

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117579.D
 Acq On : 29 Oct 2019 9:55
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 10/30/2019 4:52:30 PM

Quant Time: Oct 29 10:51:54 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	40735	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	169139	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	84442	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	133215	20.00	ng	0.00
76) Chrysene-d12	13.90	240	87211	20.00	ng	0.00
87) Perylene-d12	15.33	264	76701	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.35	112	234002	85.46	ng	0.00
7) Phenol-d6	6.39	99	309418	84.14	ng	0.00
23) Nitrobenzene-d5	7.30	82	286759	83.70	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	56770	77.70	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	487946	81.42	ng	0.00
79) Terphenyl-d14	12.83	244	441186	82.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.39	88	47373	41.151	ng	99
3) Pyridine	3.10	79	117388	41.654	ng	98
4) n-Nitrosodimethylamine	3.06	42	40841	39.947	ng	98
6) Aniline	6.39	93	179909	41.670	ng	# 82
8) 2-Chlorophenol	6.52	128	120193	41.600	ng	98
9) Benzaldehyde	6.28	77	81951	48.238	ng	98
10) Phenol	6.40	94	153840	40.986	ng	98
11) bis(2-Chloroethyl)ether	6.46	93	112983	40.695	ng	98
12) 1,3-Dichlorobenzene	6.67	146	135115	41.906	ng	98
13) 1,4-Dichlorobenzene	6.75	146	135249	41.350	ng	97
14) 1,2-Dichlorobenzene	6.90	146	128228	41.590	ng	99
15) Benzyl Alcohol	6.89	79	110230	41.953	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.00	45	124876	41.695	ng	# 43
17) 2-Methylphenol	7.00	107	97944	41.208	ng	94
18) Hexachloroethane	7.23	117	51899	40.652	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	89913	40.033	ng	95
20) 3+4-Methylphenols	7.16	107	131613	42.234	ng	# 70
22) Acetophenone	7.15	105	189675	42.232	ng	# 93
24) Nitrobenzene	7.32	77	135798	41.383	ng	99
25) Isophorone	7.56	82	239048	40.333	ng	100
26) 2-Nitrophenol	7.63	139	61952	42.330	ng	97
27) 2,4-Dimethylphenol	7.68	122	93562	42.776	ng	96
28) bis(2-Chloroethoxy)methane	7.76	93	150942	41.273	ng	98
29) 2,4-Dichlorophenol	7.89	162	94566	41.220	ng	98
30) 1,2,4-Trichlorobenzene	7.96	180	99556	40.438	ng	99
31) Naphthalene	8.03	128	345716	41.237	ng	99
32) Benzoic acid	7.83	122	39905	26.636	ng	91
33) 4-Chloroaniline	8.09	127	148829	42.064	ng	97
34) Hexachlorobutadiene	8.15	225	56684	39.779	ng	97
35) Caprolactam	8.46	113	32085m	43.536	ng	
36) 4-Chloro-3-methylphenol	8.59	107	107810	41.205	ng	98
37) 2-Methylnaphthalene	8.72	142	227818	40.328	ng	98
38) 1-Methylnaphthalene	8.82	142	215790	40.651	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	96231	42.312	ng	99

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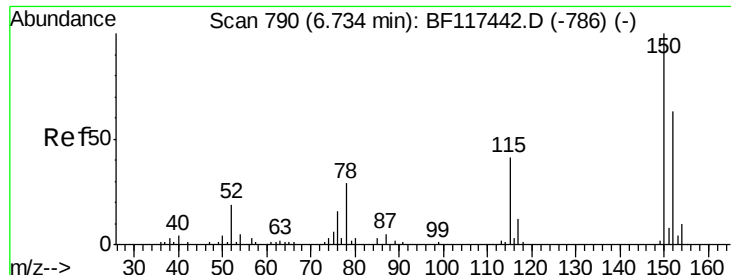
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.87	237	28639	55.363	nq	98
43) 2,4,6-Trichlorophenol	9.02	196	57571	40.422	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	53364	36.975	nq	98
46) 1,1'-Biphenyl	9.19	154	290389	41.540	nq	98
47) 2-Chloronaphthalene	9.22	162	218361	41.428	nq	96
48) 2-Nitroaniline	9.32	65	75311	43.525	nq	89
49) Acenaphthylene	9.63	152	323306	41.760	nq	99
50) Dimethylphthalate	9.49	163	249599	41.463	nq	100
51) 2,6-Dinitrotoluene	9.56	165	53929	42.931	nq	91
52) Acenaphthene	9.80	154	195024	41.058	nq	99
53) 3-Nitroaniline	9.73	138	65824	43.187	nq	100
54) 2,4-Dinitrophenol	9.87	184	17117m	35.587	nq	
55) Dibenzofuran	9.97	168	292254	42.468	nq	98
56) 4-Nitrophenol	9.93	139	24182	36.818	nq	97
57) 2,4-Dinitrotoluene	9.97	165	70709	42.337	nq	94
58) Fluorene	10.32	166	239607	42.104	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.10	232	42557	37.518	nq	# 97
60) Diethylphthalate	10.19	149	249754	41.018	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	103365	40.484	nq	98
62) 4-Nitroaniline	10.35	138	62672	43.625	nq	96
63) Azobenzene	10.46	77	256885	41.213	nq	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	25366	37.452	nq	96
66) n-Nitrosodiphenylamine	10.42	169	202214	41.522	nq	97
67) 4-Bromophenyl-phenylether	10.79	248	57564	40.118	nq	99
68) Hexachlorobenzene	10.87	284	63379	41.244	nq	94
69) Atrazine	10.95	200	44496	35.911	nq	98
70) Pentachlorophenol	11.07	266	22006	47.770	nq	95
71) Phenanthrene	11.27	178	329479	42.594	nq	98
72) Anthracene	11.33	178	336291	42.371	nq	99
73) Carbazole	11.49	167	308793	42.573	nq	99
74) Di-n-butylphthalate	11.80	149	393967	40.650	nq	99
75) Fluoranthene	12.47	202	321408	41.506	nq	97
77) Benzidine	12.59	184	101568	41.125	nq	100
78) Pyrene	12.69	202	318974	42.581	nq	100
80) Butylbenzylphthalate	13.30	149	152205	40.831	nq	99
81) Benzo(a)anthracene	13.89	228	242256	41.181	nq	99
82) 3,3'-Dichlorobenzidine	13.84	252	77857	42.177	nq	98
83) Chrysene	13.92	228	235801	40.899	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	202570	38.793	nq	96
85) Di-n-octyl phthalate	14.47	149	317231	39.513	nq	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	189936	44.125	nq	98
88) Benzo(b)fluoranthene	14.92	252	193528	42.728	nq	98
89) Benzo(k)fluoranthene	14.94	252	182688	39.353	nq	98
90) Benzo(a)pyrene	15.27	252	172919	41.991	nq	99
91) Dibenzo(a,h)anthracene	16.74	278	160666	45.121	nq	96
92) Benzo(g,h,i)perylene	17.17	276	155048	46.020	nq	96

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



#1

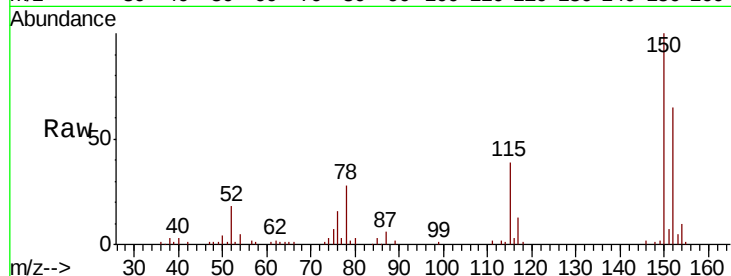
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.3	126.8	190.2
115	60.7	51.6	77.4

Manual Integrations
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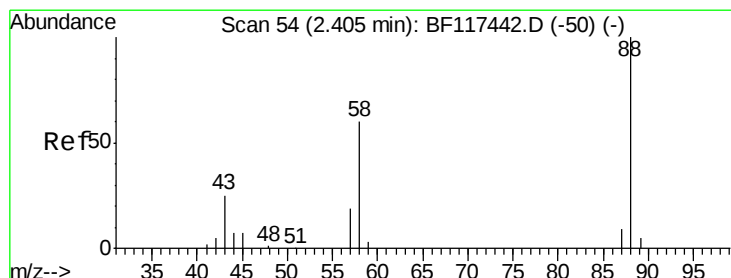
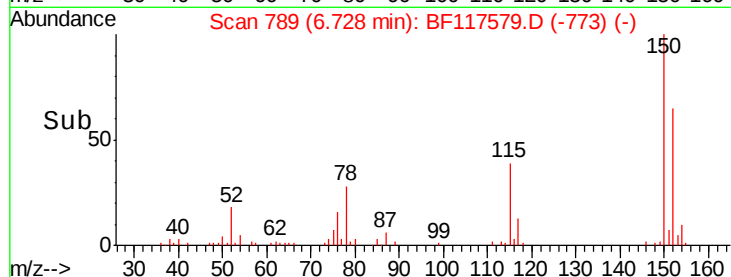
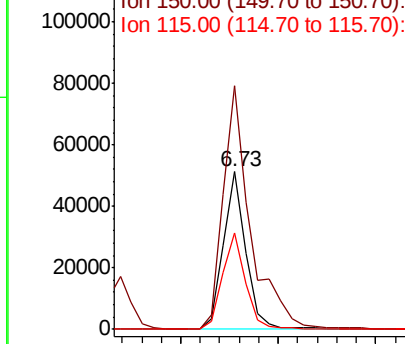


Abundance

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: 41.151 ng
RT: 2.39 min Scan# 51
Delta R.T. -0.02 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

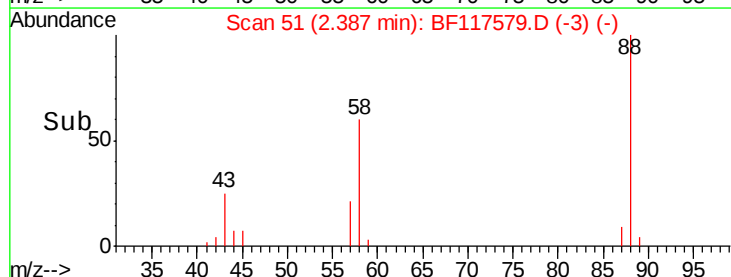
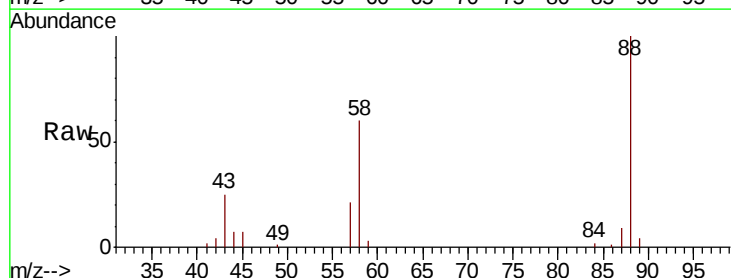
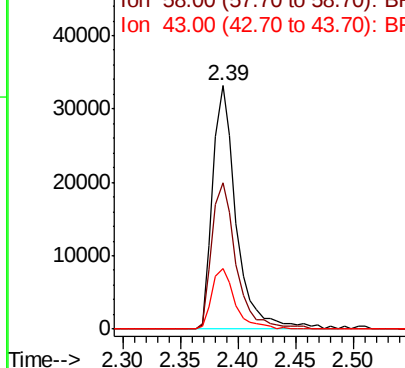
Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.8	48.8	73.2
43	24.3	18.5	27.7

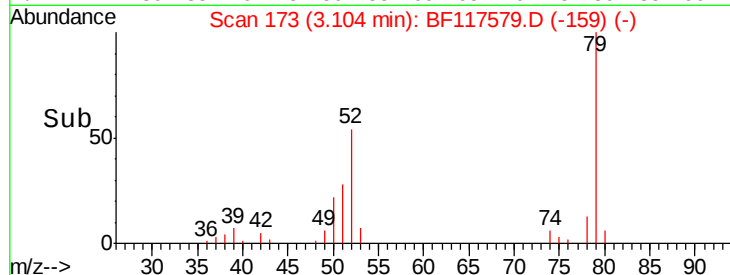
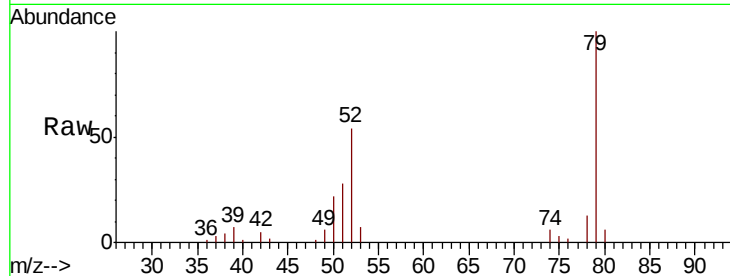
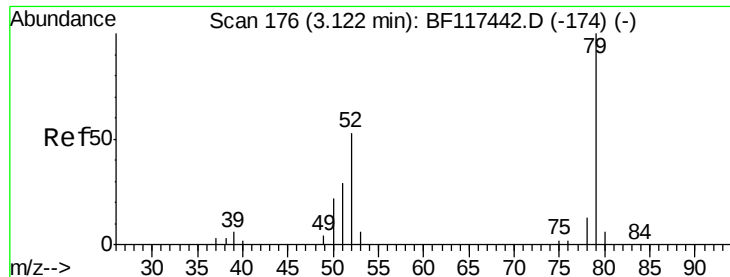
Abundance

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





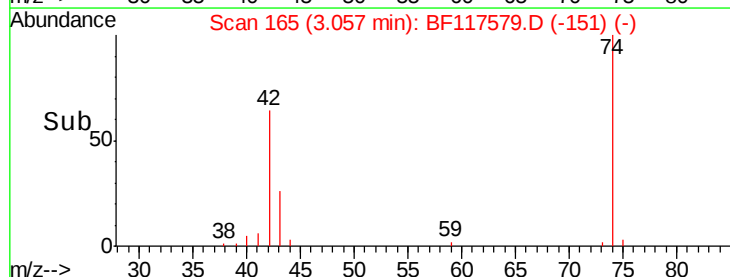
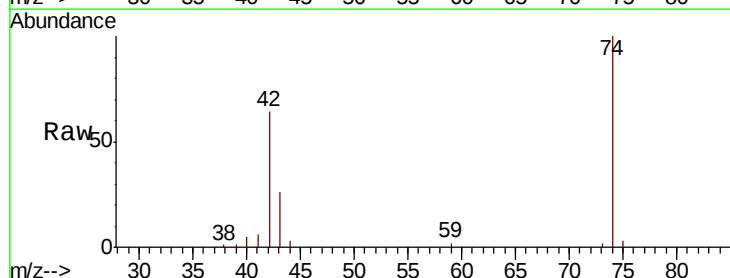
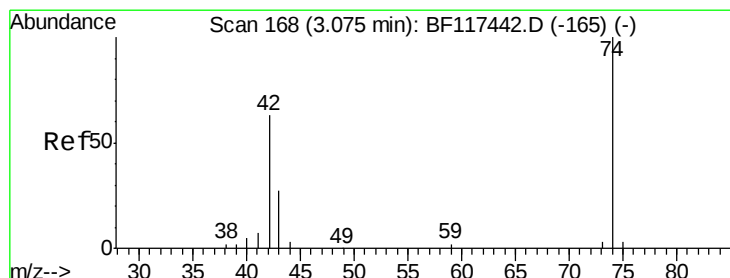
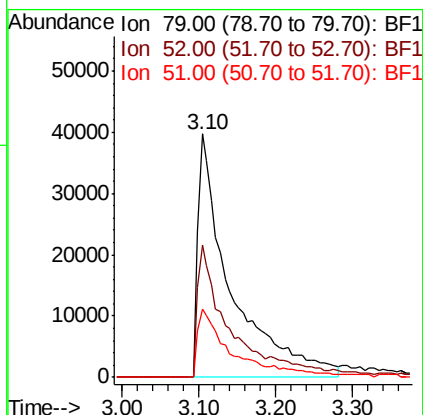
#3
Pvridine
Concen: 41.654 ng
RT: 3.10 min Scan# 173
Delta R.T. -0.02 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	117388		
52	52	54.2		42.4	63.6
51	51	28.0		23.3	34.9

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

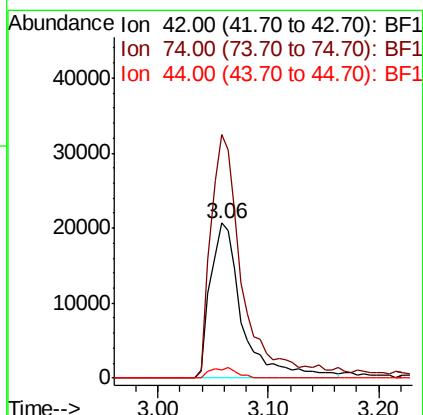
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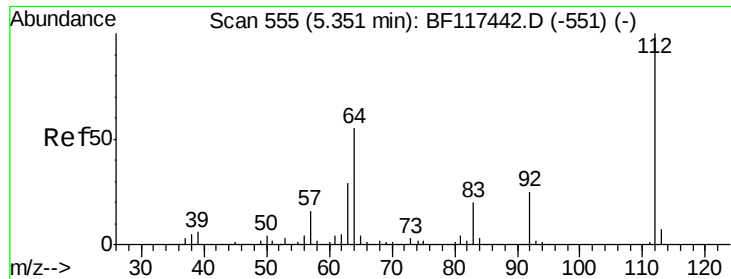
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#4
n-Nitrosodimethylamine
Concen: 39.947 ng
RT: 3.06 min Scan# 165
Delta R.T. -0.02 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	40841		
74	74	157.3		124.2	186.4
44	44	5.4		4.2	6.4





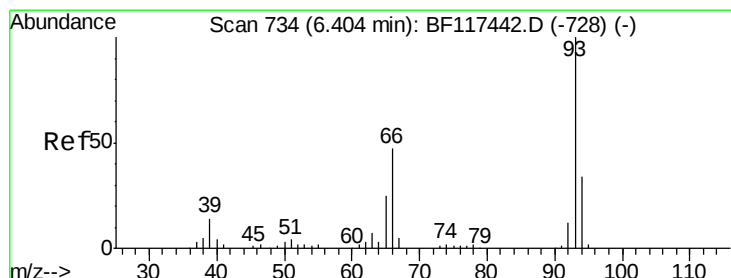
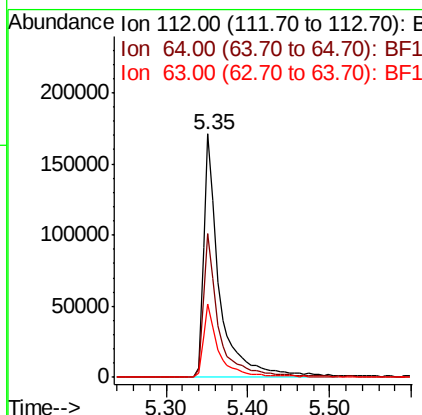
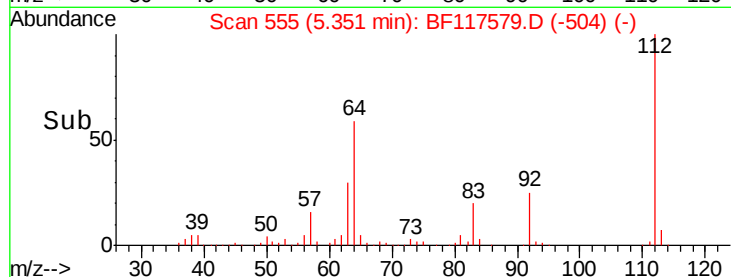
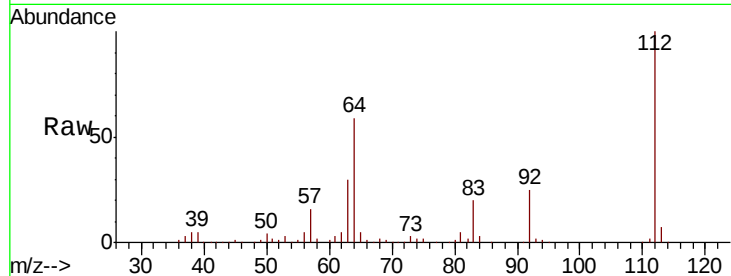
#5
2-Fluorophenol
Concen: 85.461 ng
RT: 5.35 min Scan# 555
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	59.3	44.1	66.1
63	30.3	23.4	35.2

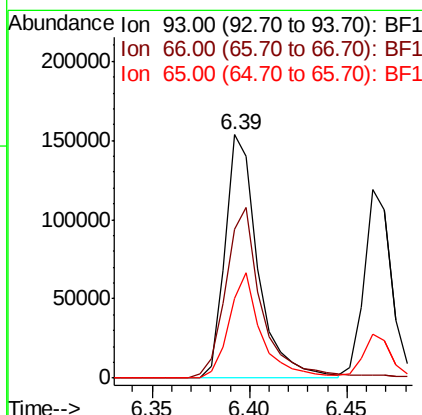
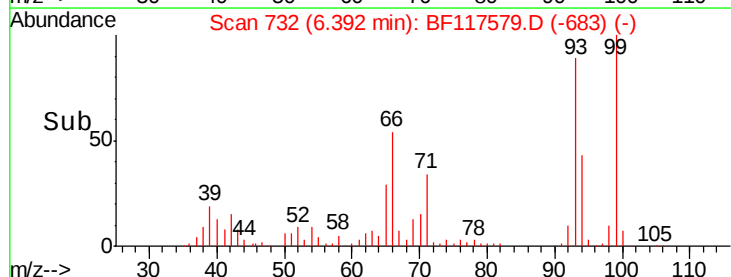
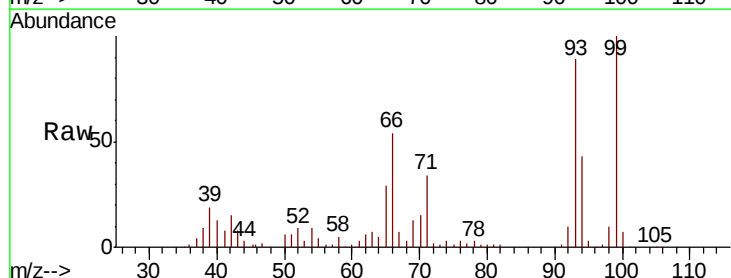
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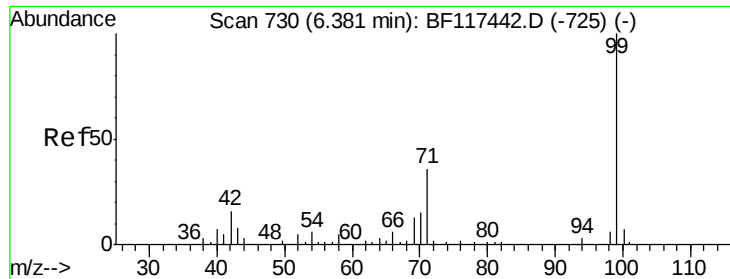
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#6
Aniline
Concen: 41.670 ng
RT: 6.39 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	61.1	38.7	58.1#
65	33.0	20.1	30.1#





#7

Phenol-d6

Concen: 84.136 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Instrument :

BNA_F

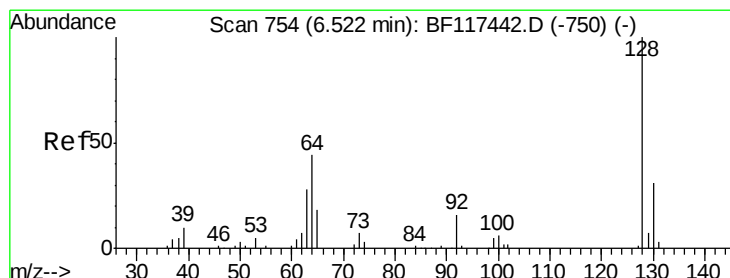
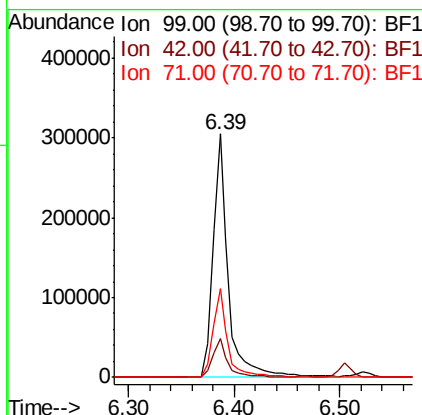
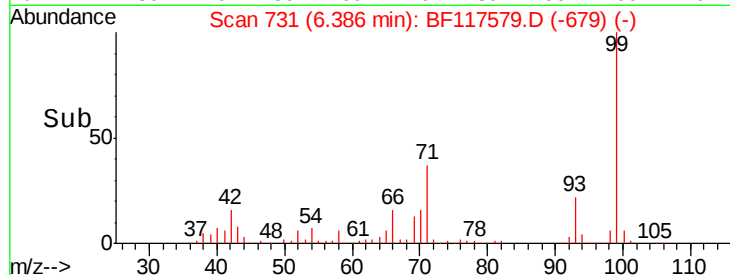
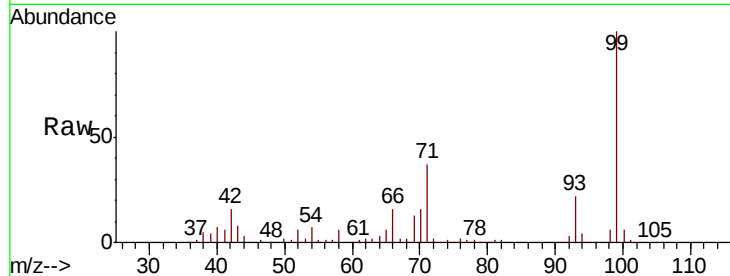
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	309418
Ion Ratio	Lower	Upper	
99	100		
42	15.8	12.8	19.2
71	36.6	28.6	43.0

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#8

2-Chlorophenol

Concen: 41.600 ng

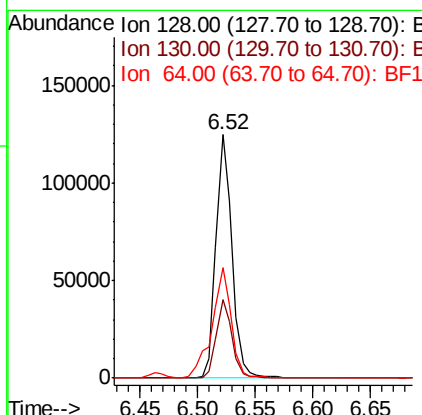
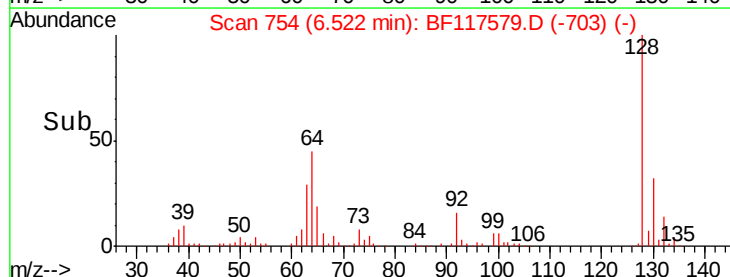
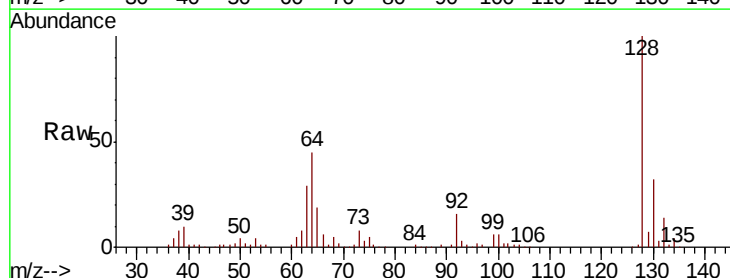
RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Tgt Ion:	128	Resp:	120193
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.1	51.1
64	45.5	27.1	67.1





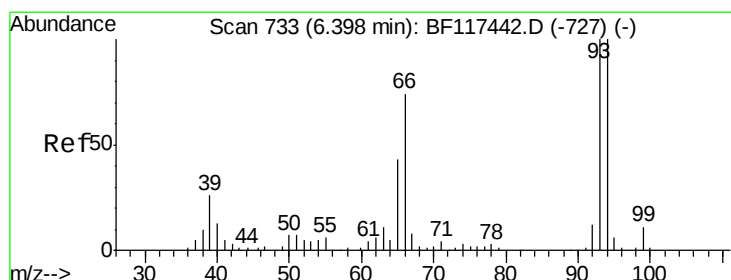
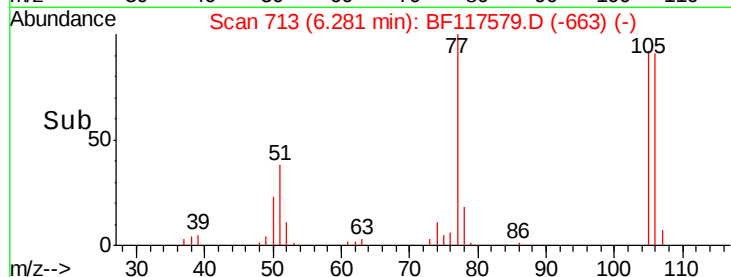
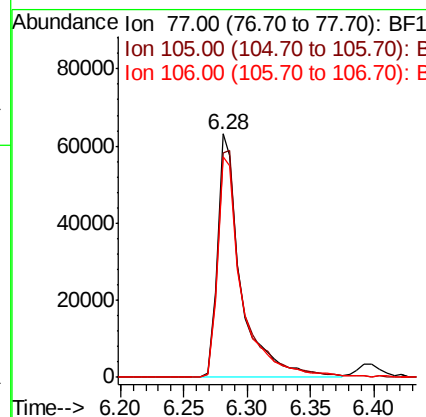
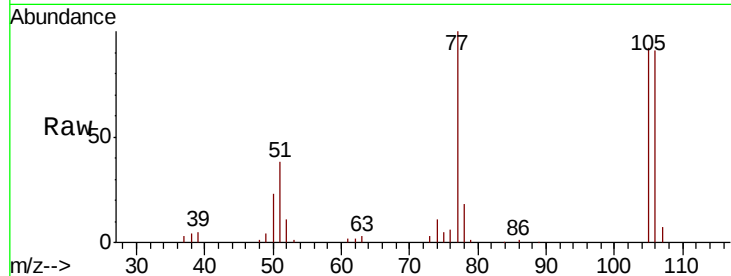
#9
Benzaldehyde
Concen: 48.238 ng
RT: 6.28 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	92.1	73.4	113.4		
106	90.8	73.0	113.0		

