

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117196.D
 Acq On : 20 Sep 2019 20:03
 Operator : HP/JU
 Sample : PB123244BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BS

Manual Integrations
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mohammad
 9/24/2019 9:12:46 AM

Quant Time: Sep 21 01:06:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	42540	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	172231	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	91809	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	148927	20.00	ng	0.01
76) Chrysene-d12	13.99	240	97080	20.00	ng	0.01
87) Perylene-d12	15.43	264	75648	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	232903	85.48	ng	0.02
7) Phenol-d6	6.47	99	321344	91.26	ng	0.01
23) Nitrobenzene-d5	7.39	82	298122	90.95	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	81413	106.10	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	585321	99.68	ng	0.00
79) Terphenyl-d14	12.93	244	563919	108.58	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	44066	38.649	ng	95
3) Pyridine	3.42	79	77287	24.766	ng	97
4) n-Nitrosodimethylamine	3.38	42	45701	42.673	ng	# 72
6) Aniline	6.49	93	134468	29.659	ng	# 86
8) 2-Chlorophenol	6.61	128	126454	43.019	ng	99
9) Benzaldehyde	6.37	77	91634	55.811	ng	96
10) Phenol	6.48	94	163014	41.992	ng	88
11) bis(2-Chloroethyl)ether	6.56	93	118481	41.527	ng	98
12) 1,3-Dichlorobenzene	6.76	146	127854	38.762	ng	98
13) 1,4-Dichlorobenzene	6.84	146	133323	39.607	ng	98
14) 1,2-Dichlorobenzene	6.99	146	127431	40.661	ng	98
15) Benzyl Alcohol	6.97	79	122754	45.459	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	109029	38.679	ng	66
17) 2-Methylphenol	7.08	107	105355	42.766	ng	# 89
18) Hexachloroethane	7.33	117	52014	40.166	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	97654	45.542	ng	92
20) 3+4-Methylphenols	7.24	107	138240	45.050	ng	# 78
22) Acetophenone	7.23	105	194623	44.477	ng	# 95
24) Nitrobenzene	7.40	77	143180	44.231	ng	99
25) Isophorone	7.65	82	263815	45.455	ng	99
26) 2-Nitrophenol	7.72	139	63823	45.901	ng	# 90
27) 2,4-Dimethylphenol	7.76	122	111892	50.745	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	153113	42.819	ng	100
29) 2,4-Dichlorophenol	7.97	162	106298	46.009	ng	96
30) 1,2,4-Trichlorobenzene	8.05	180	105941	42.443	ng	96
31) Naphthalene	8.13	128	370372	44.713	ng	98
32) Benzoic acid	7.92	122	61506	38.461	ng	95
33) 4-Chloroaniline	8.17	127	59536	16.205	ng	98
34) Hexachlorobutadiene	8.24	225	63639	44.938	ng	99
35) Caprolactam	8.56	113	28301m	36.190	ng	
36) 4-Chloro-3-methylphenol	8.67	107	125394	46.546	ng	97
37) 2-Methylnaphthalene	8.82	142	259548	46.532	ng	97
38) 1-Methylnaphthalene	8.92	142	237842	45.528	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	103830	43.796	ng	# 97

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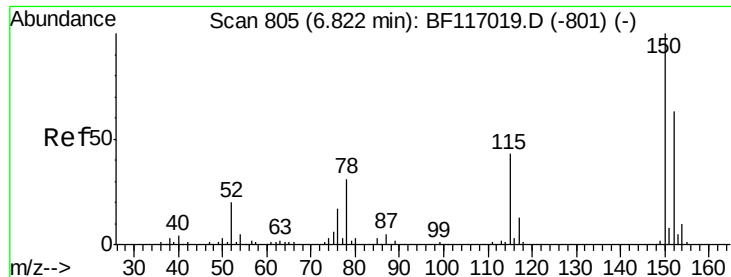
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	113149	105.230	nq	97
43) 2,4,6-Trichlorophenol	9.10	196	70971	44.113	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	77924	45.333	nq	95
46) 1,1'-Biphenyl	9.28	154	314007	43.603	nq	99
47) 2-Chloronaphthalene	9.30	162	244180	42.963	nq	98
48) 2-Nitroaniline	9.40	65	75575	41.457	nq	91
49) Acenaphthylene	9.72	152	380260	44.662	nq	99
50) Dimethylphthalate	9.58	163	291536	44.848	nq	99
51) 2,6-Dinitrotoluene	9.65	165	61849	46.716	nq #	72
52) Acenaphthene	9.89	154	223628	44.308	nq	98
53) 3-Nitroaniline	9.82	138	33253	19.907	nq	97
54) 2,4-Dinitrophenol	9.93	184	44571	78.199	nq	94
55) Dibenzofuran	10.06	168	342979	46.058	nq	96
56) 4-Nitrophenol	10.00	139	78659	72.656	nq	90
57) 2,4-Dinitrotoluene	10.06	165	82710	48.127	nq #	82
58) Fluorene	10.41	166	284688	47.460	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.19	232	60958	46.342	nq #	96
60) Diethylphthalate	10.28	149	307724	48.117	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	129458	49.881	nq	97
62) 4-Nitroaniline	10.44	138	65588	37.756	nq #	84
63) Azobenzene	10.56	77	311930	47.755	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	34379	50.280	nq	85
66) n-Nitrosodiphenylamine	10.52	169	246246	47.877	nq	100
67) 4-Bromophenyl-phenylether	10.89	248	74042	48.683	nq	97
68) Hexachlorobenzene	10.96	284	76561	46.024	nq	93
69) Atrazine	11.05	200	68335	57.583	nq	99
70) Pentachlorophenol	11.16	266	71380	91.541	nq	99
71) Phenanthrene	11.37	178	382328	45.198	nq	99
72) Anthracene	11.42	178	398721	46.170	nq	98
73) Carbazole	11.57	167	349656	42.655	nq	99
74) Di-n-butylphthalate	11.90	149	502419	51.514	nq	99
75) Fluoranthene	12.56	202	381504	43.893	nq	99
77) Benzidine	12.67	184	187149	59.846	nq	98
78) Pyrene	12.79	202	381030	46.777	nq	99
80) Butylbenzylphthalate	13.39	149	193545	50.285	nq	96
81) Benzo(a)anthracene	13.97	228	280579	43.259	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	51298	24.543	nq #	92
83) Chrysene	14.01	228	272240	43.035	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	285666	57.562	nq	99
85) Di-n-octyl phthalate	14.56	149	439458	56.261	nq	99
86) Indeno(1,2,3-cd)pyrene	16.89	276	193469	41.920	nq	97
88) Benzo(b)fluoranthene	15.02	252	209583	45.738	nq	98
89) Benzo(k)fluoranthene	15.04	252	210888	48.584	nq	99
90) Benzo(a)pyrene	15.37	252	190724	47.432	nq	98
91) Dibenzo(a,h)anthracene	16.90	278	163493	51.039	nq	97
92) Benzo(g,h,i)perylene	17.32	276	148434	46.501	nq	97

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



#1

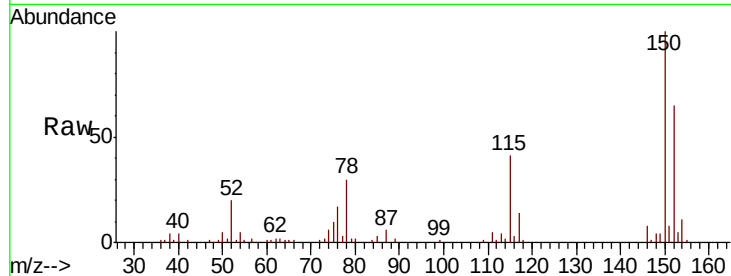
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

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Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	127.5	191.3
115	62.8	55.0	82.4

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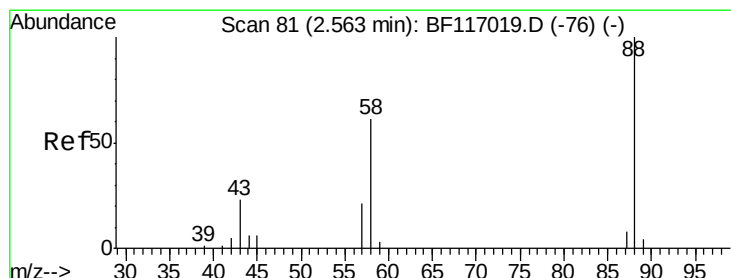
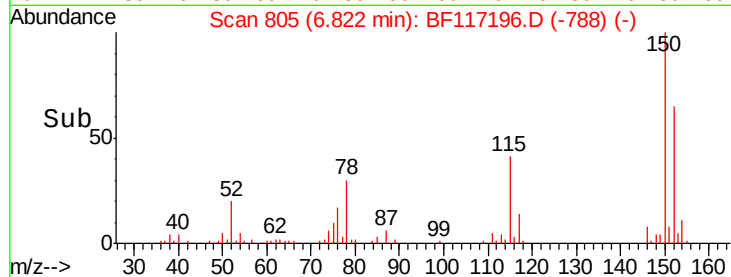
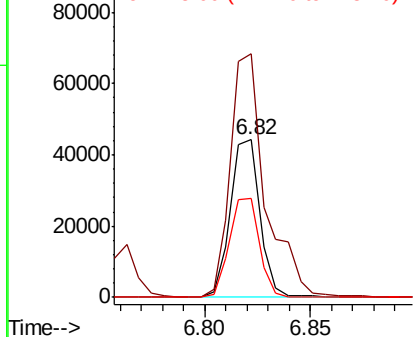


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

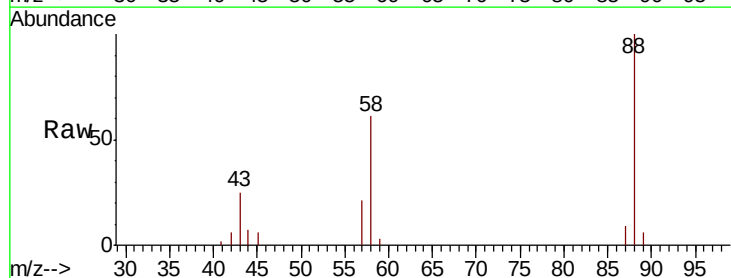
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 38.649 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.12 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.5	49.3	73.9
43	26.1	18.8	28.2

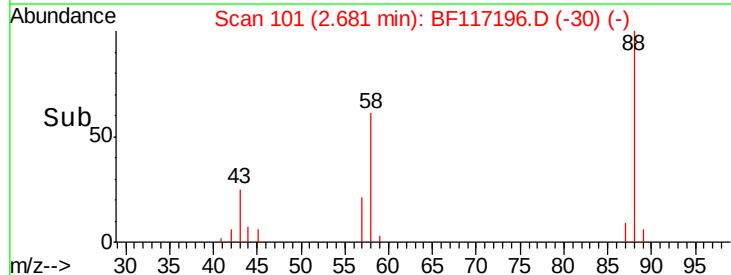
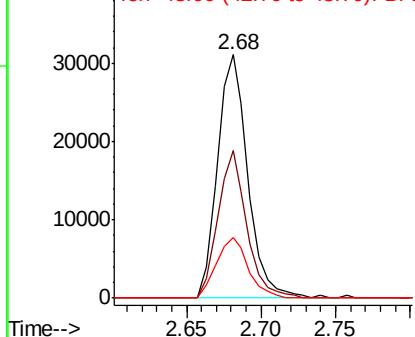


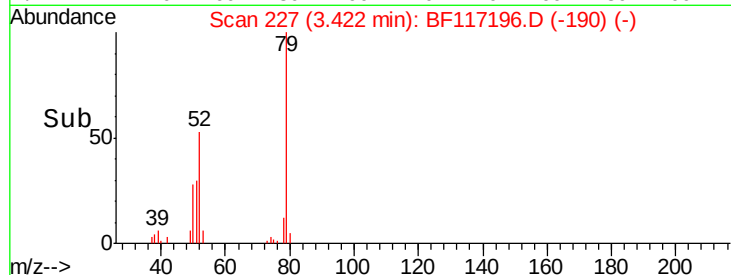
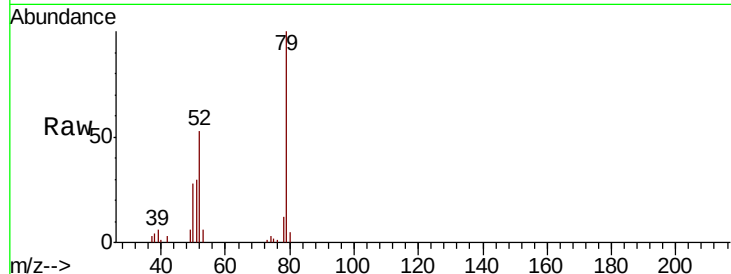
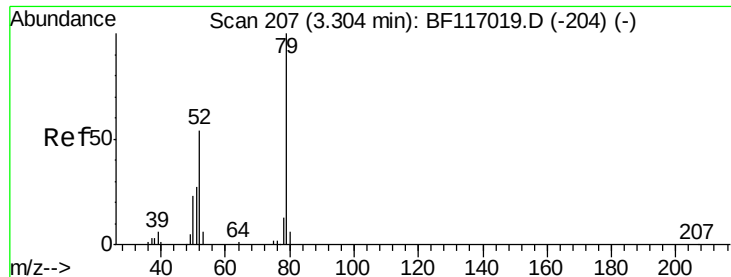
Abundance

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





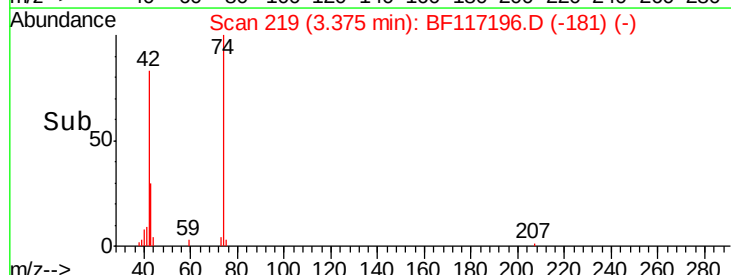
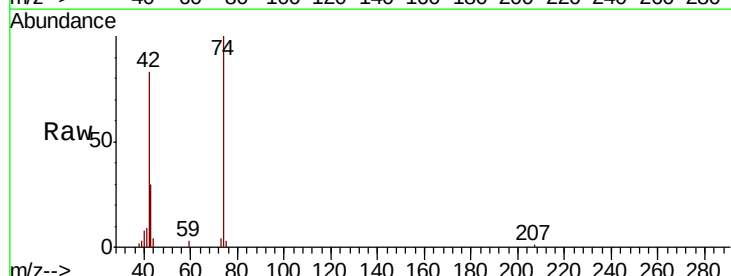
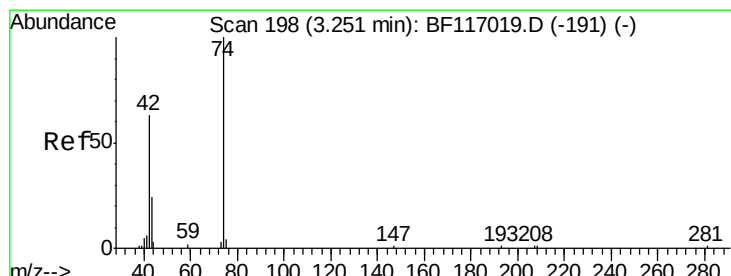
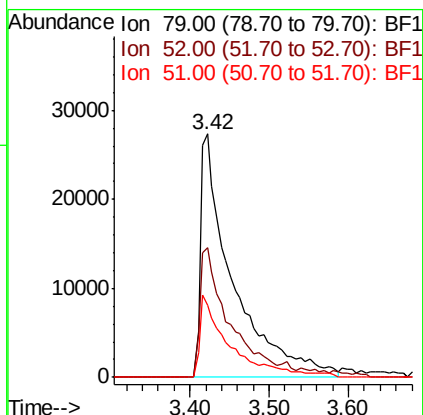
#3
 Pvridine
 Concen: 24.766 ng
 RT: 3.42 min Scan# 227
 Delta R.T. 0.12 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tot Ion:	79	Resp:	77287
Ion Ratio	Lower	Upper	
79	100		
52	53.1	43.5	65.3
51	29.6	21.8	32.6

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 PB123244BS

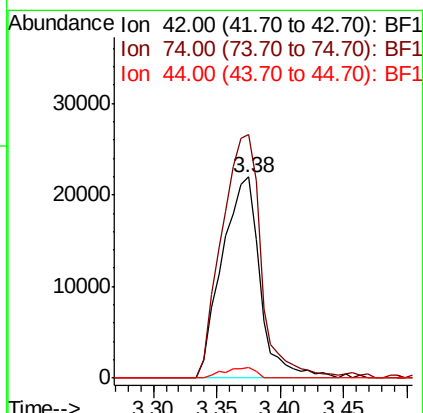
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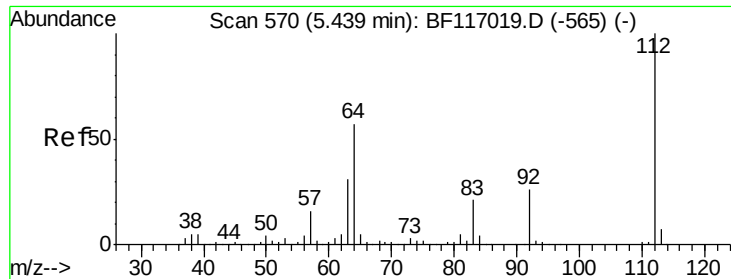
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#4
 n-Nitrosodimethylamine
 Concen: 42.673 ng
 RT: 3.38 min Scan# 219
 Delta R.T. 0.12 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion:	42	Resp:	45701
Ion Ratio	Lower	Upper	
42	100		
74	121.1	127.1	190.7#
44	5.2	4.3	6.5





#5

2-Fluorophenol

Concen: 85.477 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Instrument :

BNA_F

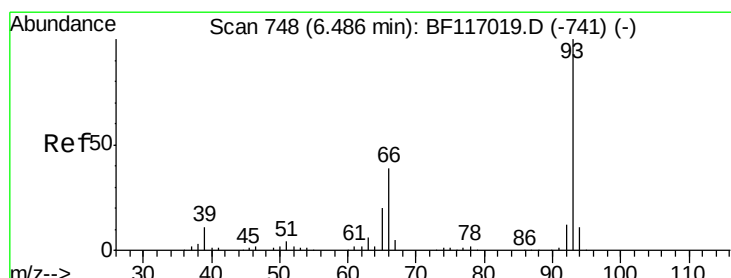
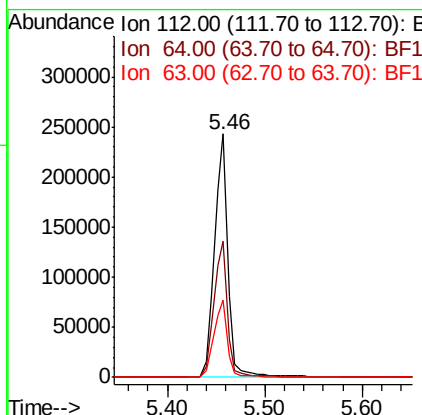
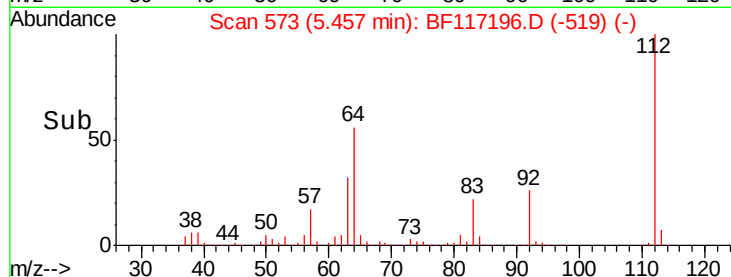
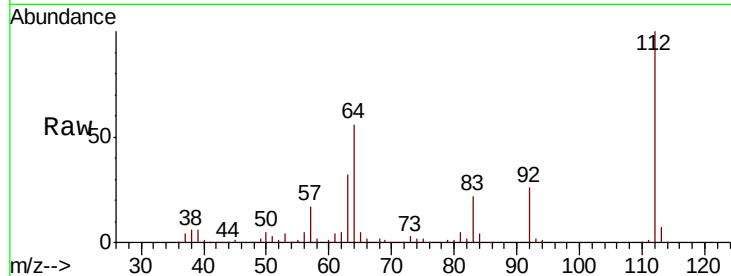
ClientSampleId :

PB123244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
112	100		232903		
64	55.7	45.7	68.5		
63	31.9	24.9	37.3		

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#6

Aniline

Concen: 29.659 ng

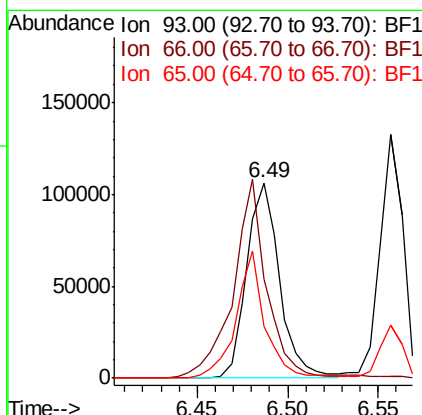
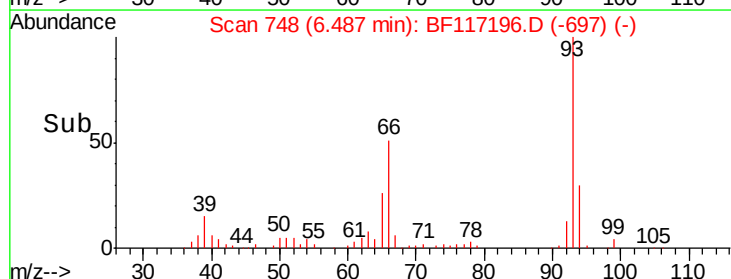
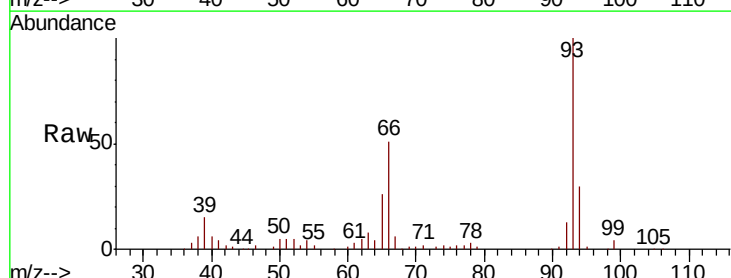
RT: 6.49 min Scan# 748

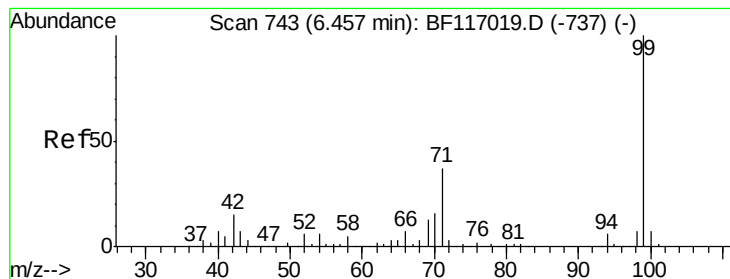
Delta R.T. 0.00 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		134468		
66	50.5	32.6	49.0#		
65	26.2	16.7	25.1#		





#7

Phenol-d6

Concen: 91.256 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Instrument :

BNA_F

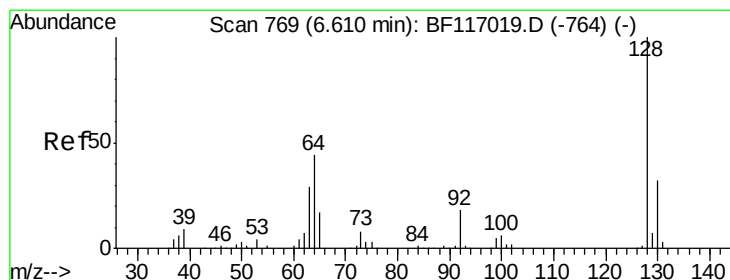
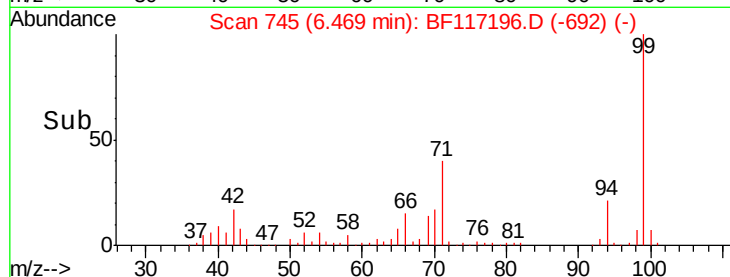
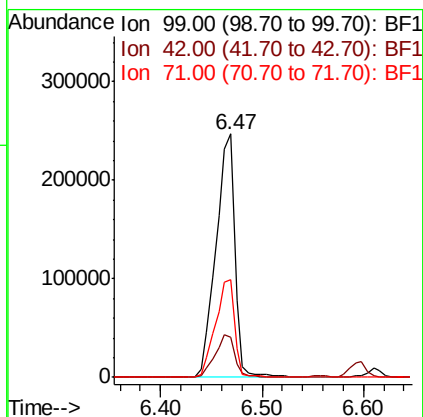
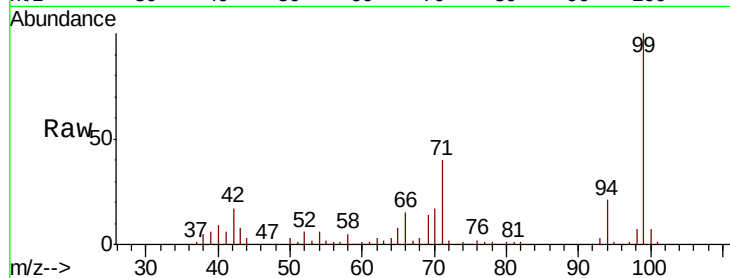
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Tot Ion:	99	Resp:	321344
Ion Ratio	Lower	Upper	
99	100		
42	16.7	12.2	18.2
71	40.0	29.8	44.8

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#8

2-Chlorophenol

Concen: 43.019 ng

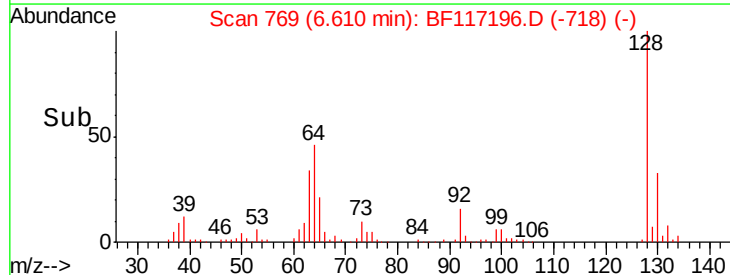
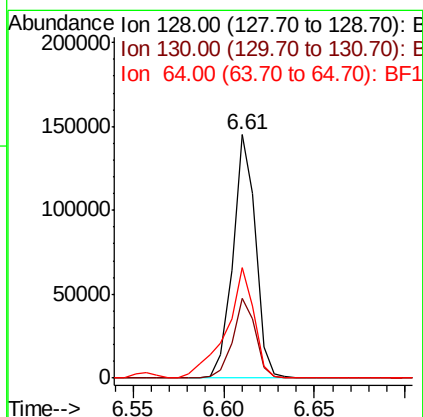
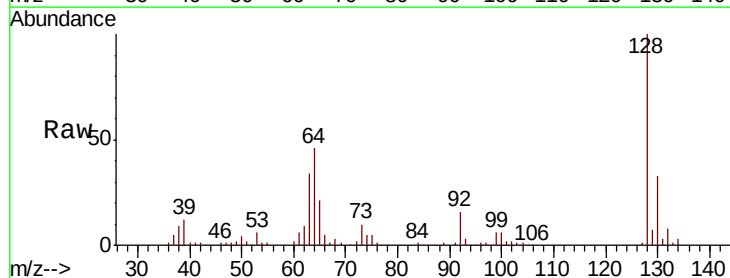
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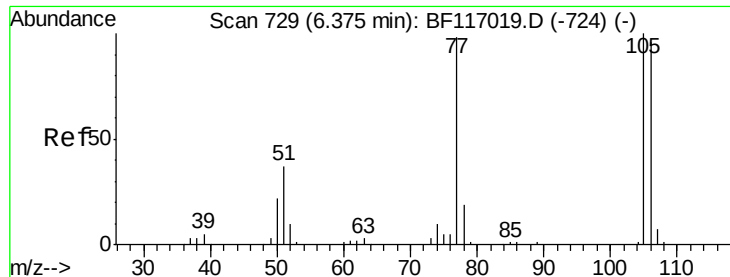
Delta R.T. 0.00 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Tgt Ion:	128	Resp:	126454
Ion Ratio	Lower	Upper	
128	100		
130	32.9	11.8	51.8
64	45.5	25.0	65.0





#9

Benzaldehyde

Concen: 55.811 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Instrument :

BNA_F

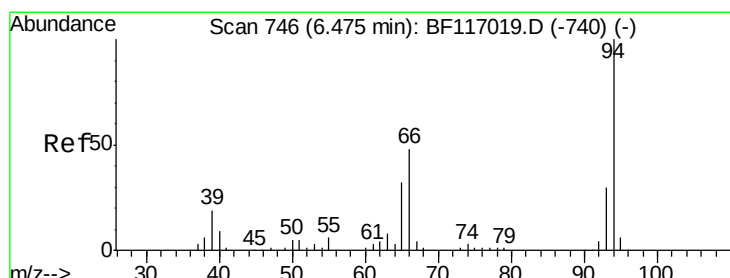
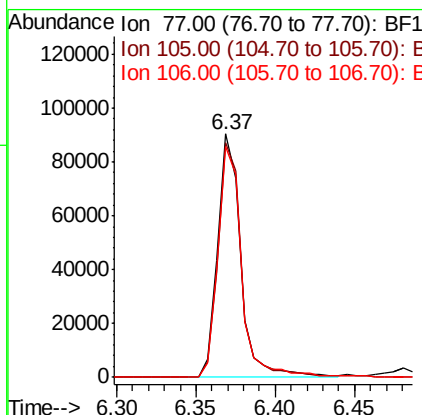
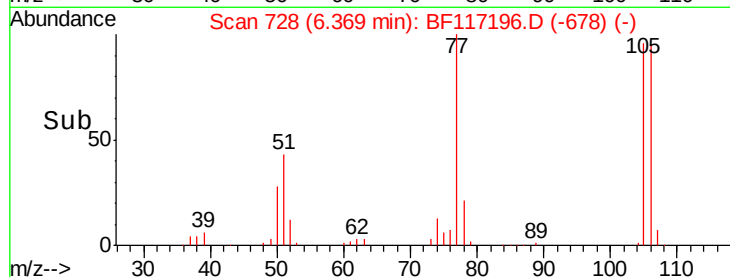
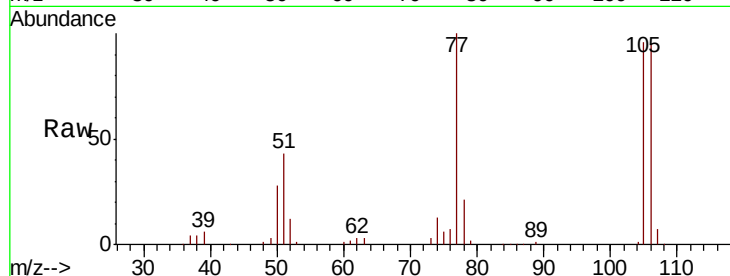
ClientSampleId :

PB123244BS

Tot Ion:	77	Resp:	91634
Ion	Ratio	Lower	Upper
77	100		
105	96.4	81.8	121.8
106	95.0	77.3	117.3

