

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117138.D
 Acq On : 18 Sep 2019 10:42
 Operator : HP/JU
 Sample : PB123115BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123115BS

Manual Integrations
 APPROVED

Jagrut
 9/19/2019 10:42:05 AM

Quant Time: Sep 18 13:33:29 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	69590	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	301139	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	153630	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	255523	20.00	ng	0.00
76) Chrysene-d12	13.97	240	162323	20.00	ng	0.00
87) Perylene-d12	15.42	264	123994	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	464170	104.14	ng	0.02
7) Phenol-d6	6.47	99	609926	105.88	ng	0.01
23) Nitrobenzene-d5	7.39	82	365432	63.76	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	139143	108.37	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	654210	66.58	ng	0.00
79) Terphenyl-d14	12.91	244	617049	71.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	73199	39.245	ng	98
3) Pyridine	3.40	79	166716	32.656	ng	94
4) n-Nitrosodimethylamine	3.35	42	65859	37.592	ng	97
6) Aniline	6.49	93	235582	31.764	ng	91
8) 2-Chlorophenol	6.62	128	205282	42.691	ng	97
9) Benzaldehyde	6.37	77	121964	43.107	ng	98
10) Phenol	6.48	94	258833	40.758	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	186601	39.980	ng	99
12) 1,3-Dichlorobenzene	6.76	146	211405	39.179	ng	99
13) 1,4-Dichlorobenzene	6.84	146	219623	39.884	ng	99
14) 1,2-Dichlorobenzene	6.99	146	202255	39.450	ng	97
15) Benzyl Alcohol	6.97	79	185172	41.918	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	178938	38.805	ng	91
17) 2-Methylphenol	7.08	107	168369	41.779	ng	95
18) Hexachloroethane	7.33	117	85390	40.309	ng	97
19) n-Nitroso-di-n-propylamine	7.23	70	146842	41.863	ng	94
20) 3+4-Methylphenols	7.23	107	215034	42.837	ng	96
22) Acetophenone	7.23	105	299434	39.137	ng	98
24) Nitrobenzene	7.40	77	223657	39.516	ng	97
25) Isophorone	7.65	82	400871	39.503	ng	99
26) 2-Nitrophenol	7.72	139	104971	43.178	ng	97
27) 2,4-Dimethylphenol	7.76	122	175827	45.607	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	245204	39.219	ng	100
29) 2,4-Dichlorophenol	7.97	162	165912	41.071	ng	94
30) 1,2,4-Trichlorobenzene	8.05	180	167167	38.303	ng	98
31) Naphthalene	8.13	128	579472	40.011	ng	99
32) Benzoic acid	7.89	122	79899	30.270	ng	95
33) 4-Chloroaniline	8.17	127	144393	22.478	ng	98
34) Hexachlorobutadiene	8.25	225	93848	37.902	ng	99
35) Caprolactam	8.55	113	52353m	38.289	ng	
36) 4-Chloro-3-methylphenol	8.66	107	193361	41.051	ng	99
37) 2-Methylnaphthalene	8.82	142	396484	40.654	ng	99
38) 1-Methylnaphthalene	8.91	142	381158	41.729	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	157717	39.756	ng	99

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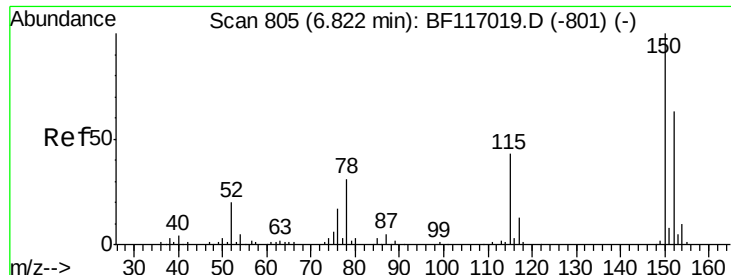
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	132376	75.932	nq	98
43) 2,4,6-Trichlorophenol	9.09	196	105190	39.072	nq	99
44) 2,4,5-Trichlorophenol	9.14	196	116655	40.556	nq	98
46) 1,1'-Biphenyl	9.27	154	474111	39.343	nq	100
47) 2-Chloronaphthalene	9.30	162	370955	39.004	nq	99
48) 2-Nitroaniline	9.40	65	118743	38.925	nq	94
49) Acenaphthylene	9.72	152	580756	40.762	nq	99
50) Dimethylphthalate	9.57	163	425157	39.085	nq	99
51) 2,6-Dinitrotoluene	9.64	165	93760	42.321	nq	96
52) Acenaphthene	9.89	154	330987	39.190	nq	99
53) 3-Nitroaniline	9.81	138	75520	27.018	nq	99
54) 2,4-Dinitrophenol	9.92	184	71784	75.608	nq	95
55) Dibenzofuran	10.06	168	503130	40.377	nq	97
56) 4-Nitrophenol	9.98	139	126420	69.783	nq	97
57) 2,4-Dinitrotoluene	10.05	165	126470	43.978	nq	97
58) Fluorene	10.40	166	411746	41.020	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	91323m	41.489	nq	
60) Diethylphthalate	10.27	149	426744	39.876	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	177738	40.926	nq	97
62) 4-Nitroaniline	10.43	138	109061	37.518	nq	96
63) Azobenzene	10.55	77	440555	40.307	nq	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	51813	45.005	nq	88
66) n-Nitrosodiphenylamine	10.51	169	356216	40.366	nq	98
67) 4-Bromophenyl-phenylether	10.87	248	104390	40.004	nq	94
68) Hexachlorobenzene	10.95	284	108261	37.931	nq	# 92
69) Atrazine	11.03	200	99579	45.482	nq	97
70) Pentachlorophenol	11.15	266	103736	77.537	nq	96
71) Phenanthrene	11.36	178	571448	39.373	nq	99
72) Anthracene	11.41	178	600826	40.549	nq	98
73) Carbazole	11.57	167	558202	39.688	nq	99
74) Di-n-butylphthalate	11.89	149	664525	39.711	nq	98
75) Fluoranthene	12.55	202	581297	38.980	nq	99
77) Benzidine	12.66	184	221671	42.394	nq	99
78) Pyrene	12.77	202	582352	42.757	nq	99
80) Butylbenzylphthalate	13.38	149	268180	41.670	nq	99
81) Benzo(a)anthracene	13.96	228	422419	38.951	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	105973	30.324	nq	99
83) Chrysene	14.00	228	420159	39.722	nq	98
84) Bis(2-ethylhexyl)phthalate	13.94	149	354404	42.710	nq	99
85) Di-n-octyl phthalate	14.54	149	550342	42.138	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	299152	38.766	nq	98
88) Benzo(b)fluoranthene	15.00	252	325915	43.393	nq	99
89) Benzo(k)fluoranthene	15.03	252	332439	46.725	nq	98
90) Benzo(a)pyrene	15.36	252	304392	46.184	nq	97
91) Dibenzo(a,h)anthracene	16.86	278	254131	48.402	nq	99
92) Benzo(g,h,i)perylene	17.29	276	247393	47.284	nq	96

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



#1

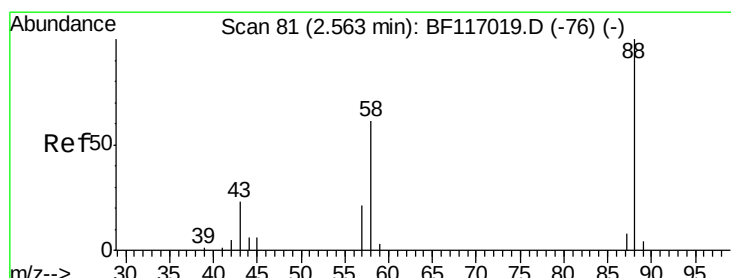
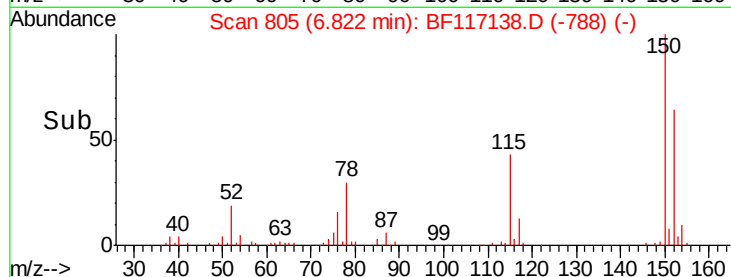
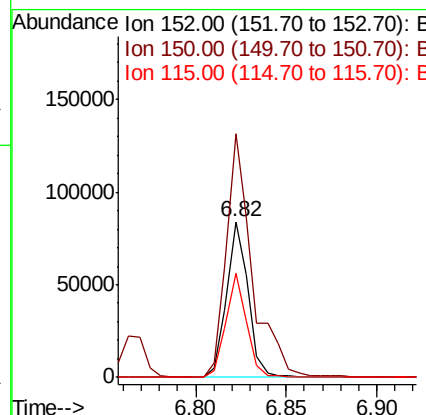
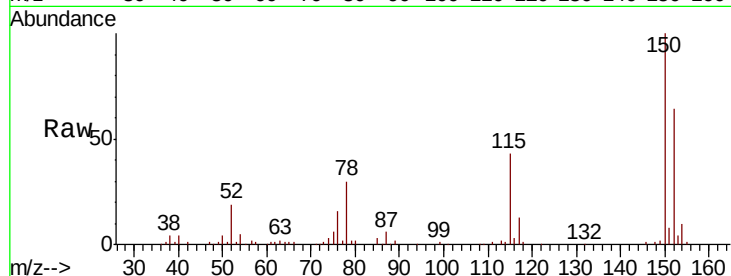
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	127.5	191.3
115	67.0	55.0	82.4

Manual Integrations
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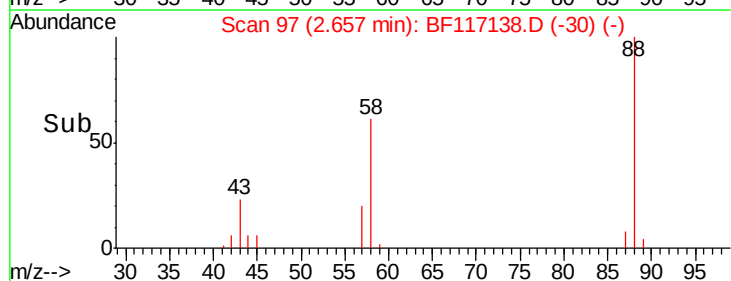
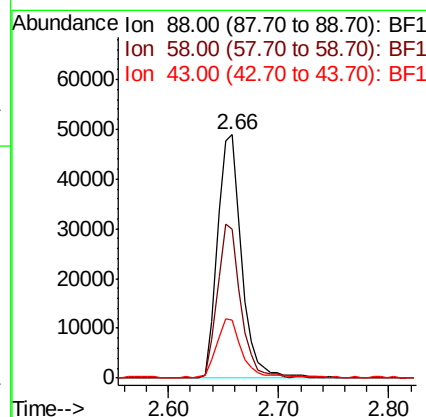
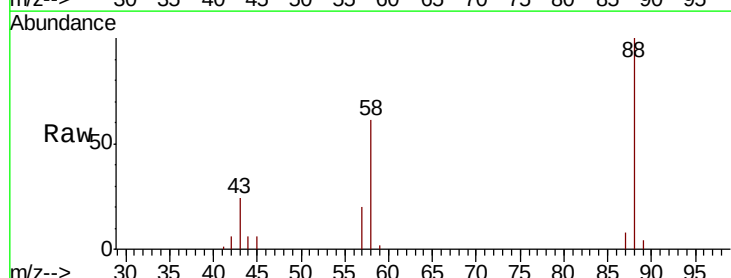
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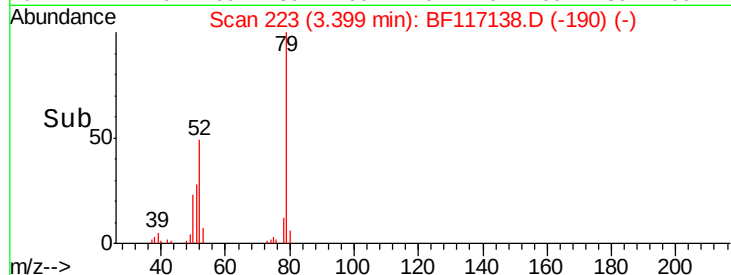
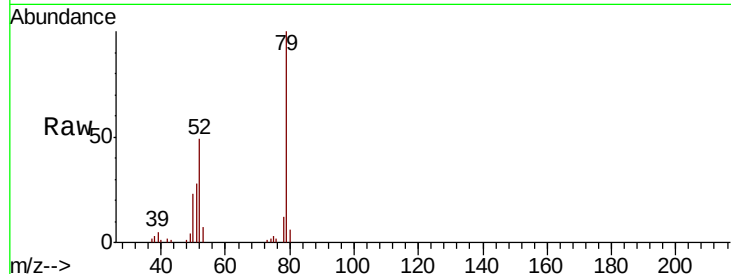
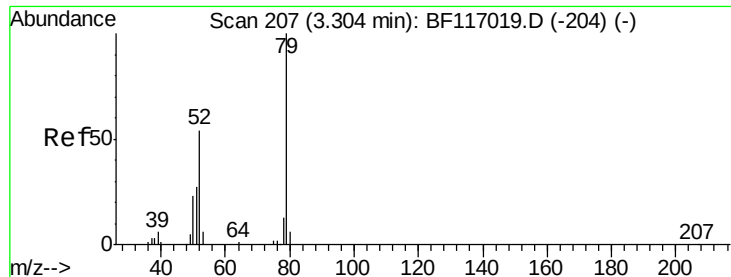


#2

1,4-Dioxane
Concen: 39.245 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.09 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.8	49.3	73.9
43	26.3	18.8	28.2





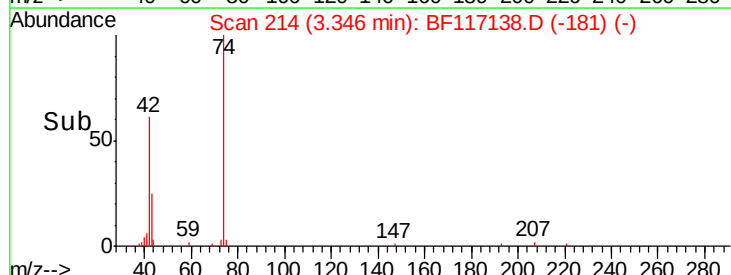
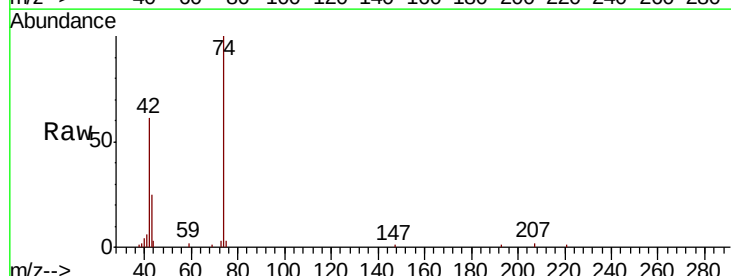
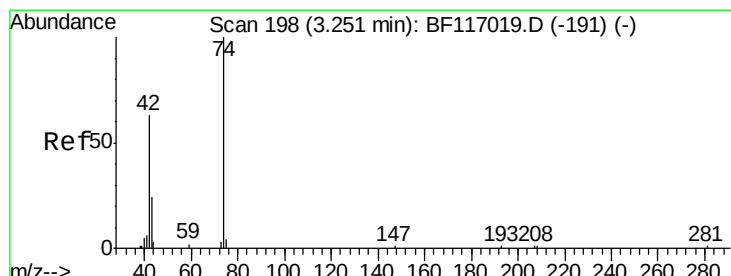
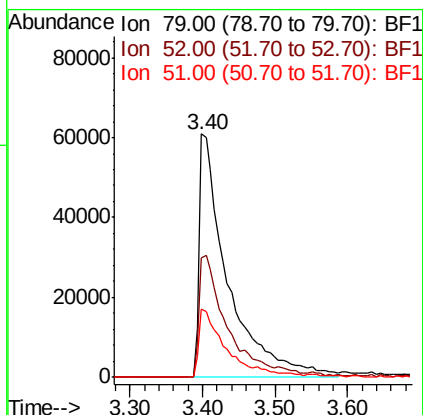
#3
 Pvridine
 Concen: 32.656 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.09 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tot Ion:	79	Resp:	166716
Ion Ratio	Lower	Upper	
79	100		
52	49.0	43.5	65.3
51	28.0	21.8	32.6

Instrument :
 BNA_F
 ClientSampleId :
 PB123115BS

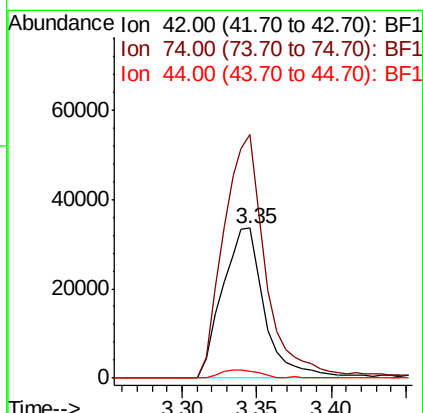
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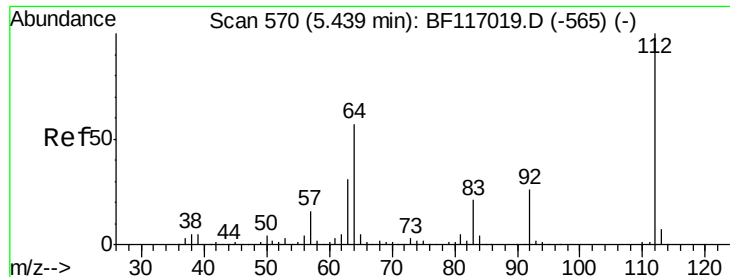
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#4
 n-Nitrosodimethylamine
 Concen: 37.592 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.09 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion:	42	Resp:	65859
Ion Ratio	Lower	Upper	
42	100		
74	162.6	127.1	190.7
44	4.9	4.3	6.5





#5

2-Fluorophenol

Concen: 104.136 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

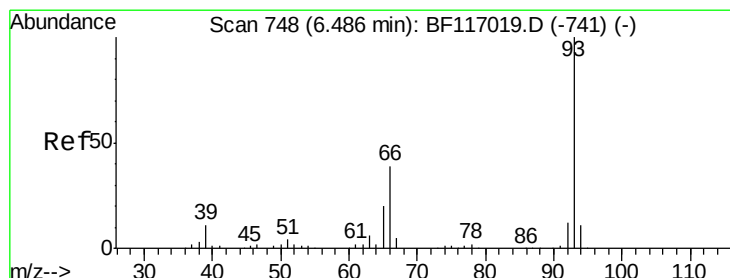
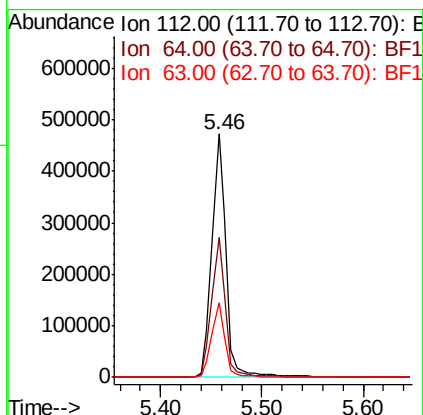
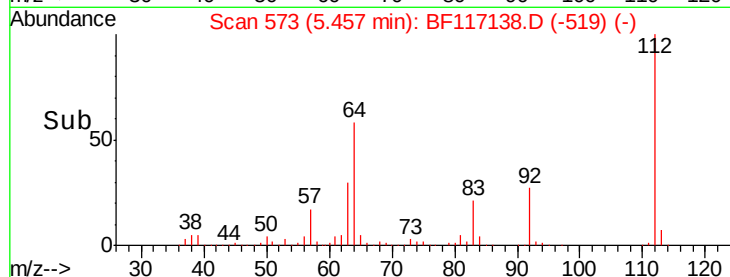
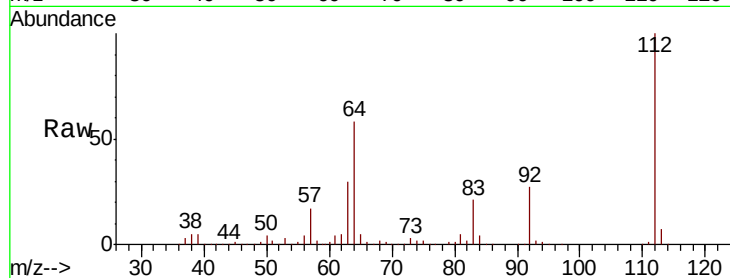
ClientSampleId :

PB123115BS

Tot Ion:	112	Resp:	464170
Ion Ratio	Lower	Upper	
112	100		
64	57.7	45.7	68.5
63	30.5	24.9	37.3

Manual Integrations
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#6

Aniline

Concen: 31.764 ng

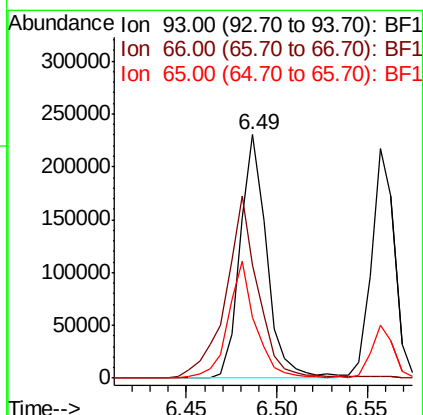
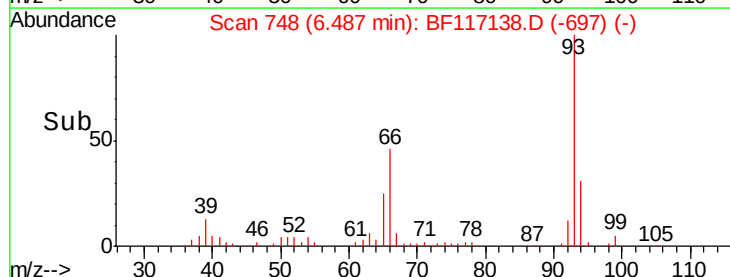
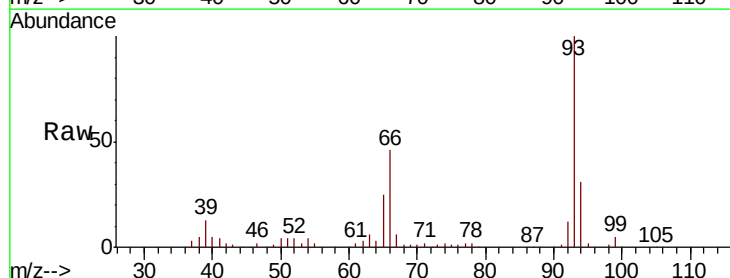
RT: 6.49 min Scan# 748

