

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102819\
 Data File : BF117561.D
 Acq On : 28 Oct 2019 15:10
 Operator : JU
 Sample : K5543-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-1MS

Manual Integrations
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mohammad
 10/30/2019 4:51:08 PM

Quant Time: Oct 29 15:34:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	44491	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	178520	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	90466	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	141402	20.00	ng	0.00
76) Chrysene-d12	13.89	240	82639	20.00	ng	0.00
87) Perylene-d12	15.33	264	78670	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	395234	132.16	ng	0.01
7) Phenol-d6	6.39	99	535351	133.28	ng	0.01
23) Nitrobenzene-d5	7.30	82	329832	91.21	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	95840	122.44	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	560984	87.37	ng	0.00
79) Terphenyl-d14	12.83	244	532613	105.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	46024	36.604	ng	95
3) Pyridine	3.18	79	116283	37.779	ng	98
4) n-Nitrosodimethylamine	3.13	42	48813	43.714	ng	# 98
6) Aniline	6.40	93	156257	33.136	ng	# 25
8) 2-Chlorophenol	6.52	128	140454	44.508	ng	100
9) Benzaldehyde	6.28	77	83283	43.655	ng	97
10) Phenol	6.40	94	193480	47.195	ng	92
11) bis(2-Chloroethyl)ether	6.47	93	134878	44.480	ng	99
12) 1,3-Dichlorobenzene	6.67	146	145586	41.341	ng	97
13) 1,4-Dichlorobenzene	6.75	146	148658	41.612	ng	98
14) 1,2-Dichlorobenzene	6.90	146	138800	41.218	ng	98
15) Benzyl Alcohol	6.89	79	129091	44.984	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	132933	40.638	ng	# 33
17) 2-Methylphenol	7.00	107	117872	45.406	ng	93
18) Hexachloroethane	7.23	117	56841	40.764	ng	96
19) n-Nitroso-di-n-propylamine	7.15	70	105426	42.977	ng	95
20) 3+4-Methylphenols	7.16	107	157864	46.381	ng	# 64
22) Acetophenone	7.15	105	206785	43.622	ng	# 94
24) Nitrobenzene	7.32	77	161500	46.629	ng	99
25) Isophorone	7.56	82	284348	45.455	ng	99
26) 2-Nitrophenol	7.63	139	74578	48.279	ng	98
27) 2,4-Dimethylphenol	7.68	122	124026	53.724	ng	100
28) bis(2-Chloroethoxy)methane	7.76	93	167640	43.430	ng	96
29) 2,4-Dichlorophenol	7.89	162	109849	45.366	ng	97
30) 1,2,4-Trichlorobenzene	7.96	180	112575	43.323	ng	98
31) Naphthalene	8.03	128	406435	45.932	ng	99
32) Benzoic acid	7.85	122	58567	37.039	ng	88
33) 4-Chloroaniline	8.09	127	85580	22.916	ng	96
34) Hexachlorobutadiene	8.15	225	60322	40.107	ng	97
35) Caprolactam	8.47	113	36550m	46.988	ng	
36) 4-Chloro-3-methylphenol	8.59	107	129646	46.947	ng	100
37) 2-Methylnaphthalene	8.72	142	274771	46.083	ng	99
38) 1-Methylnaphthalene	8.82	142	259682	46.349	ng	95
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	104190	42.760	ng	99

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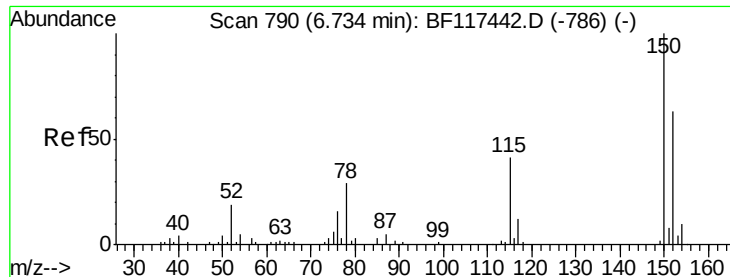
Manual Integrations
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Quant Time: Oct 29 15:34:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	31934	56.868	nq	96
43) 2,4,6-Trichlorophenol	9.02	196	68177	44.681	nq	96
44) 2,4,5-Trichlorophenol	9.06	196	72156	46.667	nq	92
46) 1,1'-Biphenyl	9.19	154	322517	43.063	nq	99
47) 2-Chloronaphthalene	9.21	162	247641	43.855	nq	99
48) 2-Nitroaniline	9.32	65	81195	43.801	nq	98
49) Acenaphthylene	9.63	152	390582	47.090	nq	99
50) Dimethylphthalate	9.49	163	346910	53.791	nq	100
51) 2,6-Dinitrotoluene	9.56	165	62373	46.346	nq	93
52) Acenaphthene	9.80	154	228281	44.860	nq	99
53) 3-Nitroaniline	9.73	138	43514	26.648	nq	95
54) 2,4-Dinitrophenol	9.86	184	24453	45.952	nq	97
55) Dibenzofuran	9.97	168	339688	46.074	nq	99
56) 4-Nitrophenol	9.93	139	42815	58.151	nq	96
57) 2,4-Dinitrotoluene	9.97	165	82609	46.169	nq	91
58) Fluorene	10.31	166	275363	45.165	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	49624	40.835	nq	94
60) Diethylphthalate	10.19	149	280793	43.045	nq	98
61) 4-Chlorophenyl-phenylether	10.30	204	118415	43.290	nq	97
62) 4-Nitroaniline	10.35	138	63021	40.947	nq	98
63) Azobenzene	10.46	77	299720	44.884	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	26299	36.581	nq	98
66) n-Nitrosodiphenylamine	10.42	169	236820	45.812	nq	100
67) 4-Bromophenyl-phenylether	10.79	248	65800	43.202	nq	100
68) Hexachlorobenzene	10.87	284	71370	43.755	nq	# 90
69) Atrazine	10.96	200	67901	51.627	nq	98
70) Pentachlorophenol	11.07	266	36098	73.823	nq	97
71) Phenanthrene	11.27	178	379424	46.211	nq	99
72) Anthracene	11.33	178	409327	48.587	nq	99
73) Carbazole	11.49	167	357940	46.491	nq	99
74) Di-n-butylphthalate	11.80	149	448819	43.629	nq	99
75) Fluoranthene	12.46	202	374764	45.594	nq	100
78) Pyrene	12.69	202	374532	52.764	nq	99
80) Butylbenzylphthalate	13.30	149	176218	49.888	nq	99
81) Benzo(a)anthracene	13.89	228	258381	46.352	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	59399	33.958	nq	96
83) Chrysene	13.92	228	250276	45.811	nq	100
84) Bis(2-ethylhexyl)phthalate	13.86	149	245630	49.642	nq	# 95
85) Di-n-octyl phthalate	14.47	149	364319	47.889	nq	100
86) Indeno(1,2,3-cd)pyrene	16.74	276	232587	57.023	nq	99
88) Benzo(b)fluoranthene	14.92	252	211823	45.597	nq	99
89) Benzo(k)fluoranthene	14.94	252	184610	38.772	nq	99
90) Benzo(a)pyrene	15.27	252	185631	43.949	nq	98
91) Dibenzo(a,h)anthracene	16.74	278	192253	52.640	nq	96
92) Benzo(g,h,i)perylene	17.17	276	195022	56.436	nq	97

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



#1

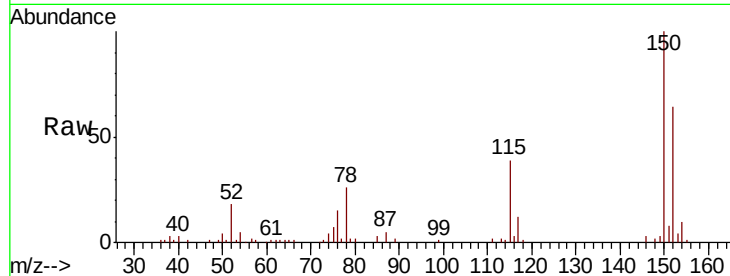
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.8	190.2
115	60.4	51.6	77.4

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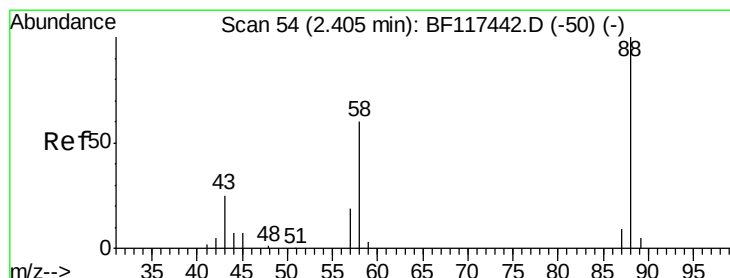
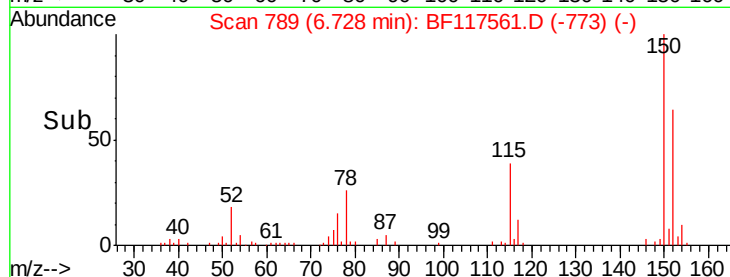
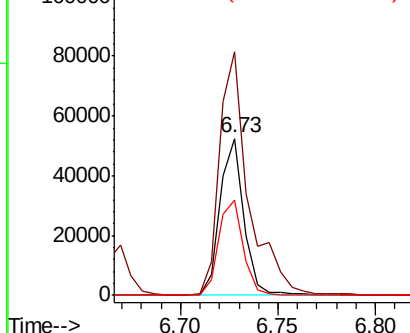


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

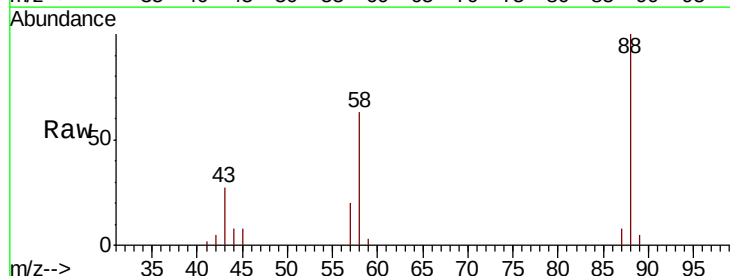
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.604 ng
RT: 2.46 min Scan# 63
Delta R.T. 0.05 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.7	48.8	73.2
43	27.2	18.5	27.7

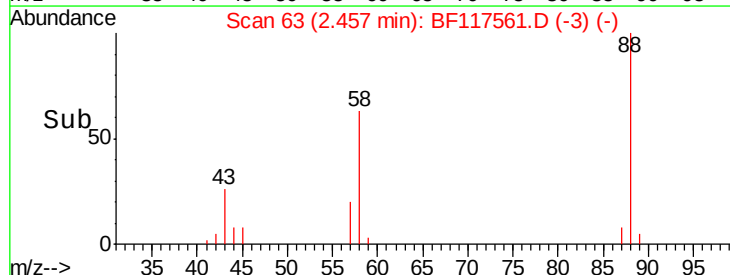
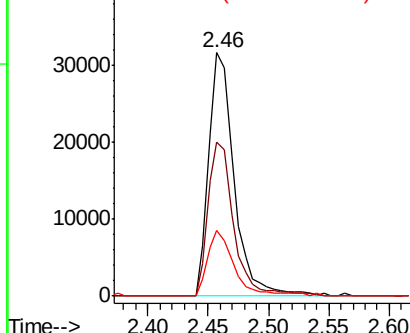


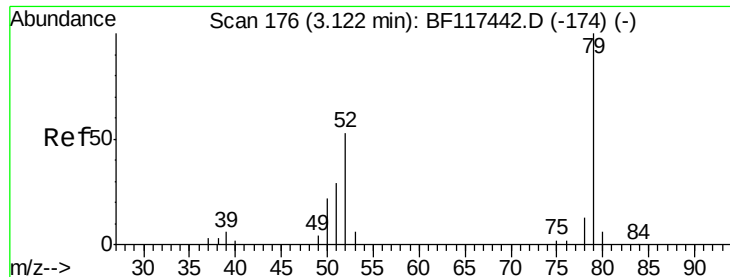
Abundance

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: 37.779 ng

RT: 3.18 min Scan# 186

Delta R.T. 0.06 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Instrument :

BNA_F

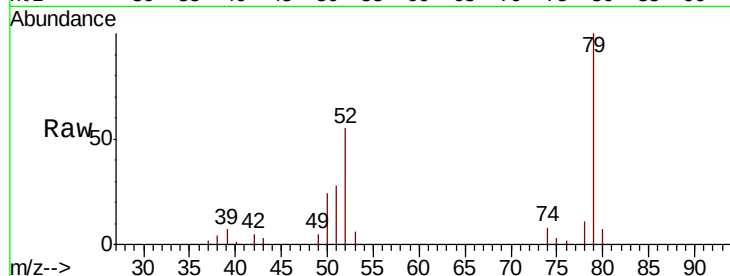
ClientSampled :

R-1MS

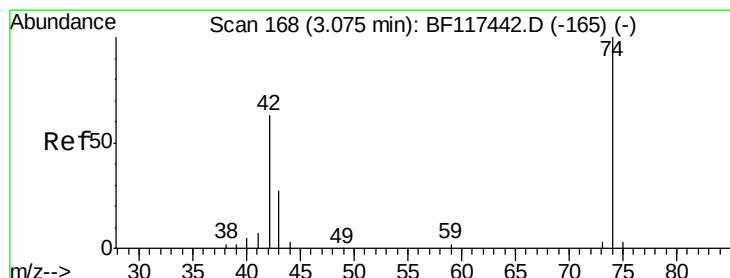
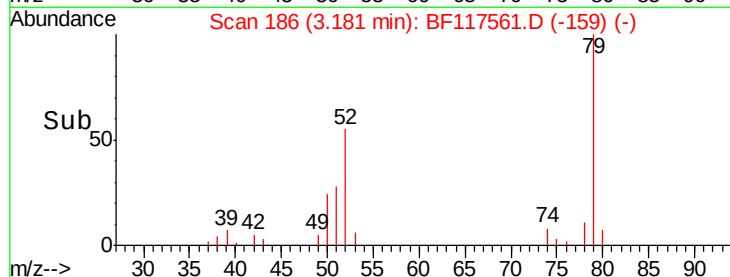
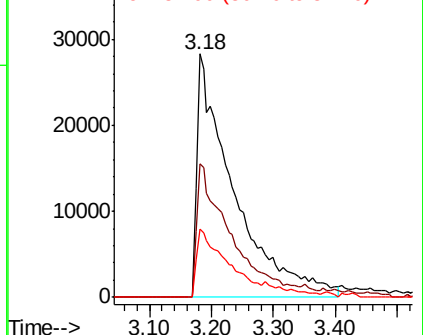
Tot Ion:	79	Resp:	116283
Ion	Ratio	Lower	Upper
79	100		
52	54.6	42.4	63.6
51	27.9	23.3	34.9

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 43.714 ng

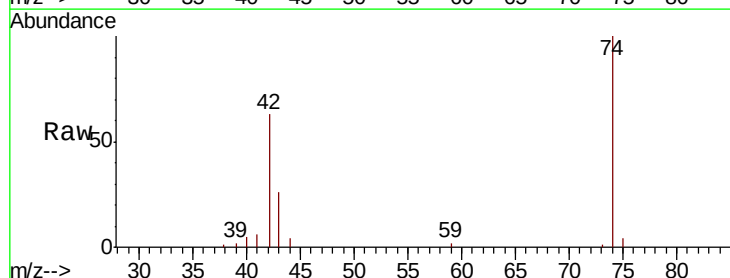
RT: 3.13 min Scan# 178

Delta R.T. 0.06 min

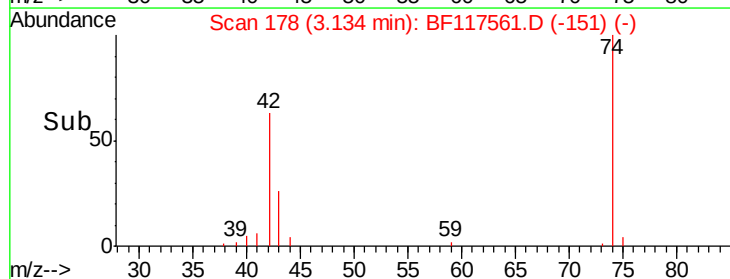
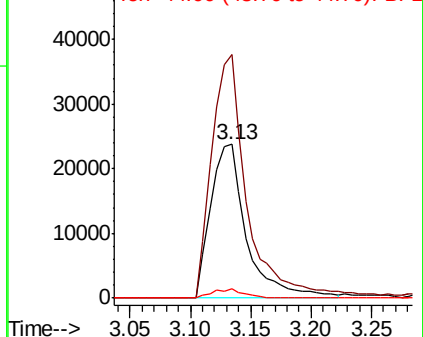
Lab File: BF117561.D

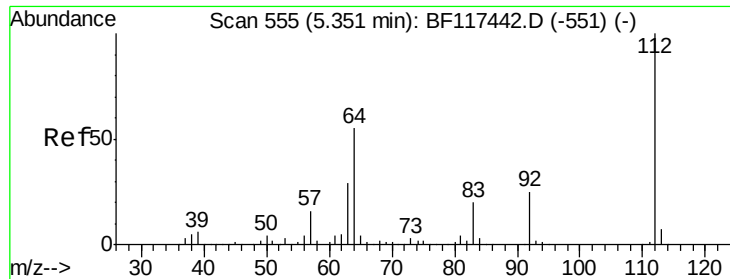
Acq: 28 Oct 2019 15:10

Tgt Ion:	42	Resp:	48813
Ion	Ratio	Lower	Upper
42	100		
74	158.5	124.2	186.4
44	6.5	4.2	6.4#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





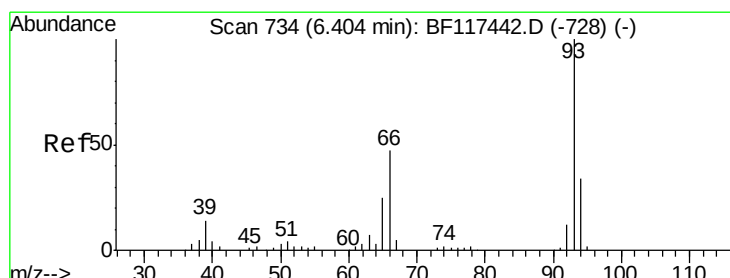
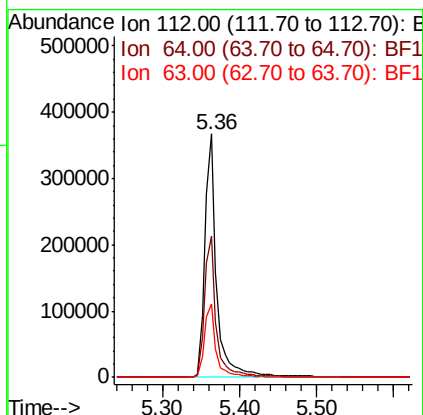
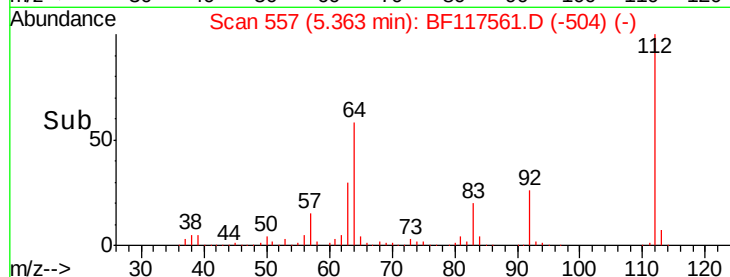
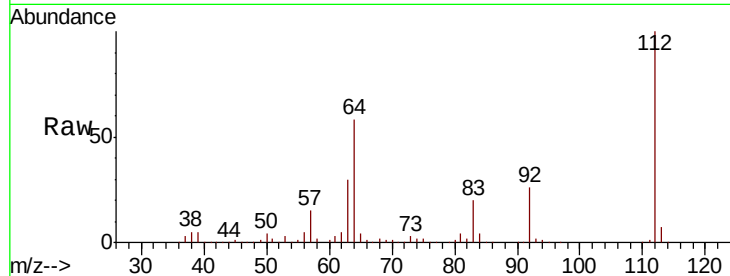
#5
2-Fluorophenol
Concen: 132.160 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	58.0	44.1	66.1
63	30.0	23.4	35.2

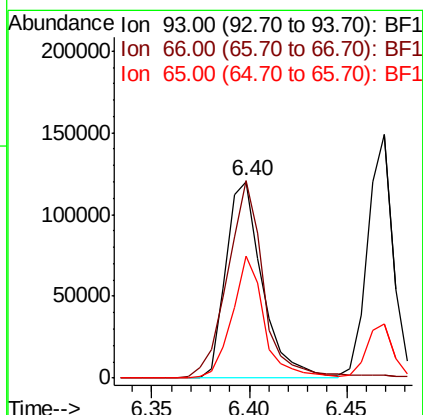
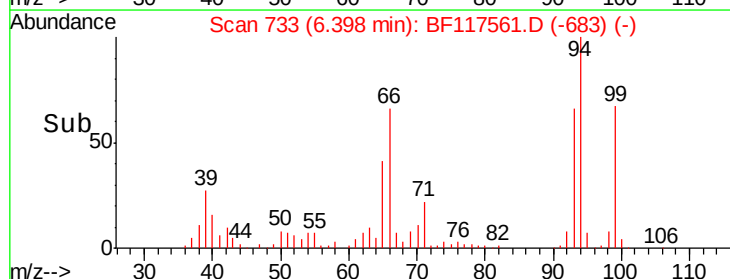
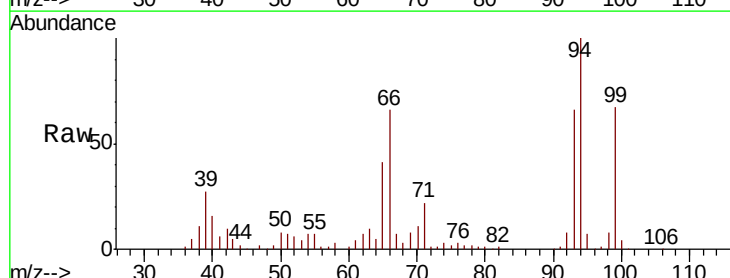
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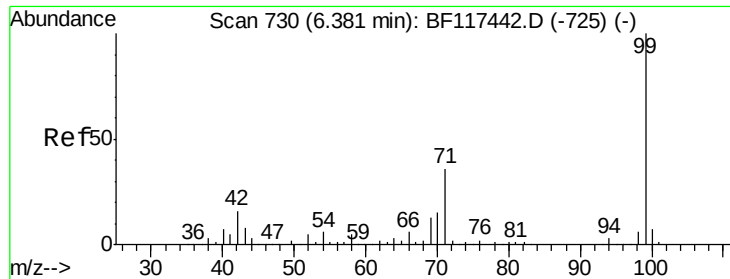
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#6
Aniline
Concen: 33.136 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	100.2	38.7	58.1#
65	61.8	20.1	30.1#





#7

Phenol-d6

Concen: 133.282 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Instrument :

BNA_F

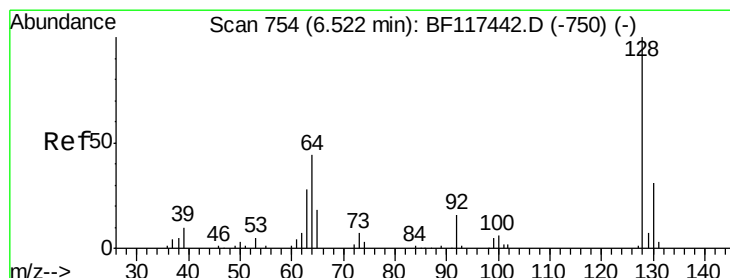
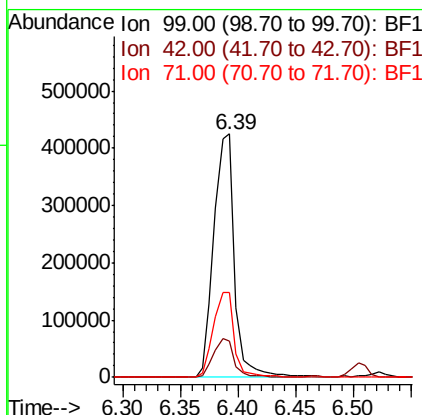
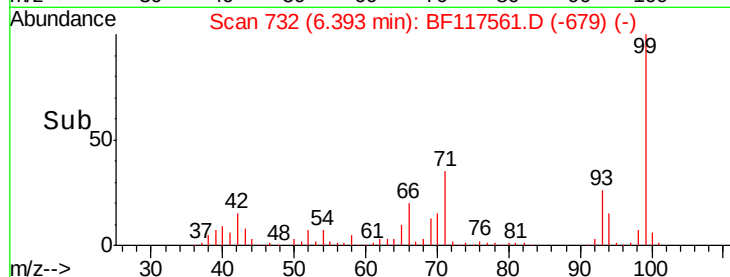
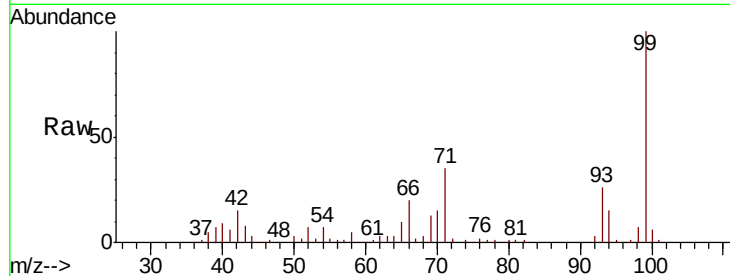
ClientSampleId :

R-1MS

Tot Ion:	99	Resp:	535351
Ion Ratio	Lower	Upper	
99	100		
42	15.1	12.8	19.2
71	34.9	28.6	43.0

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#8

2-Chlorophenol

Concen: 44.508 ng

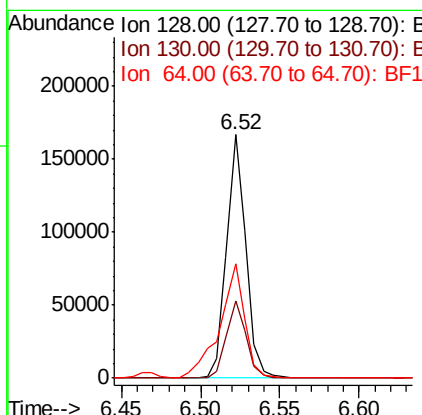
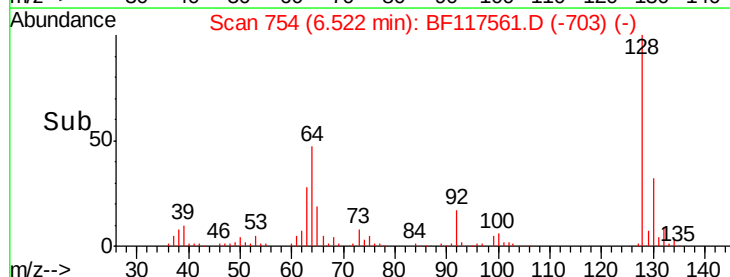
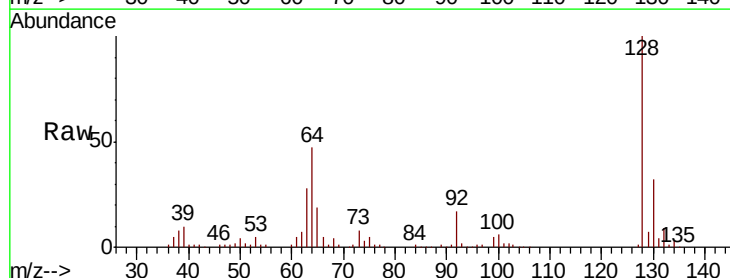
RT: 6.52 min Scan# 754

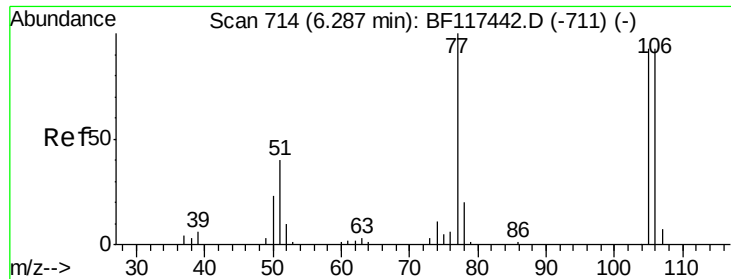
Delta R.T. 0.00 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Tgt Ion:	128	Resp:	140454
Ion Ratio	Lower	Upper	
128	100		
130	31.7	11.1	51.1
64	47.2	27.1	67.1





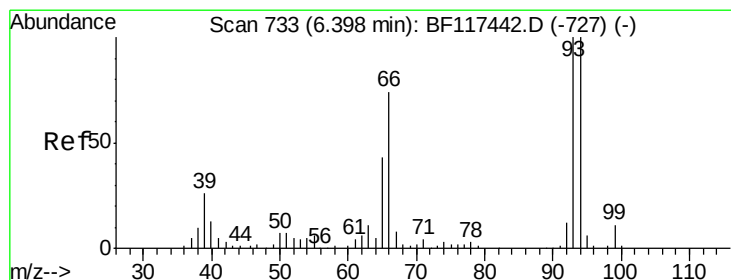
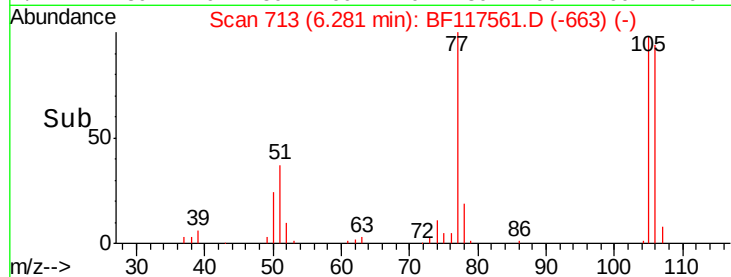
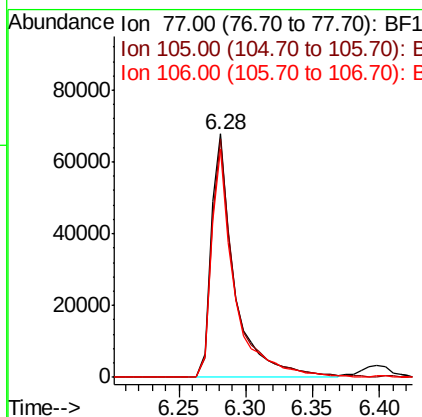
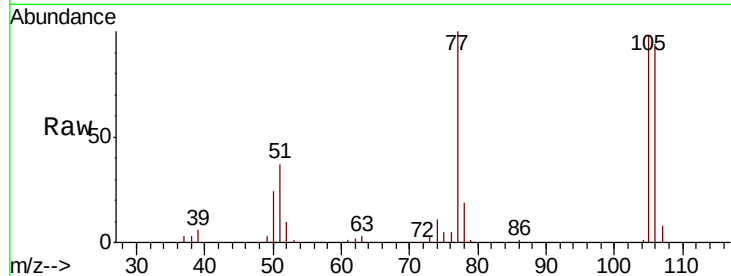
#9
Benzaldehyde
Concen: 43.655 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	97.7	73.4	113.4
106	93.7	73.0	113.0