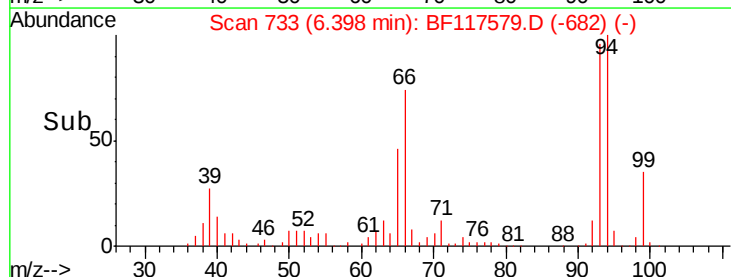
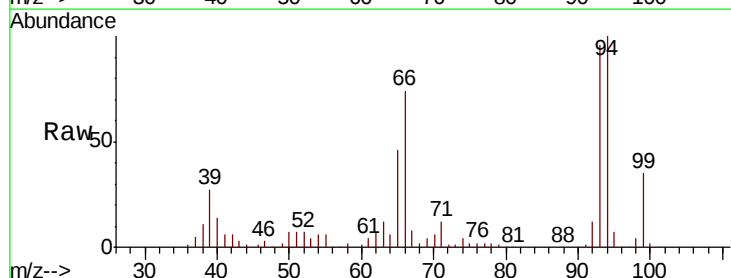
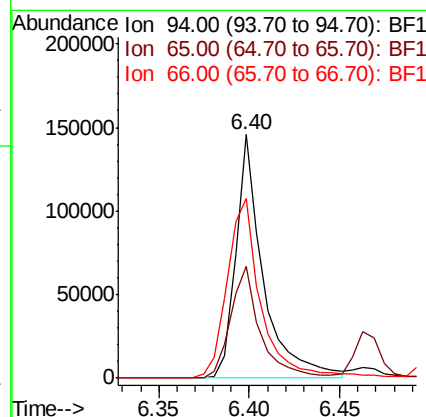
Manual Integrations
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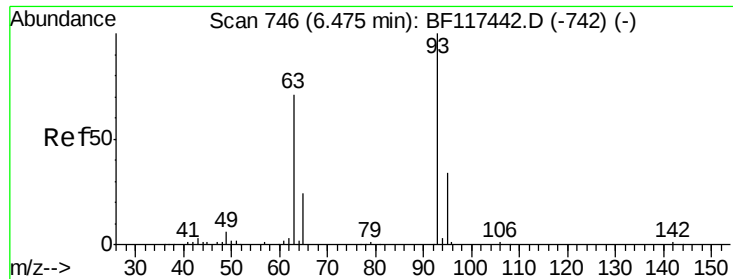
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#10
Phenol
Concen: 40.986 ng
RT: 6.40 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	45.8	23.4	63.4		
66	73.7	54.7	94.7		





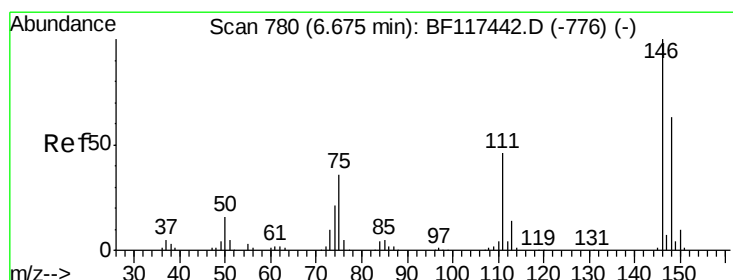
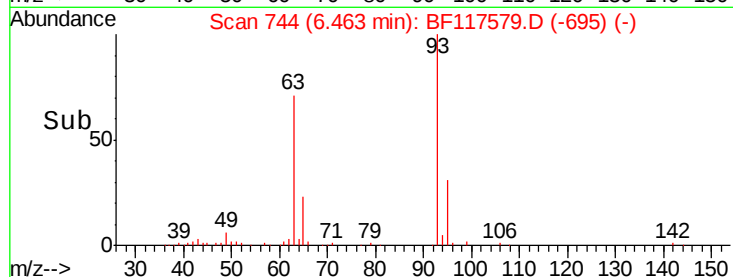
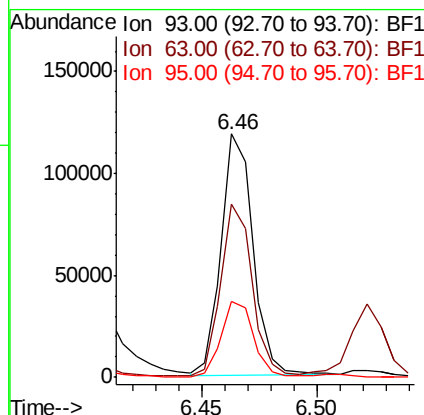
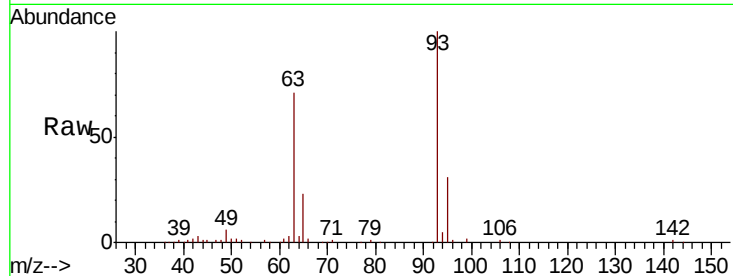
#11
bis(2-Chloroethyl)ether
Concen: 40.695 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	112983
Ion Ratio	Lower	Upper	
93	100		
63	71.2	50.2	90.2
95	31.3	13.9	53.9

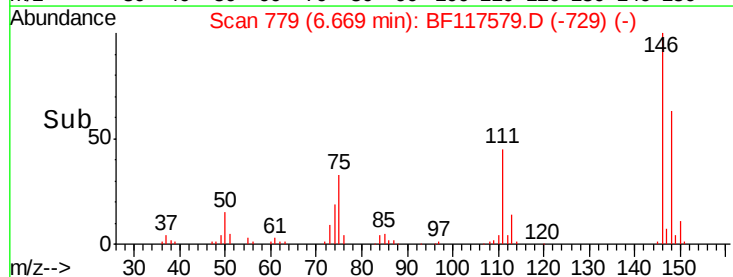
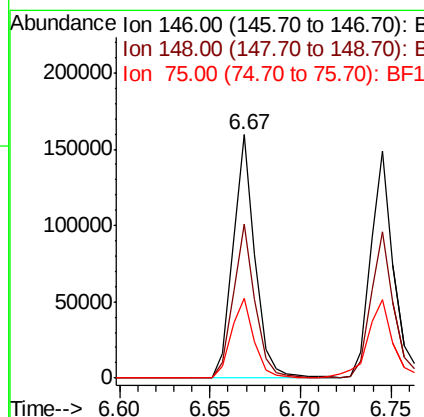
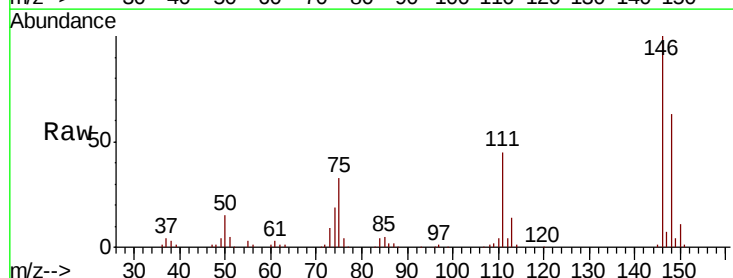
Manual Integrations
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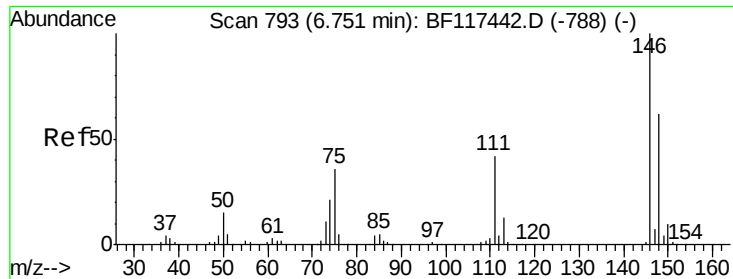
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.906 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion:	146	Resp:	135115
Ion Ratio	Lower	Upper	
146	100		
148	63.2	50.6	75.8
75	32.8	28.6	43.0





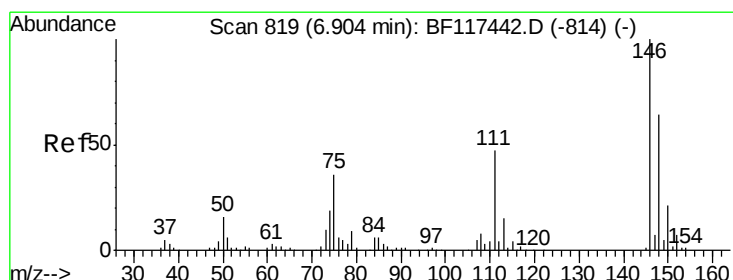
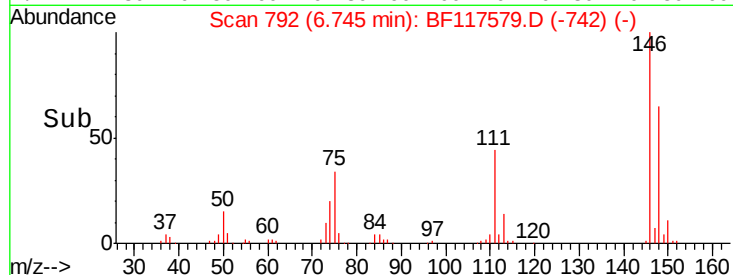
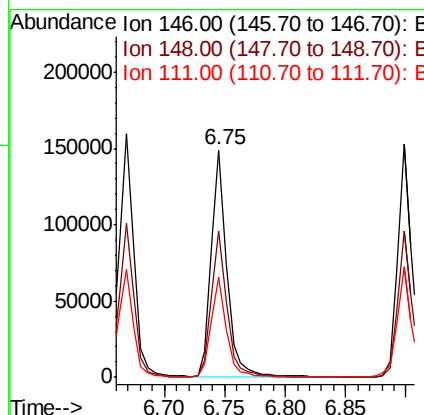
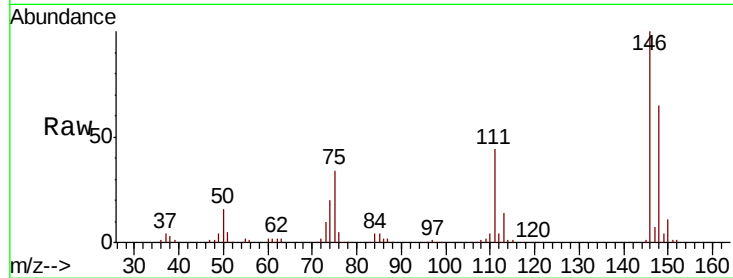
#13
1,4-Dichlorobenzene
Concen: 41.350 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.3	73.9
111	43.8	33.6	50.4

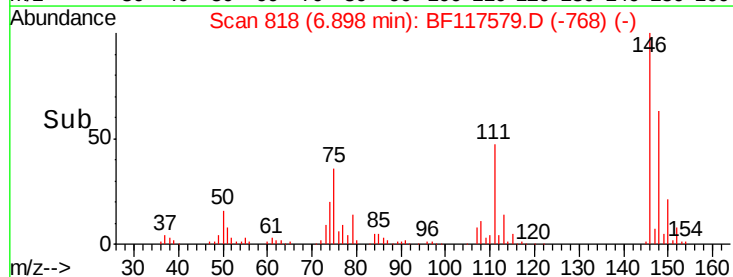
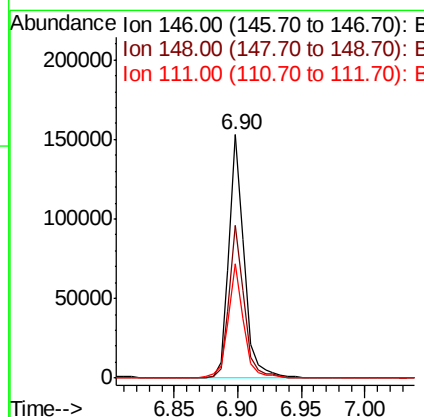
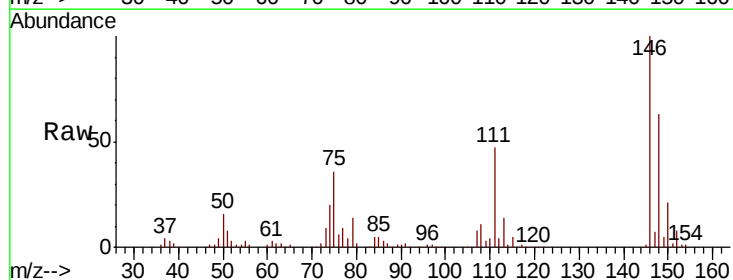
Manual Integrations
APPROVED

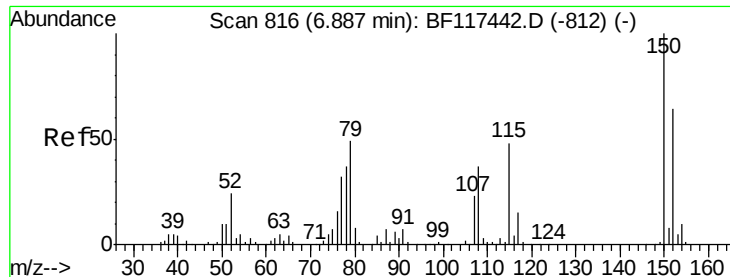
mohammad
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#14
1,2-Dichlorobenzene
Concen: 41.590 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.7	51.4	77.0
111	47.2	37.7	56.5





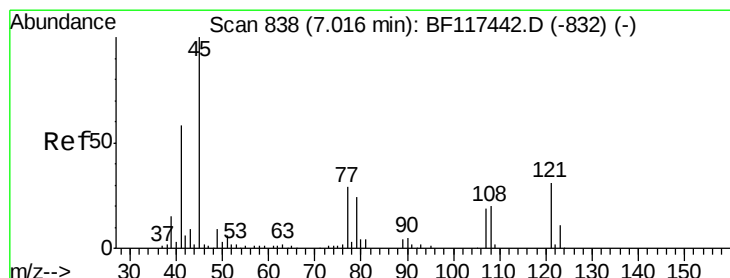
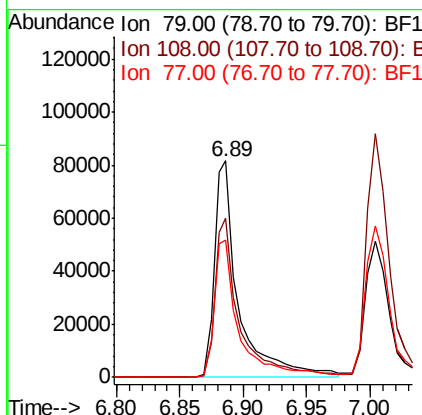
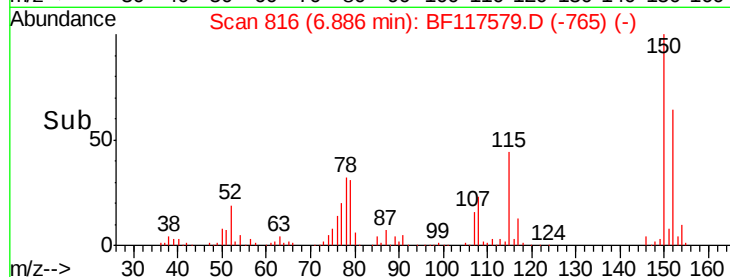
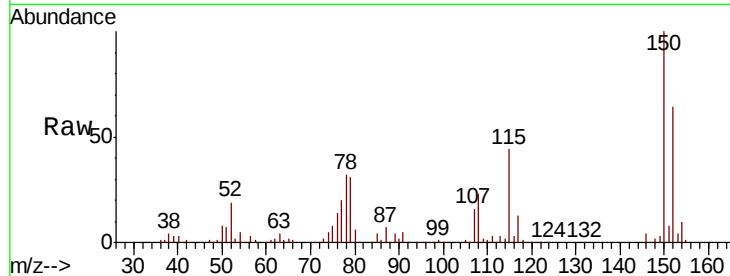
#15
Benzyl Alcohol
Concen: 41.953 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.4	59.8	89.8
77	63.6	51.4	77.0

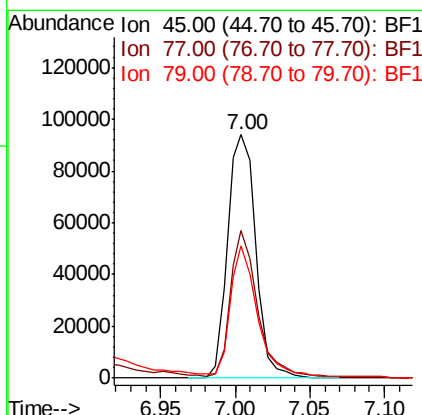
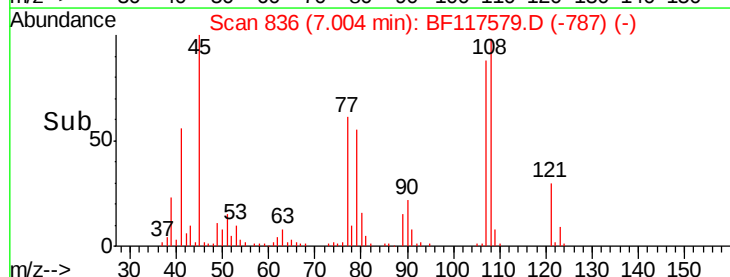
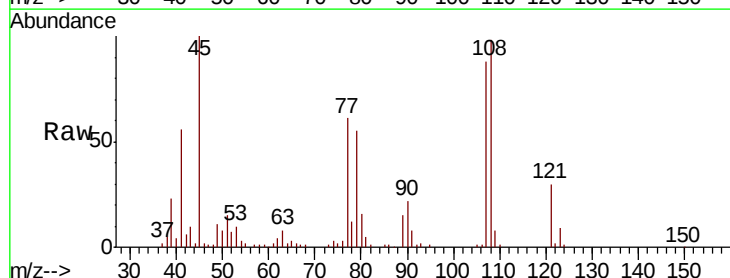
Manual Integrations
APPROVED

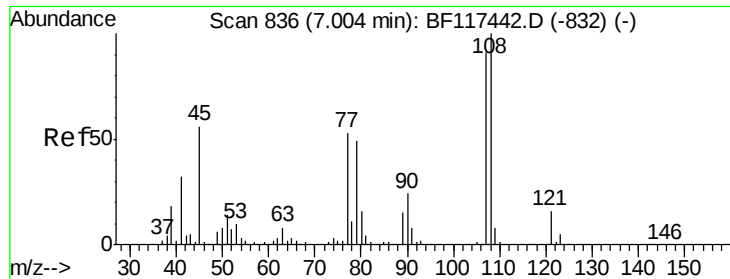
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.695 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
45	100		
77	60.8	9.9	49.9#
79	54.5	5.5	45.5#





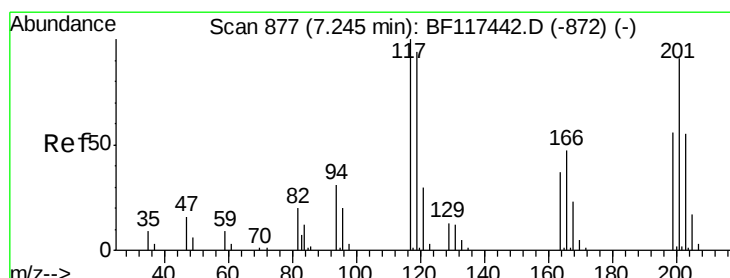
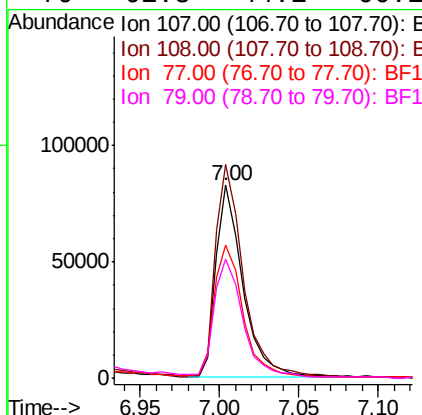
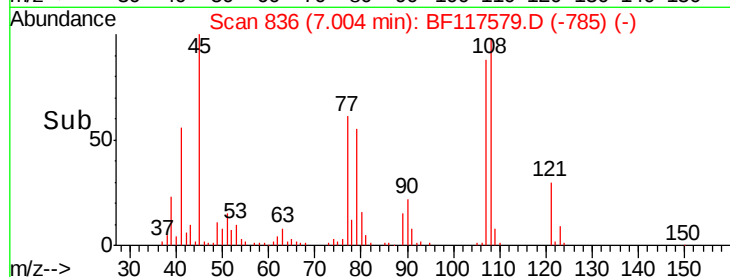
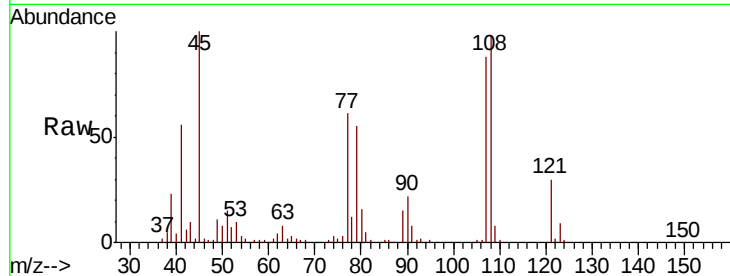
#17
2-Methylphenol
Concen: 41.208 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	110.5	88.0	132.0
77	68.8	47.2	70.8
79	61.8	44.1	66.1

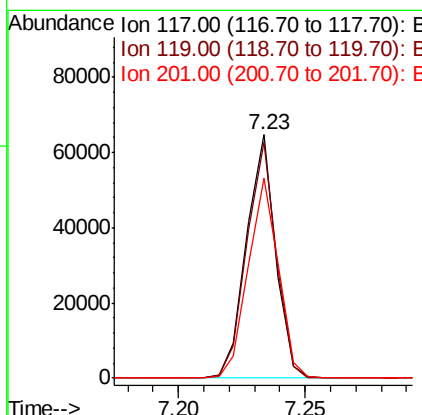
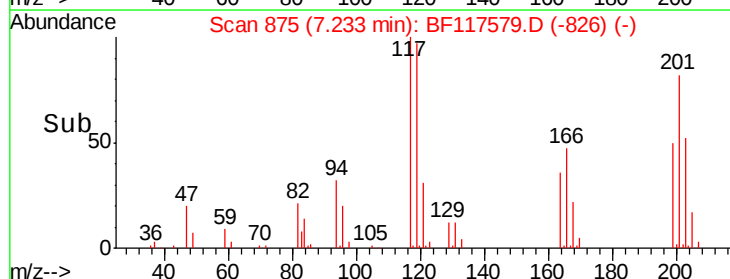
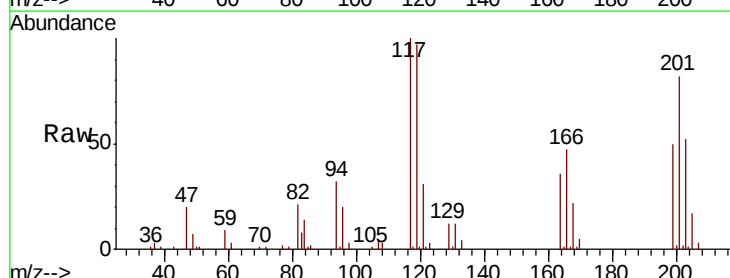
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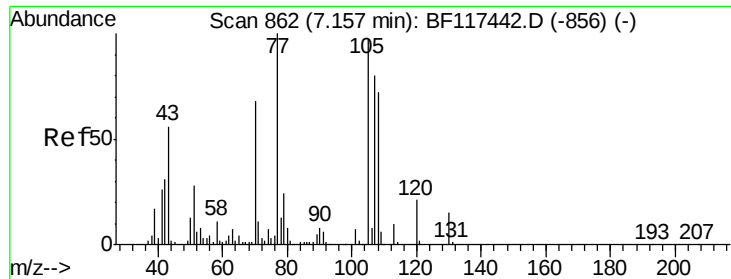
mohammad
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#18
Hexachloroethane
Concen: 40.652 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.4	113.0
201	82.4	72.5	108.7





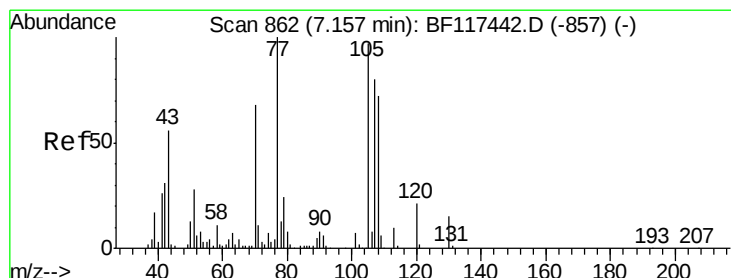
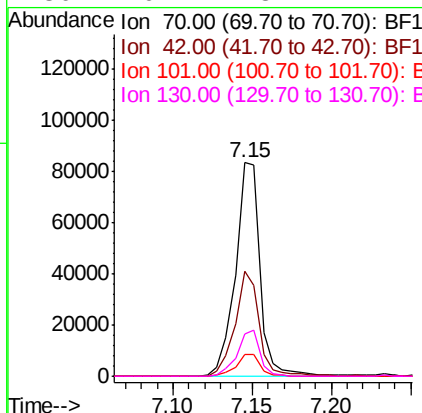
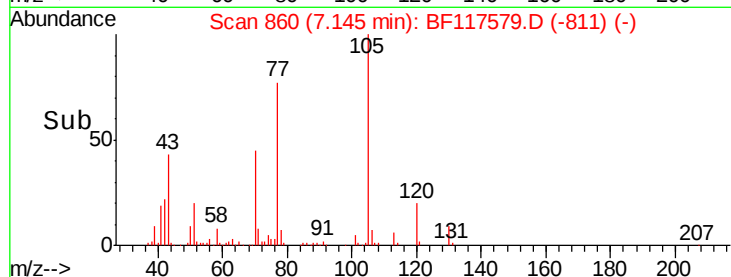
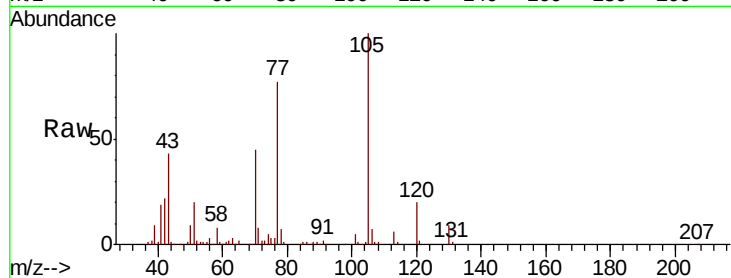
#19
n-Nitroso-di-n-propylamine
Concen: 40.033 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.2	36.7	55.1
101	9.9	8.3	12.5
130	20.1	18.1	27.1

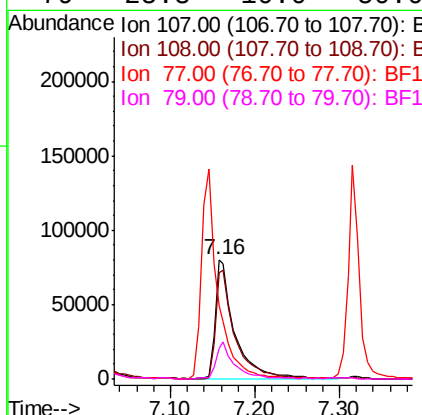
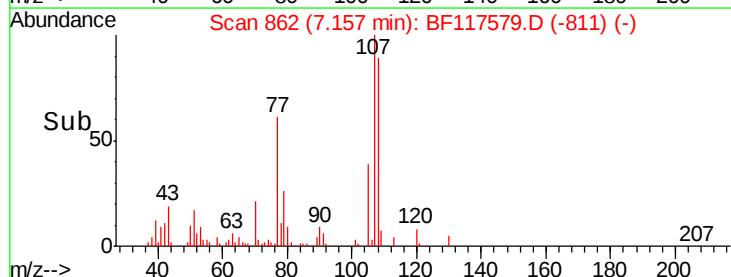
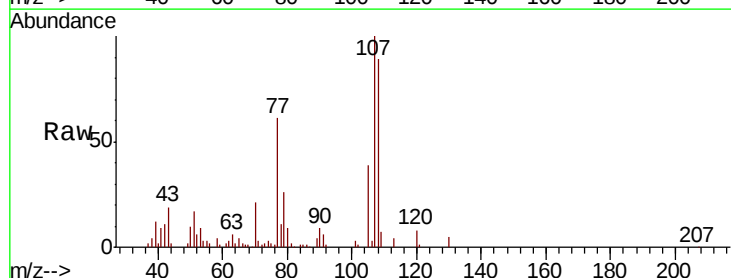
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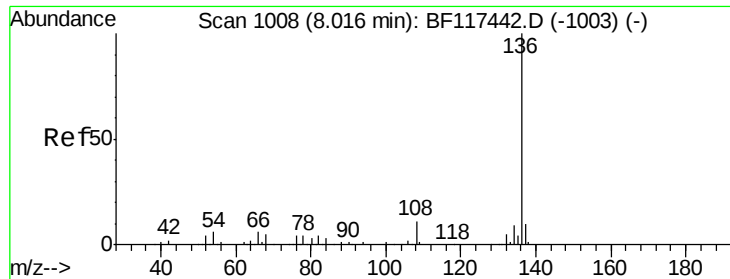
mohammad
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#20
3+4-Methylphenols
Concen: 42.234 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.3	70.3	110.3
77	61.4	104.8	144.8#
79	25.8	10.0	50.0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Instrument :

BNA_F

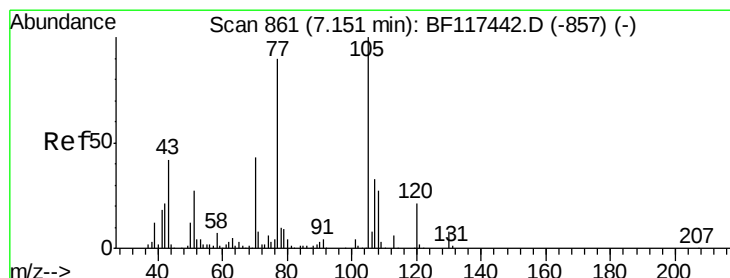
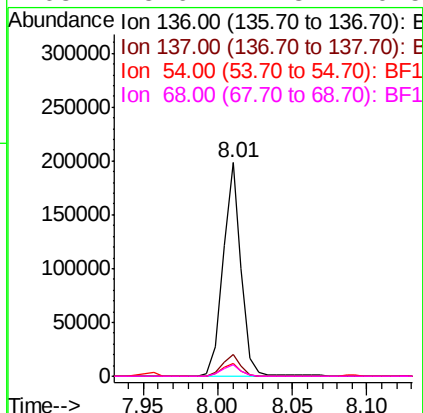
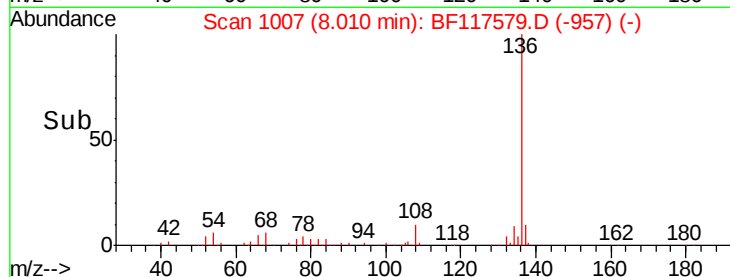
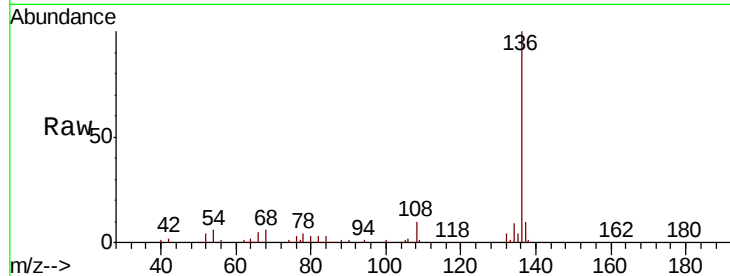
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	169139		
137	10.3	8.2	12.4	
54	5.8	4.5	6.7	
68	5.6	4.3	6.5	