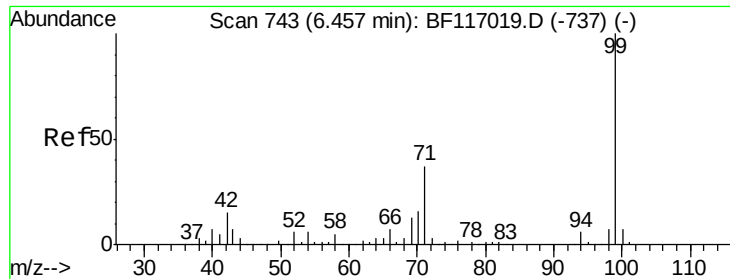
Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Tgt Ion:	93	Resp:	235582
Ion Ratio	Lower	Upper	
93	100		
66	46.4	32.6	49.0
65	24.8	16.7	25.1





#7

Phenol-d6

Concen: 105.881 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

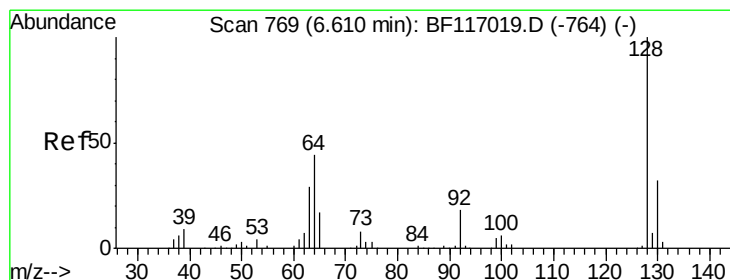
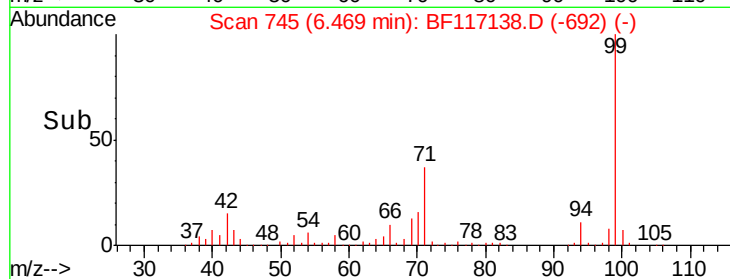
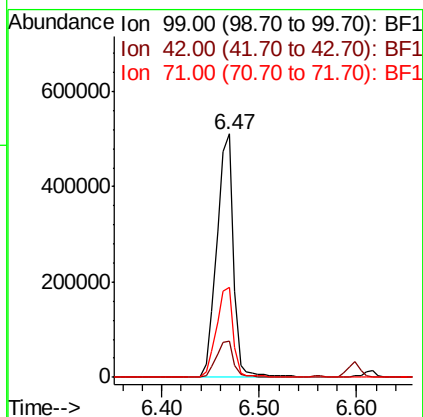
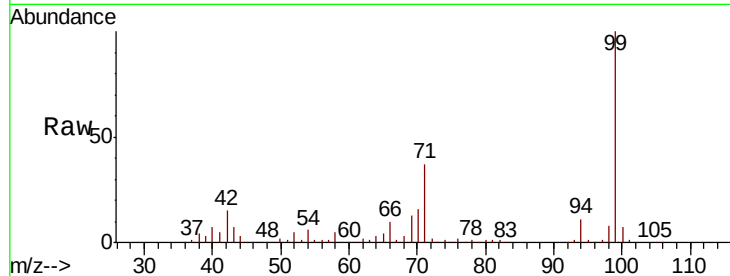
ClientSampleId :

PB123115BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		609926		
42	14.9	12.2	18.2		
71	36.9	29.8	44.8		

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#8

2-Chlorophenol

Concen: 42.691 ng

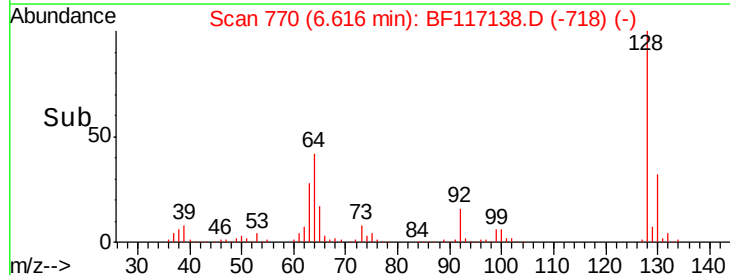
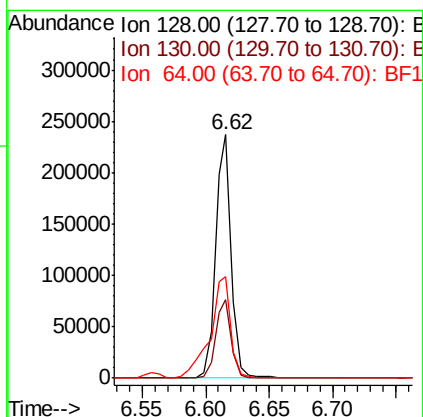
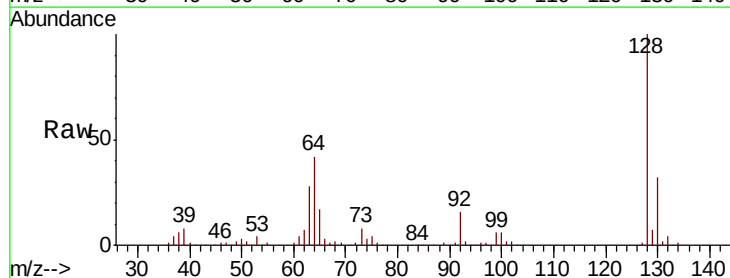
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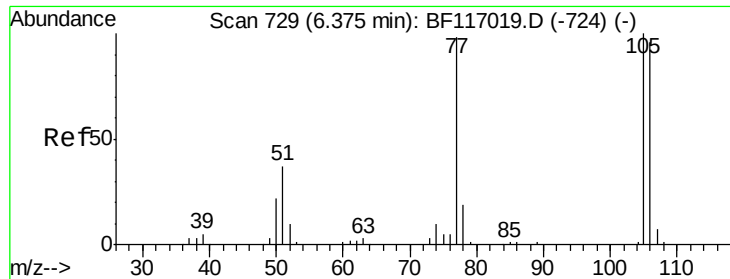
Delta R.T. 0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		205282		
130	32.5	11.8	51.8		
64	41.7	25.0	65.0		





#9

Benzaldehyde

Concen: 43.107 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

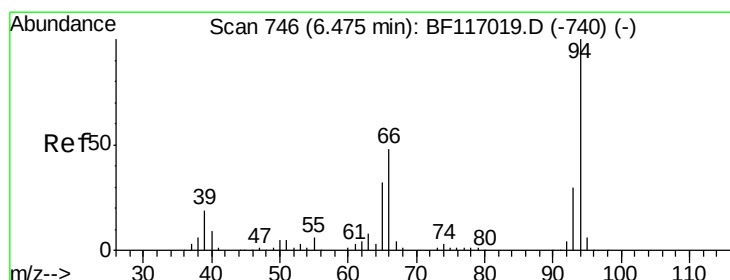
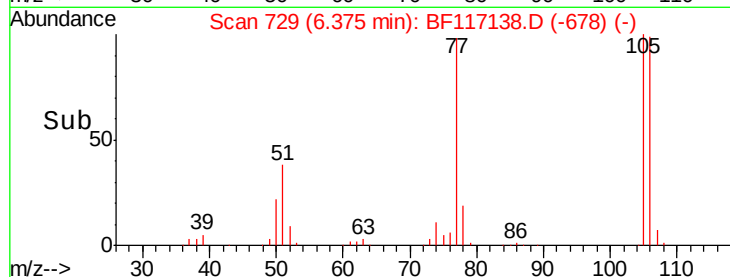
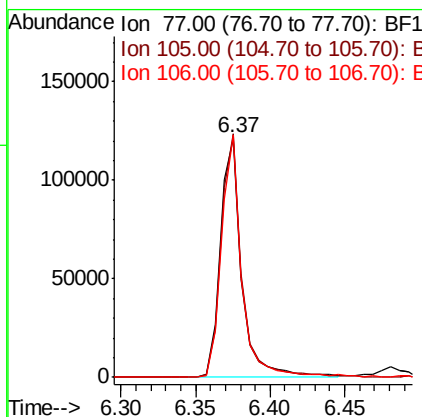
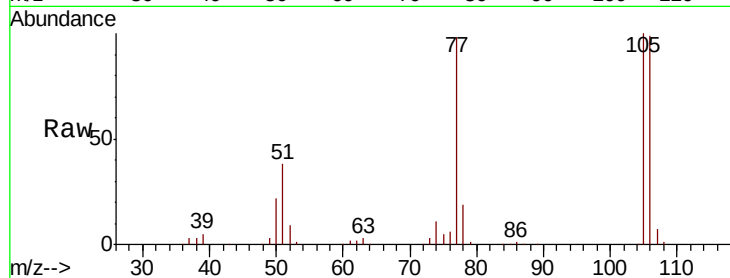
ClientSampleId :

PB123115BS

Tot Ion:	77	Resp:	121964
Ion	Ratio	Lower	Upper
77	100		
105	102.1	81.8	121.8
106	101.5	77.3	117.3

Manual Integrations
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#10

Phenol

Concen: 40.758 ng

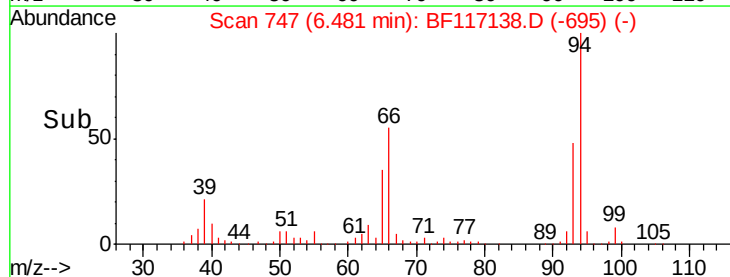
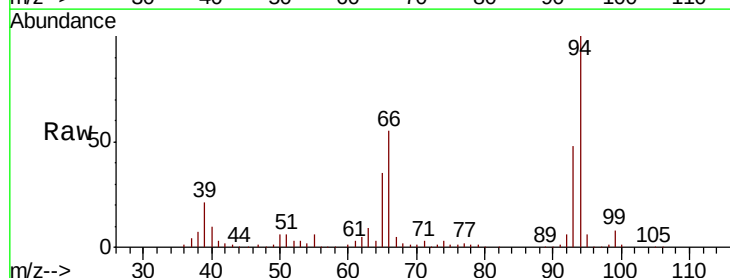
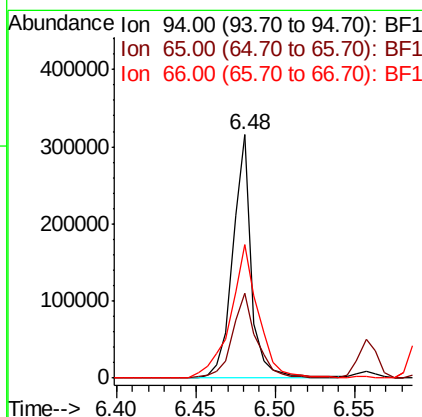
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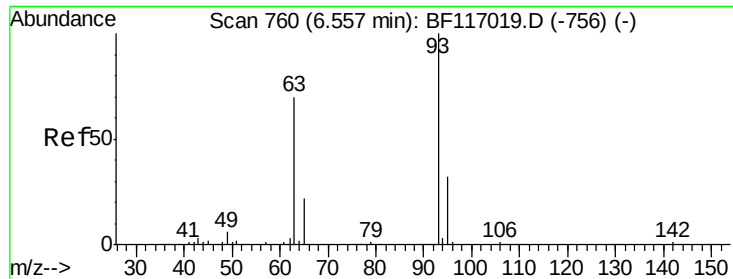
Delta R.T. 0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Tgt Ion:	94	Resp:	258833
Ion	Ratio	Lower	Upper
94	100		
65	35.1	12.5	52.5
66	54.7	28.9	68.9





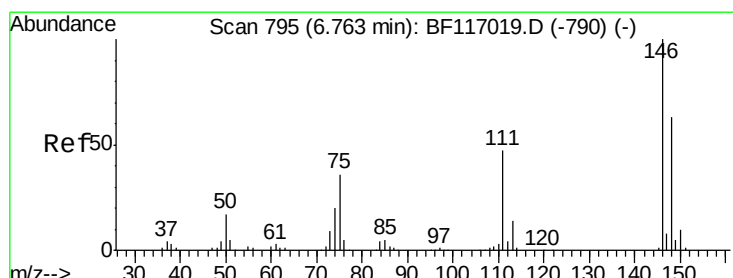
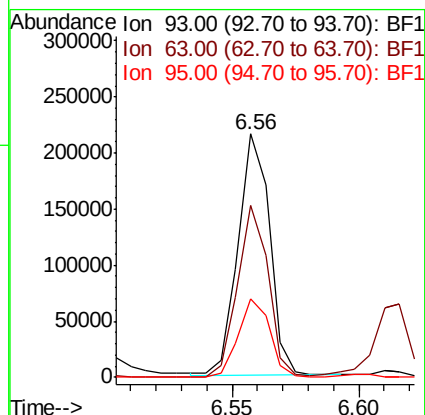
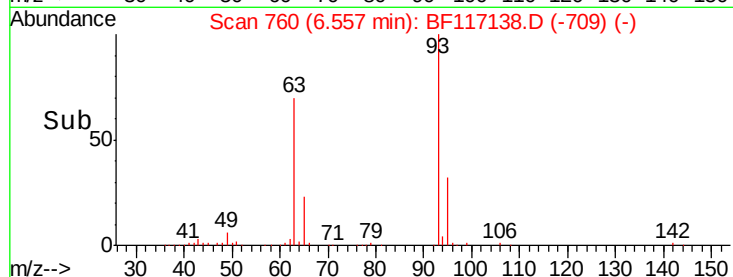
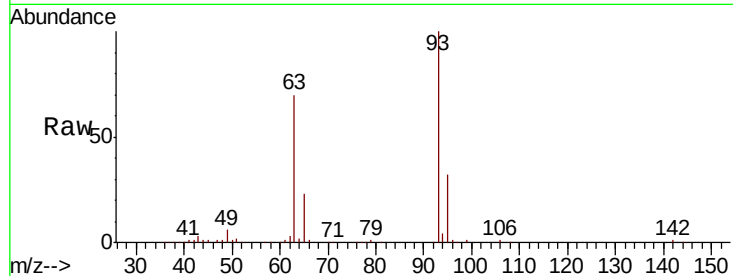
#11
bis(2-Chloroethyl)ether
Concen: 39.980 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampled :
PB123115BS

Tot Ion:	93	Resp:	186601
Ion Ratio	Lower	Upper	
93	100		
63	70.4	49.3	89.3
95	32.2	11.5	51.5

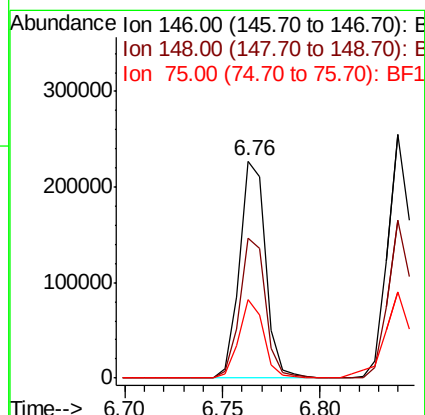
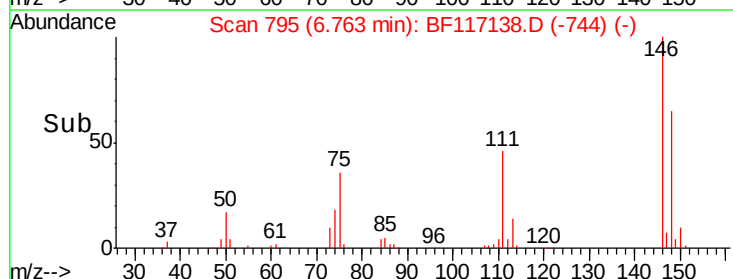
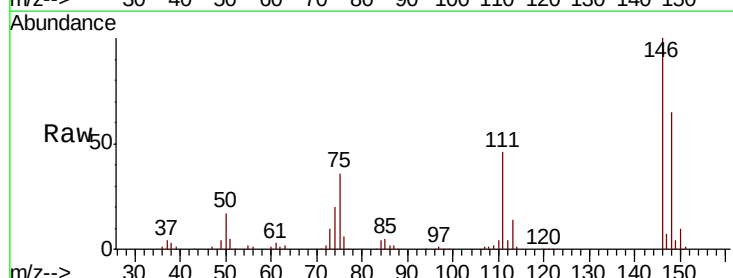
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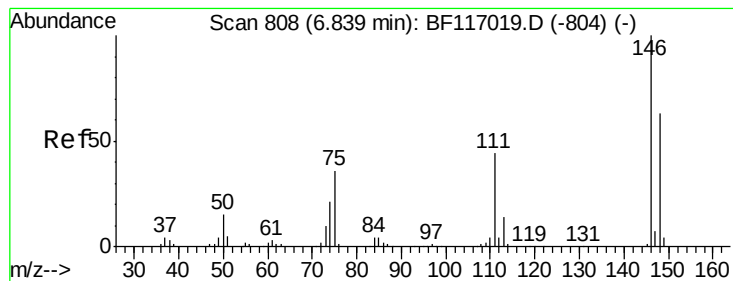
Jagrut
9/19/2019 10:42:05 AM



#12
1,3-Dichlorobenzene
Concen: 39.179 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion:	146	Resp:	211405
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.8	76.2
75	36.0	28.7	43.1





#13

1,4-Dichlorobenzene

Concen: 39.884 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

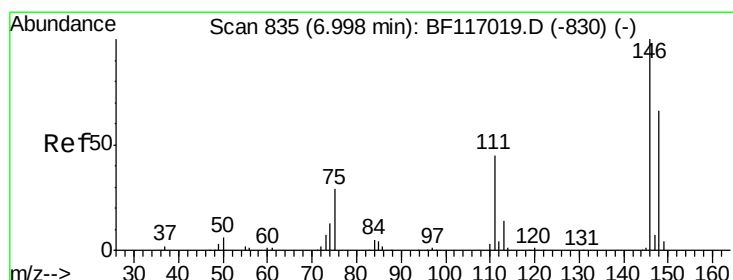
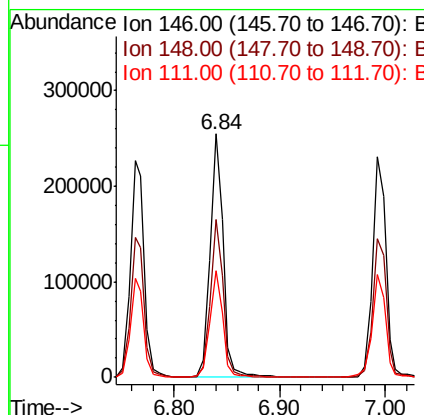
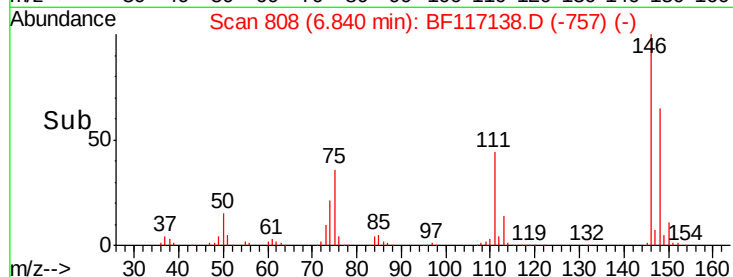
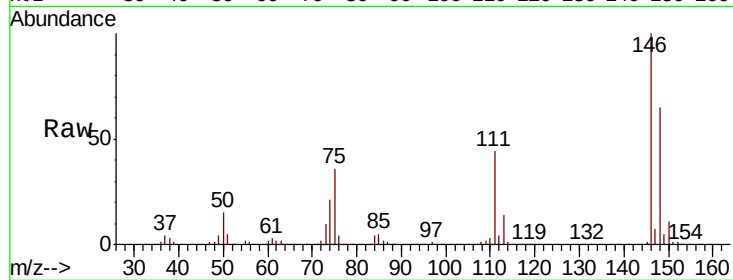
ClientSampleId :

PB123115BS

Tot Ion:	146	Resp:	219623
Ion Ratio	Lower	Upper	
146	100		
148	64.6	50.6	76.0
111	44.0	35.0	52.6