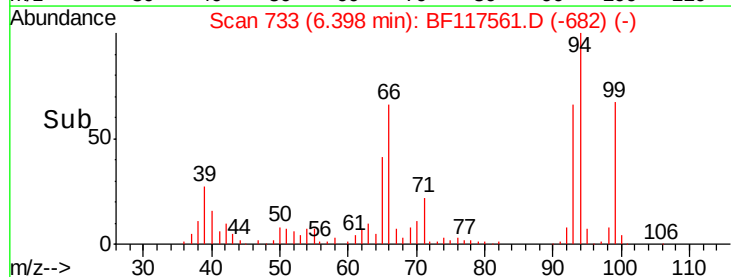
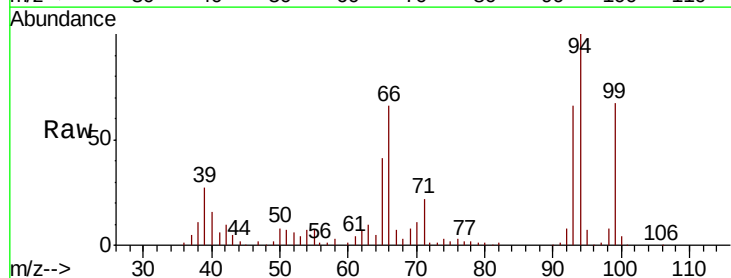
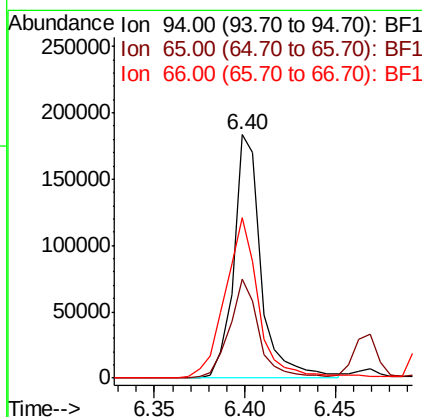
Manual Integrations
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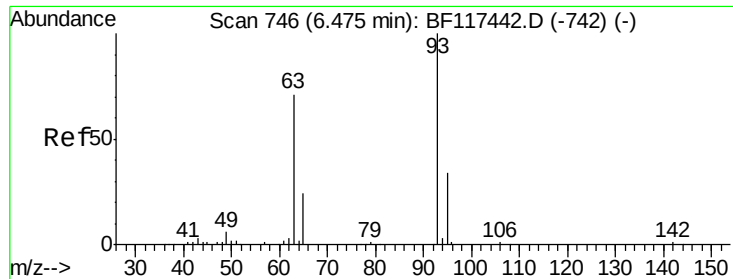
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10/30/2019 4:51:08 PM



#10
Phenol
Concen: 47.195 ng
RT: 6.40 min Scan# 733
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	40.5	23.4	63.4
66	65.7	54.7	94.7





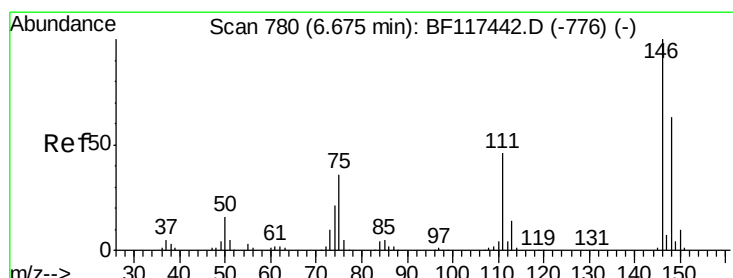
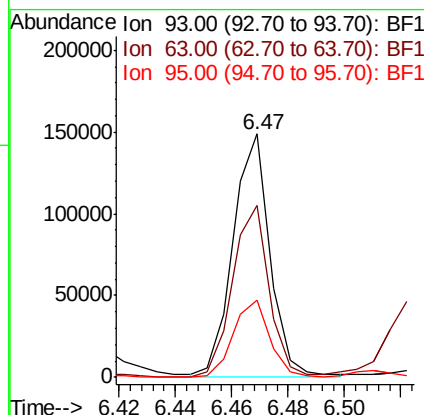
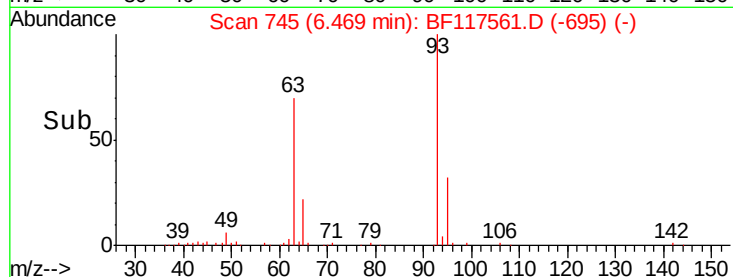
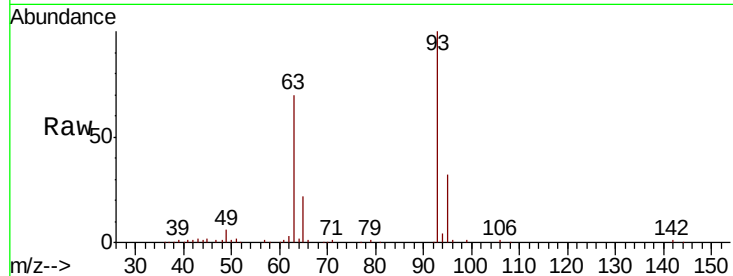
#11
bis(2-Chloroethyl)ether
Concen: 44.480 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion:	93	Resp:	134878
Ion Ratio	Lower	Upper	
93	100		
63	70.4	50.2	90.2
95	31.8	13.9	53.9

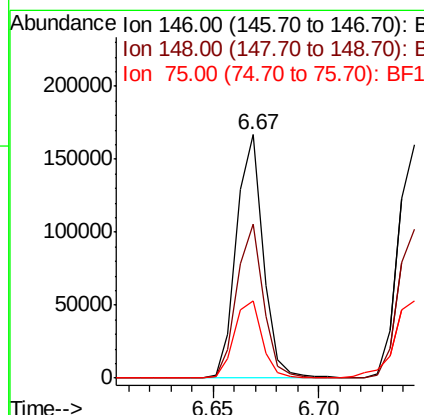
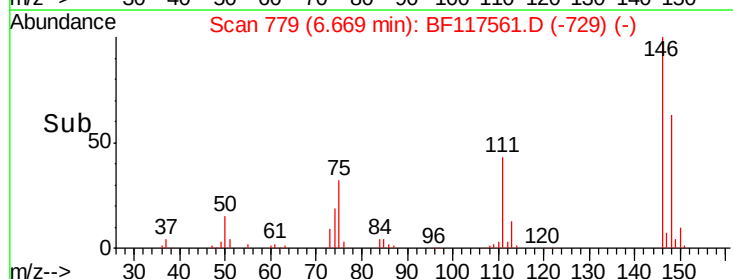
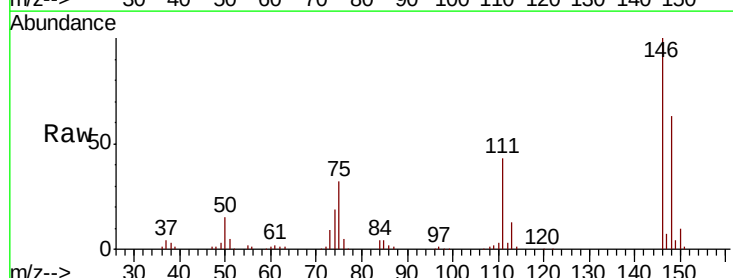
Manual Integrations
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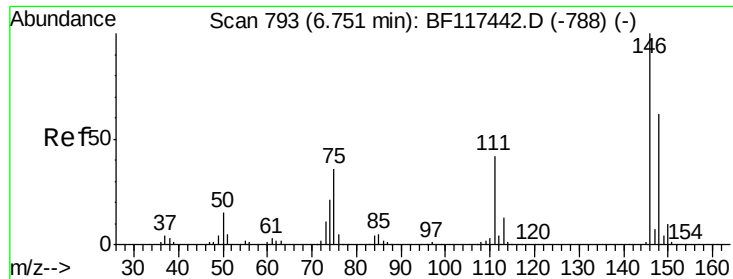
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.341 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion:	146	Resp:	145586
Ion Ratio	Lower	Upper	
146	100		
148	63.4	50.6	75.8
75	31.5	28.6	43.0





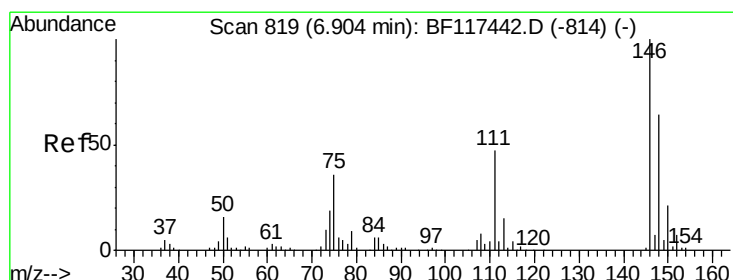
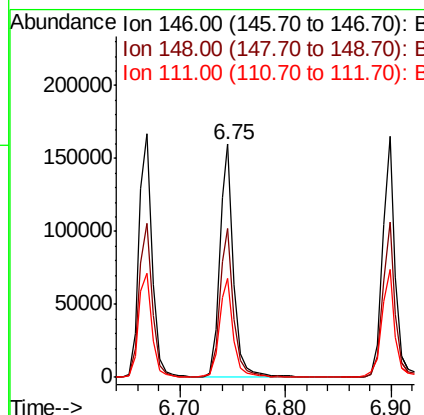
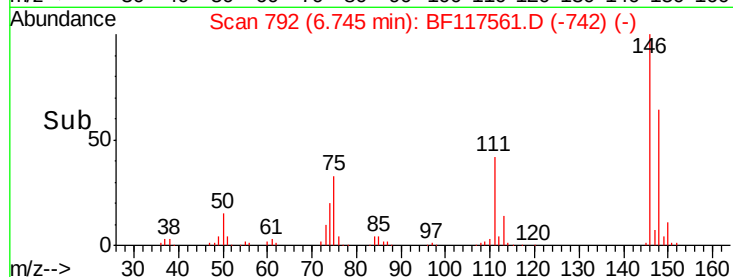
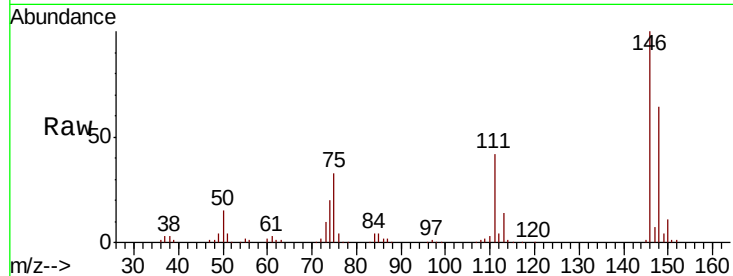
#13
1,4-Dichlorobenzene
Concen: 41.612 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	49.3	73.9
111	42.3	33.6	50.4

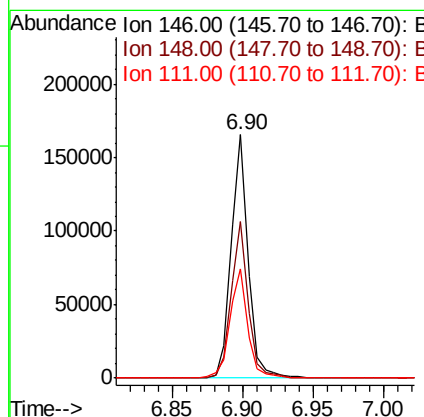
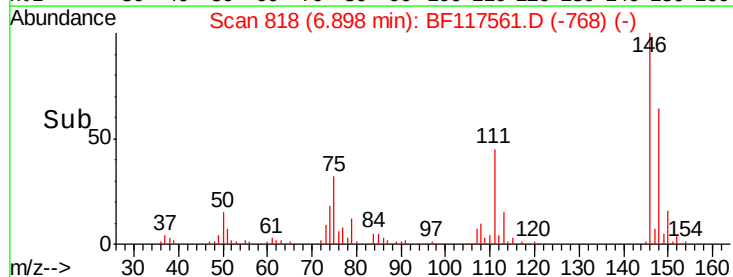
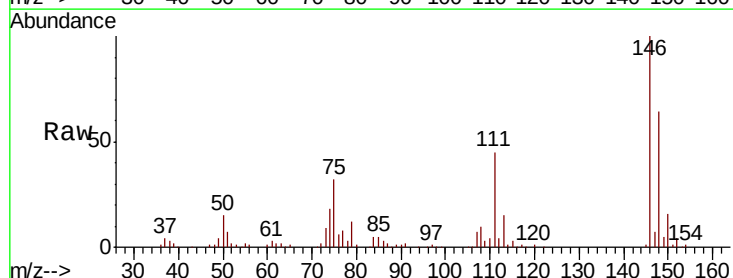
Manual Integrations
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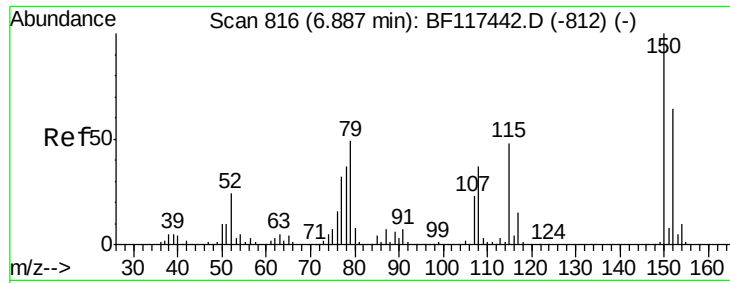
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.218 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
111	44.6	37.7	56.5





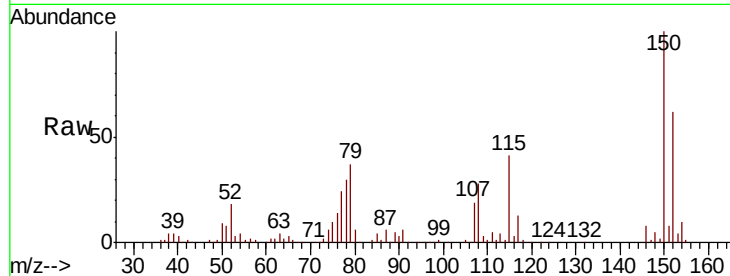
#15
Benzyl Alcohol
Concen: 44.984 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-1MS

Tot Ion	Ratio	Resp	Lower	Upper
79	100	129091		
108	77.9	59.8	89.8	
77	64.5	51.4	77.0	

Manual Integrations
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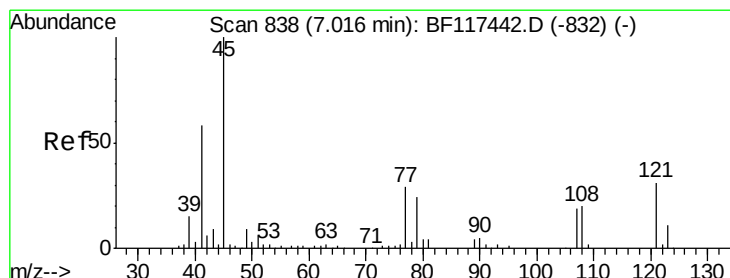
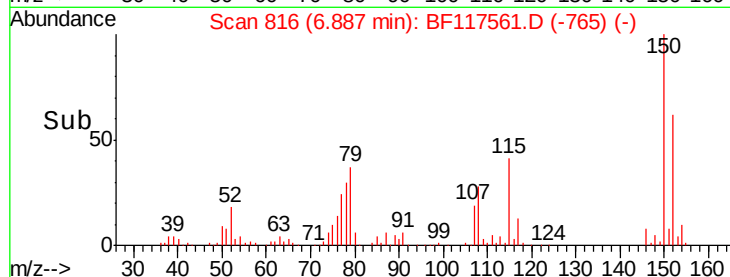
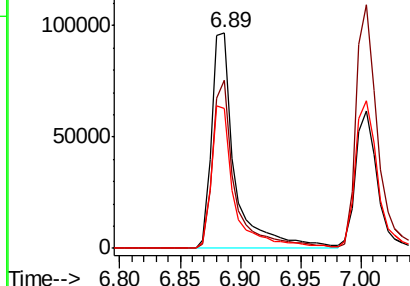


Abundance

Ion 79.00 (78.70 to 79.70): BF1

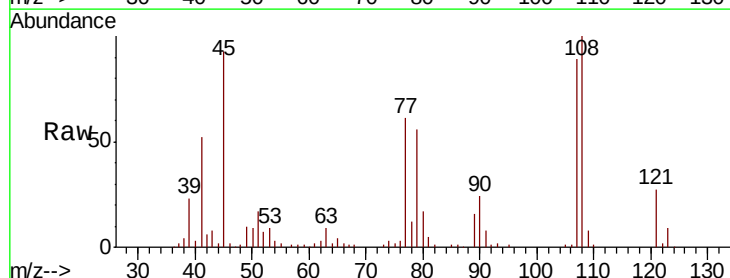
Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.638 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	132933		
77	65.0	9.9	49.9#	
79	60.5	5.5	45.5#	

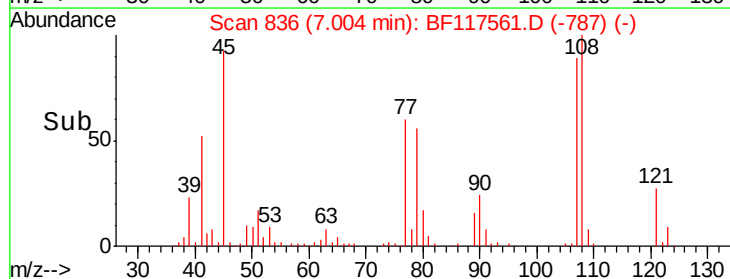
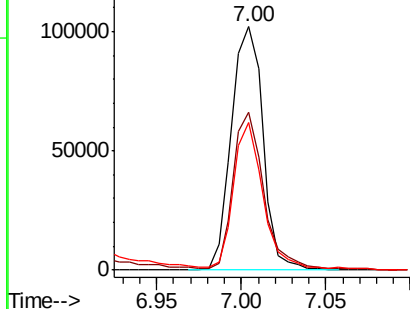


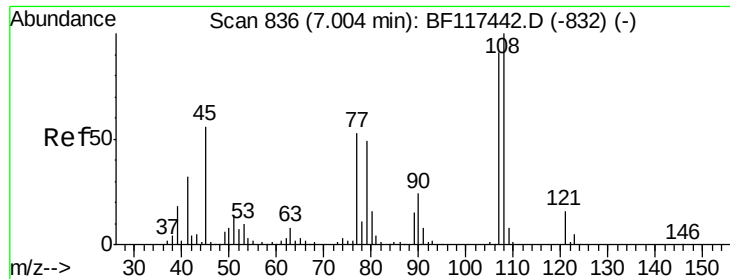
Abundance

Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





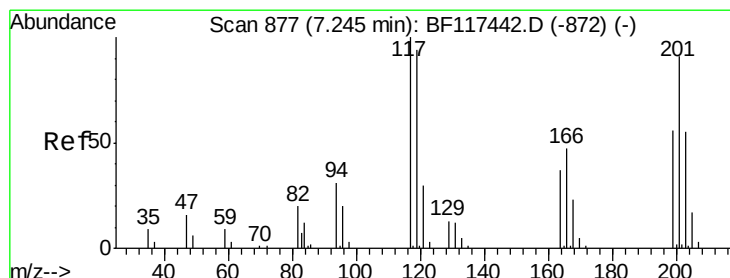
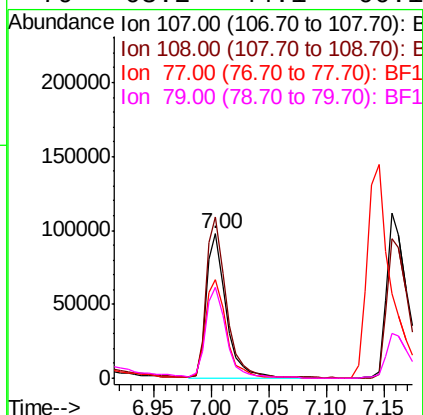
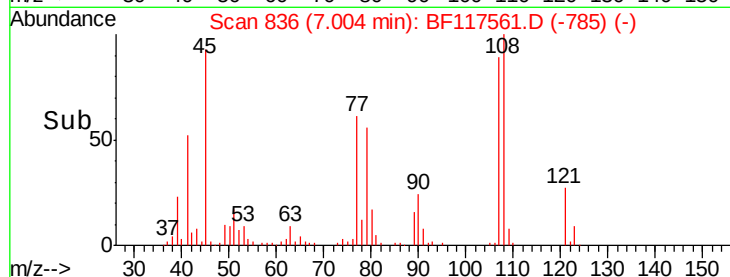
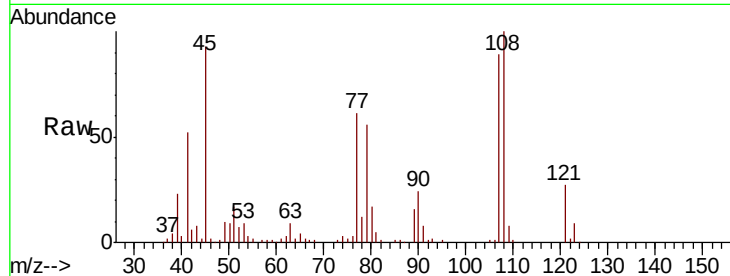
#17
2-Methylphenol
Concen: 45.406 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-IMS

Tot Ion	Ratio	Lower	Upper
107	100		
108	112.0	88.0	132.0
77	67.9	47.2	70.8
79	63.2	44.1	66.1

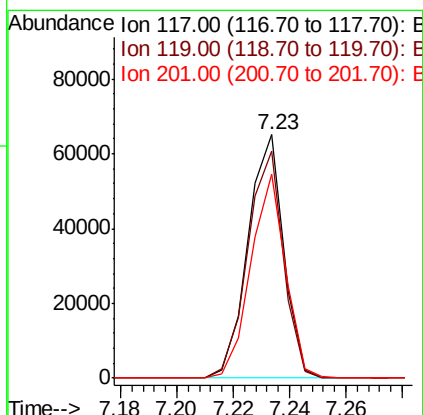
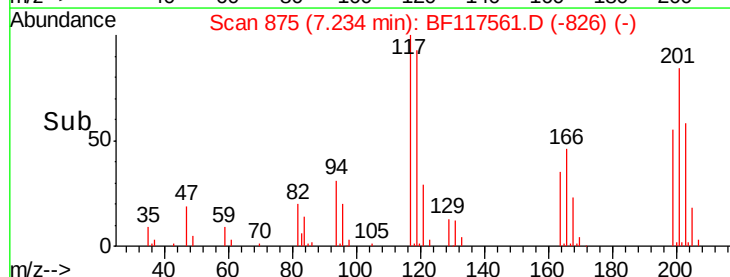
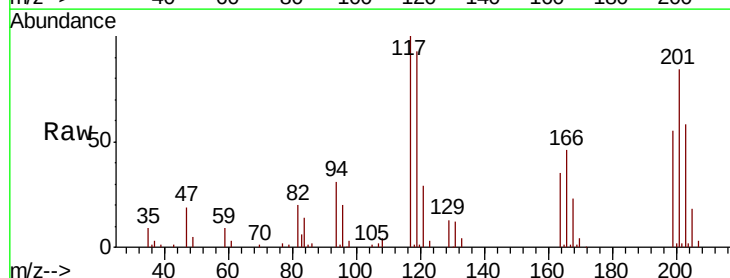
Manual Integrations
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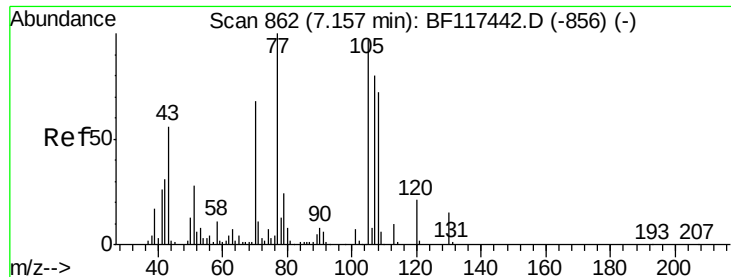
mohammad
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#18
Hexachloroethane
Concen: 40.764 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.2	75.4	113.0
201	84.0	72.5	108.7





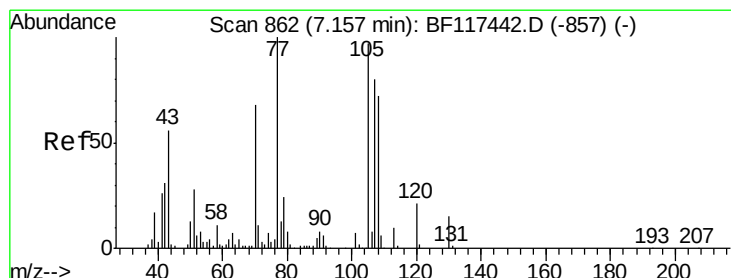
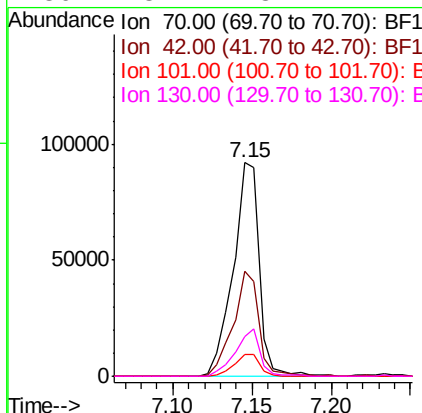
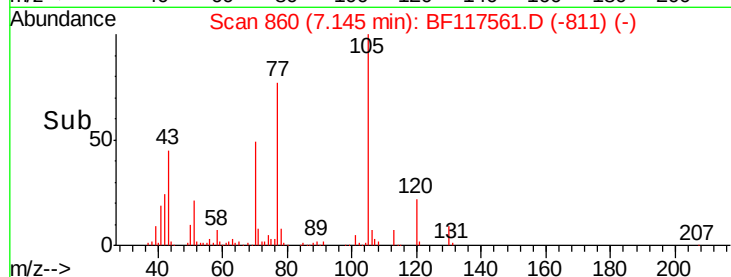
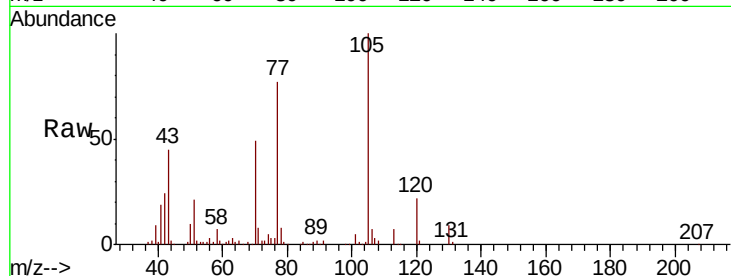
#19
n-Nitroso-di-n-propylamine
Concen: 42.977 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.9	36.7	55.1
101	10.1	8.3	12.5
130	18.7	18.1	27.1

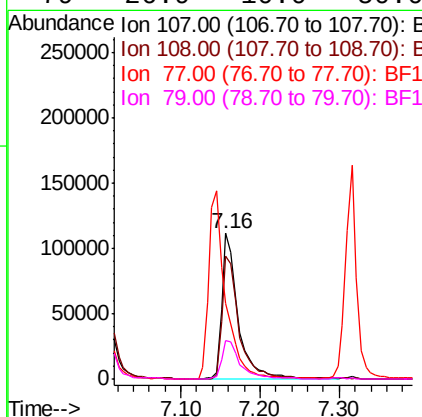
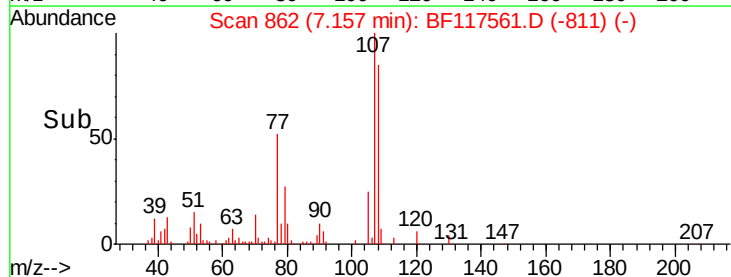
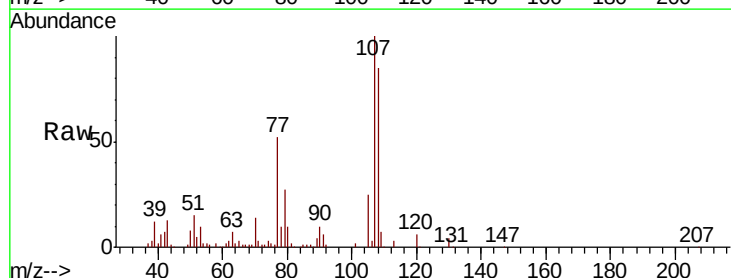
Manual Integrations
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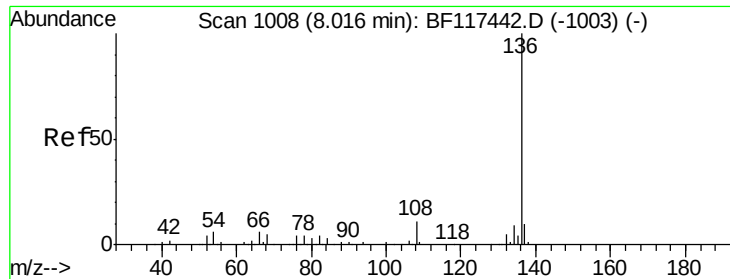
mohammad
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#20
3+4-Methylphenols
Concen: 46.381 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
107	100		
108	84.8	70.3	110.3
77	51.6	104.8	144.8#
79	26.9	10.0	50.0