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#10

Phenol

Concen: 41.992 ng

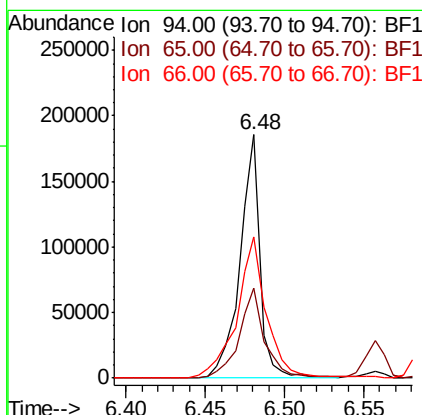
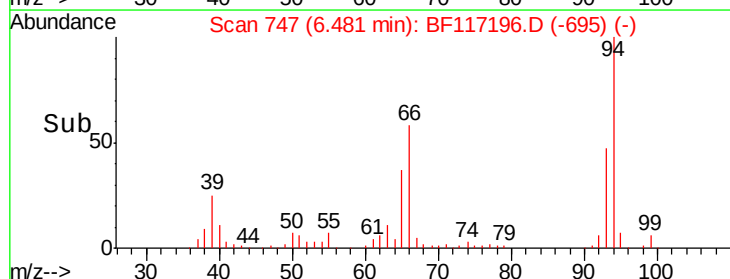
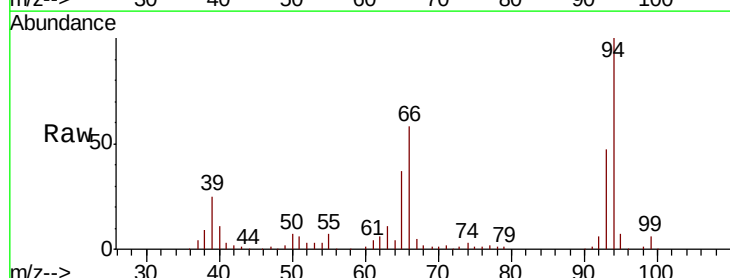
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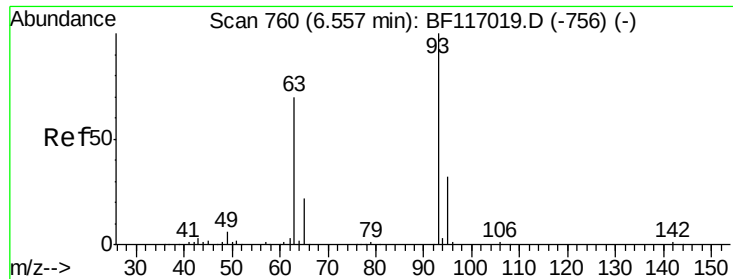
Delta R.T. 0.01 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Tgt Ion:	94	Resp:	163014
Ion	Ratio	Lower	Upper
94	100		
65	37.1	12.5	52.5
66	58.2	28.9	68.9





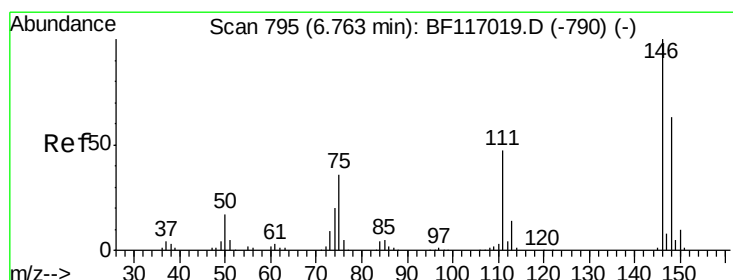
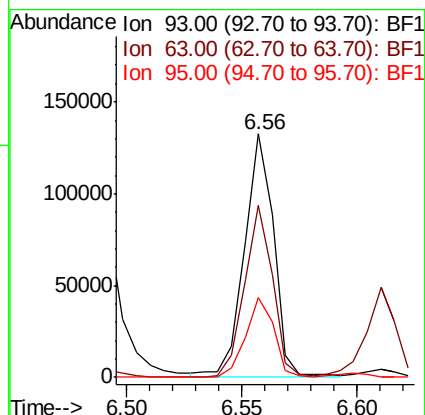
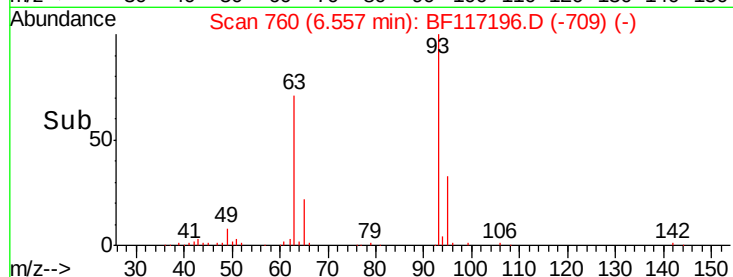
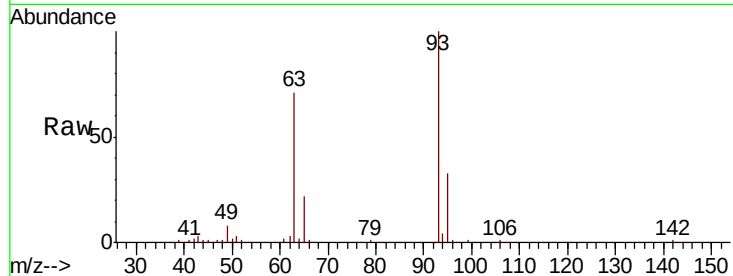
#11
bis(2-Chloroethyl)ether
Concen: 41.527 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion:	93	Resp:	118481
Ion Ratio	Lower	Upper	
93	100		
63	70.6	49.3	89.3
95	32.9	11.5	51.5

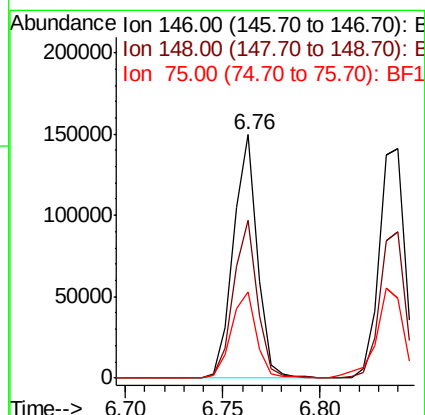
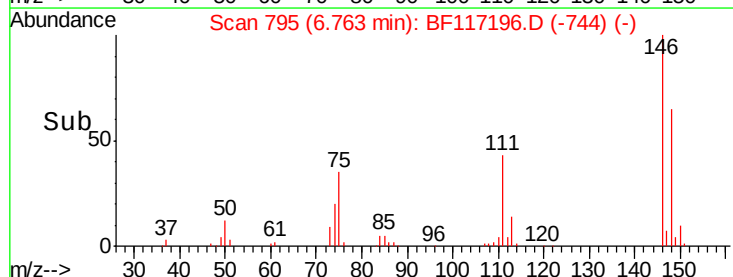
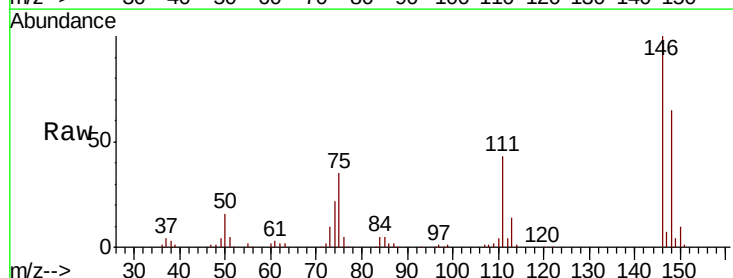
Manual Integrations
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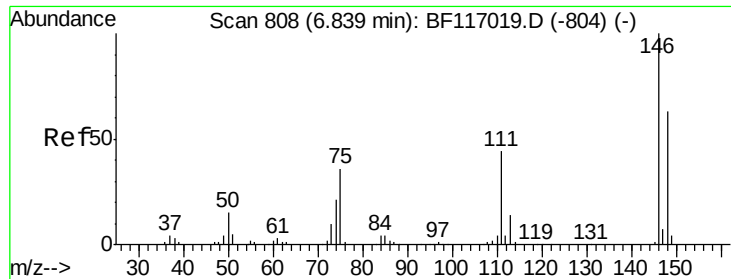
mohammad
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#12
1,3-Dichlorobenzene
Concen: 38.762 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion:	146	Resp:	127854
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.8	76.2
75	35.2	28.7	43.1





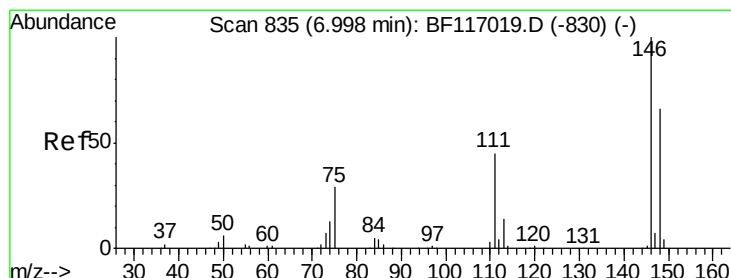
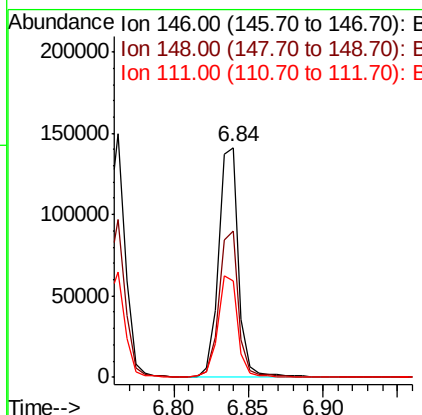
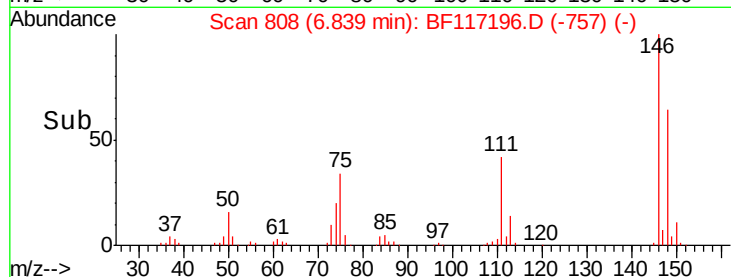
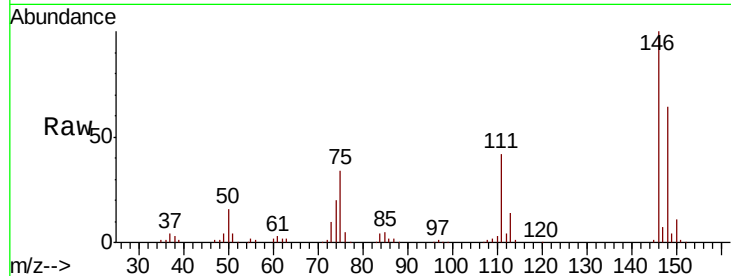
#13
 1,4-Dichlorobenzene
 Concen: 39.607 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	76.0
111	41.8	35.0	52.6

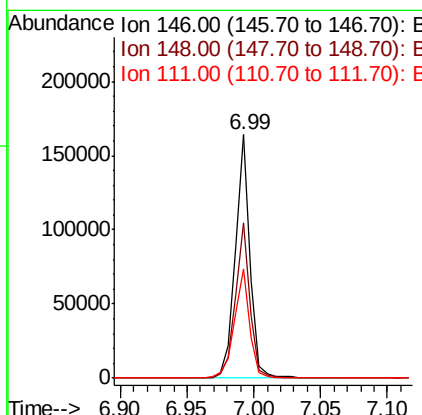
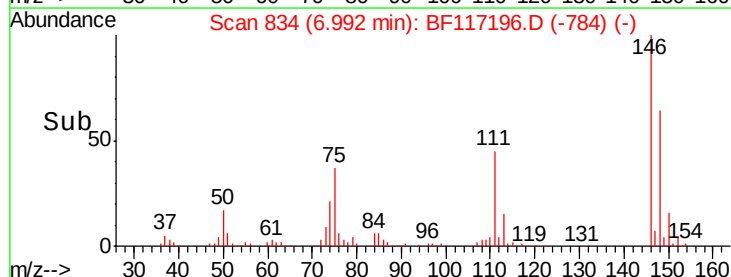
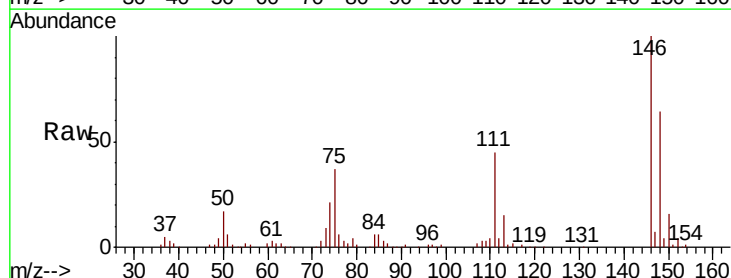
Manual Integrations
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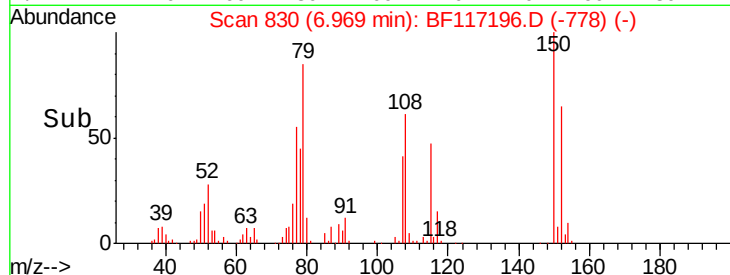
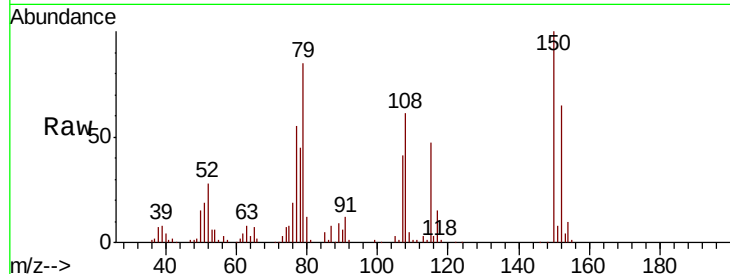
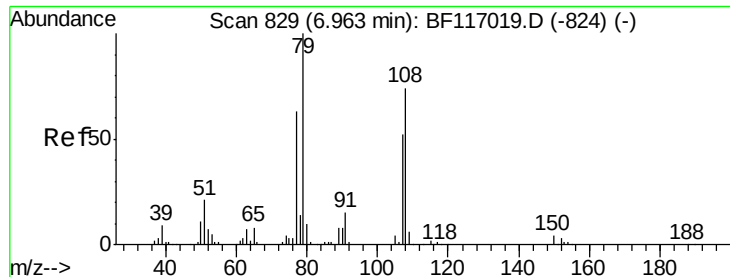
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#14
 1,2-Dichlorobenzene
 Concen: 40.661 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	52.6	78.8
111	44.9	36.2	54.2





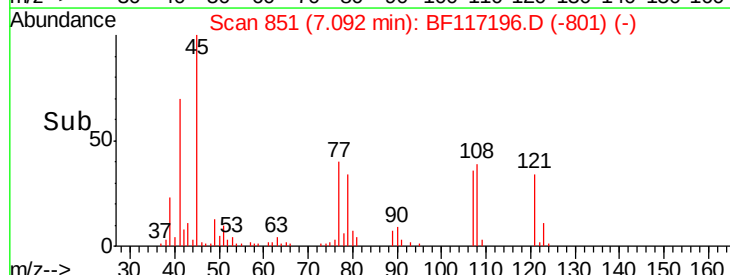
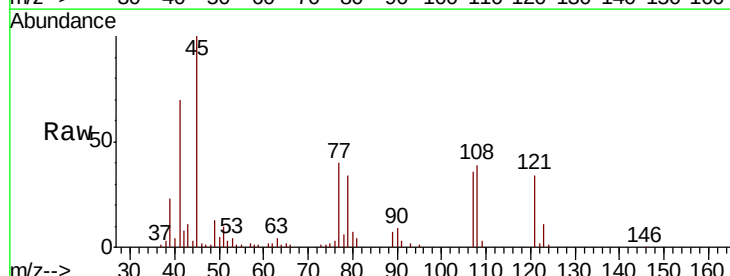
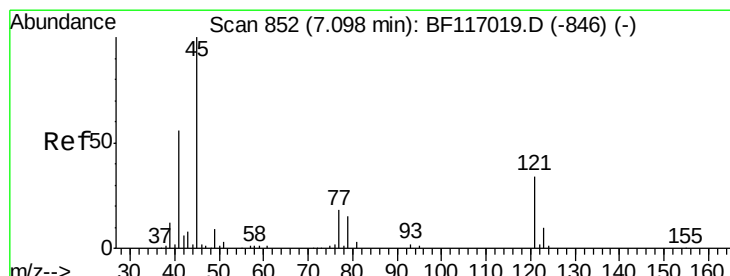
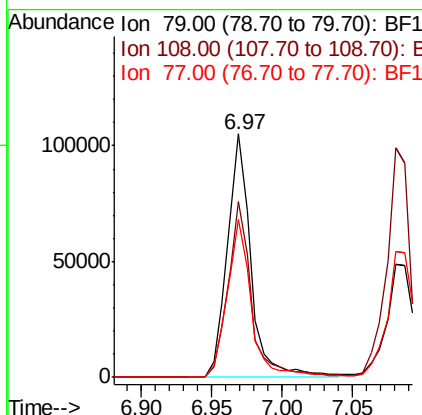
#15
Benzyl Alcohol
Concen: 45.459 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tot Ion	Ratio	Resp	Lower	Upper
79	100	122754		
108	72.0	59.4	89.0	
77	64.6	50.2	75.2	

Instrument :
BNA_F
ClientSampleId :
PB123244BS

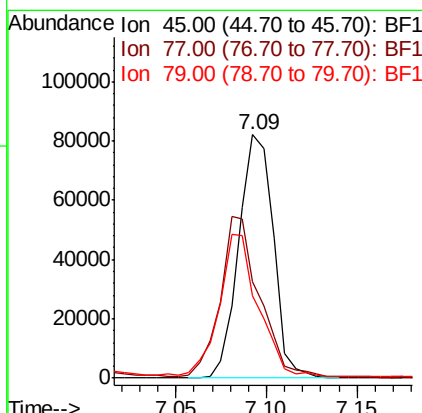
Manual Integrations
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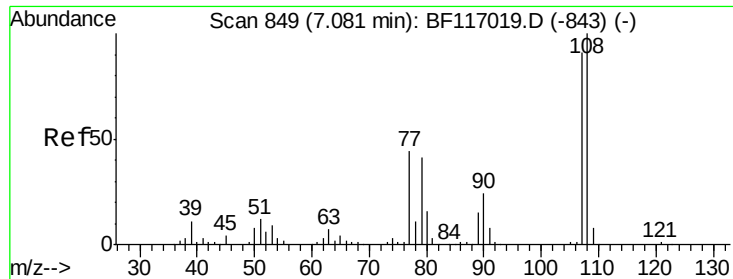
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.679 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	109029		
77	39.5	2.7	42.7	
79	33.7	0.0	38.9	





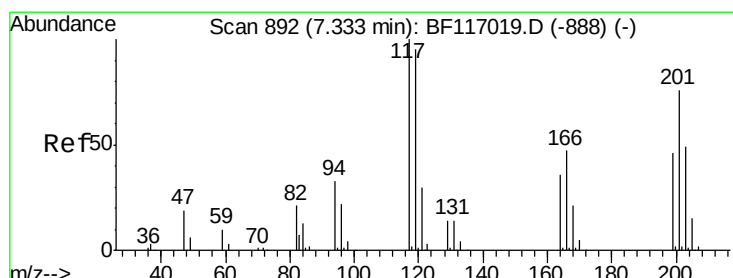
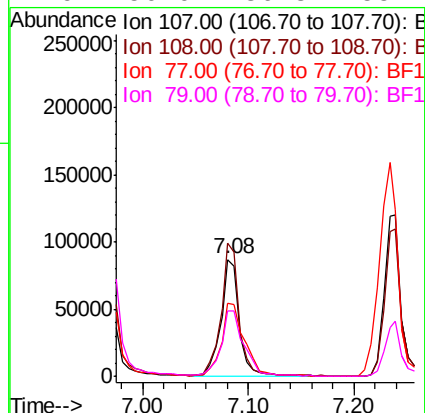
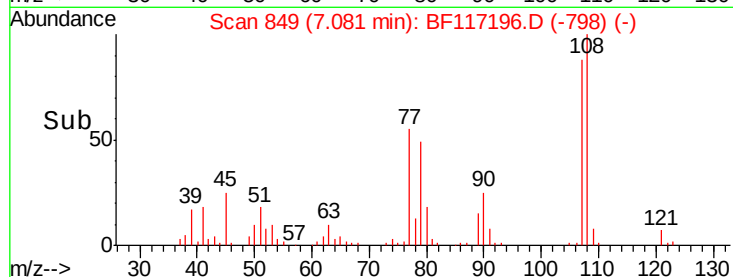
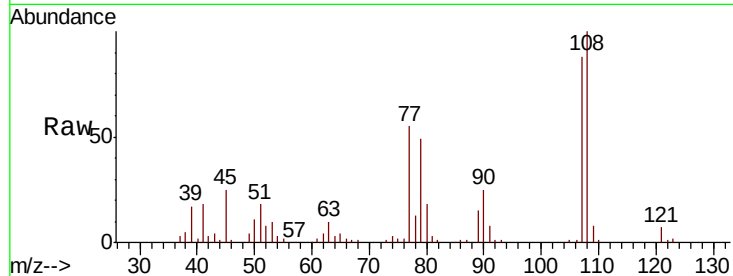
#17
2-Methylphenol
Concen: 42.766 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampled :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.1	87.7	131.5	
77	62.5	38.6	58.0	
79	56.0	36.8	55.2	

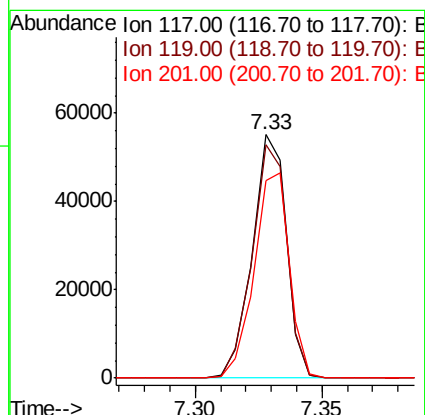
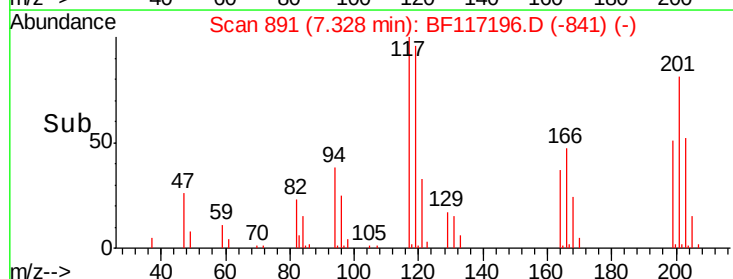
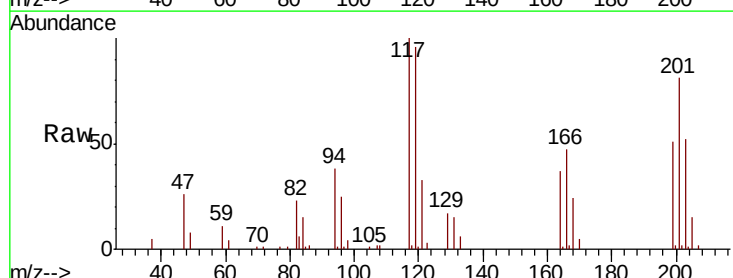
Manual Integrations
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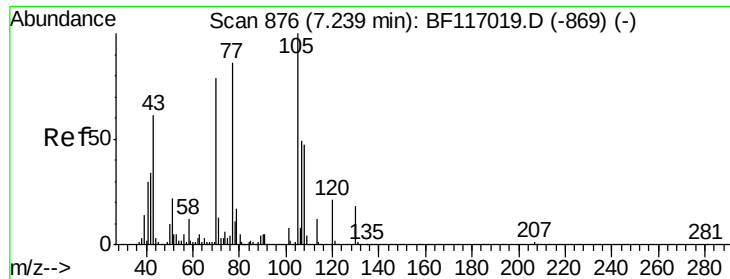
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#18
Hexachloroethane
Concen: 40.166 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.9	75.8	113.8	
201	81.1	60.9	91.3	





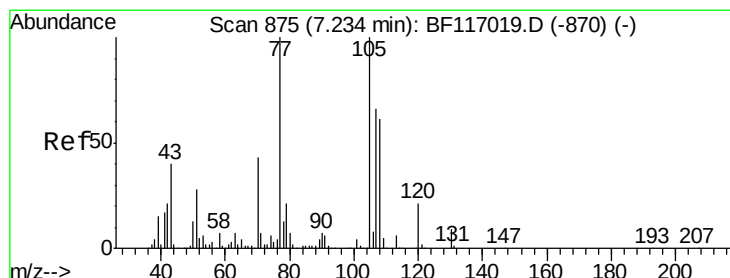
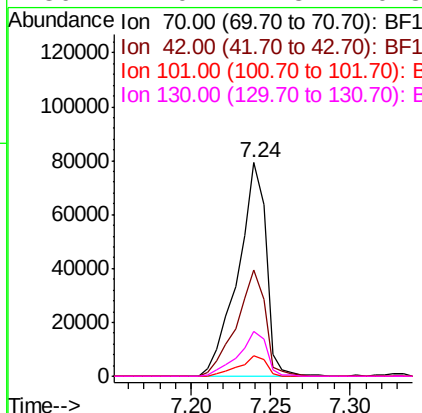
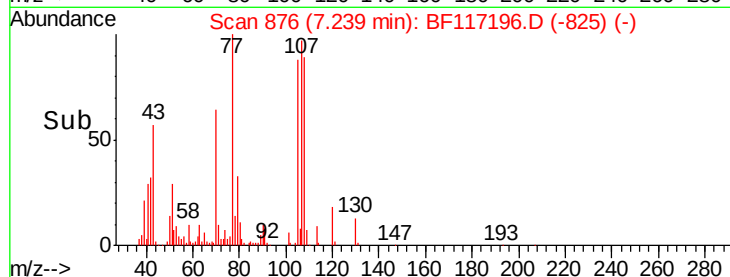
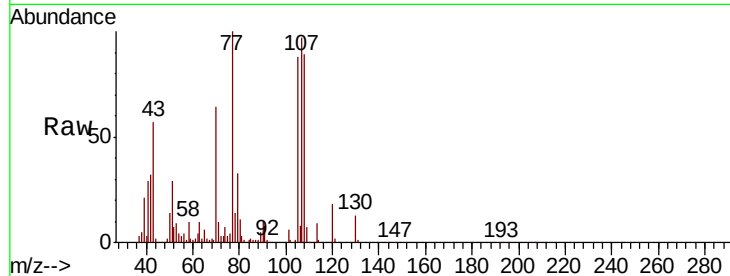
#19
n-Nitroso-di-n-propylamine
Concen: 45.542 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		97654		
42	49.9	34.0	51.0		
101	9.9	7.8	11.6		
130	21.0	17.8	26.8		

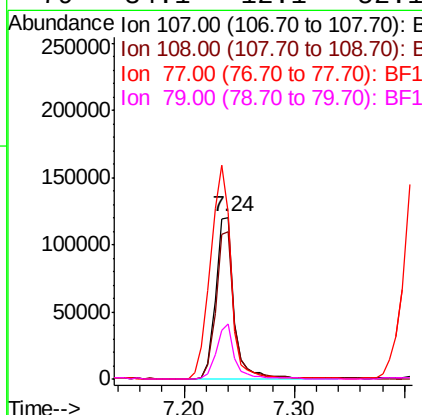
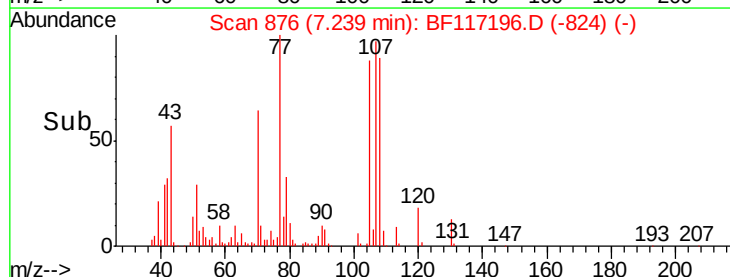
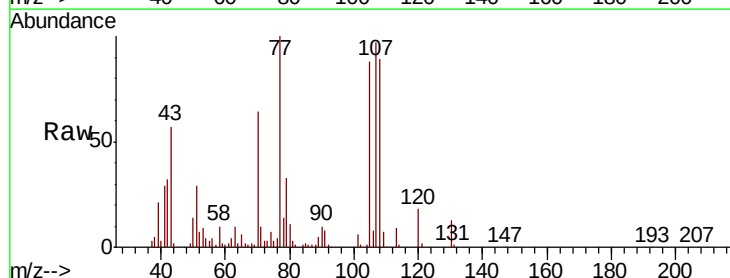
Manual Integrations
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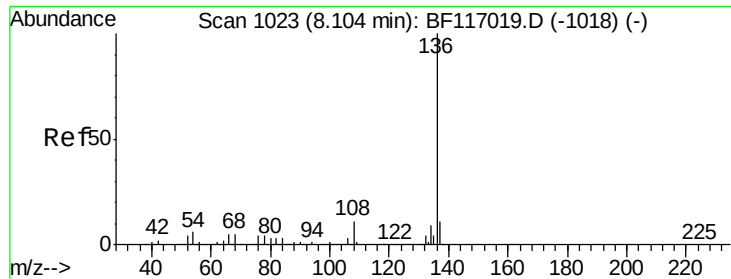
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#20
3+4-Methylphenols
Concen: 45.050 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		138240		
108	91.4	72.6	112.6		
77	103.1	132.1	172.1		
79	34.1	12.1	52.1		





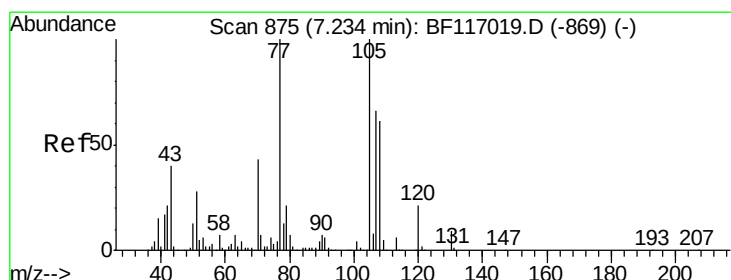
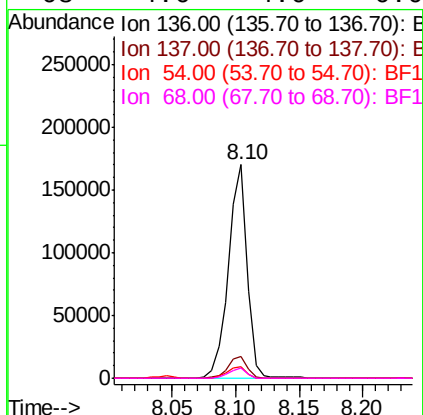
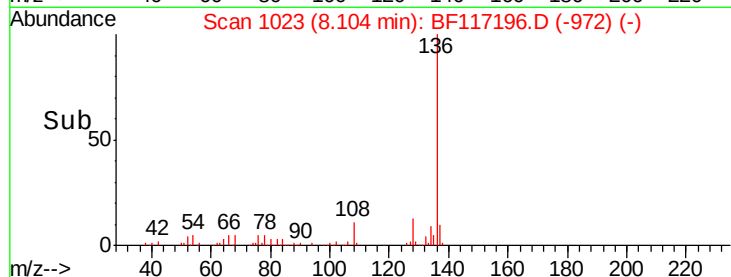
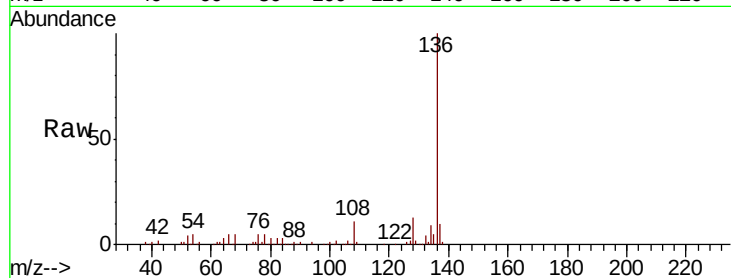
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampled :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	172231		
137	10.5	9.0	13.4	
54	5.3	4.5	6.7	
68	4.6	4.0	6.0	