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#22

Acetophenone

Concen: 42.232 ng

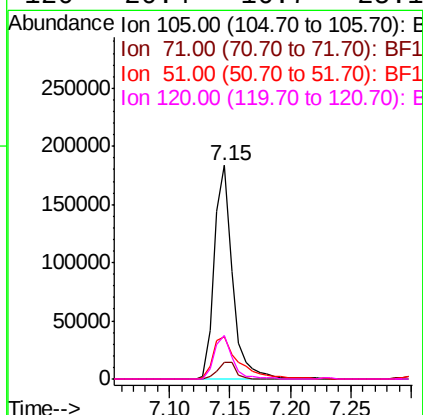
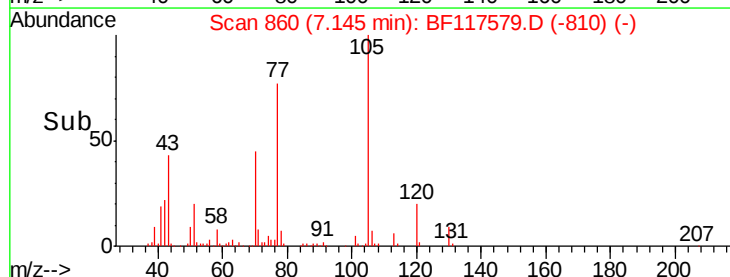
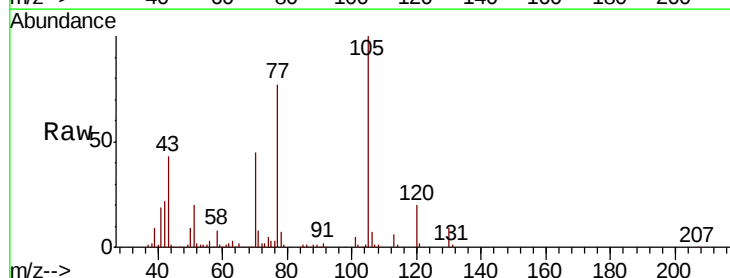
RT: 7.15 min Scan# 860

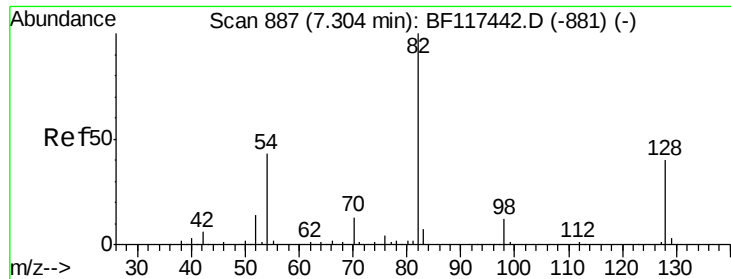
Delta R.T. -0.01 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	189675		
71	7.8	6.2	9.2	
51	20.0	21.8	32.6	
120	20.4	16.7	25.1	





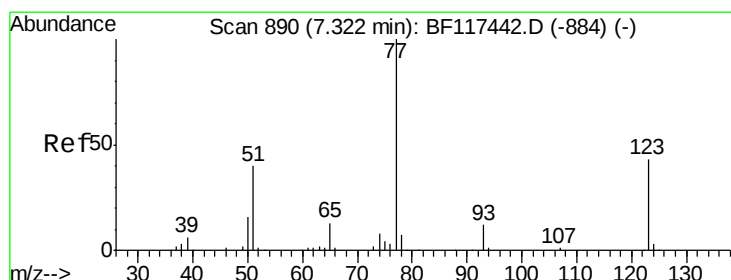
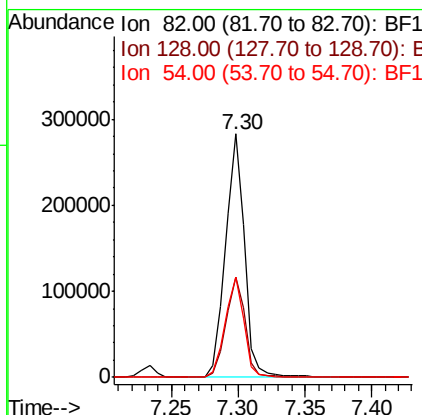
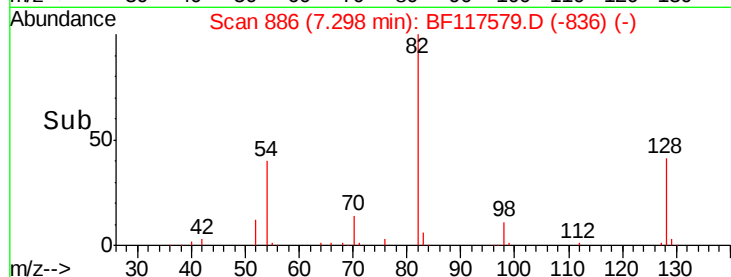
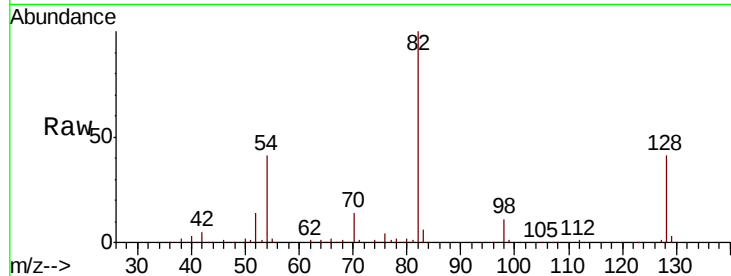
#23
Nitrobenzene-d5
Concen: 83.699 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	286759		
128	41.3		32.2	48.2
54	41.0		34.2	51.2

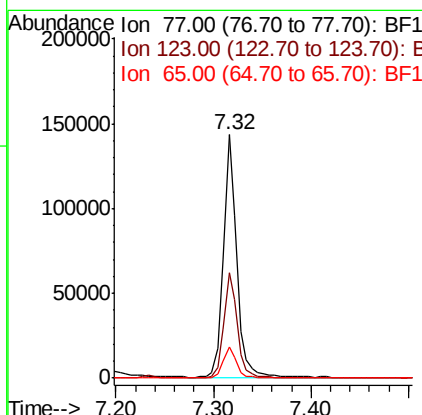
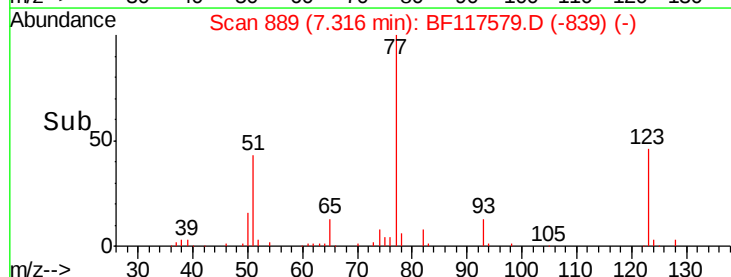
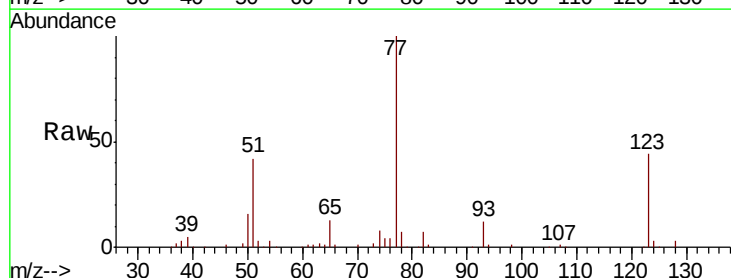
Manual Integrations
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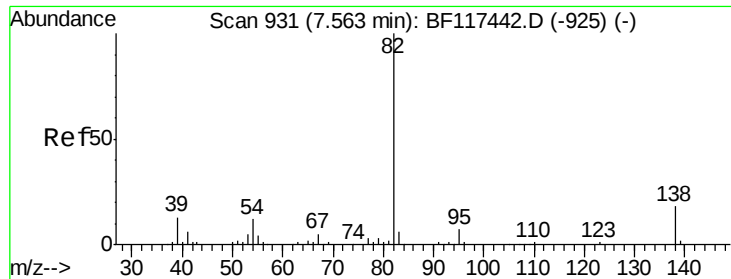
mohammad
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#24
Nitrobenzene
Concen: 41.383 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	135798		
123	43.5		34.2	51.2
65	13.0		10.3	15.5





#25

Isophorone

Concen: 40.333 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Instrument :

BNA_F

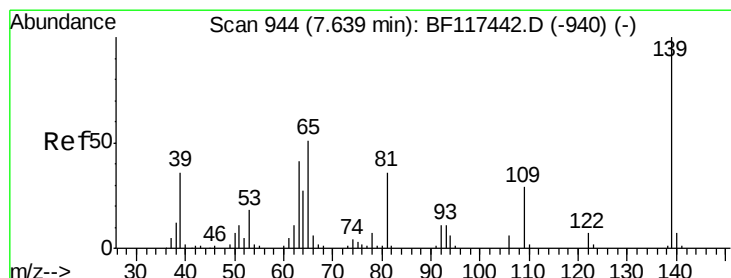
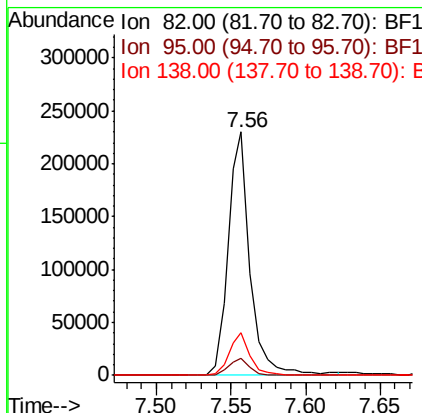
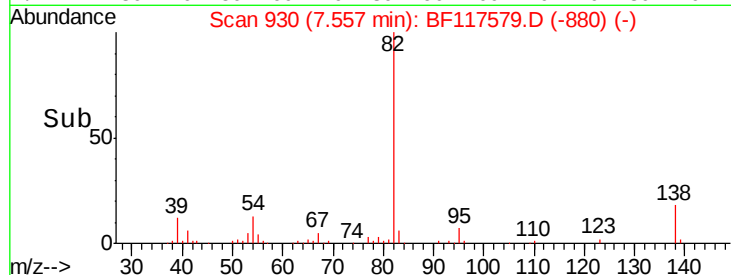
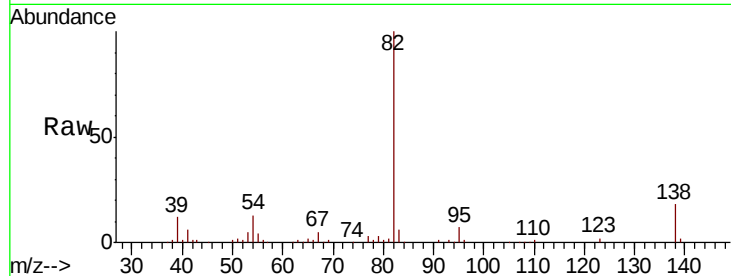
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	239048
Ion Ratio		Lower	Upper
82	100		
95	6.8	5.4	8.0
138	17.5	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 42.330 ng

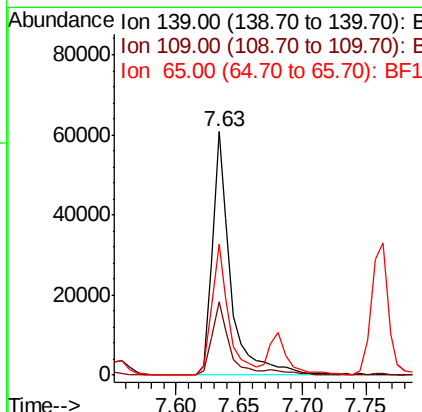
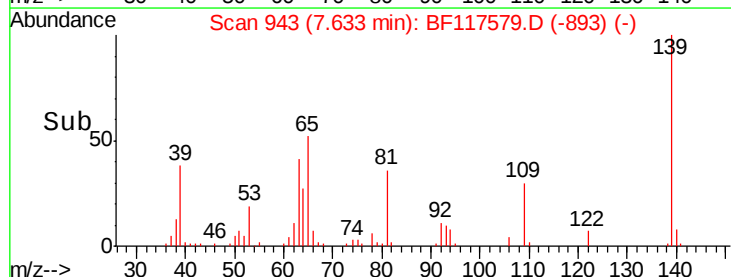
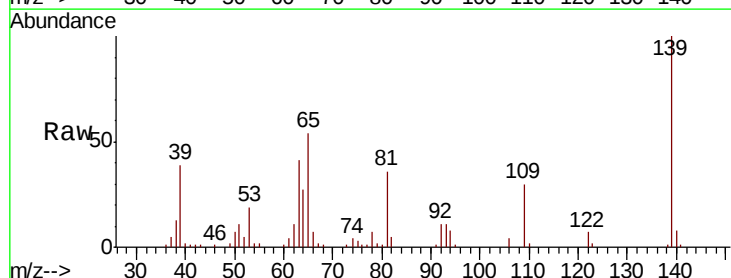
RT: 7.63 min Scan# 943

Delta R.T. -0.01 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Tgt Ion:	139	Resp:	61952
Ion Ratio		Lower	Upper
139	100		
109	30.0	23.2	34.8
65	53.7	41.1	61.7





#27

2,4-Dimethylphenol

Concen: 42.776 ng

RT: 7.68 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Instrument :

BNA_F

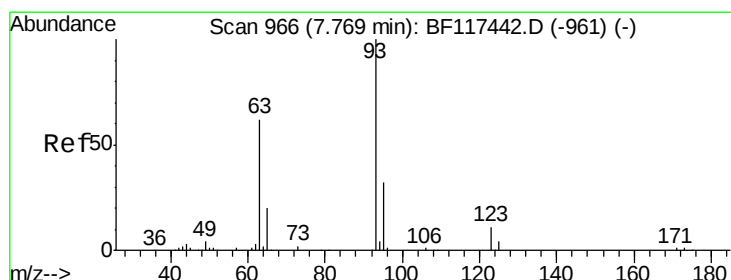
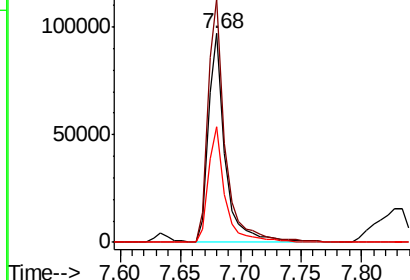
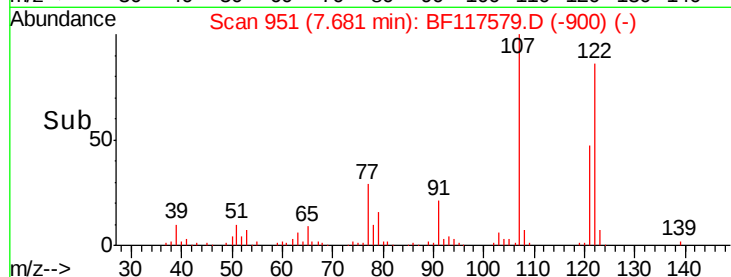
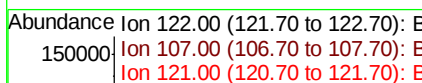
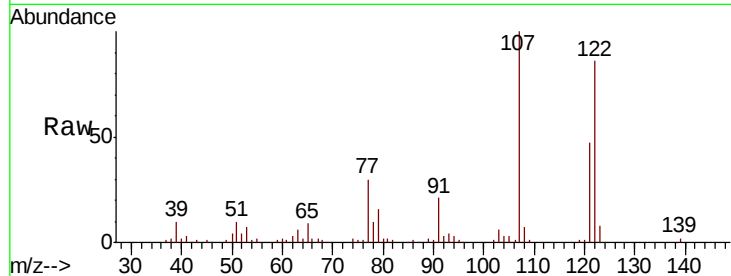
ClientSampleId :

SSTDCCC040

Tot Ion:	122	Resp:	93562
Ion Ratio	Lower	Upper	
122	100		
107	116.6	96.8	145.2
121	55.2	46.4	69.6

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#28

bis(2-Chloroethoxy)methane

Concen: 41.273 ng

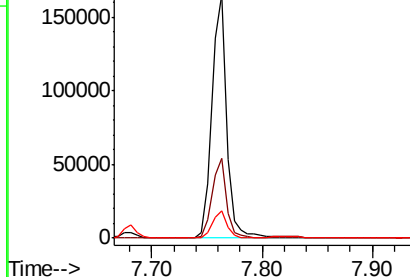
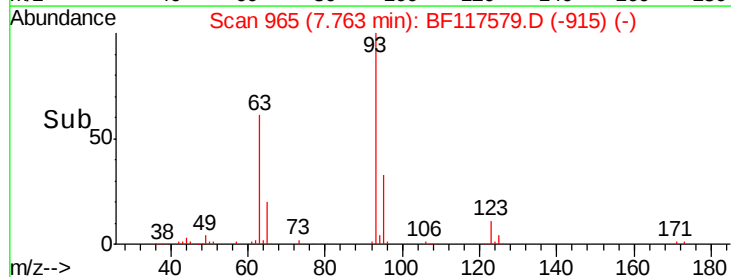
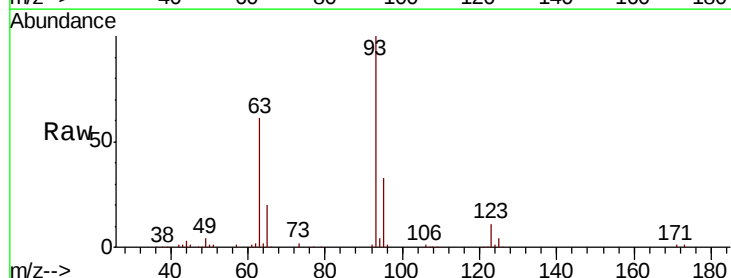
RT: 7.76 min Scan# 965

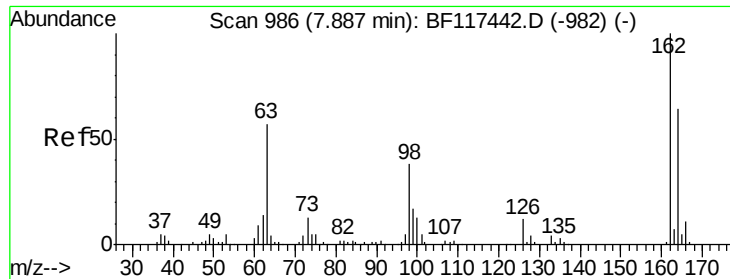
Delta R.T. -0.01 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Tgt Ion:	93	Resp:	150942
Ion Ratio	Lower	Upper	
93	100		
95	33.0	25.5	38.3
123	11.0	9.0	13.6





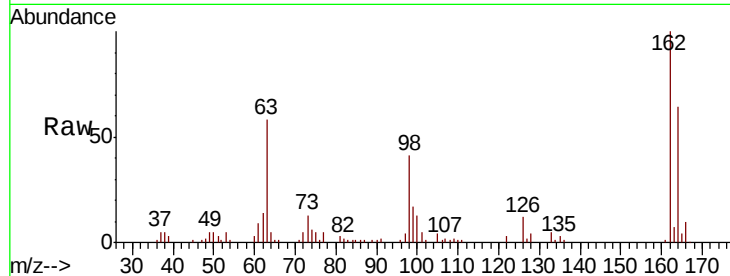
#29
 2,4-Dichlorophenol
 Concen: 41.220 ng
 RT: 7.89 min Scan# 986
 Delta R.T. -0.00 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.4	84.4
98	41.1	18.2	58.2

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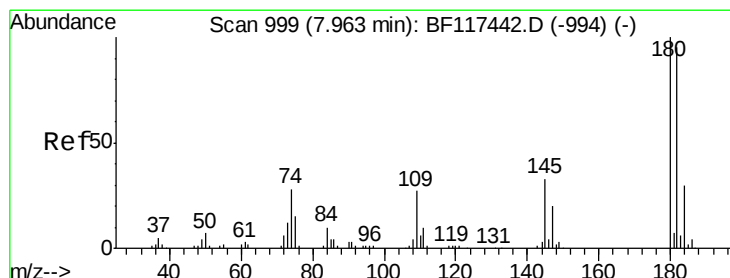
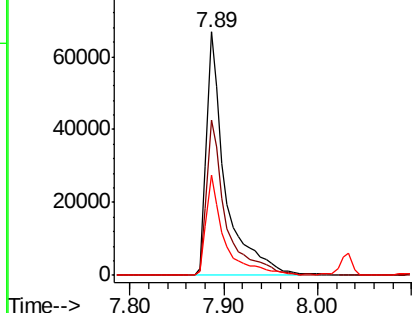
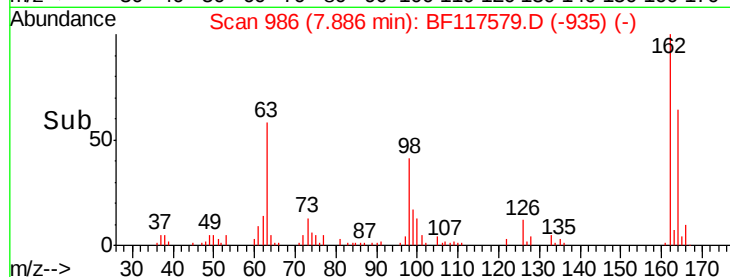


Abundance

Ion 162.00 (161.70 to 162.70): E

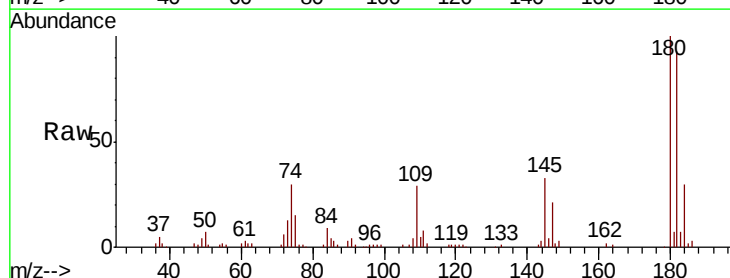
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.438 ng
 RT: 7.96 min Scan# 998
 Delta R.T. -0.01 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.0	75.8	113.8
145	33.2	26.5	39.7

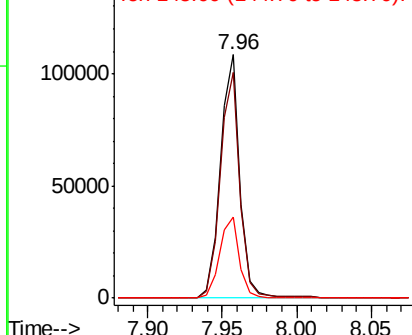
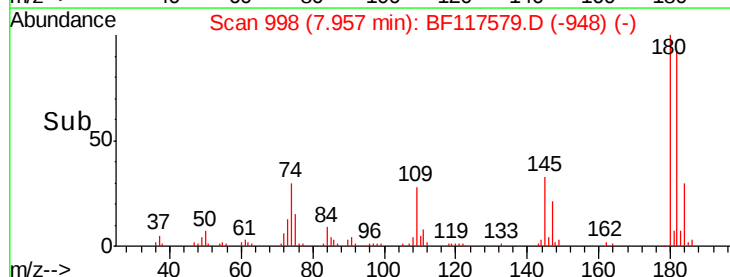


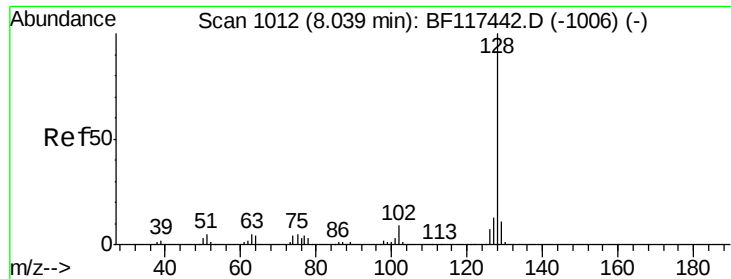
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





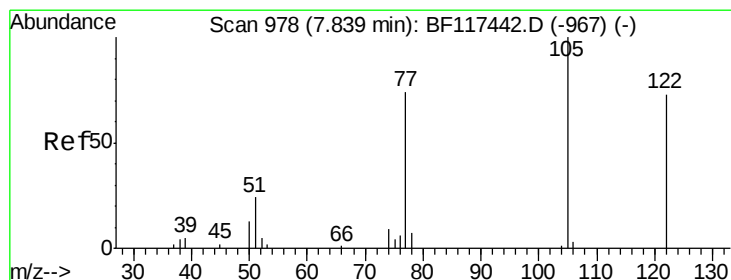
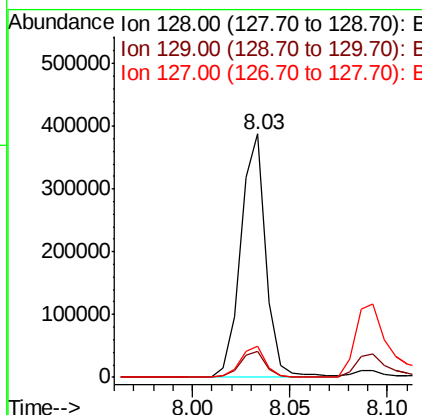
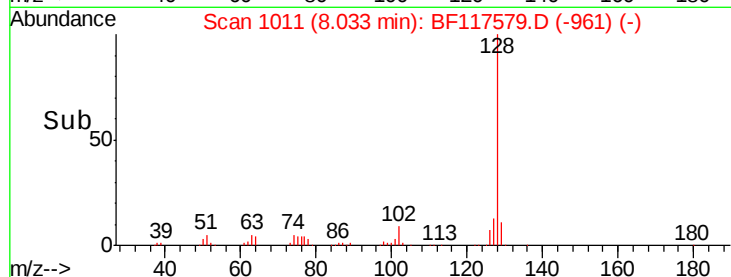
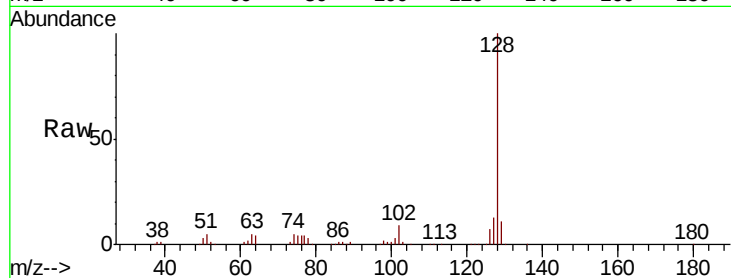
#31
Naphthalene
Concen: 41.237 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	9.0	13.4	
127	12.8	10.2	15.2	

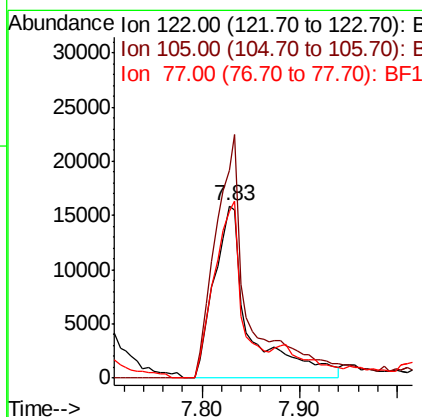
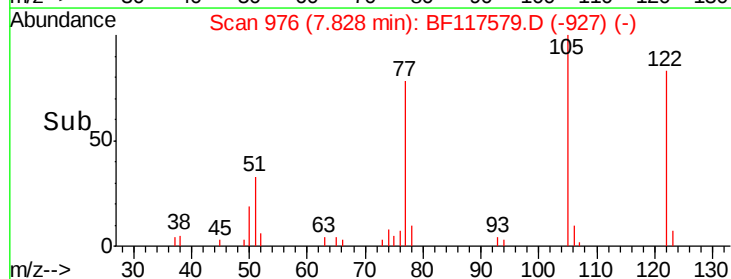
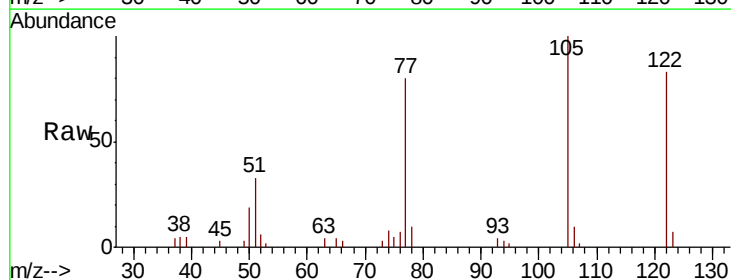
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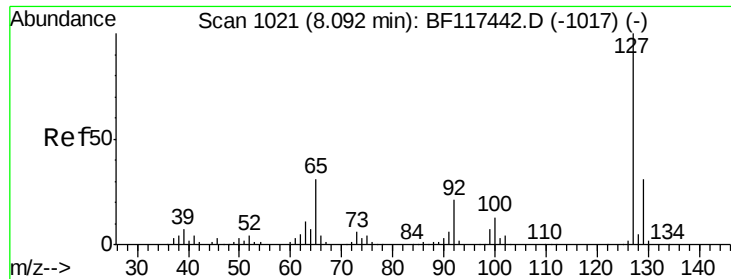
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#32
Benzoic acid
Concen: 26.636 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	120.2	115.0	155.0	
77	96.4	79.7	119.7	





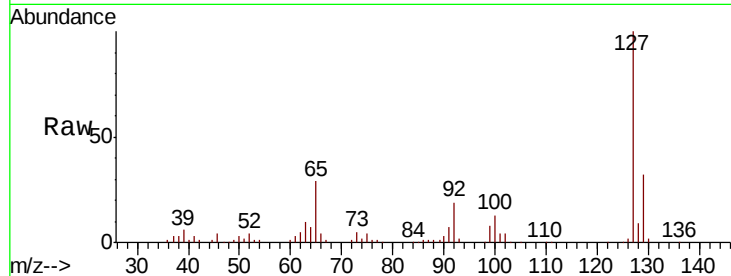
#33
4-Chloroaniline
Concen: 42.064 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	24.8	37.2	
65	28.9	24.6	37.0	
92	19.0	16.5	24.7	