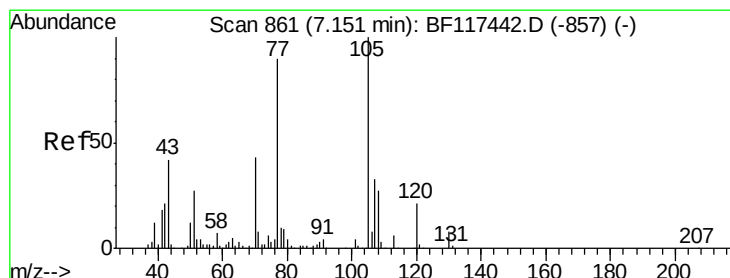
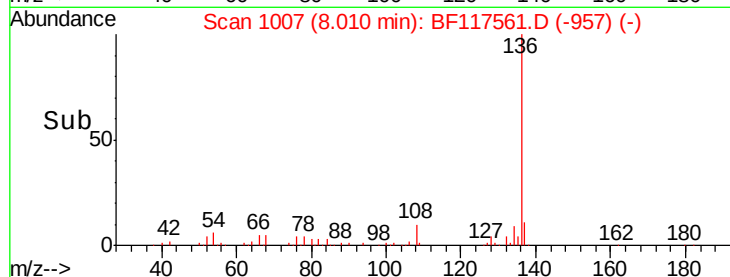
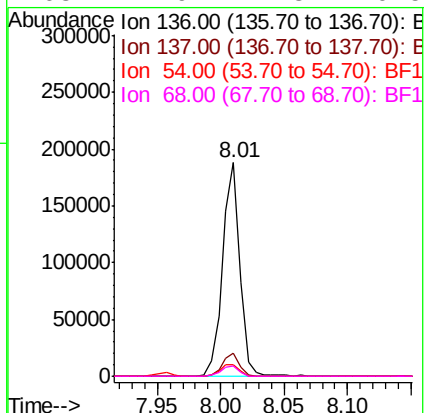
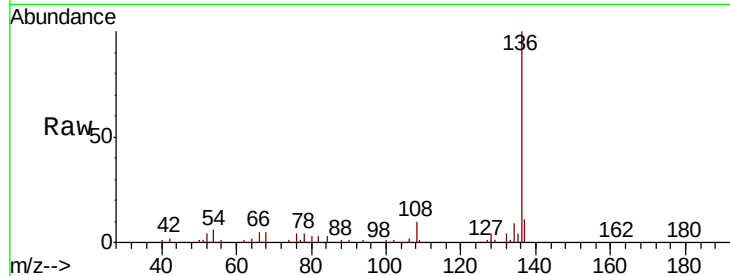
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-1MS

Tot Ion	136	Resp	178520
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.2	12.4
54	5.7	4.5	6.7
68	4.9	4.3	6.5

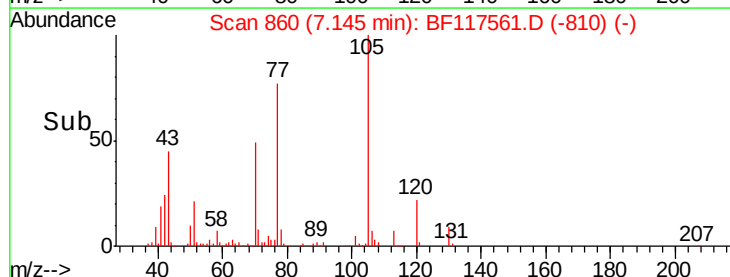
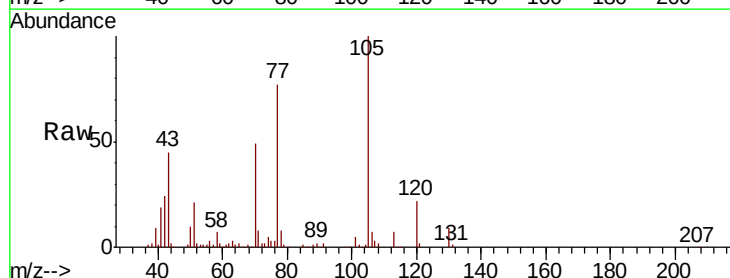
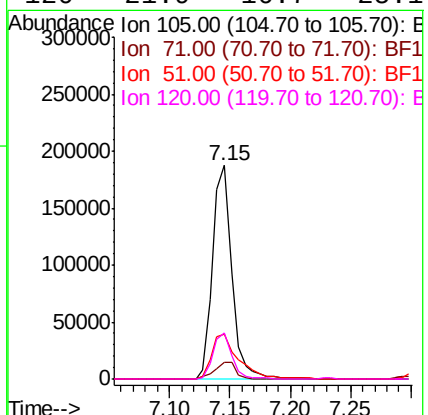
Manual Integrations
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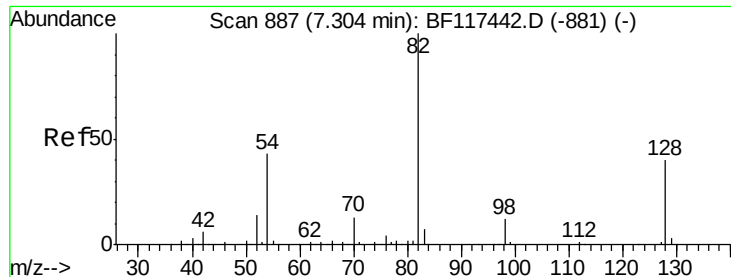
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#22
Acetophenone
Concen: 43.622 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	105	Resp	206785
Ion Ratio	Lower	Upper	
105	100		
71	7.8	6.2	9.2
51	21.2	21.8	32.6
120	21.9	16.7	25.1





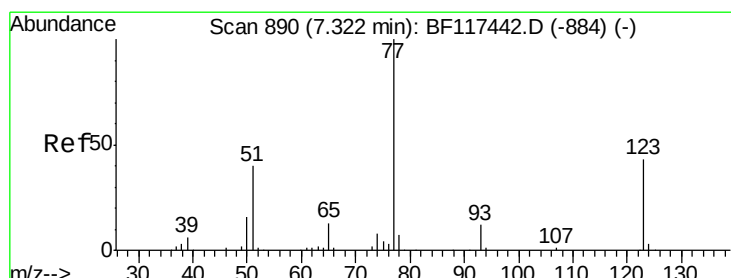
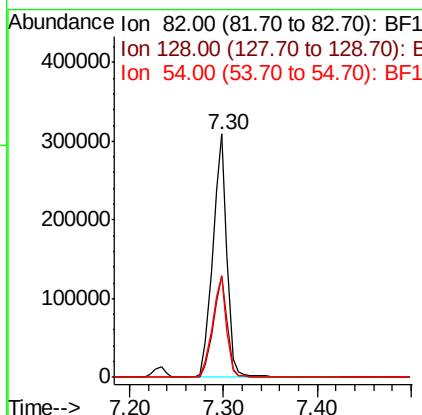
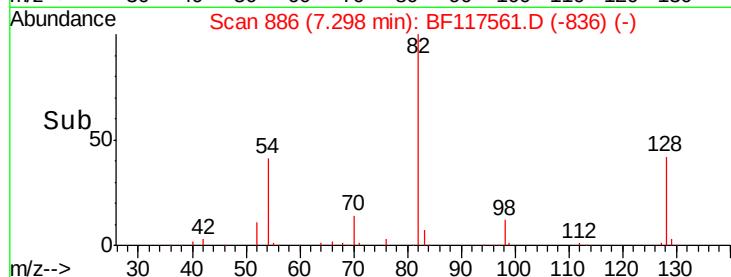
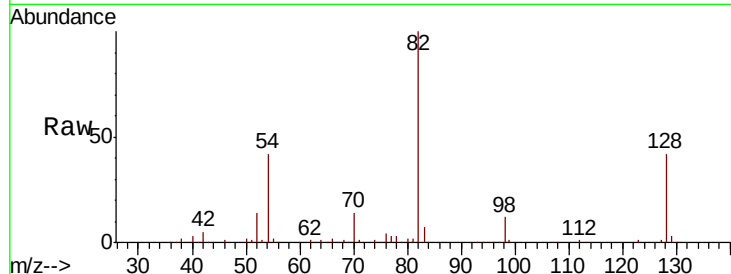
#23
 Nitrobenzene-d5
 Concen: 91.212 ng
 RT: 7.30 min Scan# 886
 Delta R.T. -0.01 min
 Lab File: BF117561.D
 Acq: 28 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampled :
 R-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.7	32.2	48.2
54	41.7	34.2	51.2

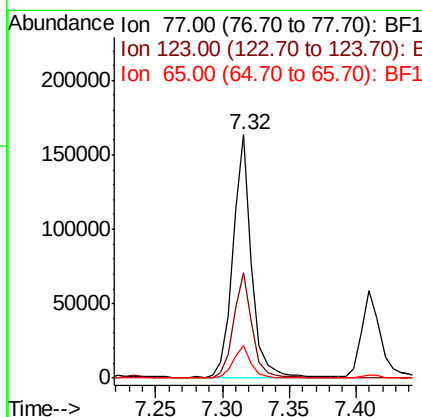
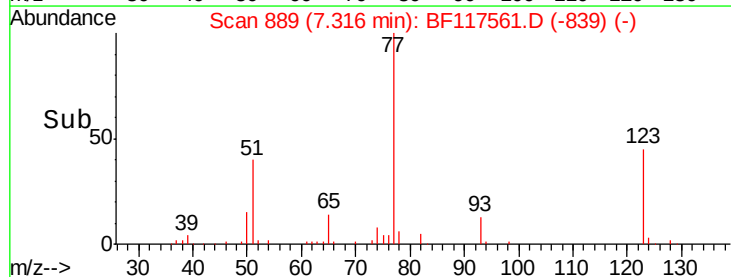
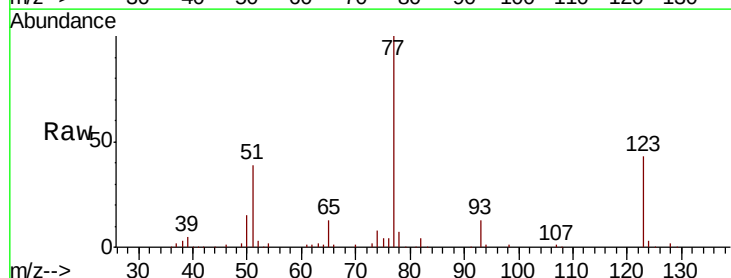
Manual Integrations
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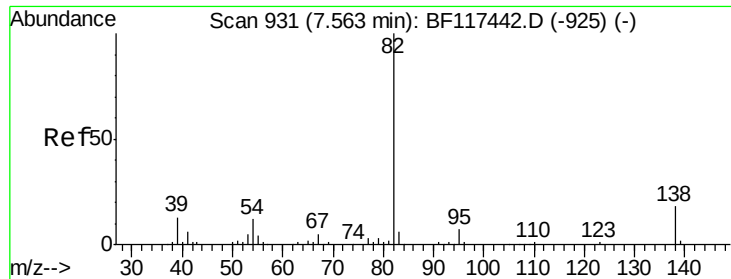
mohammad
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#24
 Nitrobenzene
 Concen: 46.629 ng
 RT: 7.32 min Scan# 889
 Delta R.T. -0.01 min
 Lab File: BF117561.D
 Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.4	34.2	51.2
65	13.2	10.3	15.5





#25

Isophorone

Concen: 45.455 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Instrument :

BNA_F

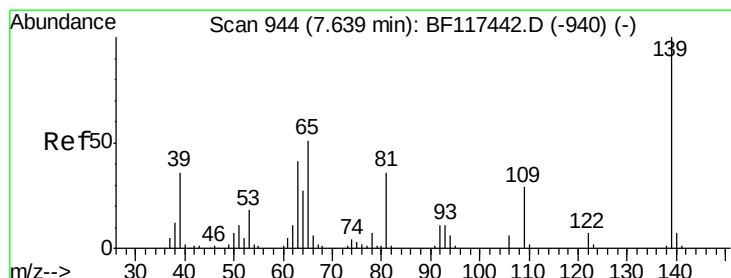
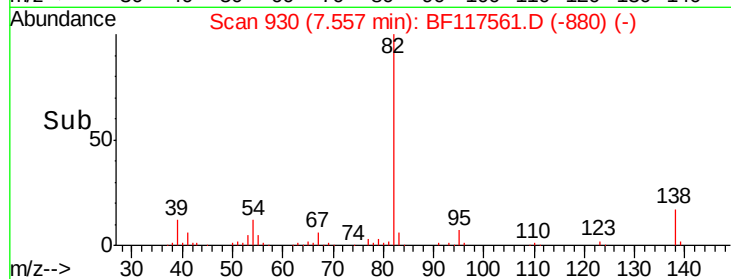
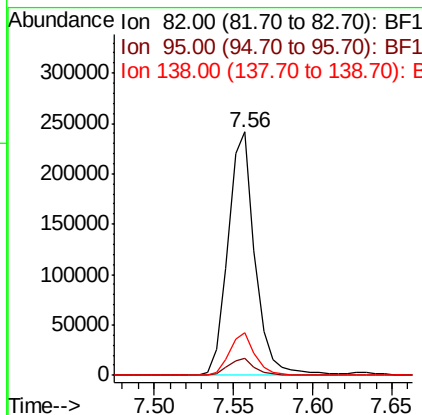
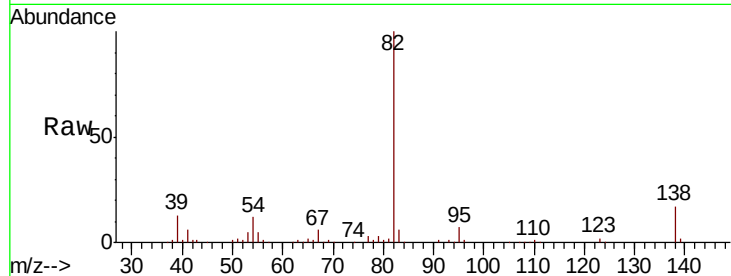
ClientSampleId :

R-1MS

Tot Ion:	82	Resp:	284348
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.4	8.0
138	17.4	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.279 ng

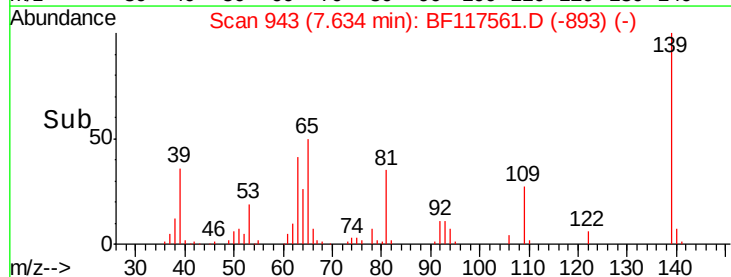
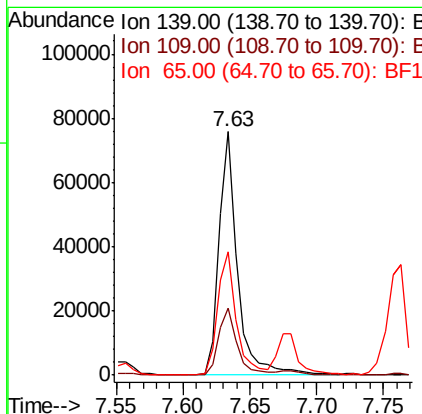
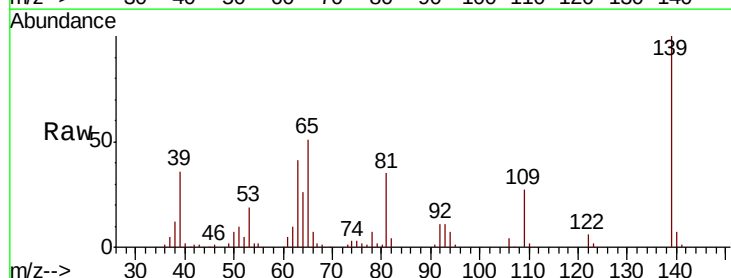
RT: 7.63 min Scan# 943

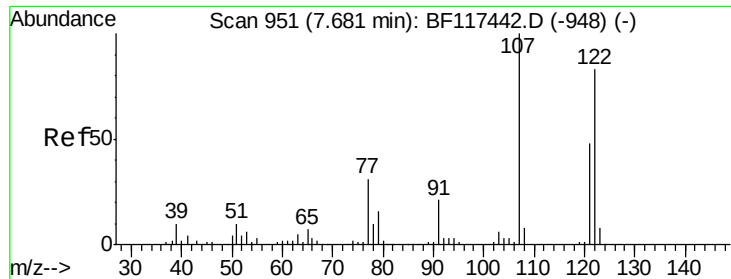
Delta R.T. -0.01 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Tgt Ion:	139	Resp:	74578
Ion Ratio	Lower	Upper	
139	100		
109	27.4	23.2	34.8
65	50.9	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 53.724 ng

RT: 7.68 min Scan# 951

Delta R.T. 0.00 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Instrument :

BNA_F

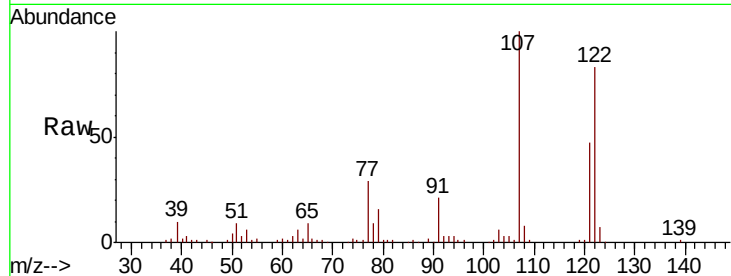
ClientSampleId :

R-1MS

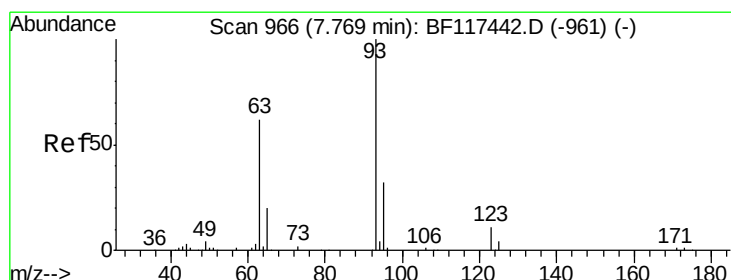
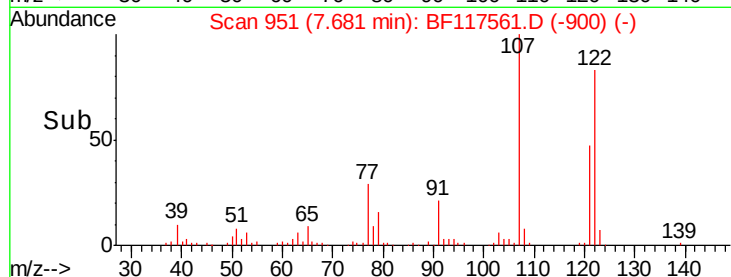
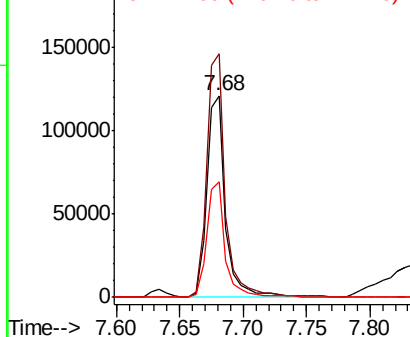
Tot Ion:	122	Resp:	124026
Ion Ratio	Lower	Upper	
122	100		
107	120.7	96.8	145.2
121	57.2	46.4	69.6

Manual Integrations
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.430 ng

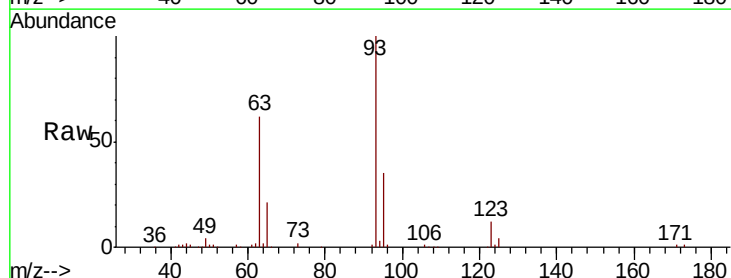
RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

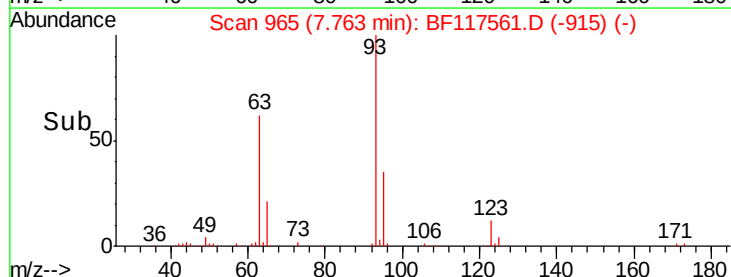
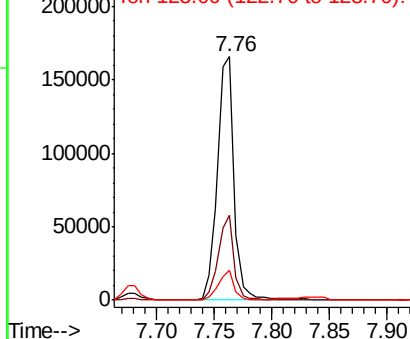
Lab File: BF117561.D

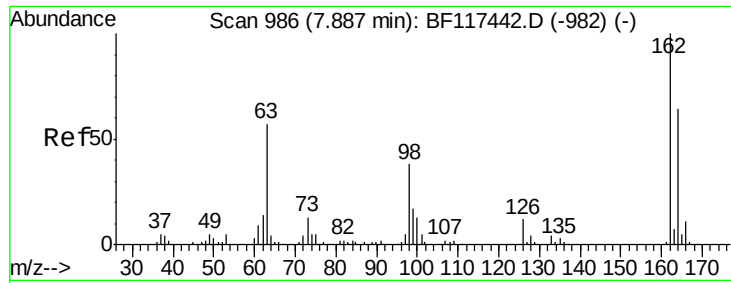
Acq: 28 Oct 2019 15:10

Tgt Ion:	93	Resp:	167640
Ion Ratio	Lower	Upper	
93	100		
95	34.7	25.5	38.3
123	12.5	9.0	13.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E





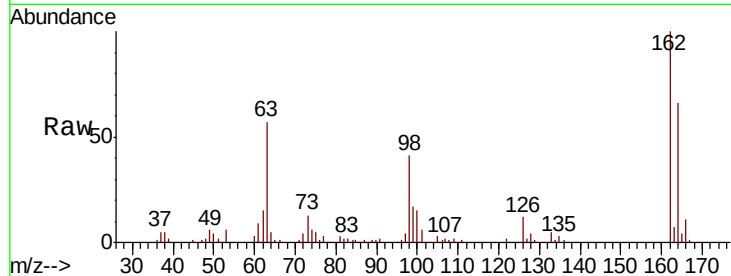
#29
2,4-Dichlorophenol
Concen: 45.366 ng
RT: 7.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	109849		
164	66.2		44.4	84.4
98	40.6		18.2	58.2

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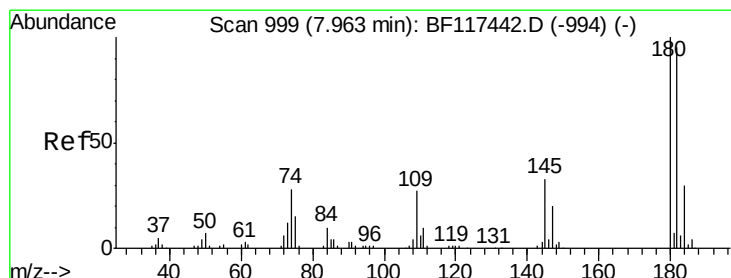
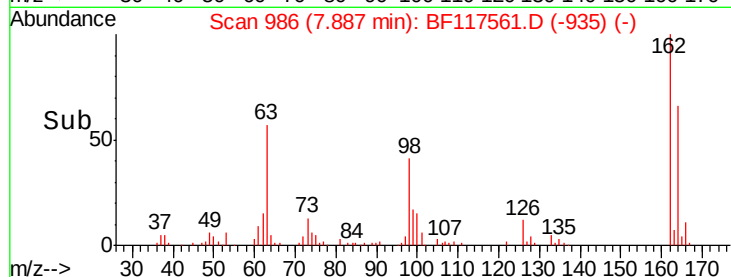
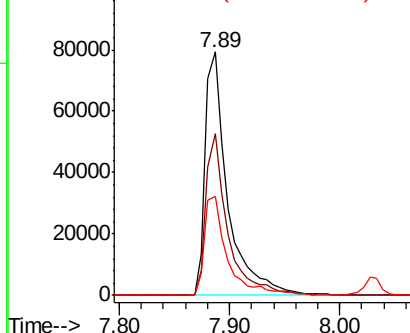


Abundance

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: 43.323 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

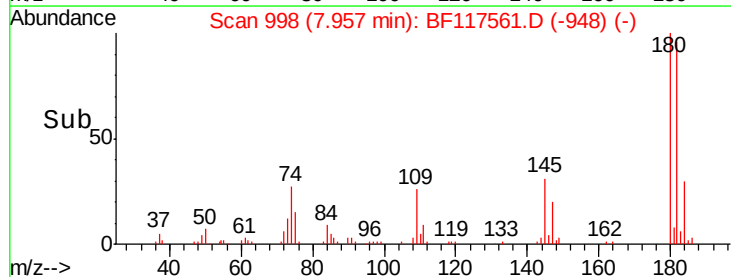
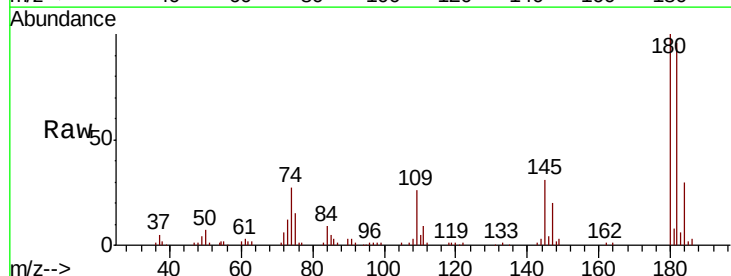
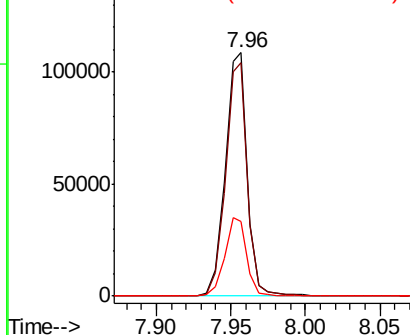
Tgt Ion	Ratio	Resp	Lower	Upper
180	100	112575		
182	95.7		75.8	113.8
145	30.6		26.5	39.7

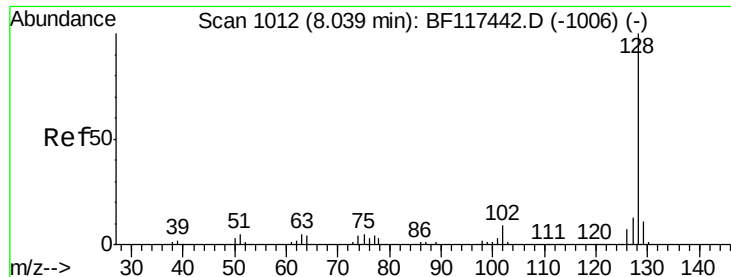
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





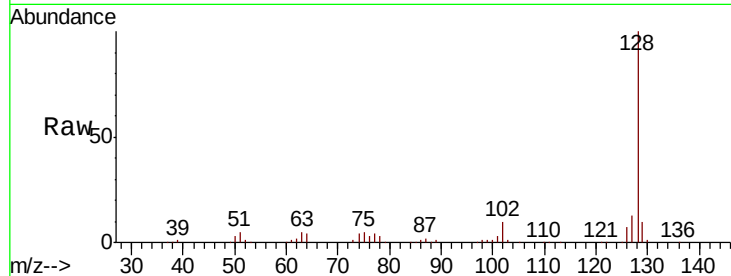
#31
Naphthalene
Concen: 45.932 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-1MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.3	9.0	13.4
127	12.7	10.2	15.2

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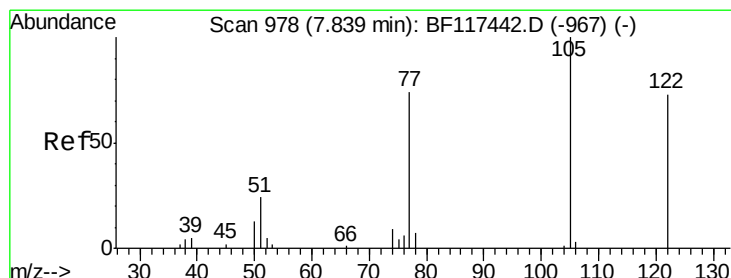
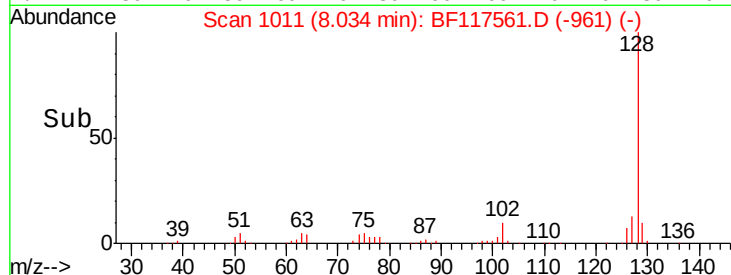
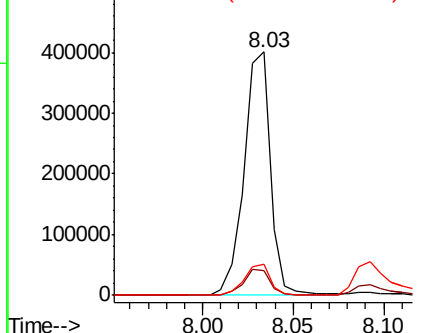


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 37.039 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

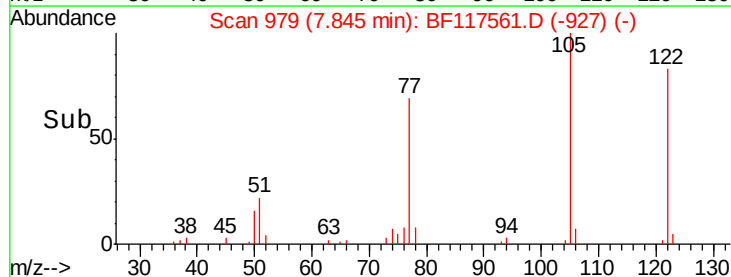
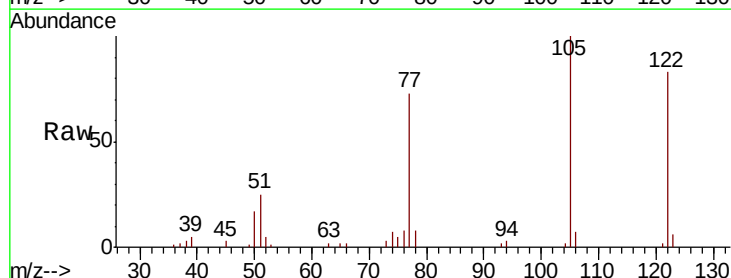
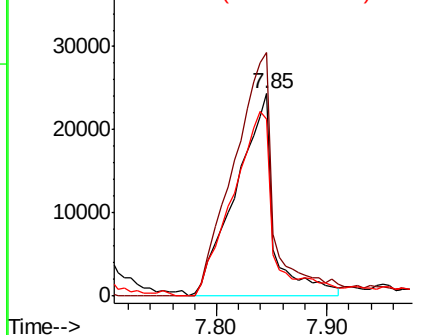
Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.3	115.0	155.0
77	87.2	79.7	119.7

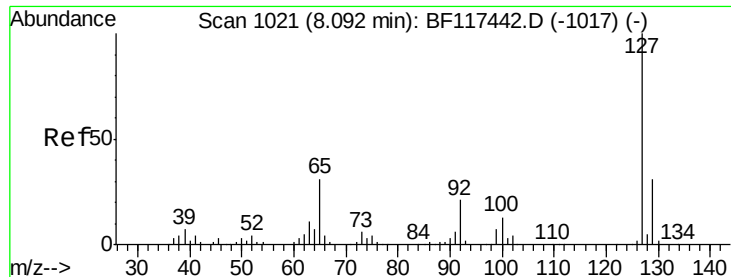
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