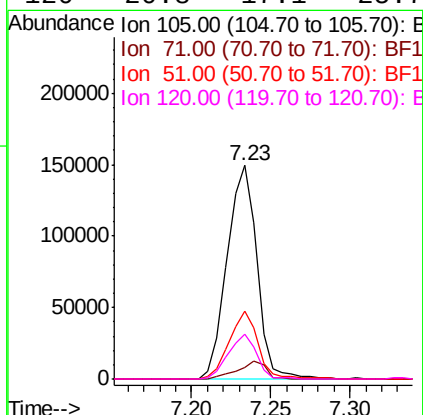
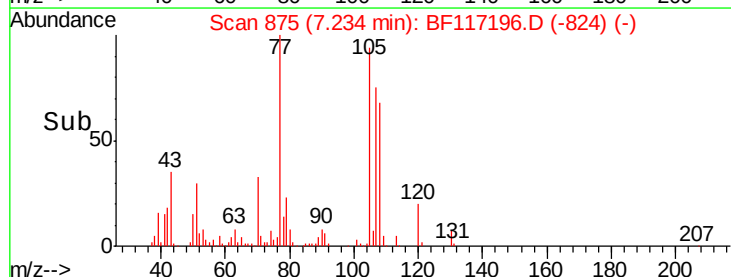
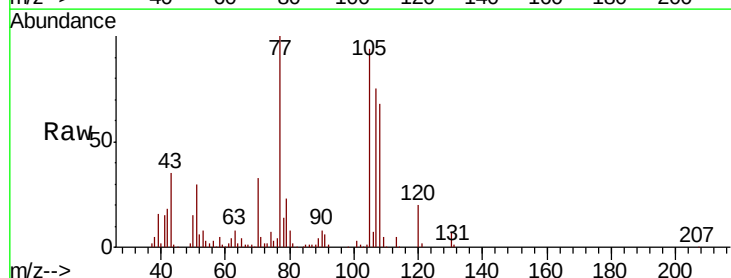
Manual Integrations
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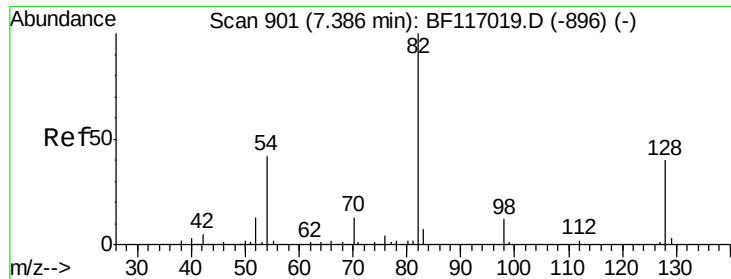
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#22
Acetophenone
Concen: 44.477 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	194623		
71	5.5	5.7	8.5#	
51	31.5	22.1	33.1	
120	20.8	17.1	25.7	





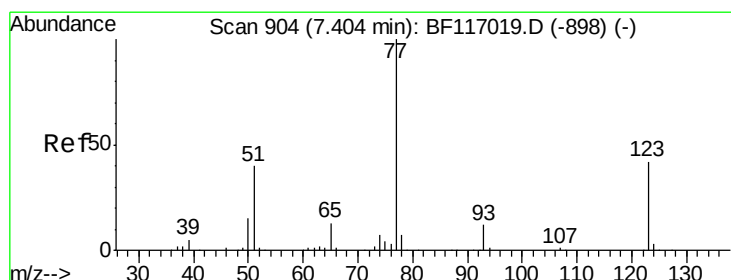
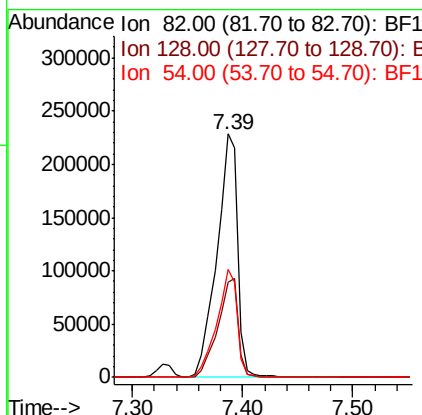
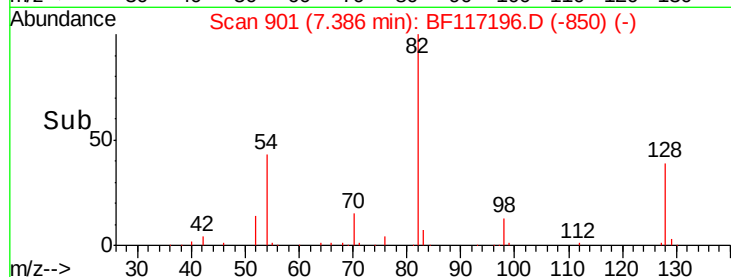
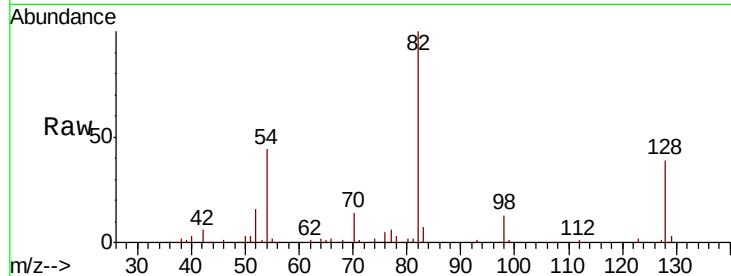
#23
 Nitrobenzene-d5
 Concen: 90.948 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BS

Tot Ion	82	Resp	298122
Ion Ratio	Lower	Upper	
82	100		
128	38.8	32.3	48.5
54	44.3	33.3	49.9

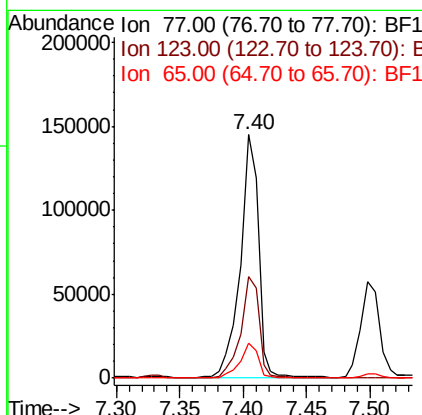
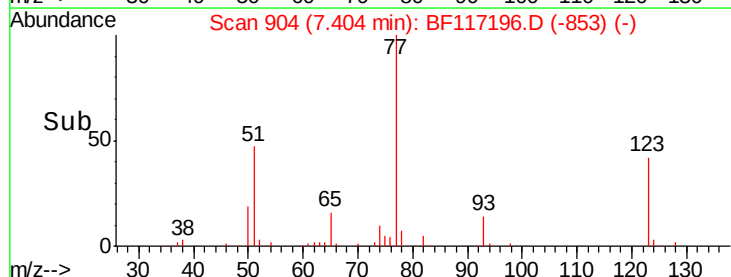
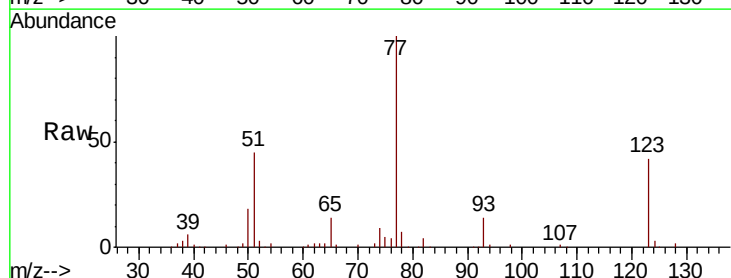
Manual Integrations
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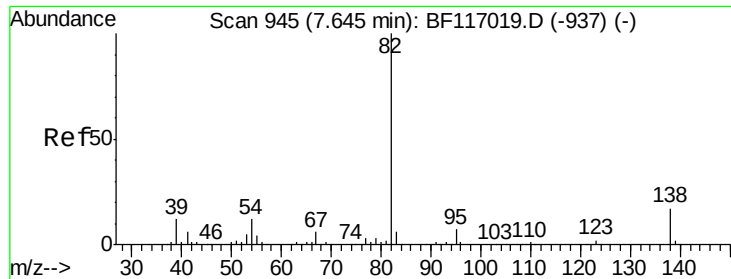
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#24
 Nitrobenzene
 Concen: 44.231 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion	77	Resp	143180
Ion Ratio	Lower	Upper	
77	100		
123	41.6	33.5	50.3
65	14.2	10.5	15.7





#25

Isophorone

Concen: 45.455 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Instrument :

BNA_F

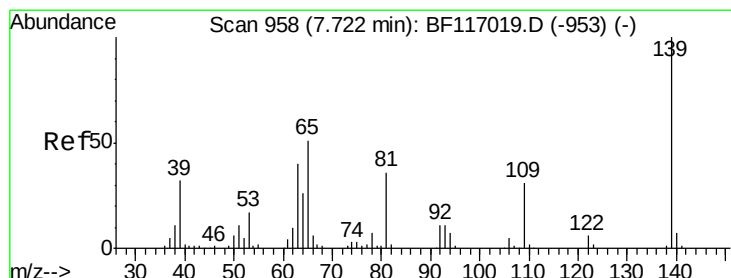
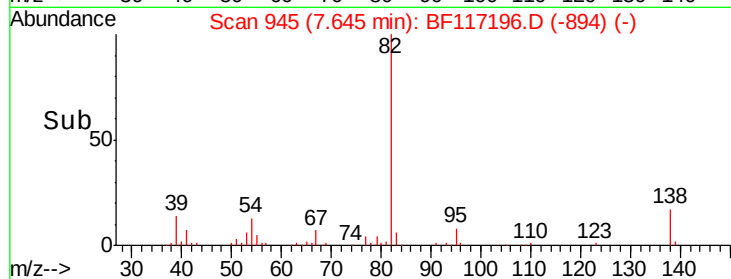
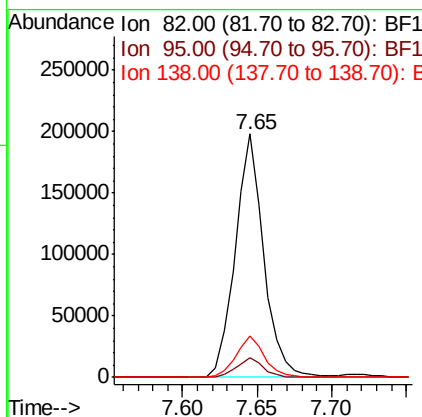
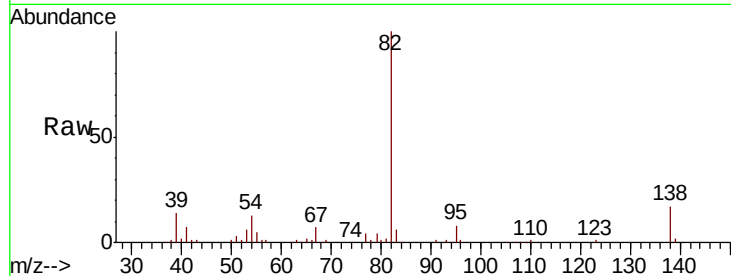
ClientSampleId :

PB123244BS

Tot Ion:	82	Resp:	263815
Ion Ratio	Lower	Upper	
82	100		
95	7.9	5.8	8.6
138	17.1	13.5	20.3

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#26

2-Nitrophenol

Concen: 45.901 ng

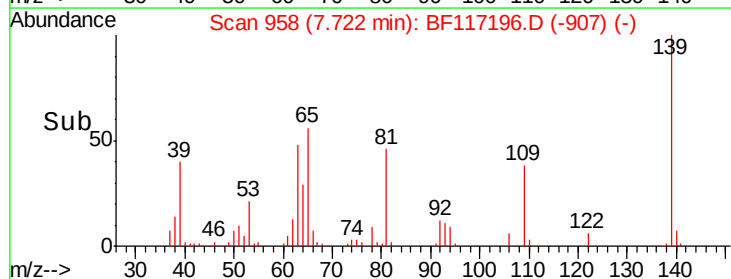
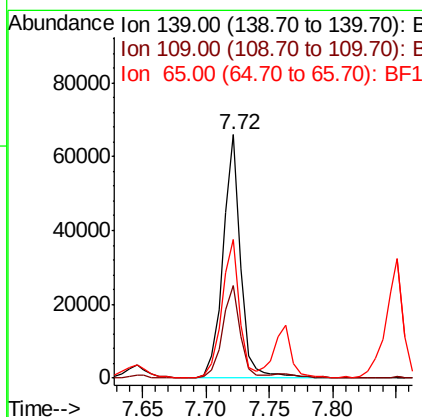
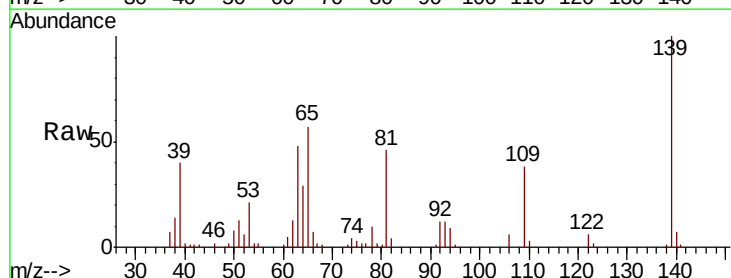
RT: 7.72 min Scan# 958

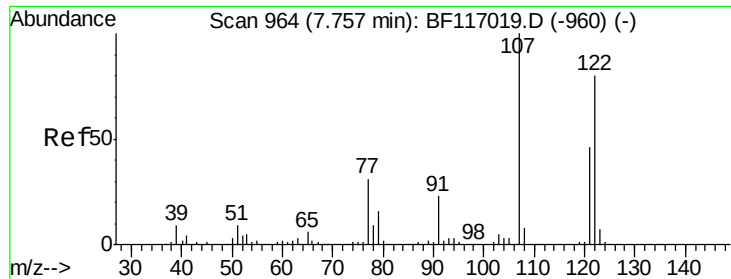
Delta R.T. 0.00 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Tgt Ion:	139	Resp:	63823
Ion Ratio	Lower	Upper	
139	100		
109	38.1	24.6	36.8#
65	56.9	40.9	61.3





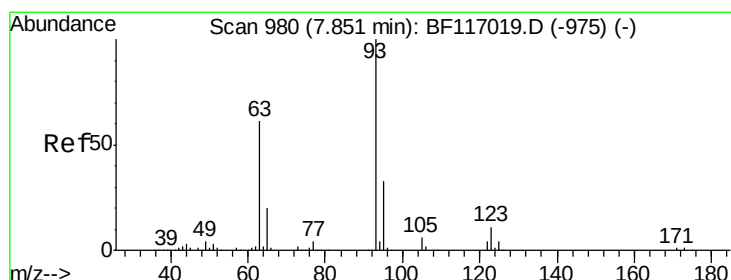
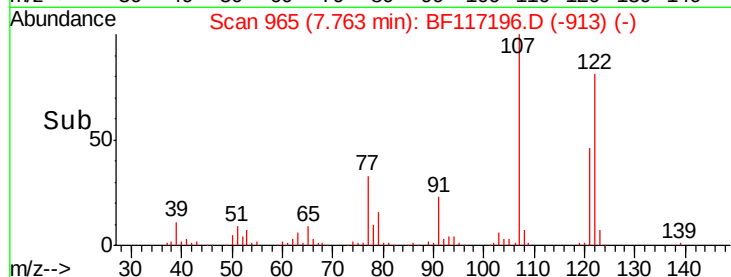
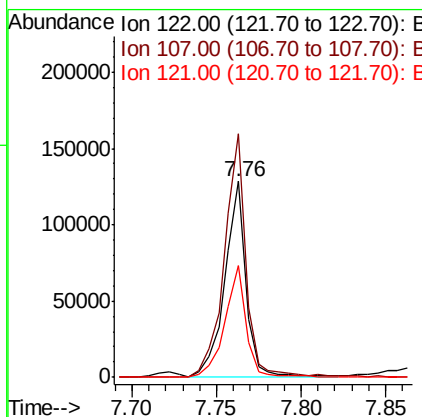
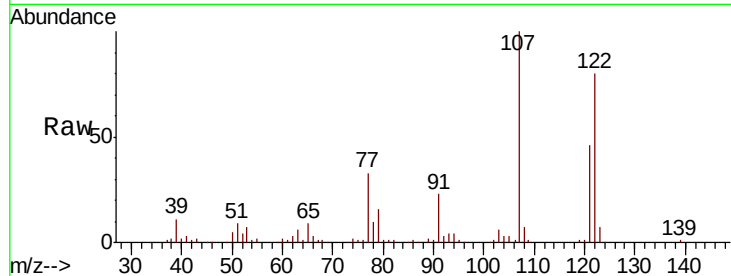
#27
 2,4-Dimethylphenol
 Concen: 50.745 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		111892		
107	124.3	98.9	148.3		
121	57.0	45.3	67.9		

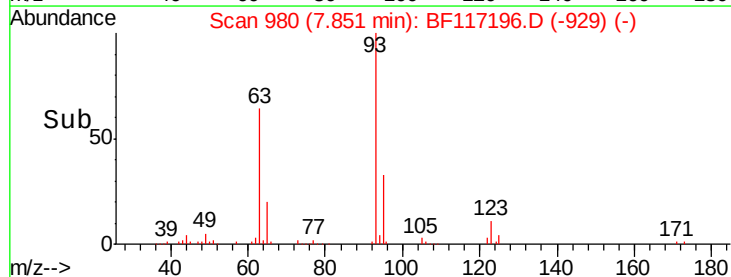
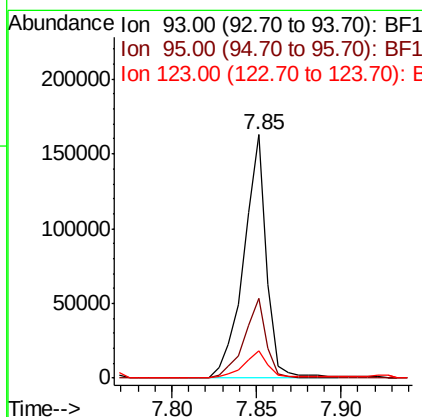
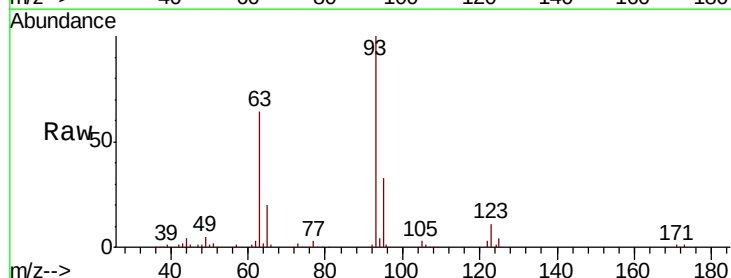
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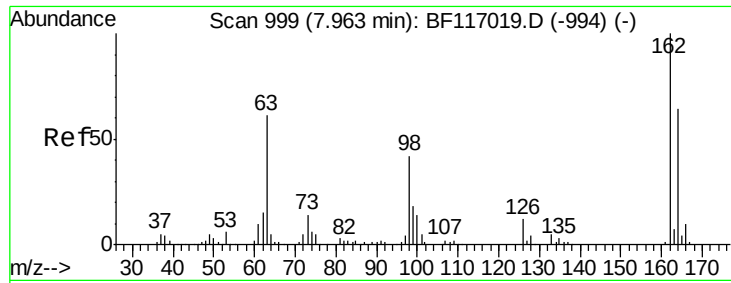
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#28
 bis(2-Chloroethoxy)methane
 Concen: 42.819 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		153113		
95	32.8	26.2	39.4		
123	11.1	9.0	13.6		





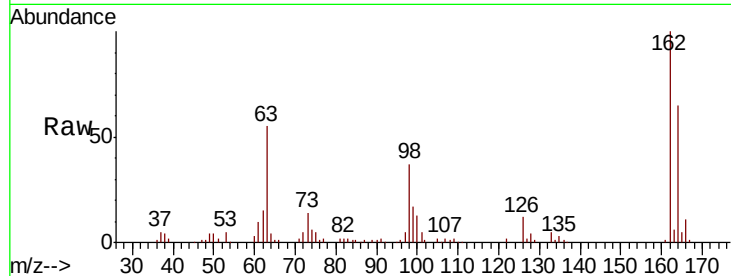
#29
2,4-Dichlorophenol
Concen: 46.009 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampled :
PB123244BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	65.2	43.8	83.8
98	37.0	22.1	62.1

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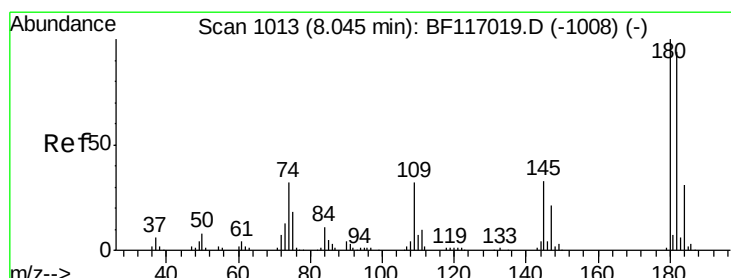
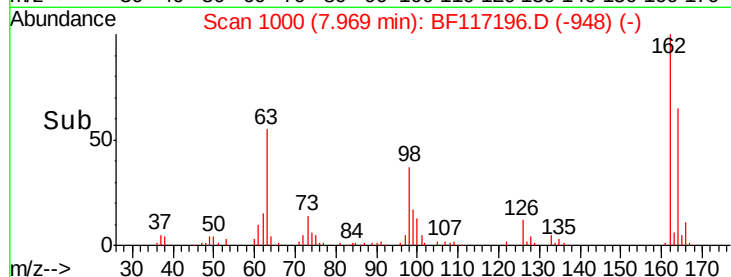
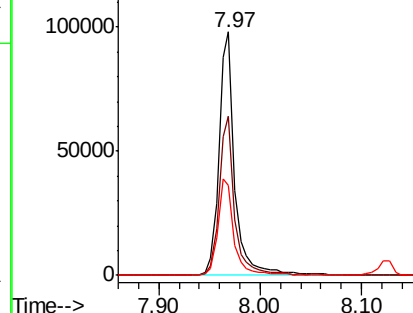


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 42.443 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

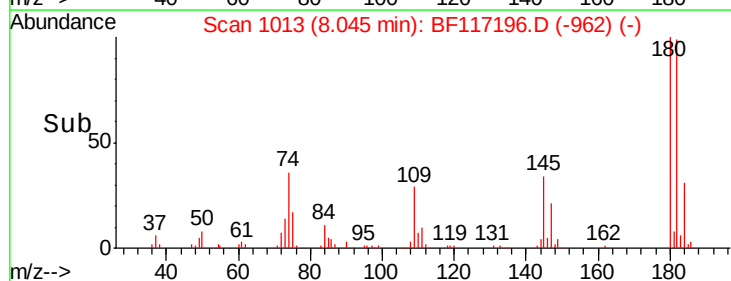
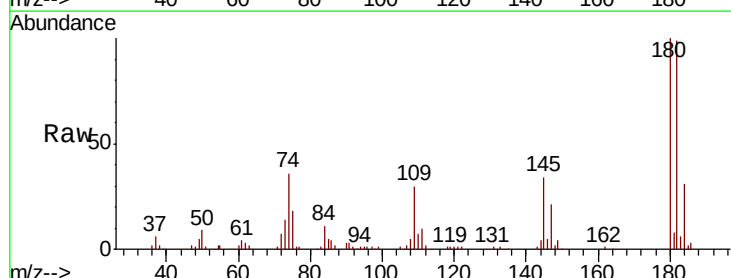
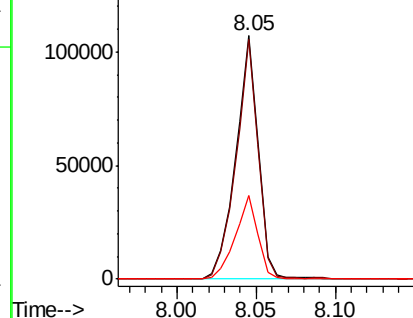
Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	98.6	75.4	113.0
145	34.4	26.7	40.1

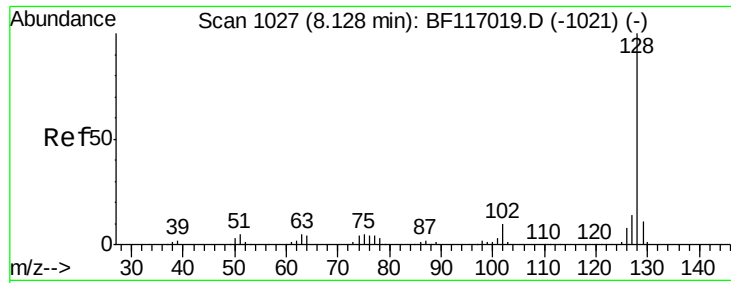
Abundance

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





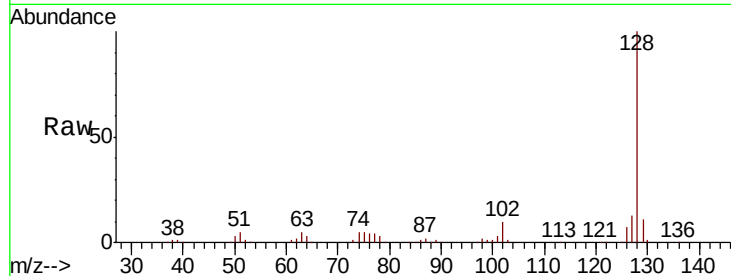
#31
Naphthalene
Concen: 44.713 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	12.5	10.8	16.2

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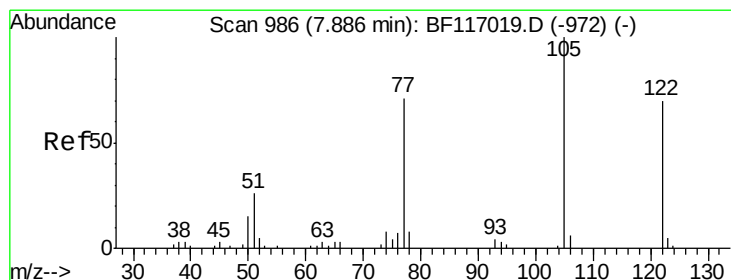
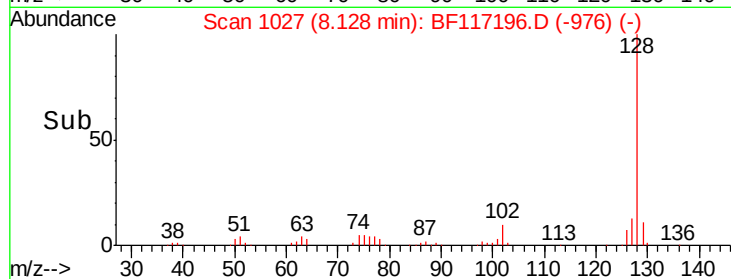
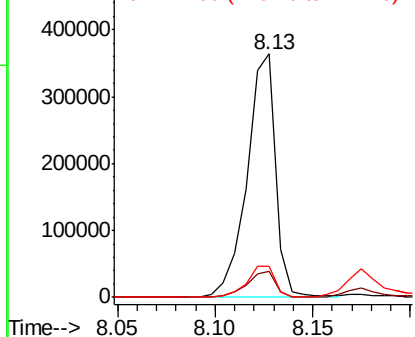


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 38.461 ng
RT: 7.92 min Scan# 992
Delta R.T. 0.04 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

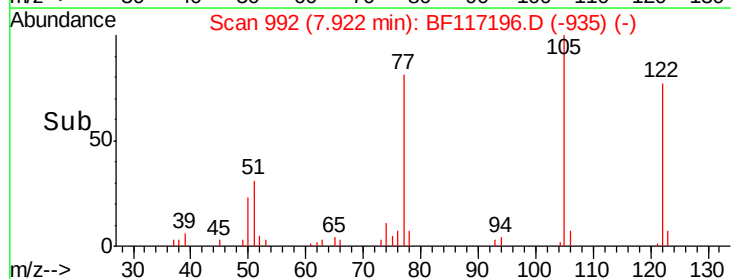
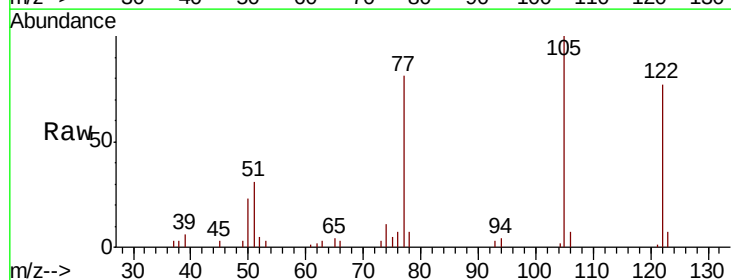
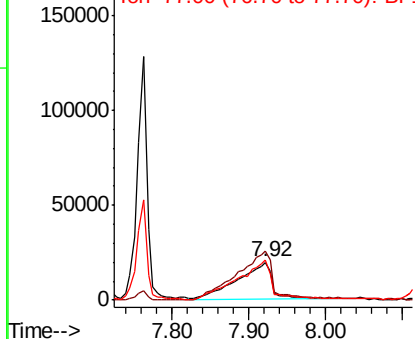
Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.6	114.8	154.8
77	106.0	78.7	118.7

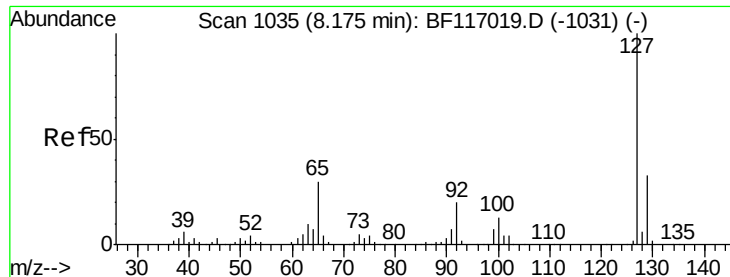
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





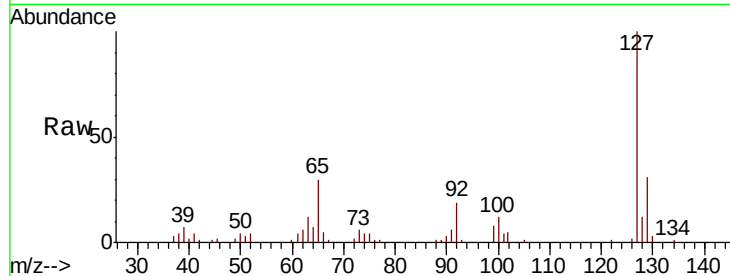
#33
4-Chloroaniline
Concen: 16.205 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