Manual Integrations
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#14

1,2-Dichlorobenzene

Concen: 39.450 ng

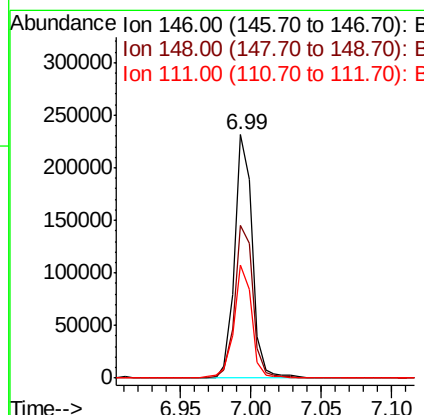
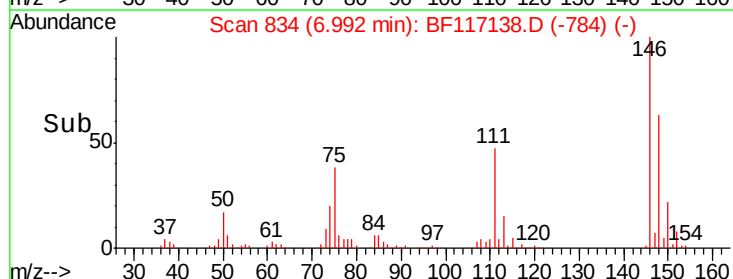
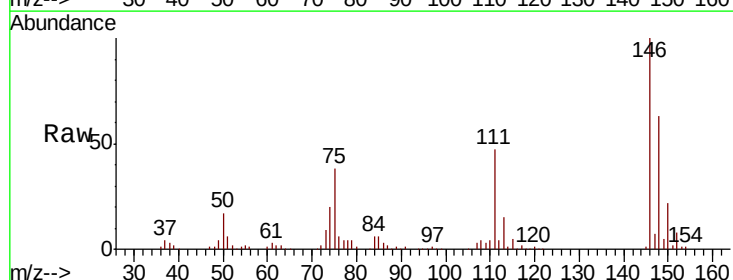
RT: 6.99 min Scan# 834

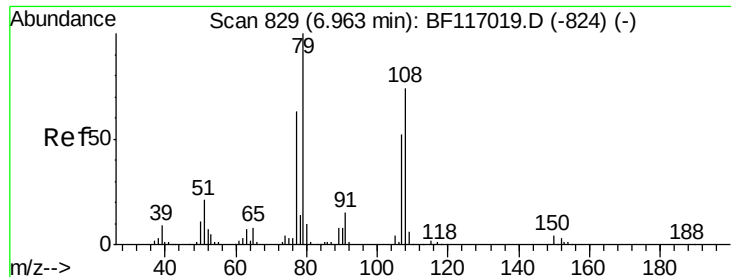
Delta R.T. -0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Tgt Ion:	146	Resp:	202255
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.6	78.8
111	46.7	36.2	54.2





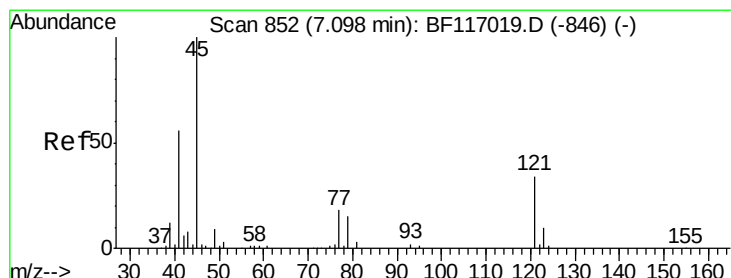
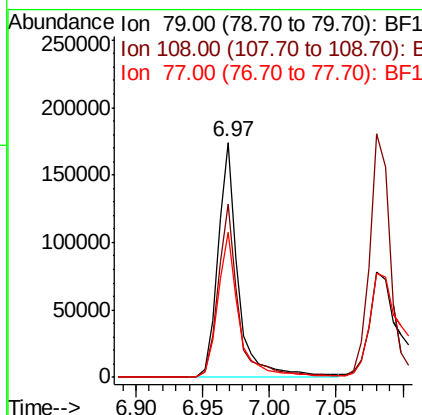
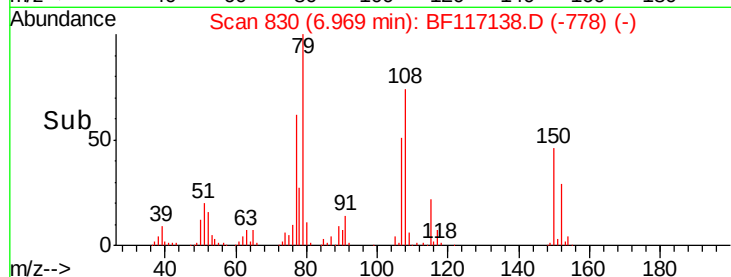
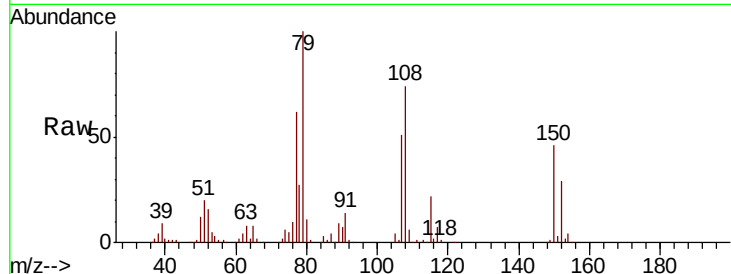
#15
Benzyl Alcohol
Concen: 41.918 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	73.8	59.4	89.0
77	62.0	50.2	75.2

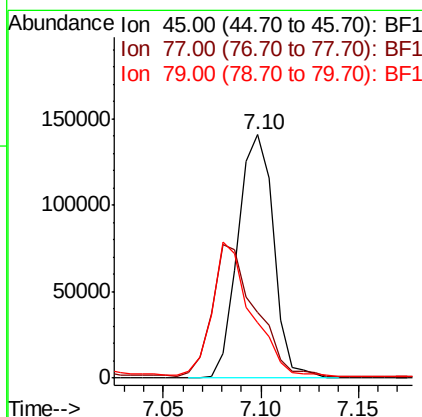
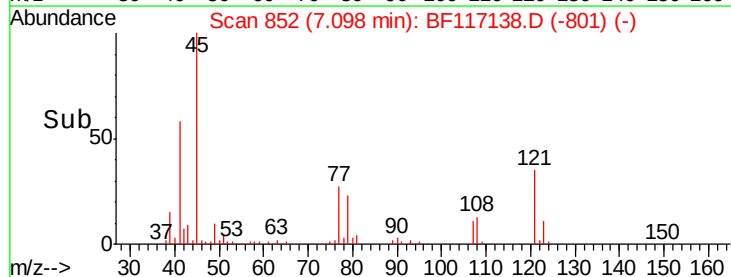
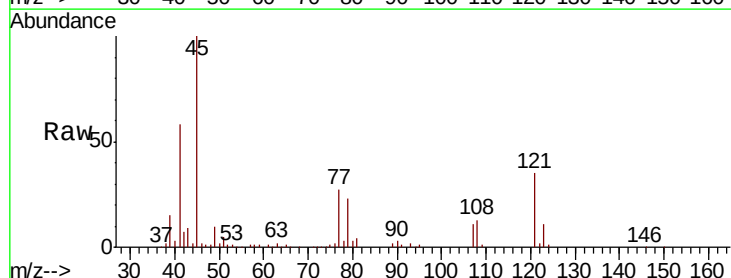
Manual Integrations
APPROVED

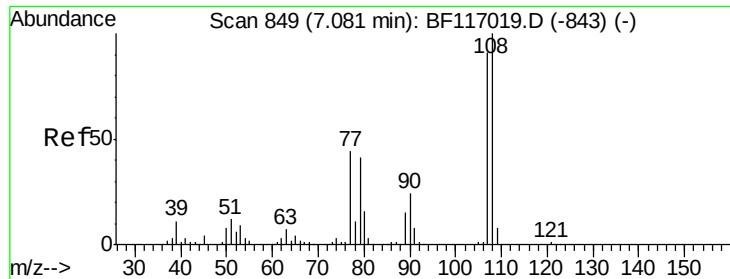
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#16
2,2'-oxybis(1-chloropropane)
Concen: 38.805 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
45	100		
77	27.2	2.7	42.7
79	22.6	0.0	38.9





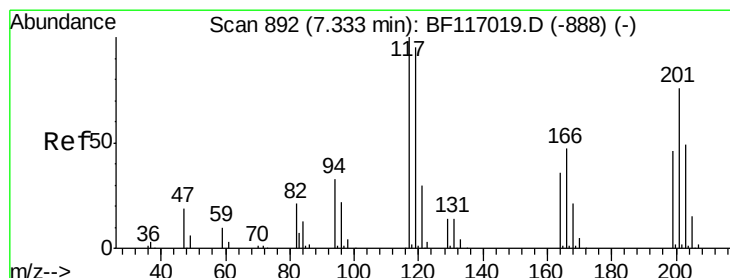
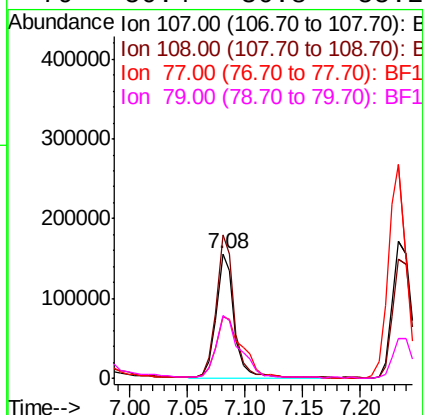
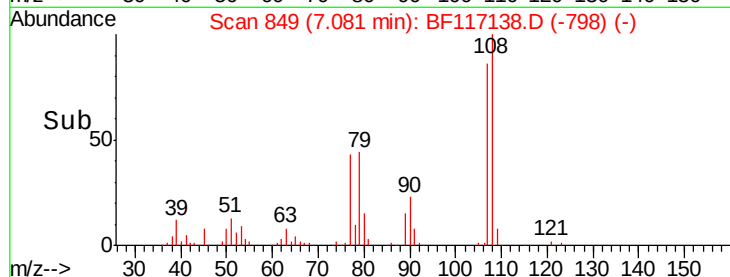
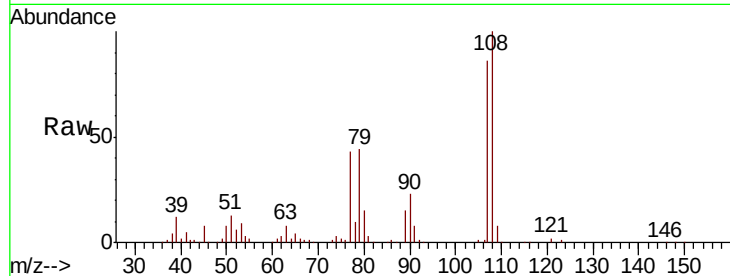
#17
2-Methylphenol
Concen: 41.779 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.9	87.7	131.5	
77	49.9	38.6	58.0	
79	50.4	36.8	55.2	

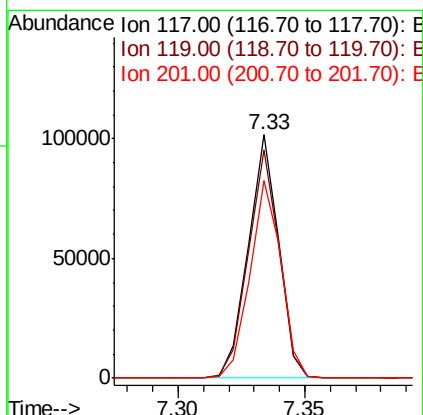
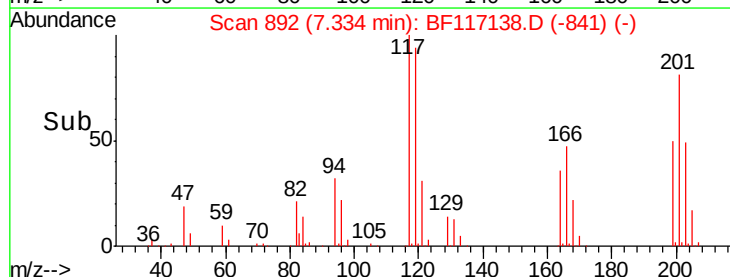
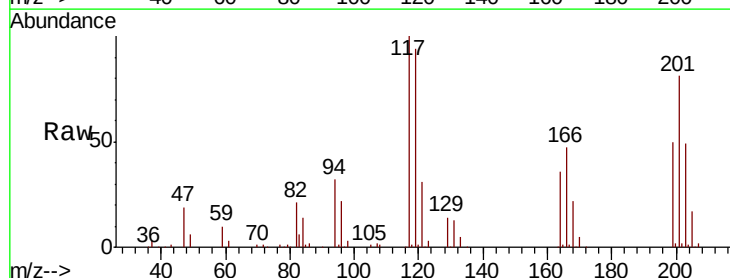
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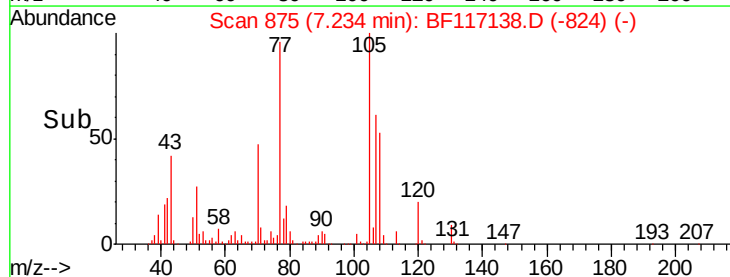
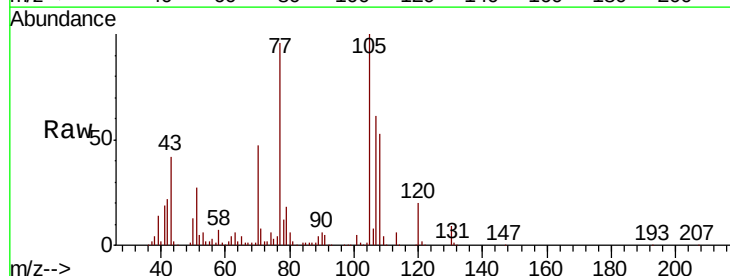
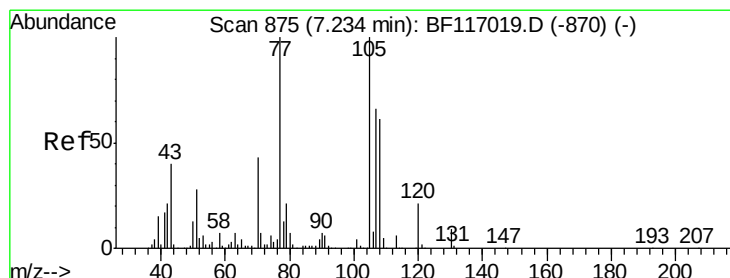
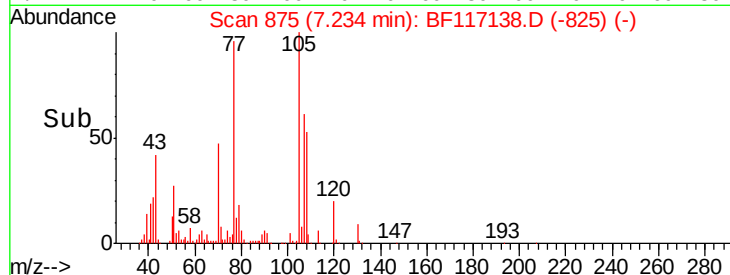
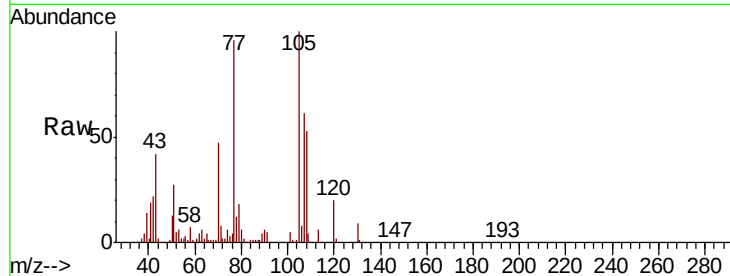
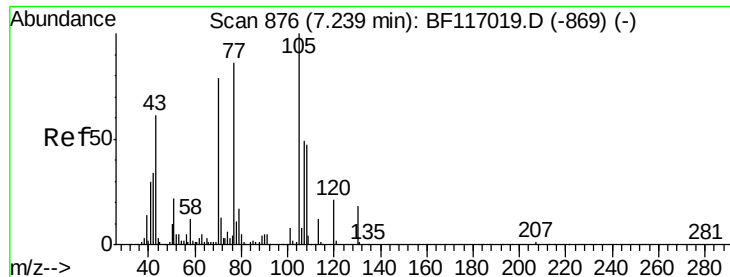
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#18
Hexachloroethane
Concen: 40.309 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

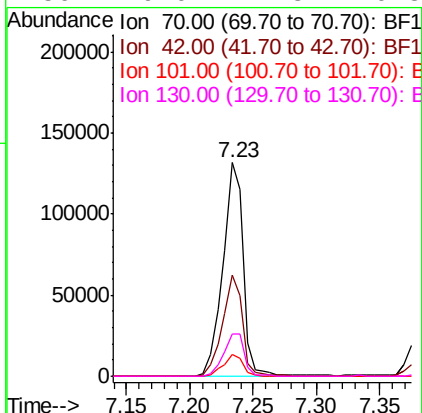
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.0	75.8	113.8	
201	81.2	60.9	91.3	





#19
n-Nitroso-di-n-propylamine
Concen: 41.863 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tot Ion	Ratio	Lower	Upper
70	100		
42	47.1	34.0	51.0
101	10.1	7.8	11.6
130	20.0	17.8	26.8



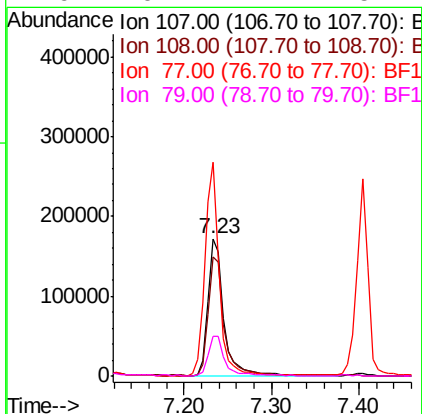
Instrument :
BNA_F
ClientSampleId :
PB123115BS

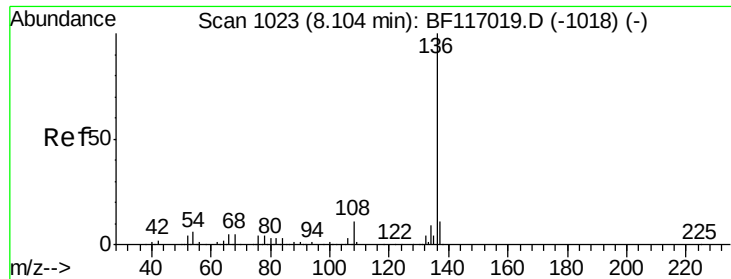
Manual Integrations
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#20
3+4-Methylphenols
Concen: 42.837 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.4	72.6	112.6
77	155.7	132.1	172.1
79	29.2	12.1	52.1





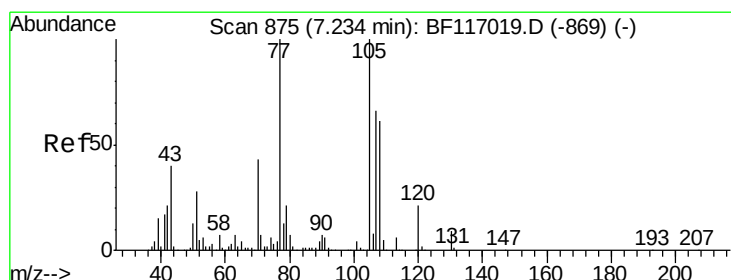
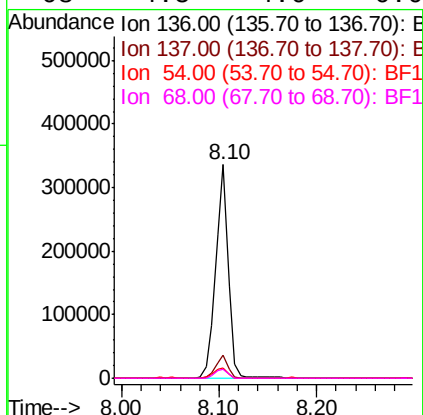
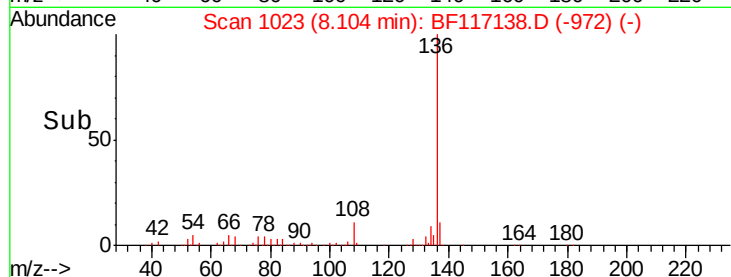
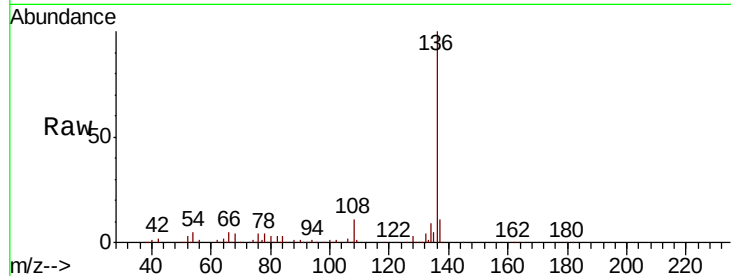
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	301139		
137	10.7		9.0	13.4
54	4.9		4.5	6.7
68	4.5		4.0	6.0