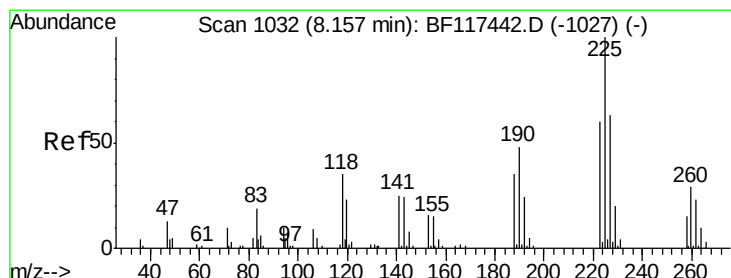
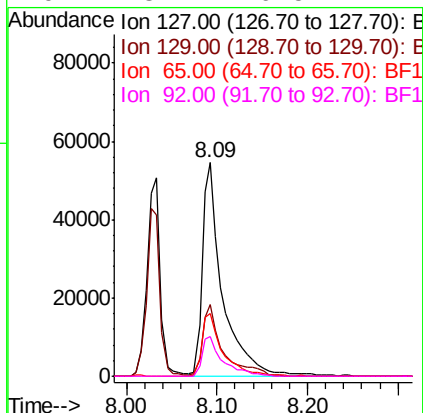
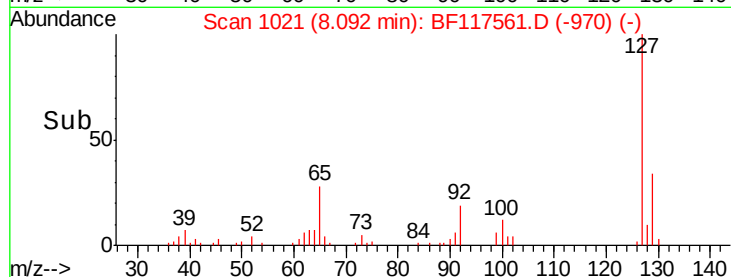
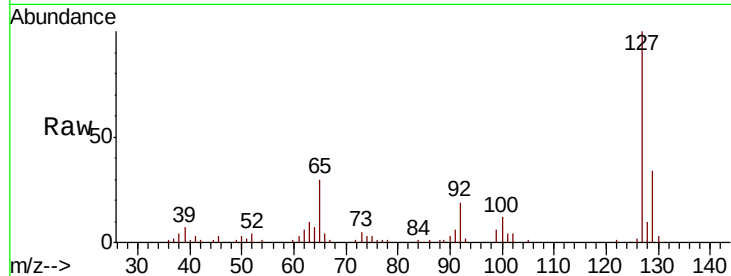
#33
4-Chloroaniline
Concen: 22.916 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	33.6	24.8	37.2
65	29.6	24.6	37.0
92	18.7	16.5	24.7

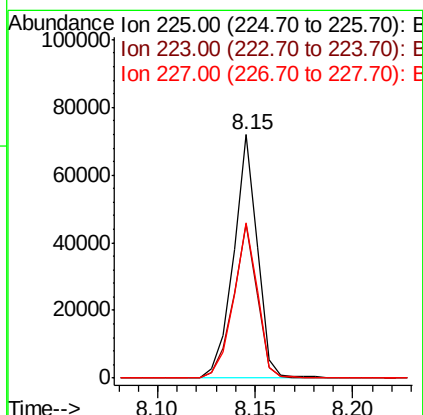
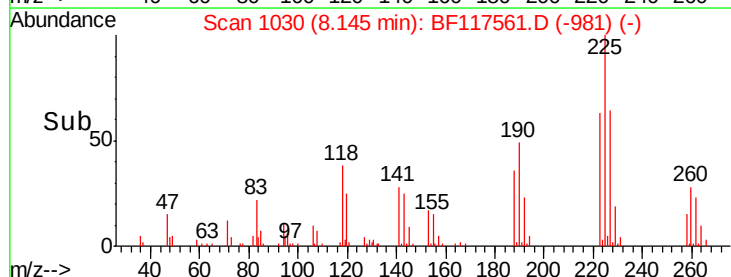
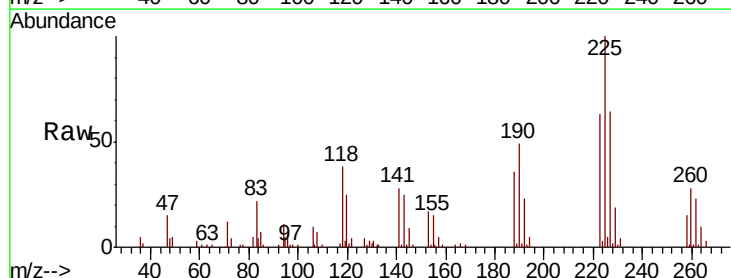
Manual Integrations
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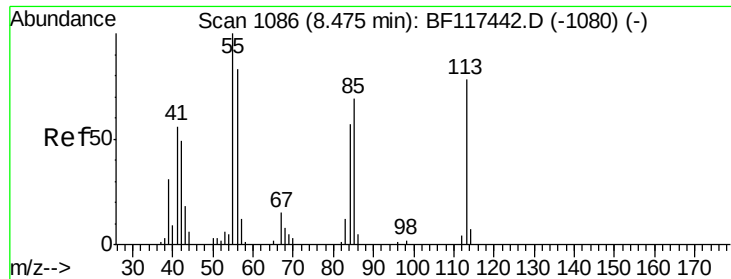
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#34
Hexachlorobutadiene
Concen: 40.107 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	48.2	72.4
227	64.0	50.2	75.4





#35

Caprolactam

Concen: 46.988 ng/ml

RT: 8.47 min Scan# 1085

Delta R.T. -0.01 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Instrument :

BNA_F

ClientSampled :

R-1MS

Tot Ion:113 Resp: 36550

Ion Ratio Lower Upper

113 100

55 143.6 108.8 148.8

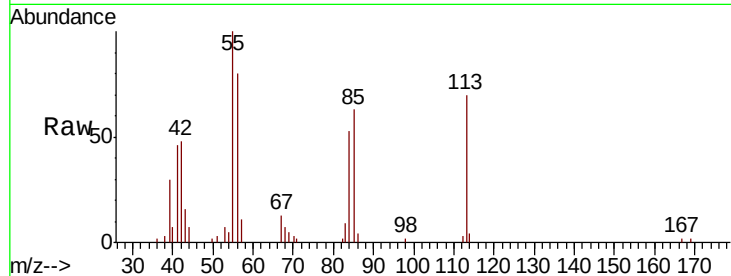
56 115.1 87.2 127.2

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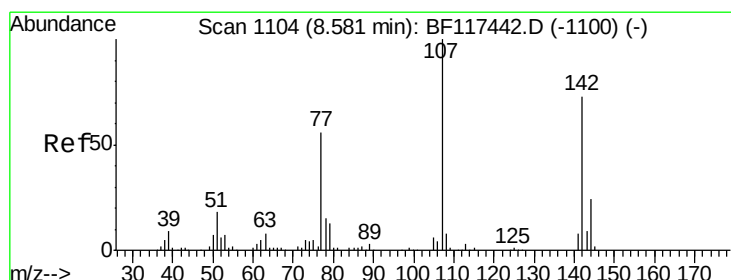
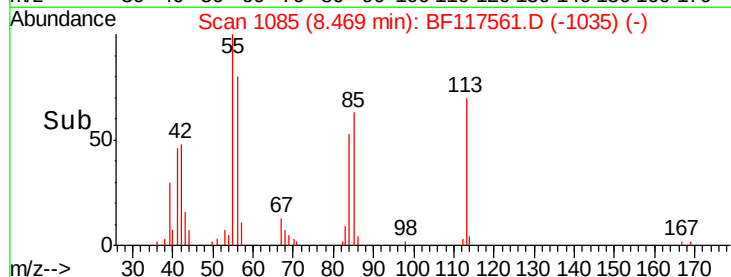
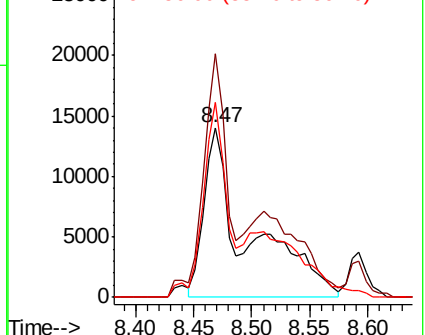
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 46.947 ng/ml

RT: 8.59 min Scan# 1106

Delta R.T. 0.01 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

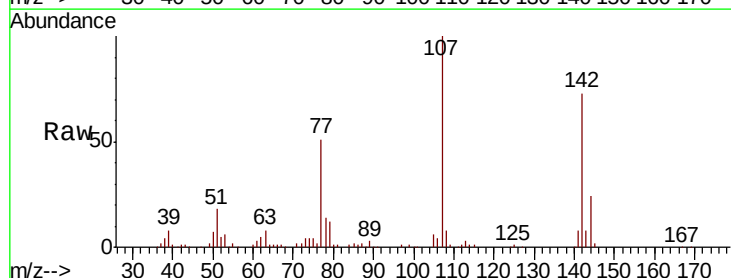
Tgt Ion:107 Resp: 129646

Ion Ratio Lower Upper

107 100

144 24.2 18.9 28.3

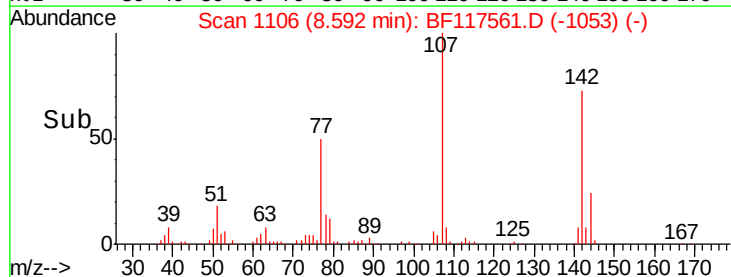
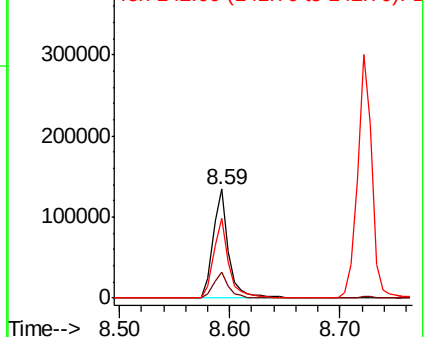
142 73.4 58.6 88.0

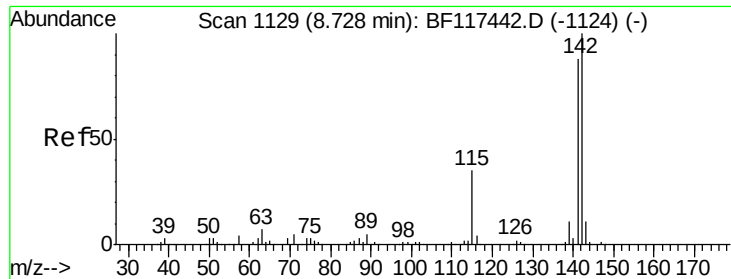


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





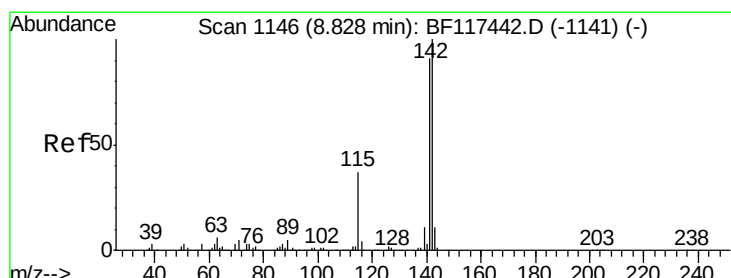
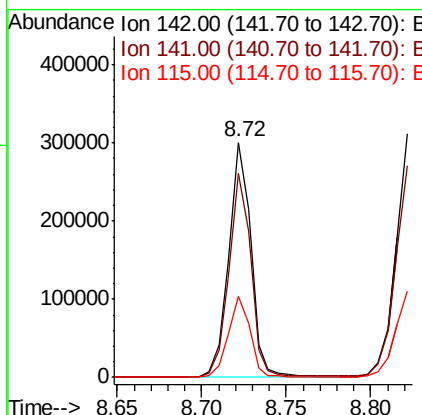
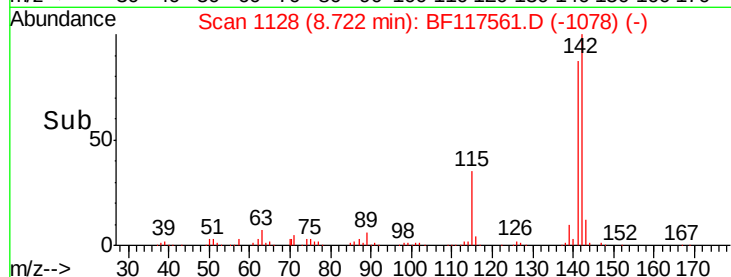
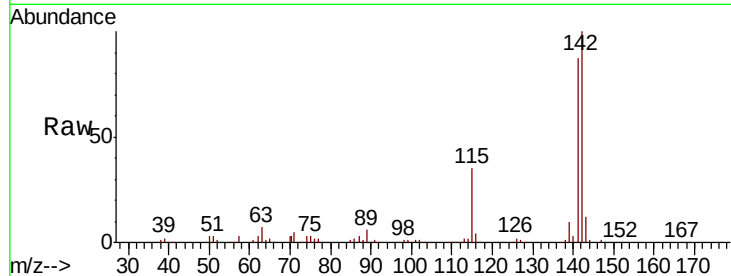
#37
2-Methylnaphthalene
Concen: 46.083 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.3	105.5
115	34.6	28.2	42.2

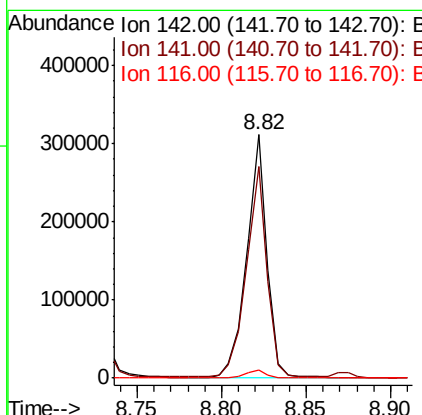
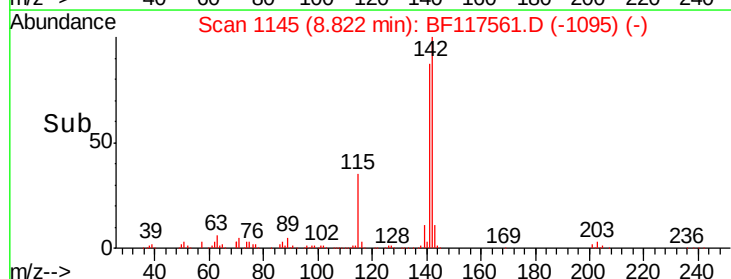
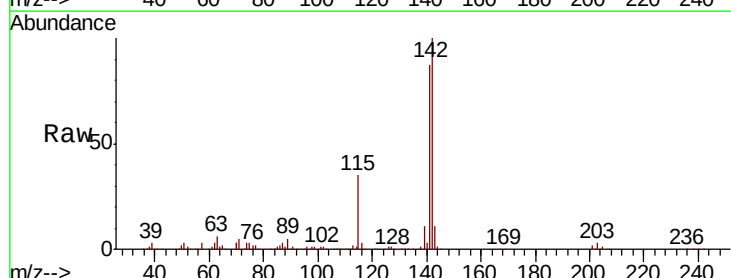
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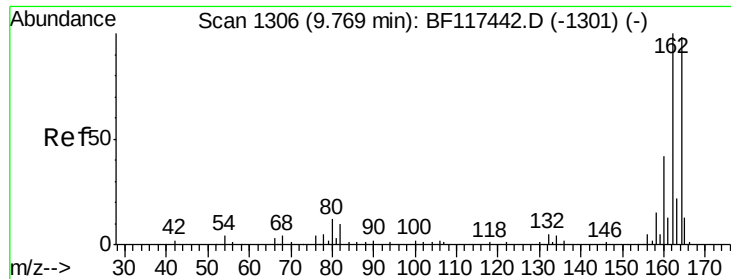
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#38
1-Methylnaphthalene
Concen: 46.349 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.1	73.3	109.9
116	3.5	3.1	4.7





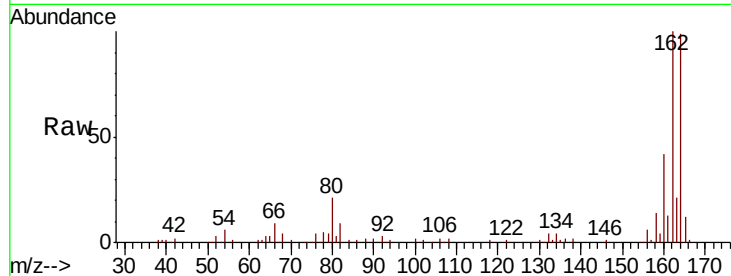
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-IMS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.8	122.6
160	42.3	34.4	51.6

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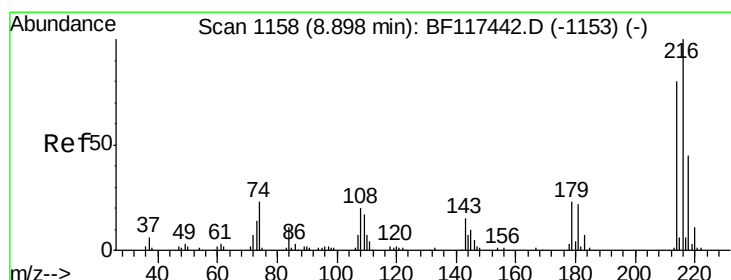
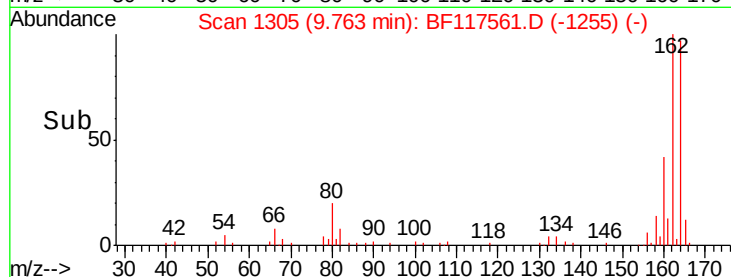
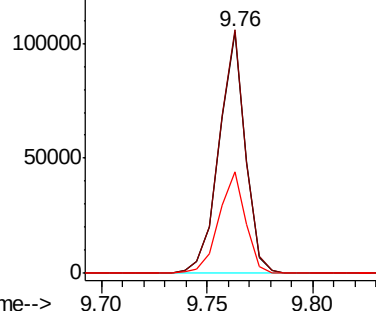


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.760 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.0	62.4	93.6
179	23.0	18.1	27.1
108	21.7	16.6	24.8

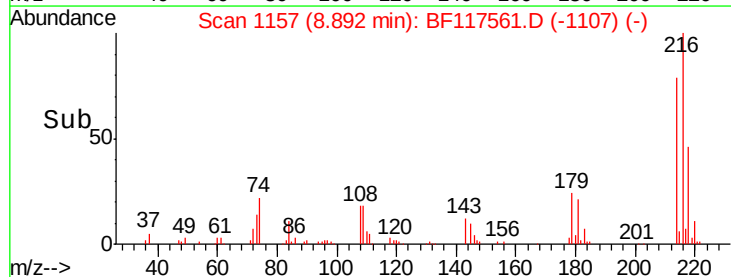
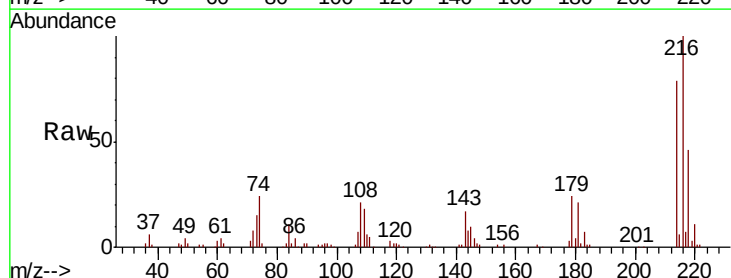
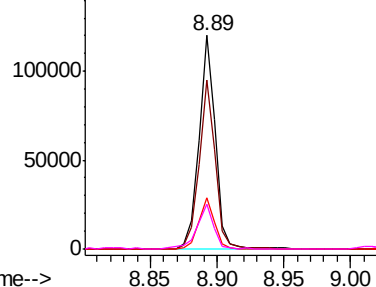
Abundance

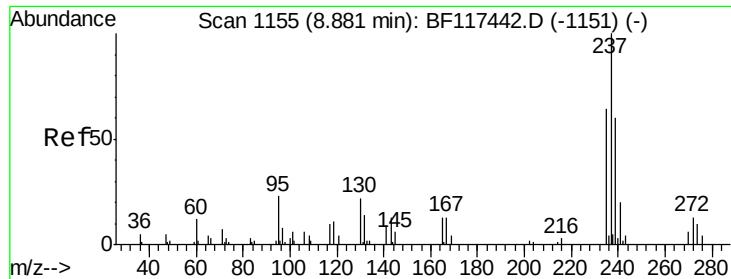
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





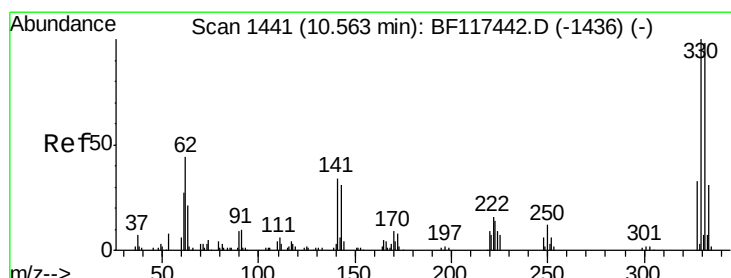
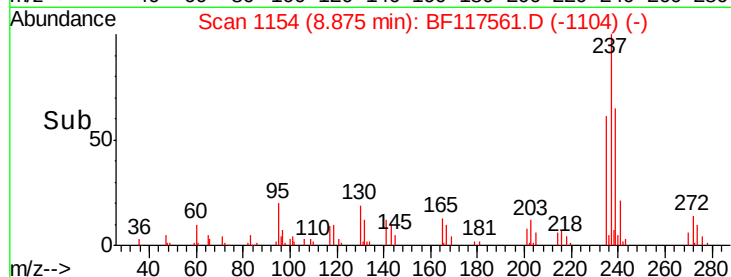
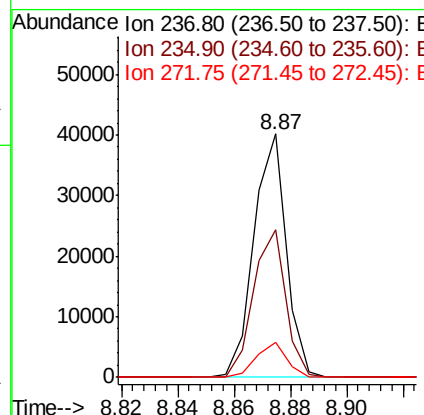
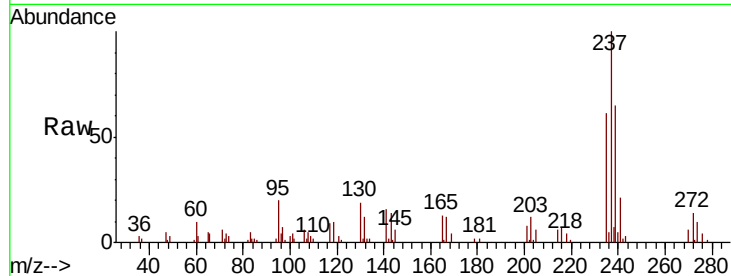
#41
Hexachlorocyclopentadiene
Concen: 56.868 ng
RT: 8.87 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-1MS

Tot Ion	Ratio	Resp	Lower	Upper
237	100	31934		
235	60.8	44.3	84.3	
272	14.3	0.0	33.2	

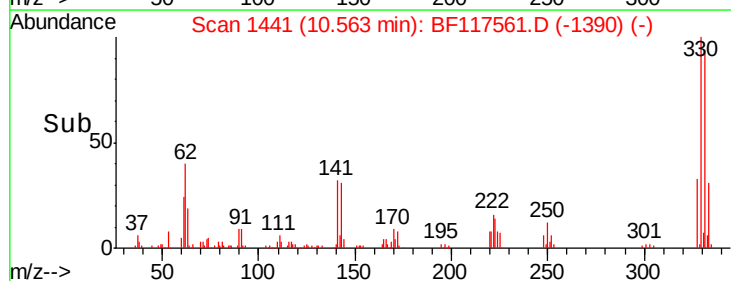
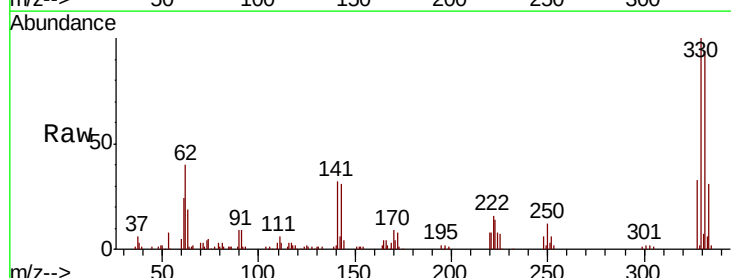
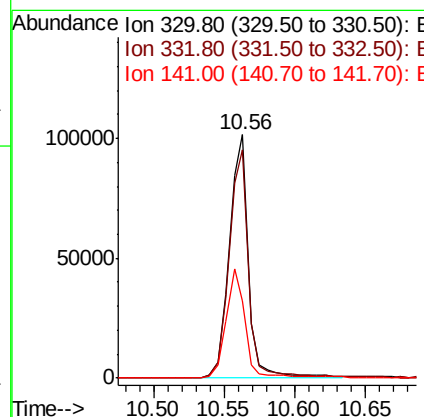
Manual Integrations
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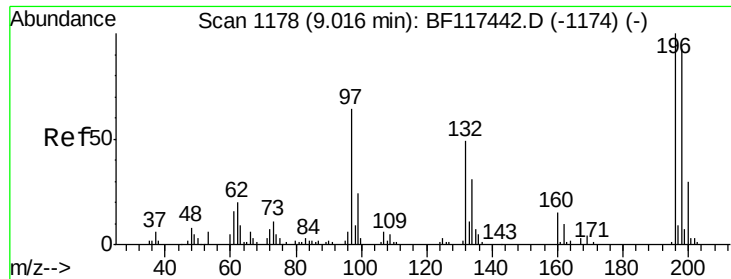
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#42
2,4,6-Tribromophenol
Concen: 122.438 ng
RT: 10.56 min Scan# 1441
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	95840		
332	96.8	78.5	117.7	
141	44.6	37.0	55.6	





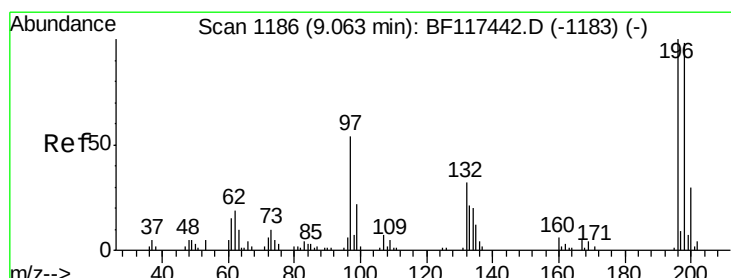
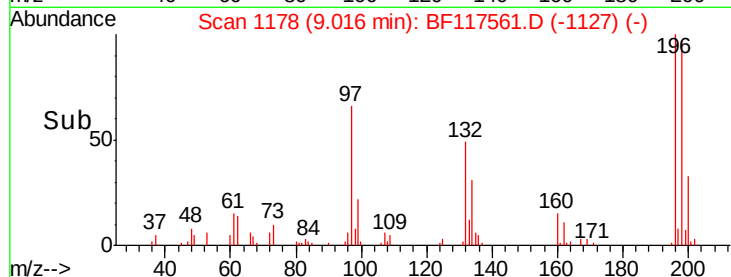
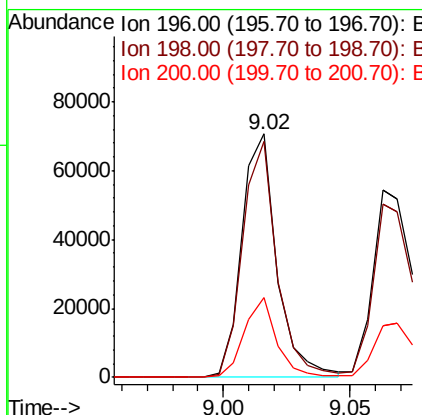
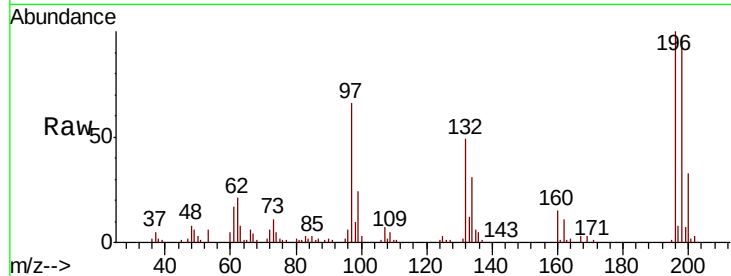
#43
 2,4,6-Trichlorophenol
 Concen: 44.681 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. 0.00 min
 Lab File: BF117561.D
 Acq: 28 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleID :
 R-1MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	68177		
198	96.7	74.1	111.1	
200	32.5	23.9	35.9	