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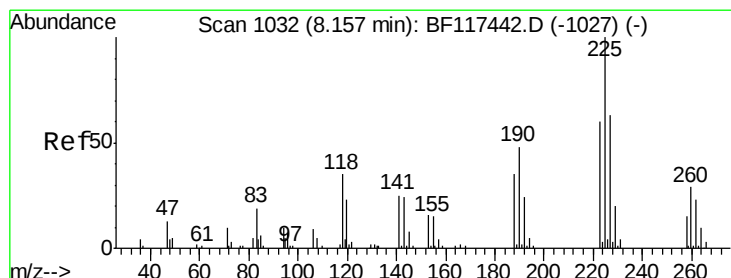
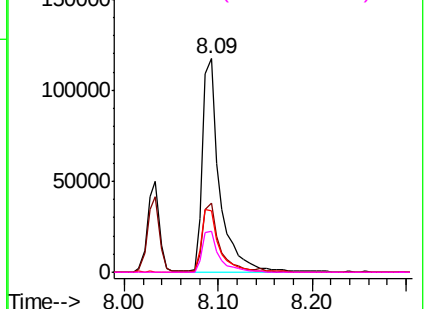
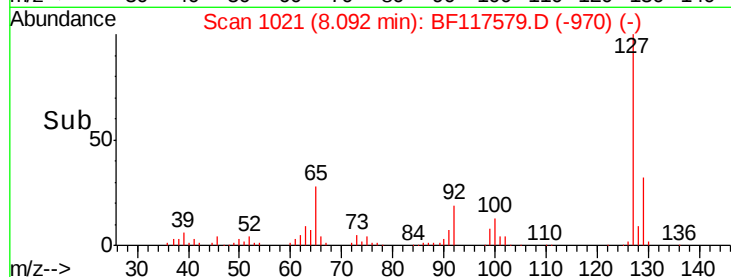
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

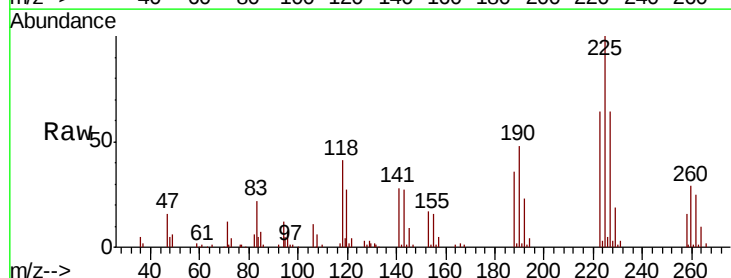
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.779 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.5	48.2	72.4	
227	63.7	50.2	75.4	

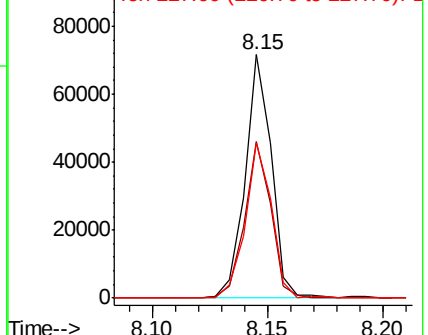
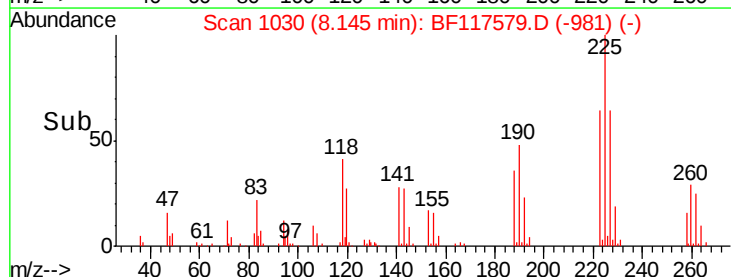


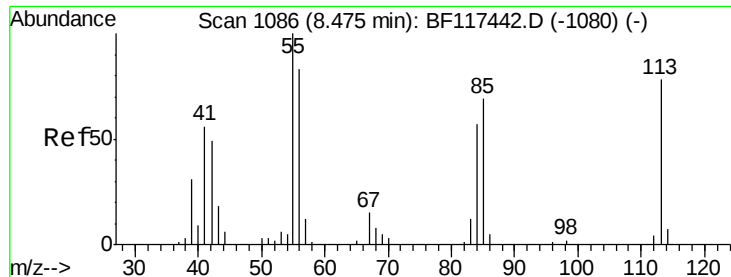
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





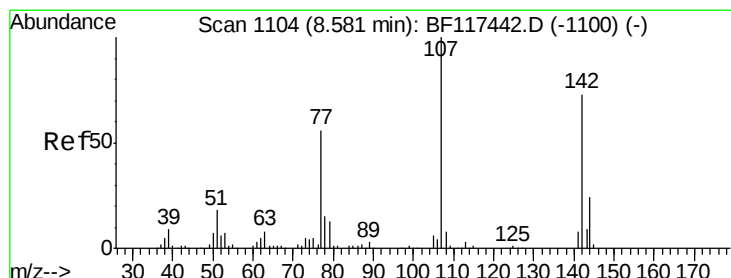
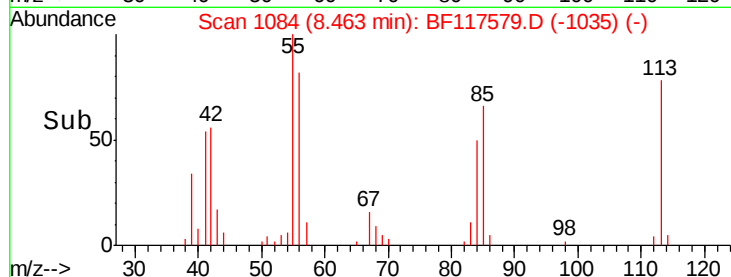
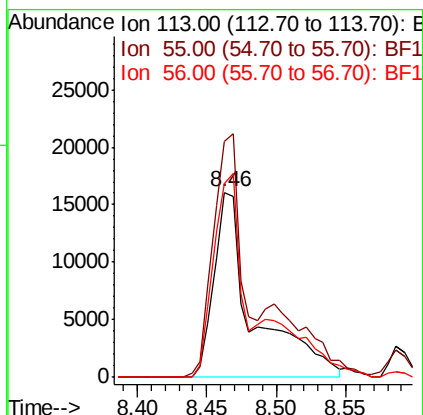
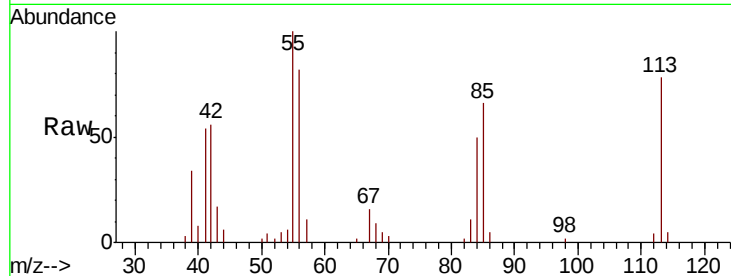
#35
Caprolactam
Concen: 43.536 ng/ml
RT: 8.46 min Scan# 1084
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	127.6	108.8	148.8	
56	104.8	87.2	127.2	

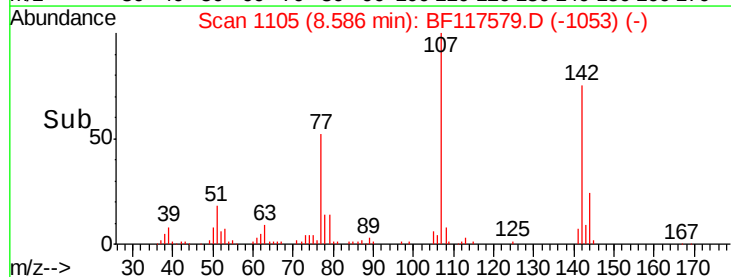
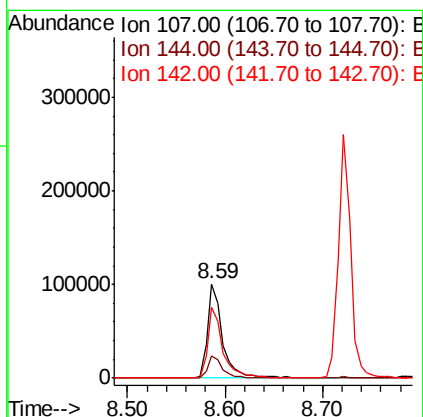
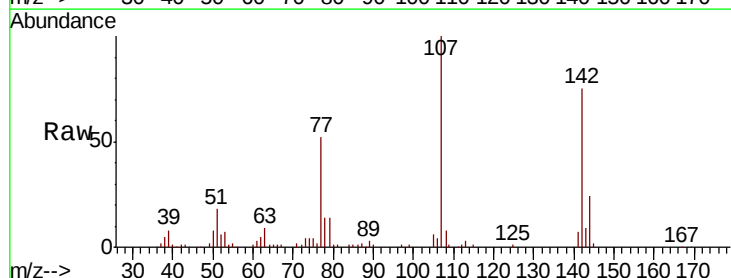
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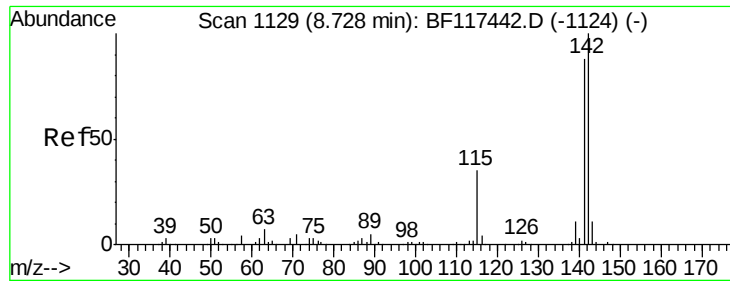
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#36
4-Chloro-3-methylphenol
Concen: 41.205 ng
RT: 8.59 min Scan# 1105
Delta R.T. 0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	23.7	18.9	28.3	
142	75.4	58.6	88.0	





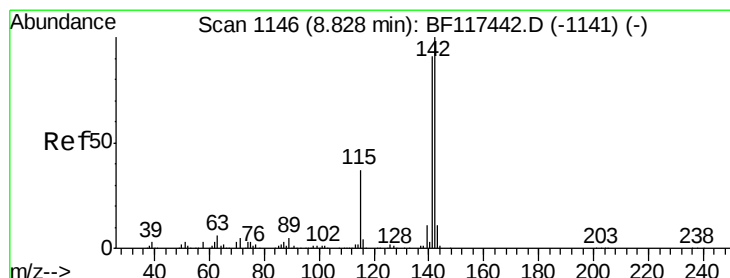
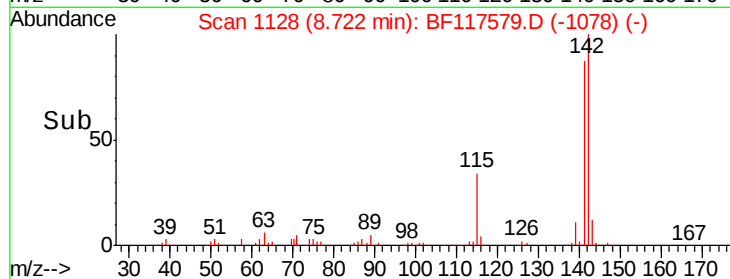
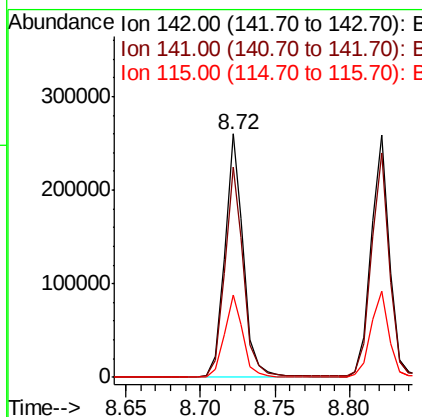
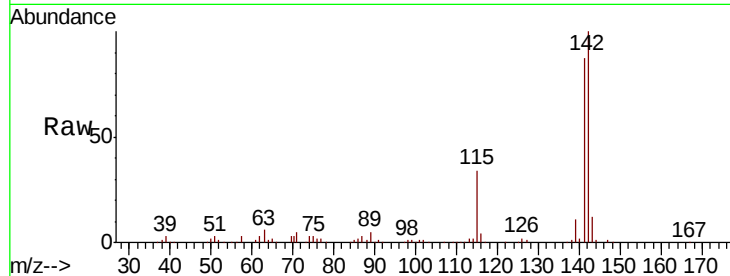
#37
2-Methylnaphthalene
Concen: 40.328 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.3	105.5
115	33.7	28.2	42.2

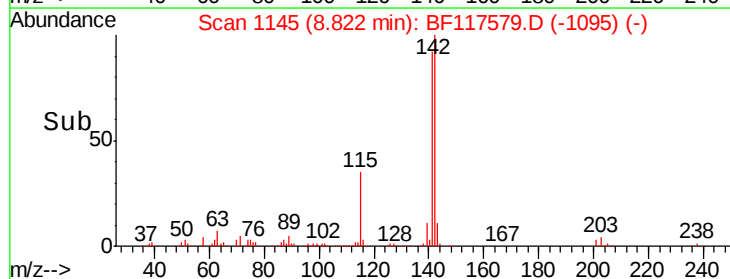
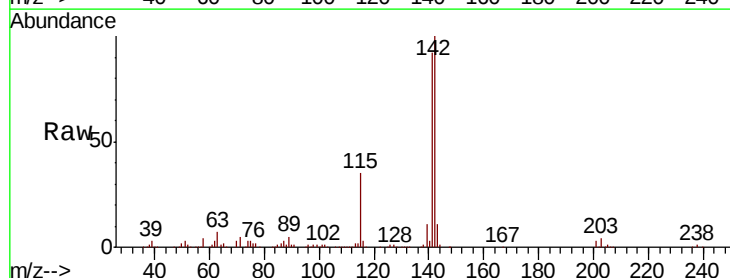
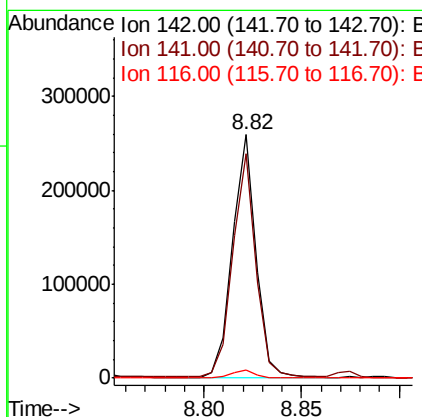
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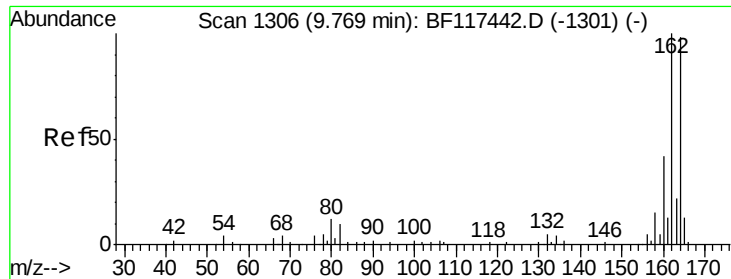
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#38
1-Methylnaphthalene
Concen: 40.651 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.3	109.9
116	3.4	3.1	4.7





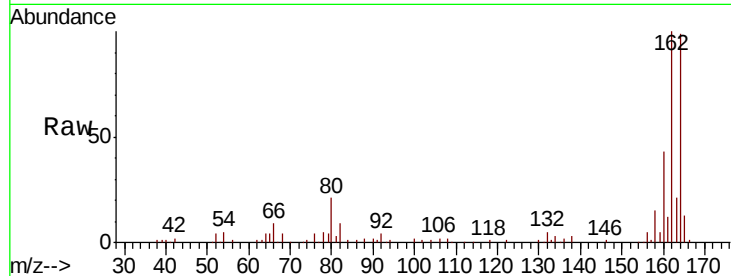
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.2	81.8	122.6
160	43.7	34.4	51.6

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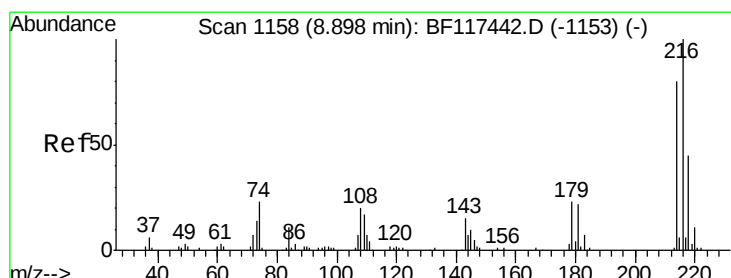
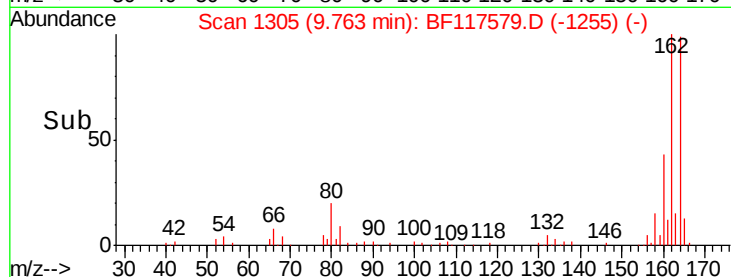
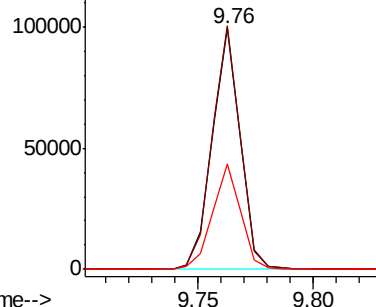


Abundance

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: 42.312 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.5	62.4	93.6
179	22.3	18.1	27.1
108	21.1	16.6	24.8

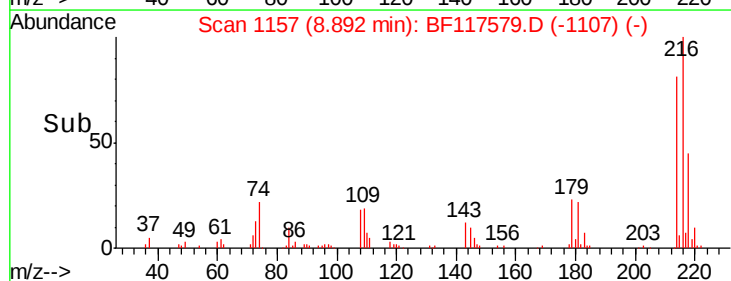
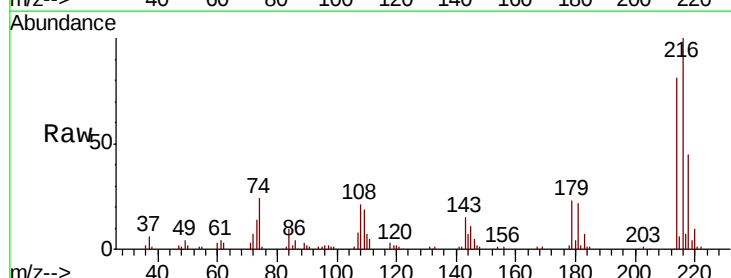
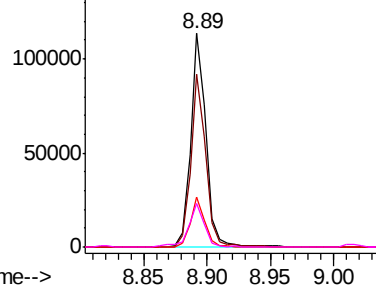
Abundance

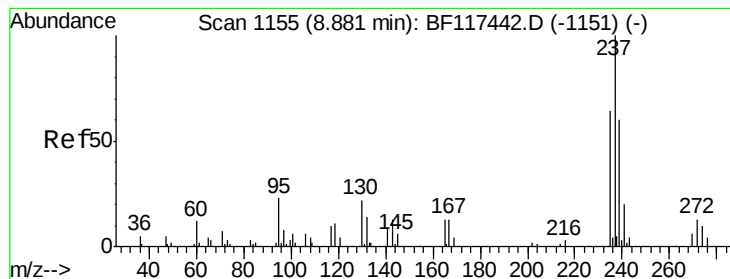
Ion 216.00 (215.70 to 216.70): E

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: 55.363 ng

RT: 8.87 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Instrument :

BNA_F

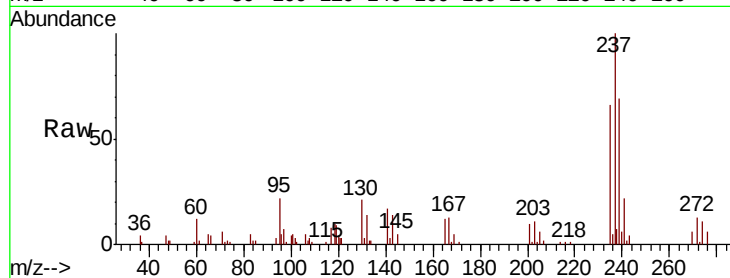
ClientSampleId :

SSTDCCC040

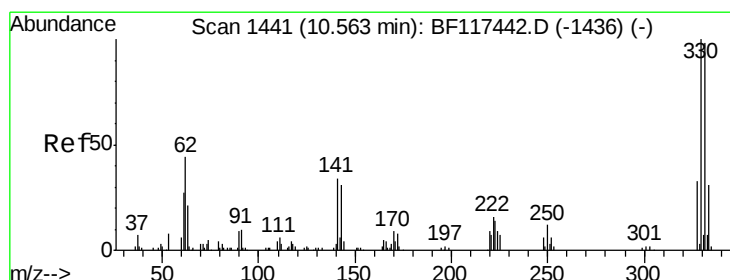
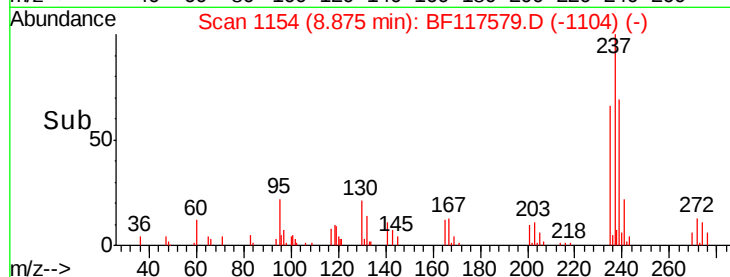
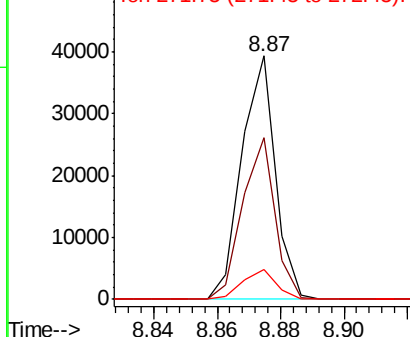
Tot Ion:	237	Resp:	28639
Ion Ratio	Lower	Upper	
237	100		
235	66.2	44.3	84.3
272	12.5	0.0	33.2

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



#42

2,4,6-Tribromophenol

Concen: 77.699 ng

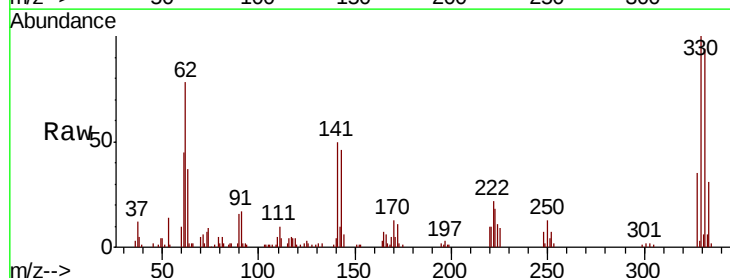
RT: 10.56 min Scan# 1440

Delta R.T. -0.01 min

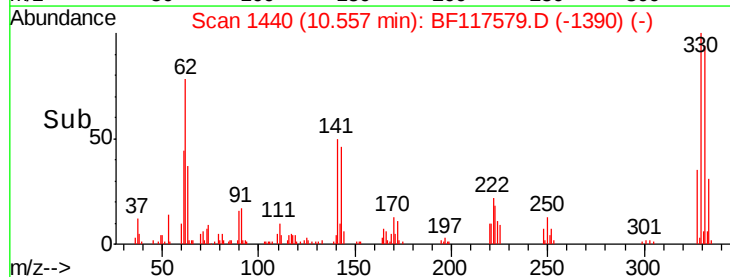
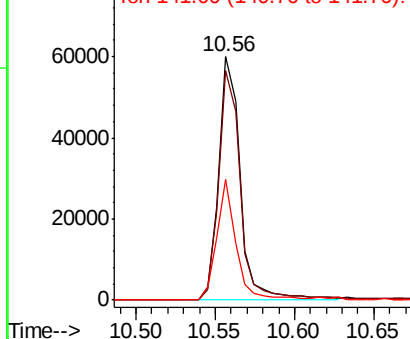
Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Tgt Ion:	330	Resp:	56770
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.5	117.7
141	44.5	37.0	55.6



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





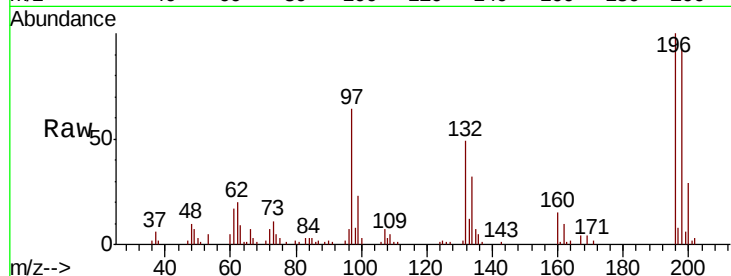
#43
 2,4,6-Trichlorophenol
 Concen: 40.422 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

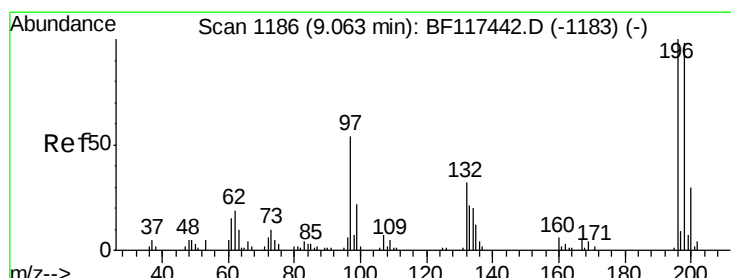
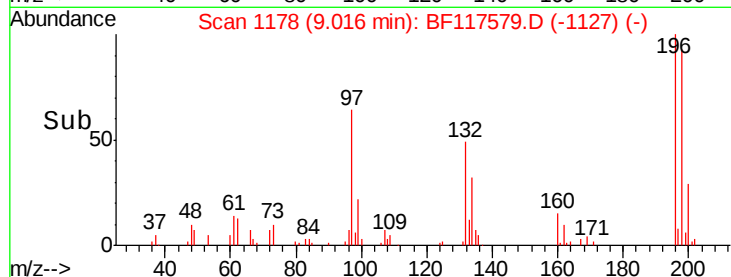
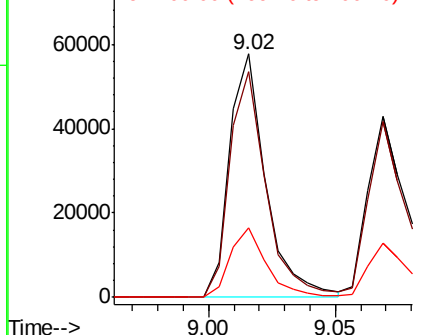
Tot Ion:	196	Resp:	57571
Ion Ratio	Lower	Upper	
196	100		
198	92.8	74.1	111.1
200	28.5	23.9	35.9

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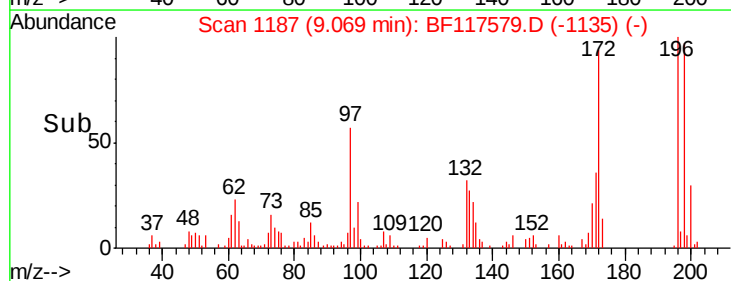
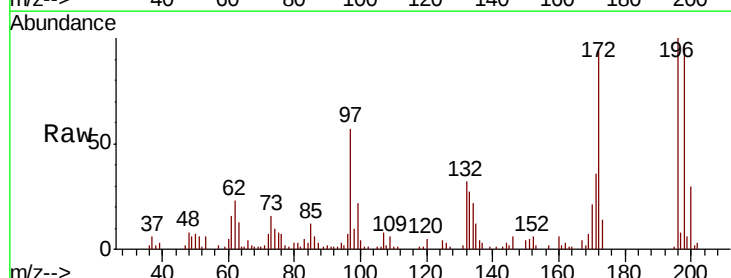
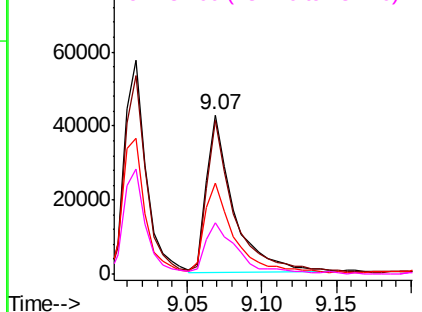
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

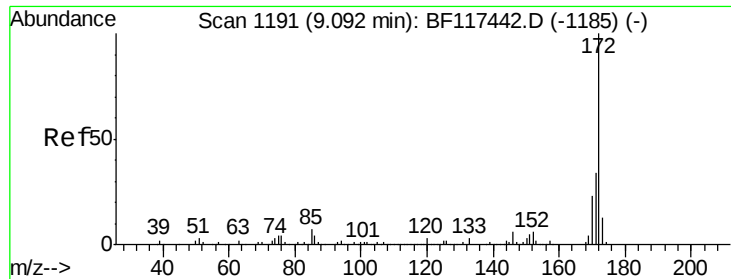


#44
 2,4,5-Trichlorophenol
 Concen: 36.975 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. 0.01 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Tgt Ion:	196	Resp:	53364
Ion Ratio	Lower	Upper	
196	100		
198	96.7	78.6	117.8
97	56.8	43.4	65.2
132	31.9	26.0	39.0