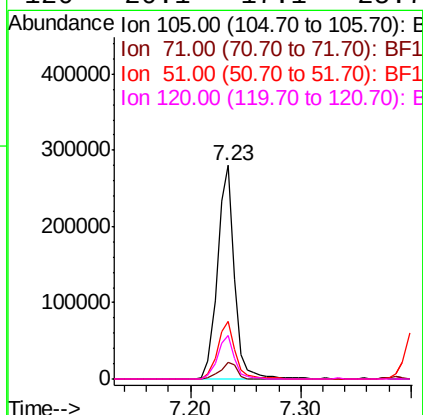
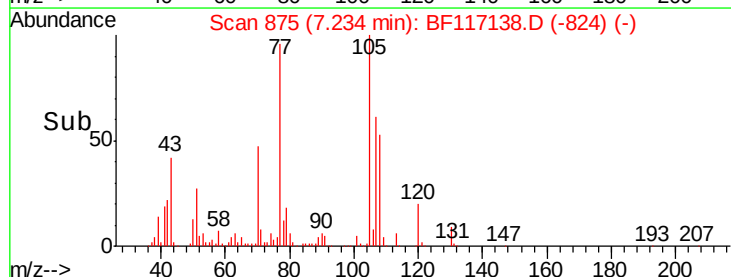
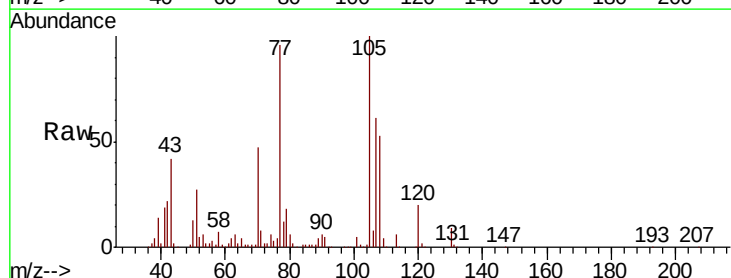
Manual Integrations
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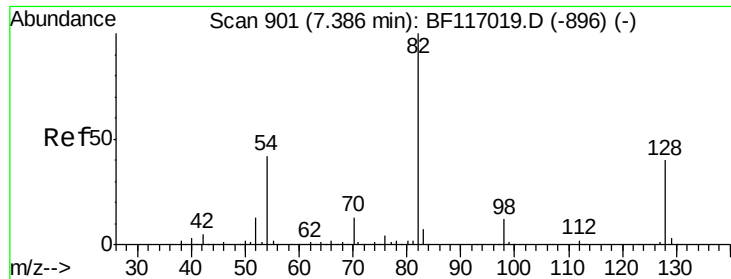
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#22
Acetophenone
Concen: 39.137 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	299434		
71	7.6		5.7	8.5
51	26.7		22.1	33.1
120	20.1		17.1	25.7





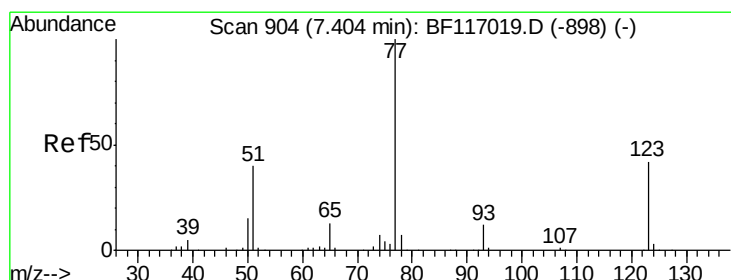
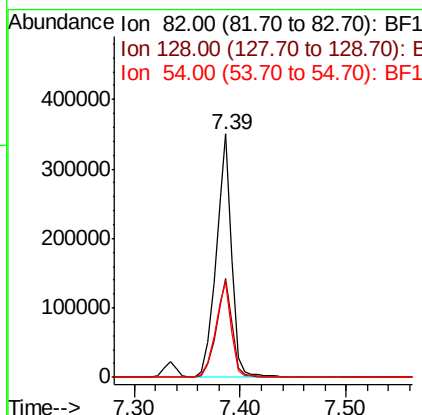
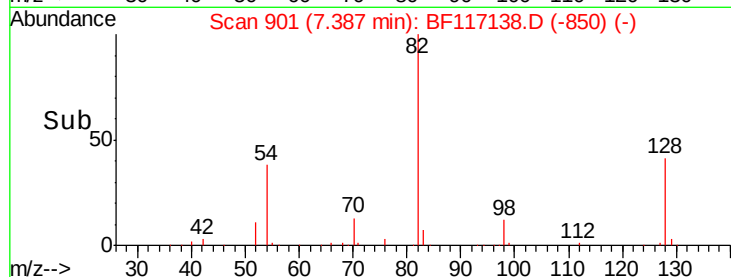
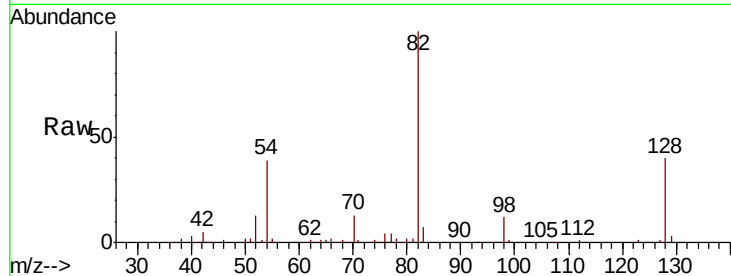
#23
 Nitrobenzene-d5
 Concen: 63.760 ng
 RT: 7.39 min Scan# 901
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB123115BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	40.4	32.3	48.5	
54	39.3	33.3	49.9	

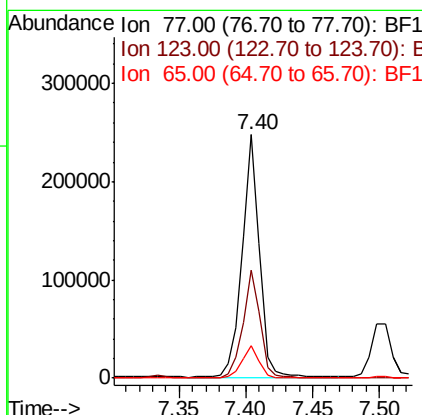
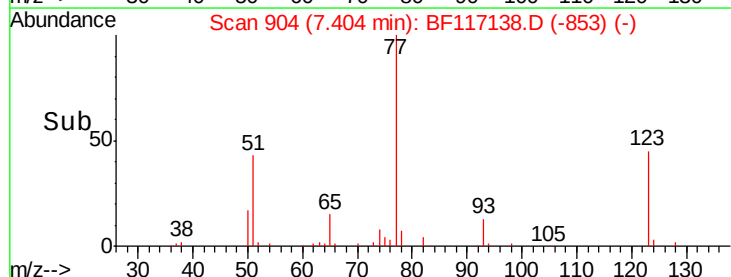
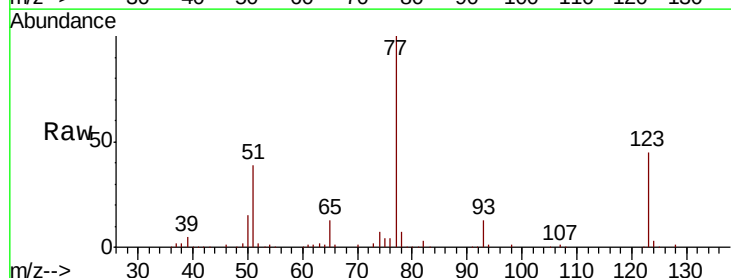
Manual Integrations
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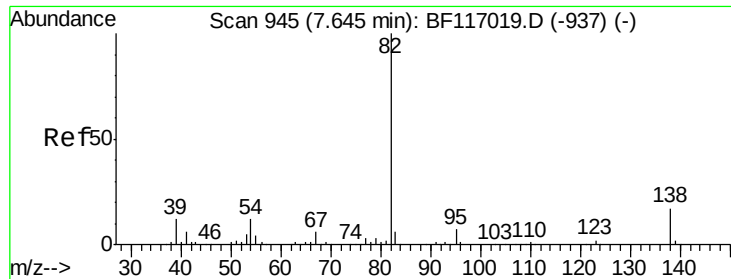
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#24
 Nitrobenzene
 Concen: 39.516 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	44.5	33.5	50.3	
65	13.1	10.5	15.7	





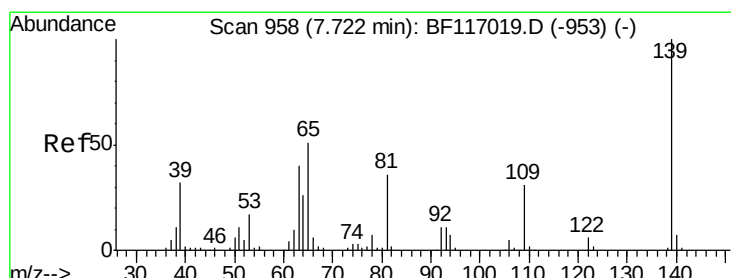
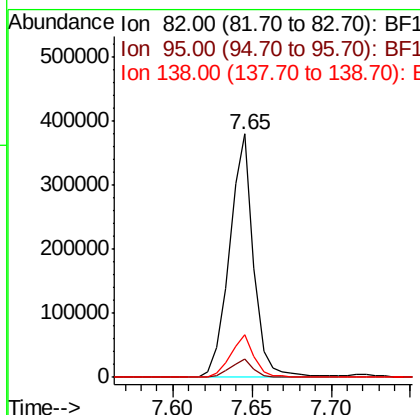
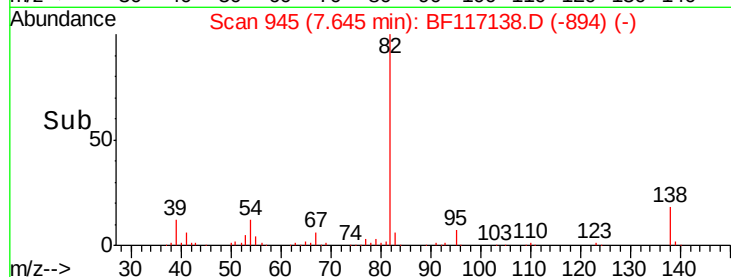
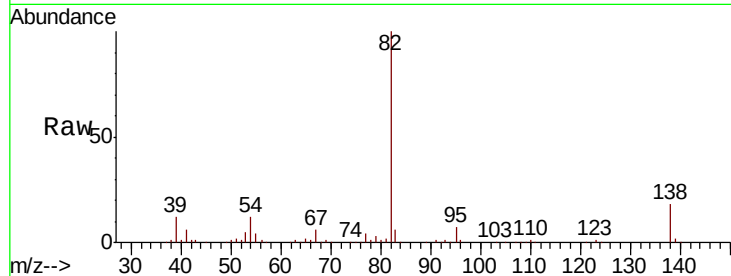
#25
Isophorone
Concen: 39.503 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	400871		
95	7.3		5.8	8.6
138	17.6		13.5	20.3

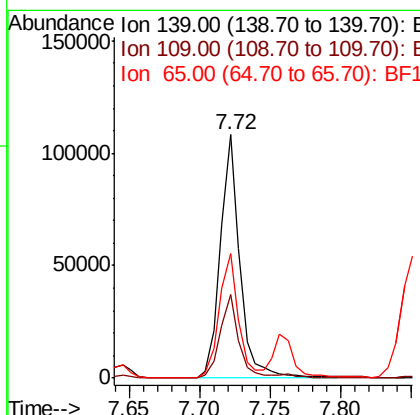
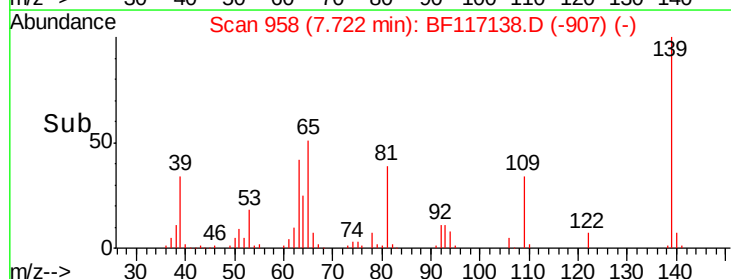
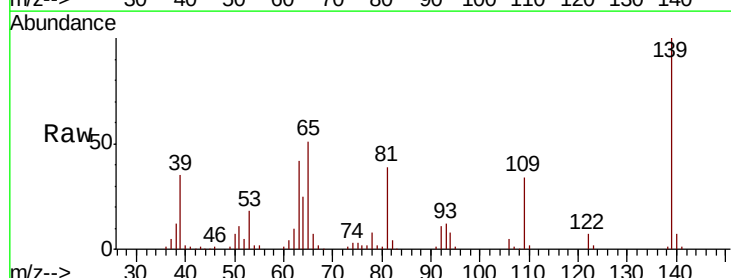
Manual Integrations
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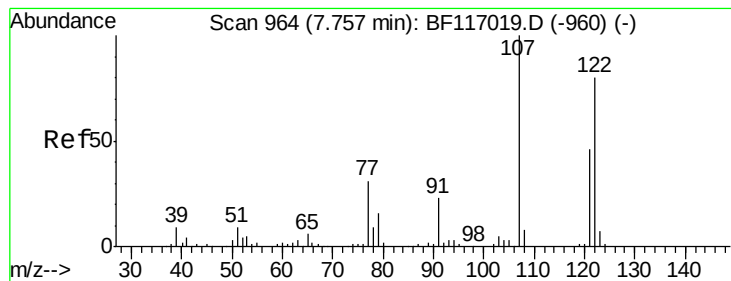
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#26
2-Nitrophenol
Concen: 43.178 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	104971		
109	34.1		24.6	36.8
65	51.4		40.9	61.3





#27

2,4-Dimethylphenol

Concen: 45.607 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

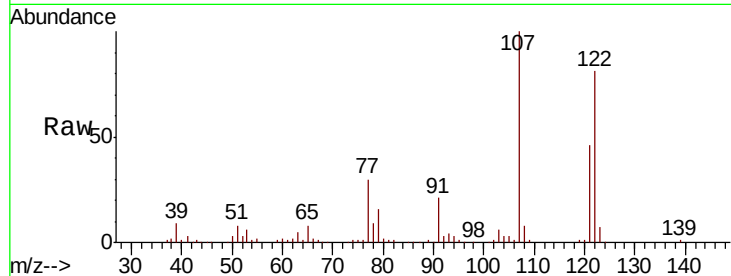
ClientSampleId :

PB123115BS

Tot Ion:	122	Resp:	175827
Ion Ratio	Lower	Upper	
122	100		
107	122.9	98.9	148.3
121	57.0	45.3	67.9

Manual Integrations
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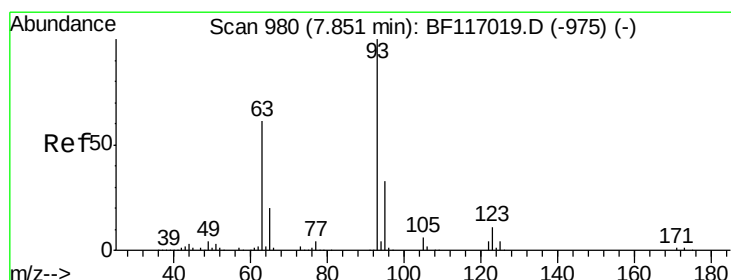
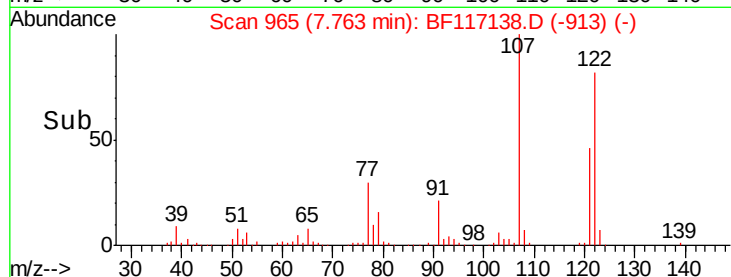
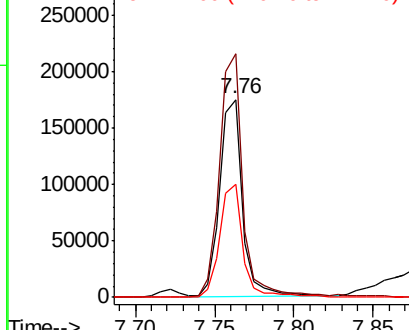


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.219 ng

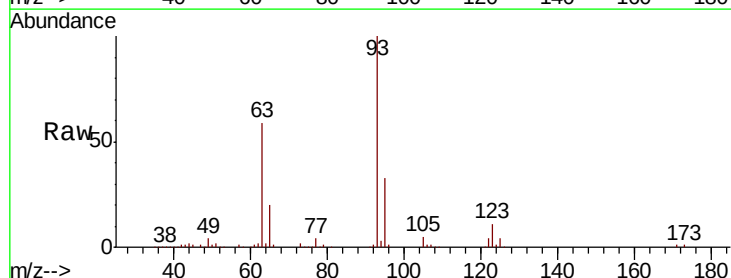
RT: 7.85 min Scan# 980

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Tgt Ion:	93	Resp:	245204
Ion Ratio	Lower	Upper	
93	100		
95	33.1	26.2	39.4
123	11.5	9.0	13.6

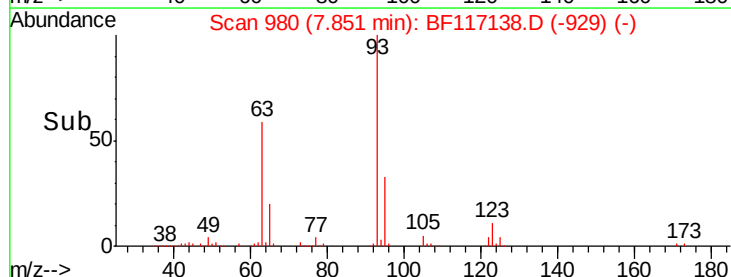
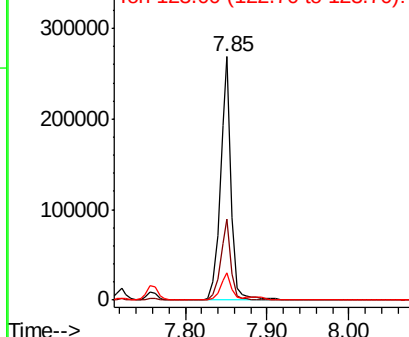


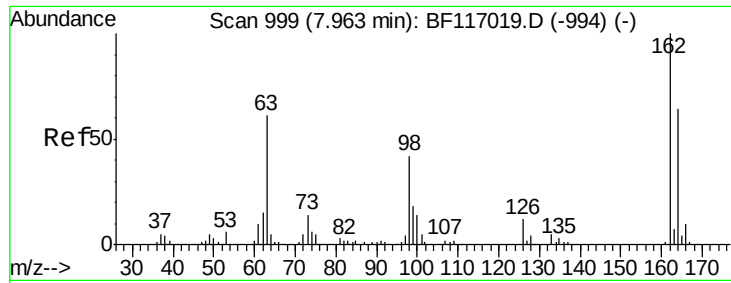
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





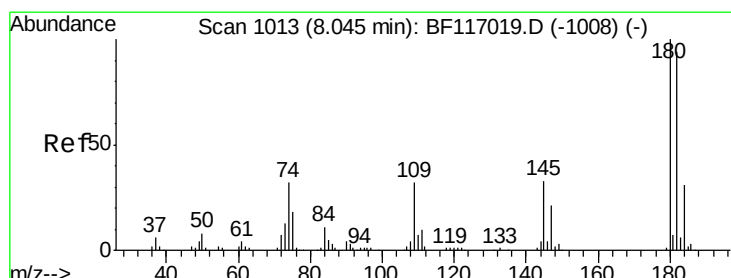
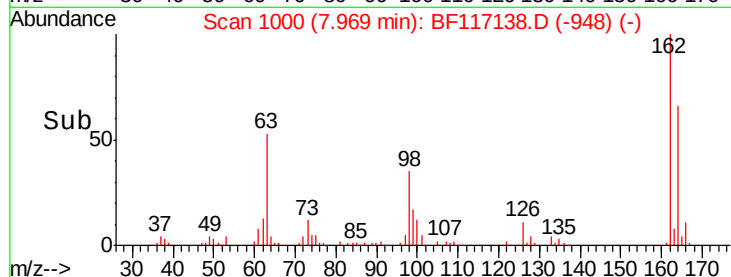
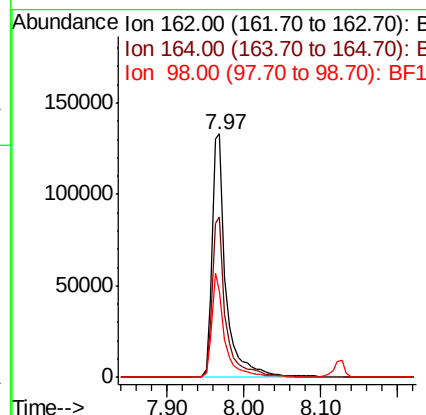
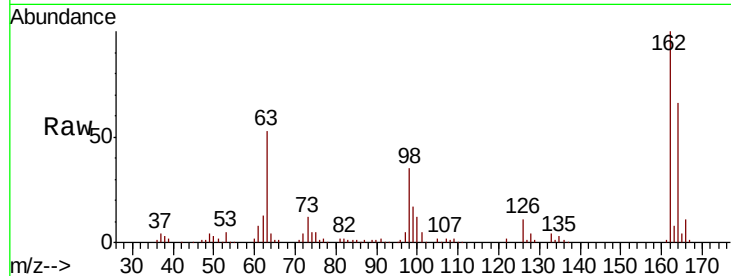
#29
2,4-Dichlorophenol
Concen: 41.071 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.0	43.8	83.8
98	35.3	22.1	62.1