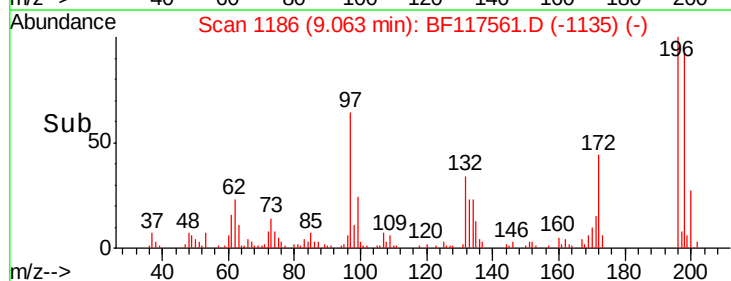
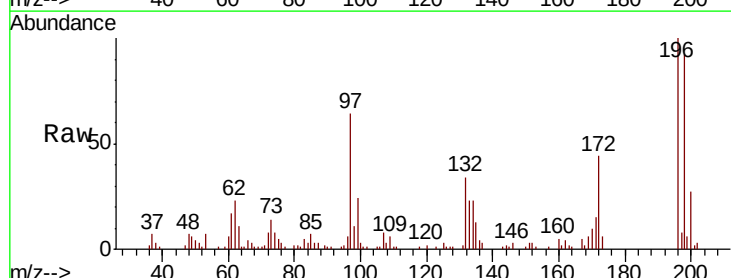
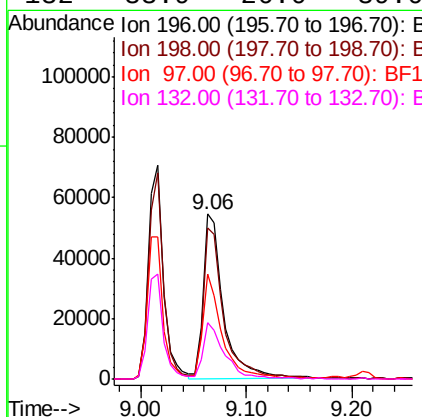
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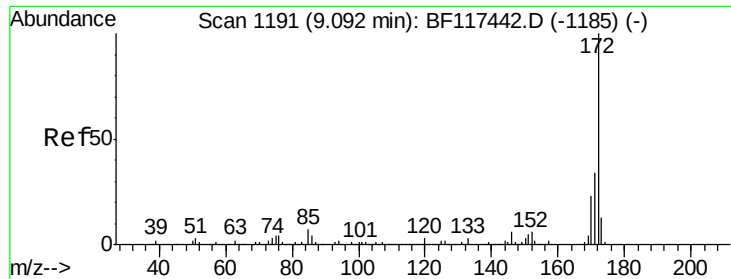
mohammad
 10/30/2019 4:51:08 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.667 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. 0.00 min
 Lab File: BF117561.D
 Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	72156		
198	92.0	78.6	117.8	
97	64.1	43.4	65.2	
132	33.9	26.0	39.0	





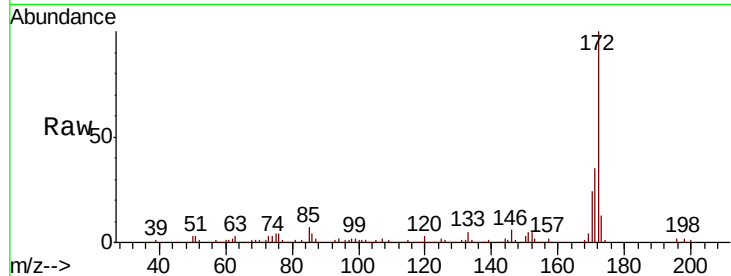
#45
2-Fluorobiphenyl
Concen: 87.372 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	560984		
171	34.8		27.5	41.3
170	23.7		18.6	27.8

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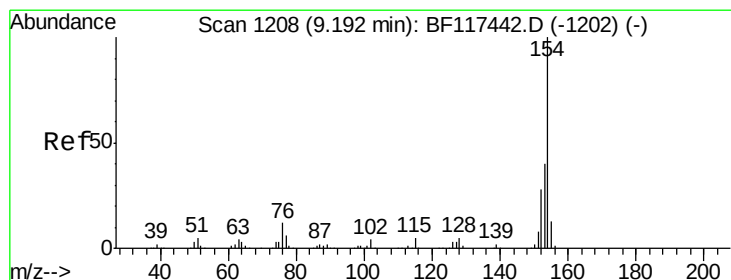
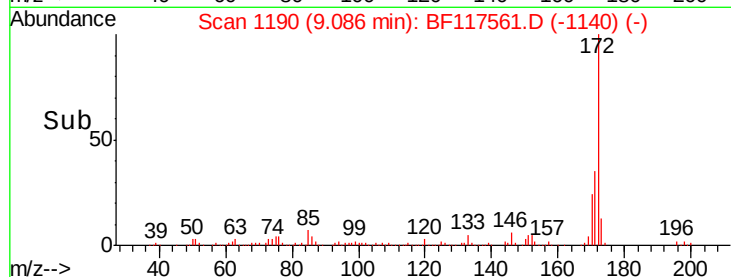
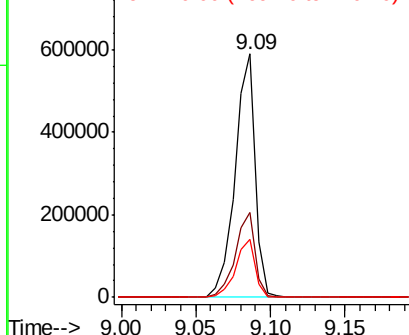


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.063 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

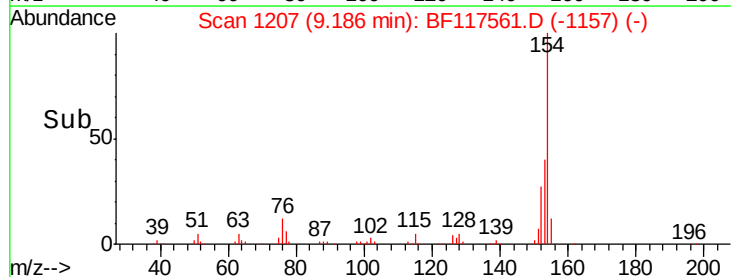
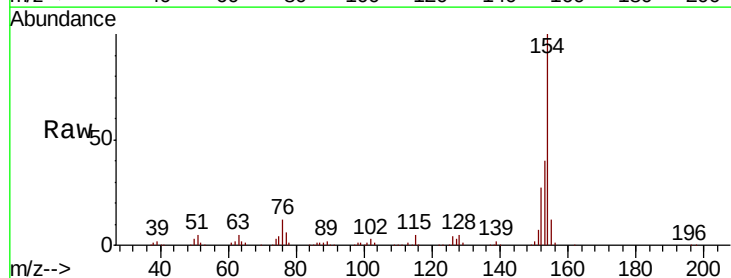
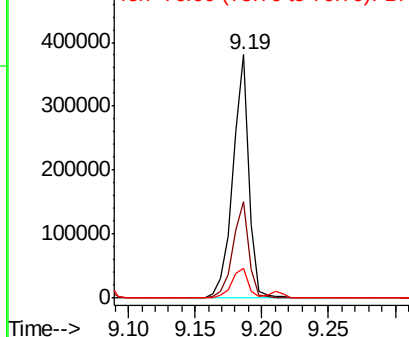
Tgt Ion	Ratio	Resp	Lower	Upper
154	100	322517		
153	39.8		20.2	60.2
76	12.1		0.0	32.1

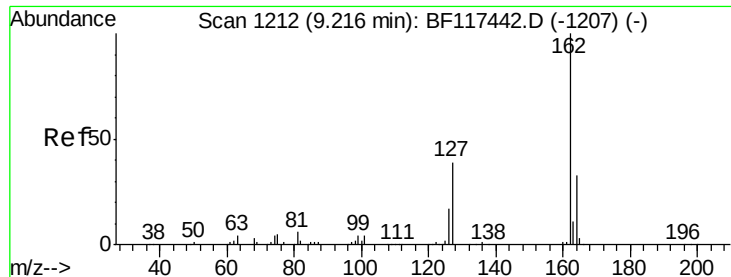
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





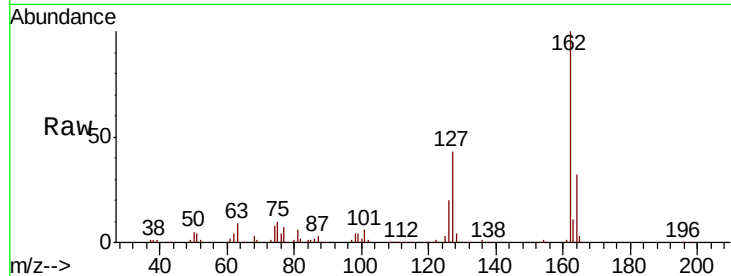
#47
2-Chloronaphthalene
Concen: 43.855 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	43.0	34.2	51.4
164	32.3	26.4	39.6

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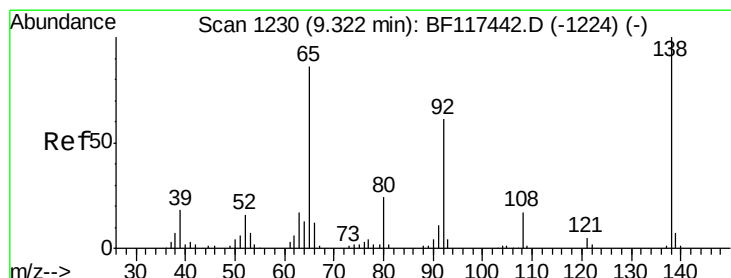
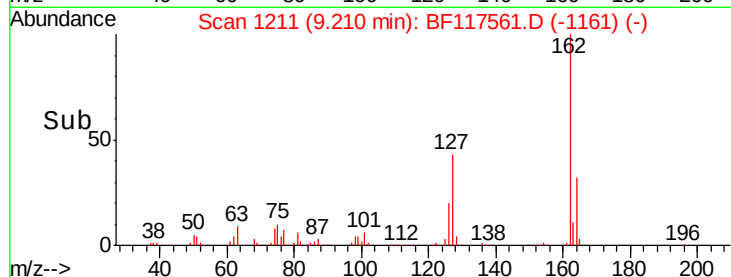
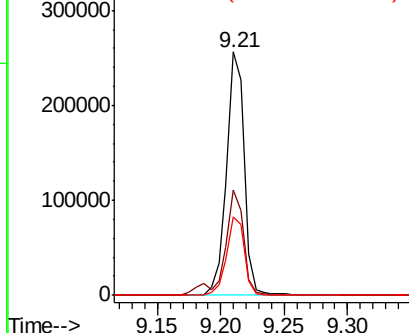


Abundance

Ion 162.00 (161.70 to 162.70): E

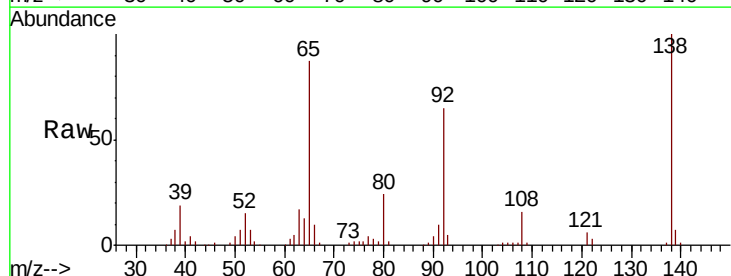
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 43.801 ng
RT: 9.32 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	57.3	85.9
138	115.2	93.3	139.9

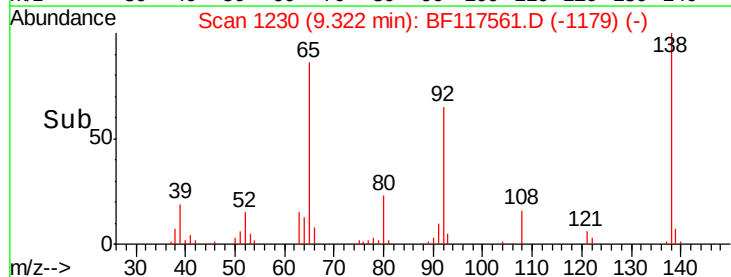
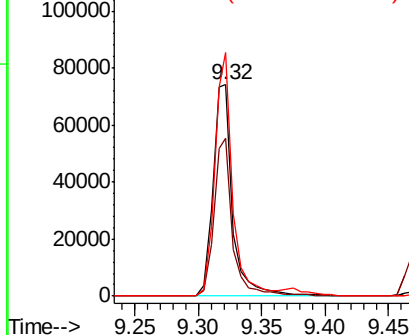


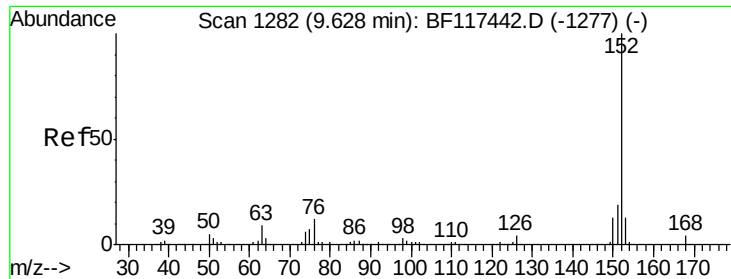
Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 47.090 ng

RT: 9.63 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Instrument :

BNA_F

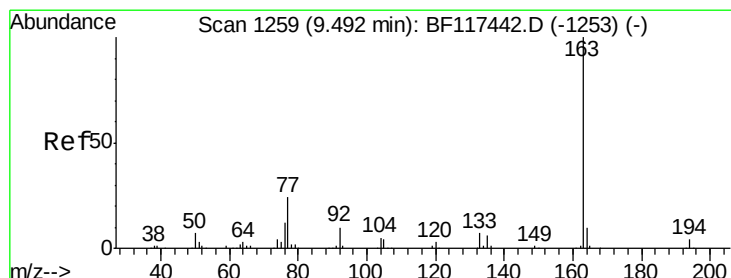
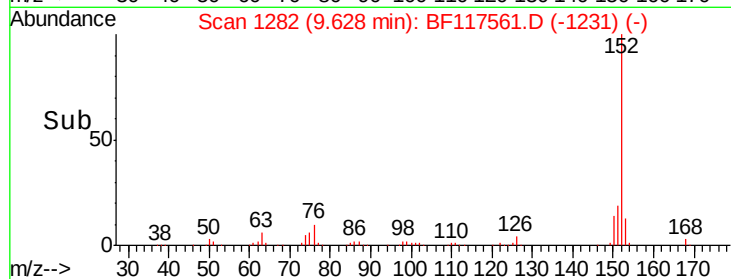
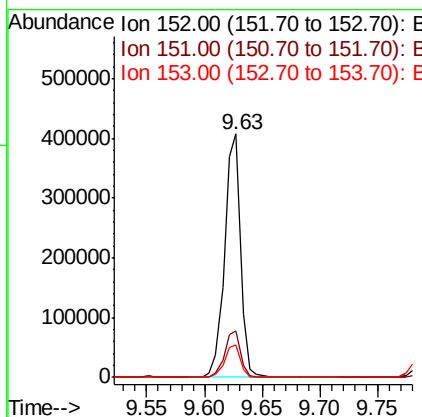
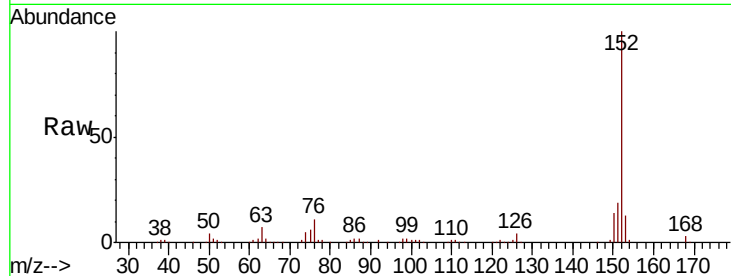
ClientSampled :

R-IMS

Tot Ion:	152	Resp:	390582
Ion Ratio		Lower	Upper
152	100		
151	19.0	15.4	23.0
153	13.1	10.3	15.5

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#50

Dimethylphthalate

Concen: 53.791 ng

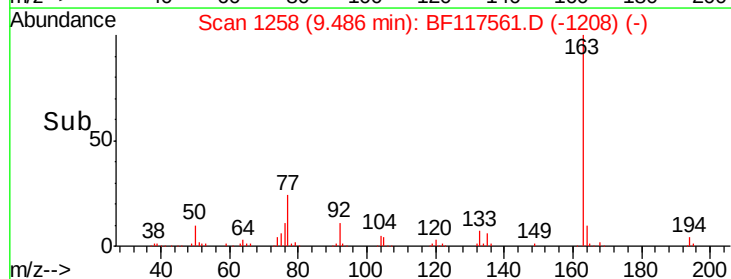
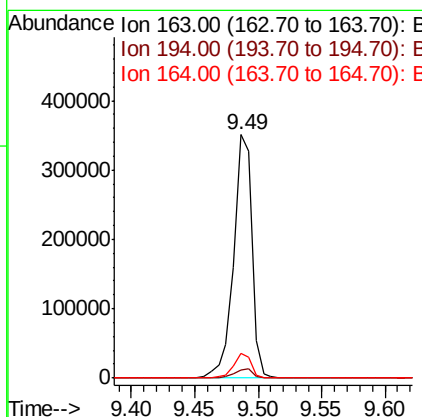
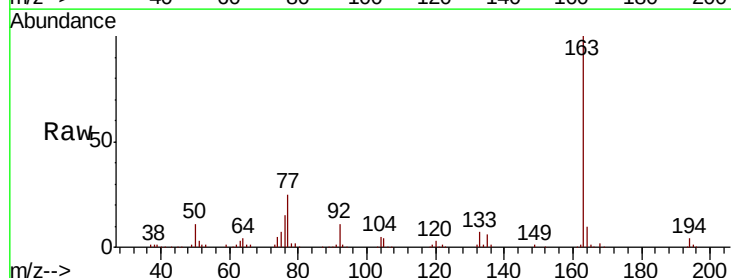
RT: 9.49 min Scan# 1258

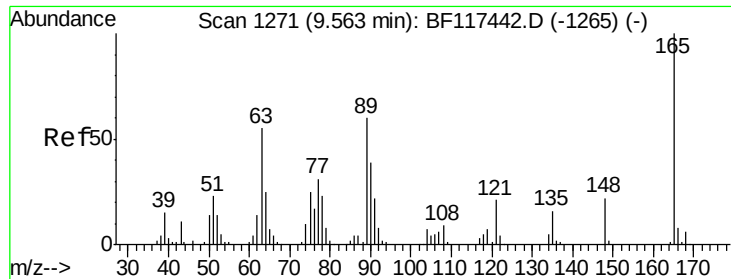
Delta R.T. -0.01 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Tgt Ion:	163	Resp:	346910
Ion Ratio		Lower	Upper
163	100		
194	3.6	2.9	4.3
164	10.4	8.2	12.2





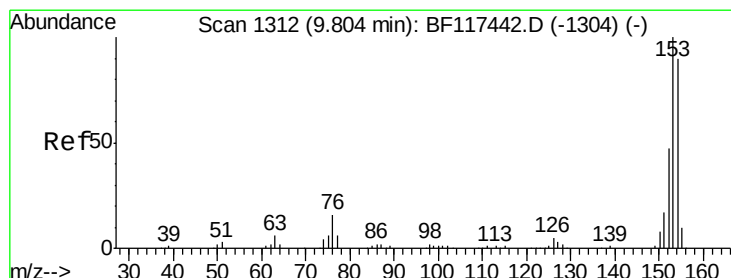
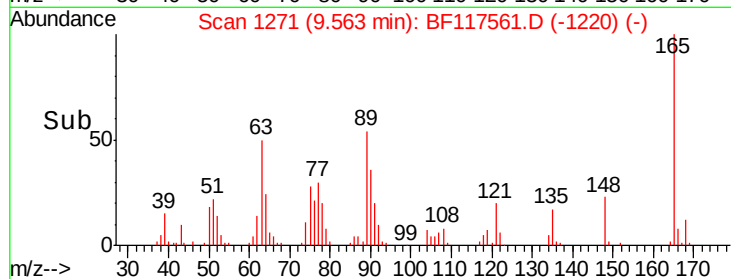
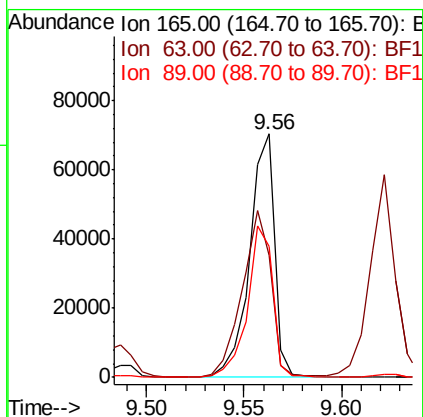
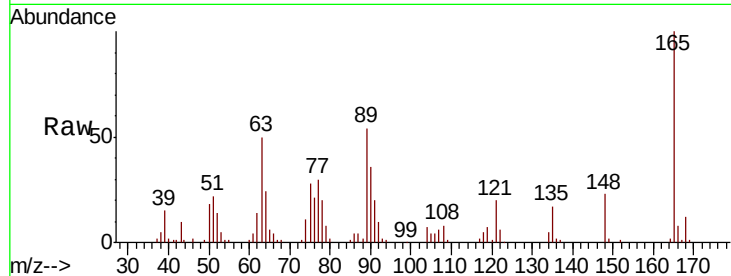
#51
2,6-Dinitrotoluene
Concen: 46.346 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-1MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.3	43.8	65.8
89	53.7	47.6	71.4

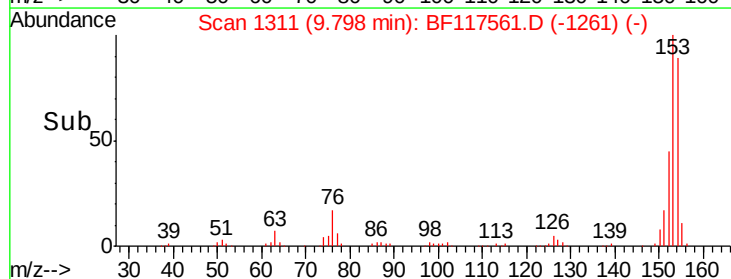
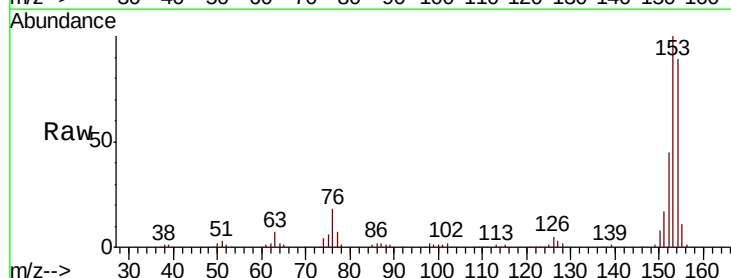
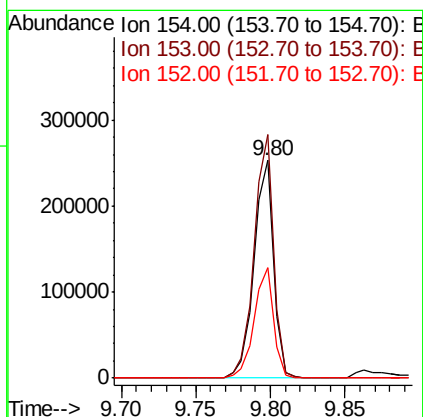
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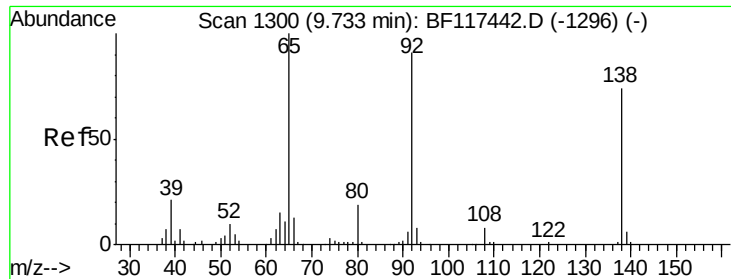
mohammad
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#52
Acenaphthene
Concen: 44.860 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.8	89.2	133.8
152	50.7	41.8	62.6





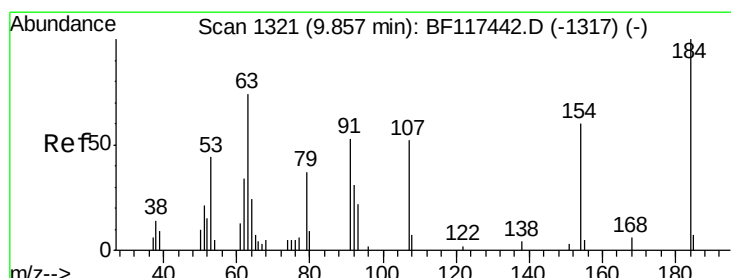
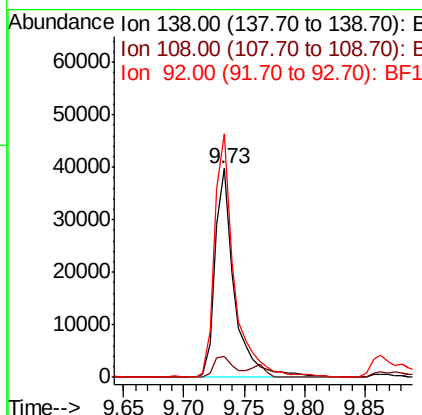
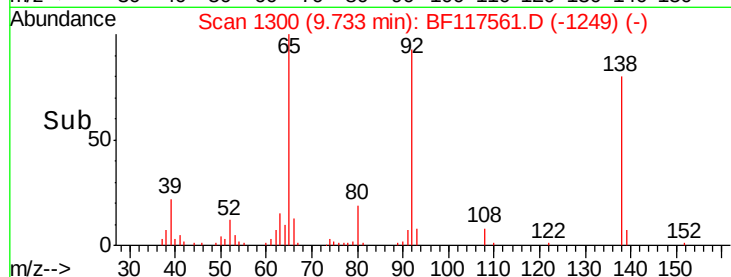
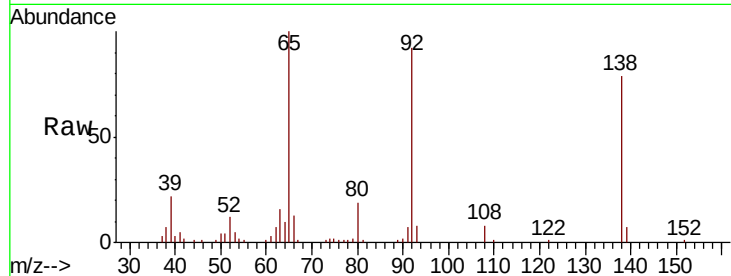
#53
3-Nitroaniline
Concen: 26.648 ng
RT: 9.73 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.7	13.1
92	116.5	98.4	147.6

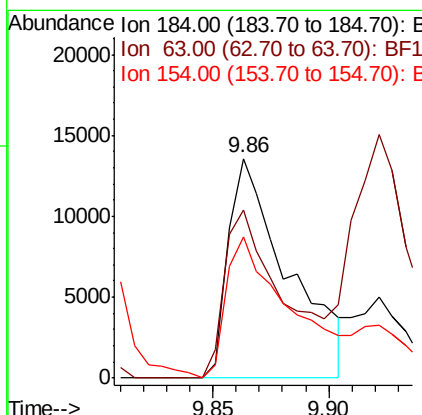
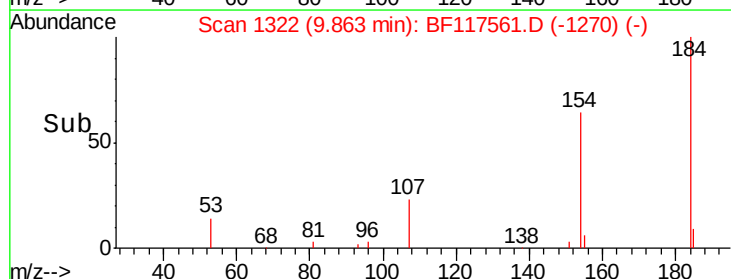
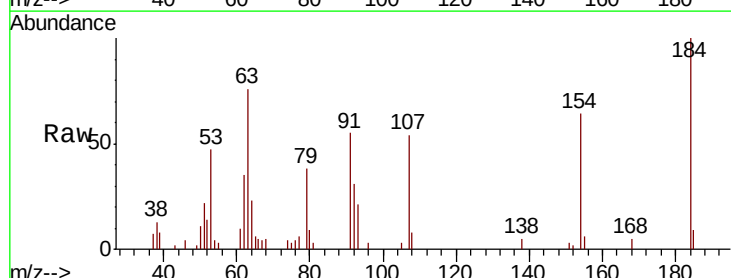
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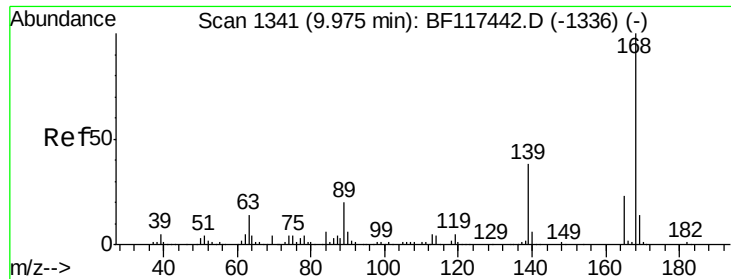
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#54
2,4-Dinitrophenol
Concen: 45.952 ng
RT: 9.86 min Scan# 1322
Delta R.T. 0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
184	100		
63	76.4	59.2	88.8
154	64.3	53.4	80.0





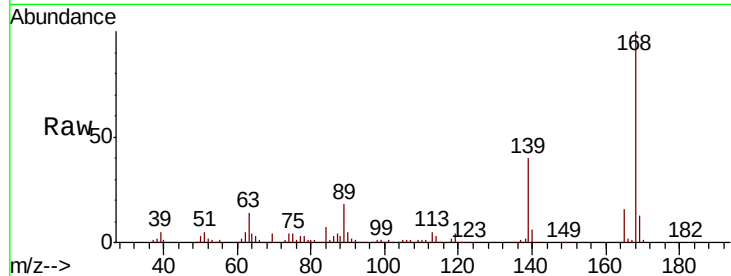
#55
Dibenzofuran
Concen: 46.074 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.2	31.8	47.6
169	13.4	11.2	16.8

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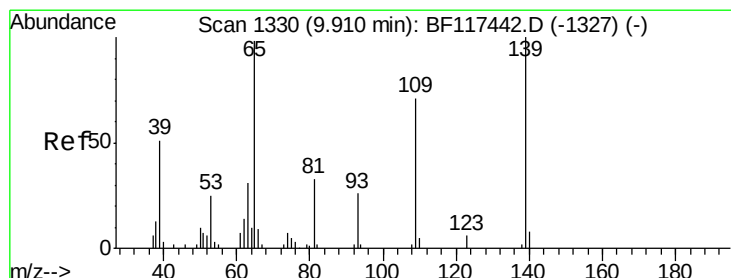
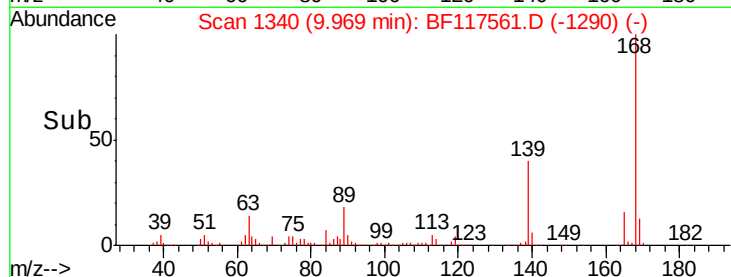
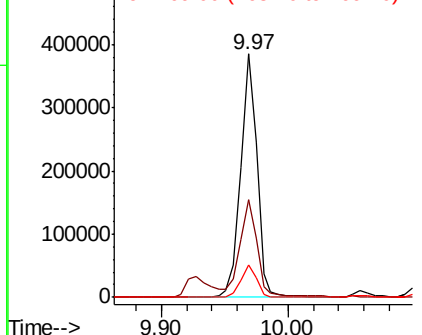


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 58.151 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.02 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