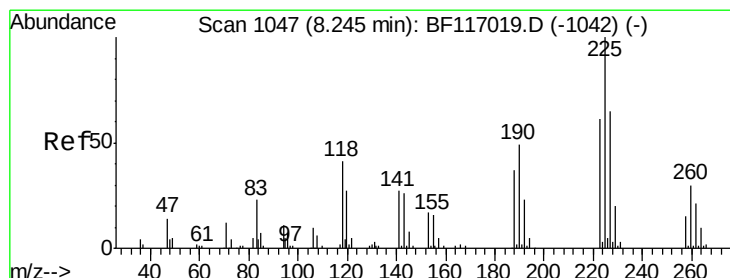
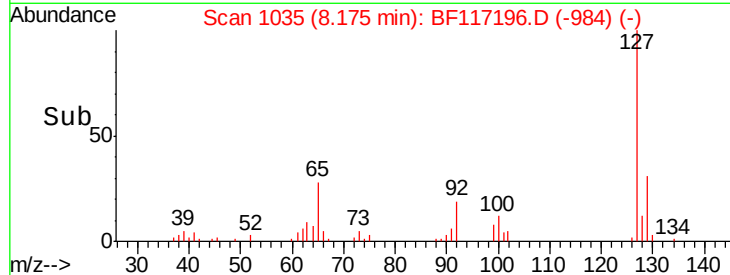
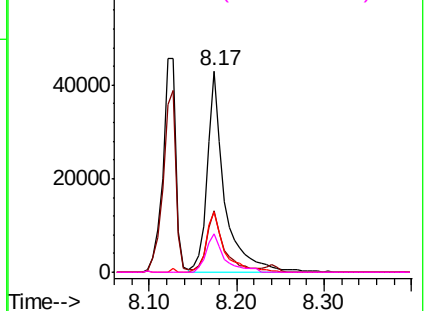
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		59536		
129	30.8	26.2	39.2		
65	29.8	23.5	35.3		
92	18.8	15.9	23.9		

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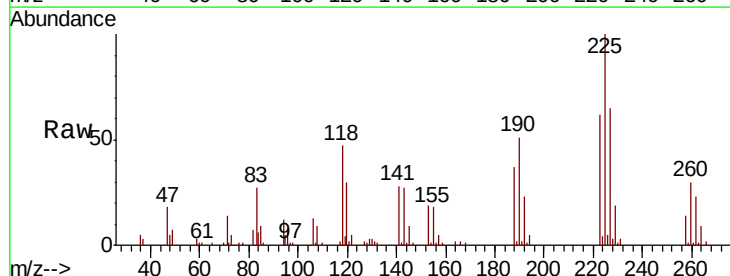


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

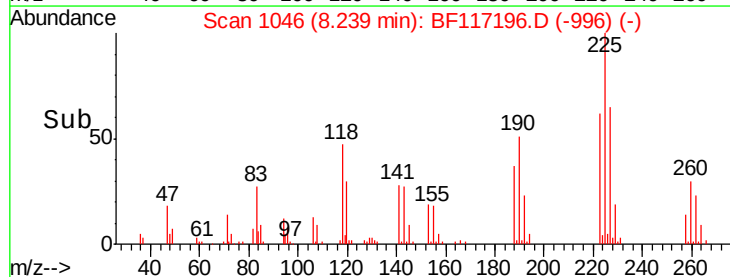
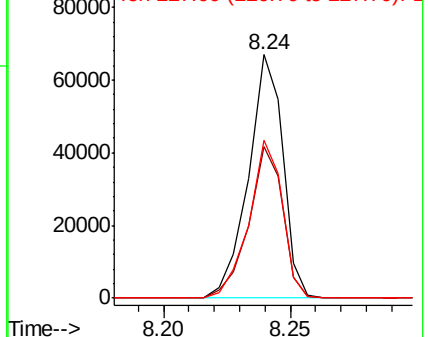


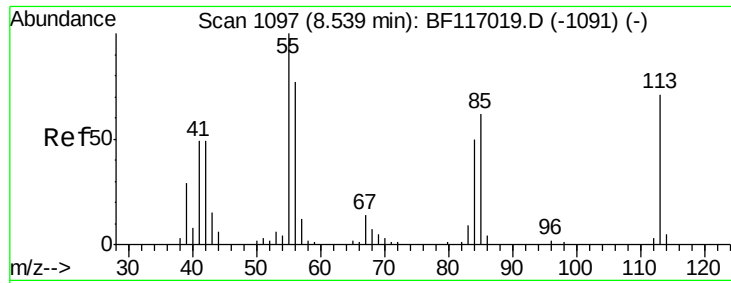
#34
Hexachlorobutadiene
Concen: 44.938 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		63639		
223	62.2	49.1	73.7		
227	64.6	52.2	78.2		



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





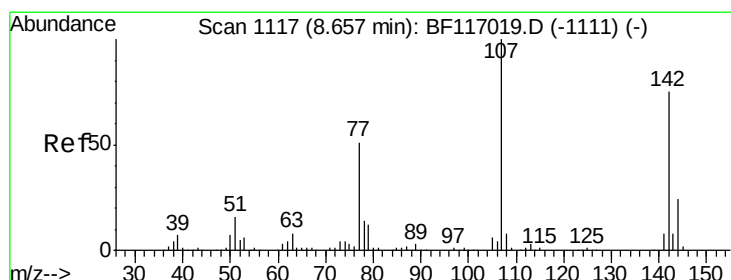
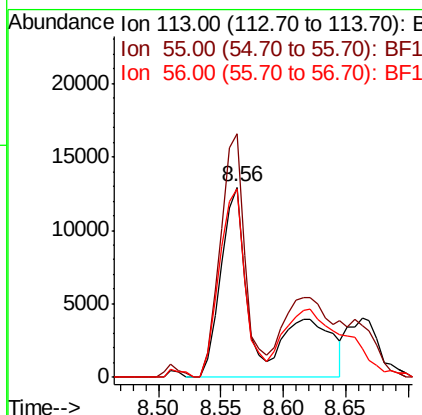
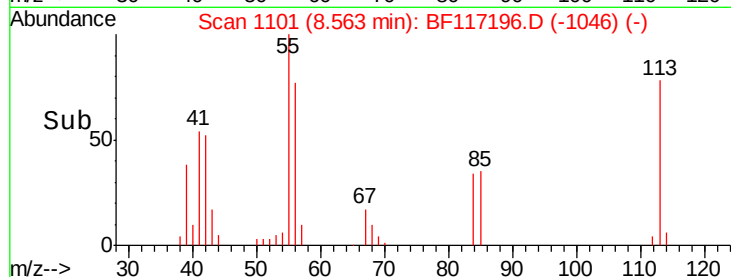
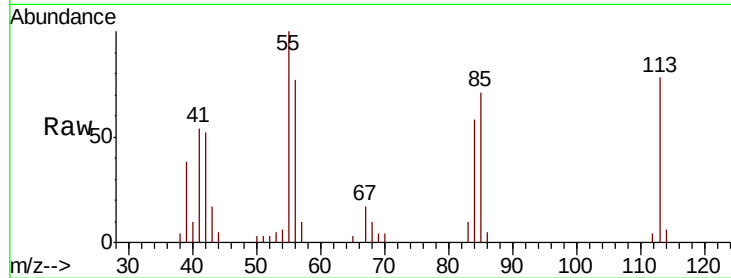
#35
Caprolactam
Concen: 36.190 ng/ml
RT: 8.56 min Scan# 1101
Delta R.T. 0.02 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		28301		
55	127.9		120.6	160.6	
56	98.7		88.8	128.8	

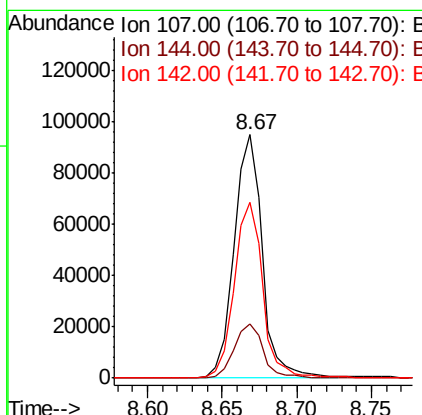
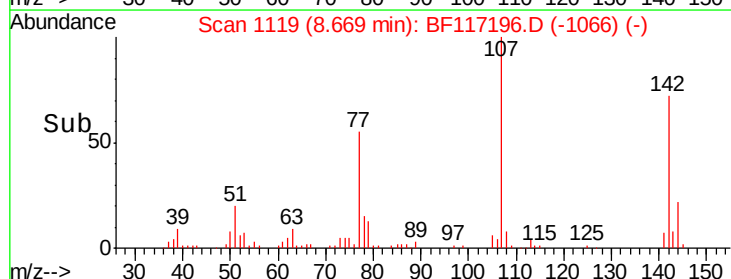
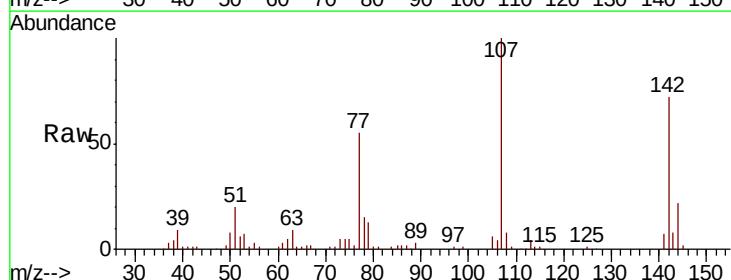
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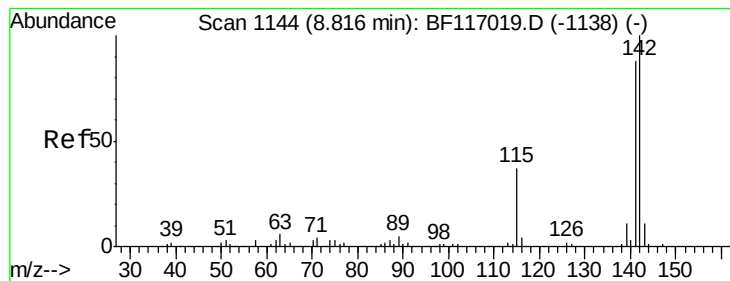
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#36
4-Chloro-3-methylphenol
Concen: 46.546 ng/ml
RT: 8.67 min Scan# 1119
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		125394		
144	22.5		19.2	28.8	
142	72.1		59.6	89.4	





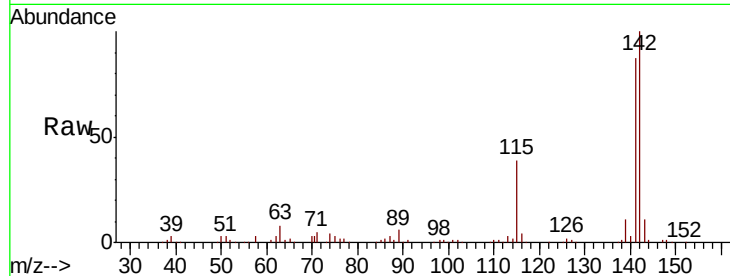
#37
2-Methylnaphthalene
Concen: 46.532 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.7	106.1
115	39.1	29.4	44.0

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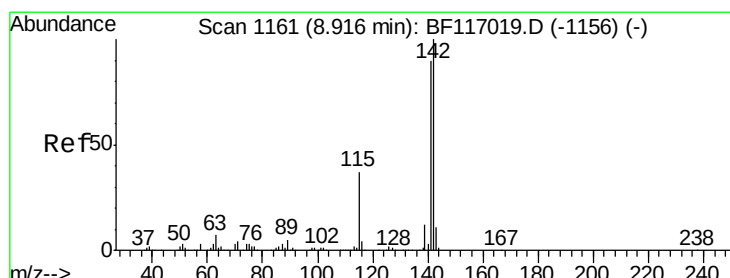
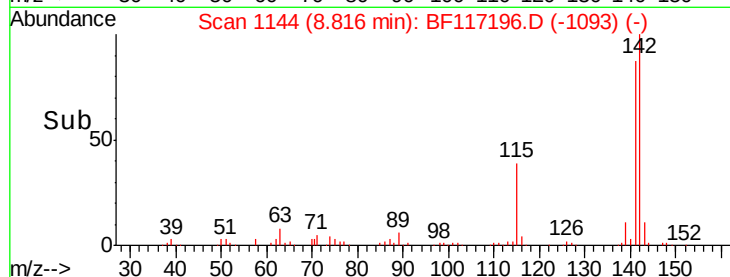
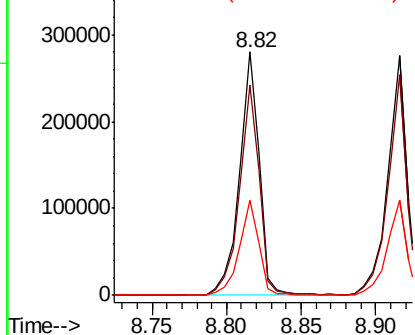


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.528 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

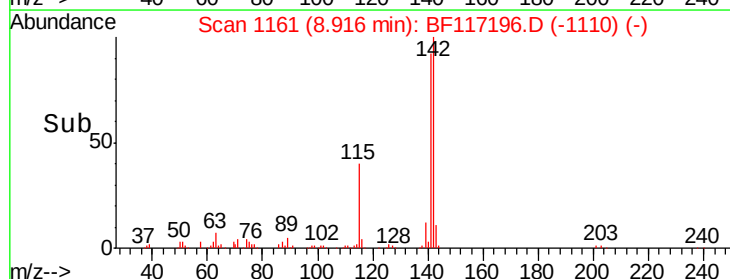
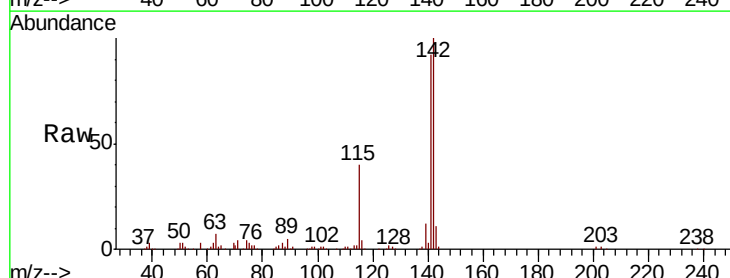
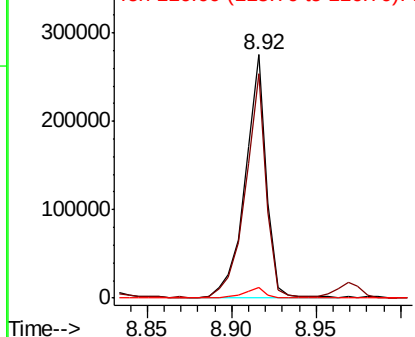
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.9	107.9
116	4.4	3.2	4.8

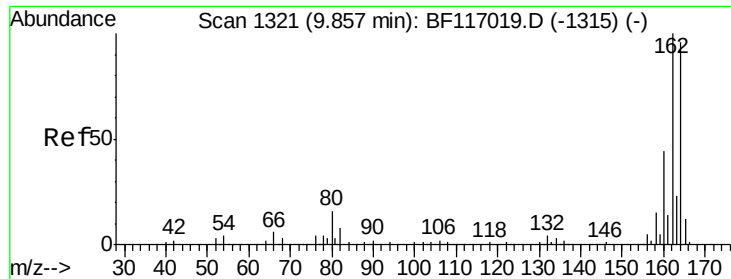
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





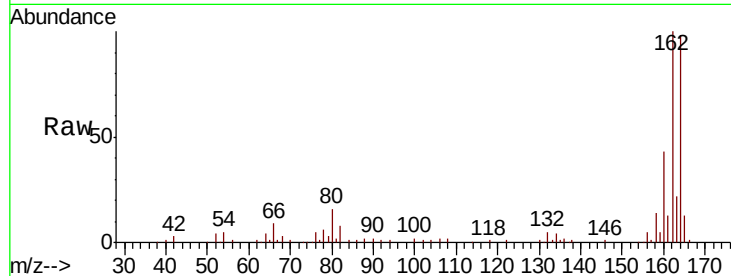
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampled :
PB123244BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.4	125.2
160	44.1	36.4	54.6

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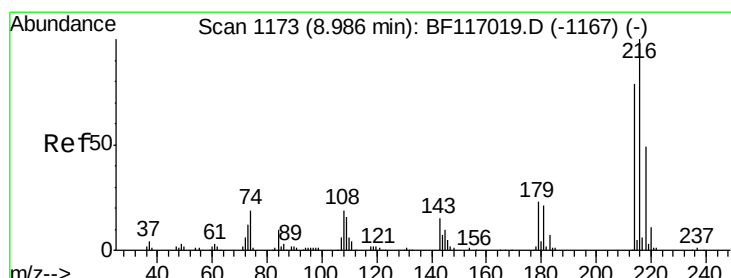
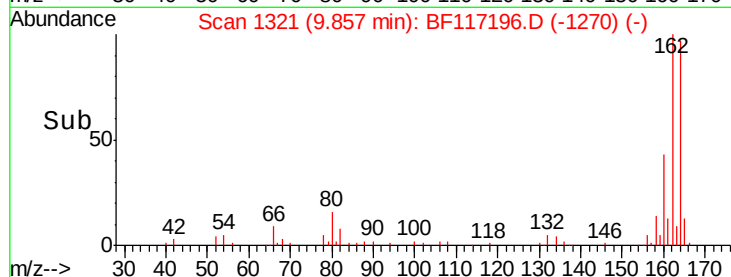
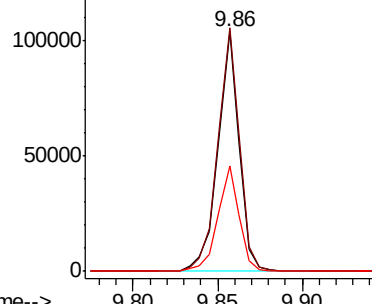


Abundance

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: 43.796 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
216	100		
214	81.0	63.6	95.4
179	24.3	18.3	27.5
108	26.7	17.8	26.6#

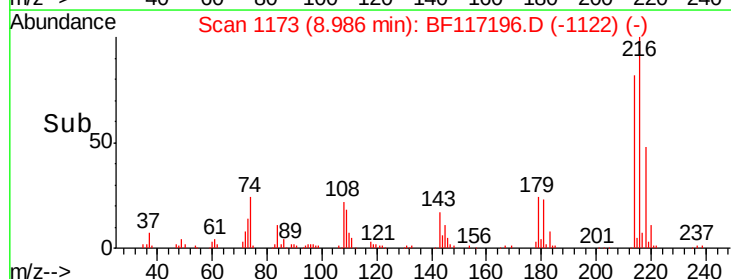
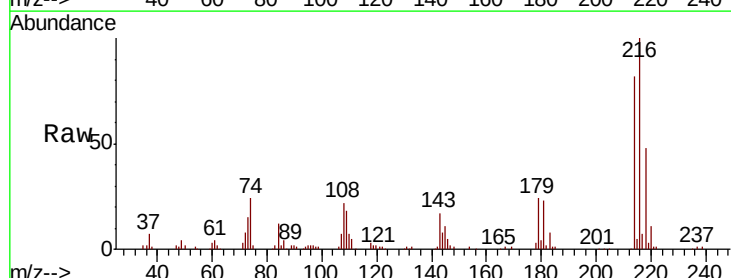
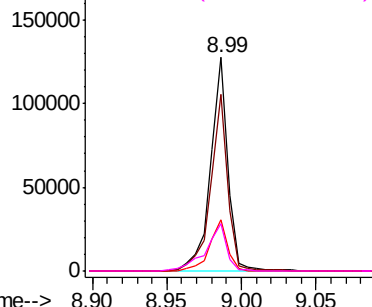
Abundance

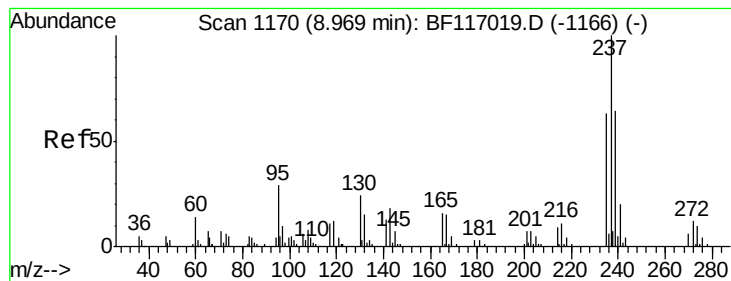
Ion 216.00 (215.70 to 216.70): E

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: 105.230 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Instrument :

BNA_F

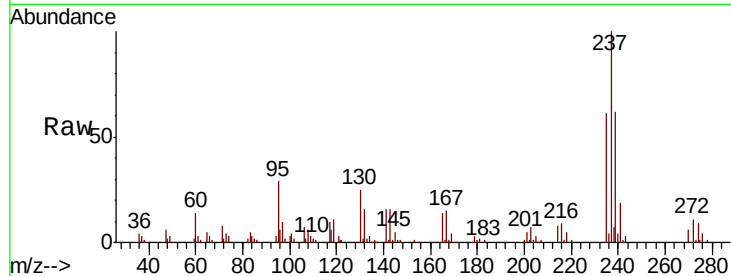
ClientSampleId :

PB123244BS

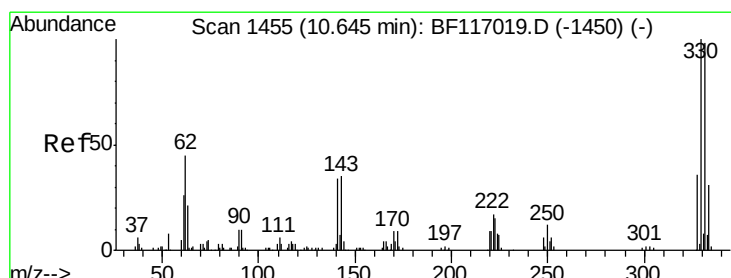
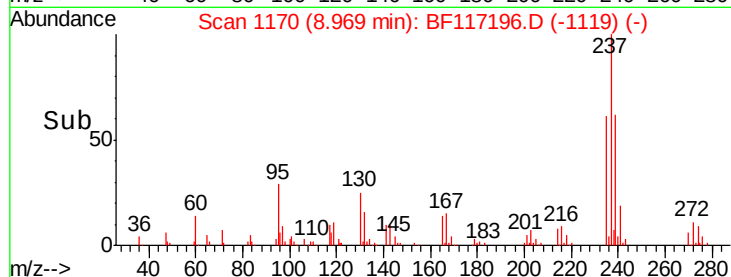
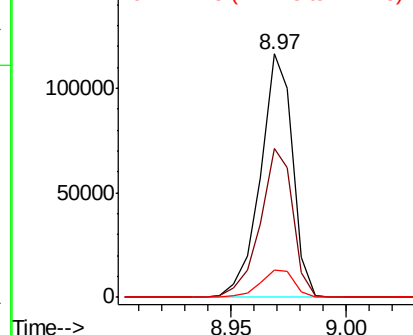
Tot Ion:	237	Resp:	113149
Ion Ratio		Lower	Upper
237	100		
235	60.9	43.2	83.2
272	11.4	0.0	31.9

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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: 106.101 ng

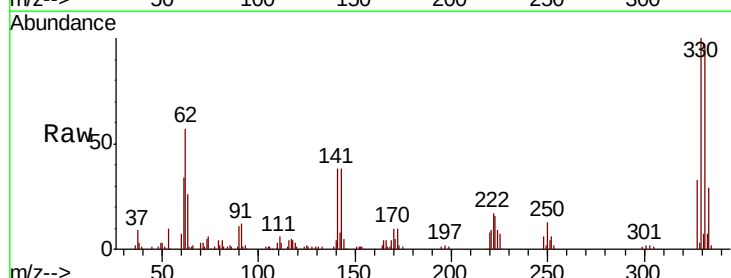
RT: 10.65 min Scan# 1456

Delta R.T. 0.01 min

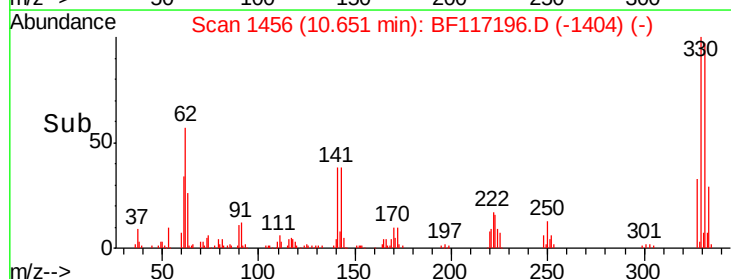
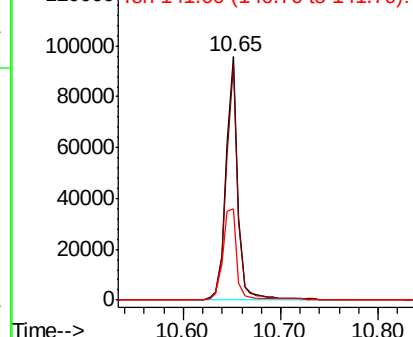
Lab File: BF117196.D

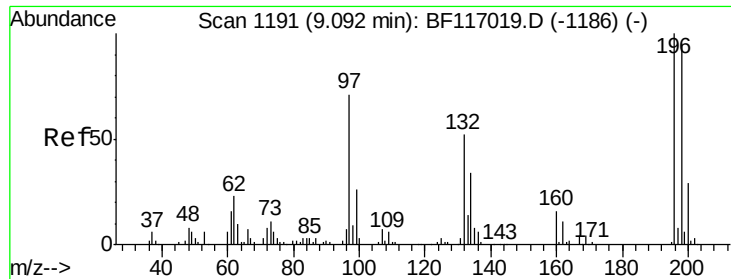
Acq: 20 Sep 2019 20:03

Tgt Ion:	330	Resp:	81413
Ion Ratio		Lower	Upper
330	100		
332	95.3	78.0	117.0
141	43.5	35.8	53.6



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





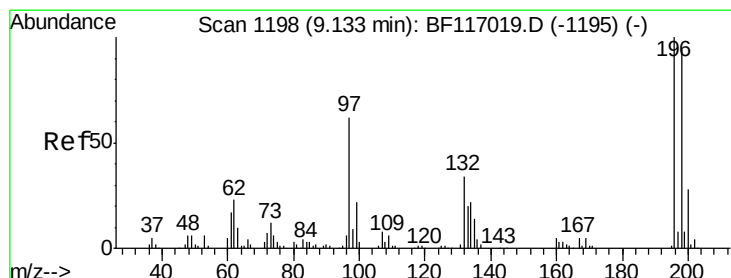
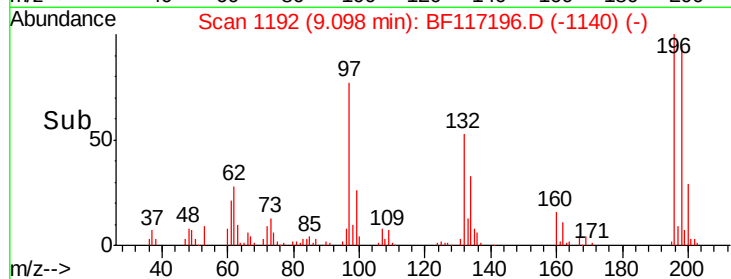
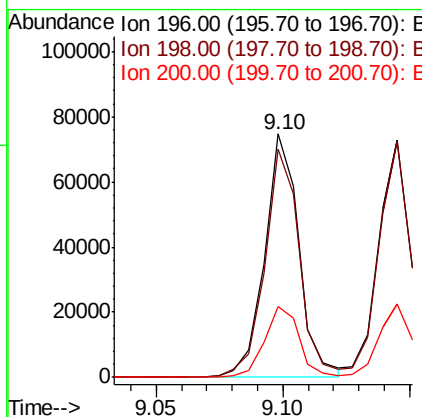
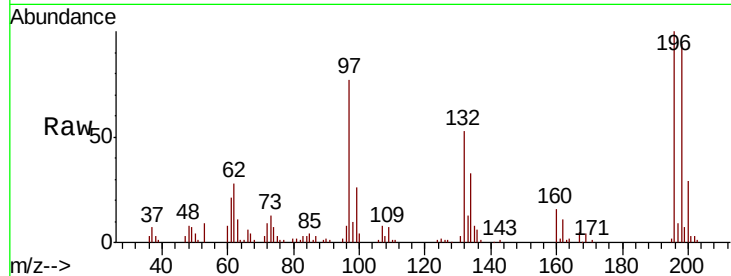
#43
 2,4,6-Trichlorophenol
 Concen: 44.113 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleID :
 PB123244BS

Tot Ion:	196	Resp:	70971
Ion Ratio	Lower	Upper	
196	100		
198	93.8	75.7	113.5
200	29.3	23.3	34.9

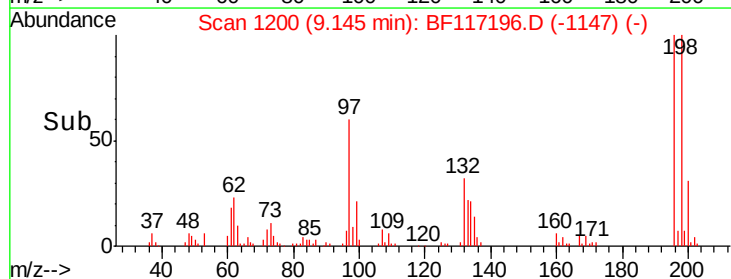
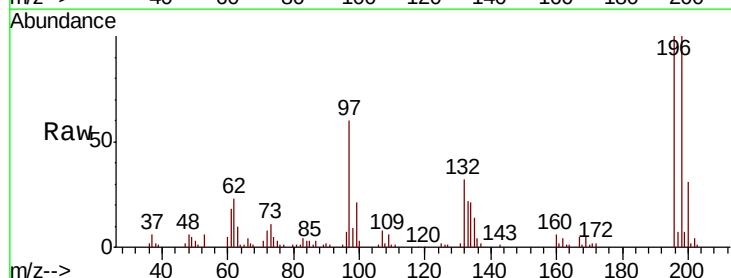
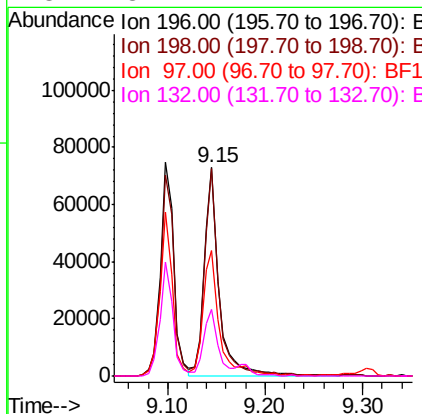
Manual Integrations
 APPROVED

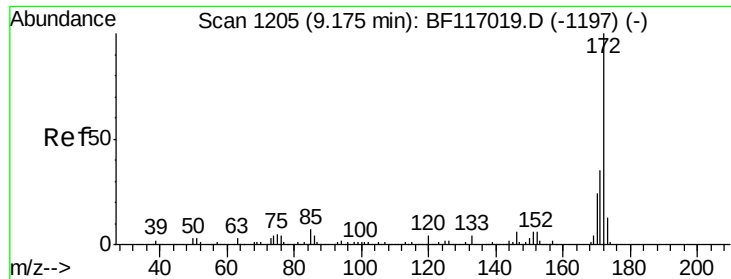
mohammad
 9/24/2019 9:12:46 AM



#44
 2,4,5-Trichlorophenol
 Concen: 45.333 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion:	196	Resp:	77924
Ion Ratio	Lower	Upper	
196	100		
198	99.7	74.6	112.0
97	60.5	49.5	74.3
132	32.1	27.4	41.2