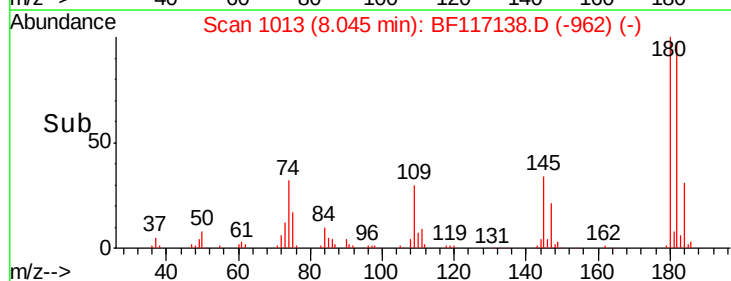
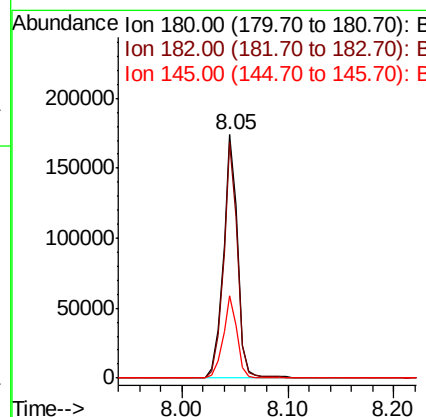
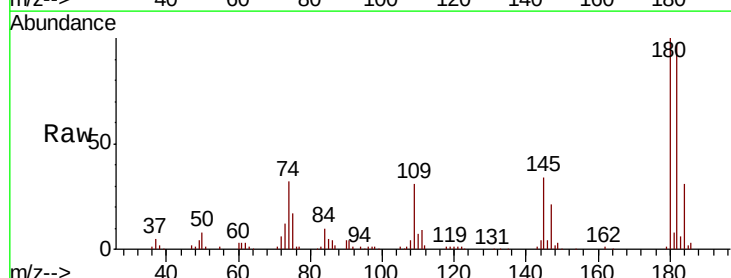
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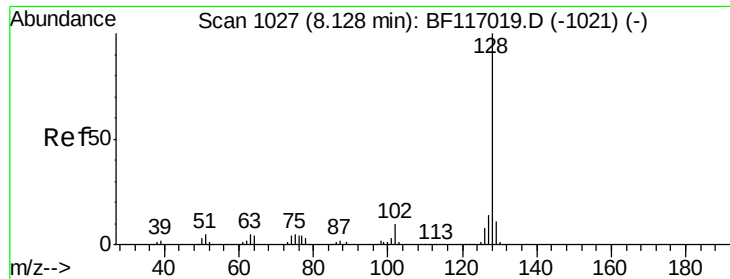
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#30
1,2,4-Trichlorobenzene
Concen: 38.303 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	97.1	75.4	113.0
145	33.6	26.7	40.1





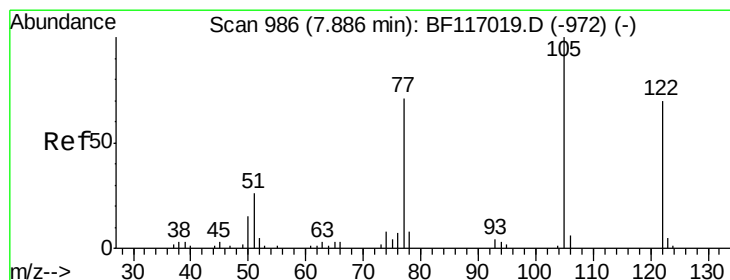
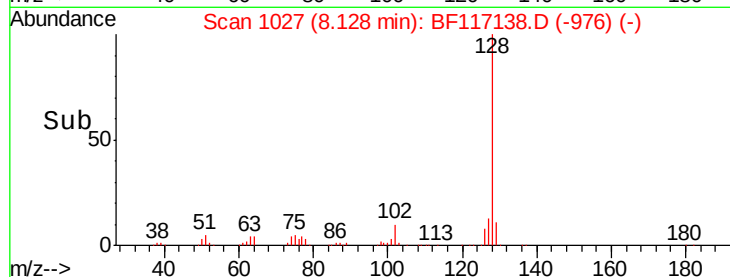
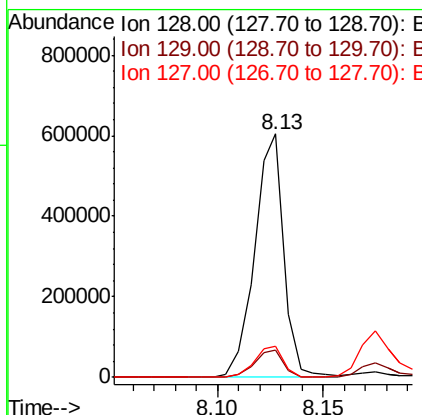
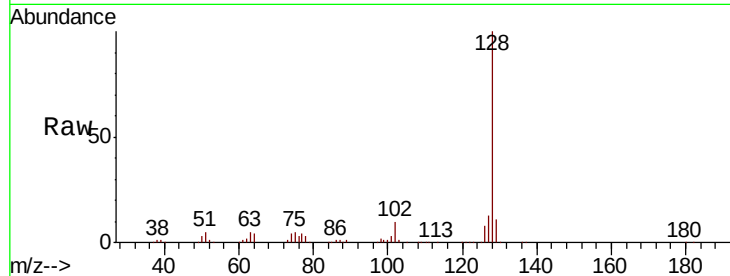
#31
Naphthalene
Concen: 40.011 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	13.0	10.8	16.2

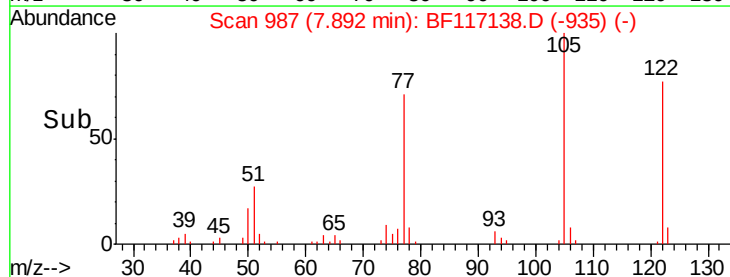
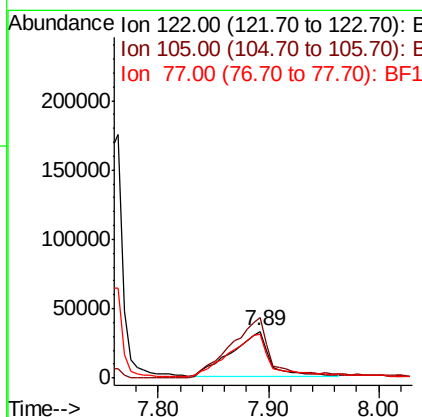
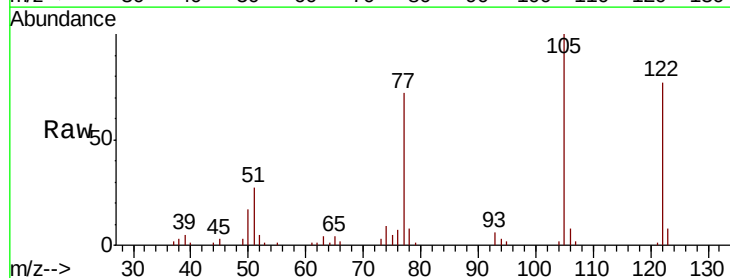
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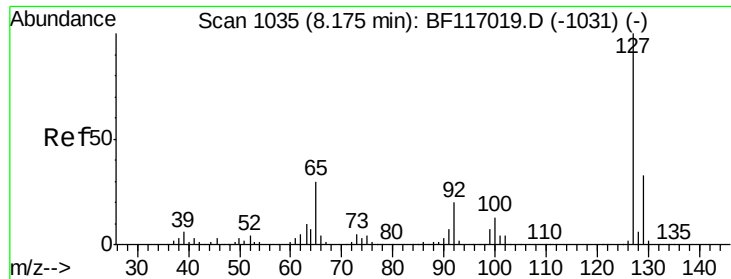
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#32
Benzoic acid
Concen: 30.270 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
122	100		
105	129.6	114.8	154.8
77	93.8	78.7	118.7





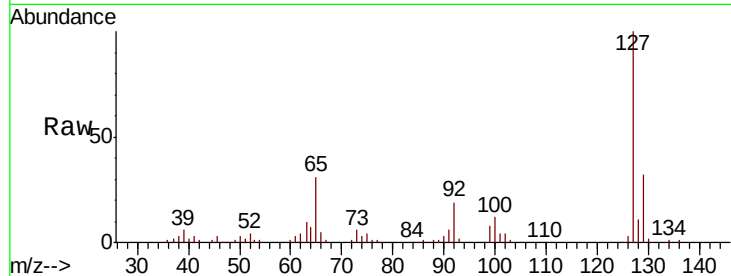
#33
4-Chloroaniline
Concen: 22.478 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

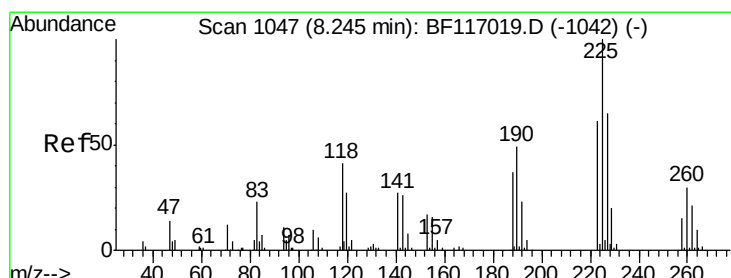
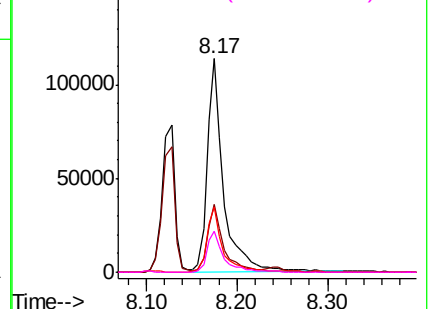
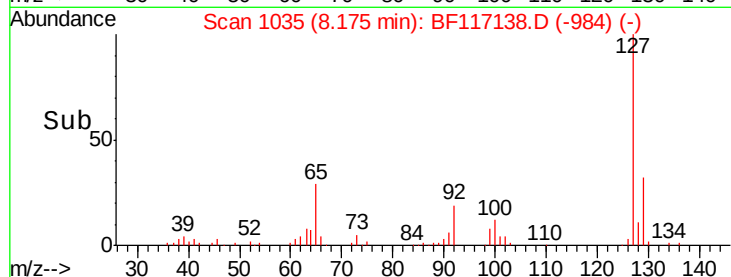
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.7	26.2	39.2
65	30.8	23.5	35.3
92	19.1	15.9	23.9

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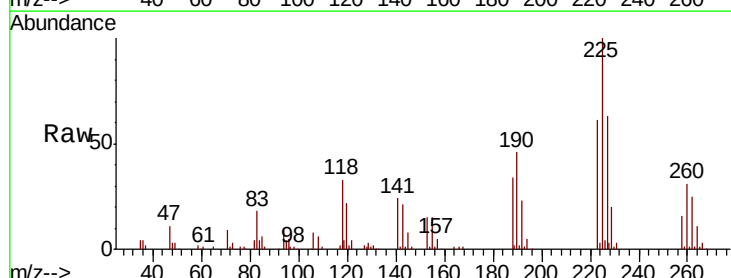


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

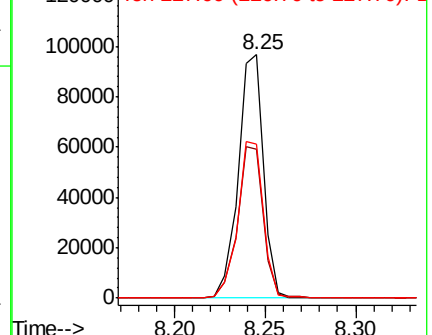
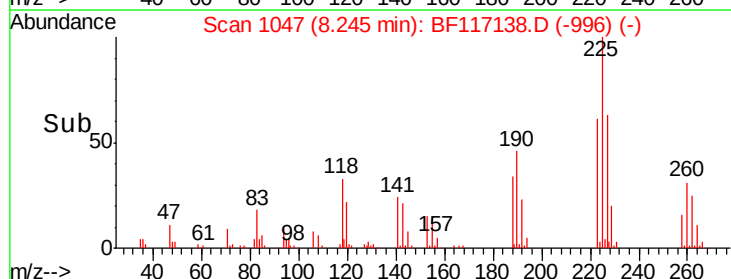


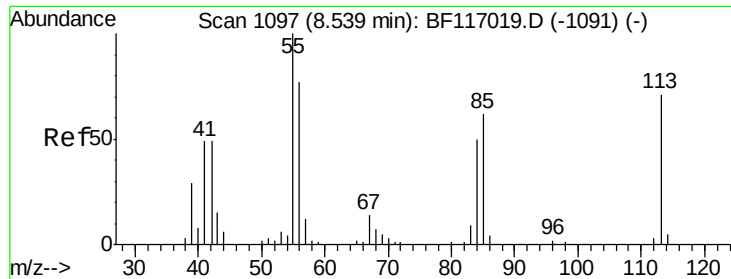
#34
Hexachlorobutadiene
Concen: 37.902 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.4	49.1	73.7
227	63.4	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





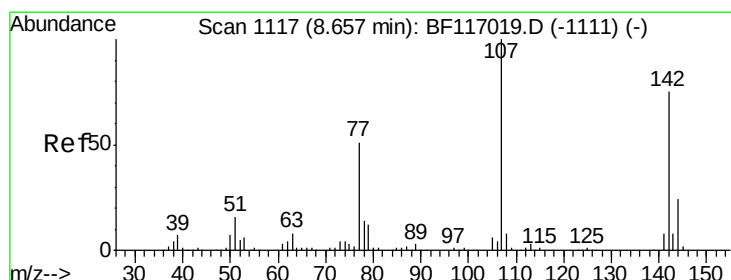
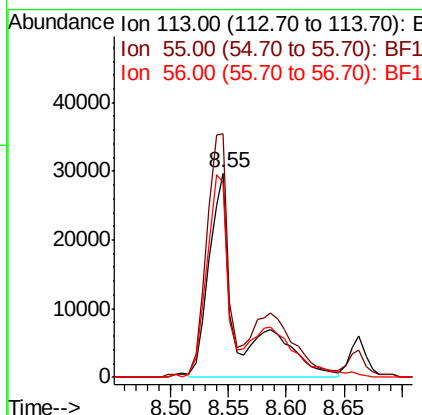
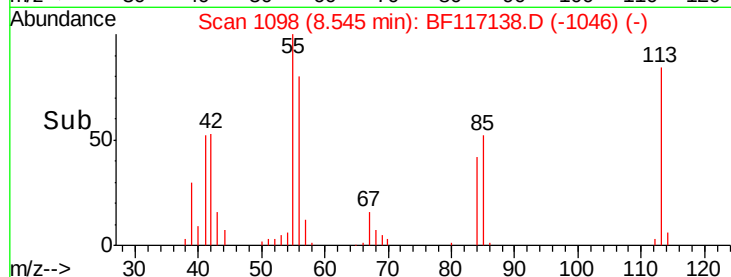
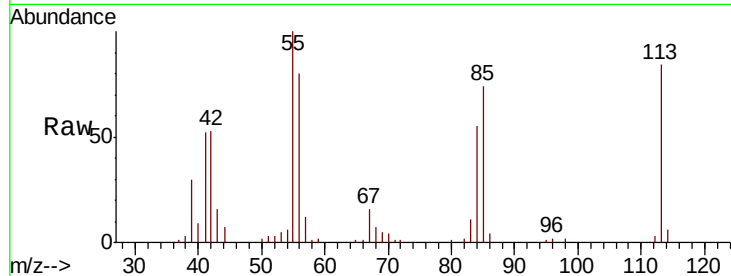
#35
Caprolactam
Concen: 38.289 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	119.3	120.6	160.6#
56	95.4	88.8	128.8

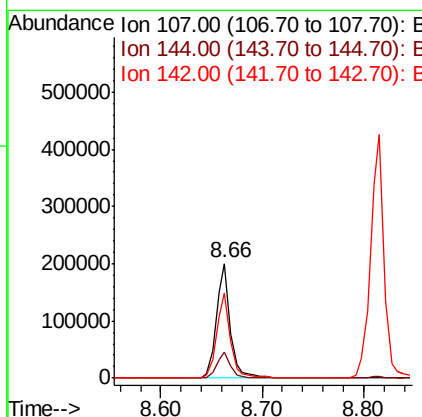
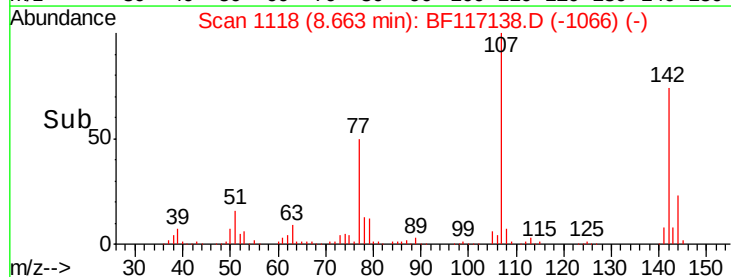
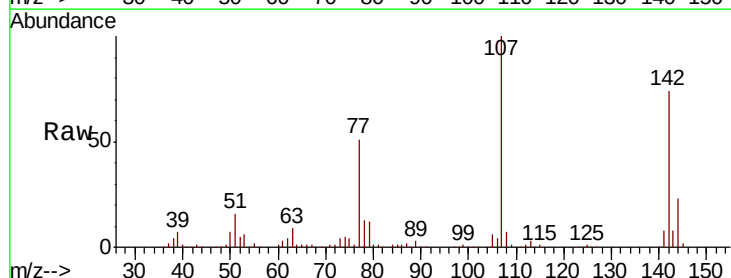
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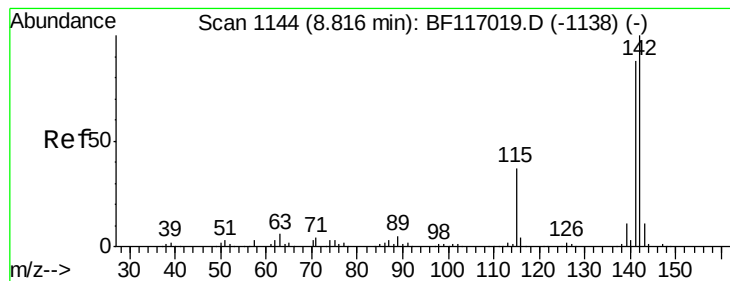
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#36
4-Chloro-3-methylphenol
Concen: 41.051 ng
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.2	28.8
142	73.6	59.6	89.4





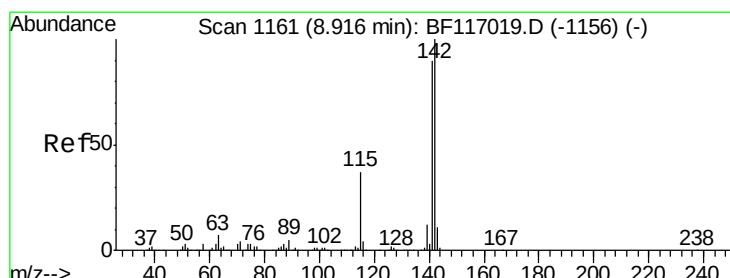
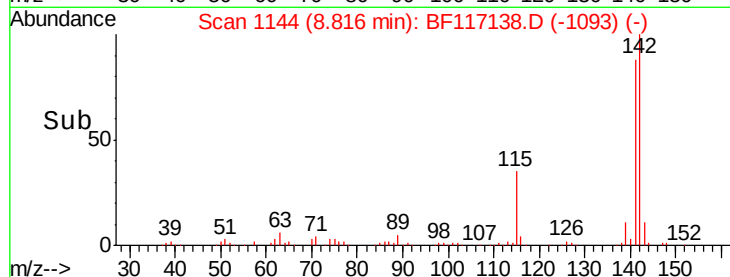
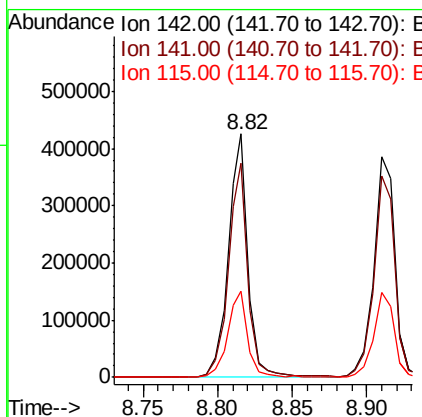
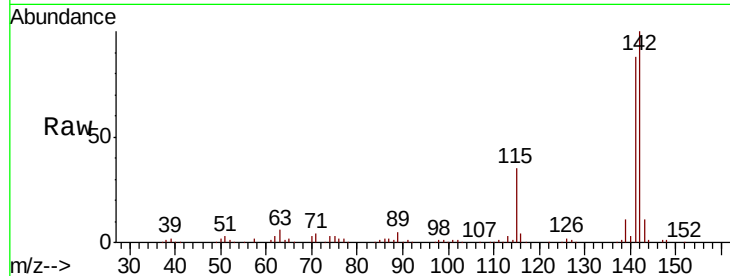
#37
2-Methylnaphthalene
Concen: 40.654 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampled :
PB123115BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.7	106.1
115	35.3	29.4	44.0

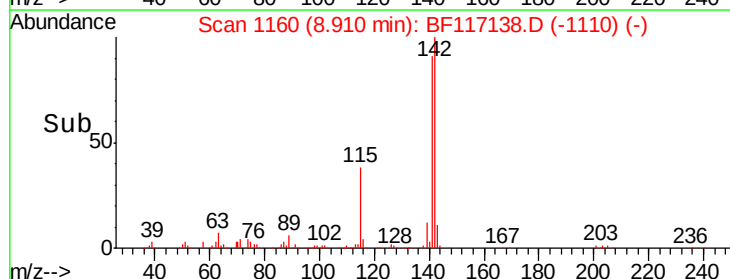
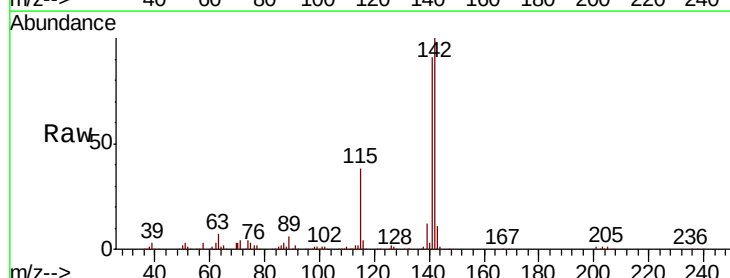
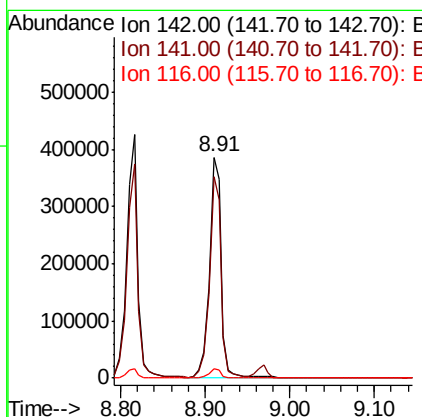
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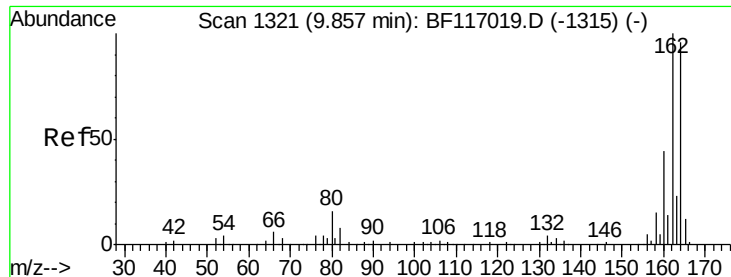
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#38
1-Methylnaphthalene
Concen: 41.729 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9
116	4.2	3.2	4.8