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





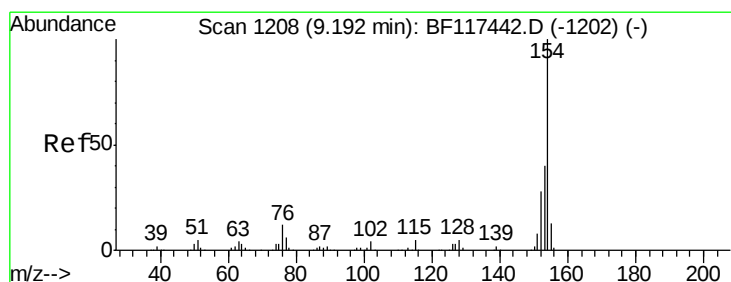
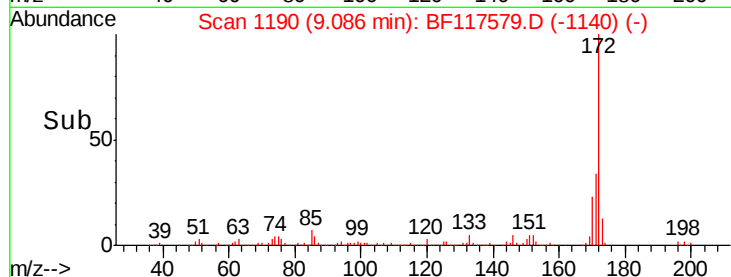
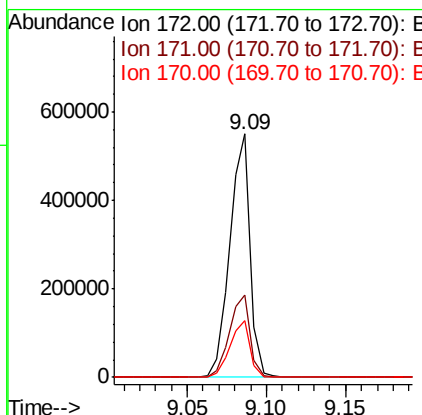
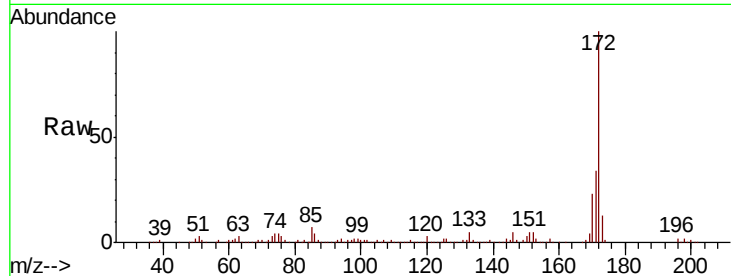
#45
2-Fluorobiphenyl
Concen: 81.418 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		487946		
171	33.9	27.5	41.3		
170	23.4	18.6	27.8		

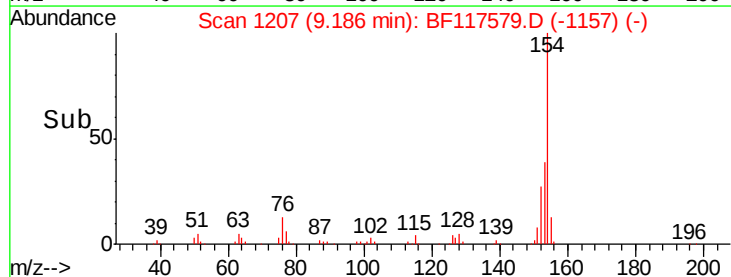
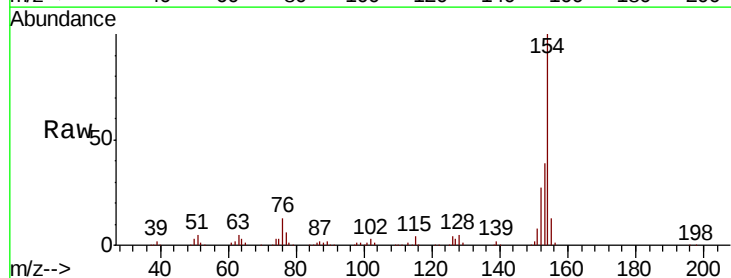
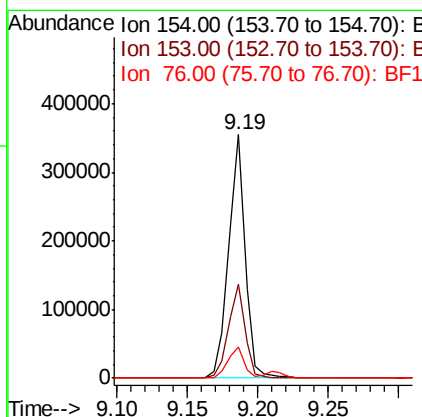
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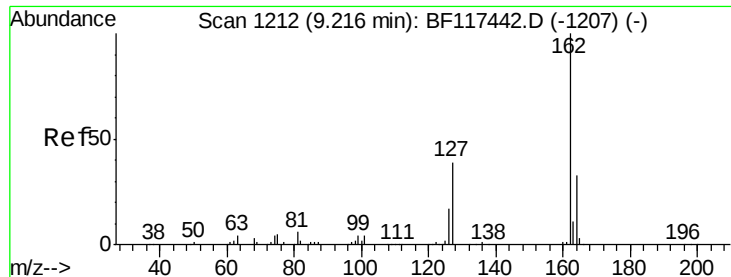
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#46
1,1'-Biphenyl
Concen: 41.540 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		290389		
153	38.6	20.2	60.2		
76	12.9	0.0	32.1		





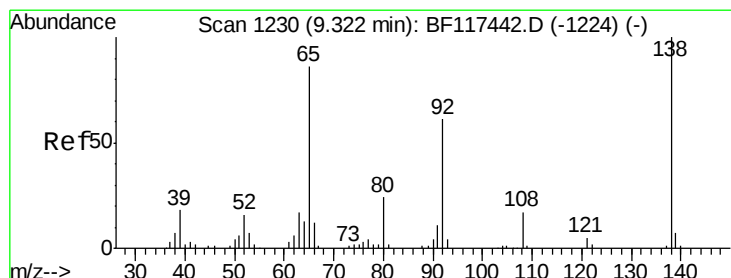
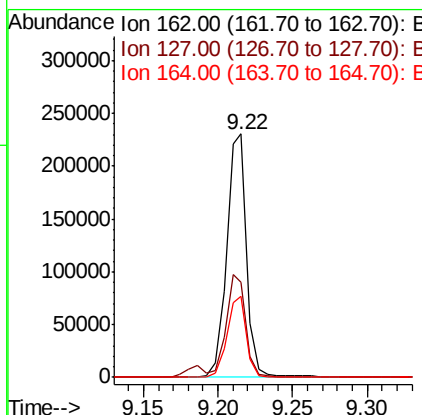
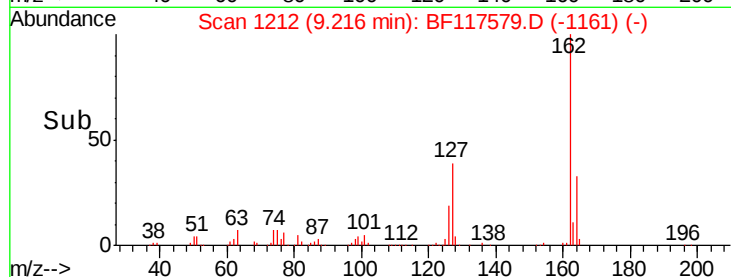
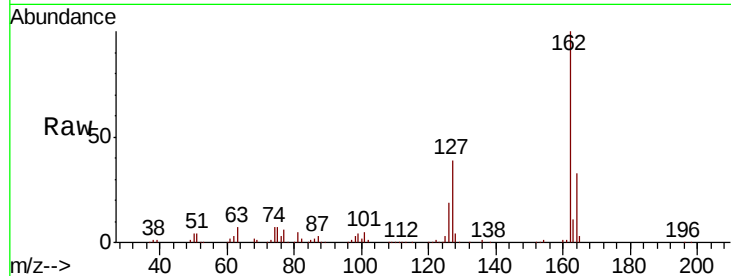
#47
 2-Chloronaphthalene
 Concen: 41.428 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100				
127	38.9	34.2	51.4		
164	33.1	26.4	39.6		

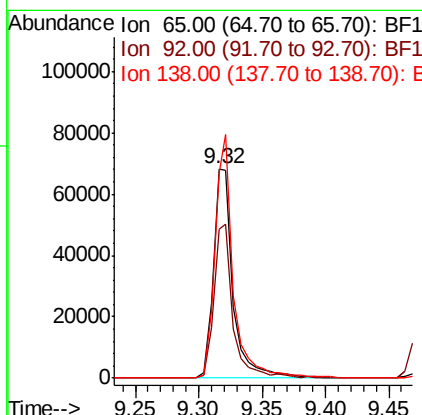
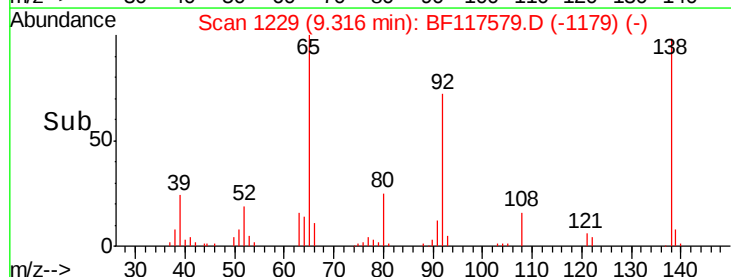
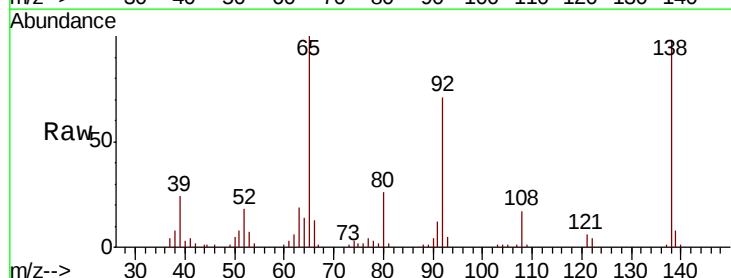
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#48
 2-Nitroaniline
 Concen: 43.525 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100				
92	71.4	57.3	85.9		
138	97.7	93.3	139.9		





#49

Acenaphthylene

Concen: 41.760 ng

RT: 9.63 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Instrument :

BNA_F

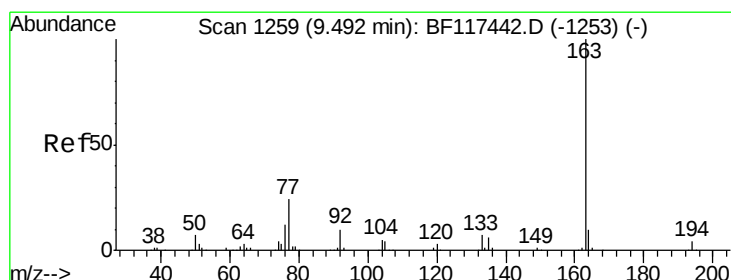
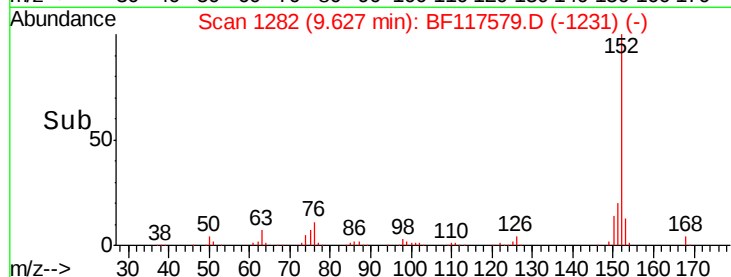
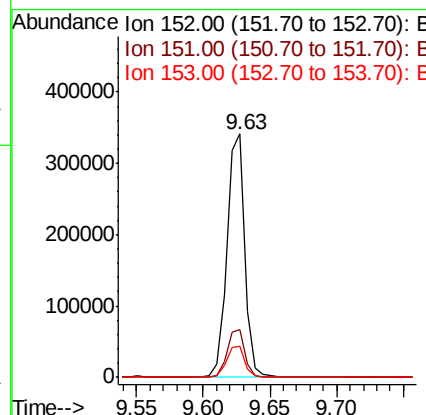
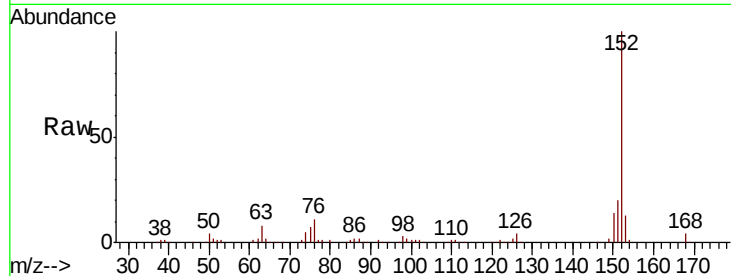
ClientSampleId :

SSTDCCC040

Tot Ion:	152	Resp:	323306
Ion Ratio	Lower	Upper	
152	100		
151	19.8	15.4	23.0
153	13.0	10.3	15.5

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#50

Dimethylphthalate

Concen: 41.463 ng

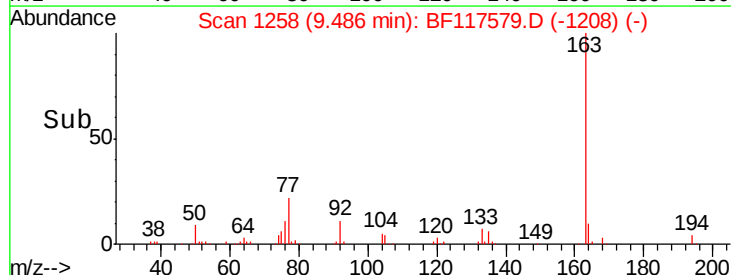
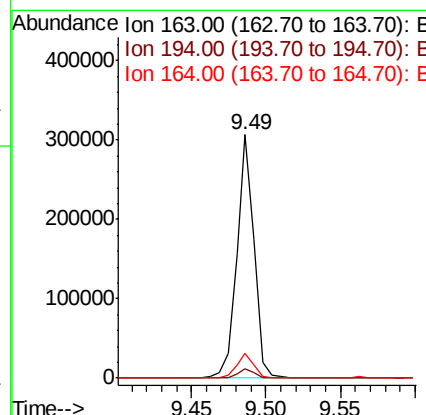
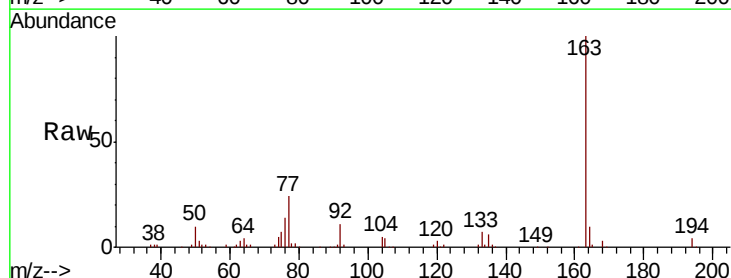
RT: 9.49 min Scan# 1258

Delta R.T. -0.01 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Tgt Ion:	163	Resp:	249599
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	10.2	8.2	12.2





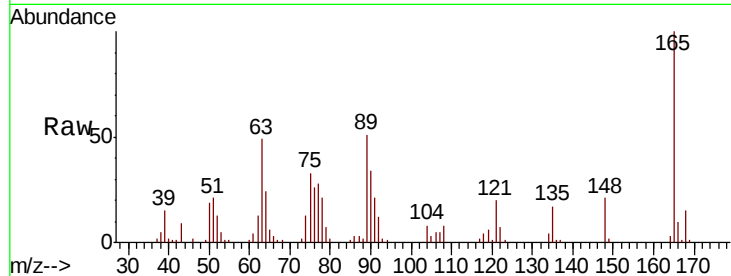
#51
2,6-Dinitrotoluene
Concen: 42.931 ng
RT: 9.56 min Scan# 1271
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	49.4	43.8	65.8
89	51.4	47.6	71.4

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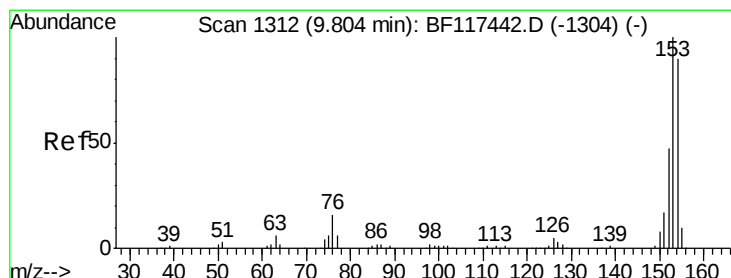
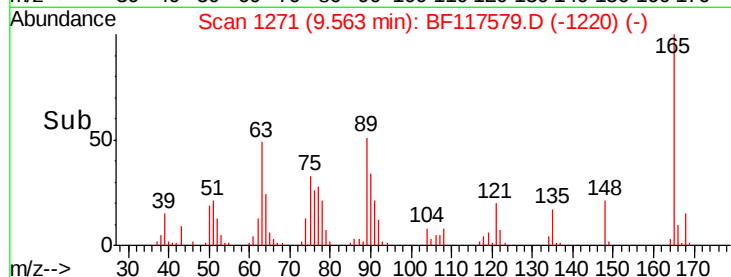
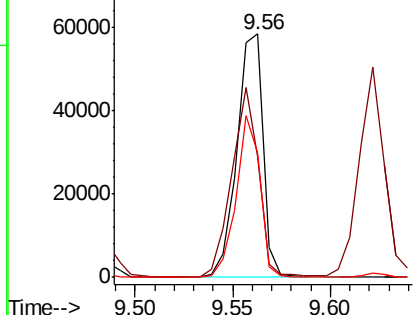


Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52
Acenaphthene
Concen: 41.058 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

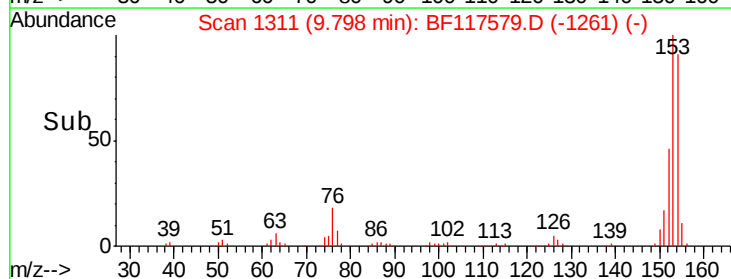
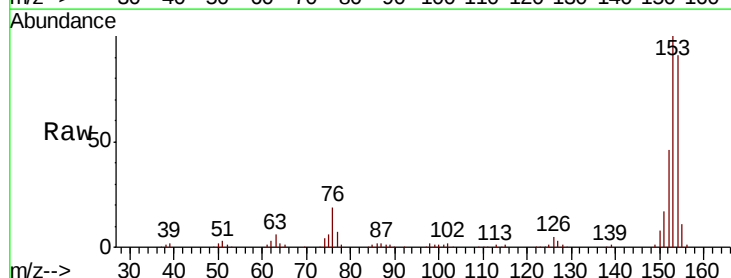
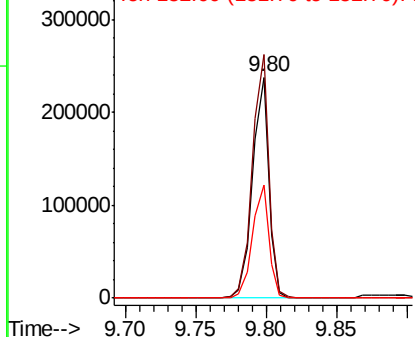
Tgt Ion	Ratio	Lower	Upper
154	100		
153	110.1	89.2	133.8
152	51.0	41.8	62.6

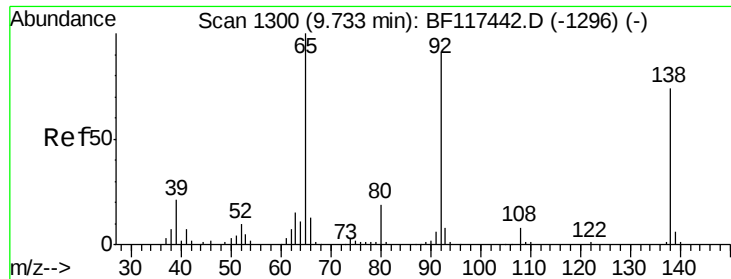
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





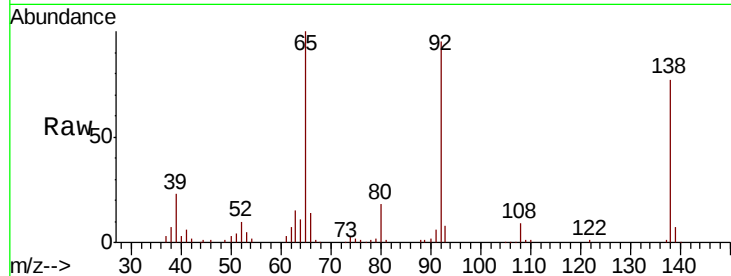
#53
3-Nitroaniline
Concen: 43.187 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	8.7	13.1
92	123.2	98.4	147.6

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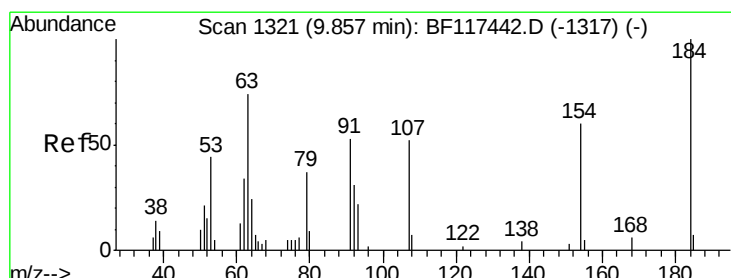
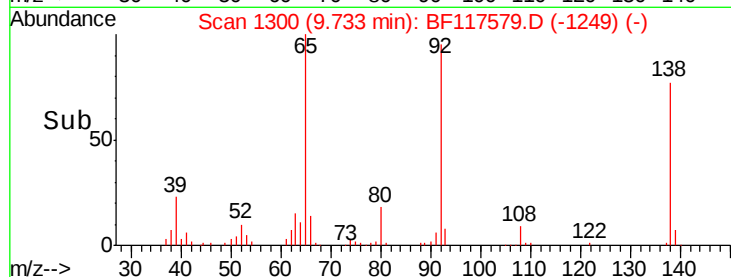
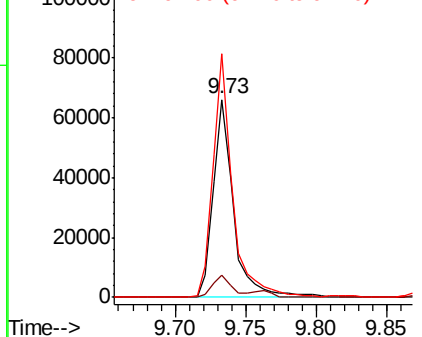


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 35.587 ng m
RT: 9.87 min Scan# 1323
Delta R.T. 0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

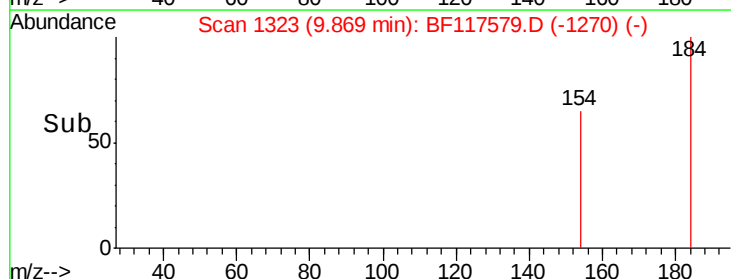
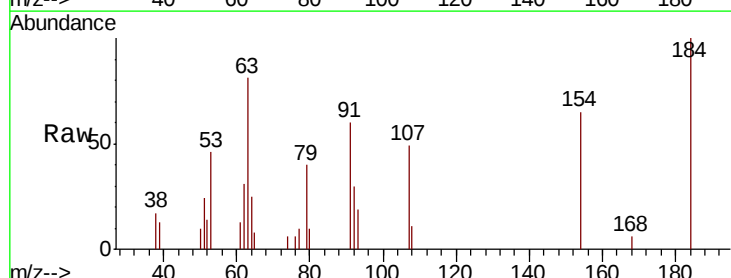
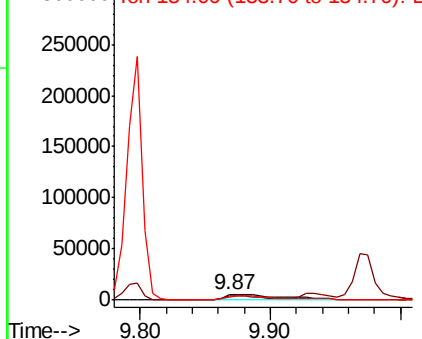
Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.7	59.2	88.8
154	65.2	53.4	80.0

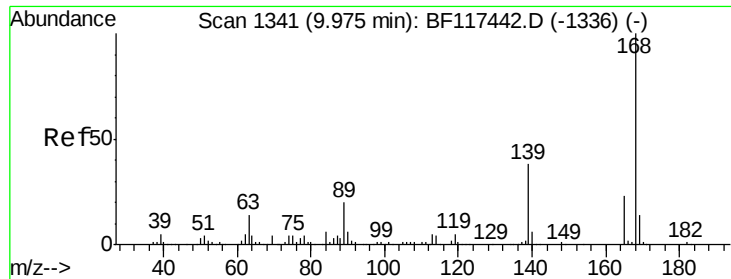
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





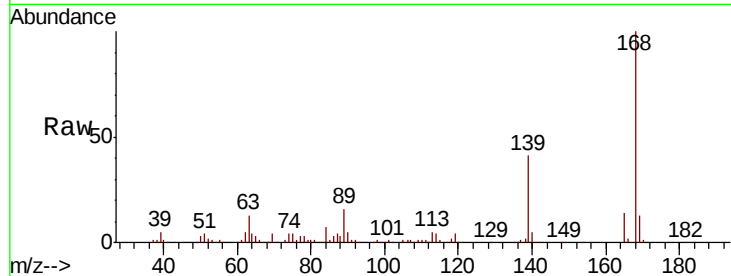
#55
Dibenzofuran
Concen: 42.468 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

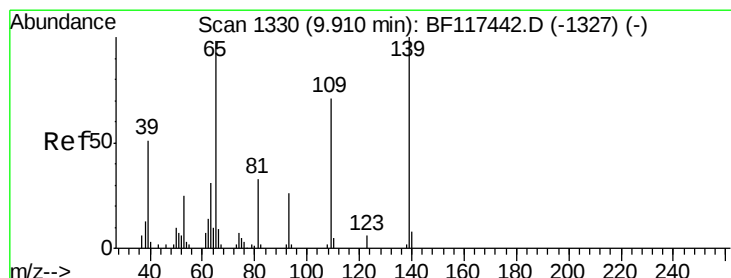
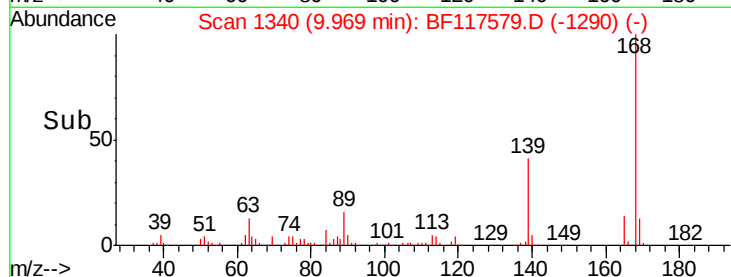
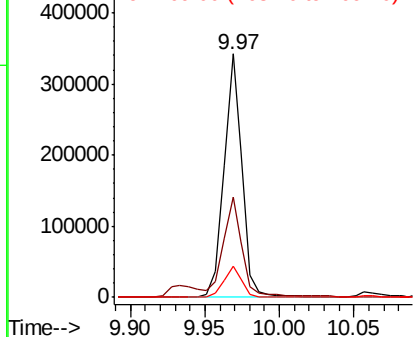
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.0	31.8	47.6
169	12.9	11.2	16.8

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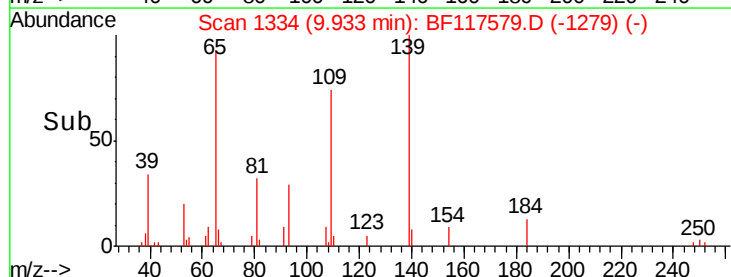
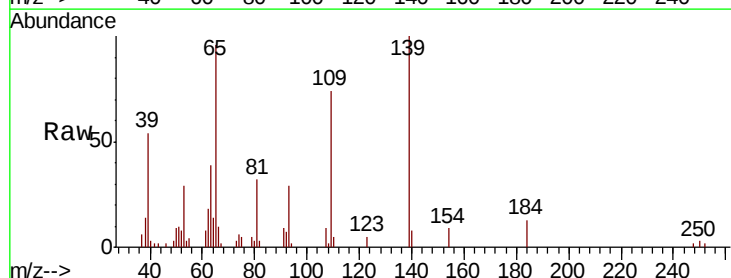
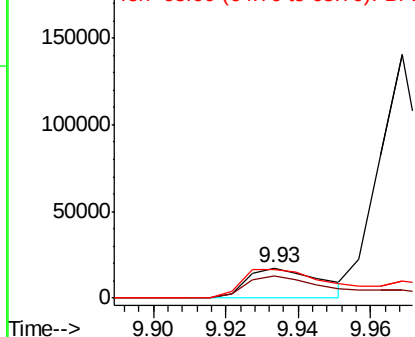
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

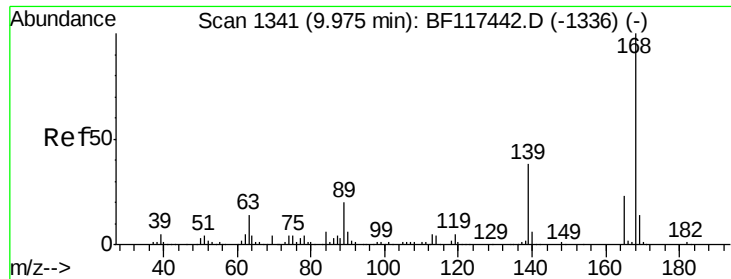


#56
4-Nitrophenol
Concen: 36.818 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.4	51.4	91.4
65	96.5	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