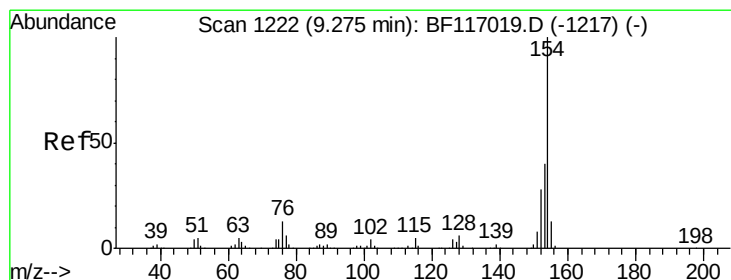
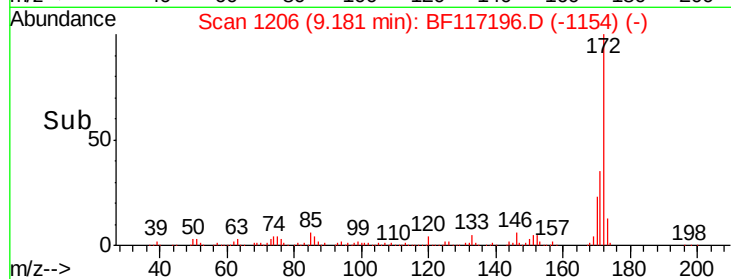
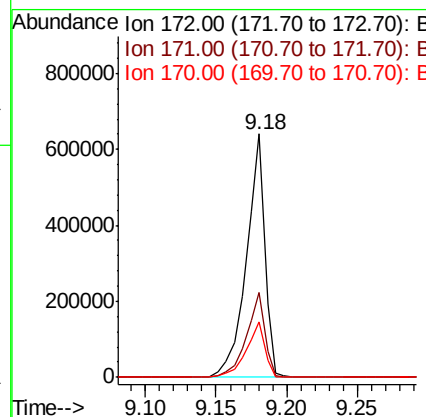
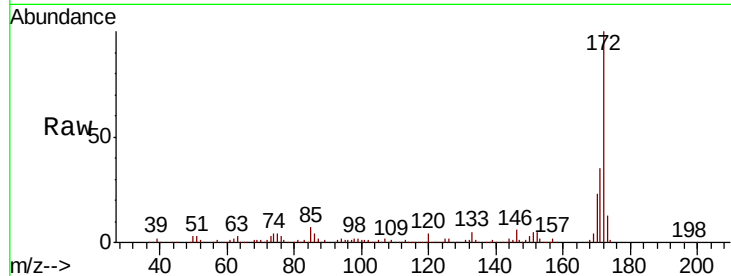
#45
2-Fluorobiphenyl
Concen: 99.684 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	585321		
171	34.9		28.2	42.2
170	22.9		18.9	28.3

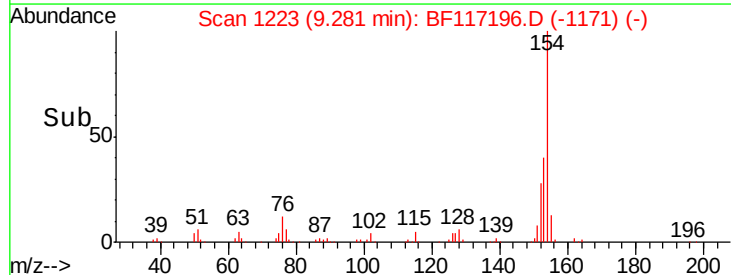
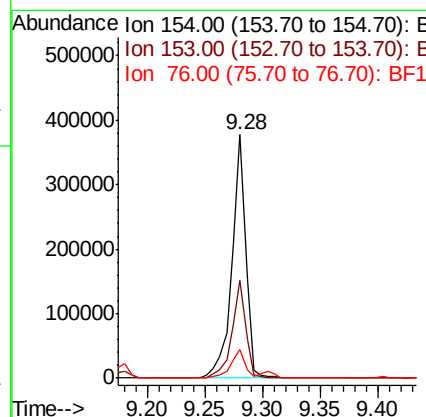
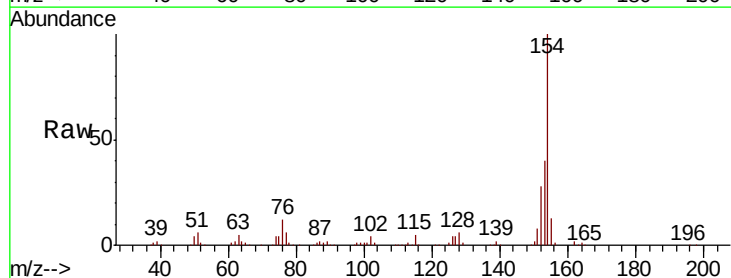
Manual Integrations
APPROVED

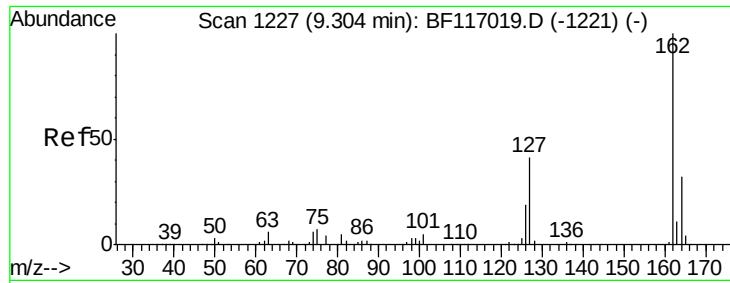
mohammad
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#46
1,1'-Biphenyl
Concen: 43.603 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	314007		
153	39.9		20.0	60.0
76	11.7		0.0	32.7





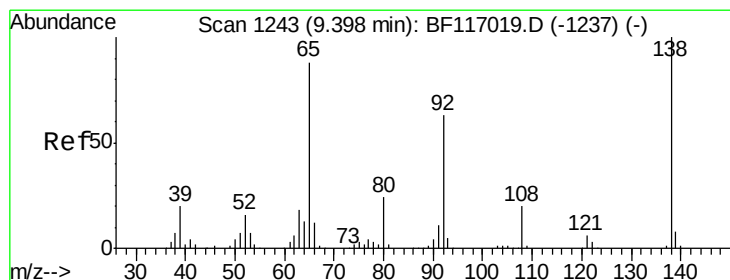
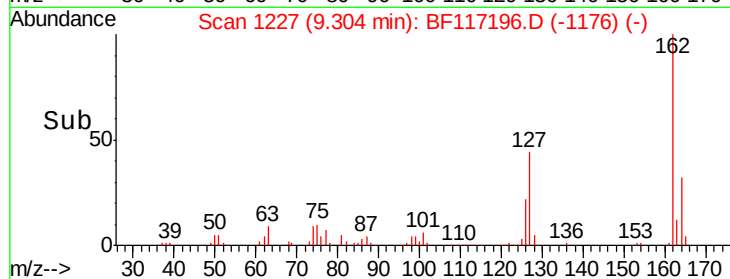
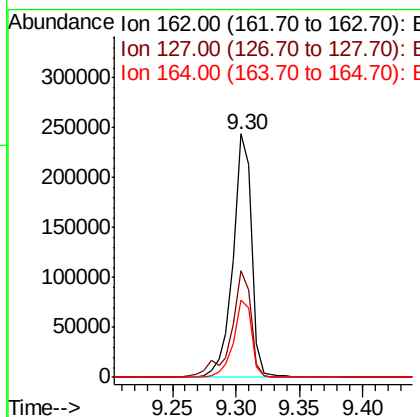
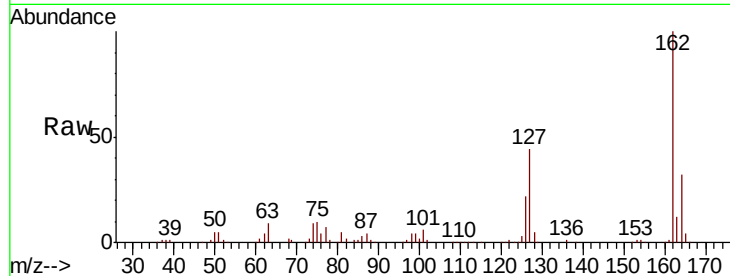
#47
2-Chloronaphthalene
Concen: 42.963 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		244180		
127	43.9	34.1	51.1		
164	31.9	25.9	38.9		

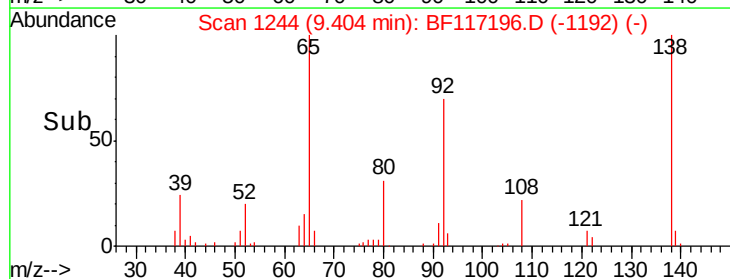
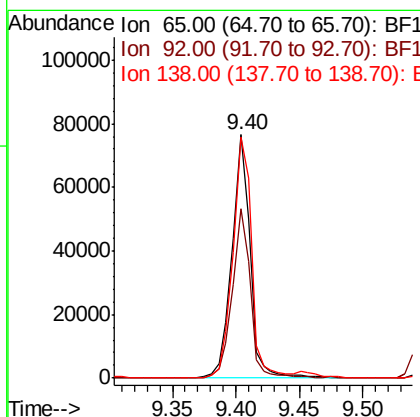
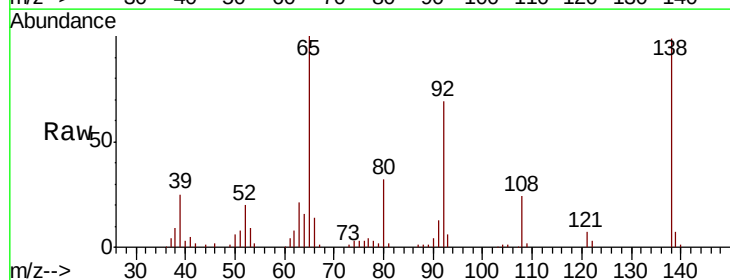
Manual Integrations
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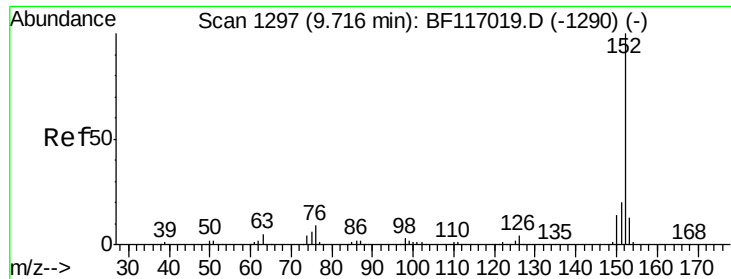
mohammad
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#48
2-Nitroaniline
Concen: 41.457 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		75575		
92	69.4	57.5	86.3		
138	99.0	90.6	136.0		





#49

Acenaphthylene

Concen: 44.662 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Instrument :

BNA_F

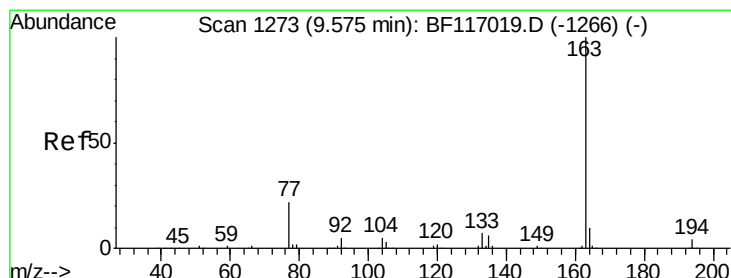
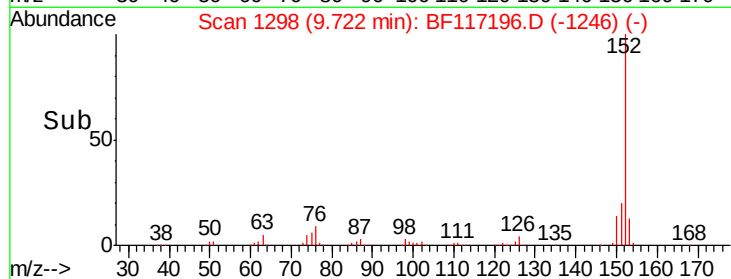
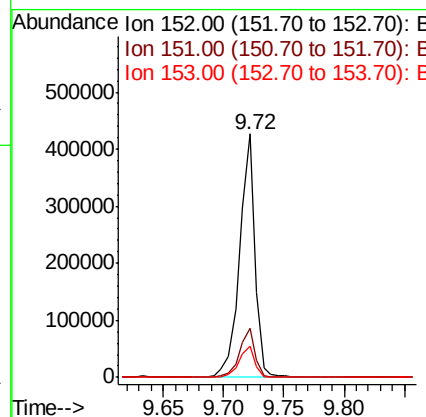
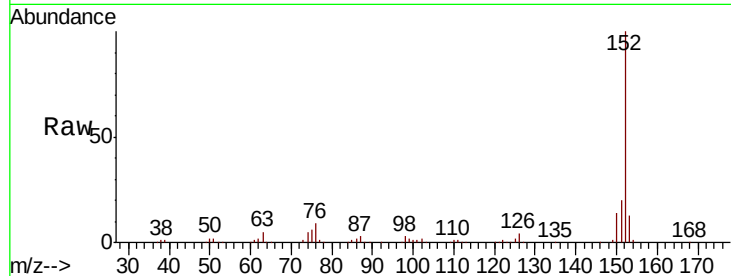
ClientSampleId :

PB123244BS

Tot Ion:	152	Resp:	380260
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.2	24.2
153	13.0	10.2	15.4

Manual Integrations
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#50

Dimethylphthalate

Concen: 44.848 ng

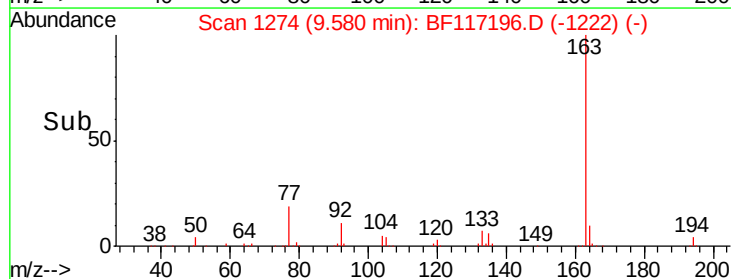
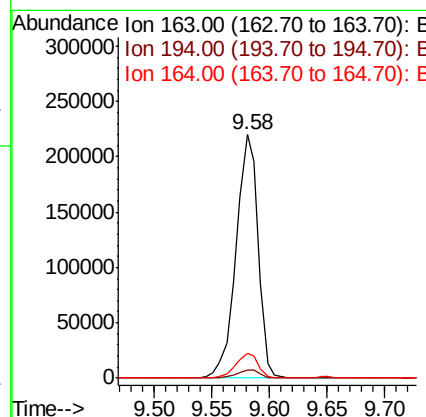
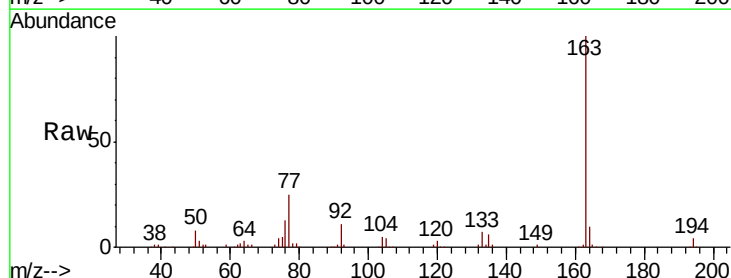
RT: 9.58 min Scan# 1274

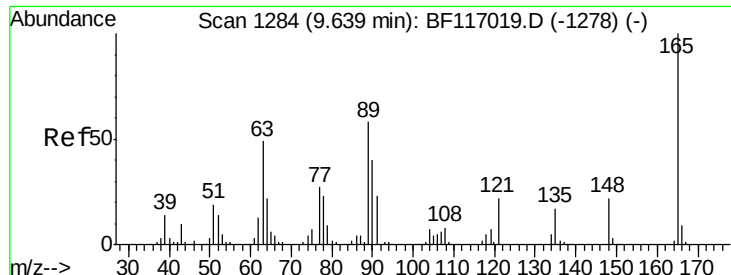
Delta R.T. 0.01 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Tgt Ion:	163	Resp:	291536
Ion Ratio	Lower	Upper	
163	100		
194	3.6	2.9	4.3
164	10.0	8.2	12.4





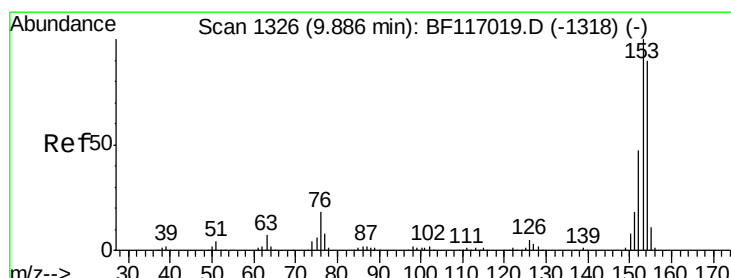
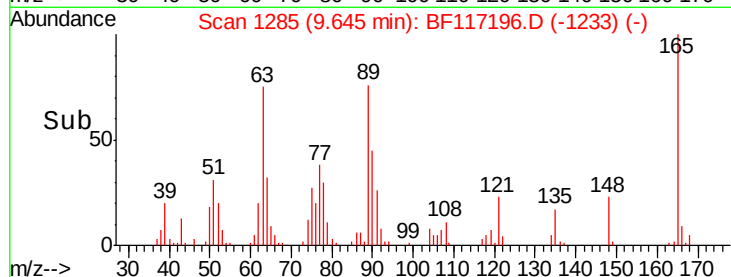
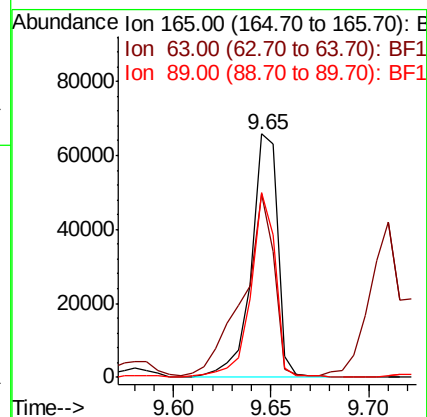
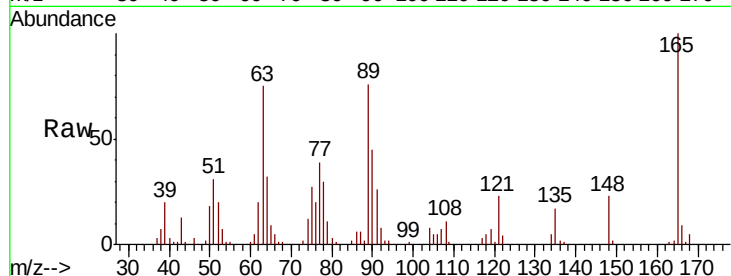
#51
2,6-Dinitrotoluene
Concen: 46.716 ng
RT: 9.65 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	61849		
63	75.3	41.8	62.8#	
89	76.0	46.5	69.7#	

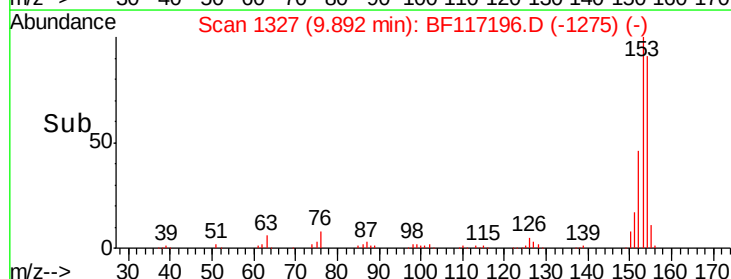
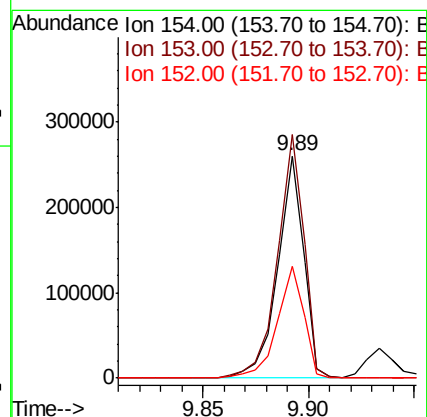
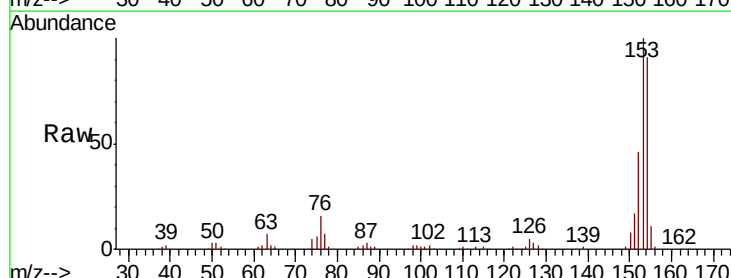
Manual Integrations
APPROVED

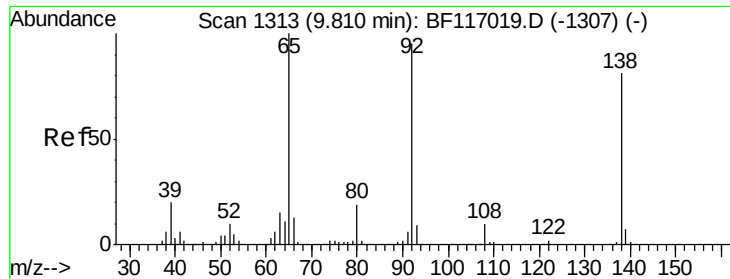
mohammad
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#52
Acenaphthene
Concen: 44.308 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	223628		
153	109.5	89.0	133.6	
152	50.4	41.9	62.9	





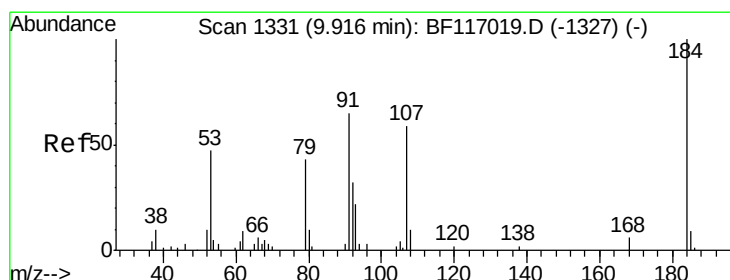
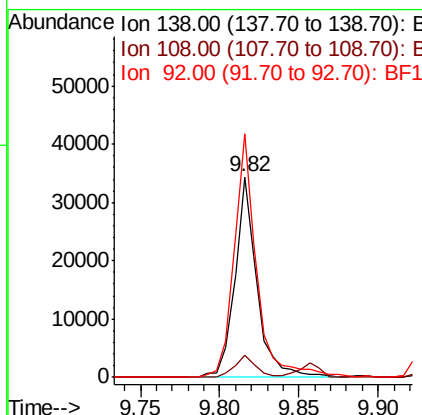
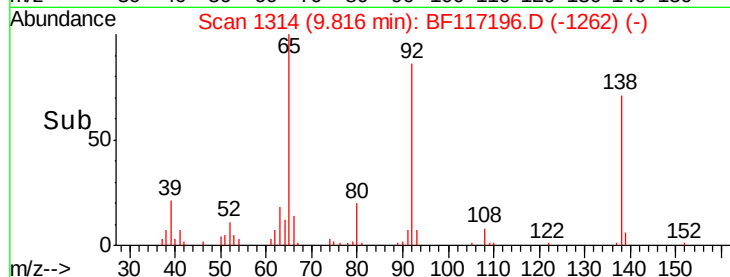
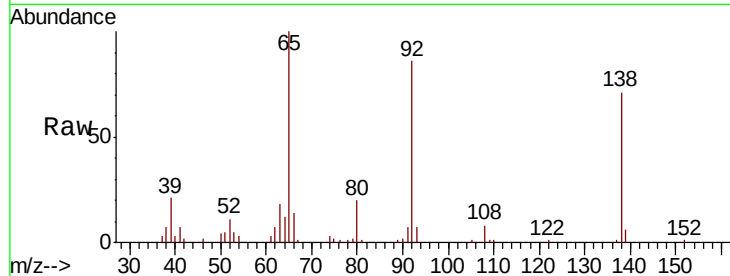
#53
3-Nitroaniline
Concen: 19.907 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.4	9.5	14.3
92	121.6	94.1	141.1

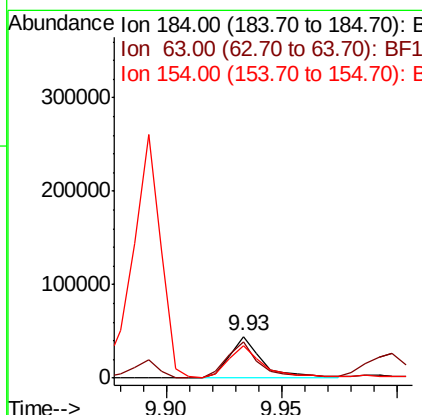
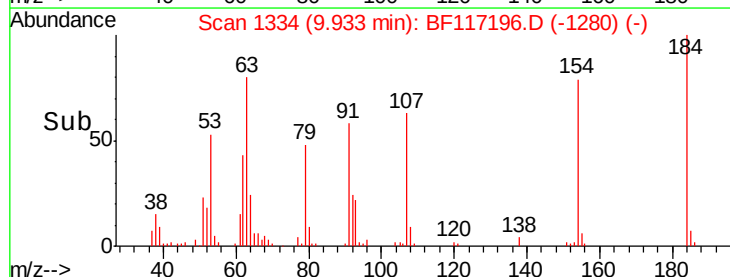
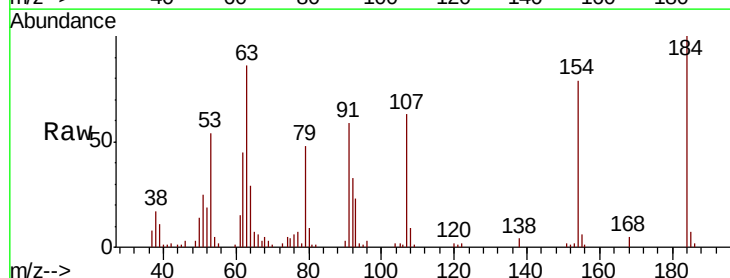
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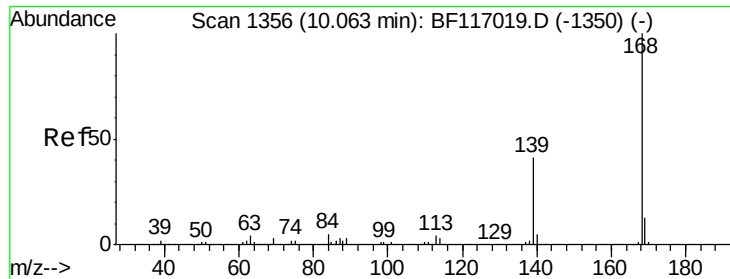
mohammad
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#54
2,4-Dinitrophenol
Concen: 78.199 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
184	100		
63	86.3	63.8	95.6
154	78.6	60.4	90.6





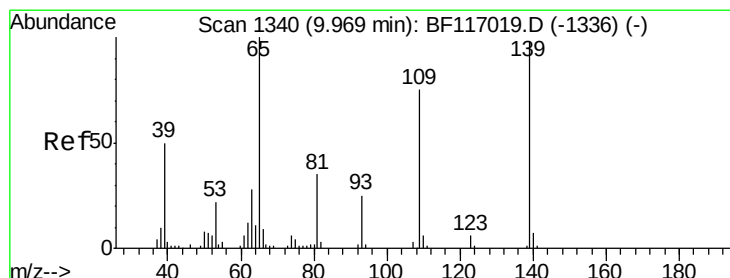
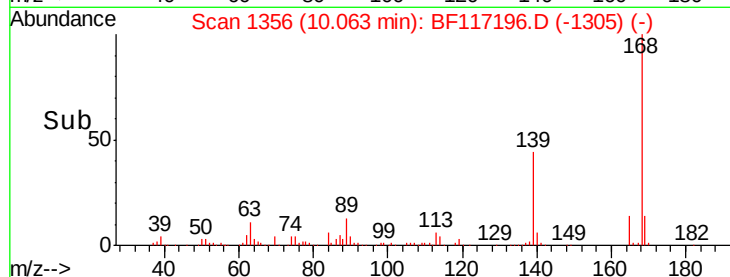
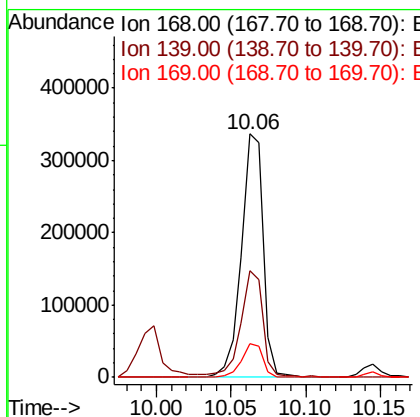
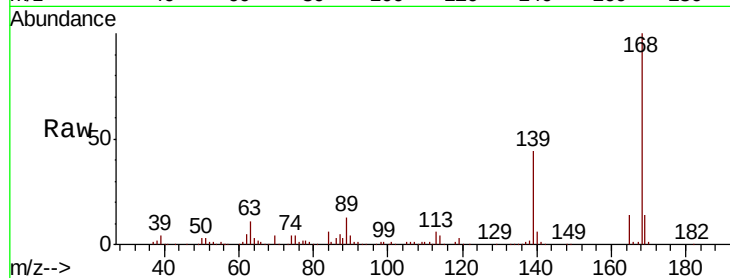
#55
Dibenzenofuran
Concen: 46.058 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.7	32.8	49.2
169	14.0	10.5	15.7

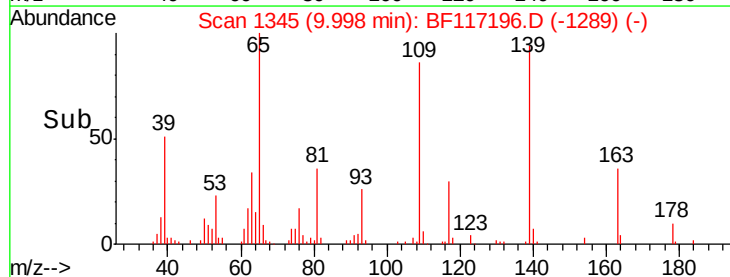
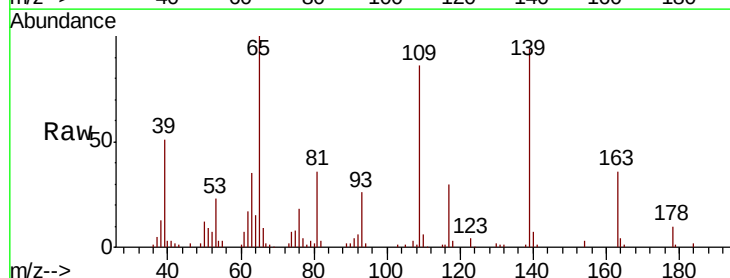
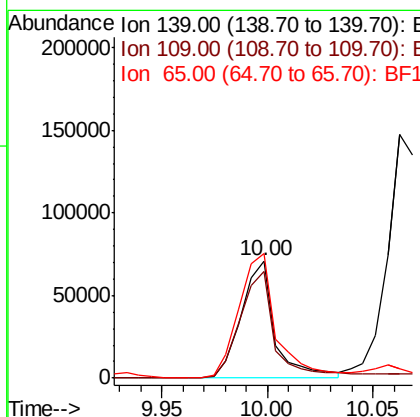
Manual Integrations
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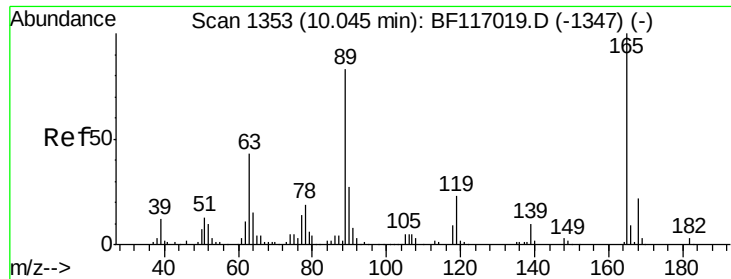
mohammad
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#56
4-Nitrophenol
Concen: 72.656 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.1	56.4	96.4
65	106.5	82.5	122.5