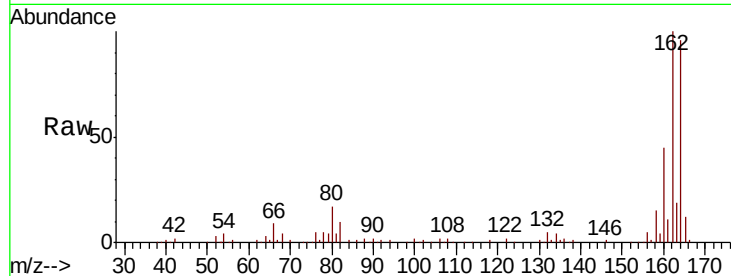
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	103.9	83.4	125.2	
160	46.3	36.4	54.6	

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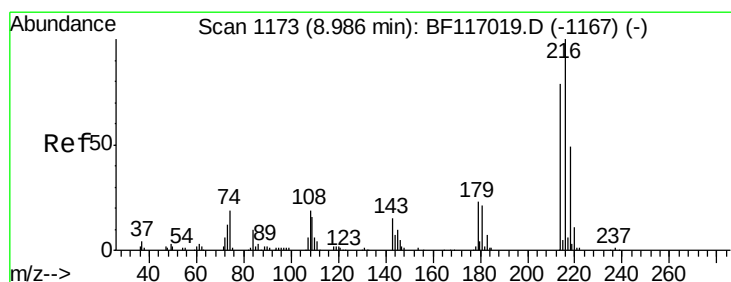
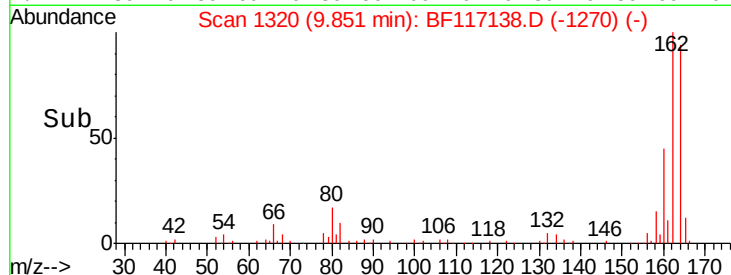
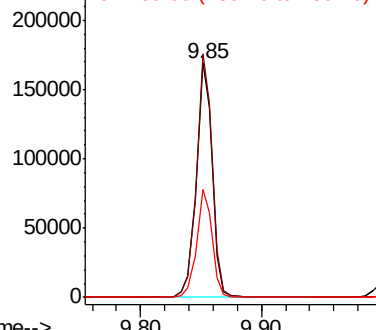


Abundance

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: 39.756 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.7	63.6	95.4	
179	22.6	18.3	27.5	
108	24.2	17.8	26.6	

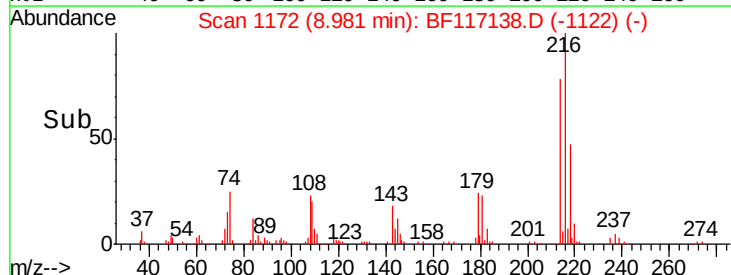
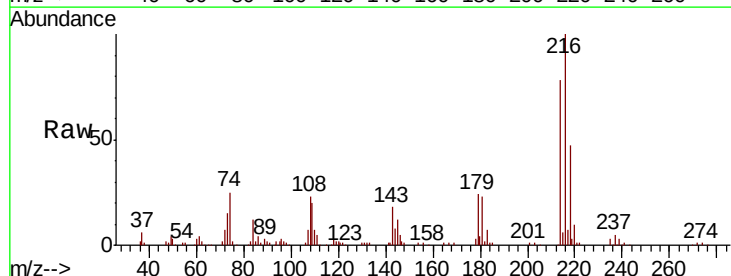
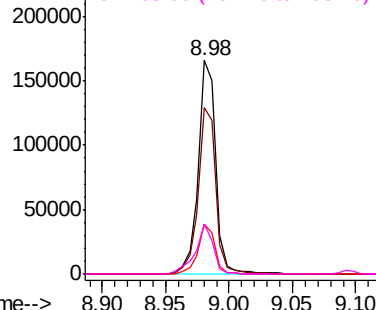
Abundance

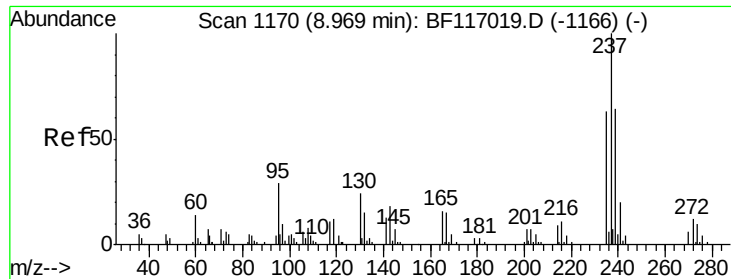
Ion 216.00 (215.70 to 216.70): E

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





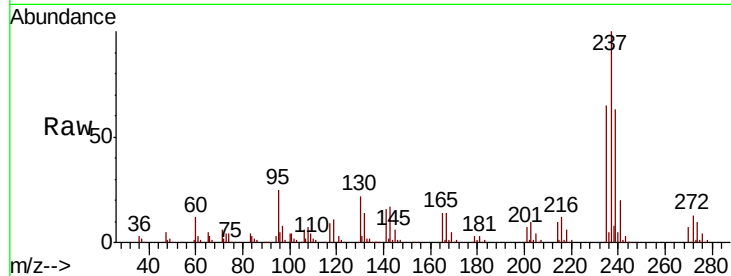
#41
Hexachlorocyclopentadiene
Concen: 75.932 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

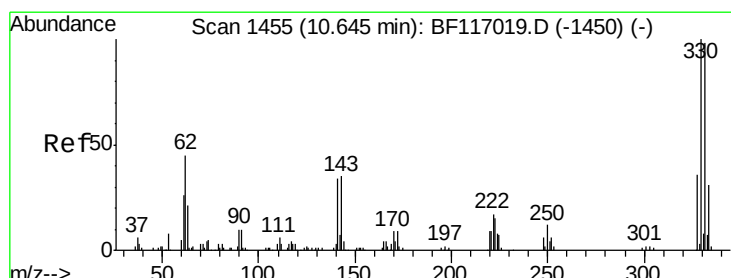
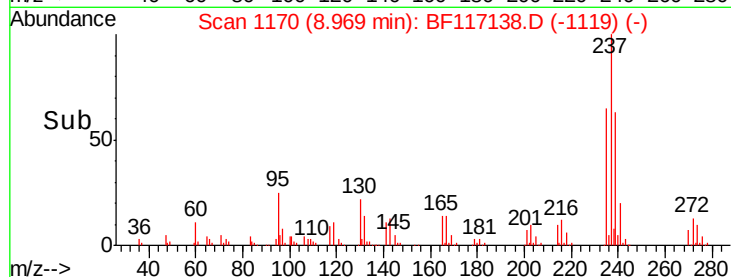
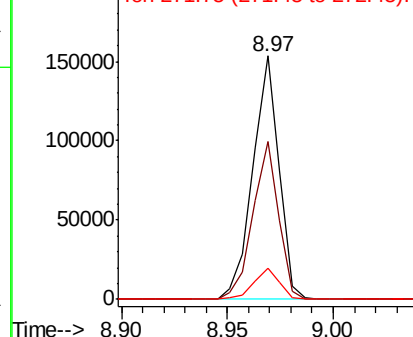
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	64.7	43.2	83.2
272	12.8	0.0	31.9

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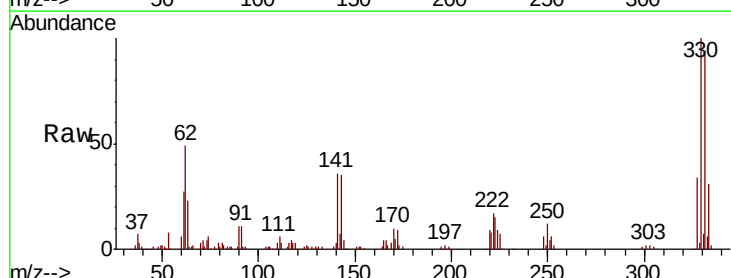


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

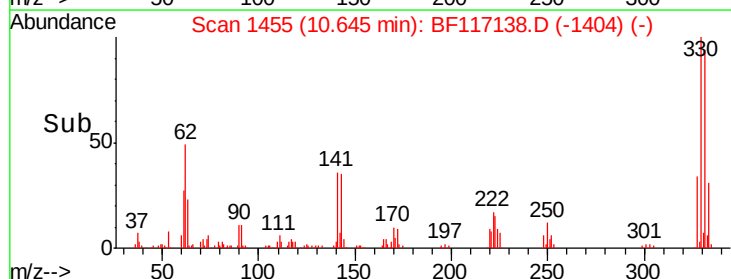
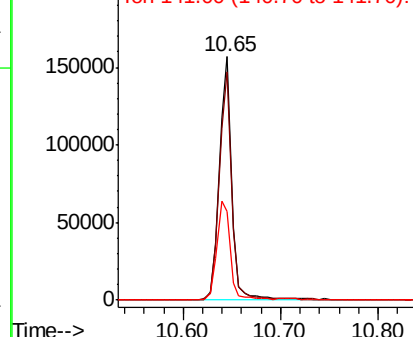


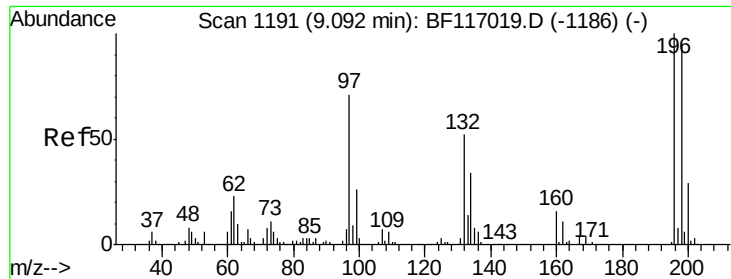
#42
2,4,6-Tribromophenol
Concen: 108.367 ng
RT: 10.65 min Scan# 1455
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	93.3	78.0	117.0
141	43.8	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





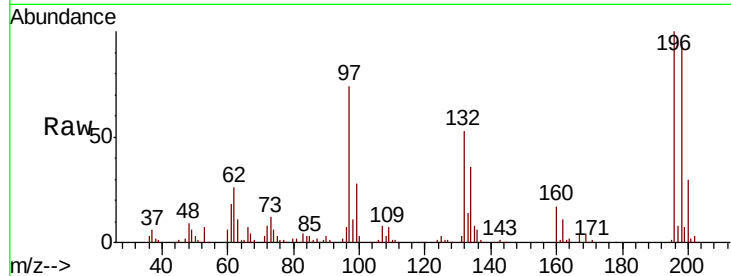
#43
2,4,6-Trichlorophenol
Concen: 39.072 ng
RT: 9.09 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampled :
PB123115BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	105190		
198	93.8	75.7	113.5	
200	29.6	23.3	34.9	

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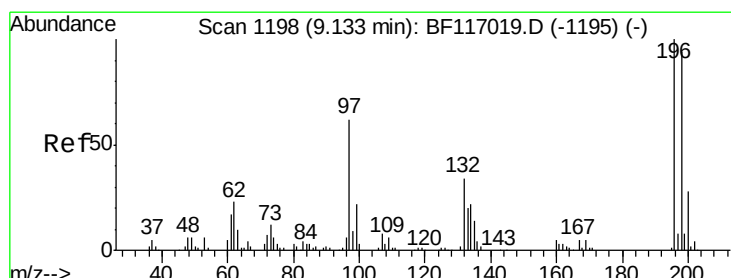
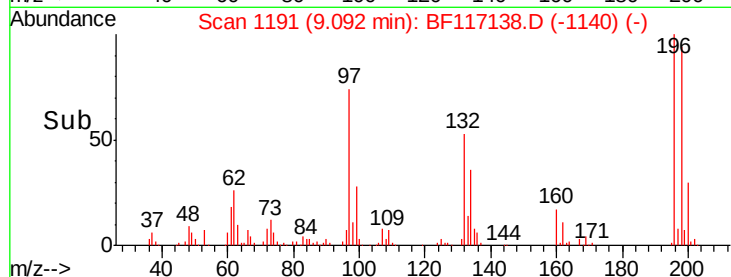
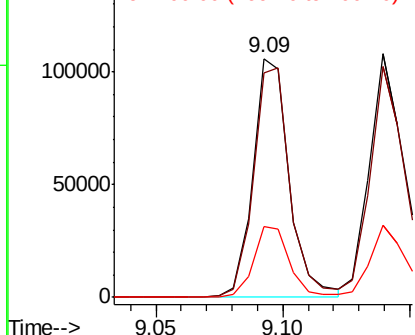


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
2,4,5-Trichlorophenol
Concen: 40.556 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	116655		
198	94.9	74.6	112.0	
97	60.1	49.5	74.3	
132	32.9	27.4	41.2	

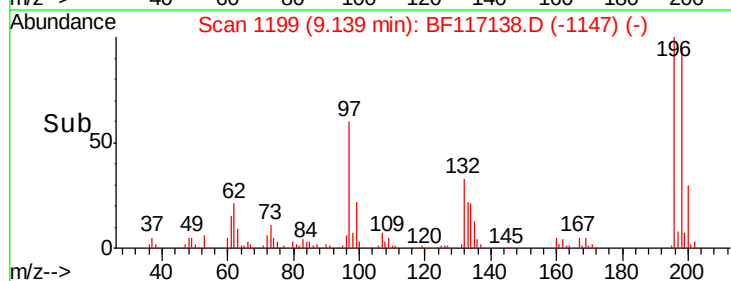
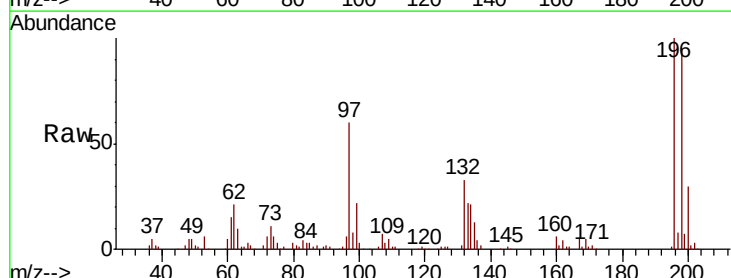
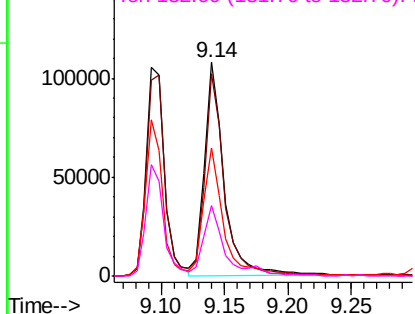
Abundance

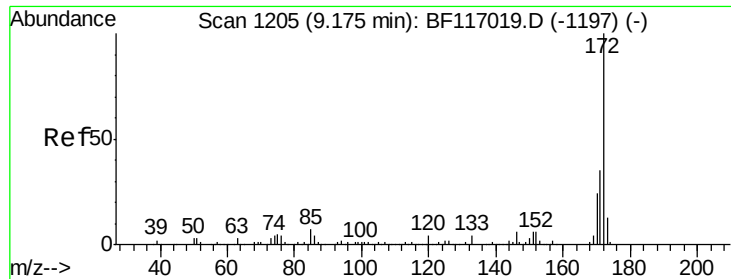
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





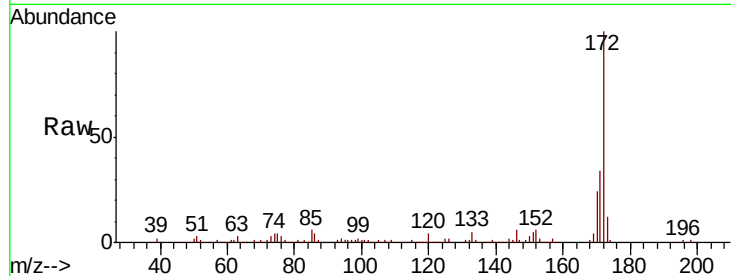
#45
2-Fluorobiphenyl
Concen: 66.582 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.7	28.2	42.2
170	23.5	18.9	28.3

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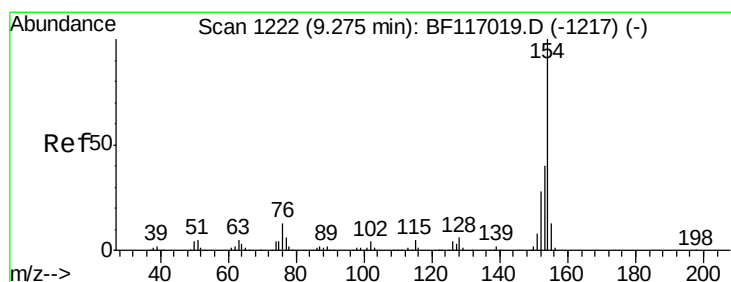
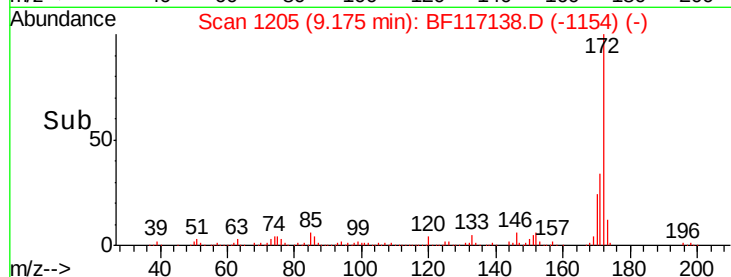
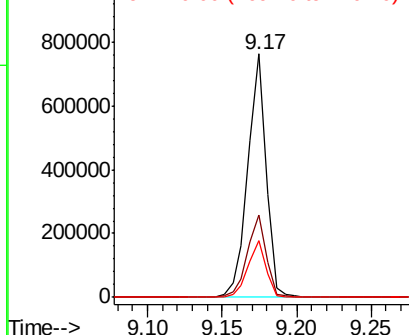


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 39.343 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

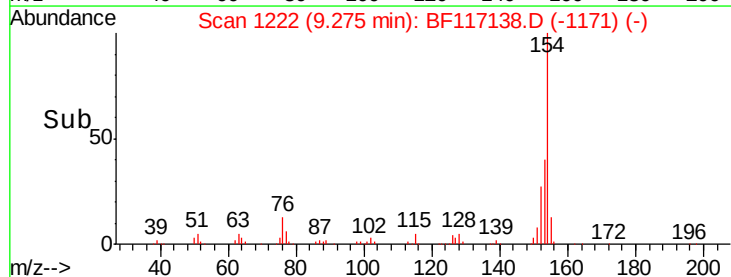
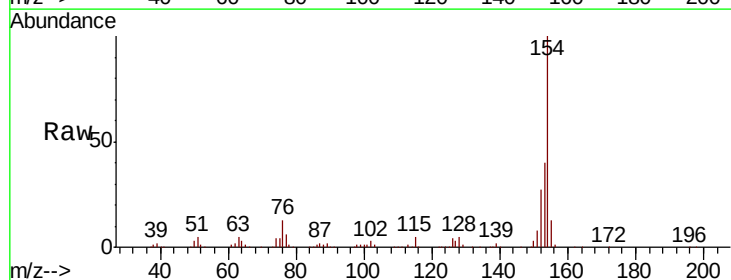
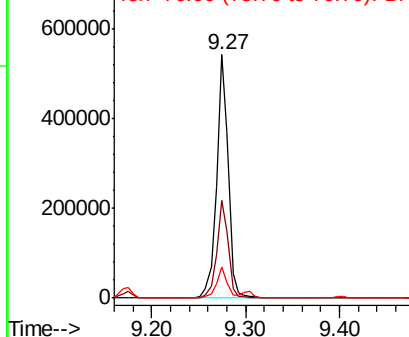
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.0	20.0	60.0
76	12.7	0.0	32.7

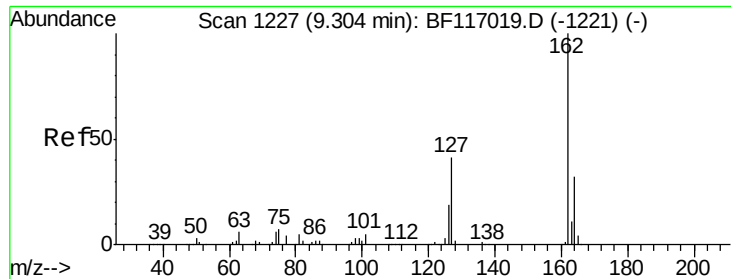
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 39.004 ng