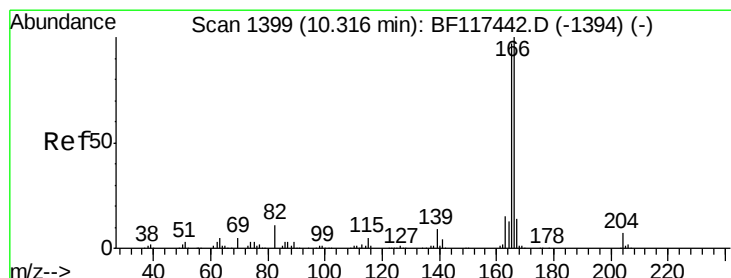
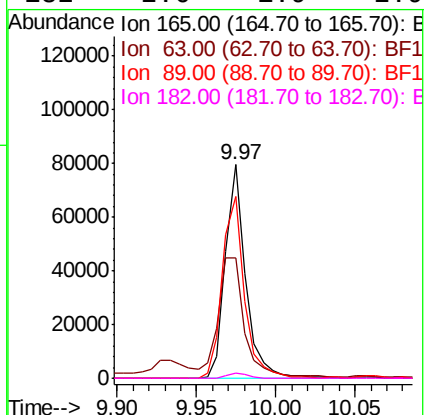
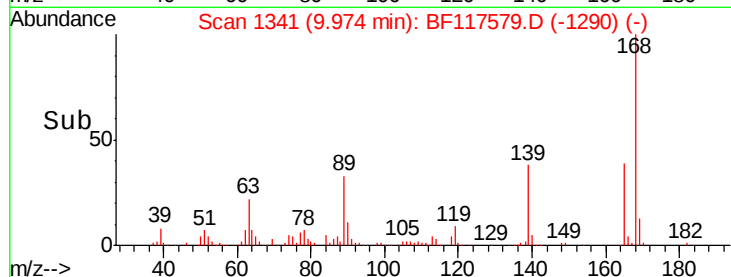
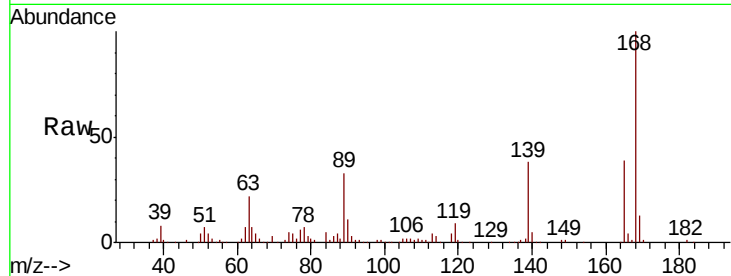
#57
2,4-Dinitrotoluene
Concen: 42.337 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.2	51.4	77.0
89	85.0	69.9	104.9
182	2.6	1.9	2.9

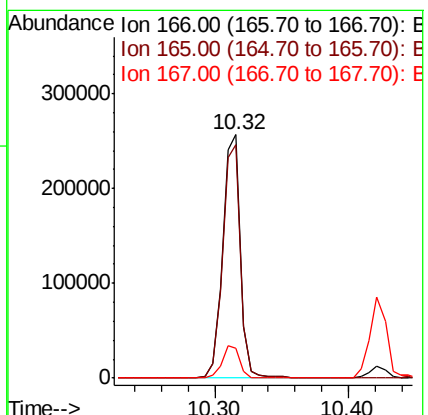
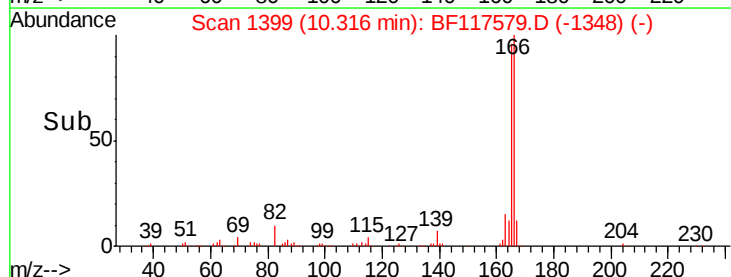
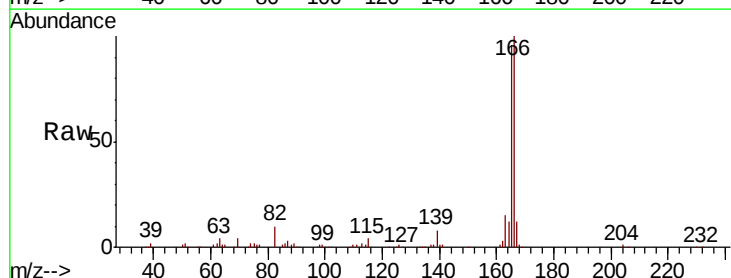
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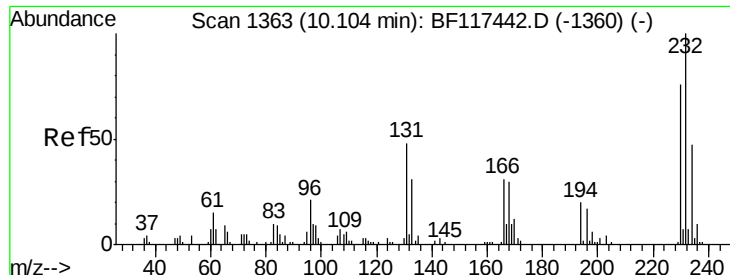
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#58
Fluorene
Concen: 42.104 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.0	77.6	116.4
167	12.5	11.0	16.4





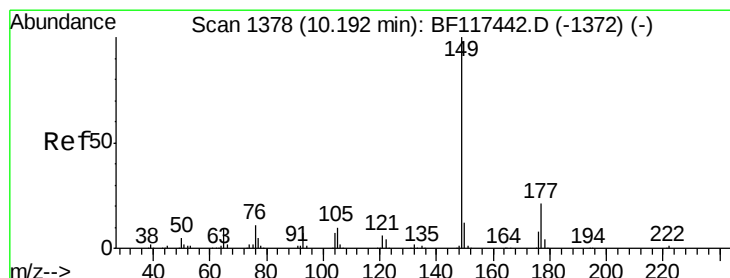
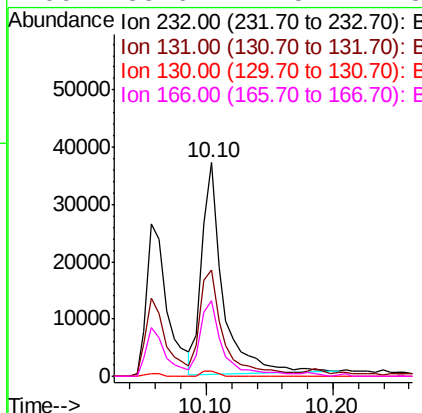
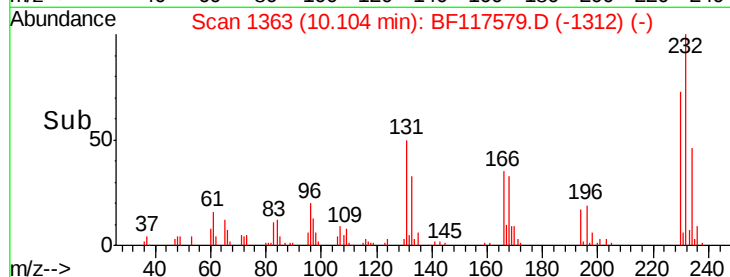
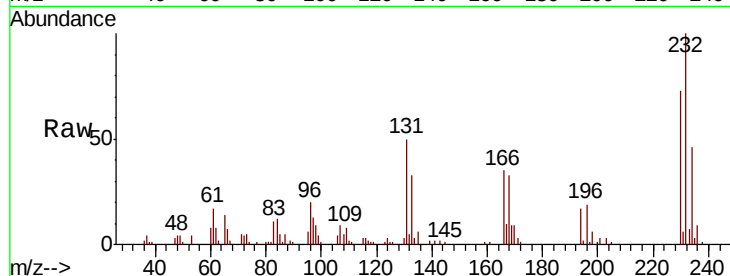
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.518 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	55.3	42.6	63.8
130	2.0	2.2	3.4
166	35.6	27.5	41.3

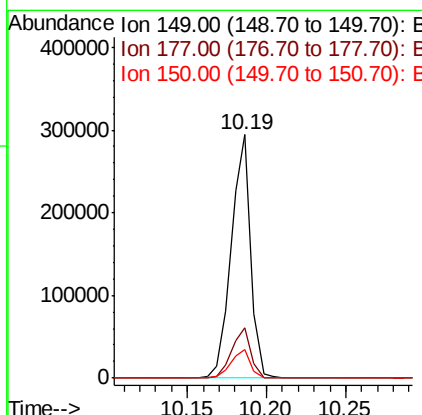
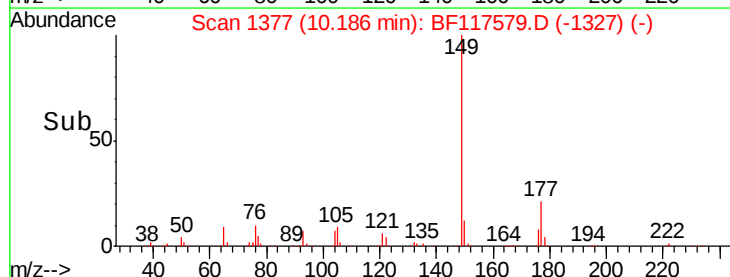
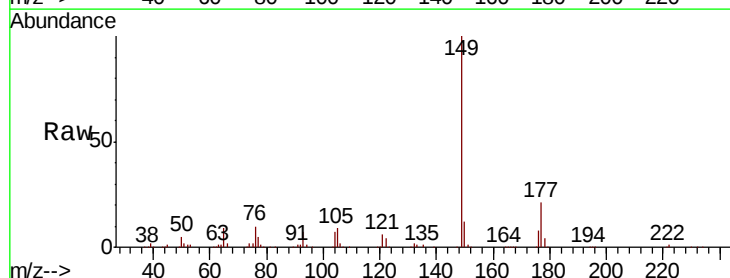
Manual Integrations
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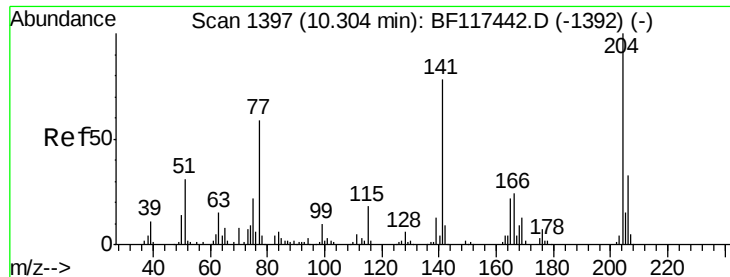
mohammad
10/30/2019 4:52:30 PM



#60
Diethylphthalate
Concen: 41.018 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.8	17.0	25.4
150	11.9	9.8	14.6





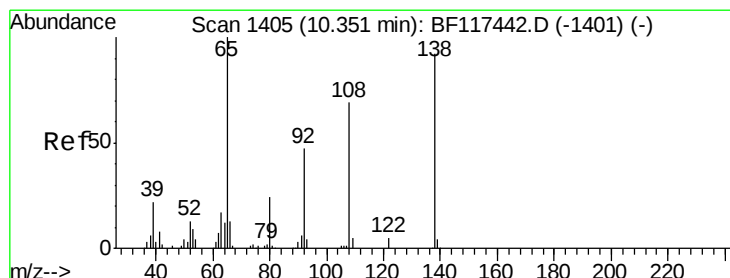
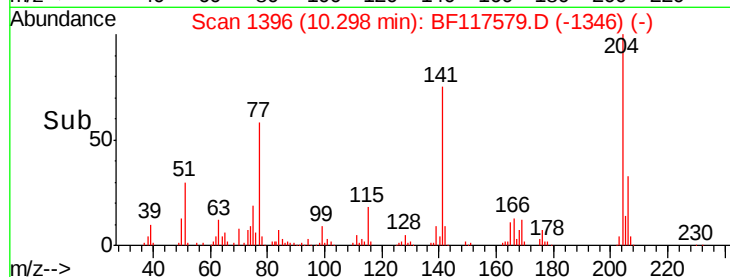
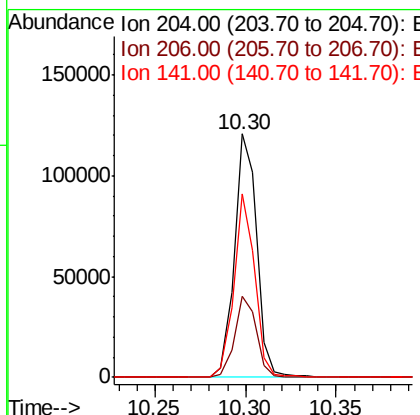
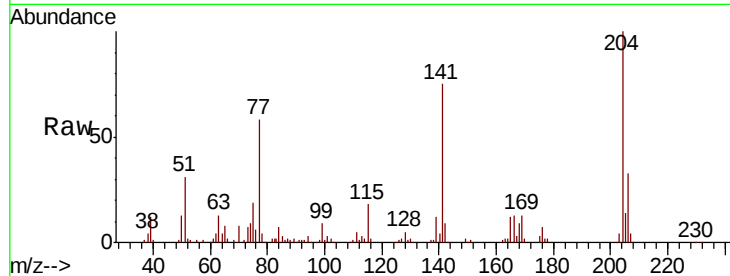
#61
4-Chlorophenyl-phenylether
Concen: 40.484 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.3	39.5
141	75.2	62.2	93.4

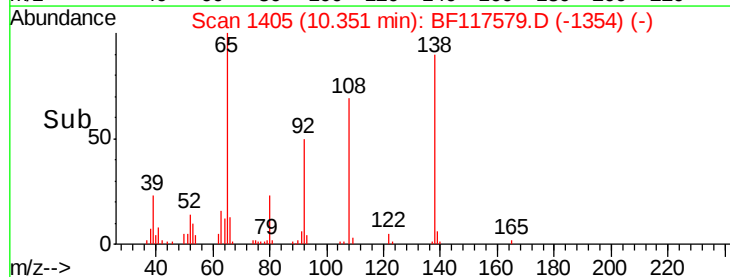
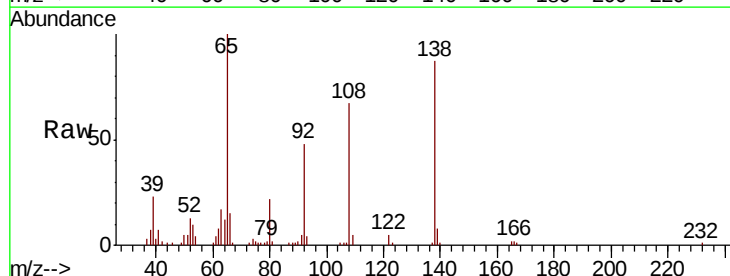
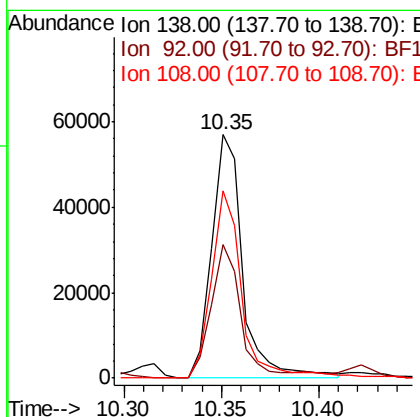
Manual Integrations
APPROVED

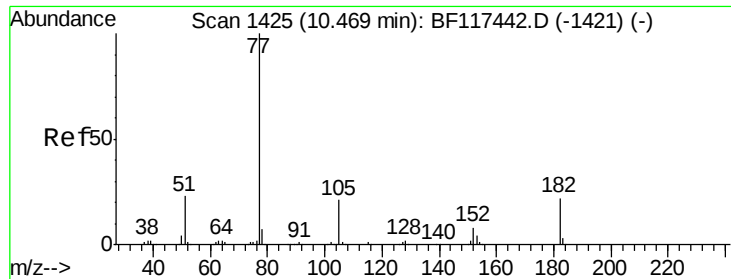
mohammad
10/30/2019 4:52:30 PM



#62
4-Nitroaniline
Concen: 43.625 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.0	30.3	70.3
108	76.8	54.9	94.9





#63

Azobenzene

Concen: 41.213 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Instrument :

BNA_F

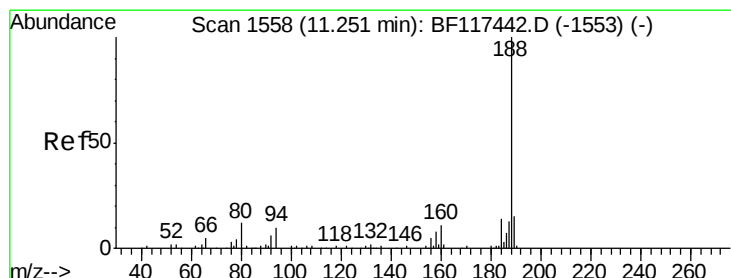
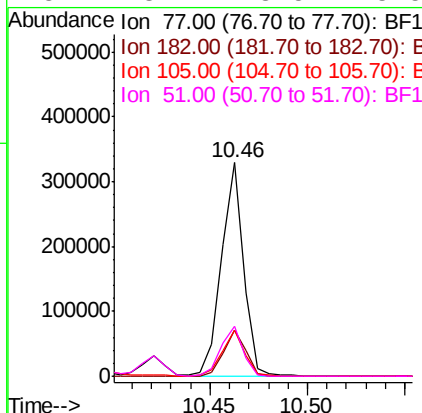
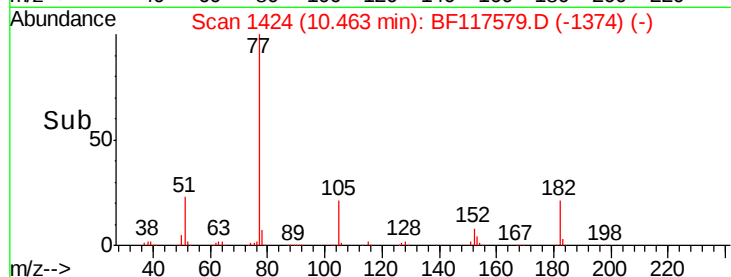
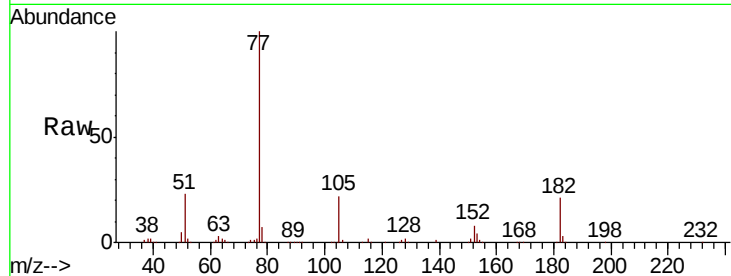
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	21.3	2.3	42.3	
105	21.7	1.3	41.3	
51	23.2	3.5	43.5	

Manual Integrations
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#64

Phenanthrene-d10

Concen: 20.000 ng

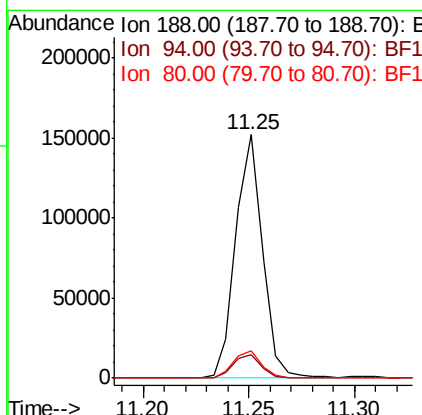
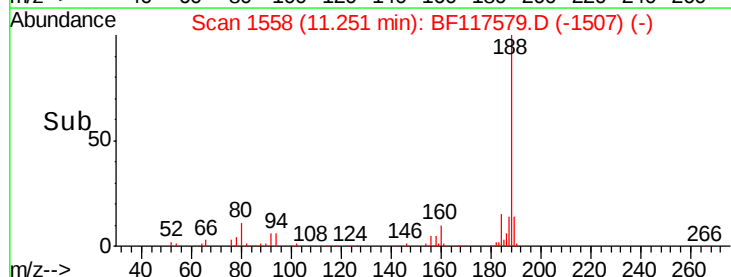
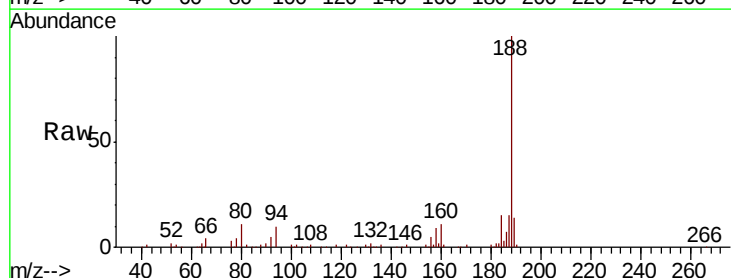
RT: 11.25 min Scan# 1558

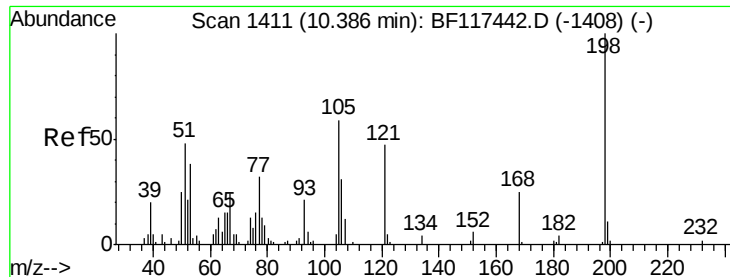
Delta R.T. -0.00 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.5	8.0	12.0	
80	11.3	9.5	14.3	





#65

4,6-Dinitro-2-methylphenol

Concen: 37.452 ng

RT: 10.39 min Scan# 1412

Delta R.T. 0.01 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:198 Resp: 25366

Ion Ratio Lower Upper

198 100

51 53.6 29.1 69.1

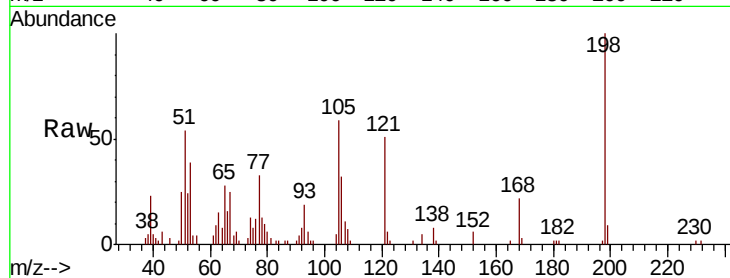
105 58.6 39.4 79.4

Manual Integrations

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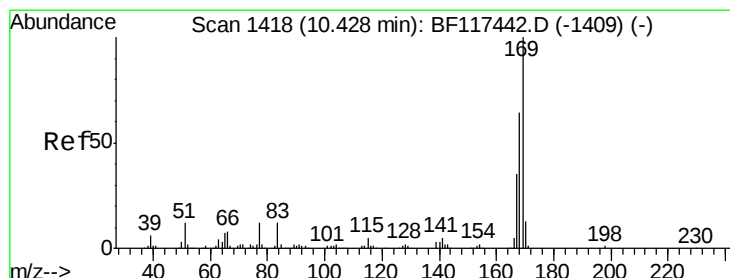
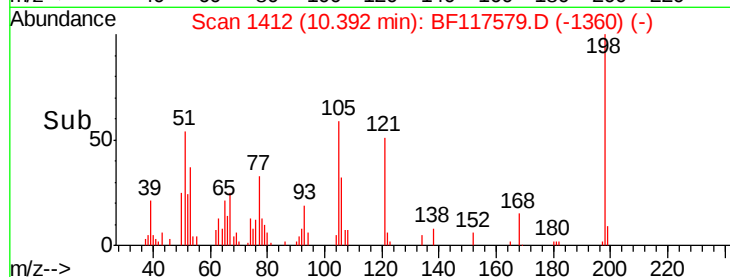
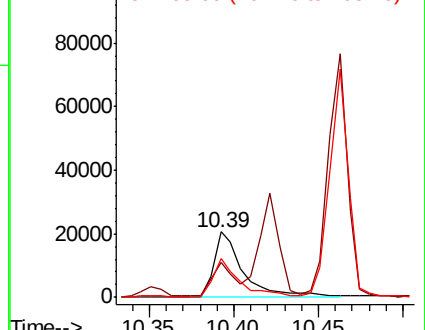
10/30/2019 4:52:30 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.522 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.01 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

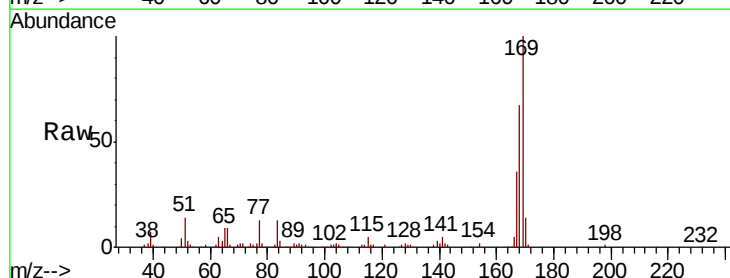
Tgt Ion:169 Resp: 202214

Ion Ratio Lower Upper

169 100

168 66.9 51.3 76.9

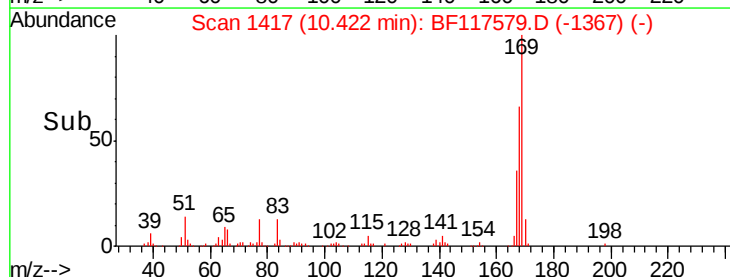
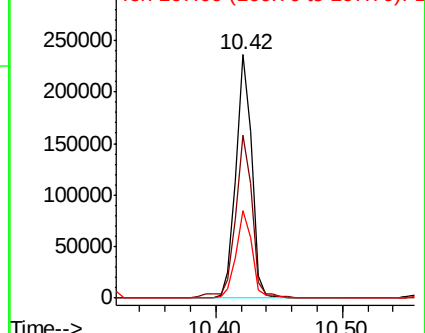
167 36.1 28.2 42.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





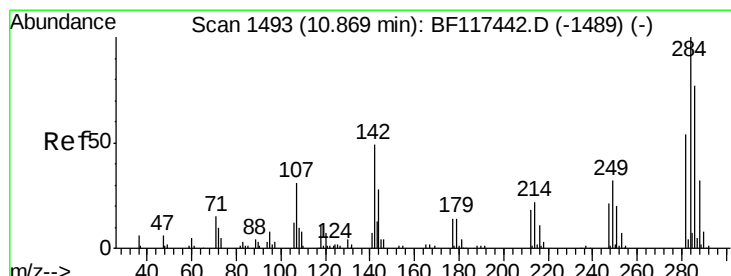
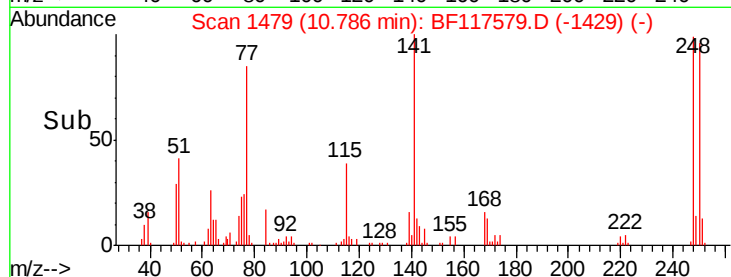
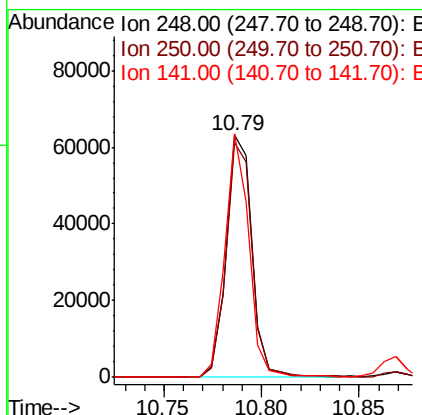
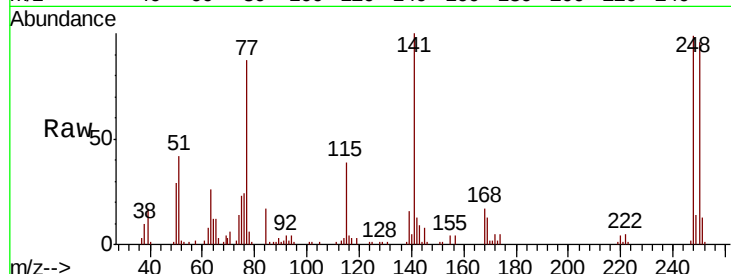
#67
 4-Bromophenyl-phenylether
 Concen: 40.118 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. -0.01 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.9	78.0	117.0
141	100.7	81.7	122.5

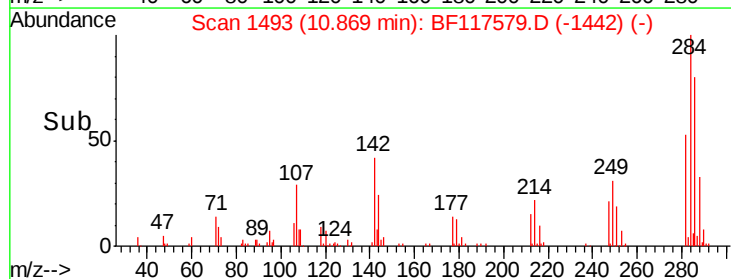
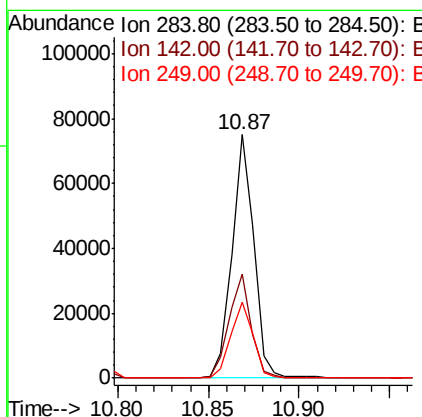
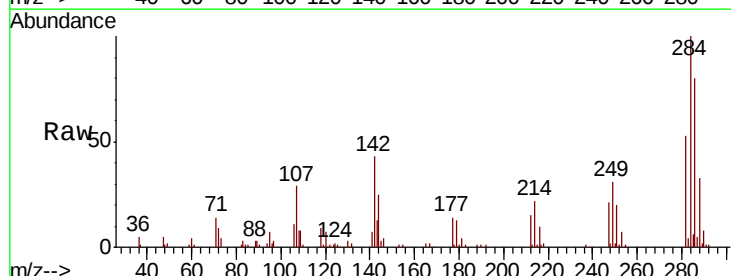
Manual Integrations
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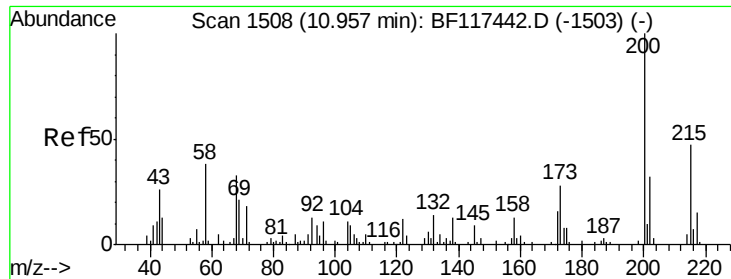
mohammad
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#68
 Hexachlorobenzene
 Concen: 41.244 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.8	39.0	58.6
249	31.1	25.7	38.5





