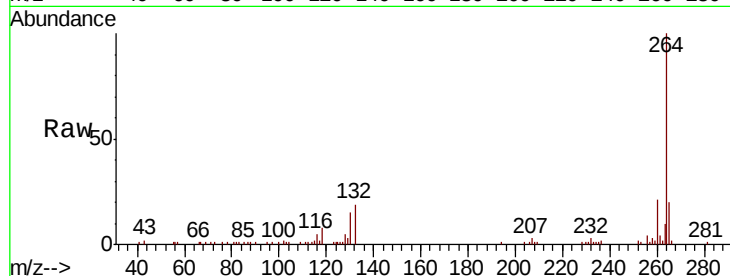
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	20.5	18.4	27.6
265	20.2	16.1	24.1

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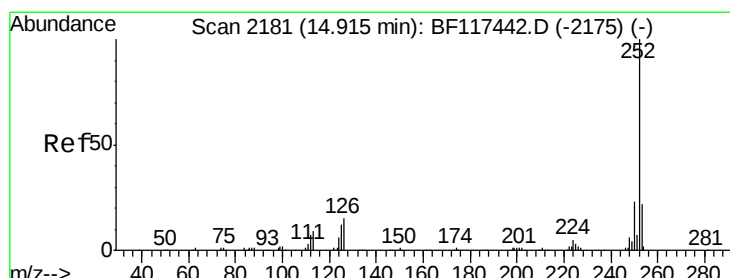
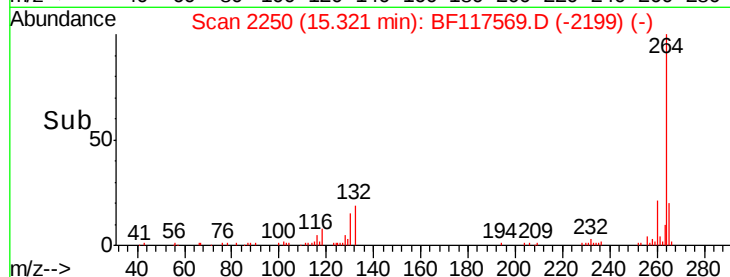
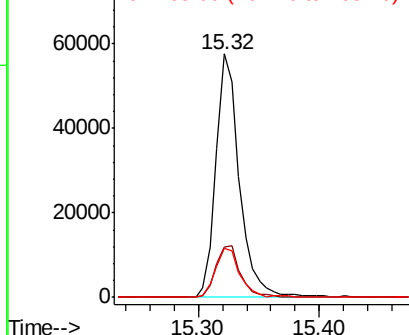


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 37.087 ng
RT: 14.92 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

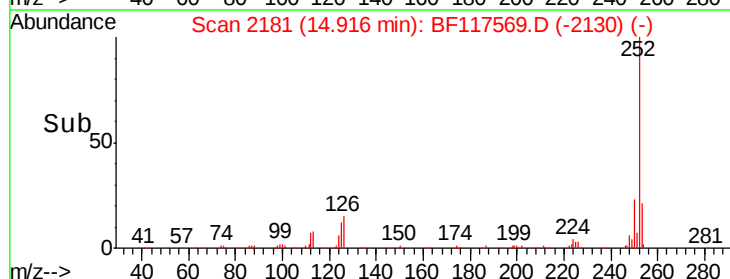
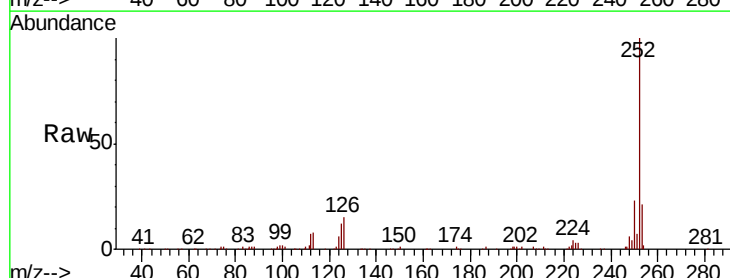
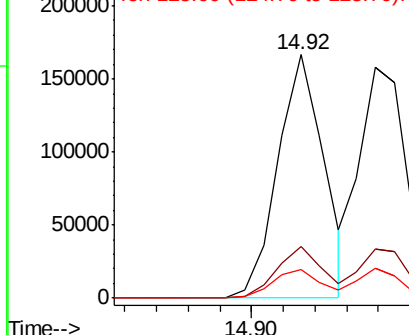
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.8	26.6
125	11.7	9.9	14.9