RT: 9.30 min Scan# 1227

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

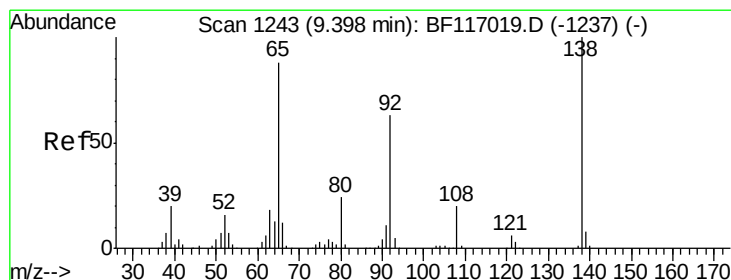
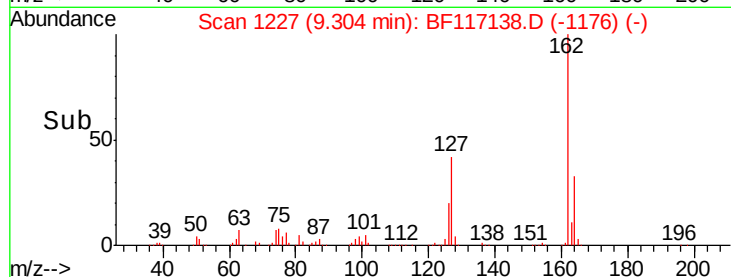
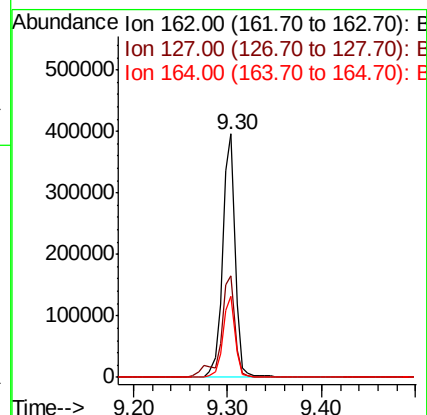
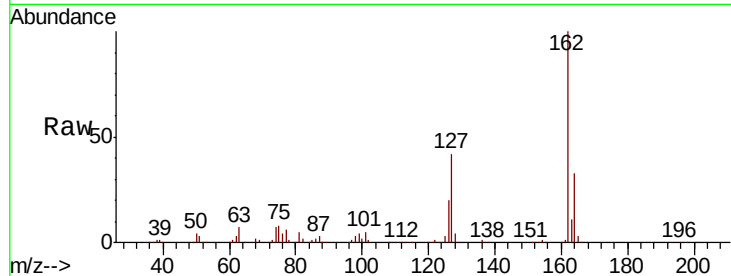
ClientSampled :

PB123115BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		370955		
127	41.8	34.1	51.1		
164	33.0	25.9	38.9		

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#48

2-Nitroaniline

Concen: 38.925 ng

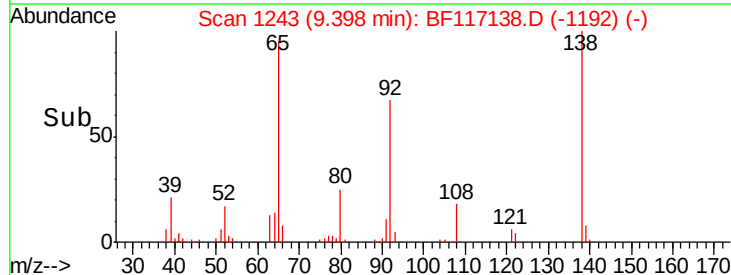
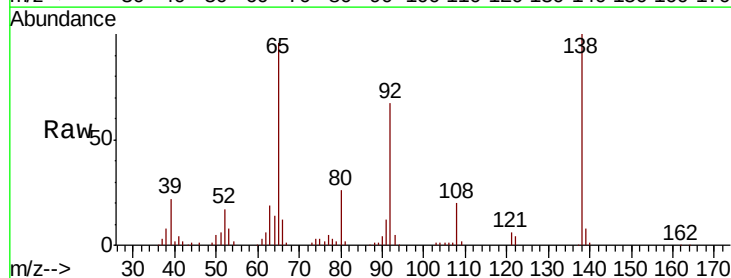
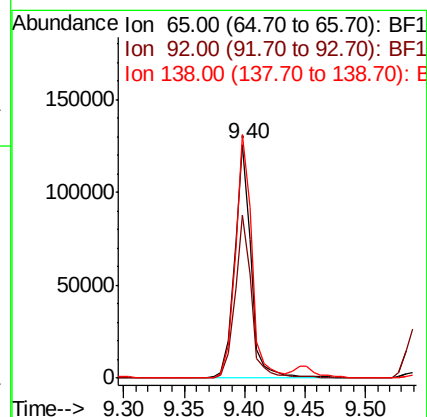
RT: 9.40 min Scan# 1243

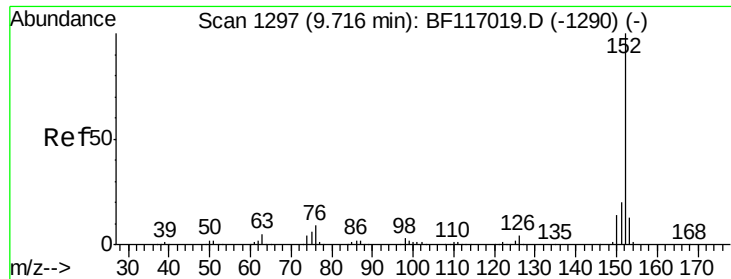
Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		118743		
92	69.9	57.5	86.3		
138	104.1	90.6	136.0		





#49

Acenaphthylene

Concen: 40.762 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

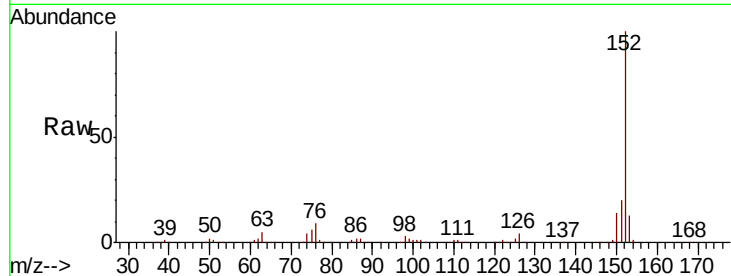
ClientSampleId :

PB123115BS

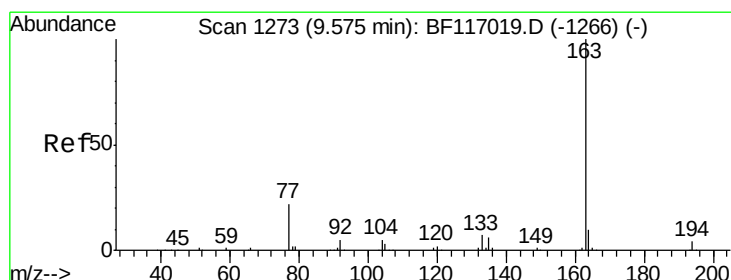
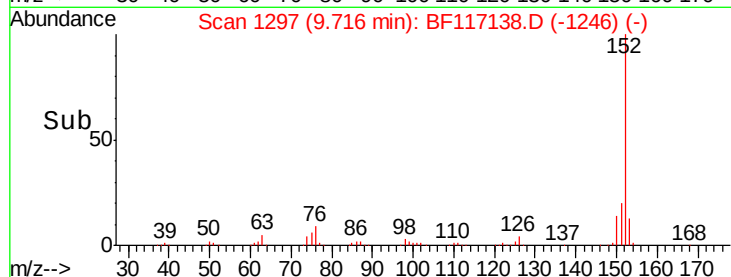
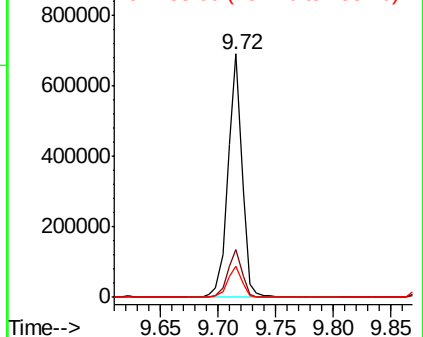
Tot Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.2	24.2
153	13.0	10.2	15.4

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



#50

Dimethylphthalate

Concen: 39.085 ng

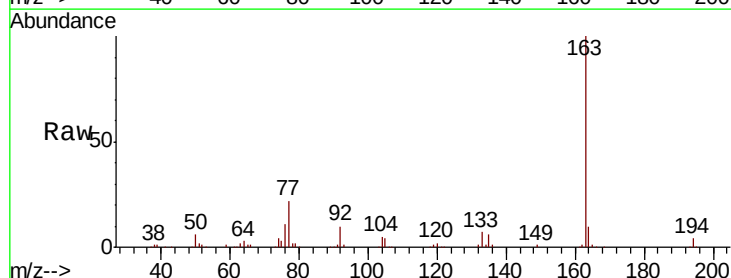
RT: 9.57 min Scan# 1273

Delta R.T. 0.00 min

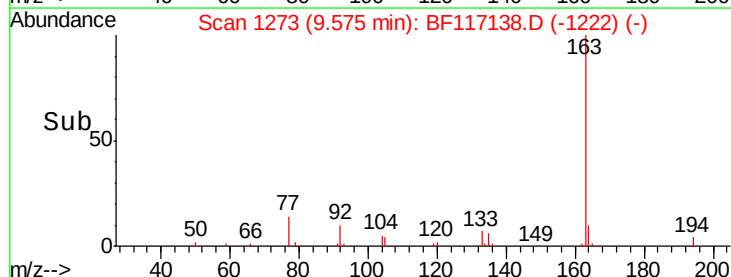
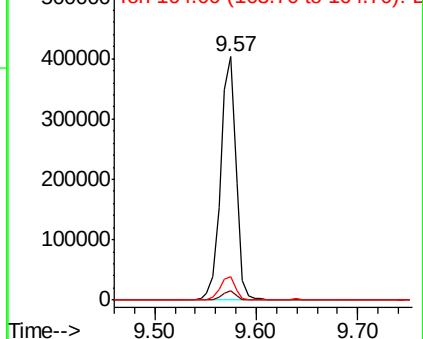
Lab File: BF117138.D

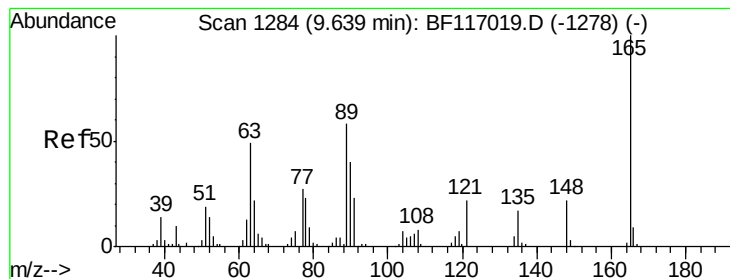
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.9	4.3
164	9.8	8.2	12.4



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





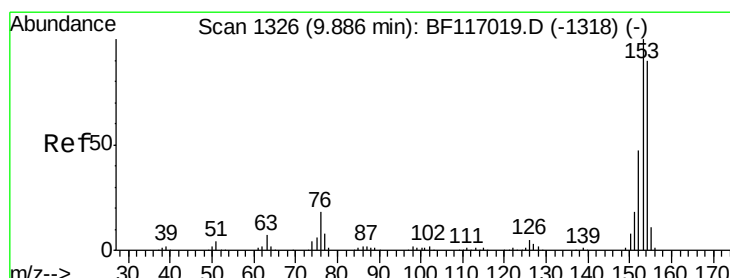
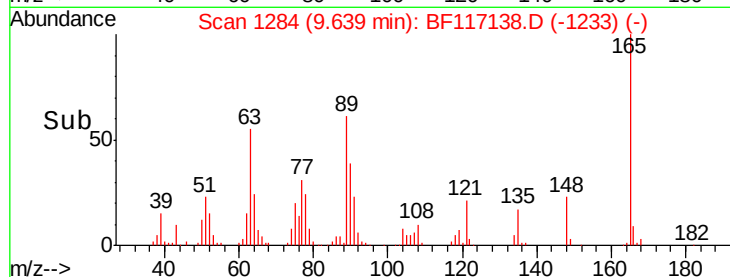
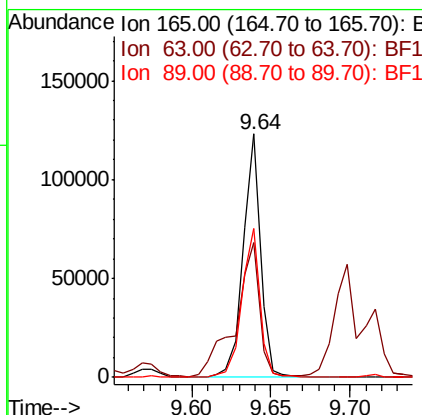
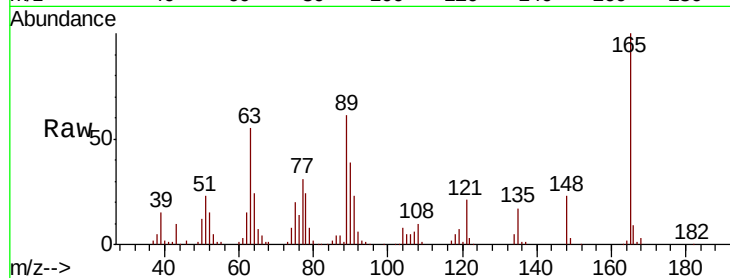
#51
 2,6-Dinitrotoluene
 Concen: 42.321 ng
 RT: 9.64 min Scan# 1284
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB123115BS

Tot Ion:	165	Resp:	93760
Ion Ratio	Lower	Upper	
165	100		
63	55.3	41.8	62.8
89	61.0	46.5	69.7

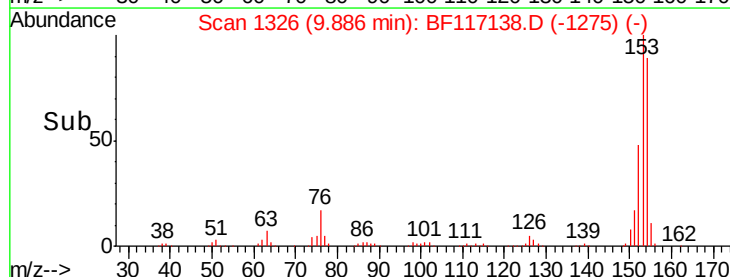
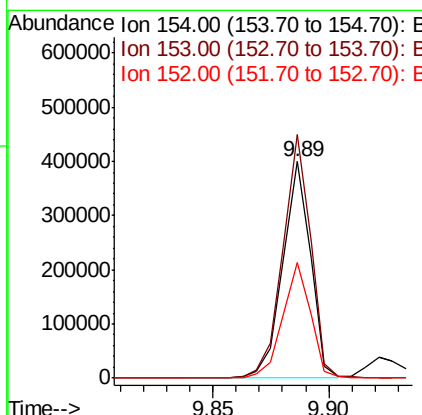
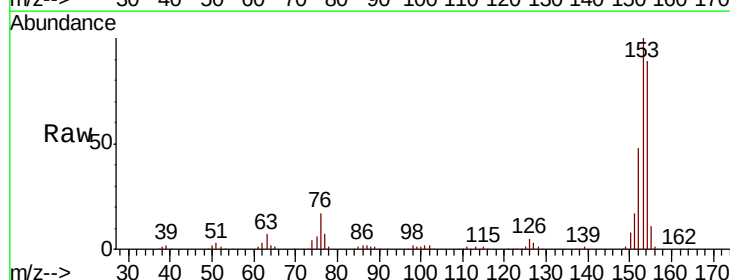
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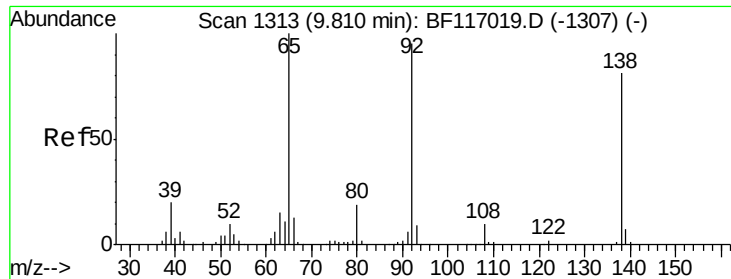
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#52
 Acenaphthene
 Concen: 39.190 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion:	154	Resp:	330987
Ion Ratio	Lower	Upper	
154	100		
153	112.6	89.0	133.6
152	53.5	41.9	62.9





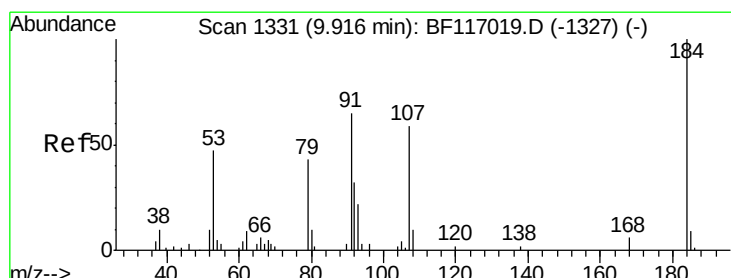
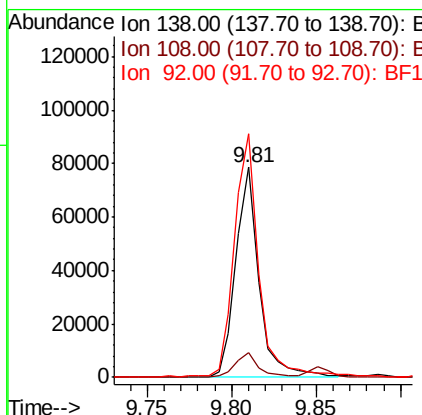
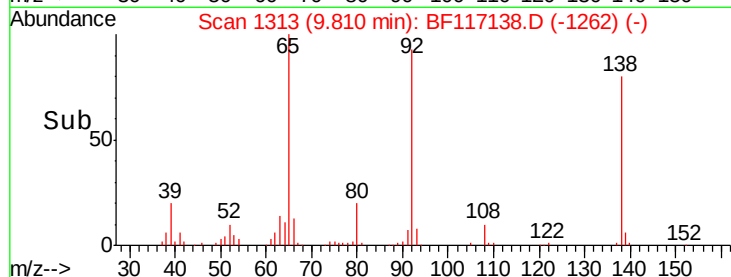
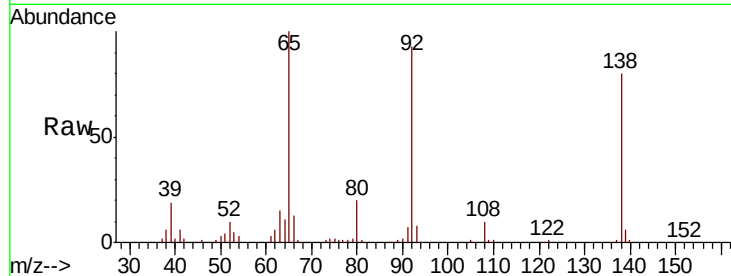
#53
3-Nitroaniline
Concen: 27.018 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.0	9.5	14.3
92	116.0	94.1	141.1

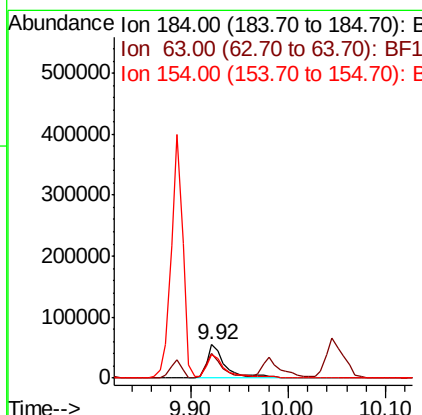
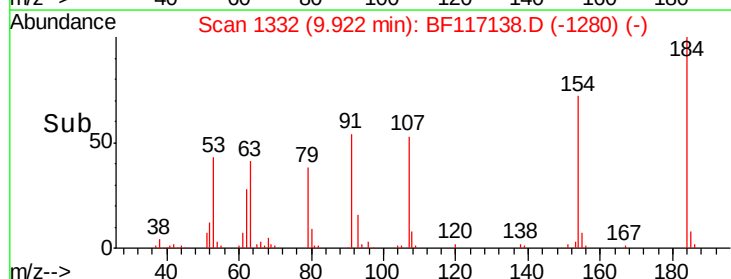
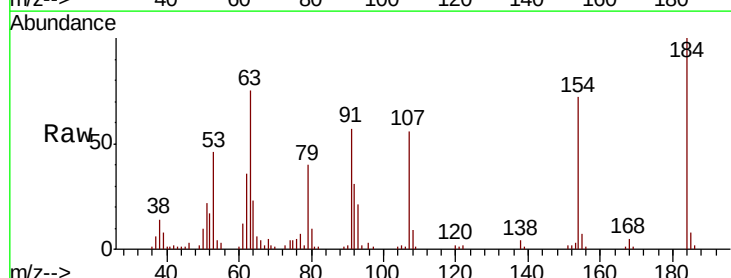
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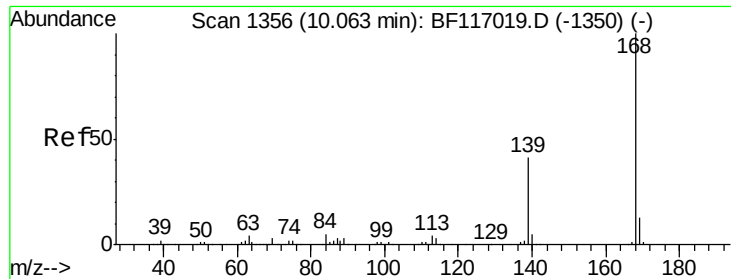
Jagrut
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#54
2,4-Dinitrophenol
Concen: 75.608 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
184	100		
63	74.8	63.8	95.6
154	72.4	60.4	90.6