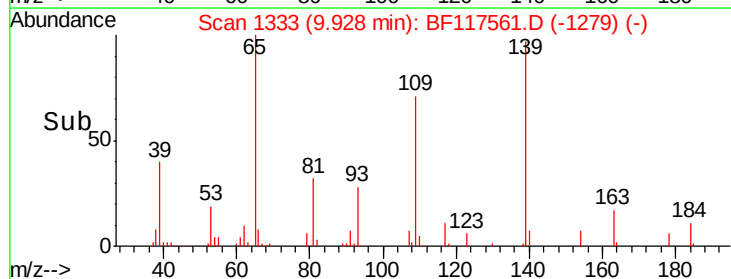
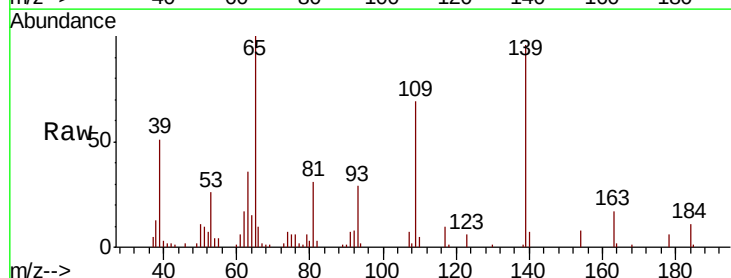
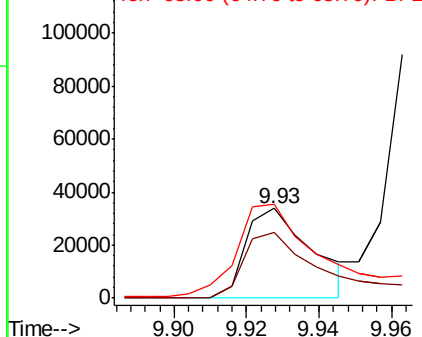
Tgt Ion	Ratio	Lower	Upper
139	100		
109	72.6	51.4	91.4
65	104.6	79.4	119.4

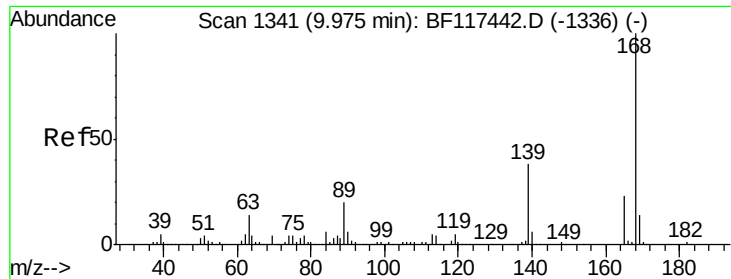
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





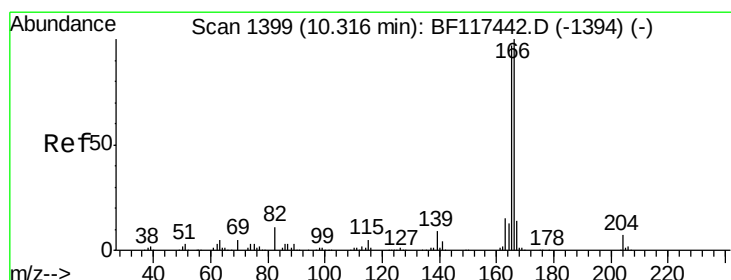
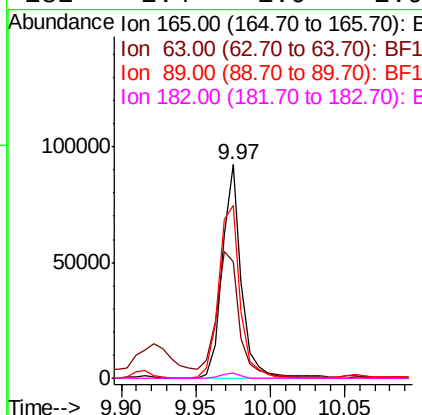
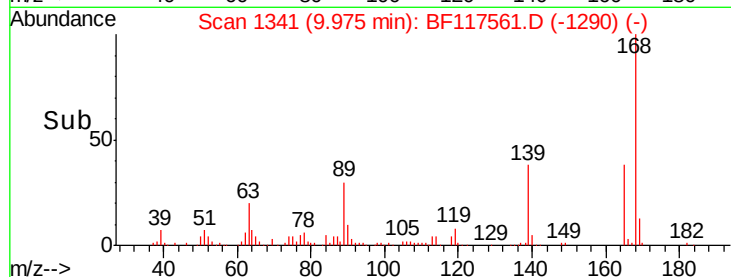
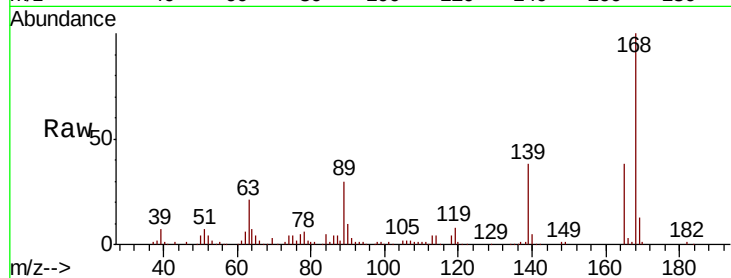
#57
2,4-Dinitrotoluene
Concen: 46.169 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.5	51.4	77.0	
89	80.7	69.9	104.9	
182	2.4	1.9	2.9	

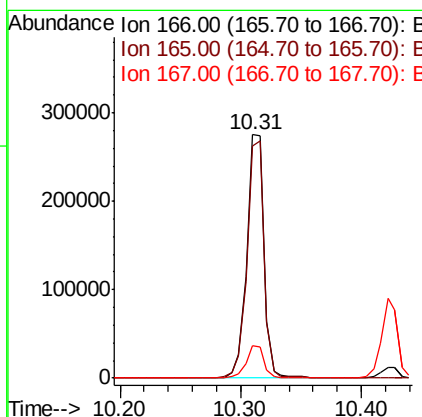
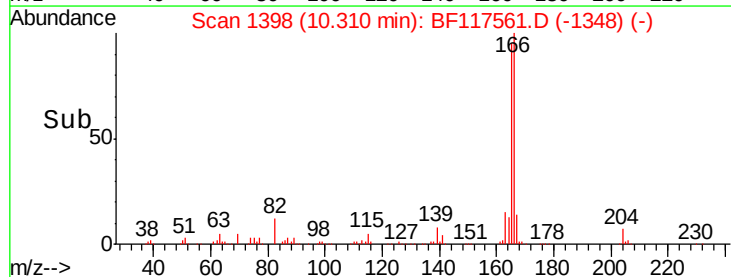
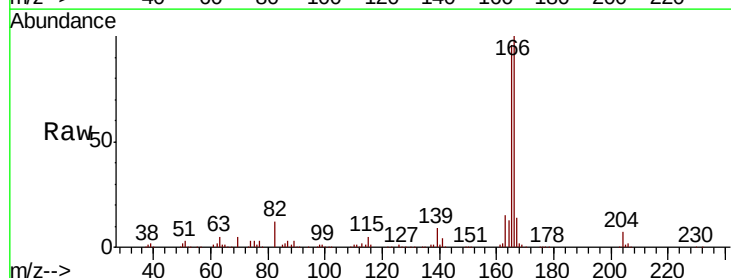
Manual Integrations
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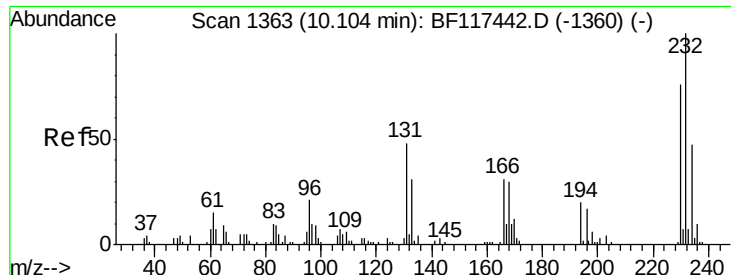
mohammad
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#58
Fluorene
Concen: 45.165 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	95.6	77.6	116.4	
167	13.5	11.0	16.4	





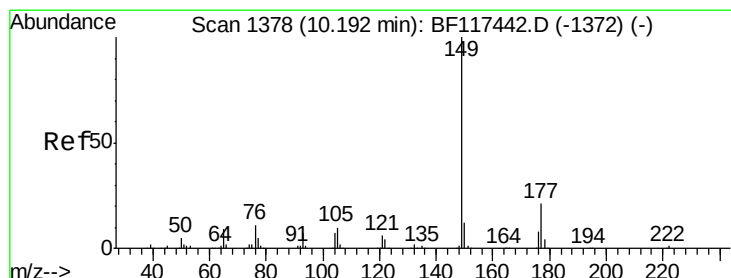
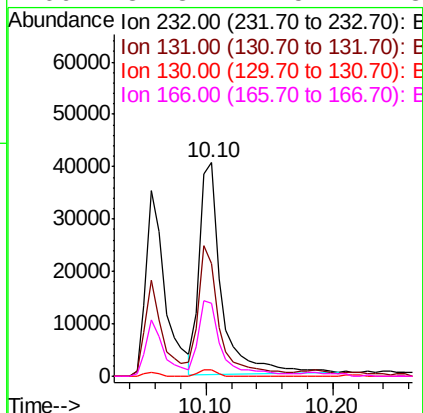
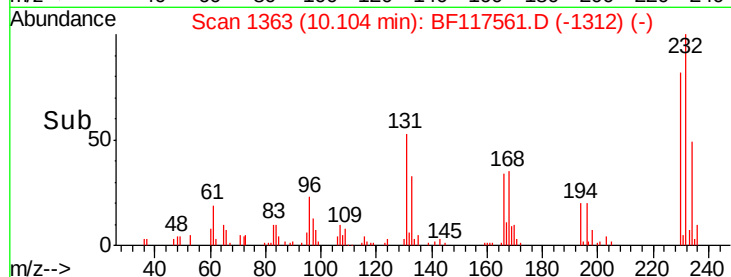
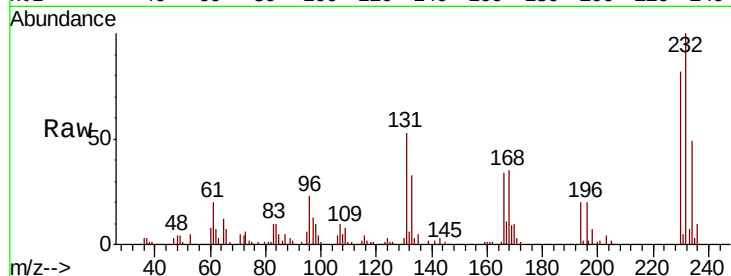
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.835 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-1MS

Tot Ion:	232	Resp:	49624
Ion Ratio	Lower	Upper	
232	100		
131	60.4	42.6	63.8
130	2.4	2.2	3.4
166	34.3	27.5	41.3

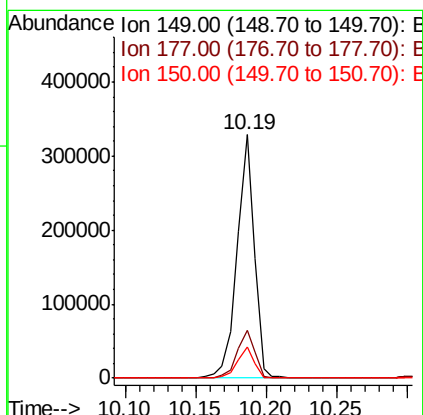
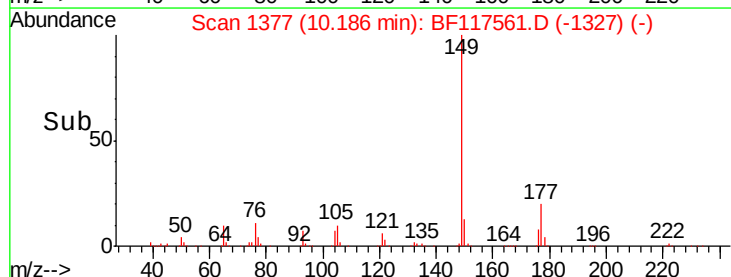
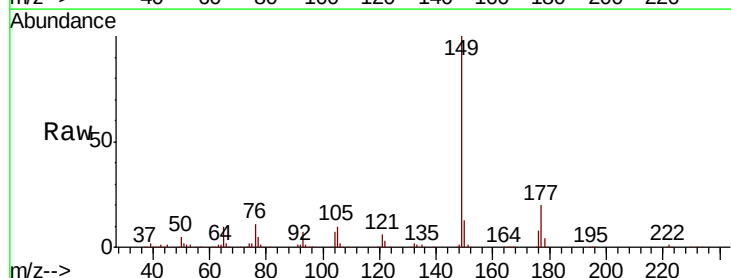
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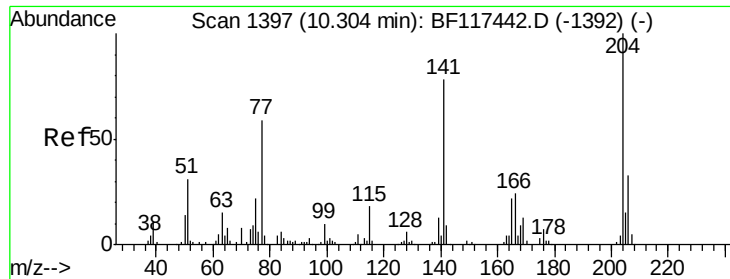
mohammad
10/30/2019 4:51:08 PM



#60
Diethylphthalate
Concen: 43.045 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion:	149	Resp:	280793
Ion Ratio	Lower	Upper	
149	100		
177	19.8	17.0	25.4
150	12.8	9.8	14.6





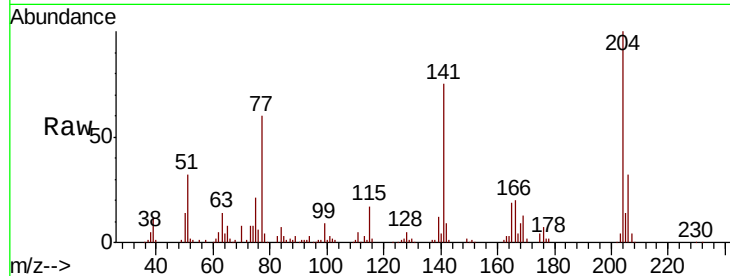
#61
4-Chlorophenyl-phenylether
Concen: 43.290 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.3	39.5
141	74.9	62.2	93.4

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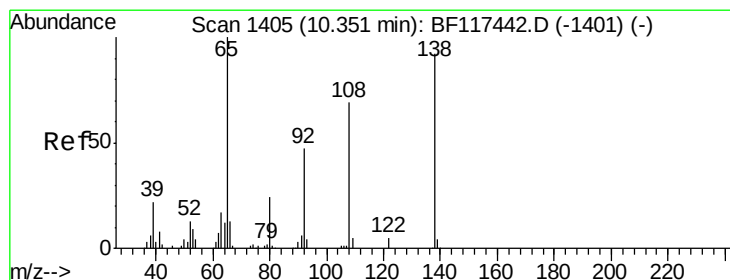
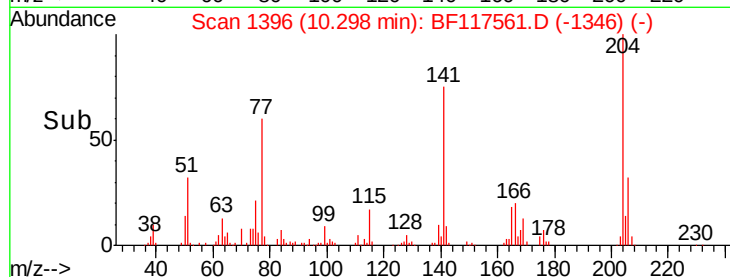
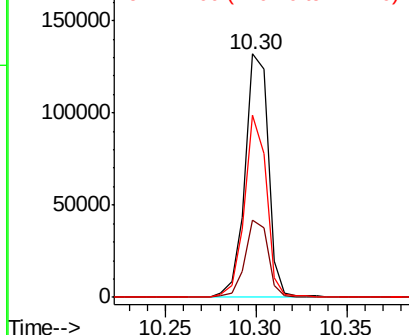


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 40.947 ng
RT: 10.35 min Scan# 1405
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

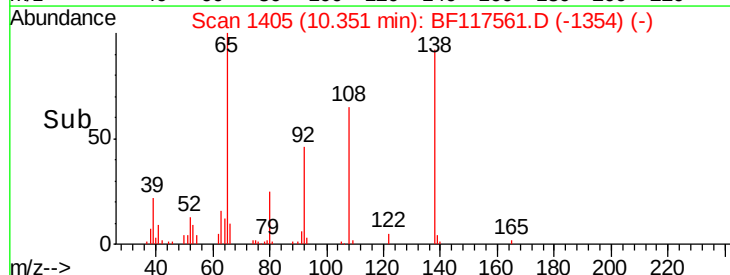
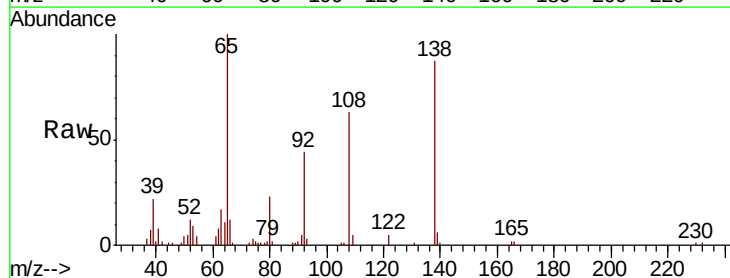
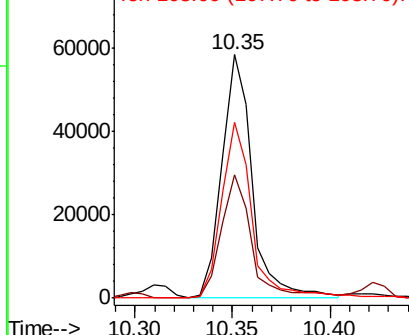
Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.5	30.3	70.3
108	72.2	54.9	94.9

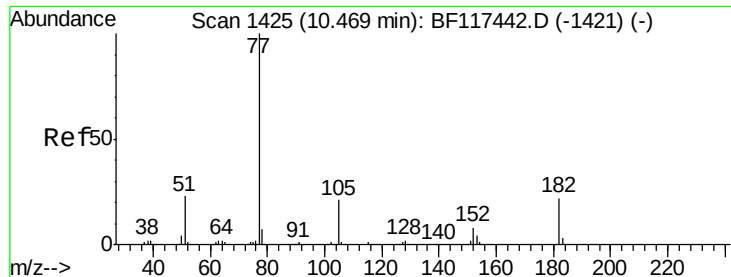
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 44.884 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Instrument :

BNA_F

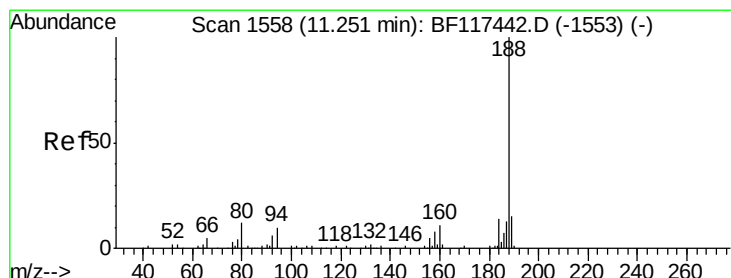
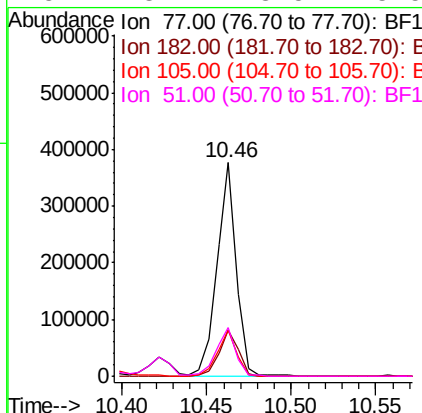
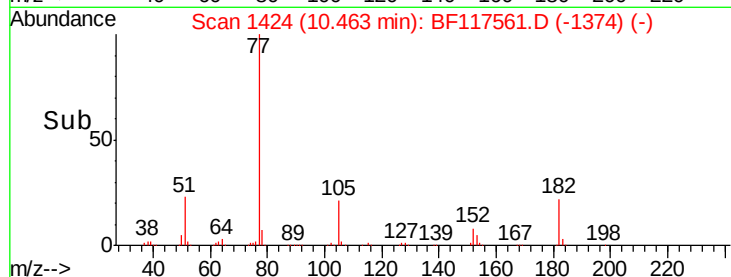
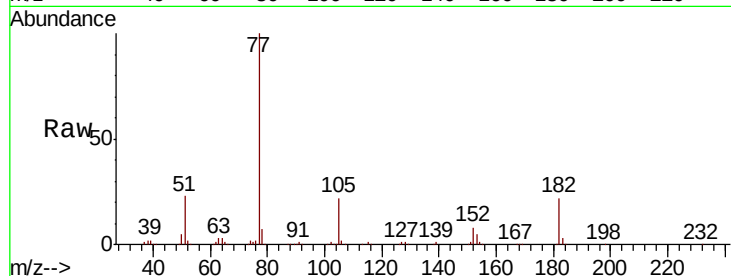
ClientSampleId :

R-1MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	21.6	2.3	42.3
105	21.8	1.3	41.3
51	23.1	3.5	43.5

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

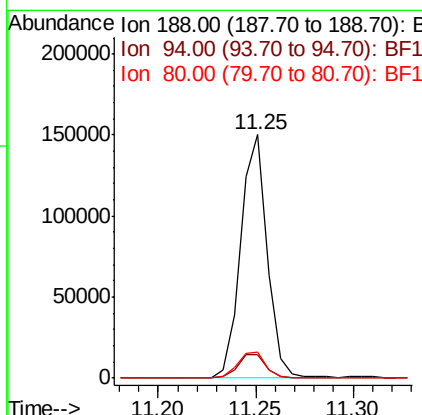
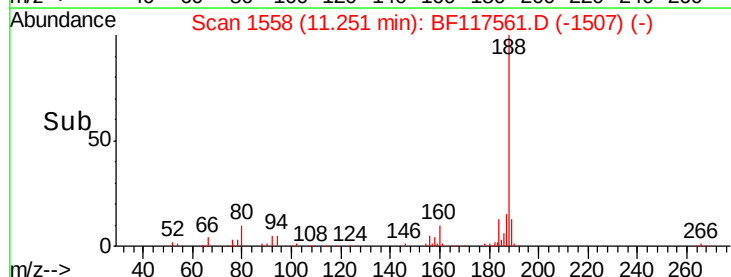
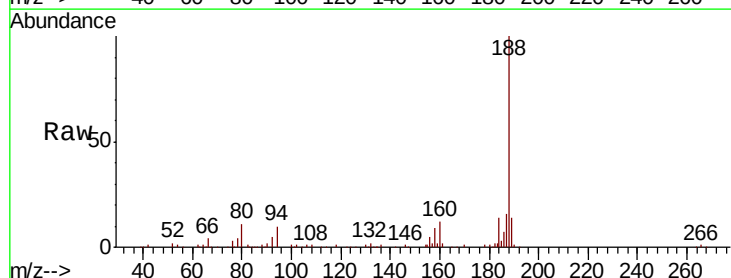
RT: 11.25 min Scan# 1558

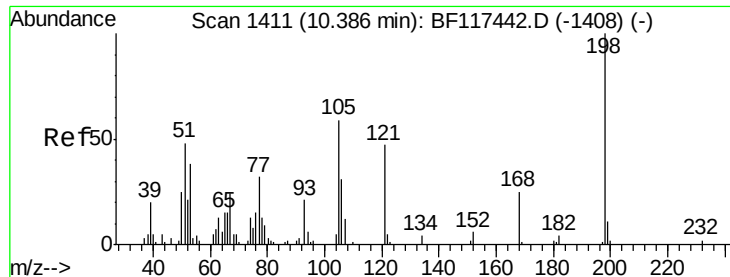
Delta R.T. 0.00 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.7	8.0	12.0
80	10.7	9.5	14.3





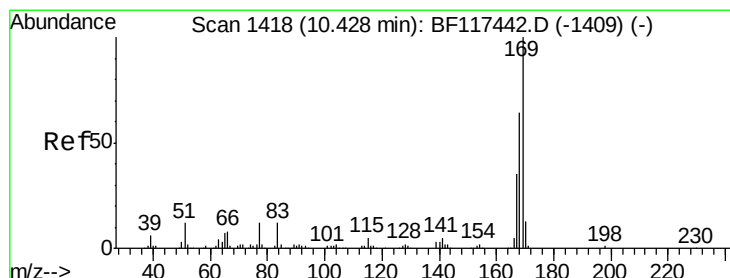
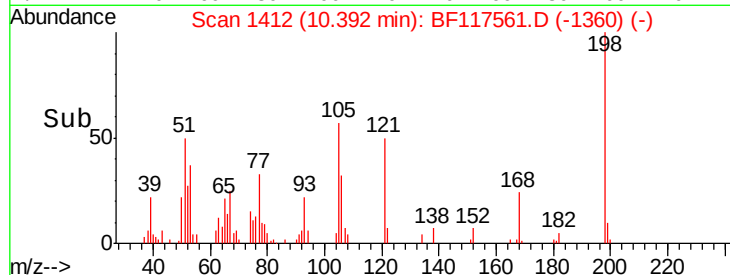
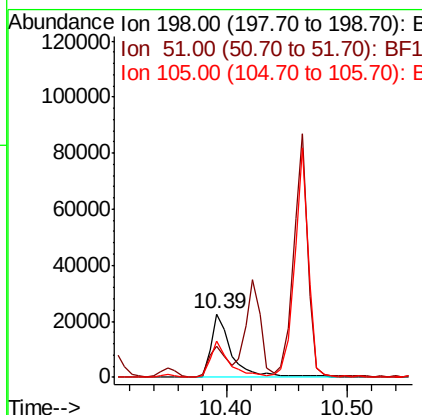
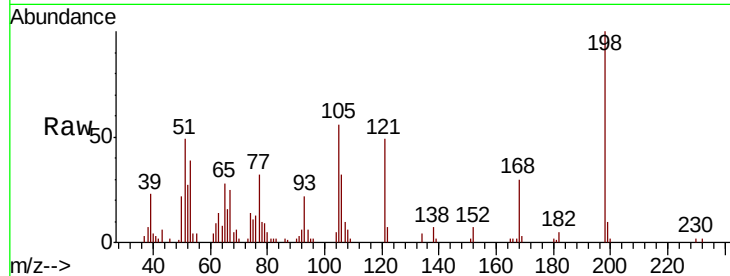
#65
4,6-Dinitro-2-methylphenol
Concen: 36.581 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-1MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	26299		
51	49.2		29.1	69.1
105	56.1		39.4	79.4

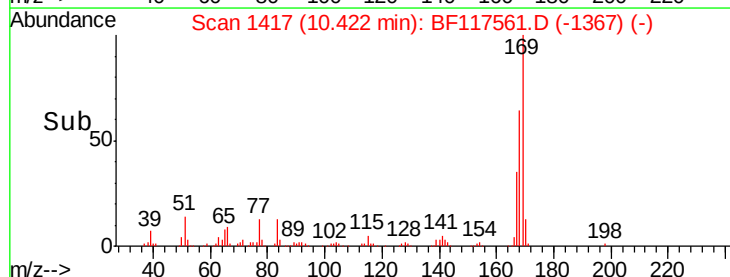
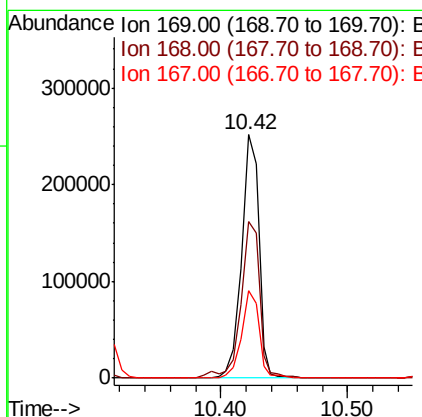
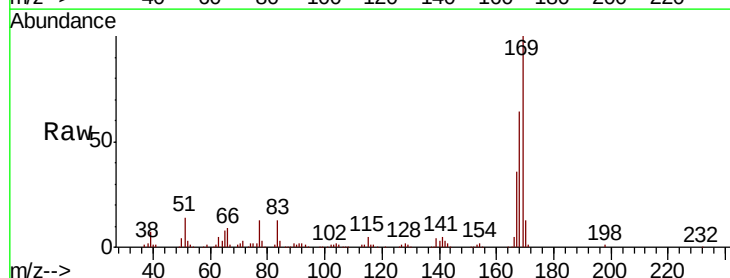
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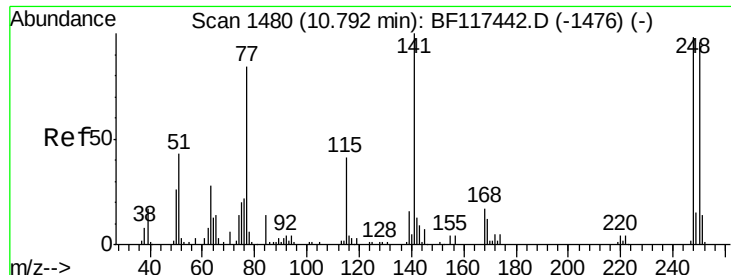
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#66
n-Nitrosodiphenylamine
Concen: 45.812 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	236820		
168	64.3		51.3	76.9
167	35.7		28.2	42.4





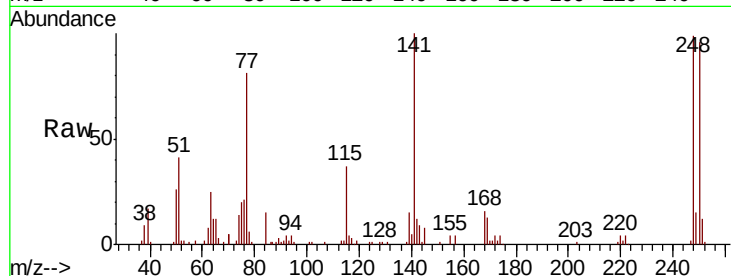
#67
4-Bromophenyl-phenylether
Concen: 43.202 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.0	117.0
141	101.5	81.7	122.5

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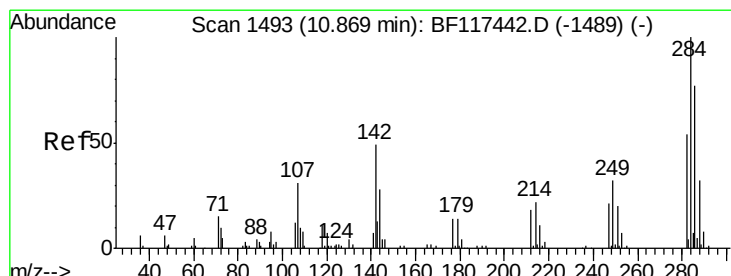
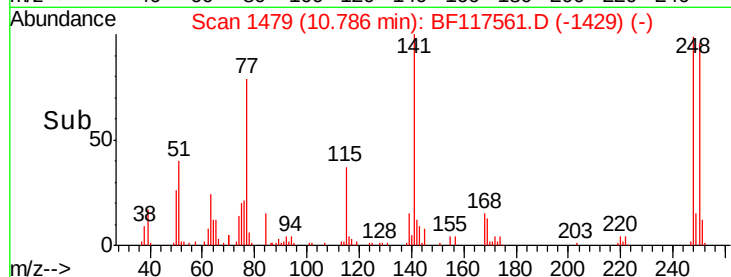
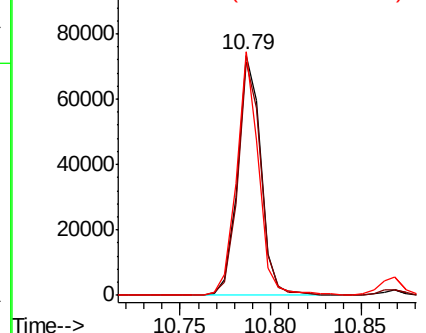