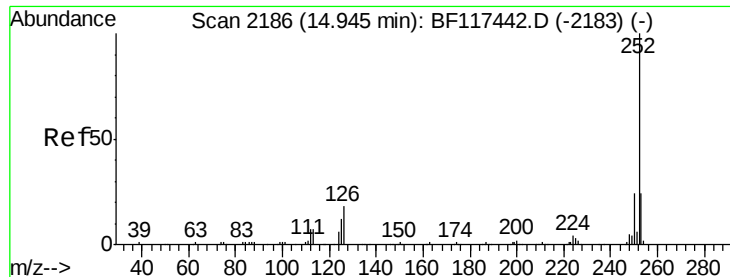
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 36.476 ng

RT: 14.94 min Scan# 2185

Delta R.T. -0.01 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Instrument :

BNA_F

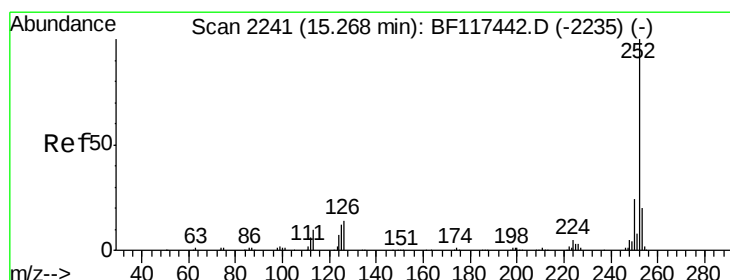
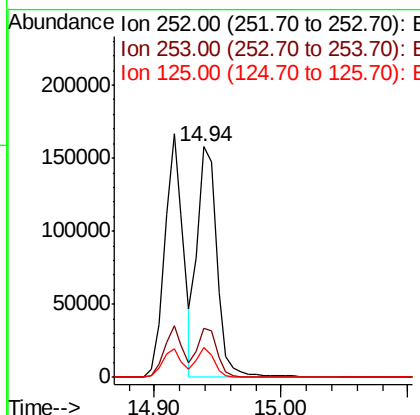
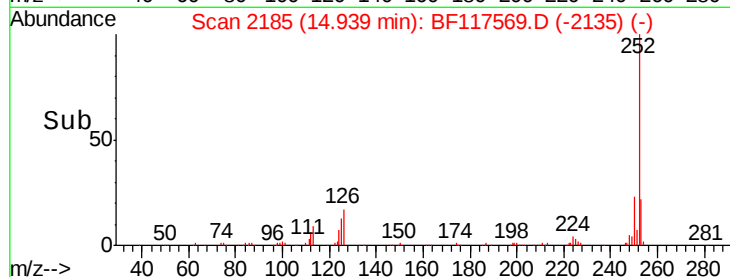
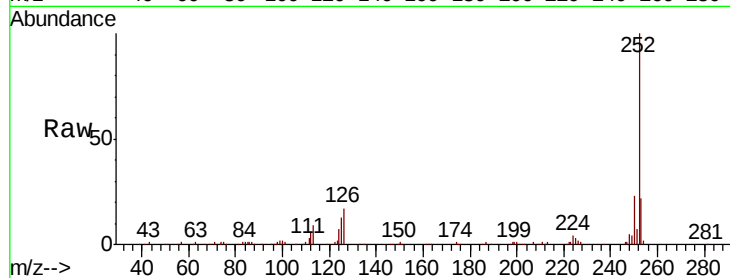
ClientSampleId :

184-40-(0-2)

Tot Ion:	252	Resp:	170327
Ion Ratio	Lower	Upper	
252	100		
253	21.5	18.0	27.0
125	12.9	8.9	13.3

Manual Integrations
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#90

Benzo(a)pyrene

Concen: 37.556 ng

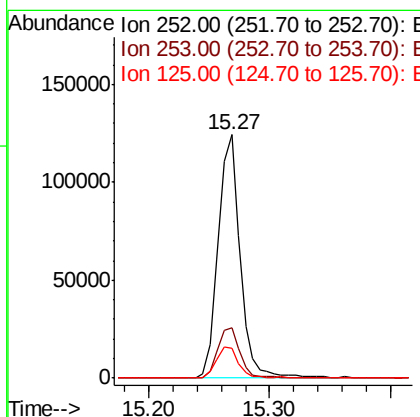
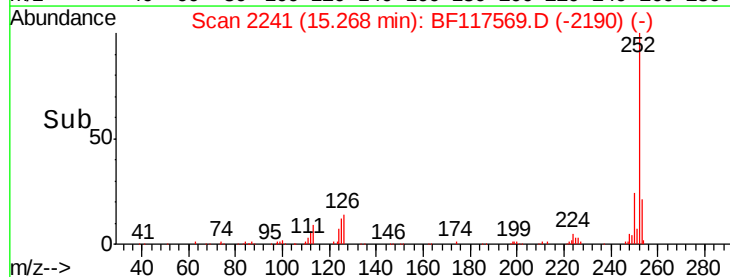
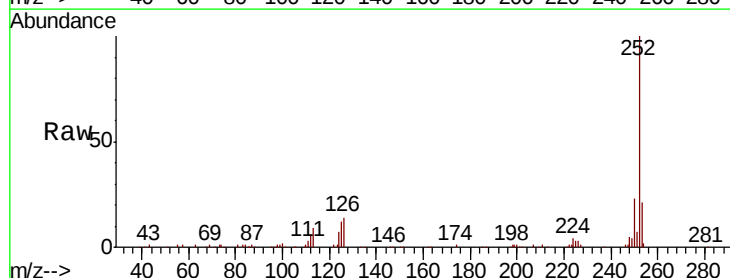
RT: 15.27 min Scan# 2241