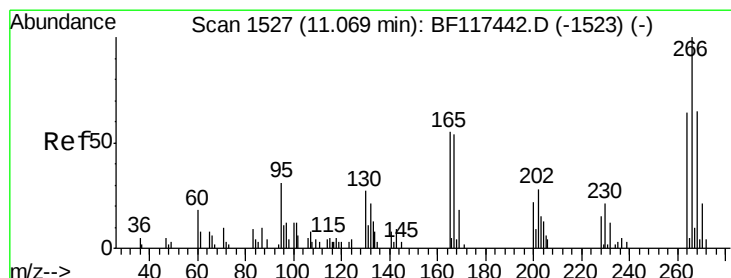
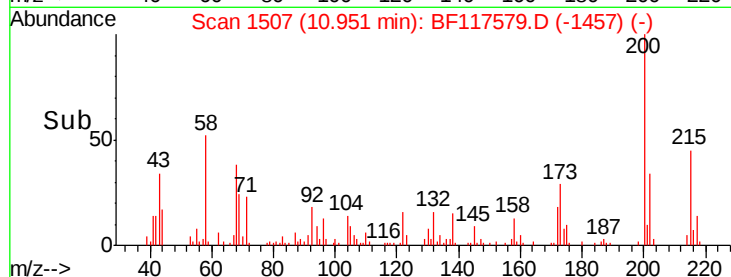
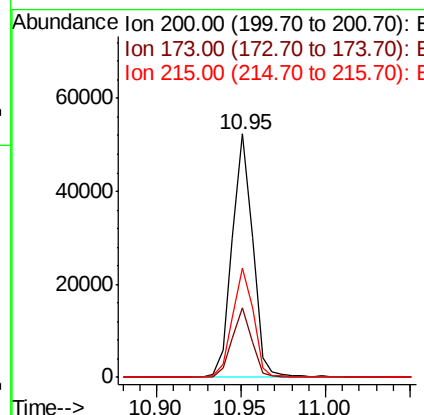
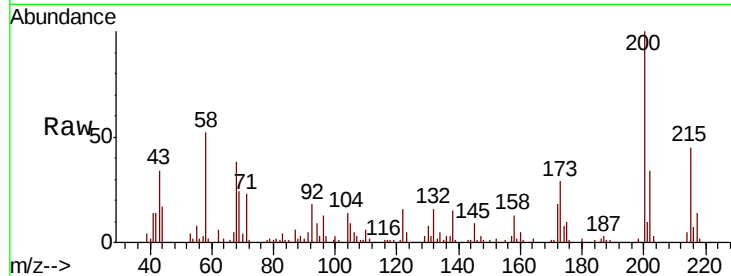
#69
Atrazine
Concen: 35.911 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	44496		
173	28.7	8.2	48.2	
215	44.9	26.8	66.8	

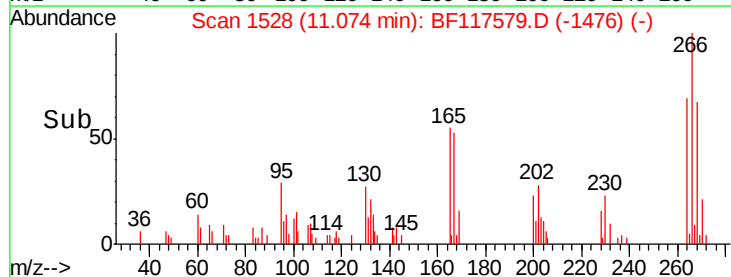
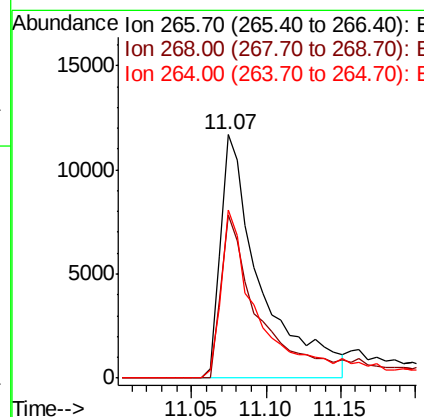
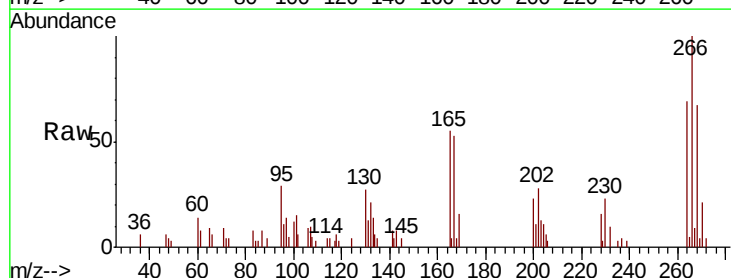
Manual Integrations
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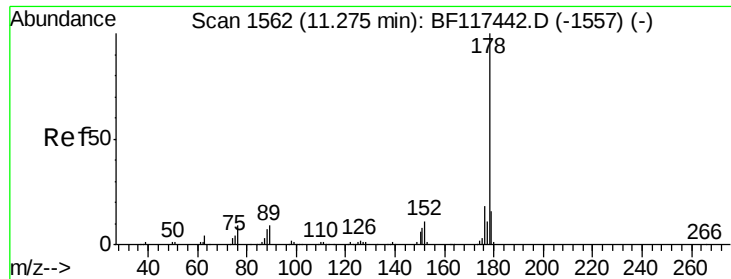
mohammad
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#70
Pentachlorophenol
Concen: 47.770 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	22006		
268	66.9	51.6	77.4	
264	69.0	51.4	77.2	





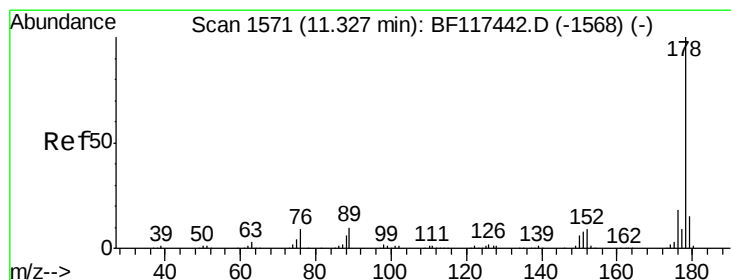
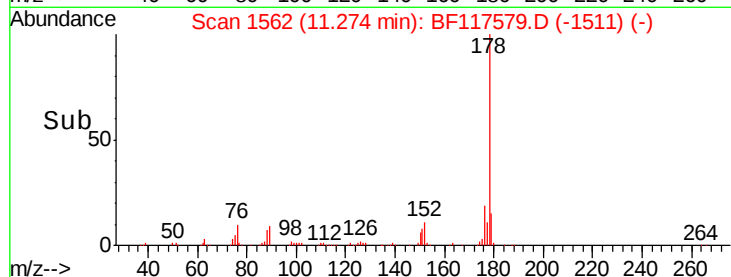
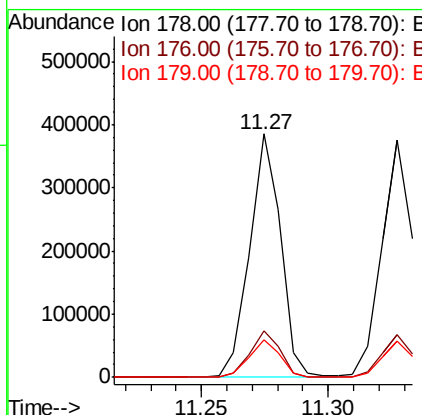
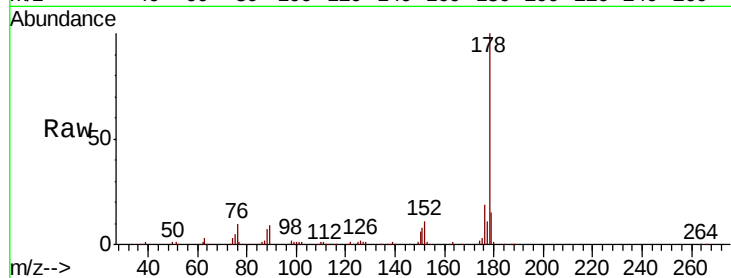
#71
Phenanthrene
Concen: 42.594 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	22.0
179	15.3	12.6	19.0

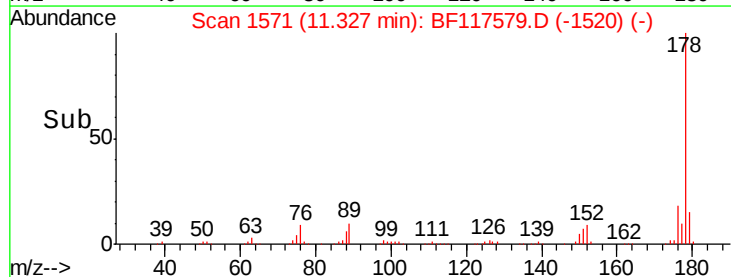
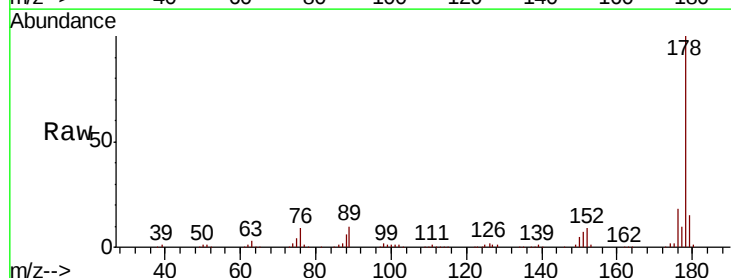
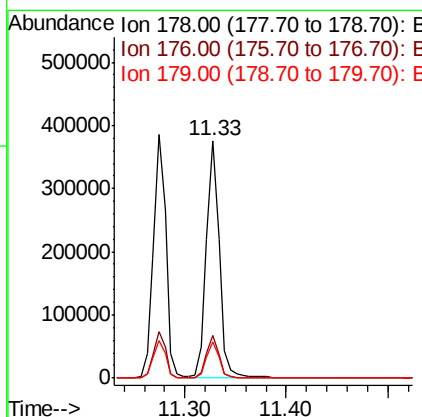
Manual Integrations
APPROVED

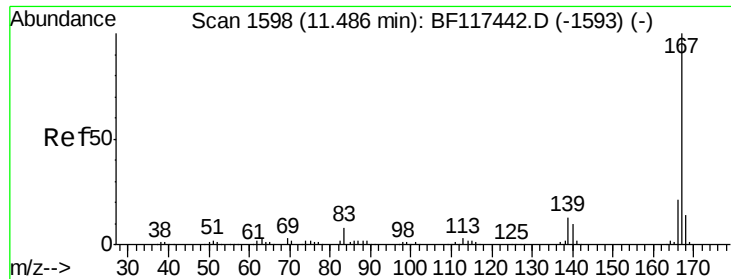
mohammad
10/30/2019 4:52:30 PM



#72
Anthracene
Concen: 42.371 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.2	12.2	18.2





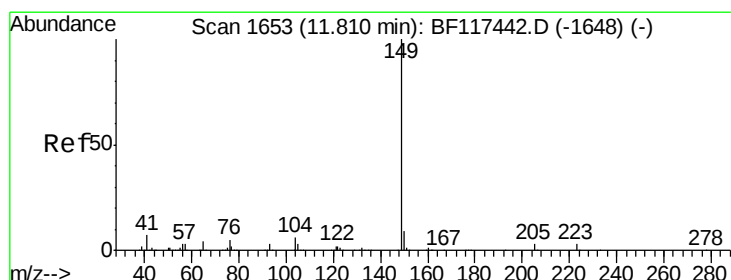
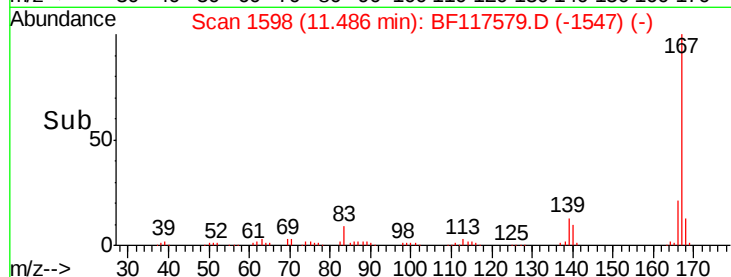
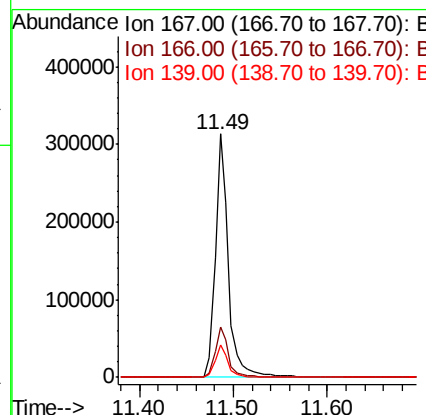
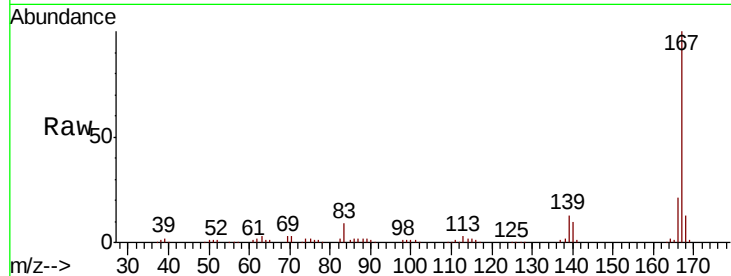
#73
 Carbazole
 Concen: 42.573 ng
 RT: 11.49 min Scan# 1598
 Delta R.T. -0.00 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	13.3	10.6	16.0

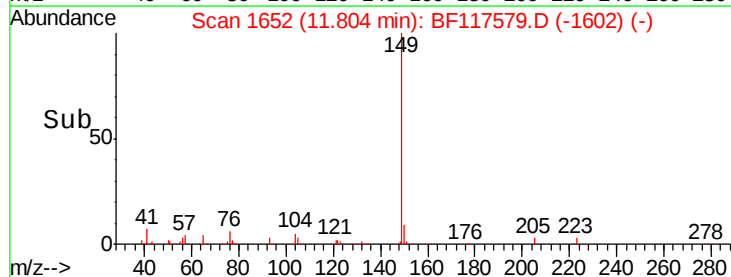
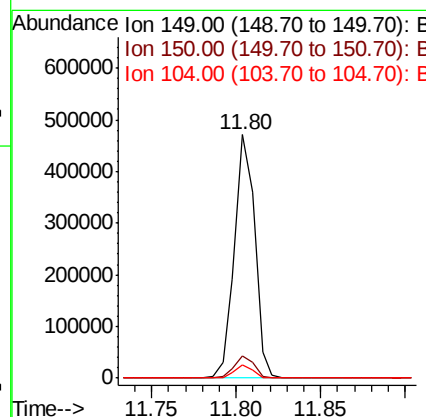
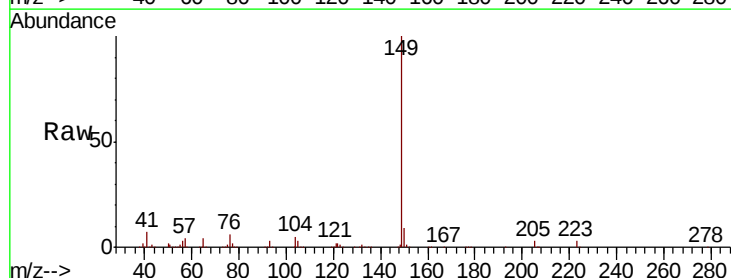
Manual Integrations
 APPROVED

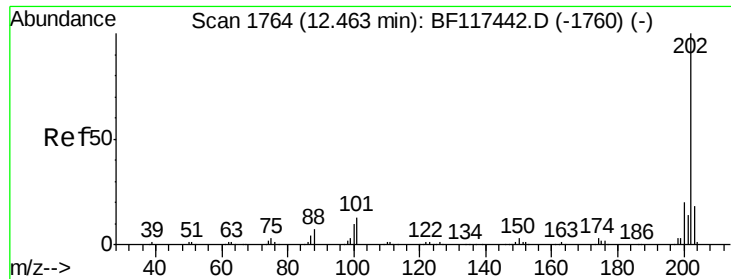
mohammad
 10/30/2019 4:52:30 PM



#74
 Di-n-butylphthalate
 Concen: 40.650 ng
 RT: 11.80 min Scan# 1652
 Delta R.T. -0.01 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.5	11.3
104	5.3	4.6	6.8





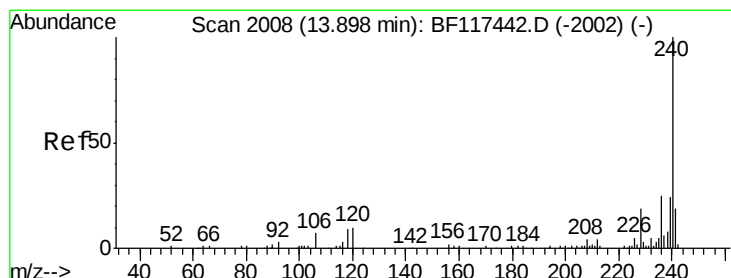
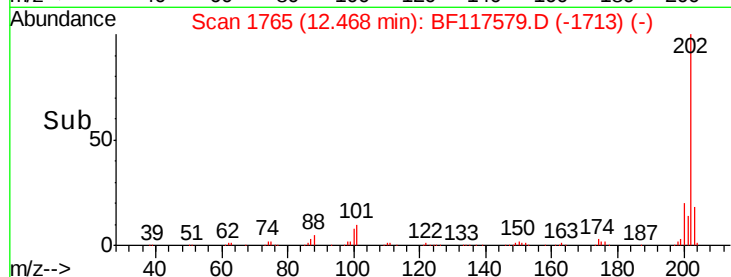
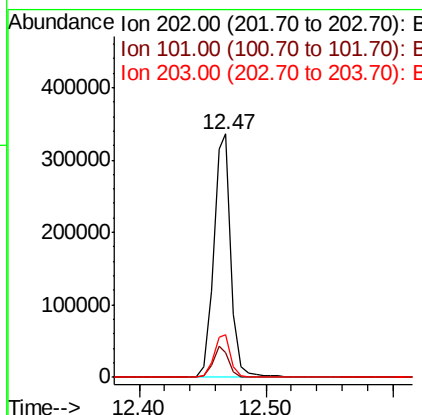
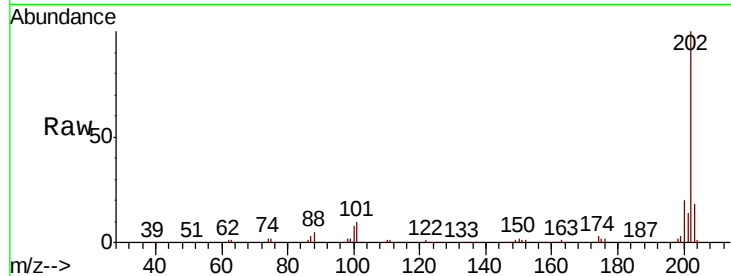
#75
 Fluoranthene
 Concen: 41.506 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. 0.01 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.0	0.0	32.7
203	17.8	0.0	37.6

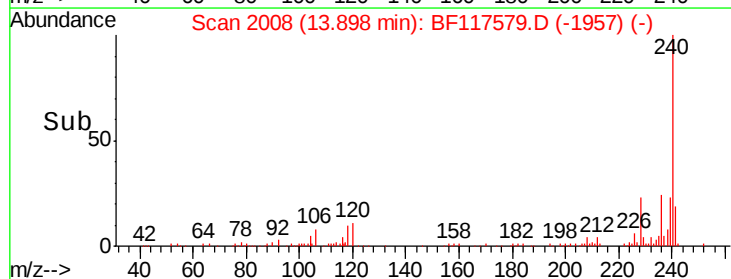
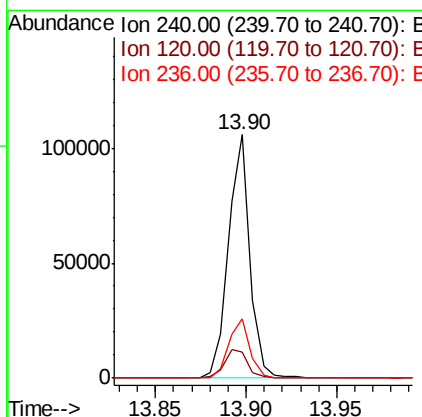
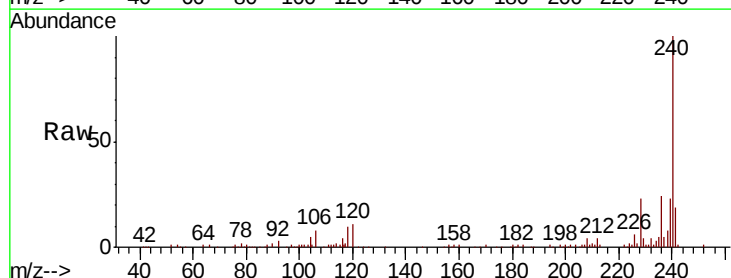
Manual Integrations
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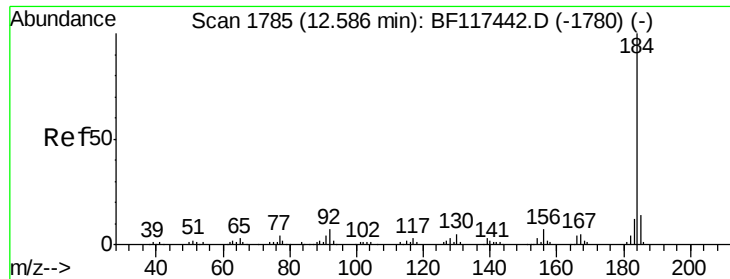
mohammad
 10/30/2019 4:52:30 PM



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	10.7	8.4	12.6
236	24.3	20.0	30.0





#77

Benzidine

Concen: 41.125 ng

RT: 12.59 min Scan# 1785

Delta R.T. 0.00 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

Instrument :

BNA_F

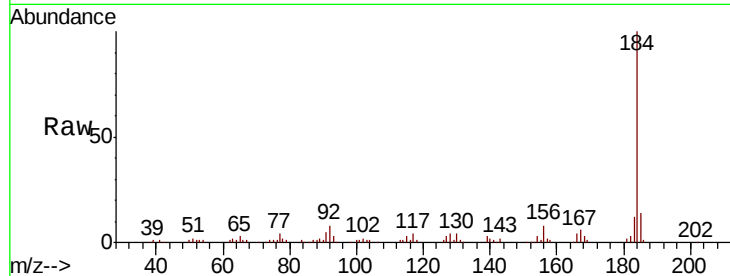
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
184	100				
185	14.1	11.4	17.0		
183	11.7	9.6	14.4		

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10/30/2019 4:52:30 PM

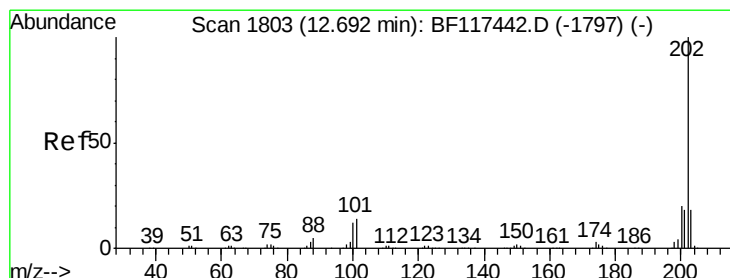
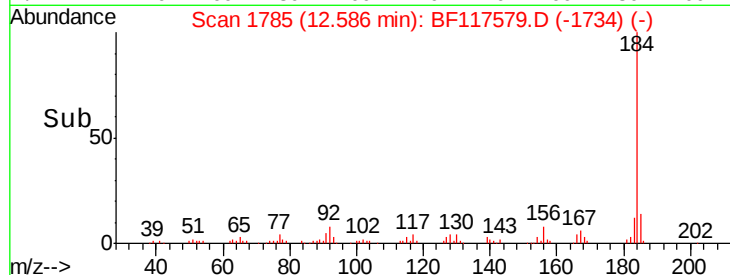
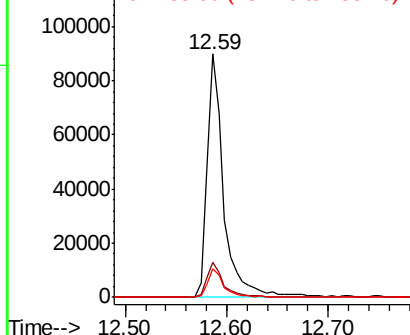


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.581 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.00 min

Lab File: BF117579.D

Acq: 29 Oct 2019 9:55

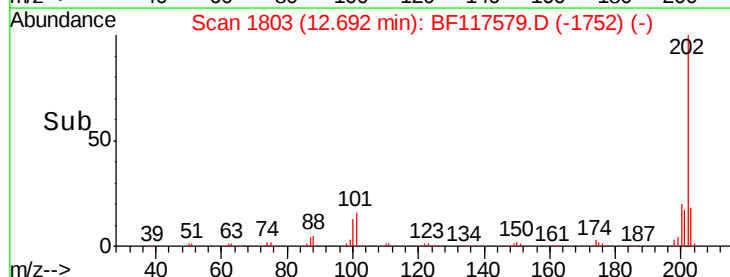
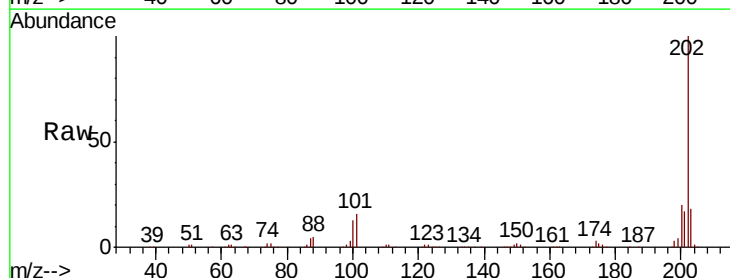
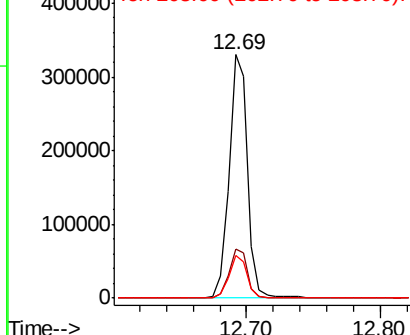
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	20.4	16.2	24.2		
203	17.6	14.0	21.0		

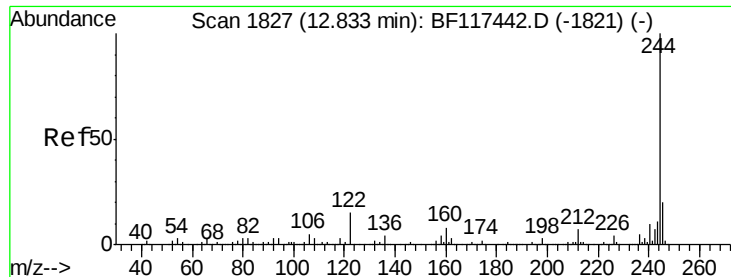
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





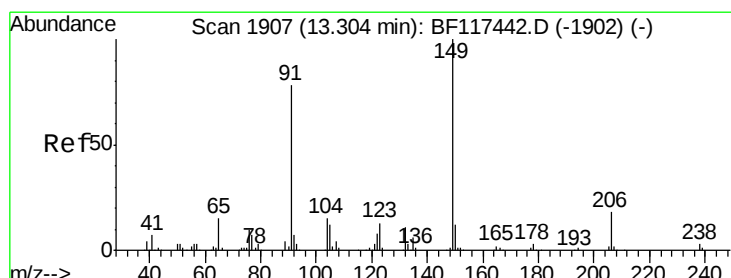
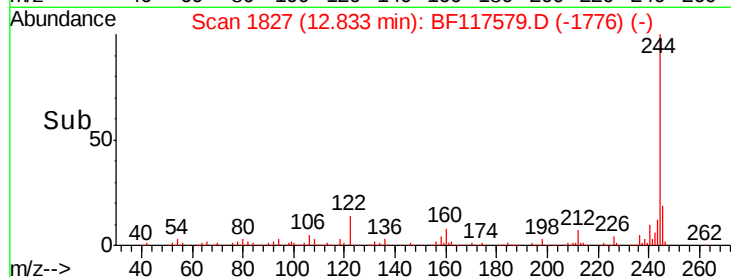
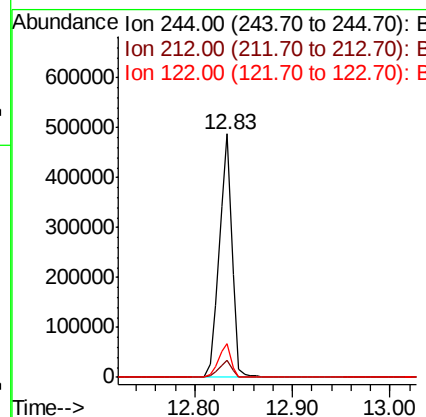
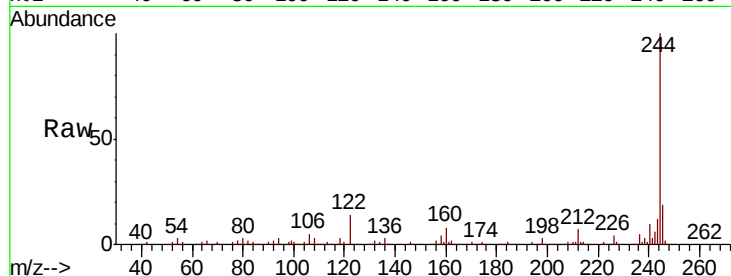
#79
 Terphenyl-d14
 Concen: 82.515 ng
 RT: 12.83 min Scan# 1827
 Delta R.T. -0.00 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.6
122	13.8	11.8	17.8