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 43.755 ng
RT: 10.87 min Scan# 1493
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

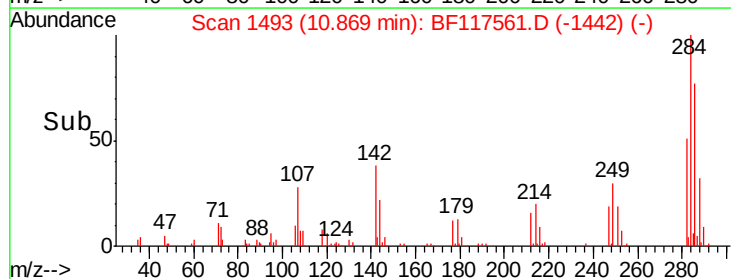
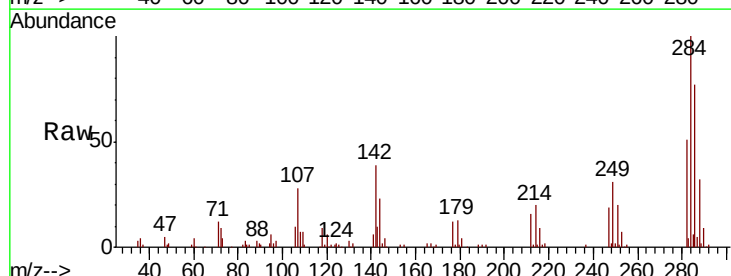
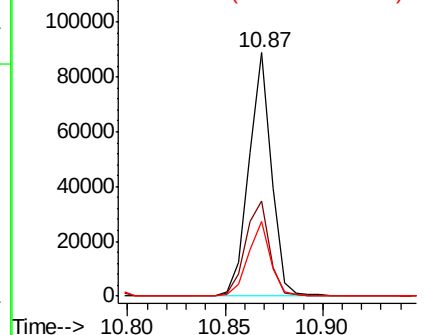
Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.8	39.0	58.6#
249	30.8	25.7	38.5

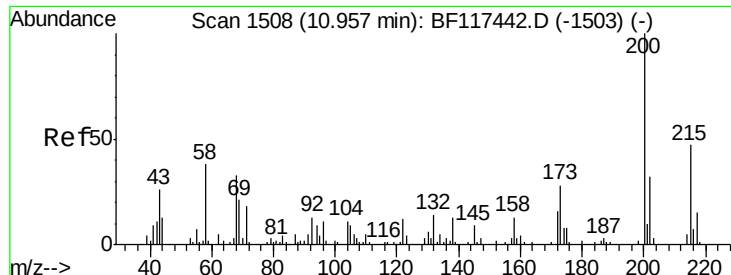
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





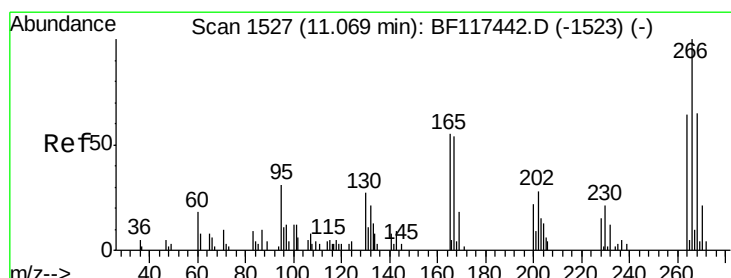
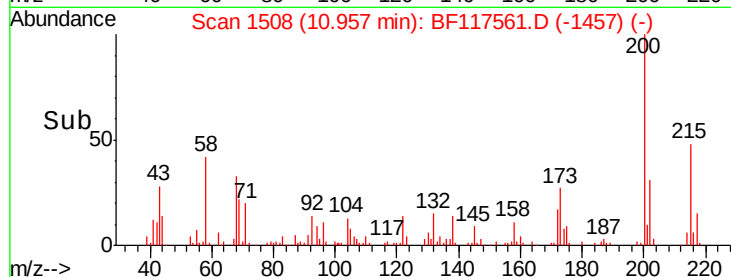
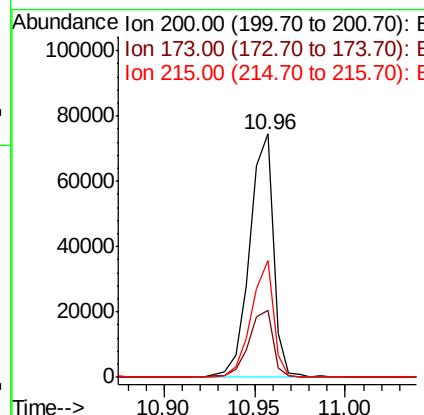
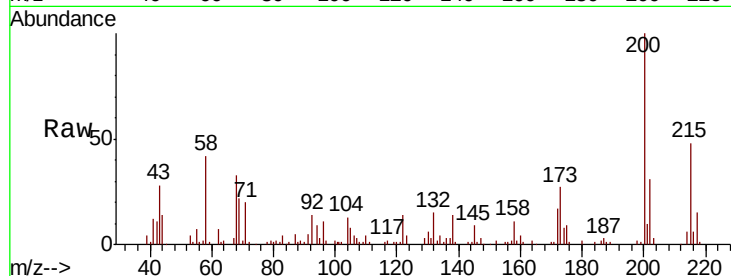
#69
Atrazine
Concen: 51.627 ng
RT: 10.96 min Scan# 1508
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-IMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	8.2	48.2
215	47.9	26.8	66.8

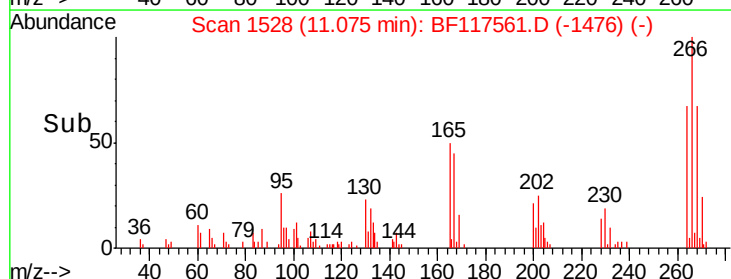
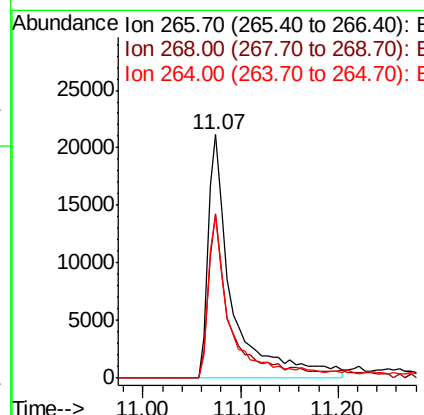
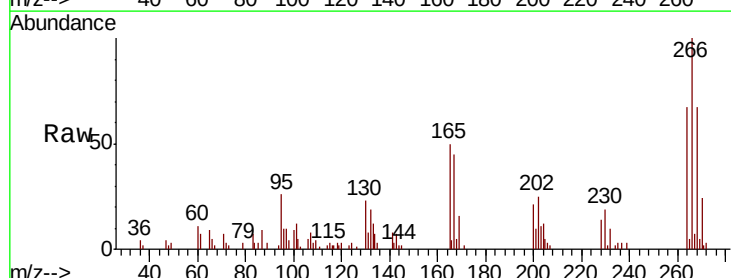
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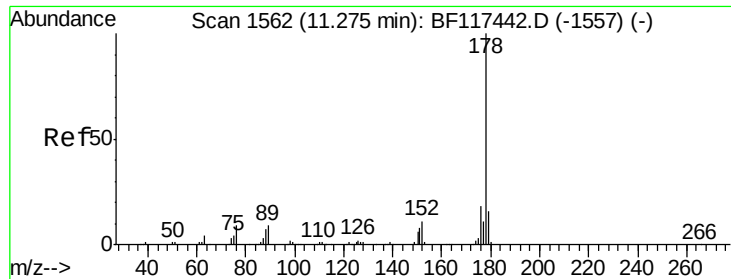
mohammad
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#70
Pentachlorophenol
Concen: 73.823 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.3	51.6	77.4
264	66.9	51.4	77.2





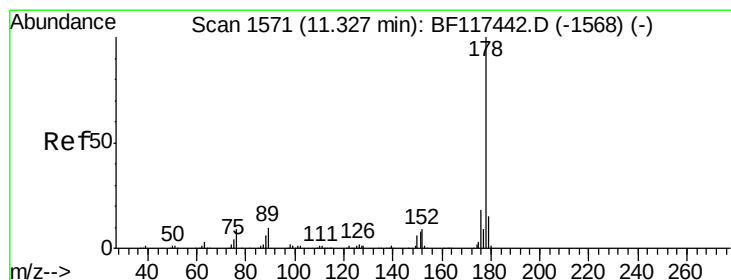
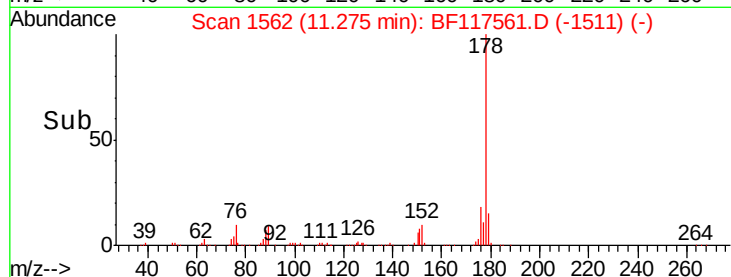
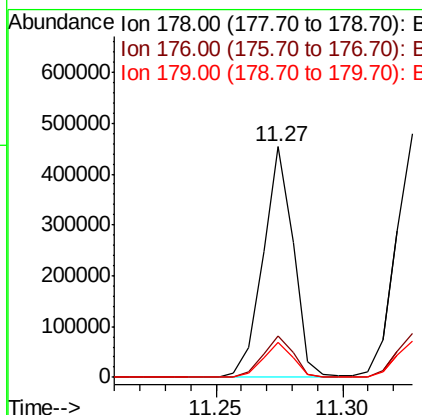
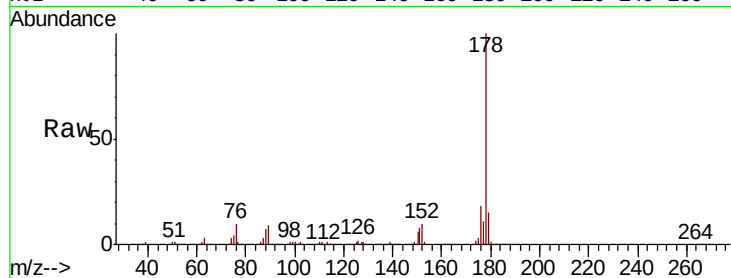
#71
Phenanthrene
Concen: 46.211 ng
RT: 11.27 min Scan# 1562
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	22.0
179	14.9	12.6	19.0

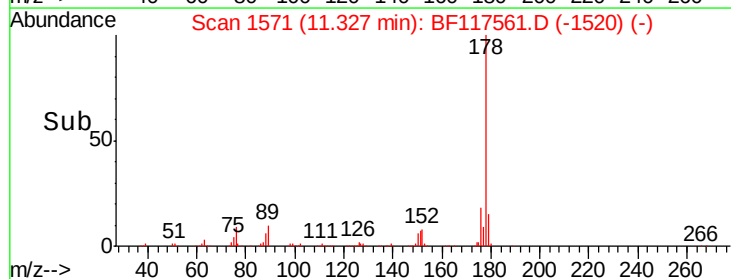
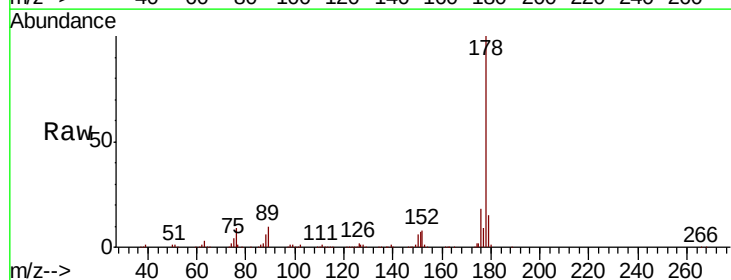
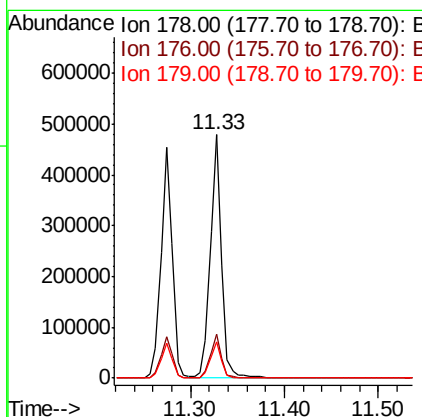
Manual Integrations
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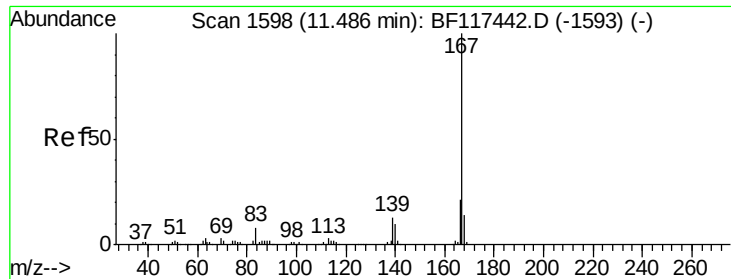
mohammad
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#72
Anthracene
Concen: 48.587 ng
RT: 11.33 min Scan# 1571
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	14.9	12.2	18.2





#73

Carbazole

Concen: 46.491 ng

RT: 11.49 min Scan# 1598

Delta R.T. 0.00 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Instrument :

BNA_F

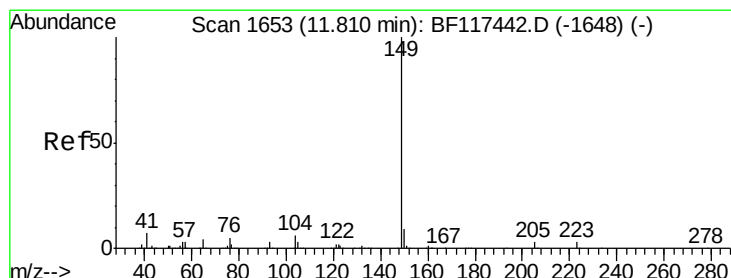
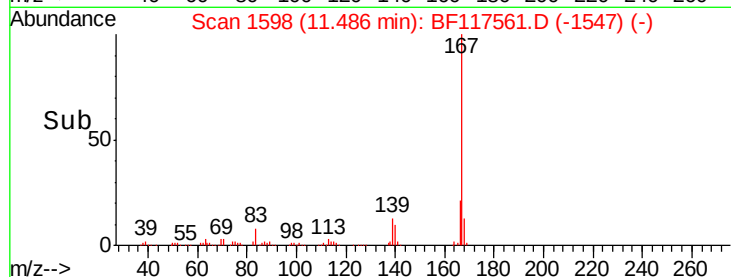
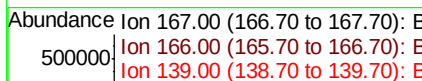
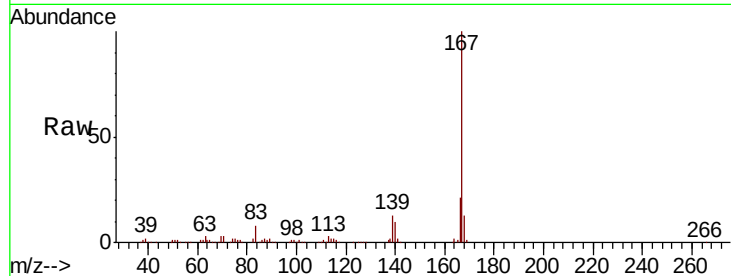
ClientSampled :

R-1MS

Tot Ion:	167	Resp:	357940
Ion Ratio	Lower	Upper	
167	100		
166	20.8	17.0	25.6
139	13.4	10.6	16.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 43.629 ng

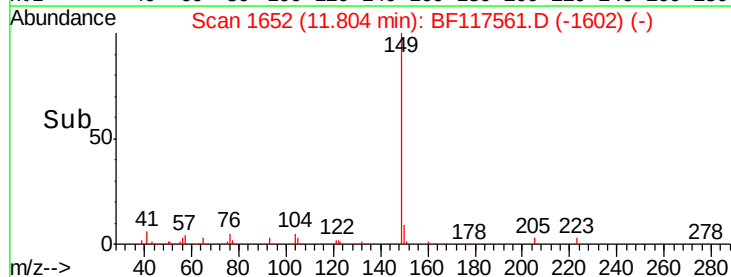
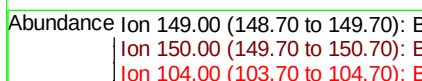
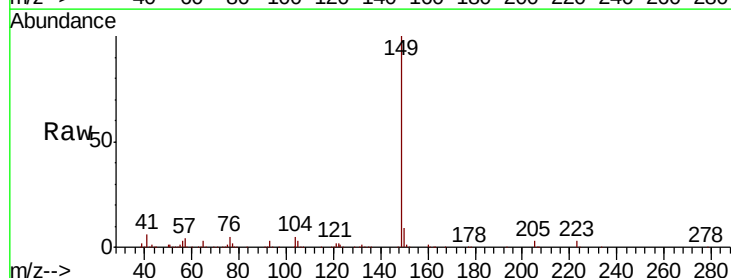
RT: 11.80 min Scan# 1652

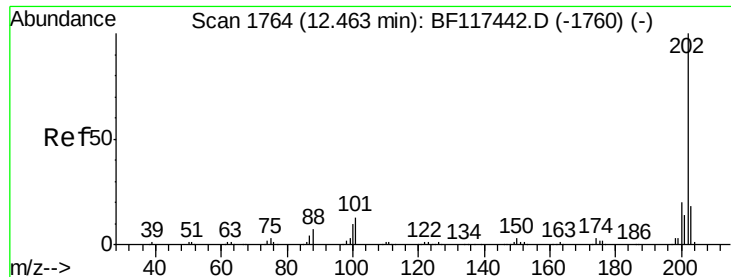
Delta R.T. -0.01 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Tgt Ion:	149	Resp:	448819
Ion Ratio	Lower	Upper	
149	100		
150	9.1	7.5	11.3
104	5.2	4.6	6.8





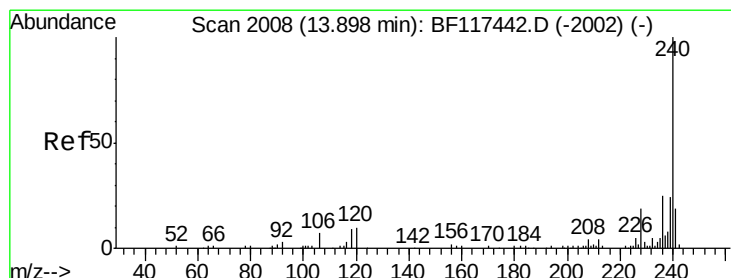
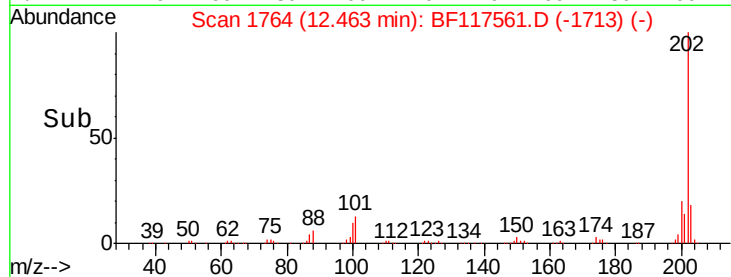
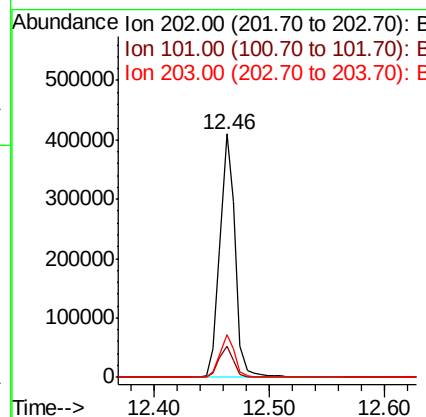
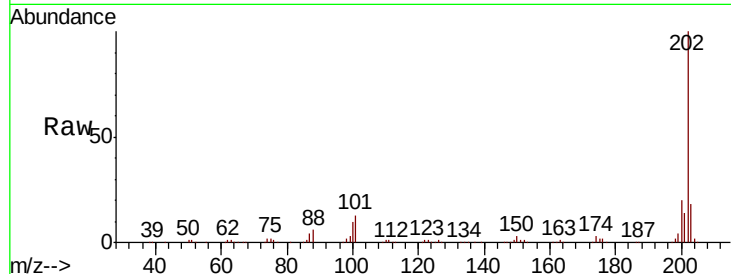
#75
 Fluoranthene
 Concen: 45.594 ng
 RT: 12.46 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BF117561.D
 Acq: 28 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampled :
 R-1MS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	374764		
101	12.9	0.0	32.7	
203	17.6	0.0	37.6	

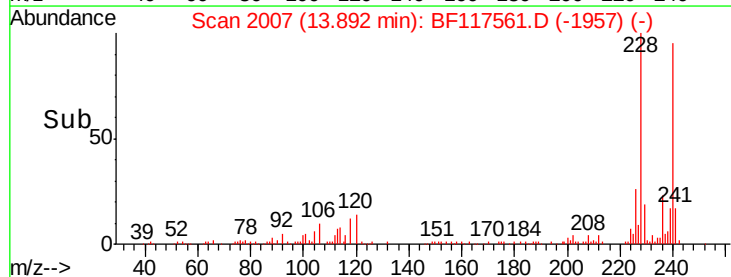
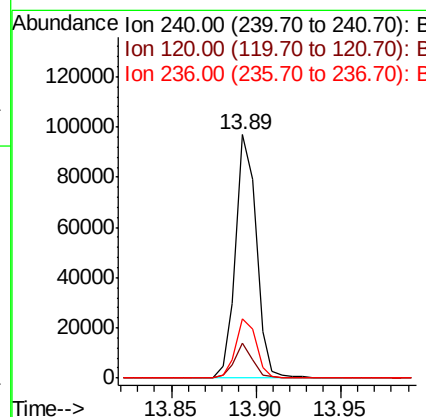
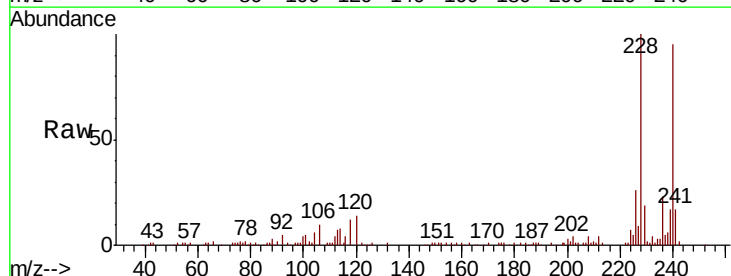
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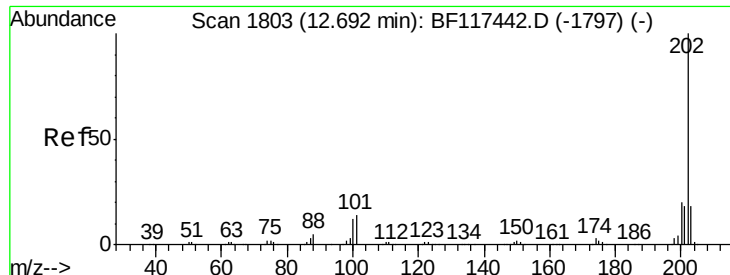
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.89 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF117561.D
 Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	82639		
120	14.3	8.4	12.6#	
236	24.2	20.0	30.0	





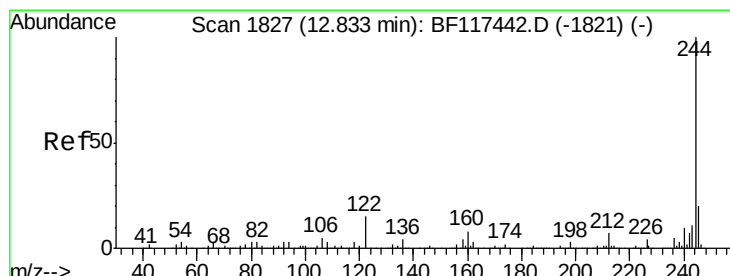
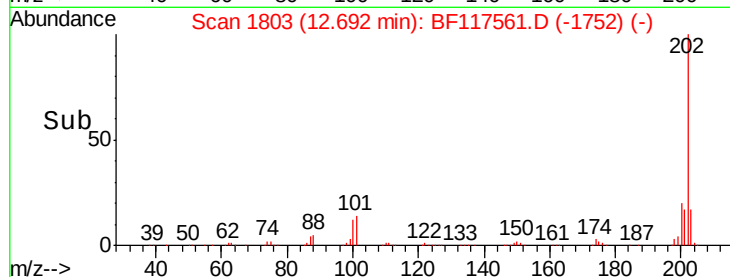
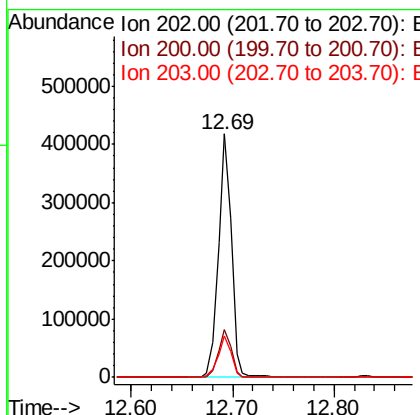
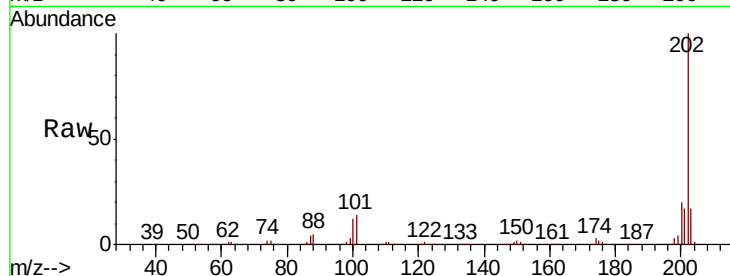
#78
Pvrene
Concen: 52.764 ng
RT: 12.69 min Scan# 1803
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	19.7	16.2	24.2
203	17.1	14.0	21.0

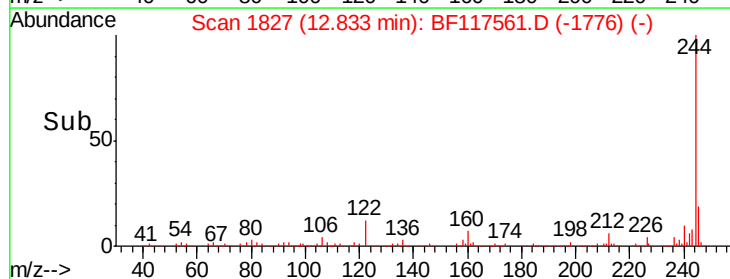
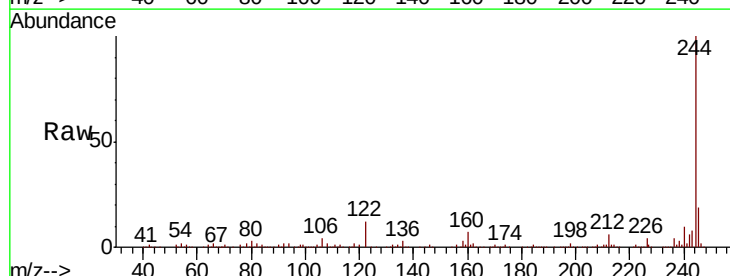
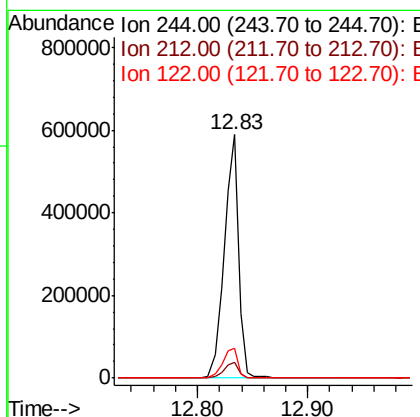
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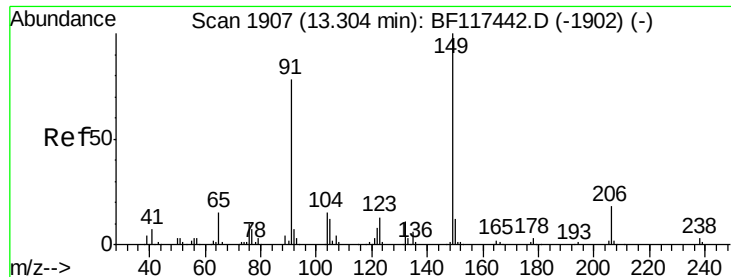
mohammad
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#79
Terphenyl-d14
Concen: 105.126 ng
RT: 12.83 min Scan# 1827
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.8	8.6
122	12.3	11.8	17.8





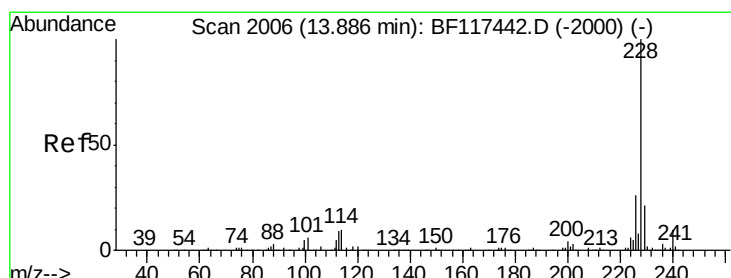
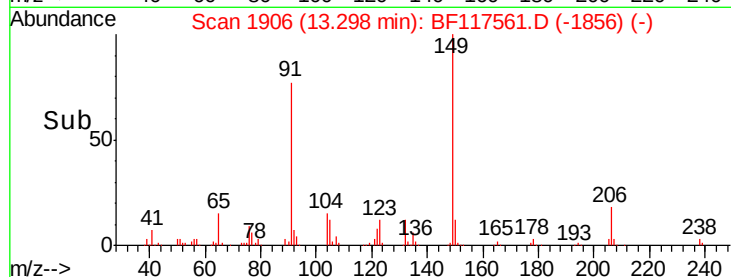
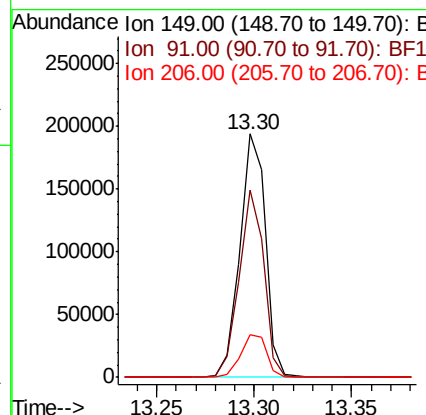
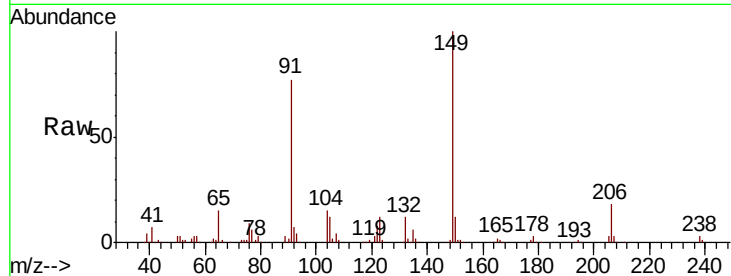
#80
Butylbenzylphthalate
Concen: 49.888 ng
RT: 13.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampled :
R-IMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	176218		
91	77.0	62.1	93.1	
206	17.6	14.3	21.5	