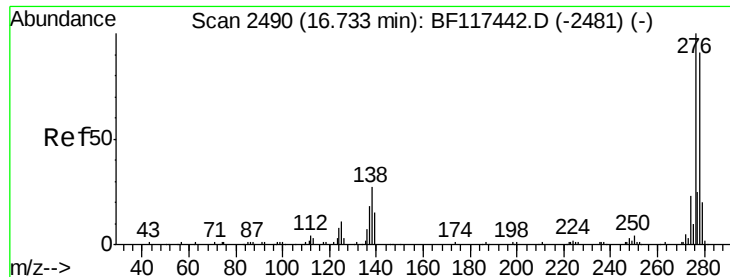
Delta R.T. 0.00 min

Lab File: BF117569.D

Acq: 28 Oct 2019 18:45

Tgt Ion:	252	Resp:	155567
Ion Ratio	Lower	Upper	
252	100		
253	20.9	16.3	24.5
125	12.3	9.2	13.8





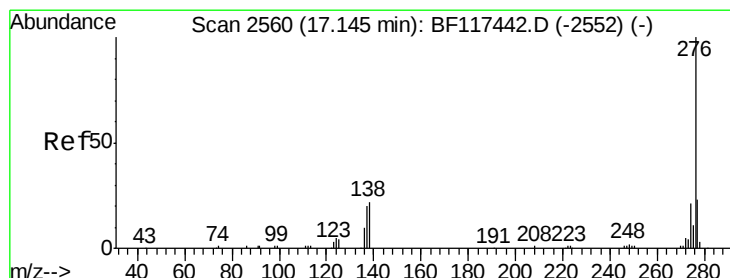
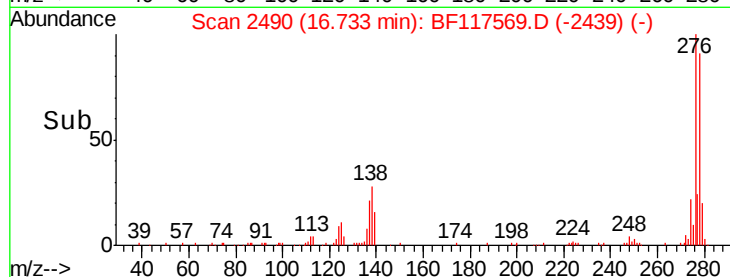
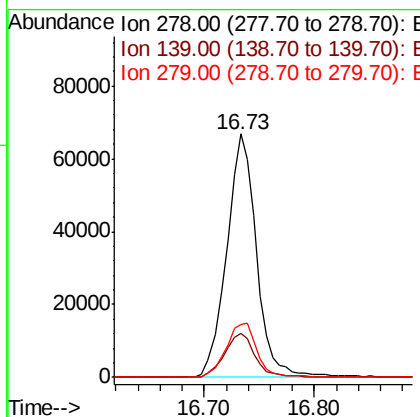
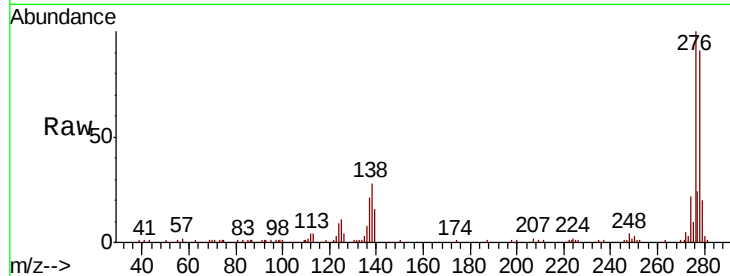
#91
Dibenzo(a,h)anthracene
Concen: 35.219 ng
RT: 16.73 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Instrument :
BNA_F
ClientSampleId :
184-40-(0-2)

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.0	13.4	20.0
279	22.0	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/30/2019 4:51:22 PM



#92
Benzo(g,h,i)perylene
Concen: 32.763 ng
RT: 17.16 min Scan# 2562
Delta R.T. 0.01 min
Lab File: BF117569.D
Acq: 28 Oct 2019 18:45

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	18.4	27.6
138	25.3	17.8	26.6