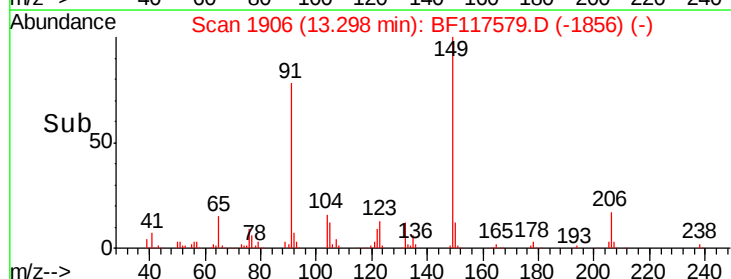
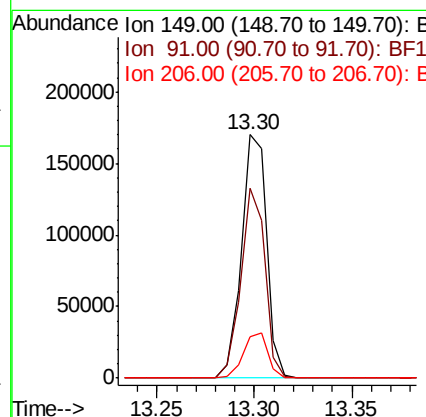
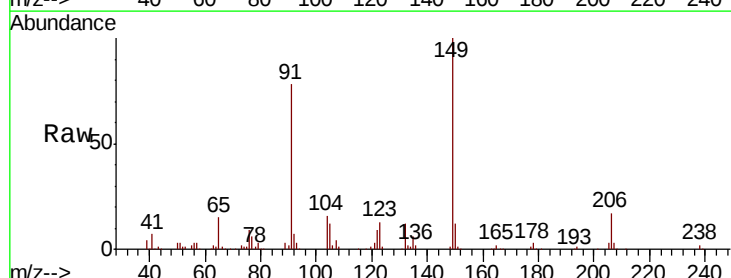
Manual Integrations
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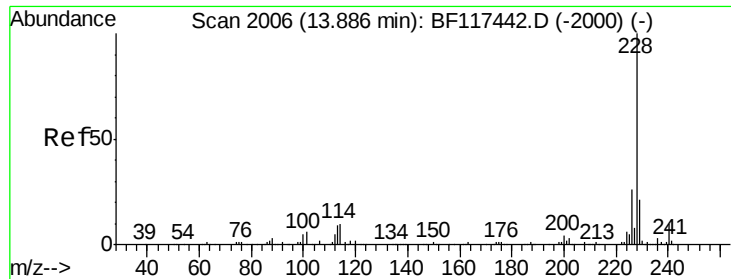
mohammad
 10/30/2019 4:52:30 PM



#80
 Butylbenzylphthalate
 Concen: 40.831 ng
 RT: 13.30 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF117579.D
 Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.7	62.1	93.1
206	16.8	14.3	21.5





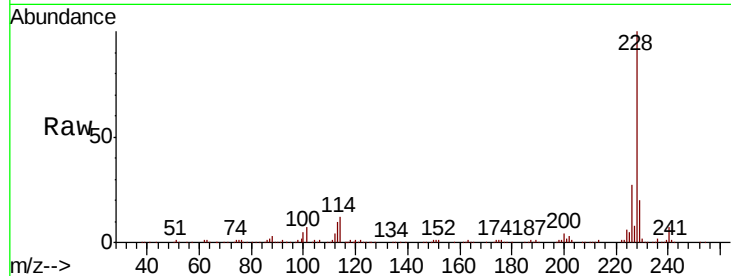
#81
Benzo(a)anthracene
Concen: 41.181 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.8	21.0	31.4
229	20.2	16.4	24.6

Manual Integrations
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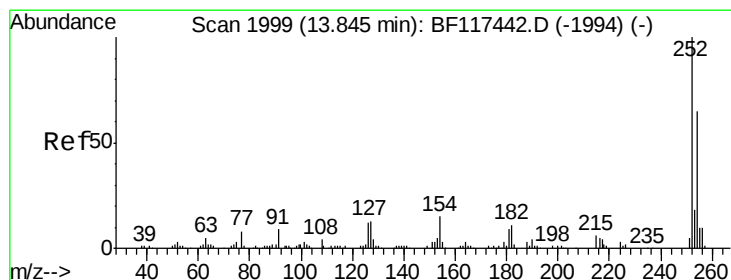
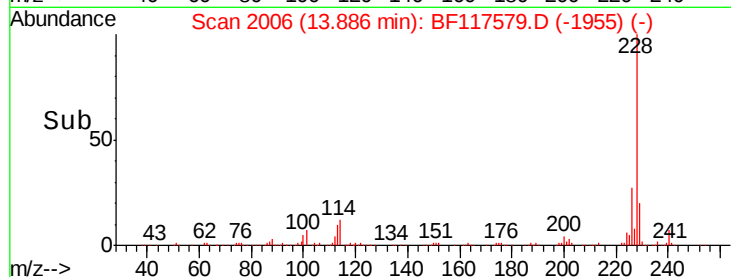
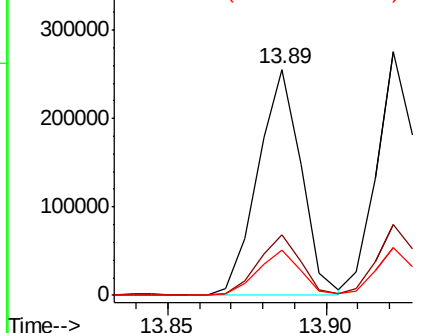


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 42.177 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

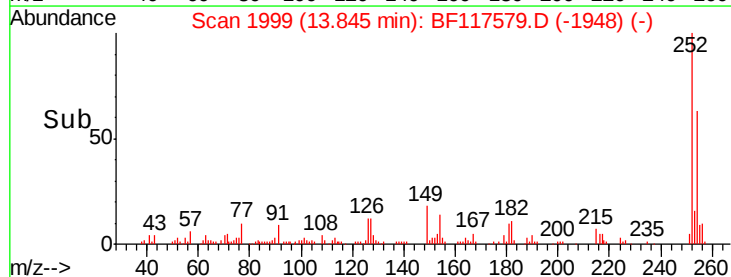
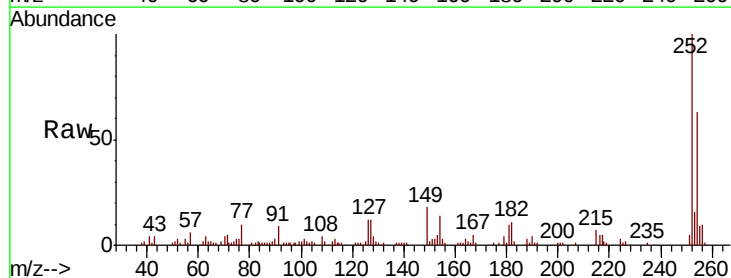
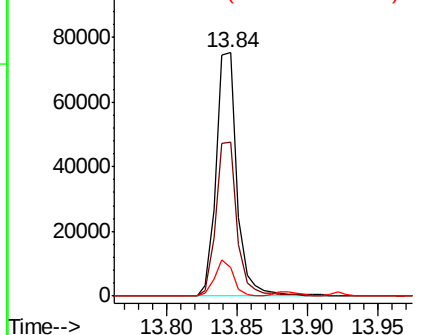
Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.2	78.4
126	11.5	9.2	13.8

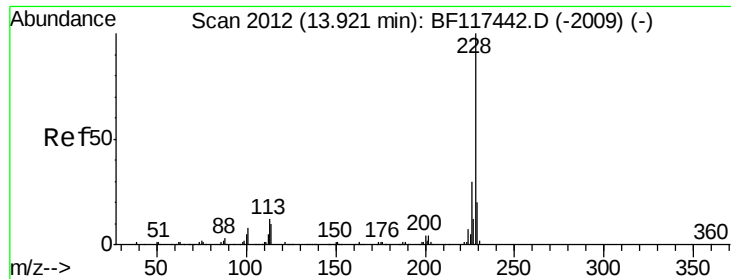
Abundance

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





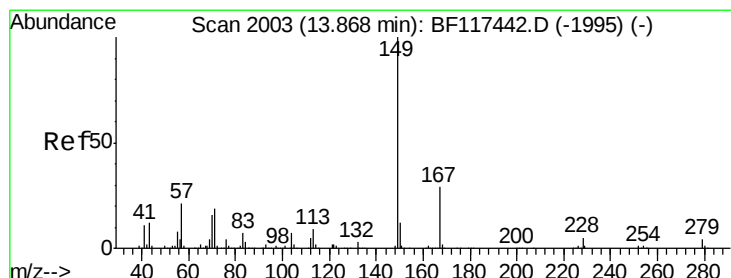
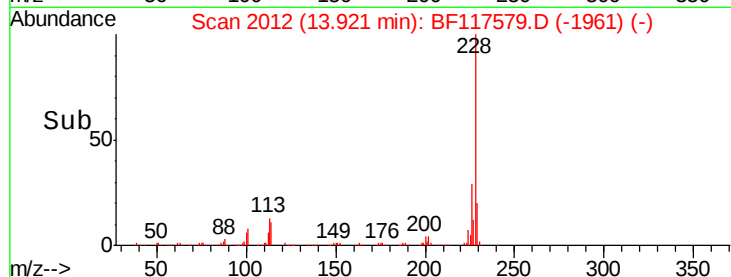
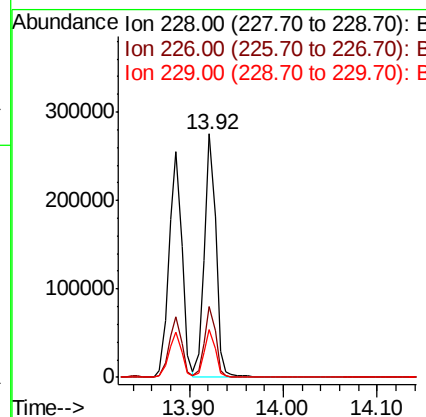
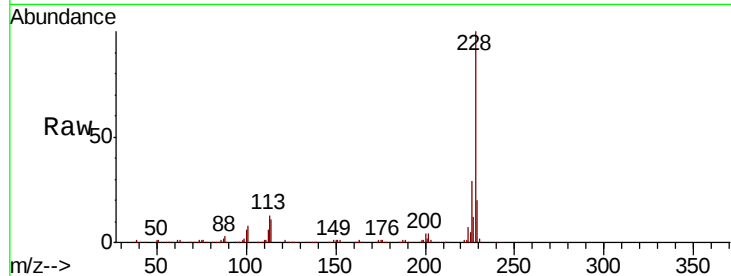
#83
Chrysene
Concen: 40.899 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.9	35.9
229	19.5	15.8	23.6

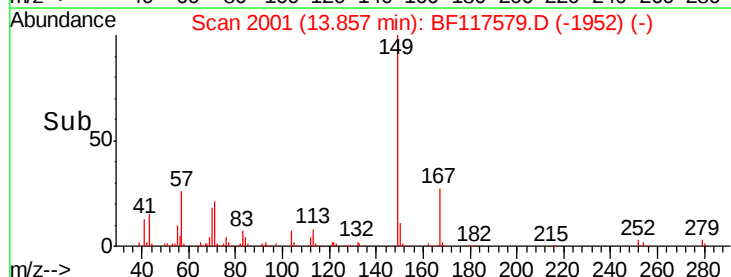
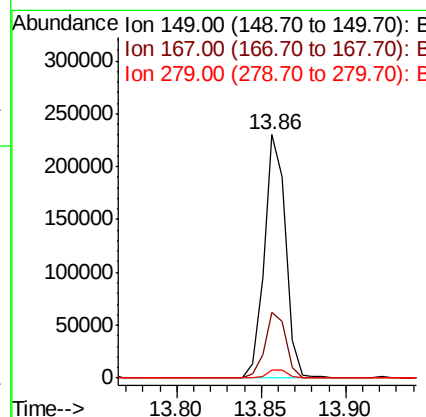
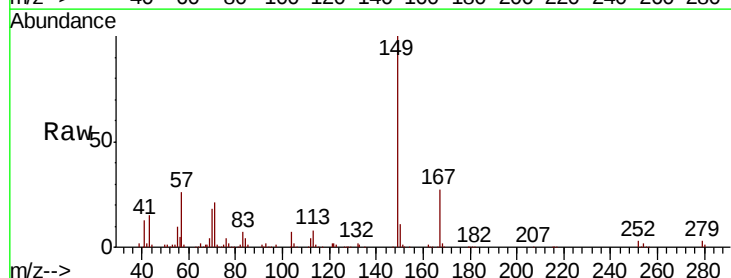
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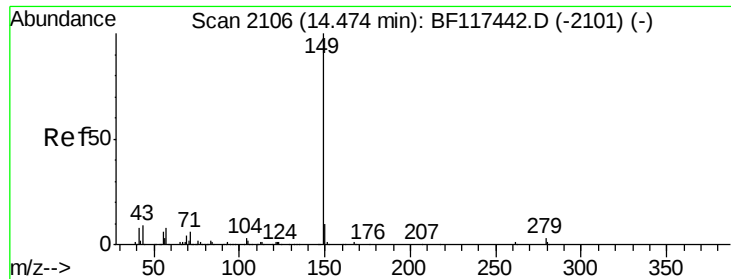
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 38.793 ng
RT: 13.86 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.8	23.3	34.9
279	3.2	3.2	4.8





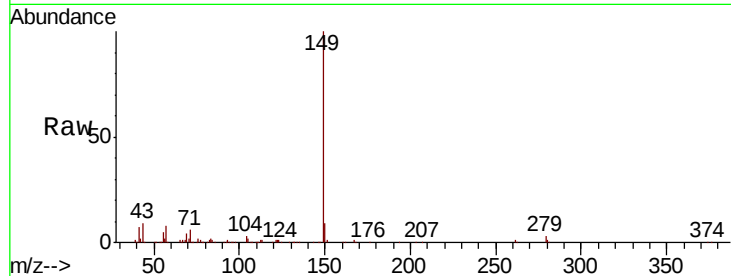
#85
Di-n-octyl phthalate
Concen: 39.513 ng
RT: 14.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	317231		
167	1.4		1.2	1.8
43	8.2		6.8	10.2

Manual Integrations
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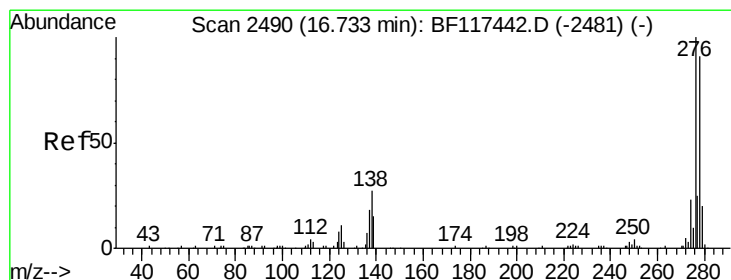
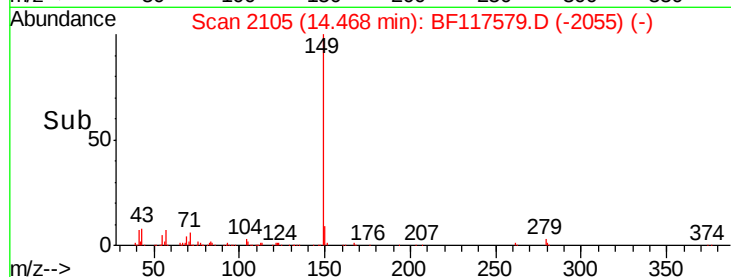
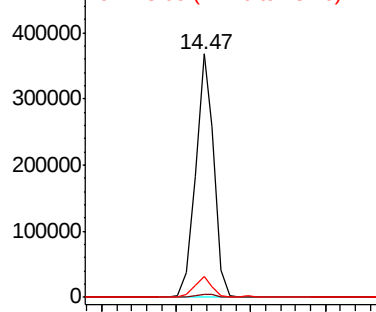


Abundance

Ion 149.00 (148.70 to 149.70): E

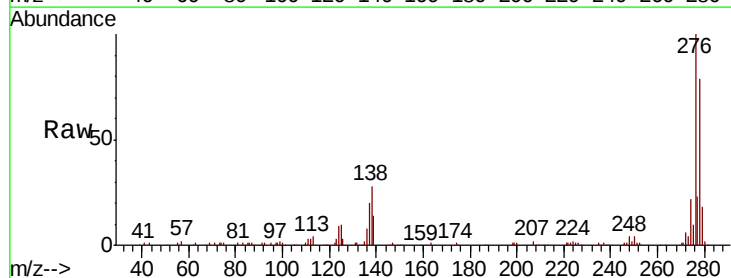
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.125 ng
RT: 16.75 min Scan# 2493
Delta R.T. 0.02 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	189936		
138	29.0		21.8	32.8
277	24.8		20.0	30.0

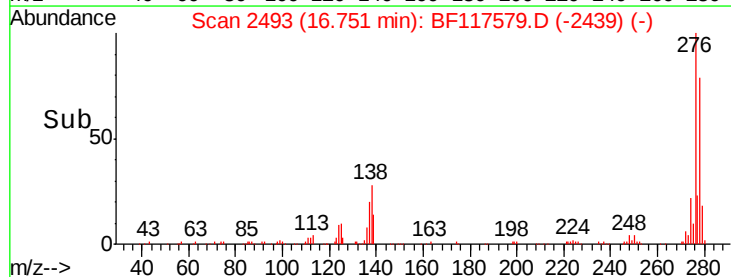
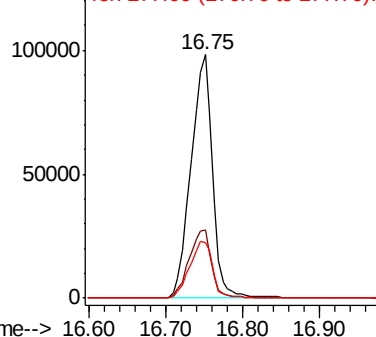


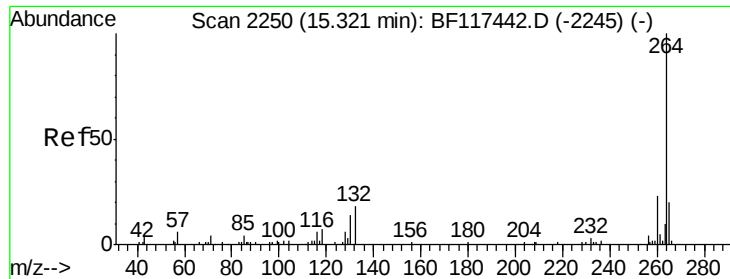
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





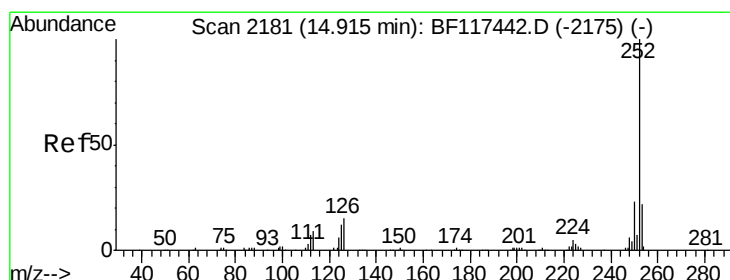
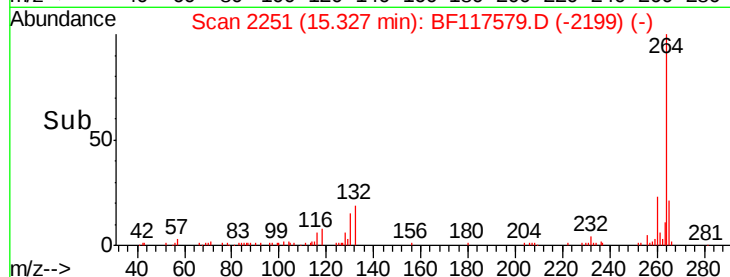
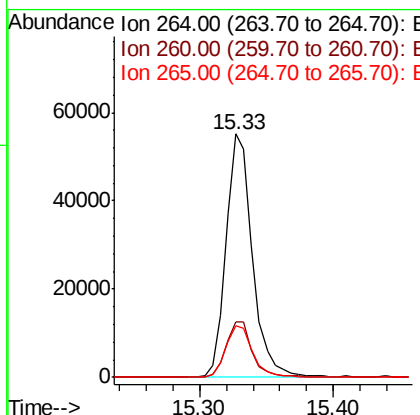
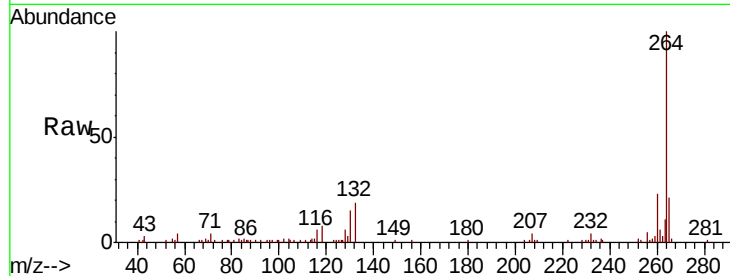
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.4	27.6
265	21.1	16.1	24.1

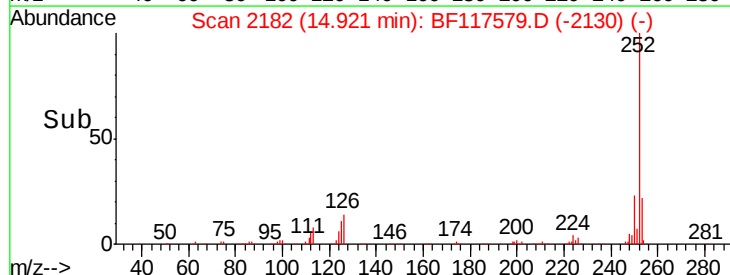
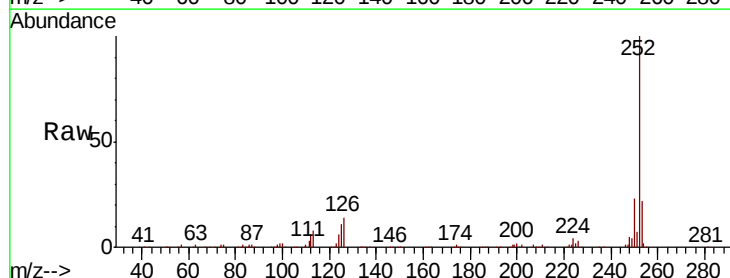
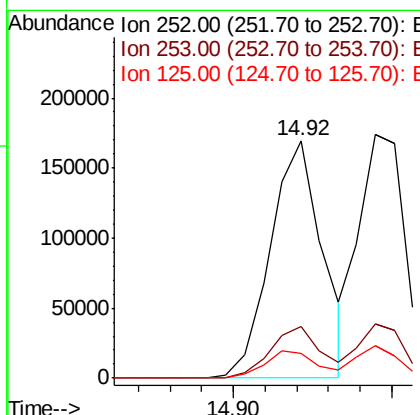
Manual Integrations
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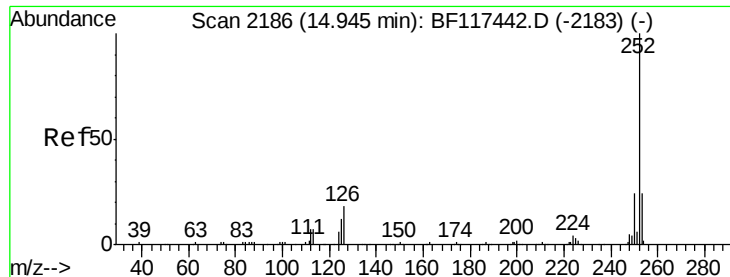
mohammad
10/30/2019 4:52:30 PM



#88
Benzo(b)fluoranthene
Concen: 42.728 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.6	9.9	14.9





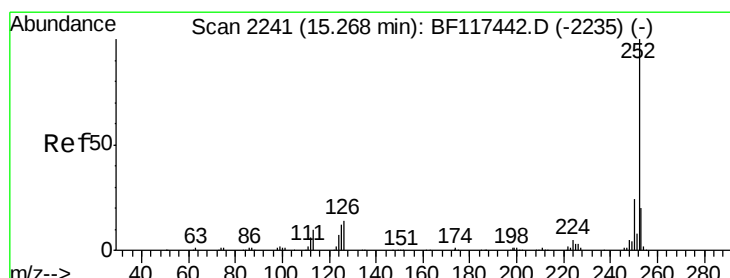
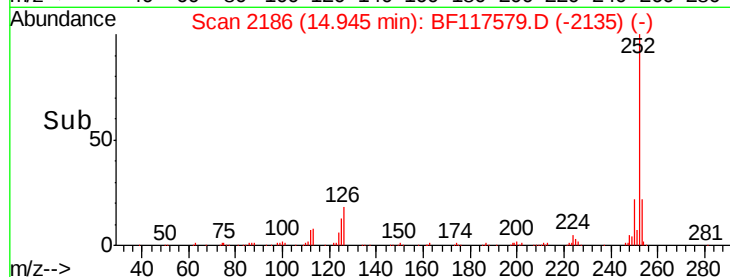
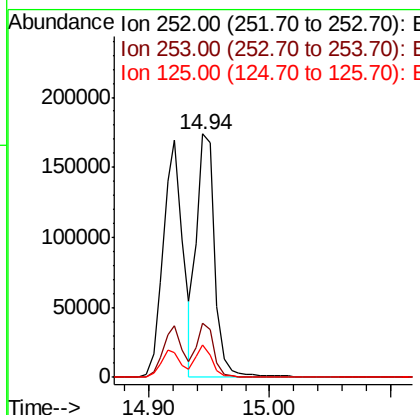
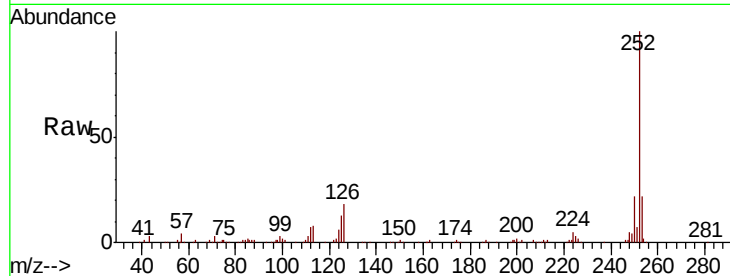
#89
Benzo(k)fluoranthene
Concen: 39.353 ng
RT: 14.94 min Scan# 2186
Delta R.T. -0.00 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	13.1	8.9	13.3

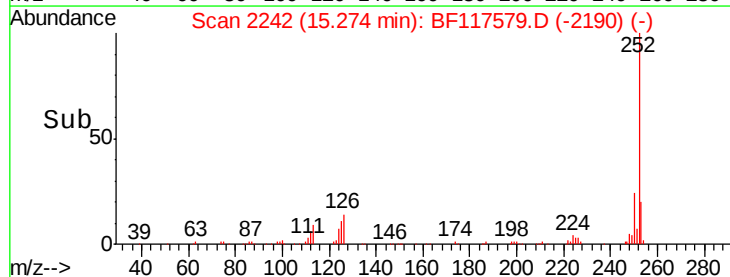
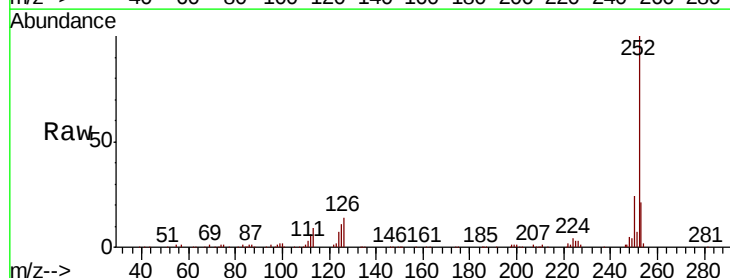
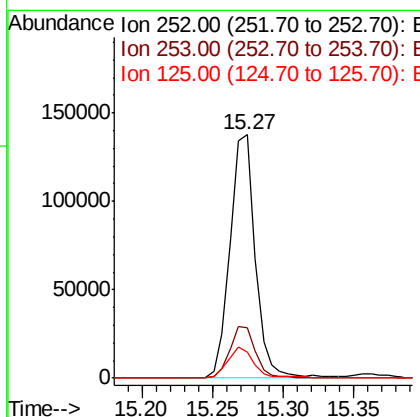
Manual Integrations
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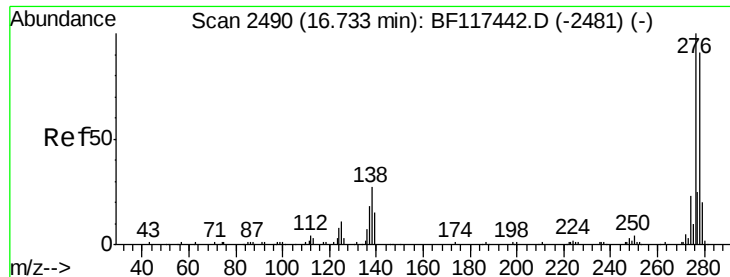
mohammad
10/30/2019 4:52:30 PM



#90
Benzo(a)pyrene
Concen: 41.991 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	16.3	24.5
125	10.7	9.2	13.8





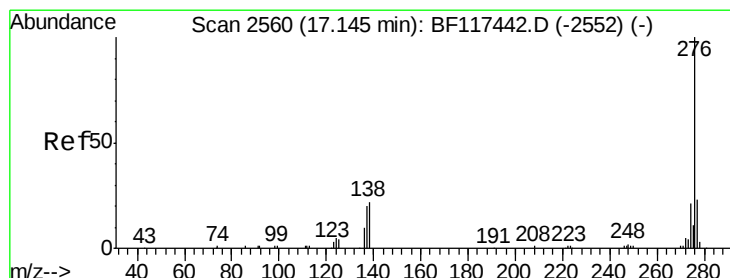
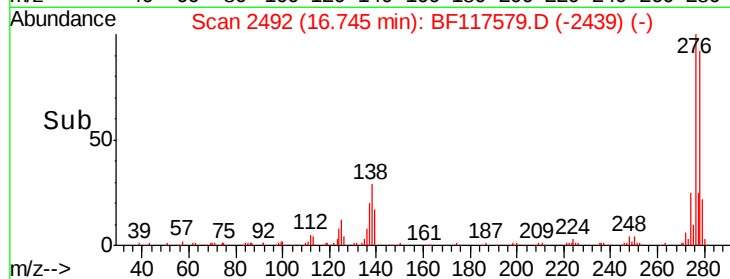
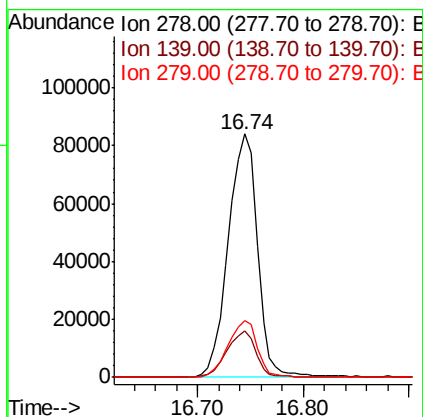
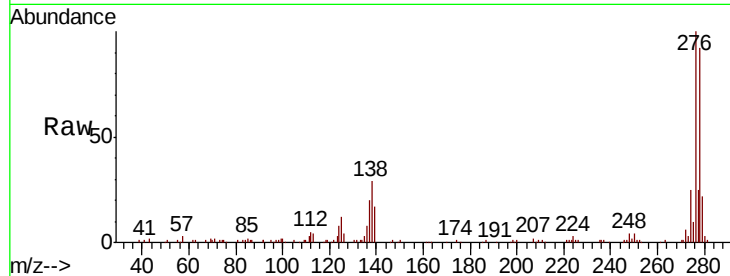
#91
Dibenzo(a,h)anthracene
Concen: 45.121 ng
RT: 16.74 min Scan# 2492
Delta R.T. 0.01 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.9	13.4	20.0
279	23.5	17.8	26.6

Manual Integrations
APPROVED

mohammad
10/30/2019 4:52:30 PM



#92
Benzo(g,h,i)perylene
Concen: 46.020 ng
RT: 17.17 min Scan# 2564
Delta R.T. 0.02 min
Lab File: BF117579.D
Acq: 29 Oct 2019 9:55

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.4	27.6
138	24.4	17.8	26.6