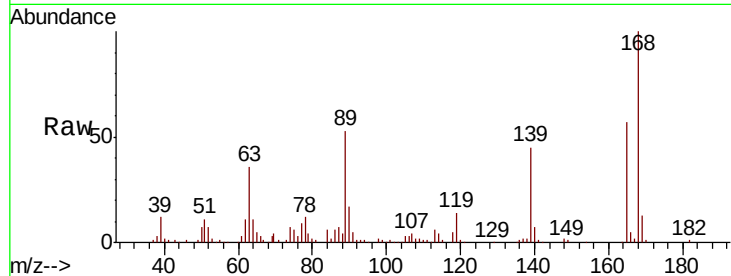
#57
2,4-Dinitrotoluene
Concen: 48.127 ng
RT: 10.06 min Scan# 1355
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	82710		
63	62.7	35.0	52.4	#
89	93.9	66.1	99.1	
182	2.2	2.0	3.0	

Manual Integrations
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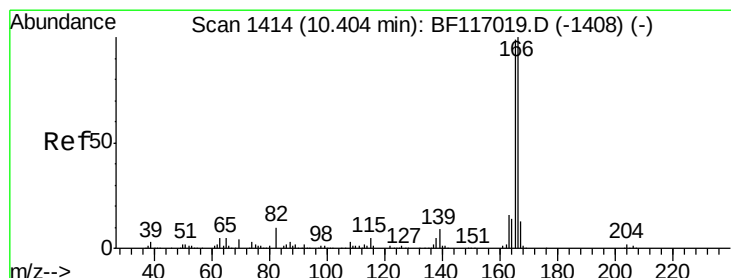
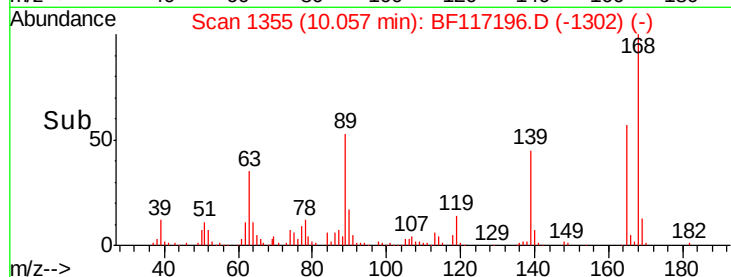
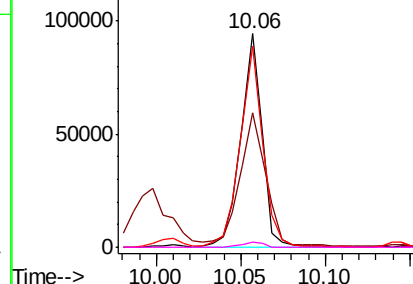
Abundance

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

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 47.460 ng
RT: 10.41 min Scan# 1415
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

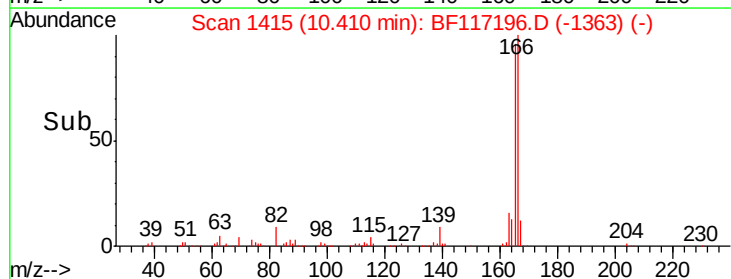
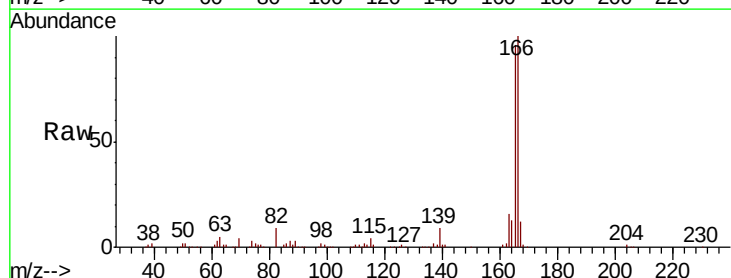
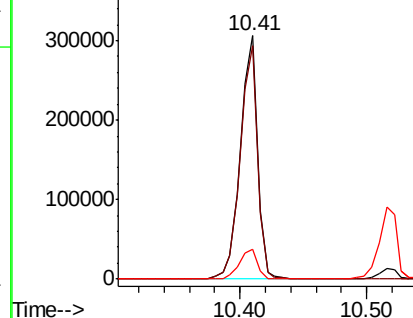
Tgt Ion	Ratio	Resp	Lower	Upper
166	100	284688		
165	95.9	78.9	118.3	
167	12.3	10.6	15.8	

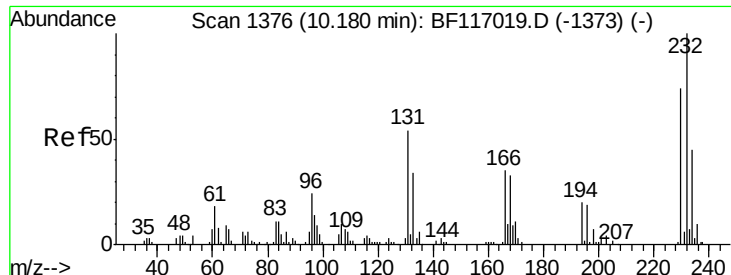
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





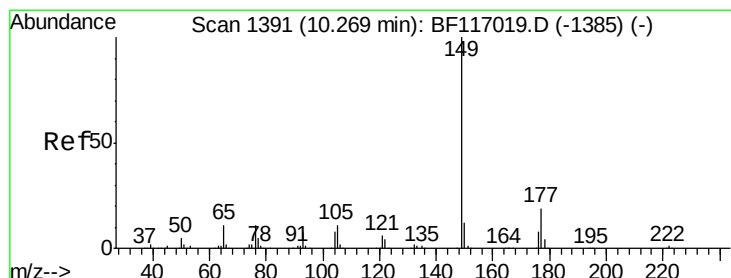
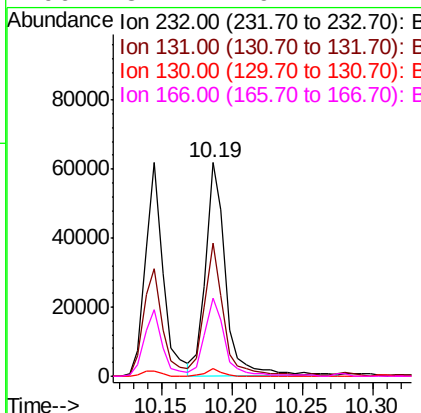
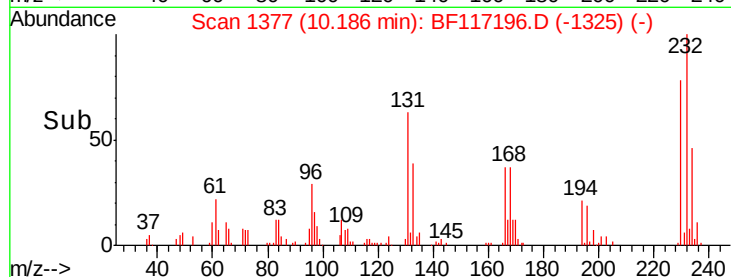
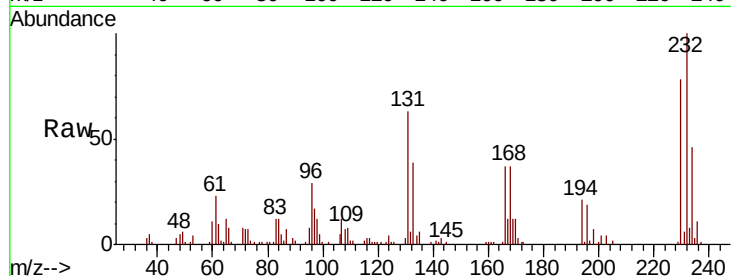
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.342 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	60958		
131	61.1	45.3	67.9	
130	2.8	1.8	2.8	
166	37.7	29.4	44.2	

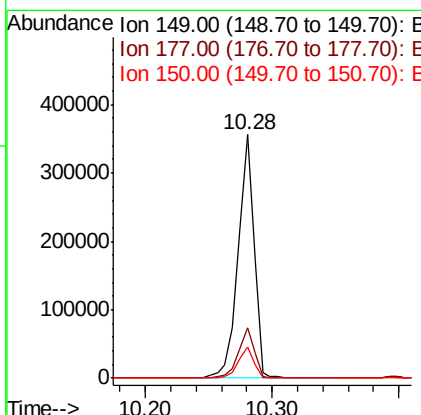
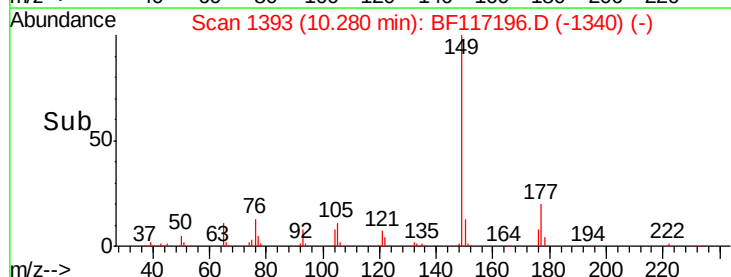
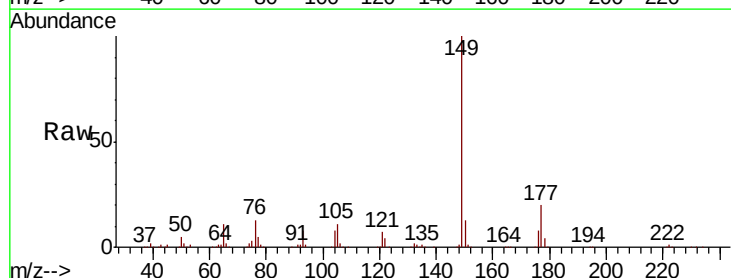
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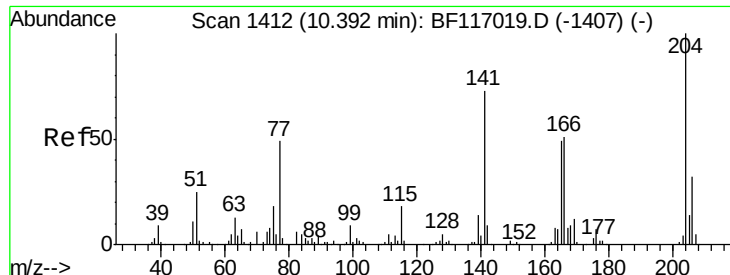
mohammad
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#60
 Diethylphthalate
 Concen: 48.117 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	307724		
177	20.5	15.2	22.8	
150	12.8	9.9	14.9	





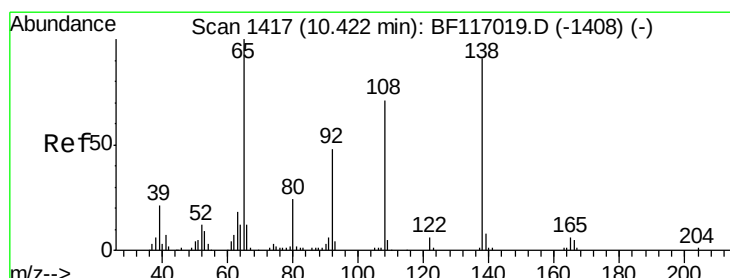
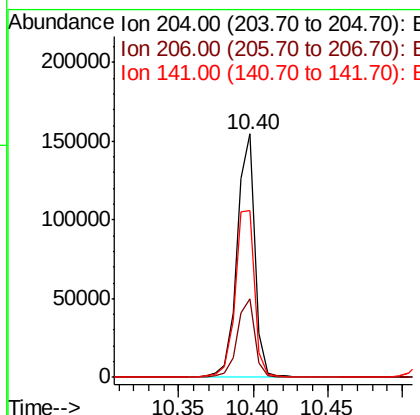
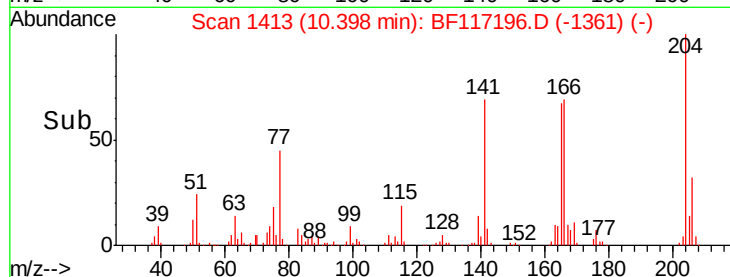
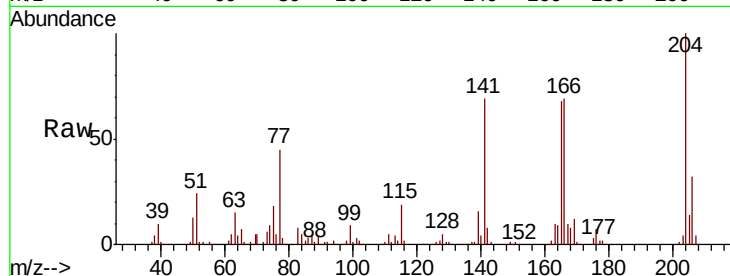
#61
4-Chlorophenyl-phenylether
Concen: 49.881 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.0	39.0
141	68.7	58.2	87.2

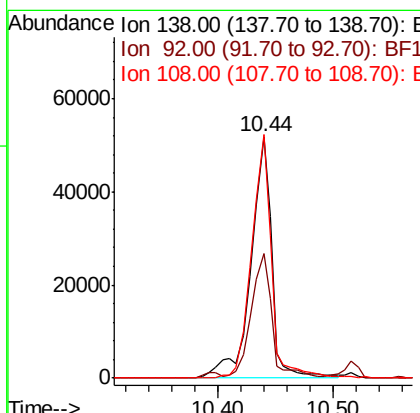
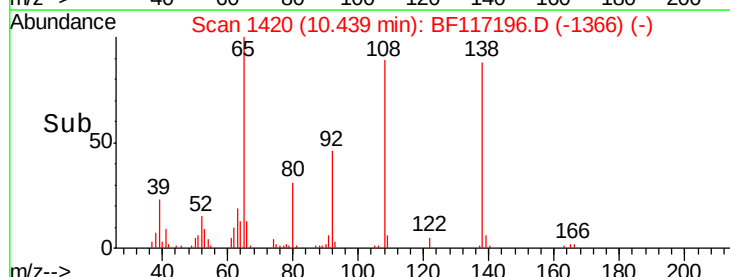
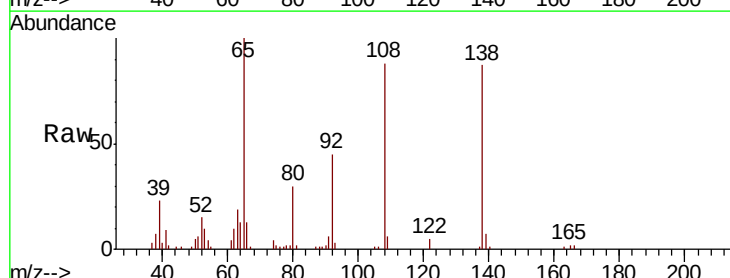
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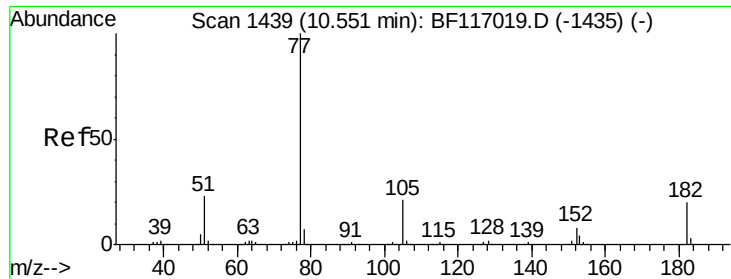
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#62
4-Nitroaniline
Concen: 37.756 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	32.9	72.9
108	100.8	58.3	98.3#





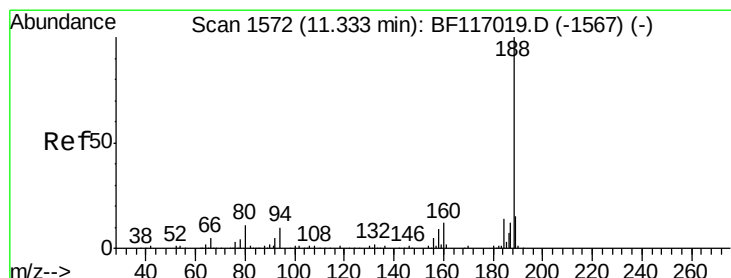
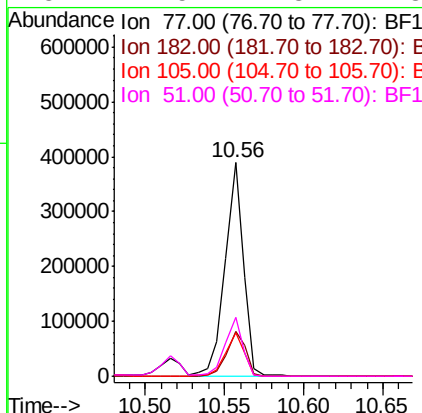
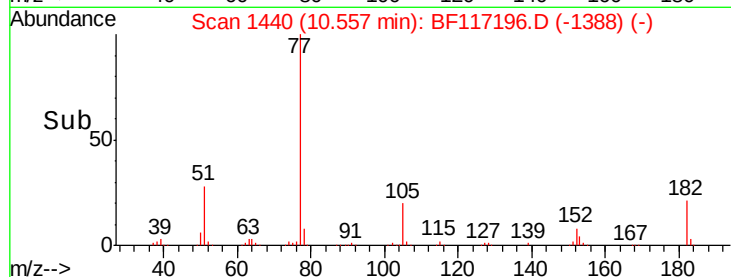
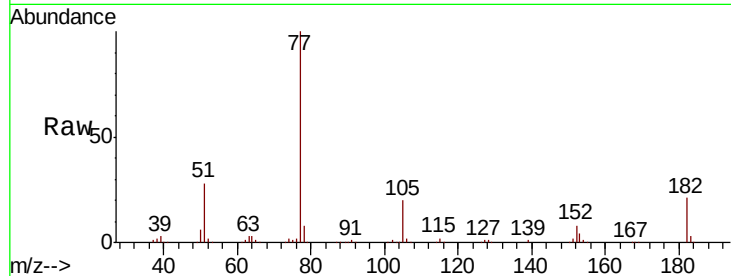
#63
Azobenzene
Concen: 47.755 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
77	100	311930		
182	20.8	0.4	40.4	
105	20.5	0.9	40.9	
51	27.5	2.8	42.8	

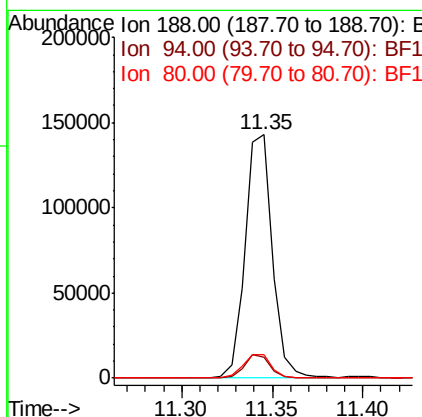
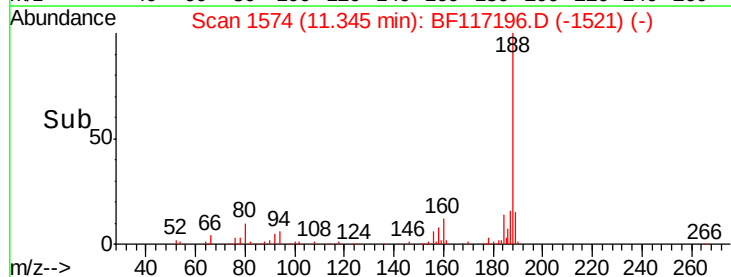
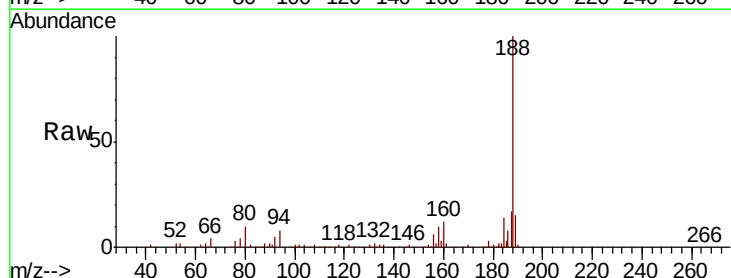
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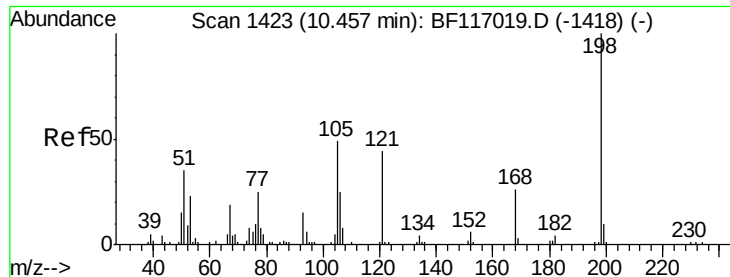
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	148927		
94	8.4	8.2	12.2	
80	9.6	9.0	13.6	





#65

4,6-Dinitro-2-methylphenol

Concen: 50.280 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Instrument :

BNA_F

ClientSampleId :

PB123244BS

Tot Ion:198 Resp: 34379

Ion Ratio Lower Upper

198 100

51 53.0 18.7 58.7

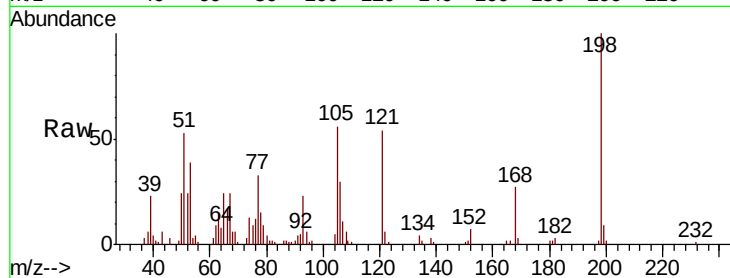
105 56.3 30.2 70.2

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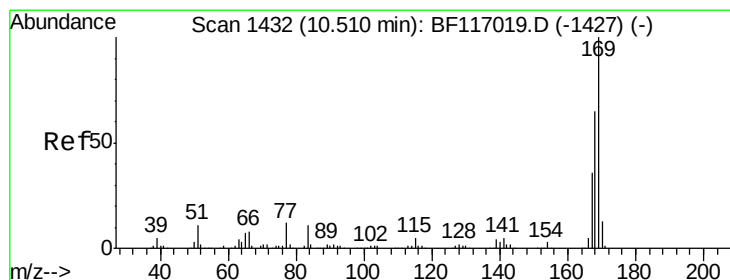
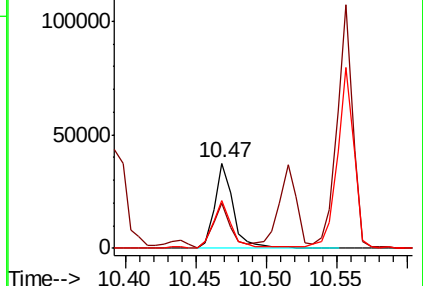
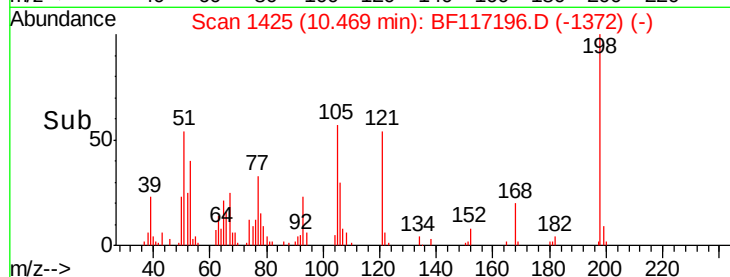
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 47.877 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

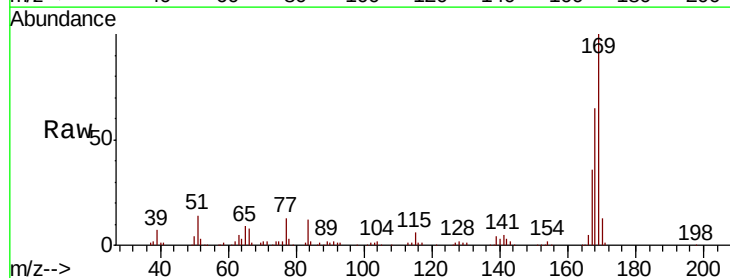
Tgt Ion:169 Resp: 246246

Ion Ratio Lower Upper

169 100

168 65.2 52.2 78.2

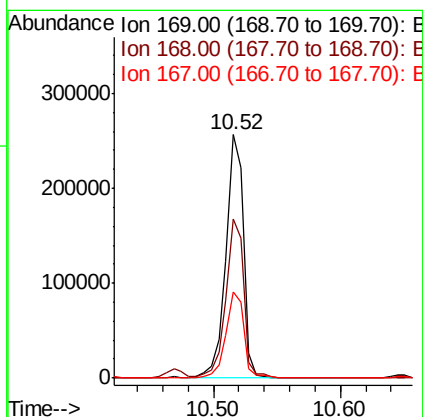
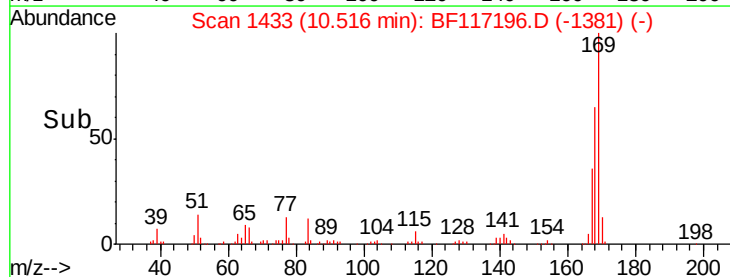
167 35.6 28.8 43.2

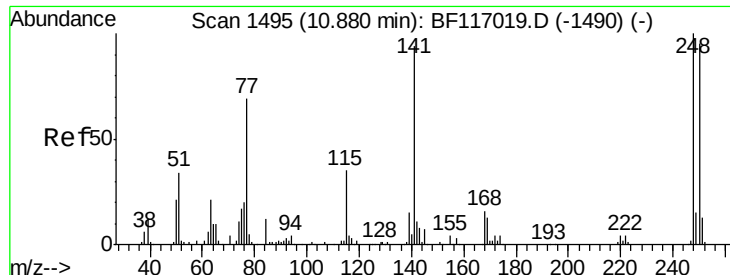


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





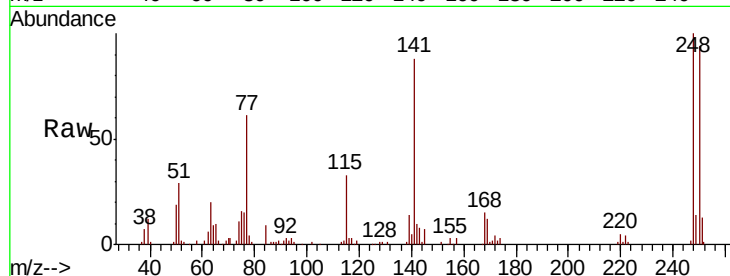
#67
 4-Bromophenyl-phenylether
 Concen: 48.683 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BS

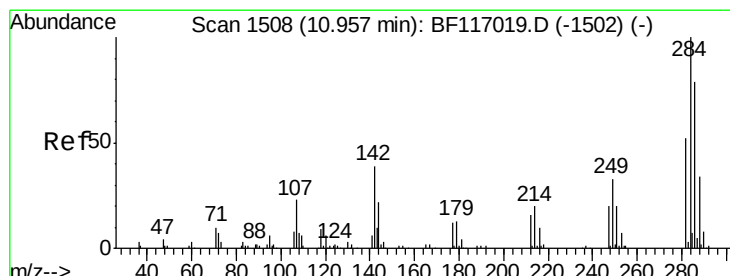
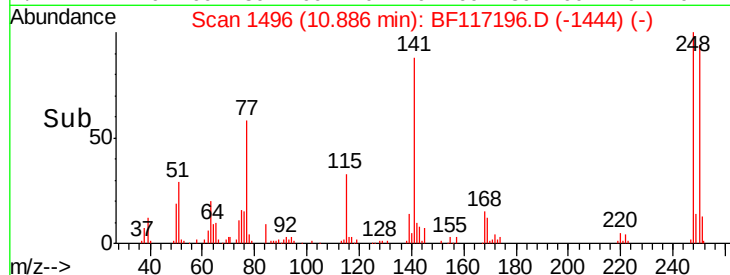
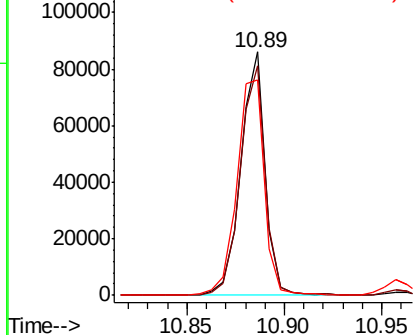
Tot Ion:	248	Resp:	74042
Ion Ratio	Lower	Upper	
248	100		
250	94.2	76.2	114.4
141	88.5	75.0	112.4

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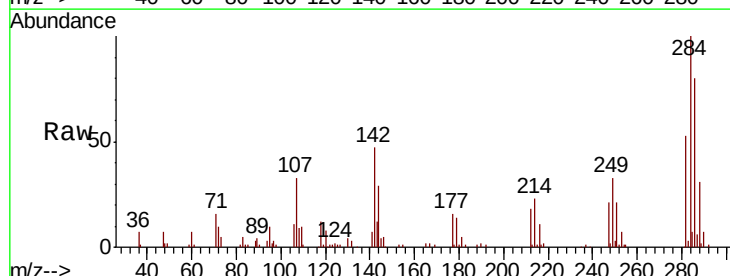


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

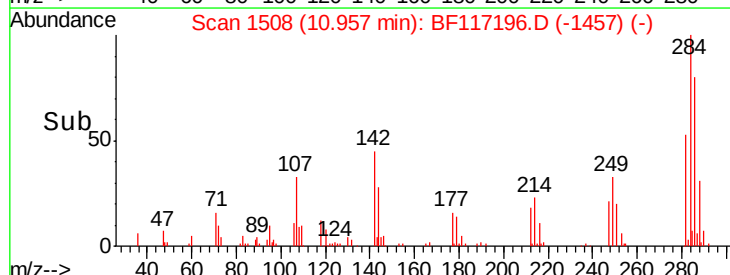
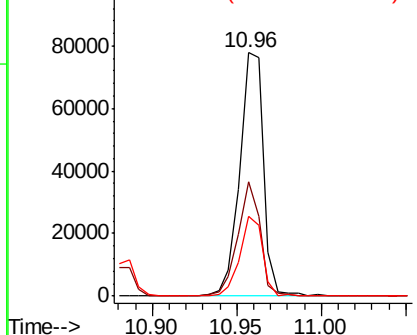