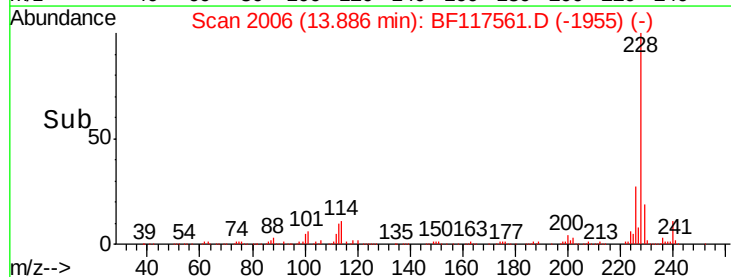
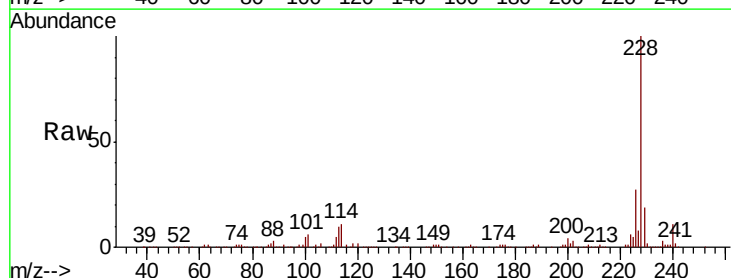
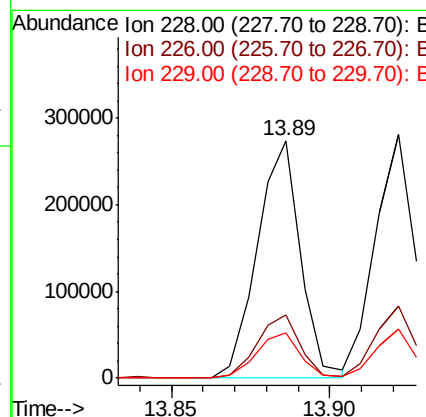
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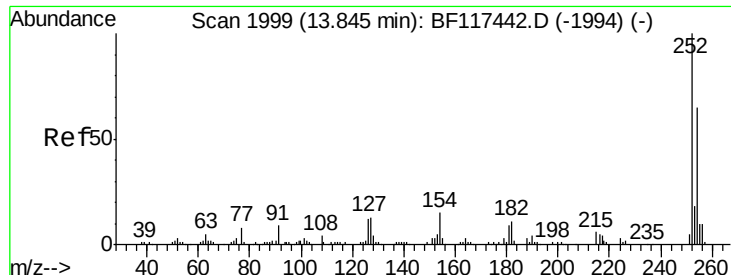
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#81
Benzo(a)anthracene
Concen: 46.352 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	258381		
226	26.7	21.0	31.4	
229	19.0	16.4	24.6	





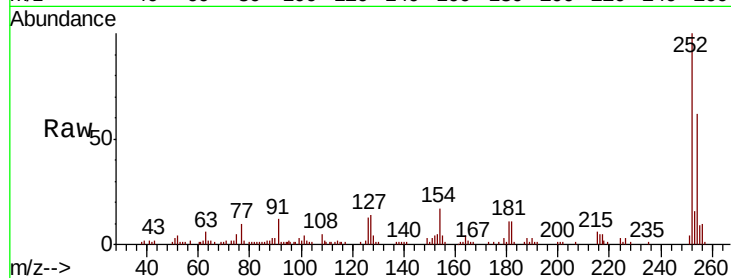
#82
 3,3'-Dichlorobenzidine
 Concen: 33.958 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF117561.D
 Acq: 28 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 R-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
254	61.8	52.2	78.4
126	12.9	9.2	13.8

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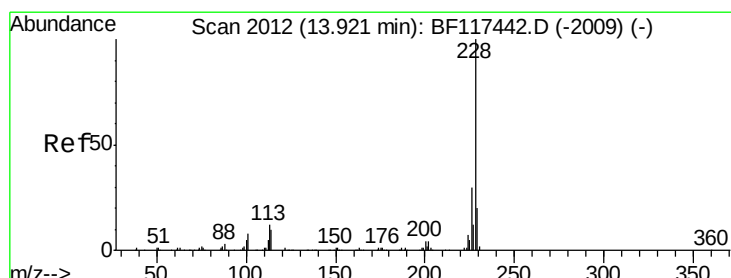
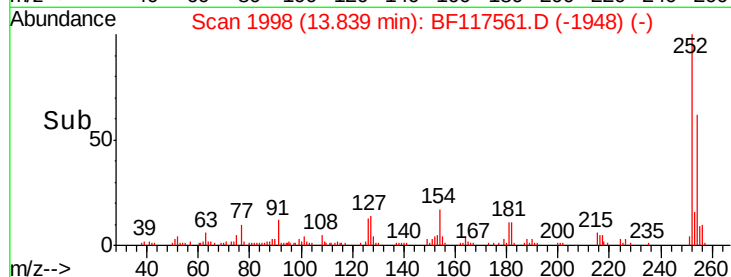
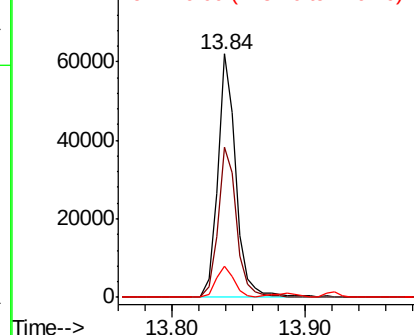


Abundance

Ion 252.00 (251.70 to 252.70): E

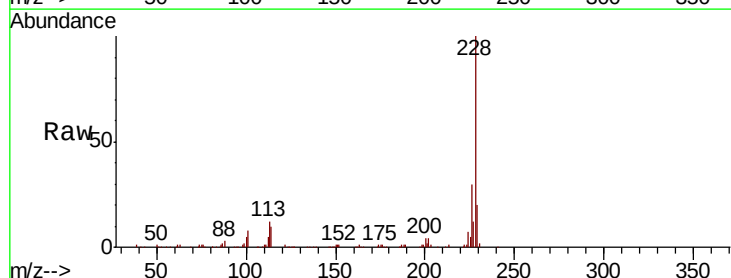
Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#83
 Chrysene
 Concen: 45.811 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. 0.00 min
 Lab File: BF117561.D
 Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	20.0	15.8	23.6

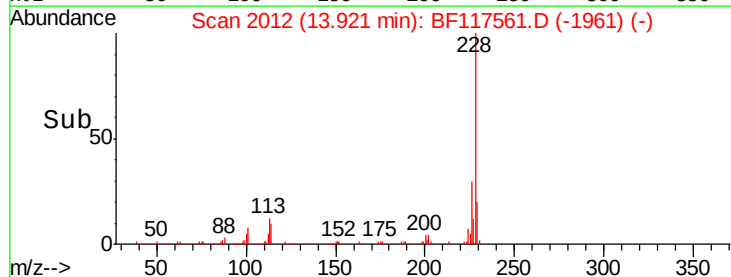
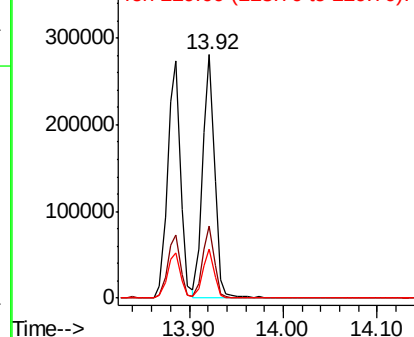


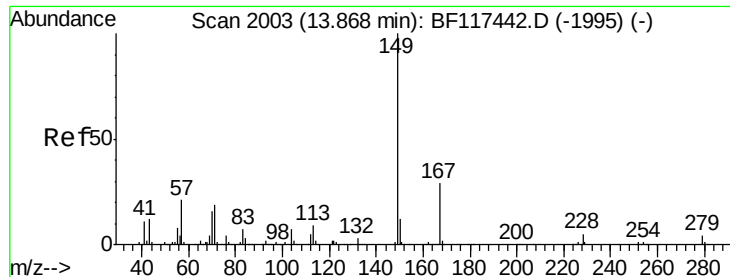
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 49.642 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Instrument :

BNA_F

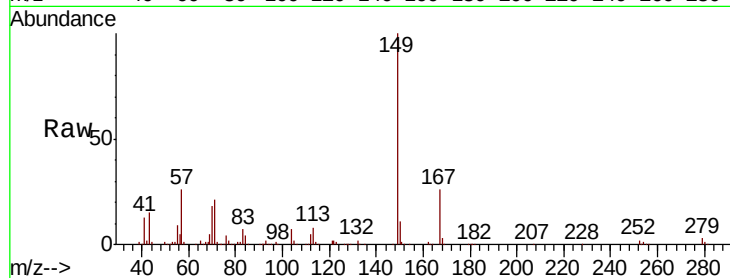
ClientSampleId :

R-1MS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	245630		
167	26.2	23.3	34.9	
279	3.0	3.2	4.8#	

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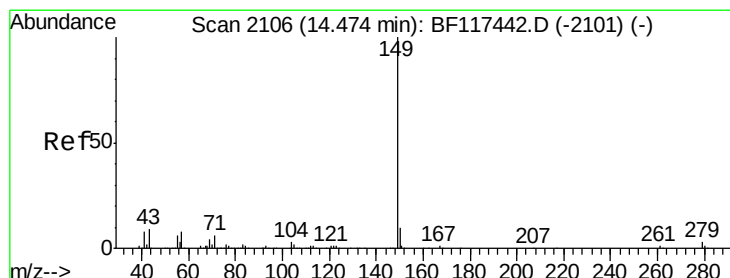
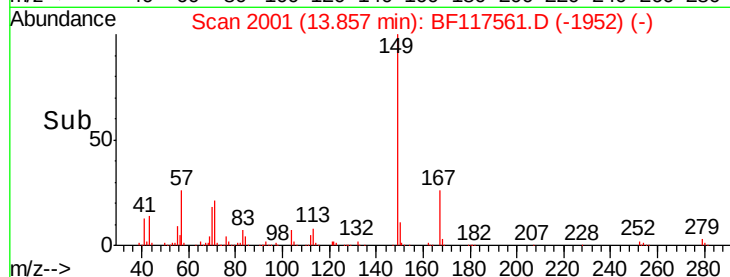
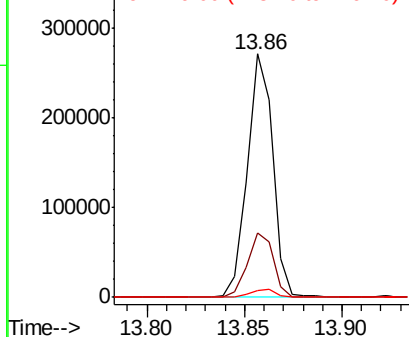


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 47.889 ng

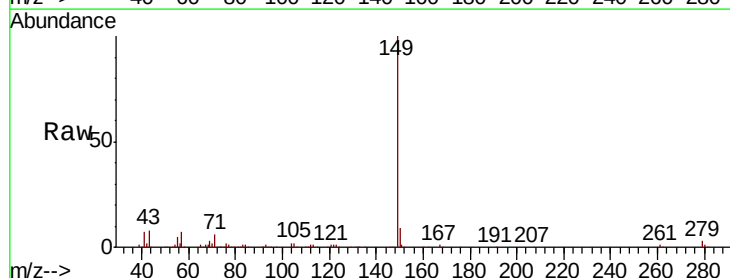
RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	364319		
167	1.5	1.2	1.8	
43	8.4	6.8	10.2	

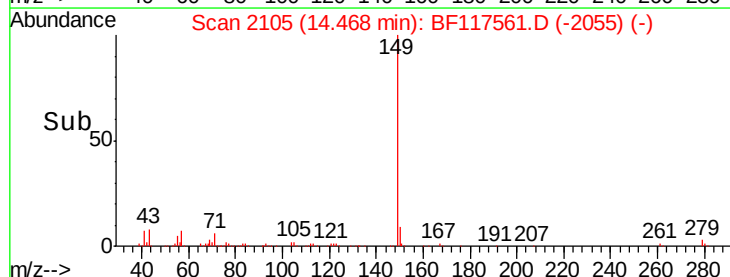
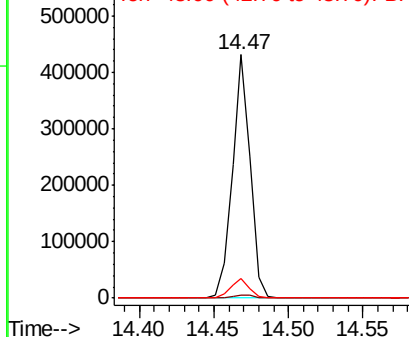


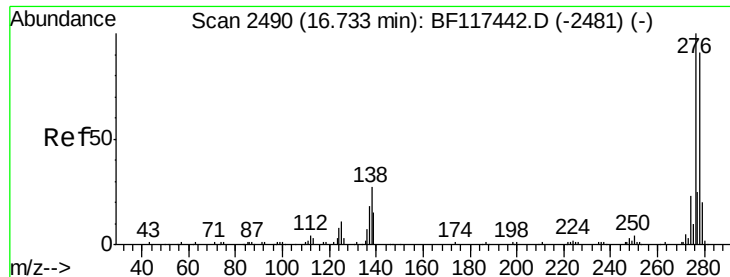
Abundance

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





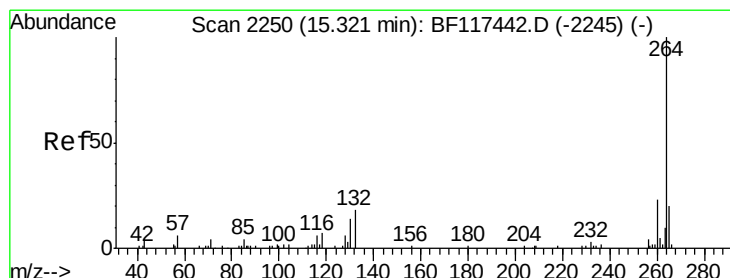
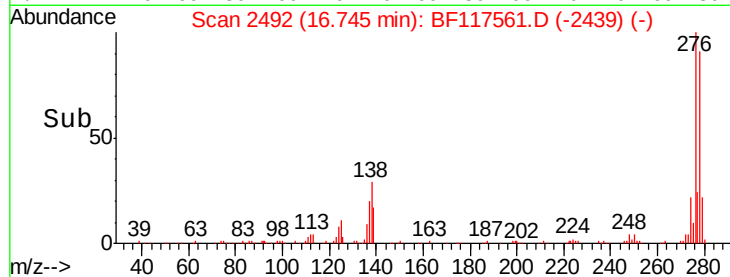
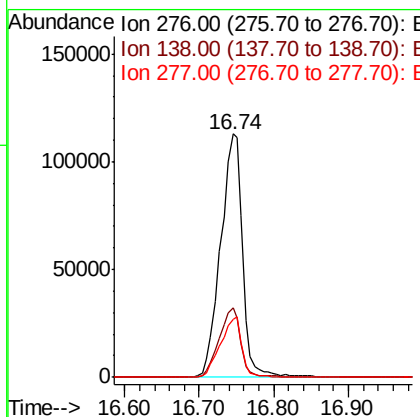
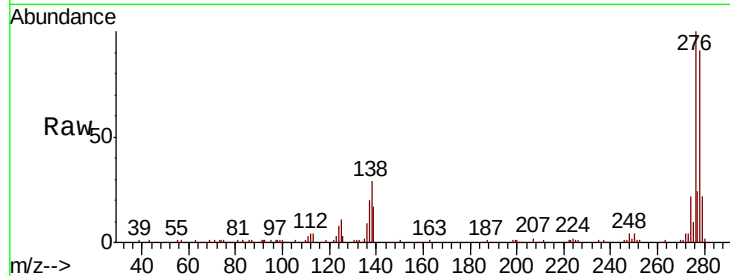
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 57.023 ng
 RT: 16.74 min Scan# 2492
 Delta R.T. 0.01 min
 Lab File: BF117561.D
 Acq: 28 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 R-1MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	27.6	21.8	32.8
277	24.2	20.0	30.0

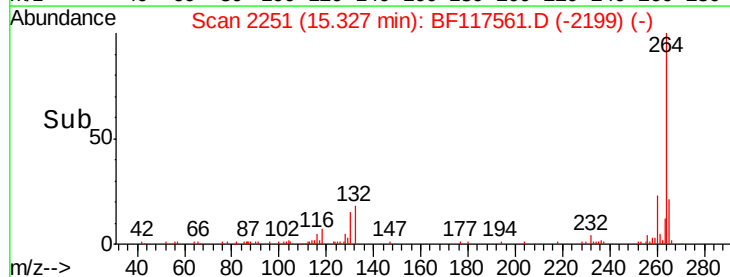
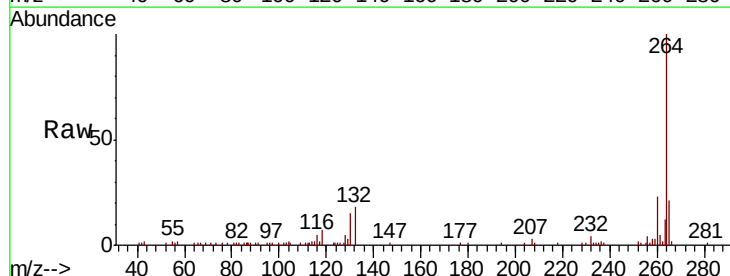
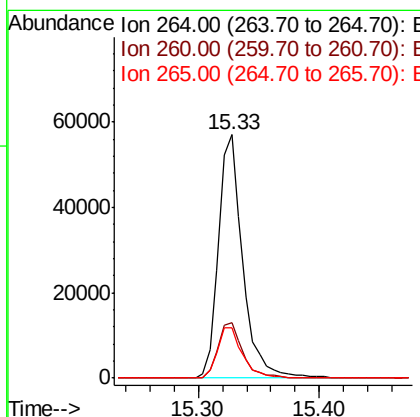
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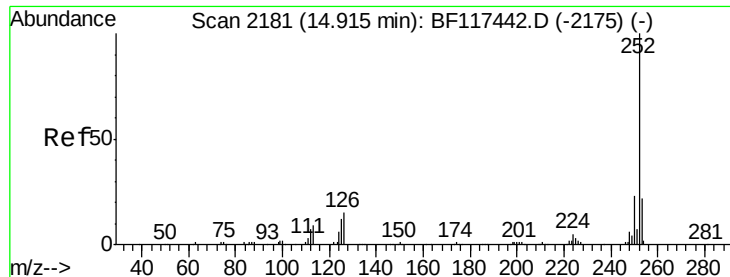
mohammad
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#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. 0.01 min
 Lab File: BF117561.D
 Acq: 28 Oct 2019 15:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.4	27.6
265	20.8	16.1	24.1





#88

Benzo(b)fluoranthene

Concen: 45.597 ng

RT: 14.92 min Scan# 2181

Delta R.T. 0.00 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

Instrument :

BNA_F

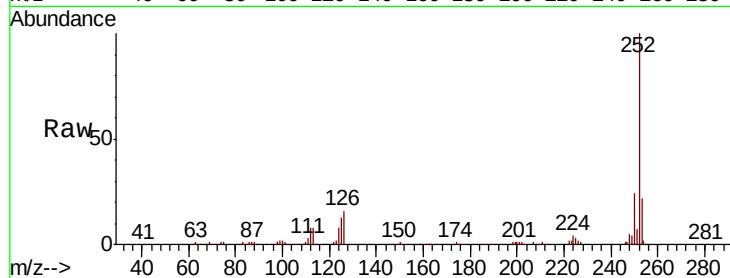
ClientSampleId :

R-1MS

Tot Ion:	252	Resp:	211823
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.8	26.6
125	12.7	9.9	14.9

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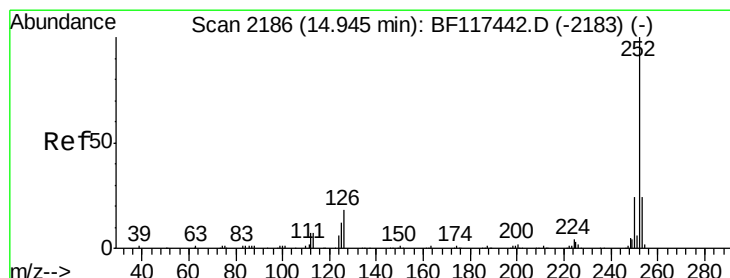
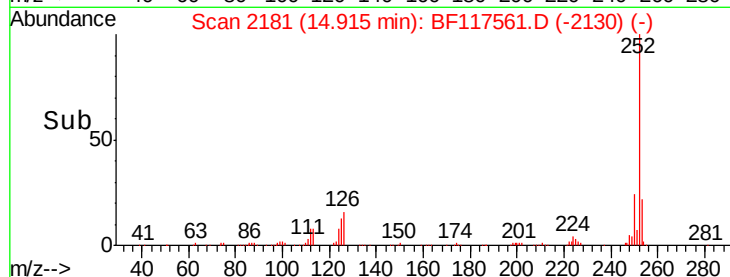
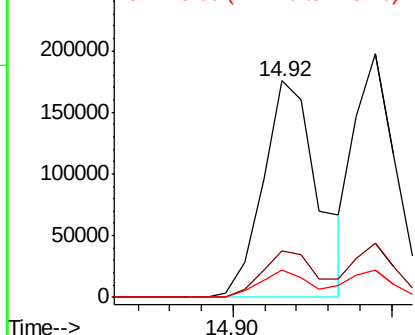


Abundance

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: 38.772 ng

RT: 14.94 min Scan# 2186

Delta R.T. 0.00 min

Lab File: BF117561.D

Acq: 28 Oct 2019 15:10

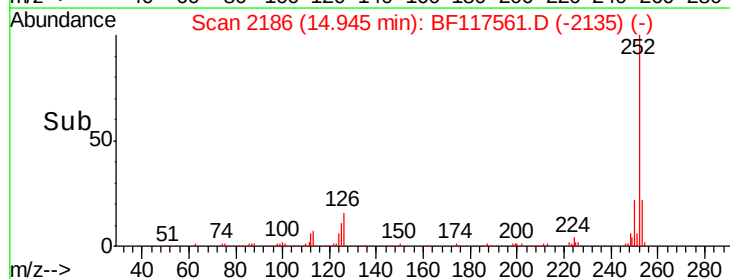
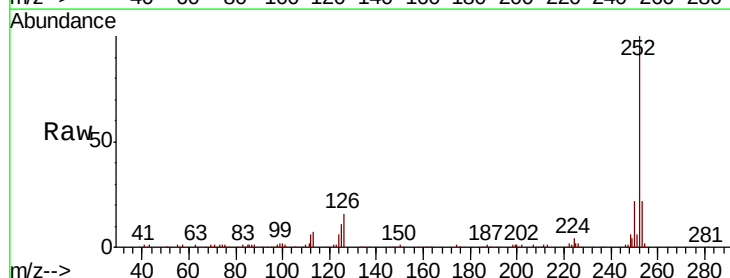
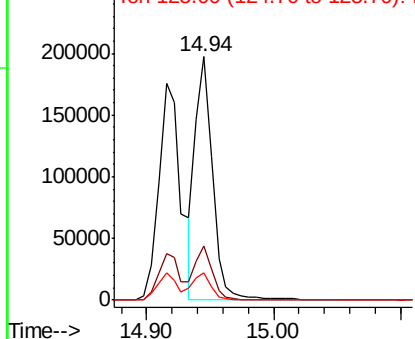
Tgt Ion:	252	Resp:	184610
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.0	27.0
125	11.1	8.9	13.3

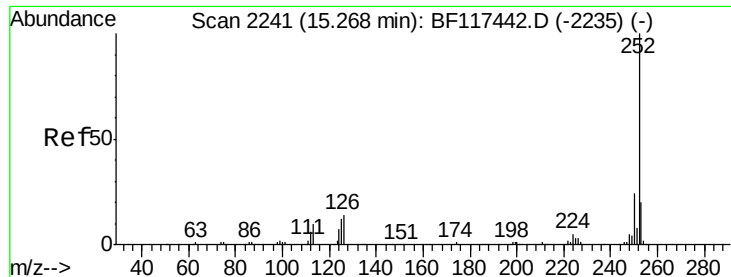
Abundance

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





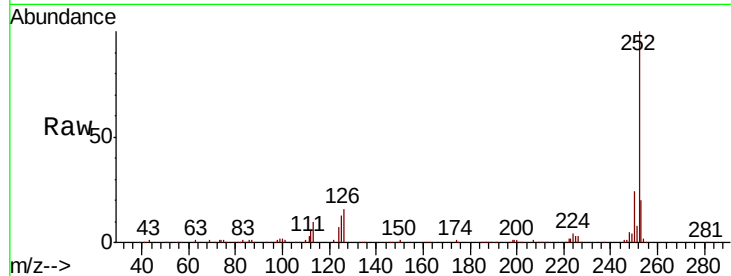
#90
Benzo(a)pyrene
Concen: 43.949 ng
RT: 15.27 min Scan# 2241
Delta R.T. 0.00 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

Instrument :
BNA_F
ClientSampleId :
R-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.4	16.3	24.5
125	13.2	9.2	13.8

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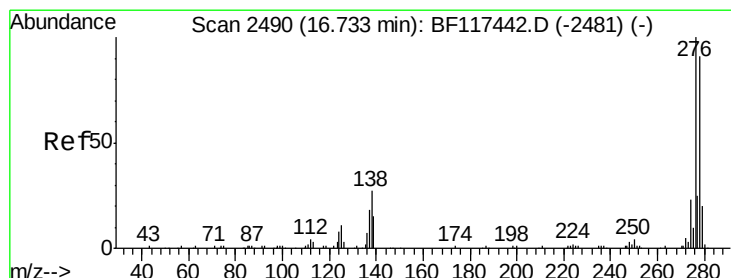
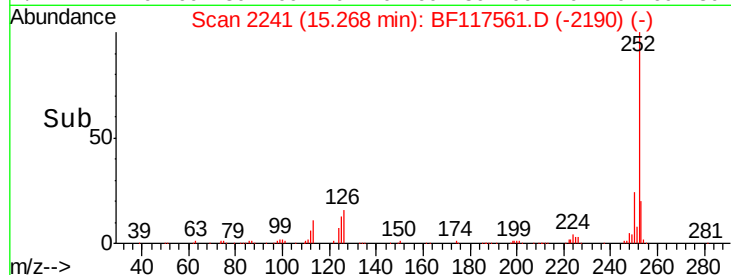
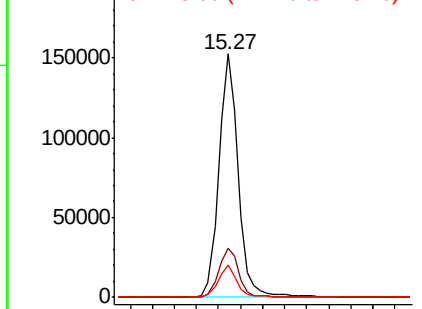


Abundance

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



#91
Dibenzo(a,h)anthracene
Concen: 52.640 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117561.D
Acq: 28 Oct 2019 15:10

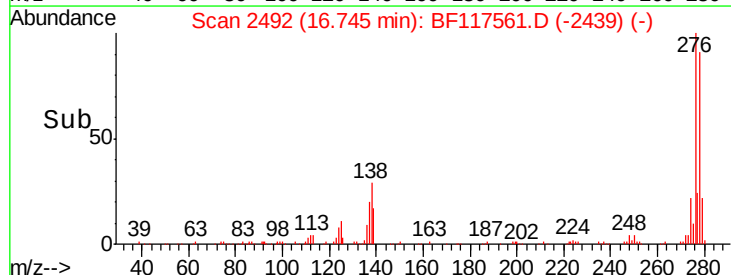
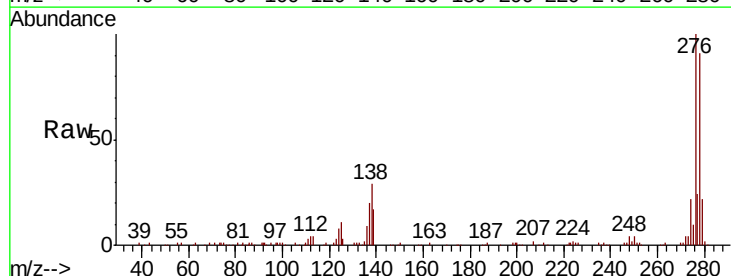
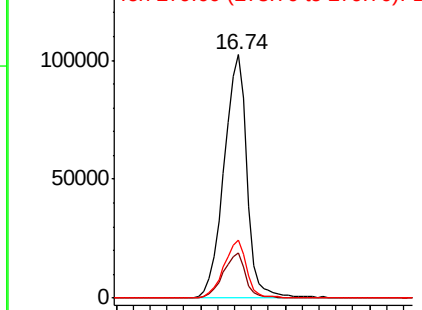
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	13.4	20.0
279	23.8	17.8	26.6

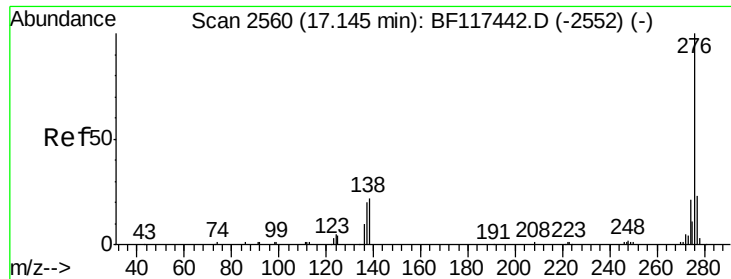
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92
 Benzo(a,h,i)perylene
 Concen: 56.436 ng
 RT: 17.17 min Scan# 2564
 Delta R.T. 0.02 min
 Lab File: BF117561.D
 Acq: 28 Oct 2019 15:10

Instrument :
 BNA_F
 ClientSampleId :
 R-1MS

Tot Ion:	276	Resp:	195022
Ion Ratio		Lower	Upper
276	100		
277	23.9	18.4	27.6
138	23.9	17.8	26.6

Manual Integrations
 APPROVED

mohammad
 10/30/2019 4:51:08 PM