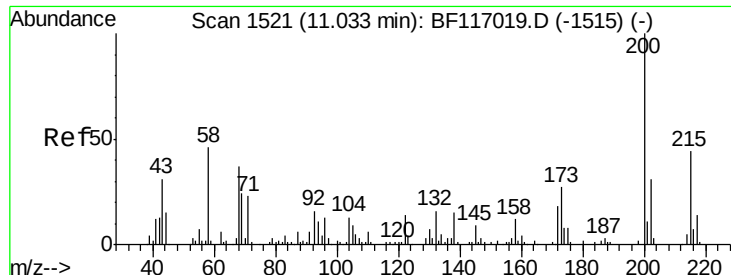
#68
 Hexachlorobenzene
 Concen: 46.024 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion:	284	Resp:	76561
Ion Ratio	Lower	Upper	
284	100		
142	46.9	31.4	47.2
249	33.0	26.5	39.7



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





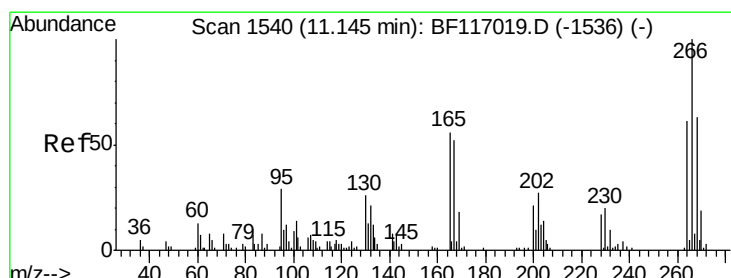
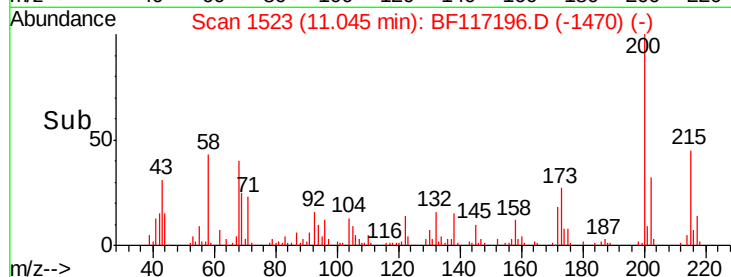
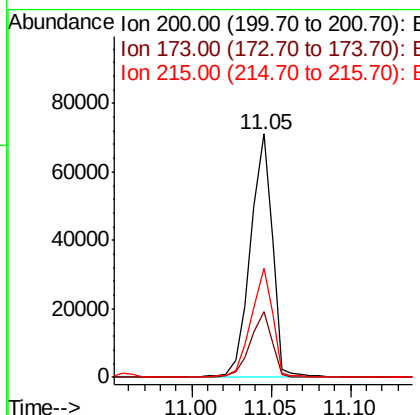
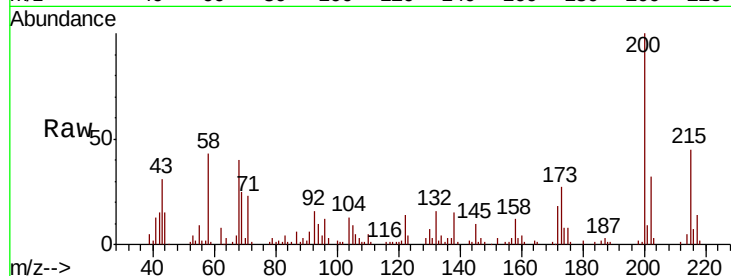
#69
 Atrazine
 Concen: 57.583 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	6.9	46.9
215	44.9	23.8	63.8

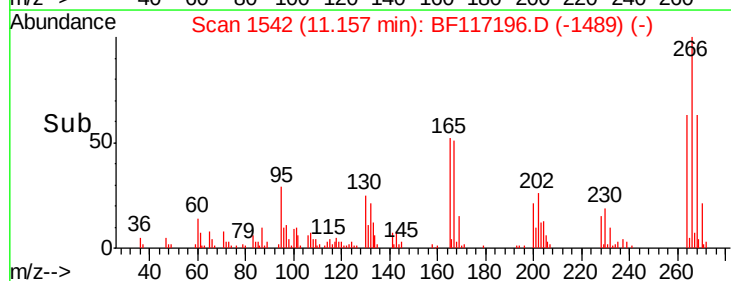
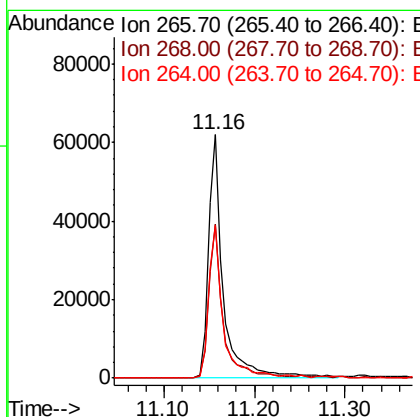
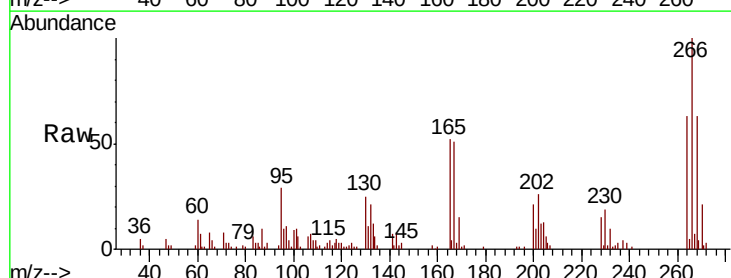
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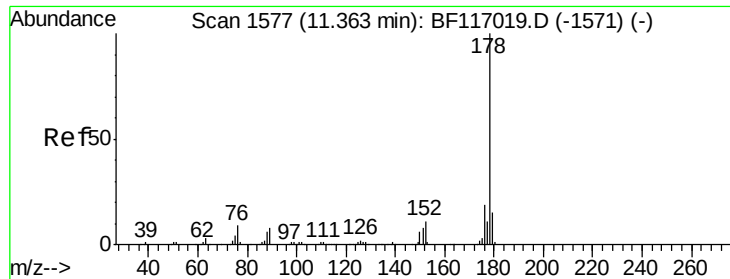
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#70
 Pentachlorophenol
 Concen: 91.541 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.4	50.5	75.7
264	62.9	48.8	73.2





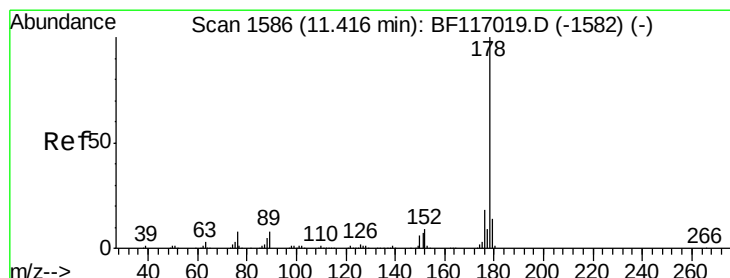
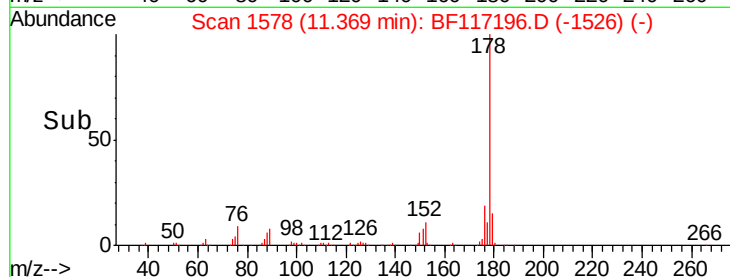
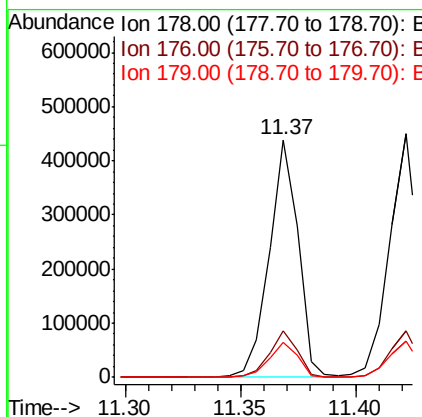
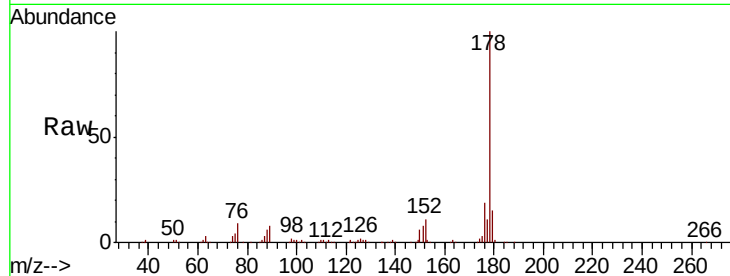
#71
Phenanthrene
Concen: 45.198 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	14.8	12.4	18.6

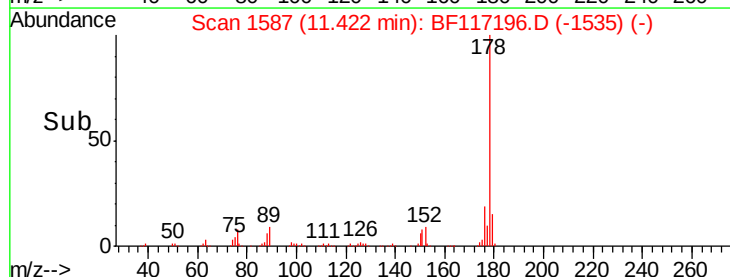
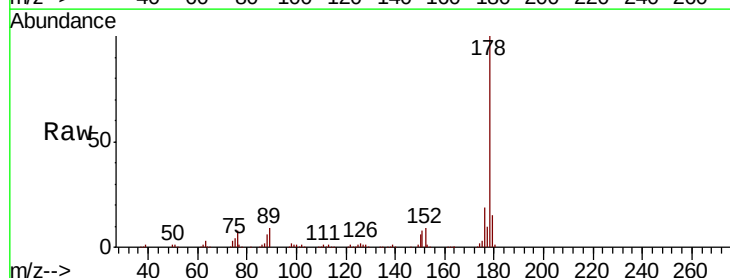
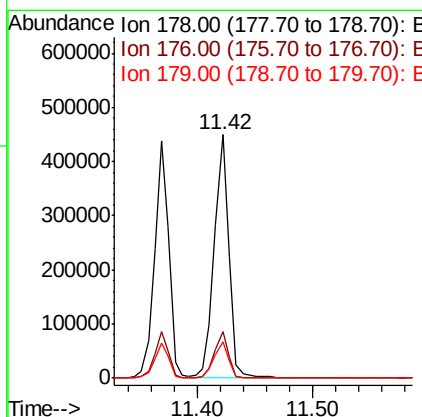
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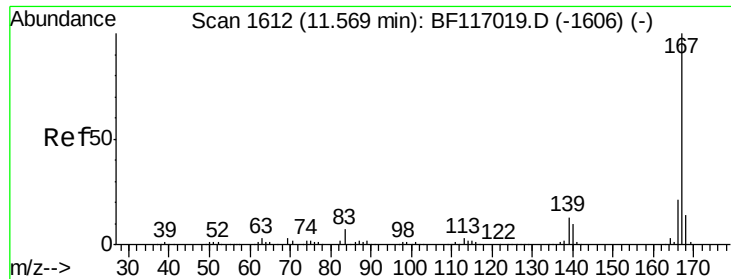
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#72
Anthracene
Concen: 46.170 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.6	21.8
179	15.0	11.6	17.4





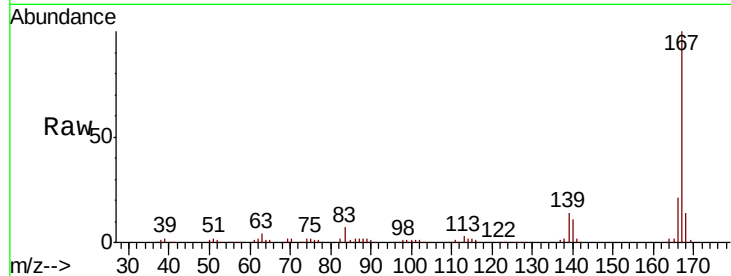
#73
 Carbazole
 Concen: 42.655 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BS

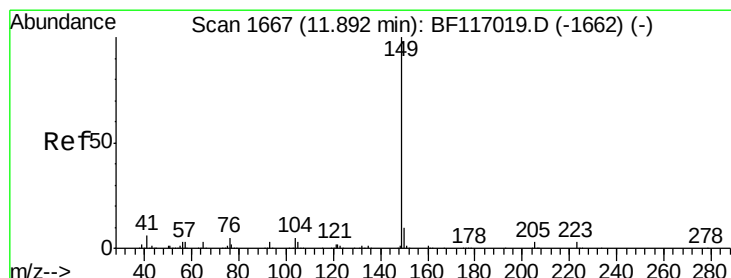
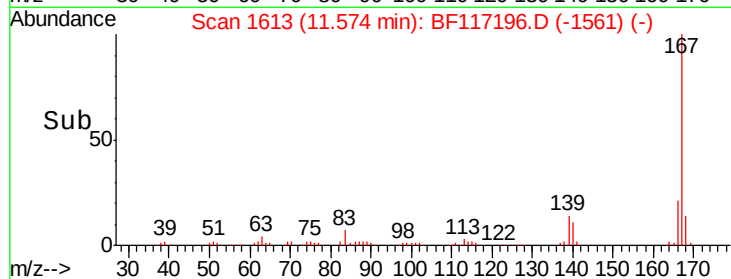
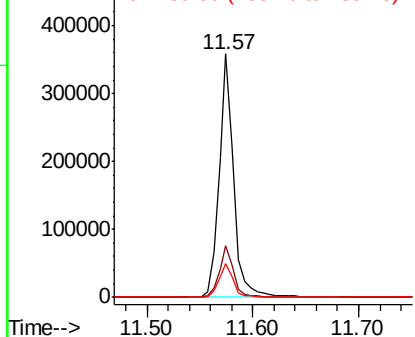
Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	21.1	17.2	25.8		
139	13.6	10.6	16.0		

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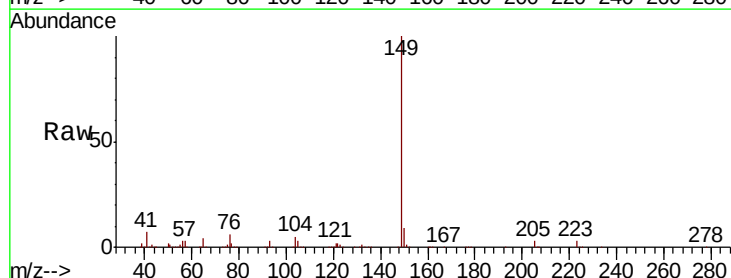


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

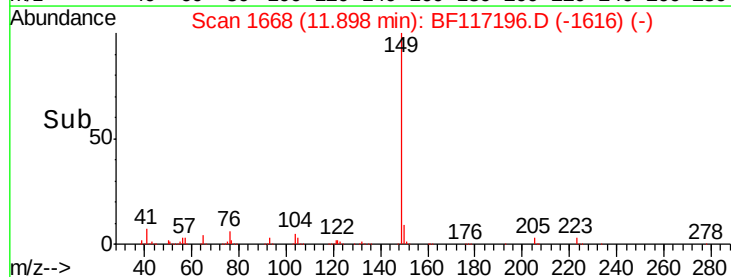
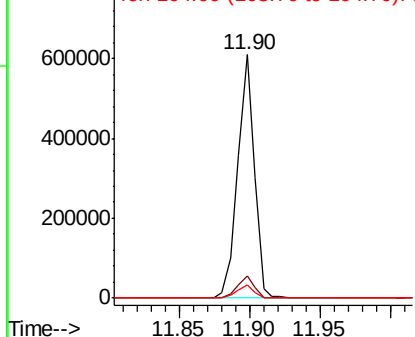


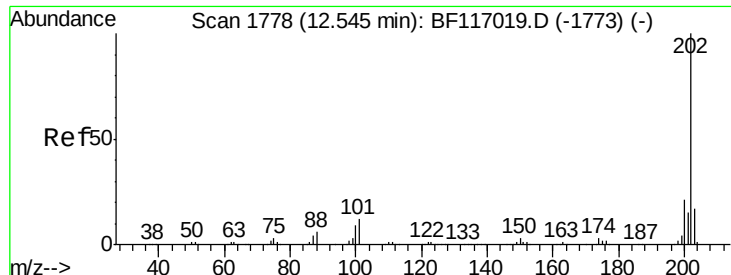
#74
 Di-n-butylphthalate
 Concen: 51.514 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100				
150	9.2	7.7	11.5		
104	5.5	4.2	6.4		



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





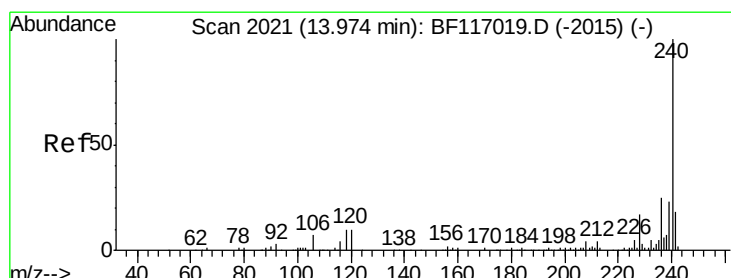
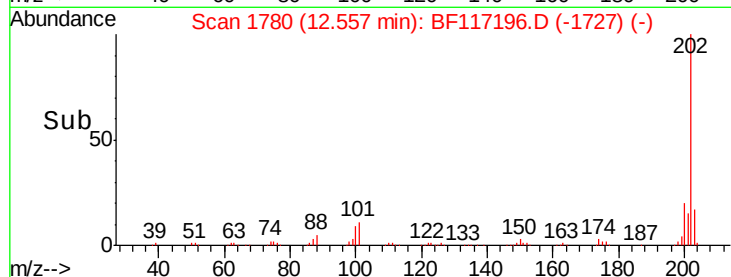
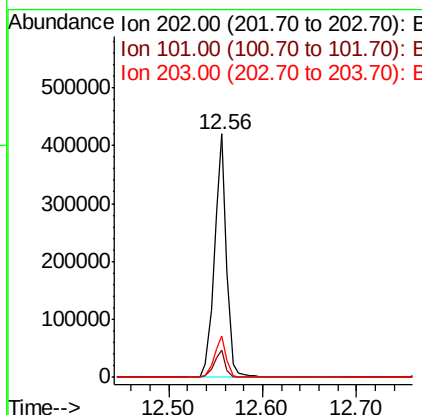
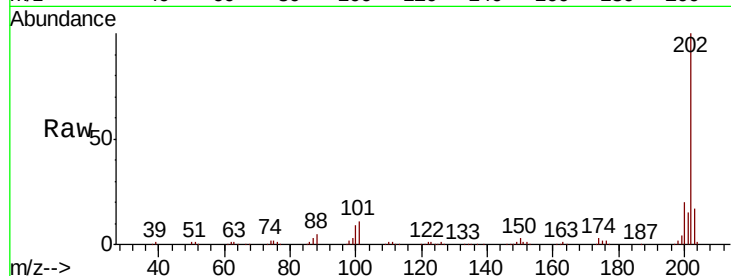
#75
 Fluoranthene
 Concen: 43.893 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleID :
 PB123244BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.2	0.0	32.3
203	17.2	0.0	37.1

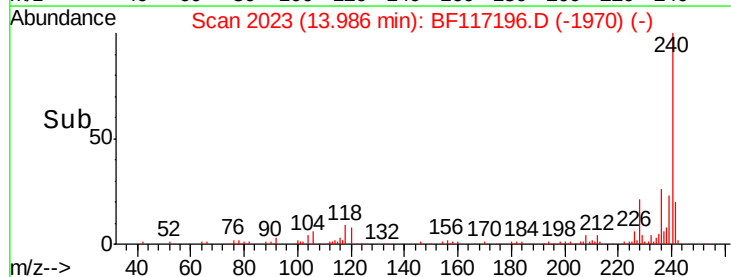
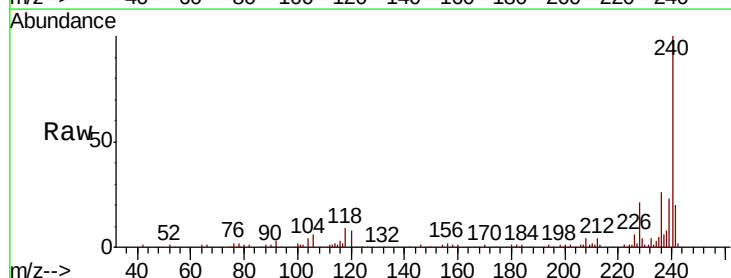
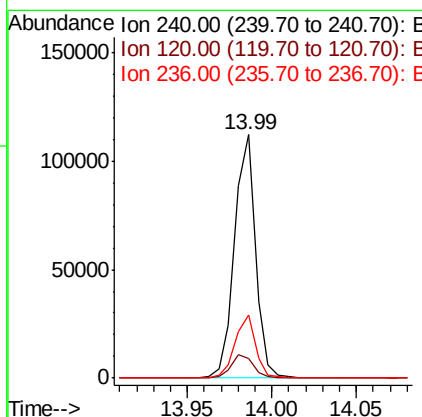
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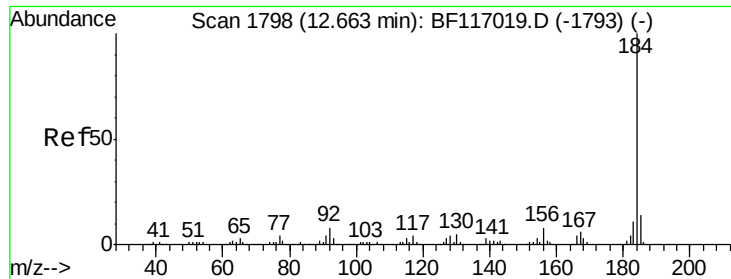
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.0	8.3	12.5#
236	25.8	20.3	30.5





#77

Benzidine

Concen: 59.846 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Instrument :

BNA_F

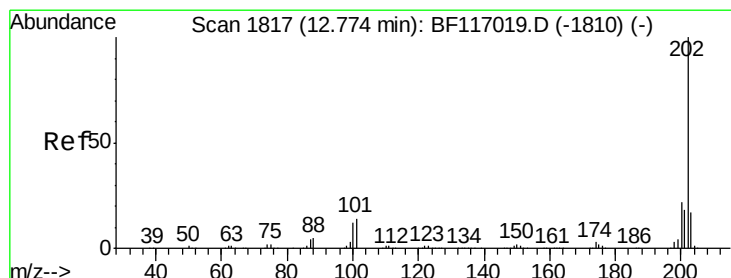
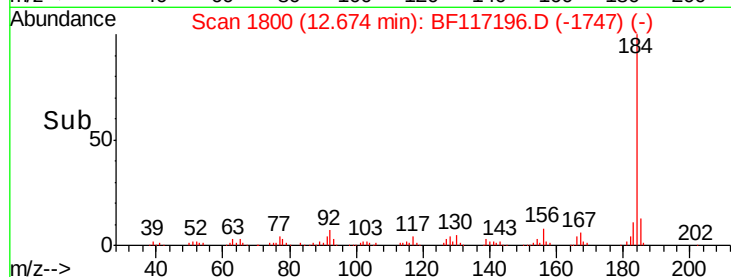
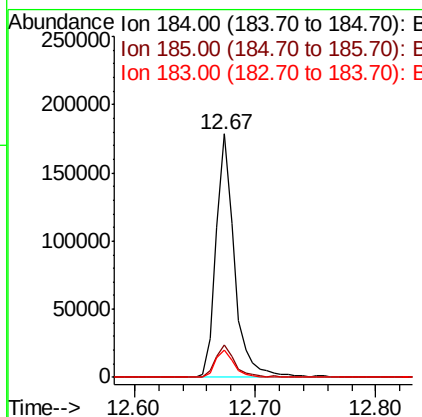
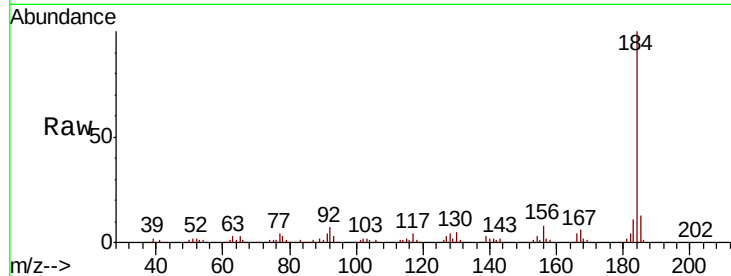
ClientSampleId :

PB123244BS

Tot Ion:	184	Resp:	187149
Ion Ratio	Lower	Upper	
184	100		
185	13.3	11.6	17.4
183	11.3	9.0	13.4

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#78

Pyrene

Concen: 46.777 ng

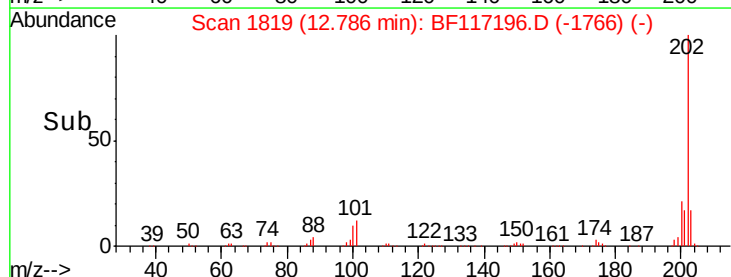
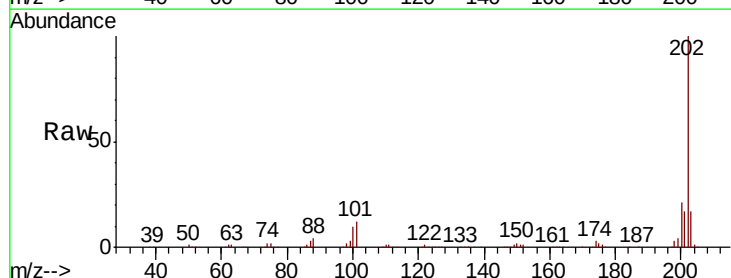
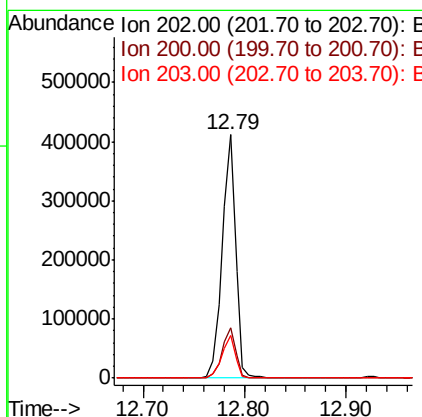
RT: 12.79 min Scan# 1819

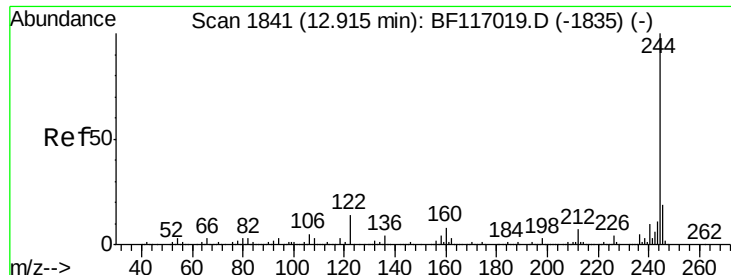
Delta R.T. 0.01 min

Lab File: BF117196.D

Acq: 20 Sep 2019 20:03

Tgt Ion:	202	Resp:	381030
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.2	25.8
203	17.4	14.0	21.0





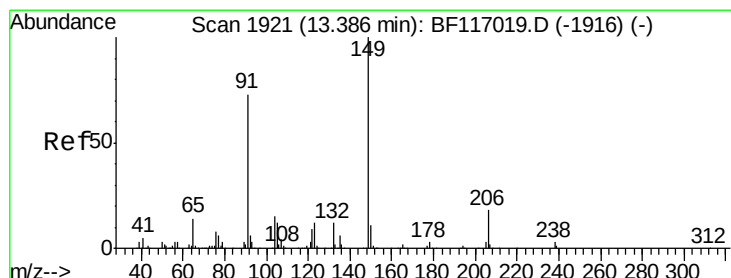
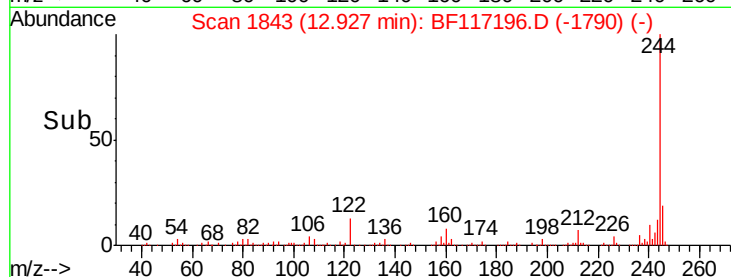
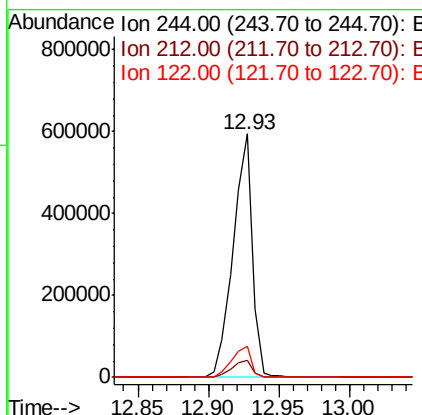
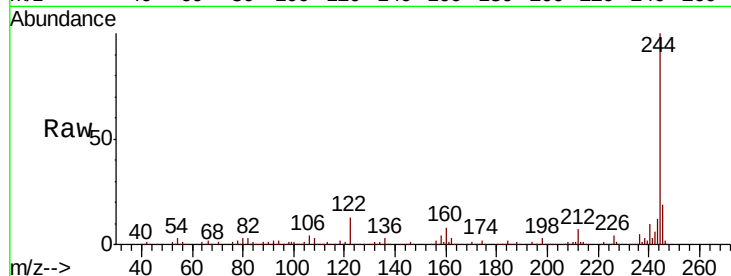
#79
 Terphenyl-d14
 Concen: 108.580 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BS

Tot Ion:	244	Resp:	563919
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.8
122	12.7	11.3	16.9

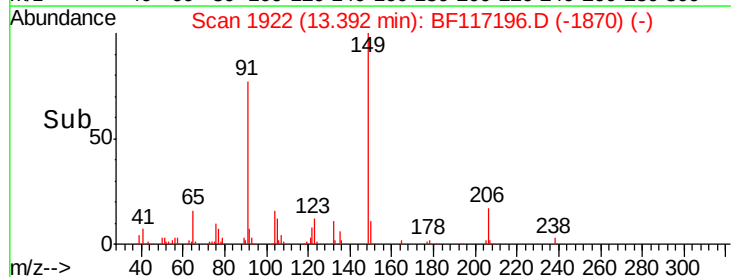
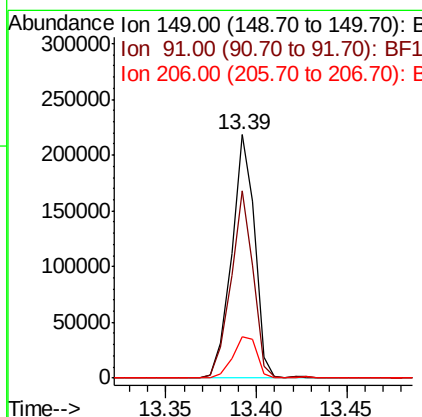
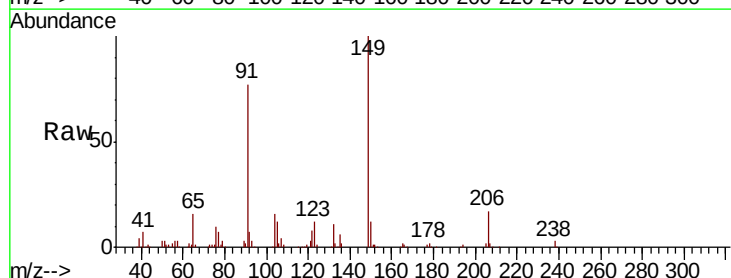
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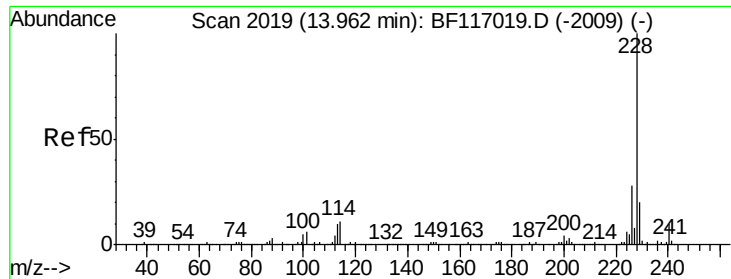
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#80
 Butylbenzylphthalate
 Concen: 50.285 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion:	149	Resp:	193545
Ion Ratio		Lower	Upper
149	100		
91	77.0	58.8	88.2
206	17.0	14.1	21.1





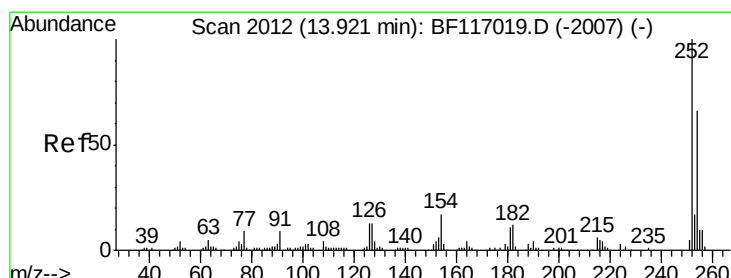
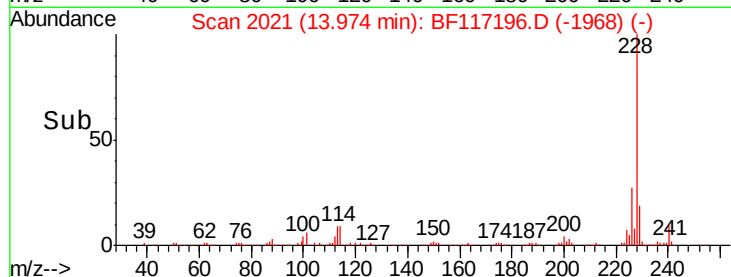
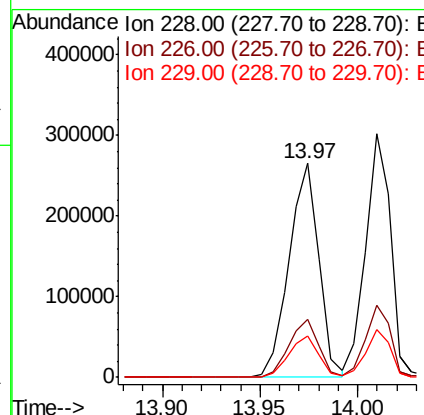
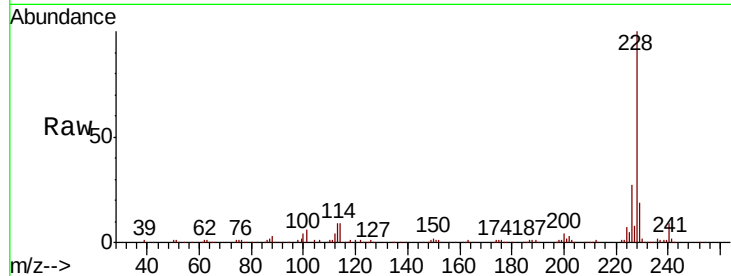
#81
Benzo(a)anthracene
Concen: 43.259 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.3	33.5
229	19.5	15.9	23.9

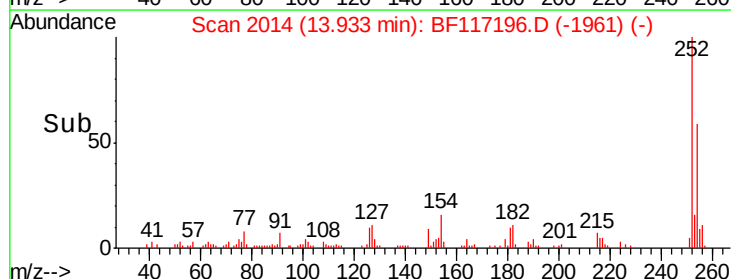
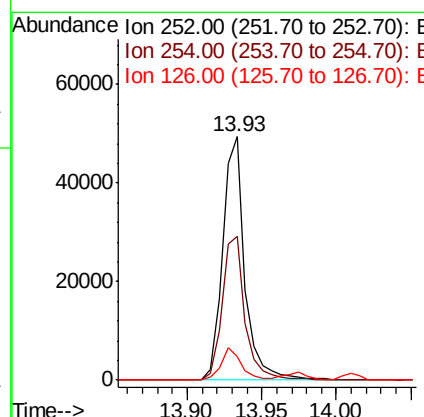
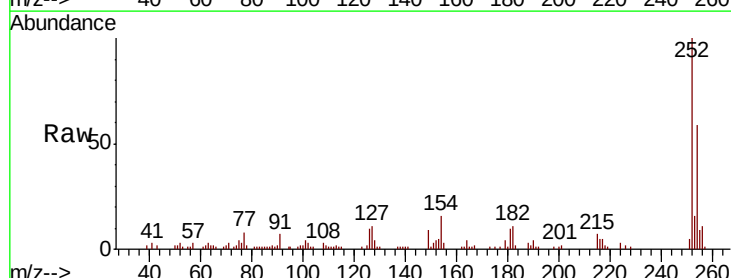
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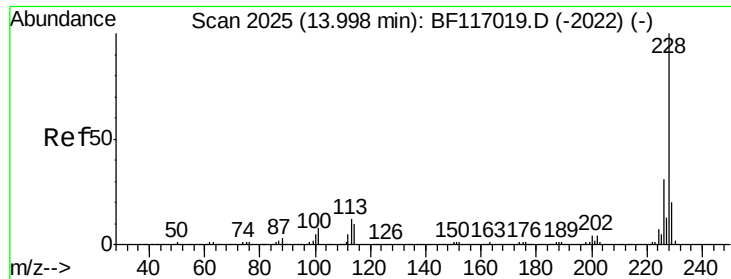
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#82
3,3'-Dichlorobenzidine
Concen: 24.543 ng
RT: 13.93 min Scan# 2014
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
252	100		
254	59.3	52.6	79.0
126	9.7	10.4	15.6





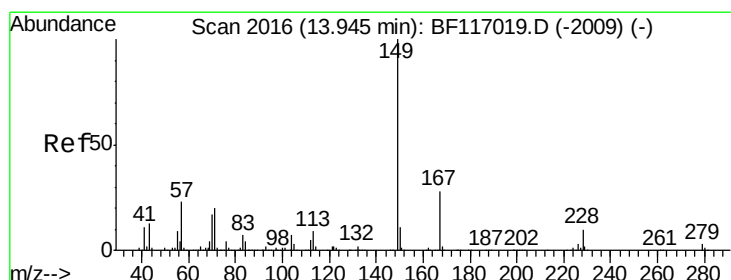
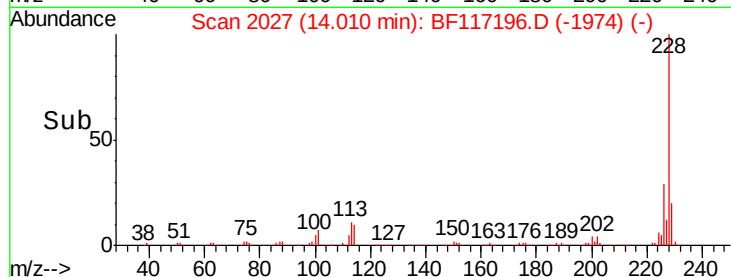
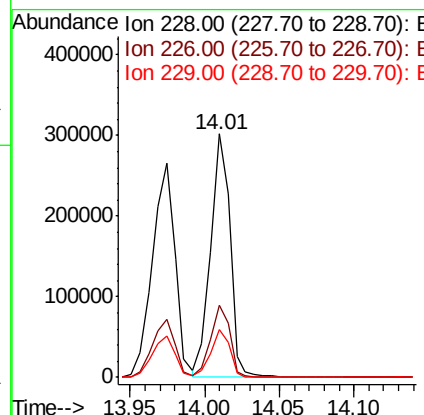
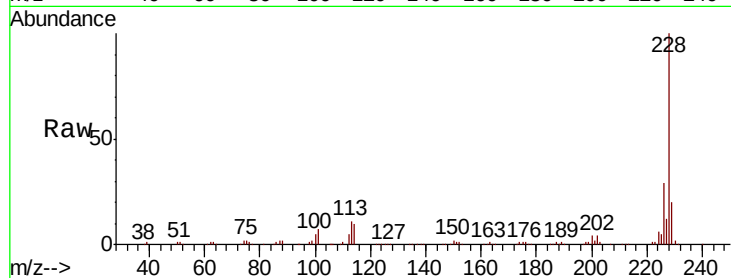
#83
 Chrysene
 Concen: 43.035 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	272240		
226	29.4		24.8	37.2
229	19.6		15.8	23.8

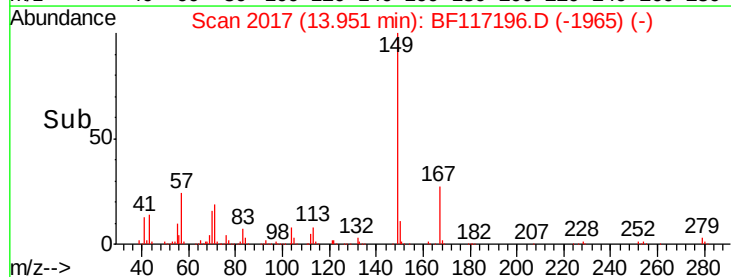
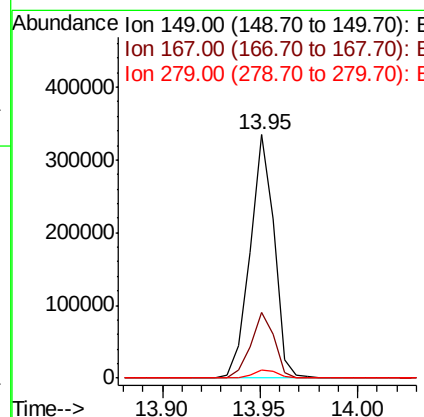
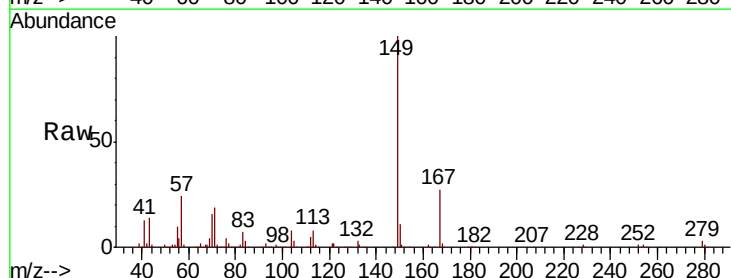
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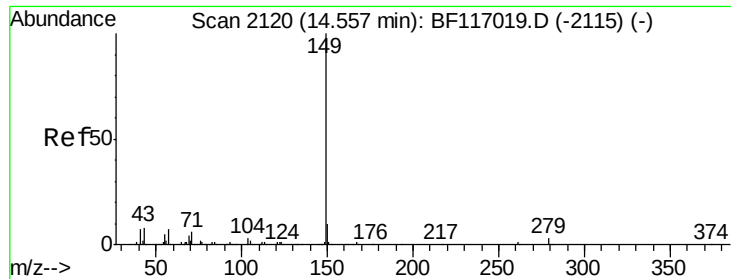
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 57.562 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	285666		
167	27.2		22.2	33.2
279	3.2		2.8	4.2





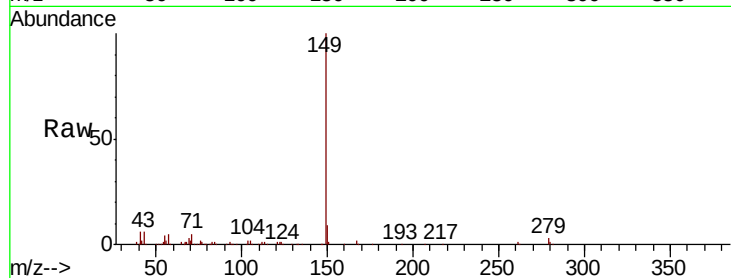
#85
Di-n-octyl phthalate
Concen: 56.261 ng
RT: 14.56 min Scan# 2121
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

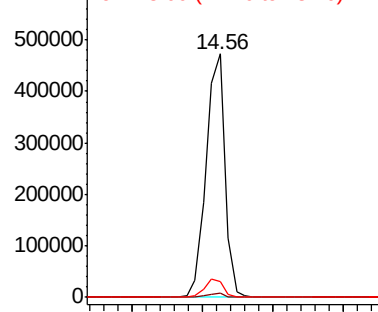
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.4	1.2	1.8
43	7.5	6.2	9.4

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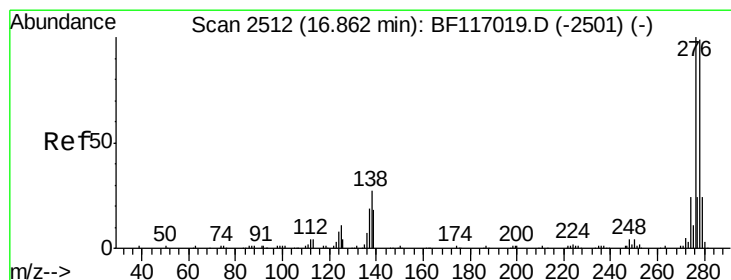
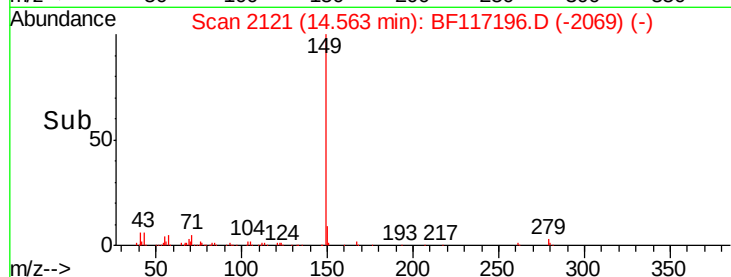
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



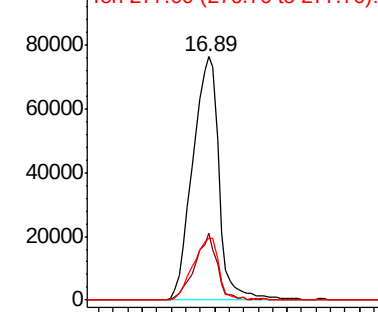
Time-->



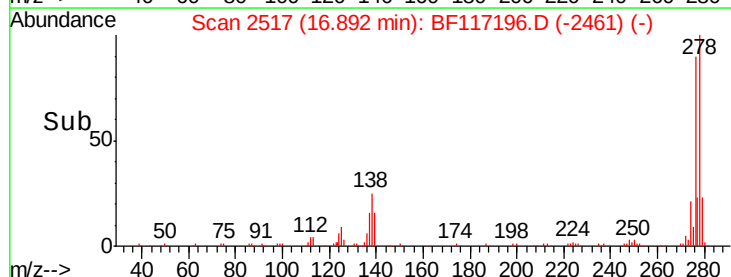
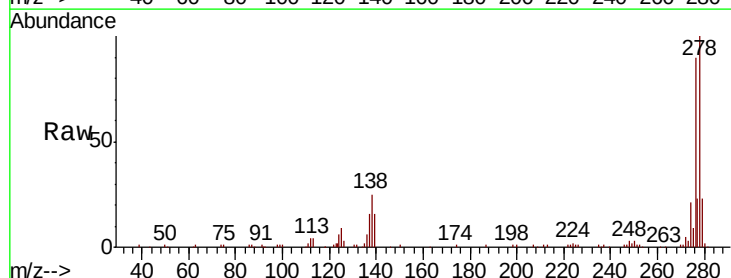
#86
Indeno(1,2,3-cd)pyrene
Concen: 41.920 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.03 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

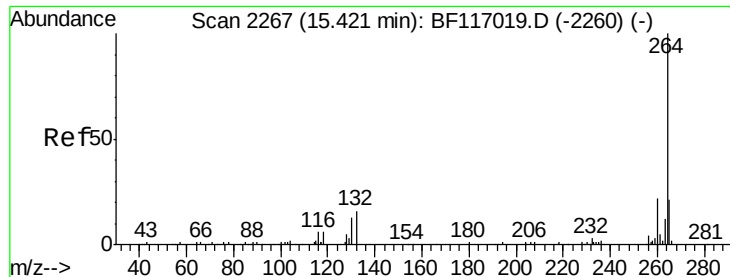
Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	23.0	20.7	31.1
277	24.7	19.8	29.8

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



Time-->





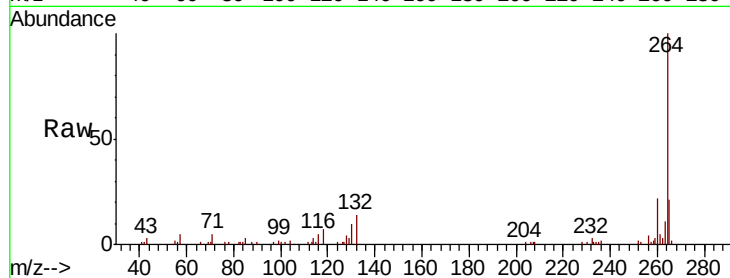
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	17.6	26.4
265	21.1	16.6	24.8

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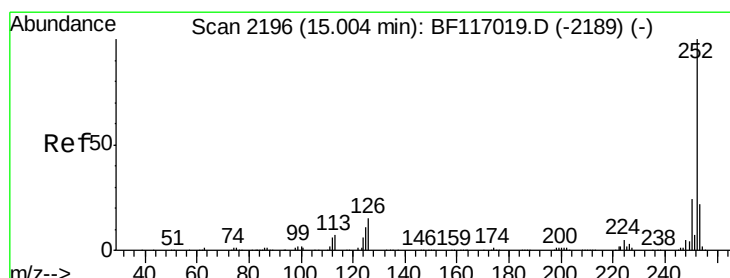
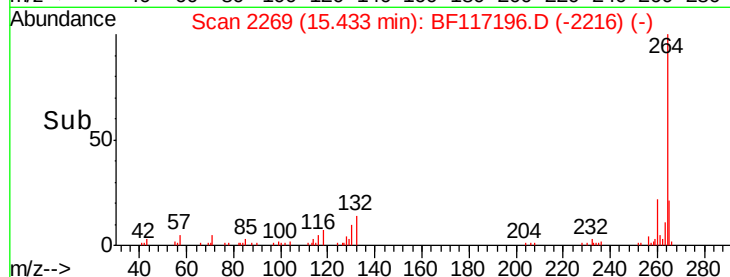
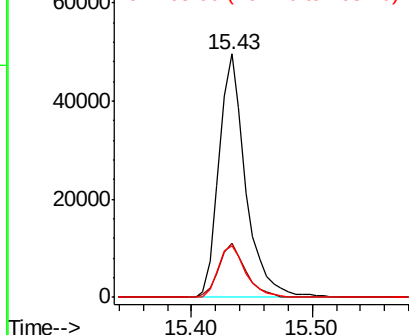


Abundance

Ion 264.00 (263.70 to 264.70): E

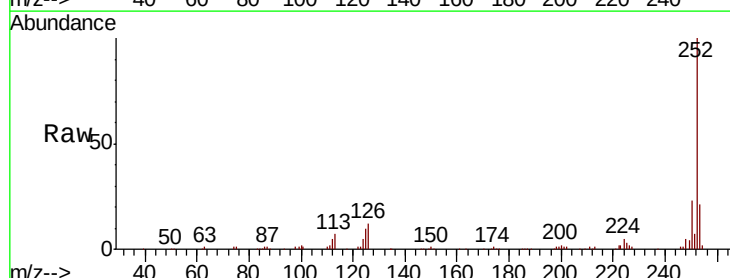
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 45.738 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.6	26.4
125	9.8	8.6	12.8

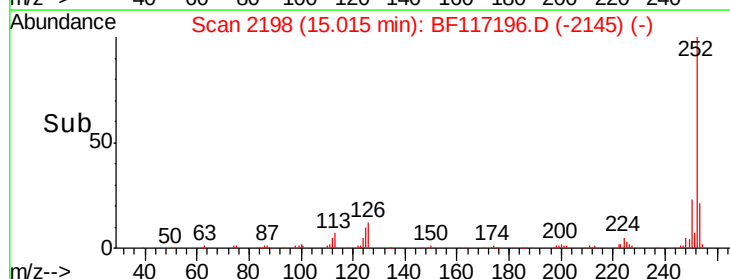
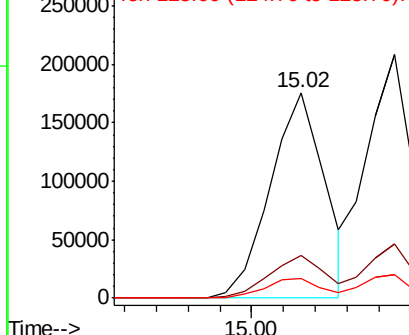


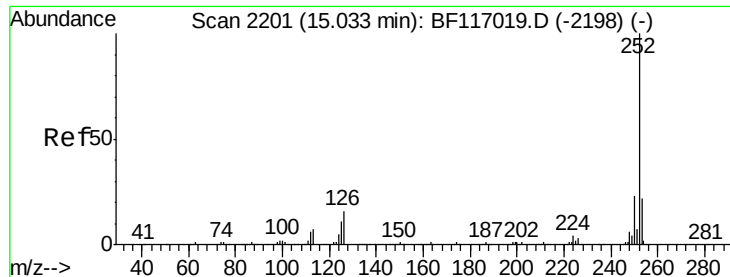
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





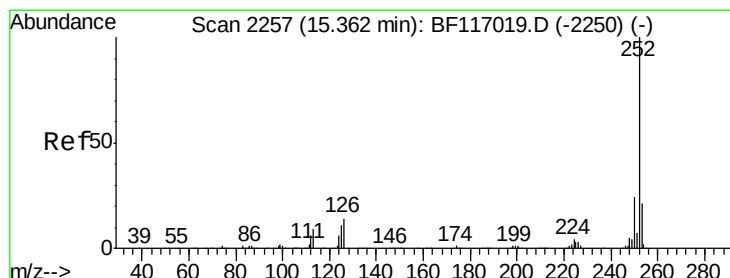
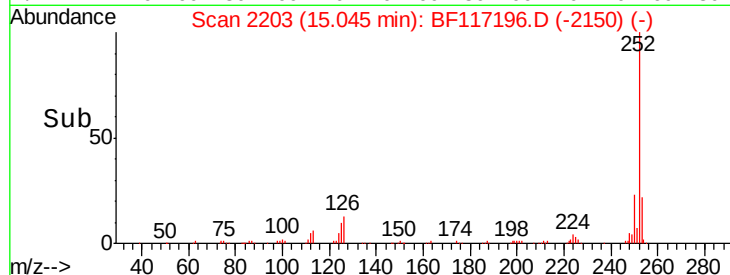
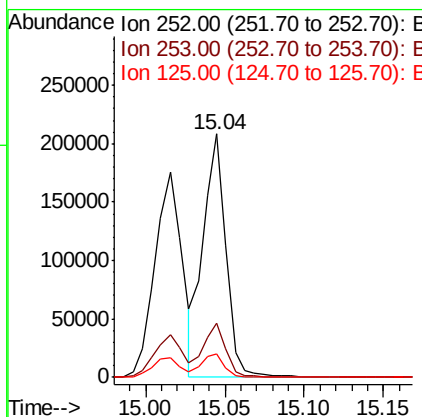
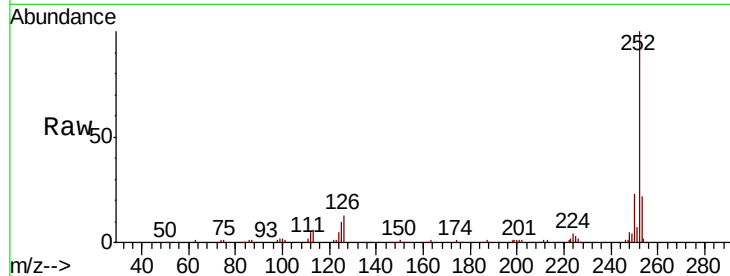
#89
Benzo(k)fluoranthene
Concen: 48.584 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Instrument :
BNA_F
ClientSampleId :
PB123244BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	210888		
253	22.1		17.4	26.2
125	9.9		8.8	13.2

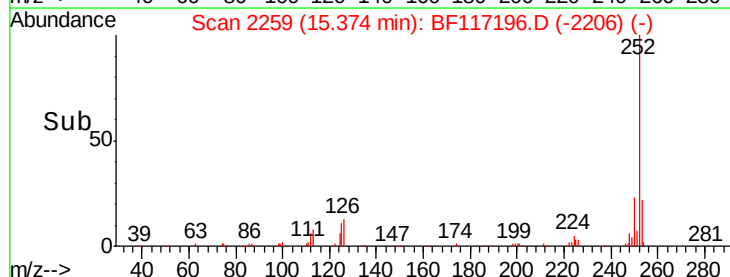
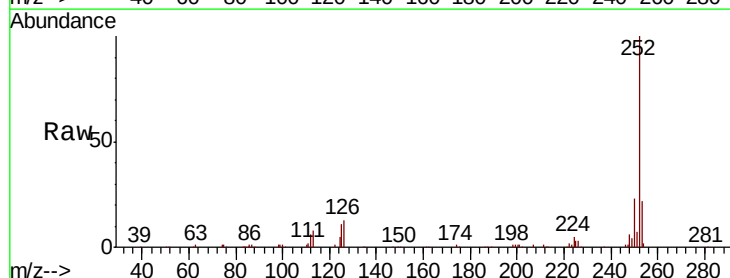
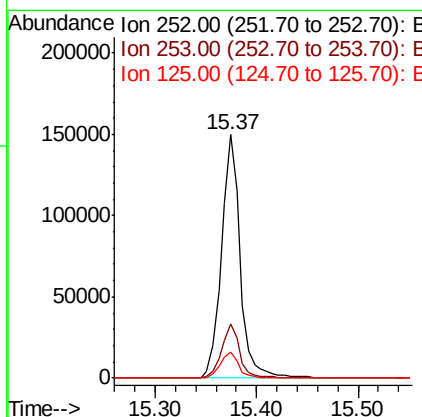
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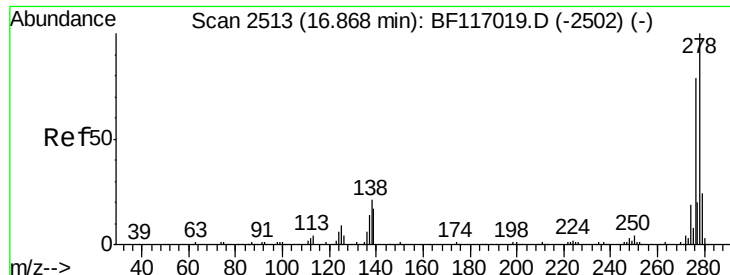
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#90
Benzo(a)pyrene
Concen: 47.432 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117196.D
Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	190724		
253	22.1		16.6	25.0
125	10.6		8.9	13.3





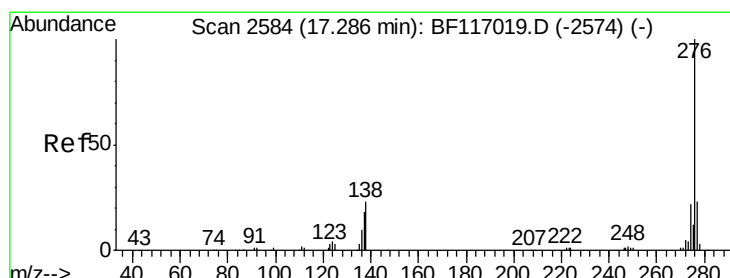
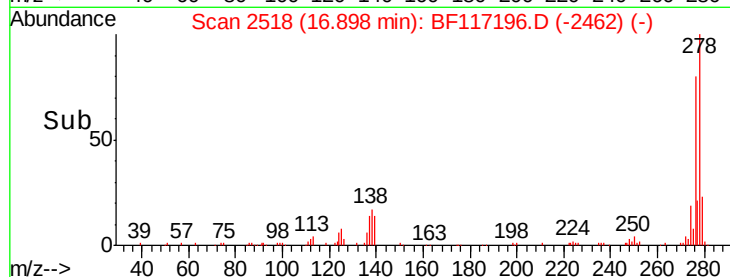
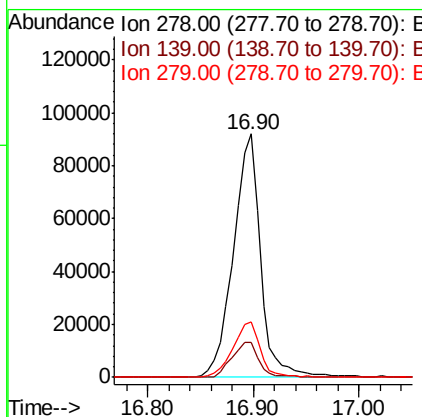
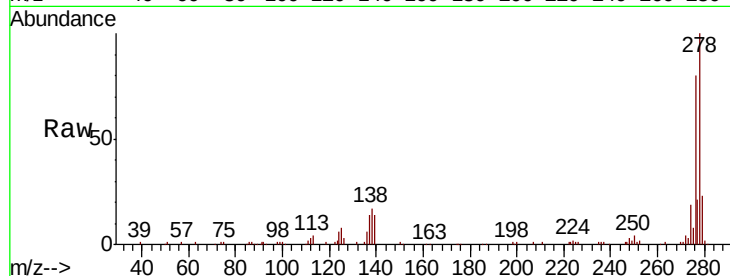
#91
 Dibenzo(a,h)anthracene
 Concen: 51.039 ng
 RT: 16.90 min Scan# 2518
 Delta R.T. 0.03 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.5	20.3
279	23.0	18.8	28.2

Manual Integrations
 APPROVED

mohammad
 9/24/2019 9:12:46 AM



#92
 Benzo(g,h,i)perylene
 Concen: 46.501 ng
 RT: 17.32 min Scan# 2590
 Delta R.T. 0.04 min
 Lab File: BF117196.D
 Acq: 20 Sep 2019 20:03

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.3	18.6	27.8
138	21.6	18.0	27.0