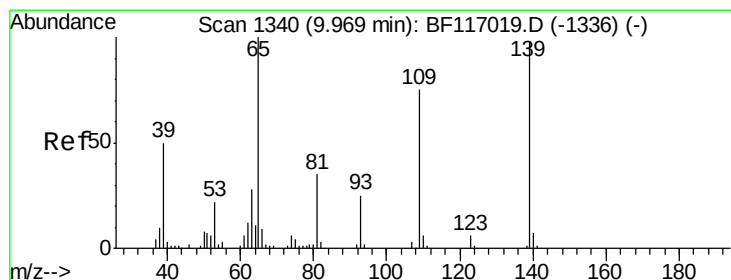
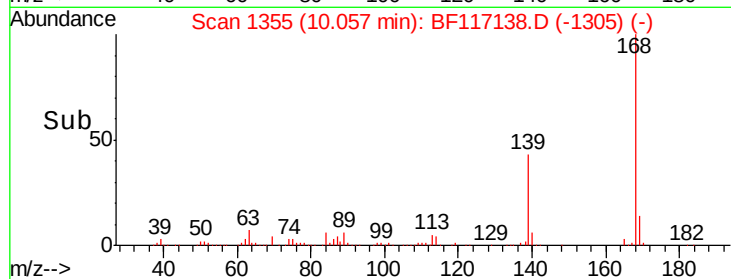
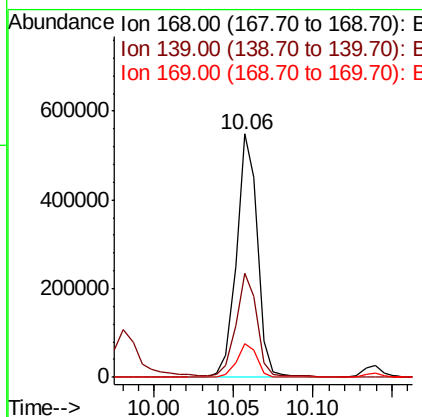
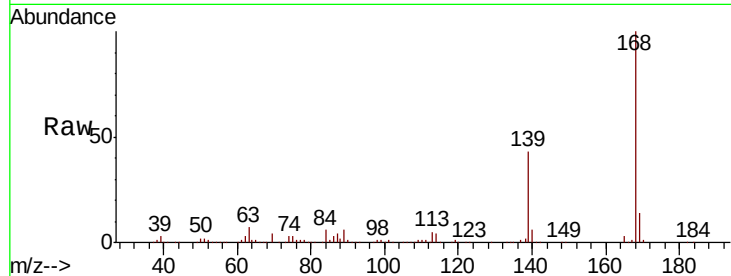
#55
Dibenzenofuran
Concen: 40.377 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	42.7	32.8	49.2
169	14.1	10.5	15.7

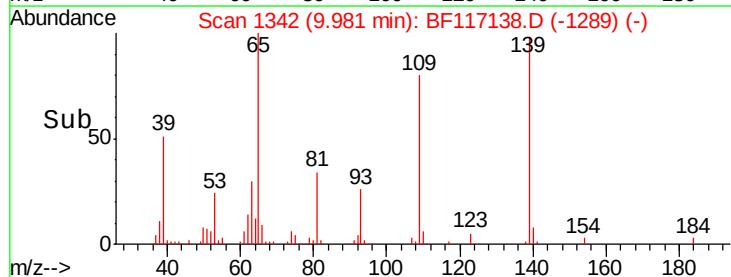
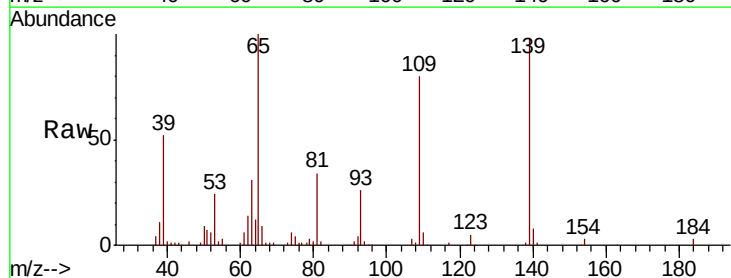
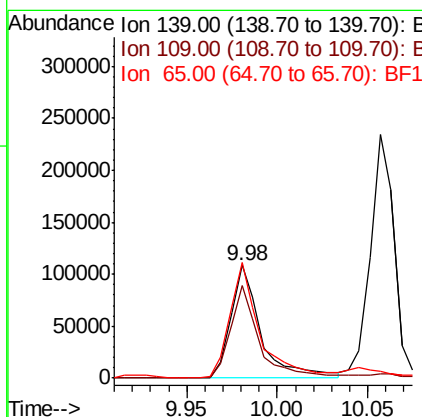
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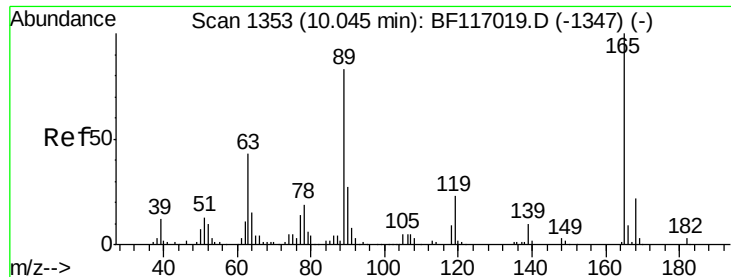
Jagrut
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#56
4-Nitrophenol
Concen: 69.783 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	81.6	56.4	96.4
65	102.1	82.5	122.5





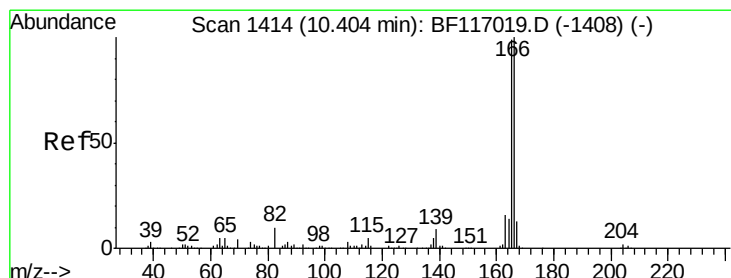
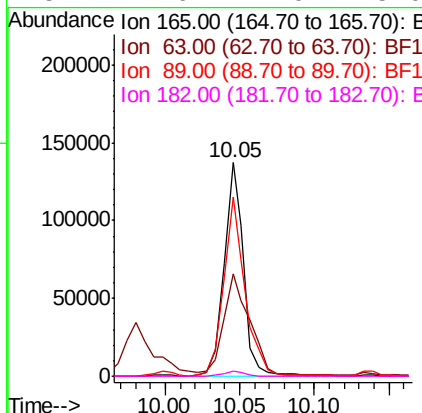
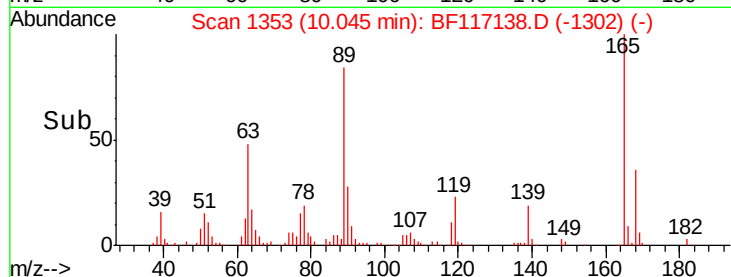
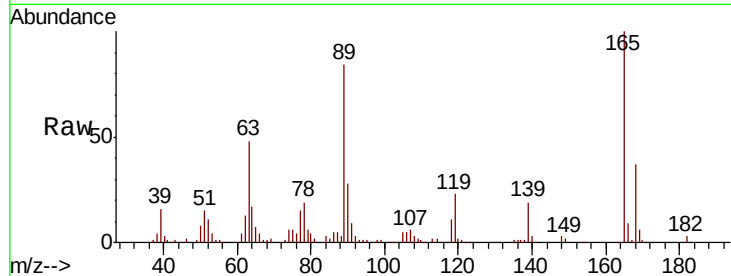
#57
2,4-Dinitrotoluene
Concen: 43.978 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		126470		
63	48.2		35.0	52.4	
89	84.0		66.1	99.1	
182	2.6		2.0	3.0	

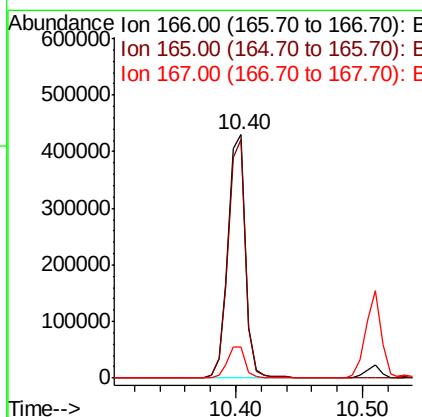
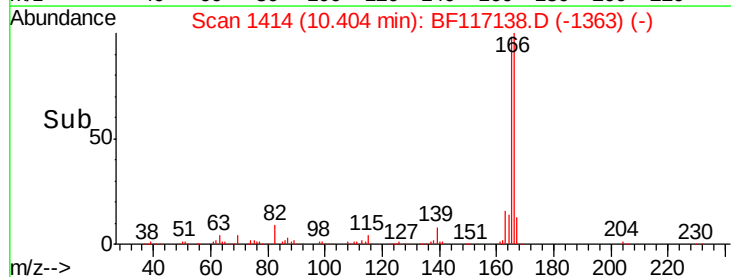
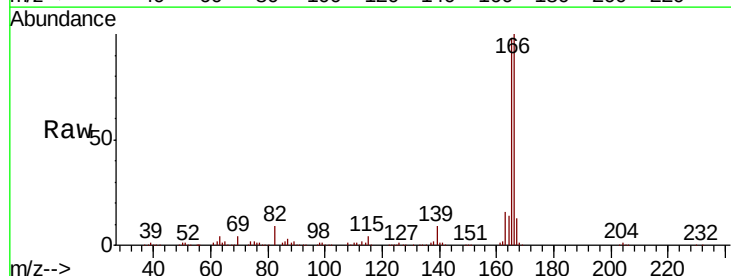
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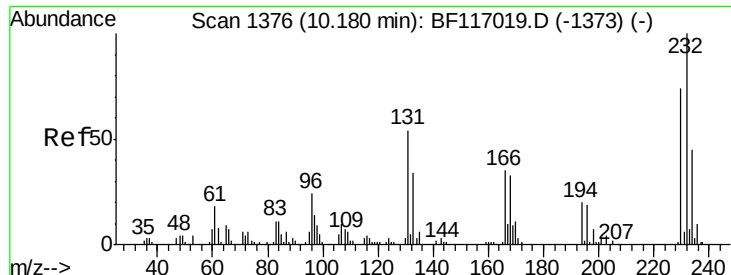
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#58
Fluorene
Concen: 41.020 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		411746		
165	98.2		78.9	118.3	
167	12.8		10.6	15.8	





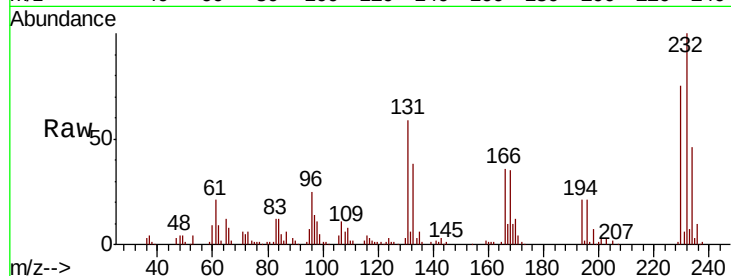
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.489 ng m
RT: 10.18 min Scan# 1376
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	44.6	45.3	67.9#
130	1.9	1.8	2.8
166	27.4	29.4	44.2#

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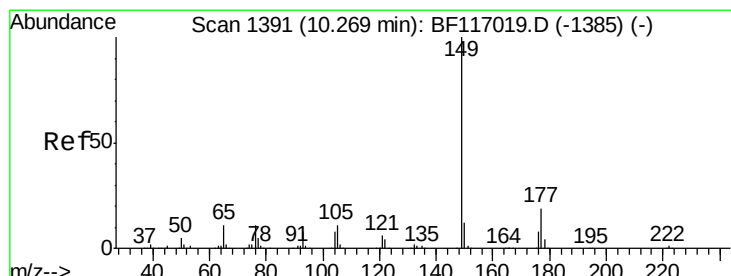
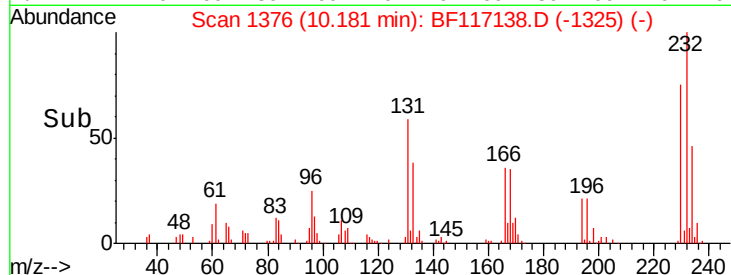
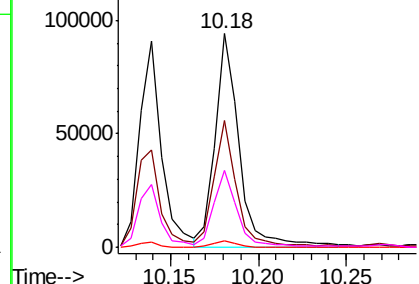
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

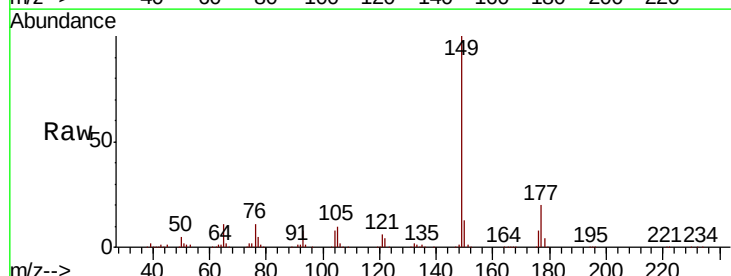
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.876 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	20.2	15.2	22.8
150	12.9	9.9	14.9

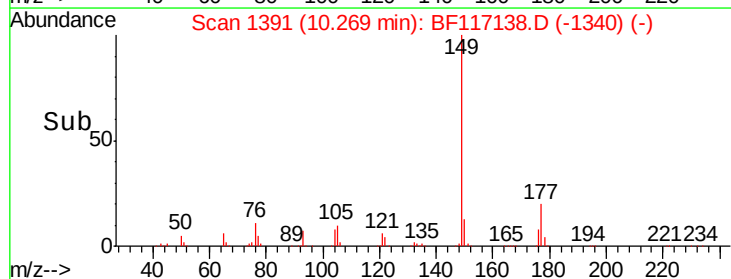
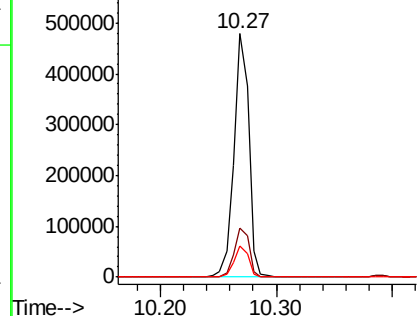


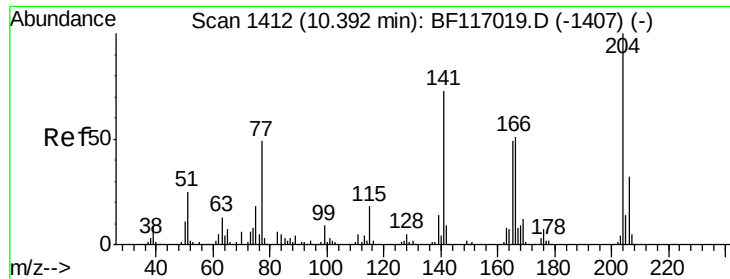
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





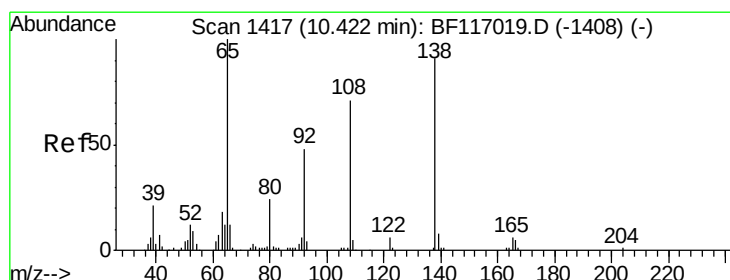
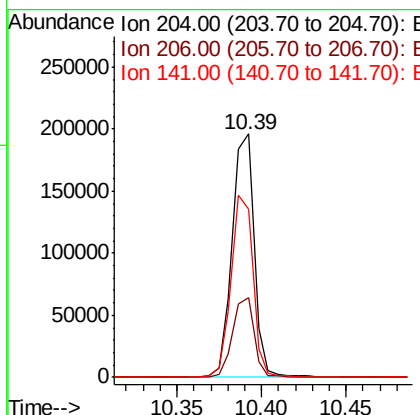
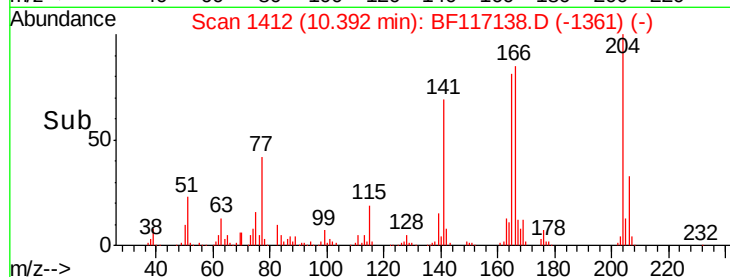
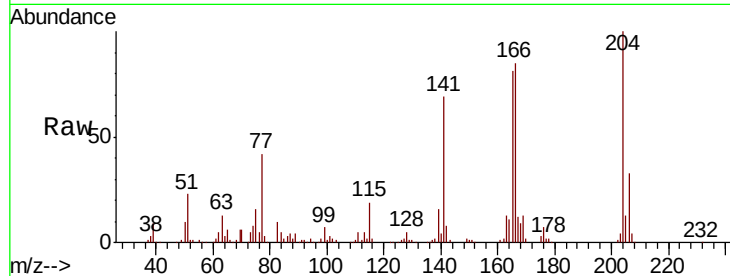
#61
4-Chlorophenyl-phenylether
Concen: 40.926 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampled :
PB123115BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.0	39.0
141	68.8	58.2	87.2

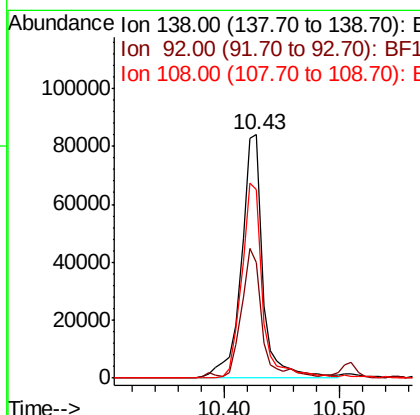
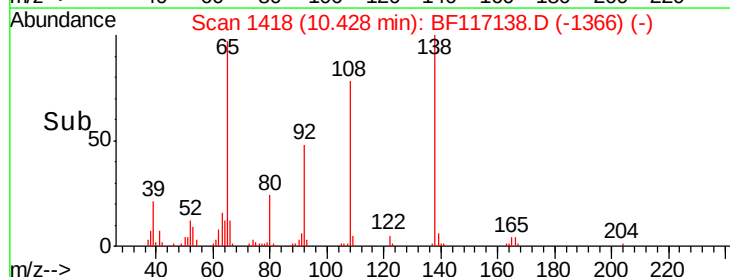
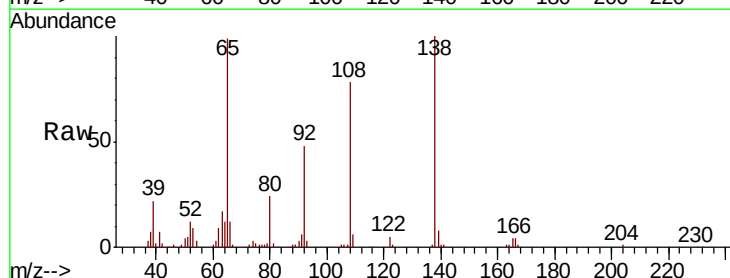
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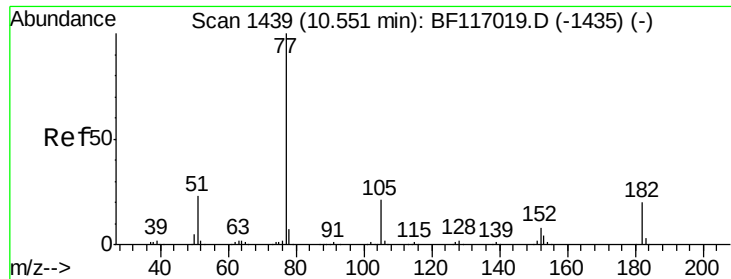
Jagrut
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#62
4-Nitroaniline
Concen: 37.518 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.5	32.9	72.9
108	77.6	58.3	98.3





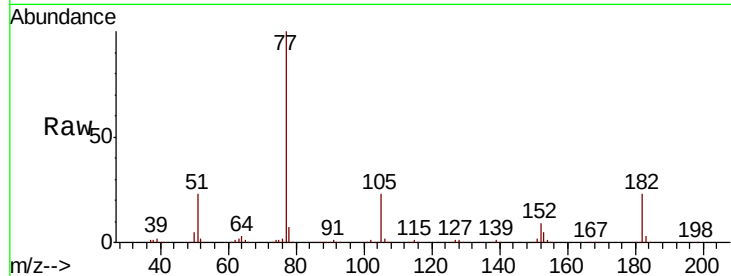
#63
Azobenzene
Concen: 40.307 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

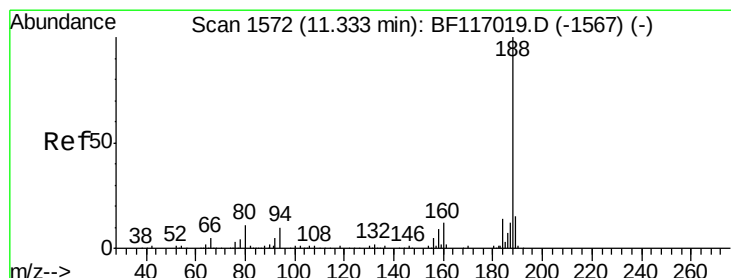
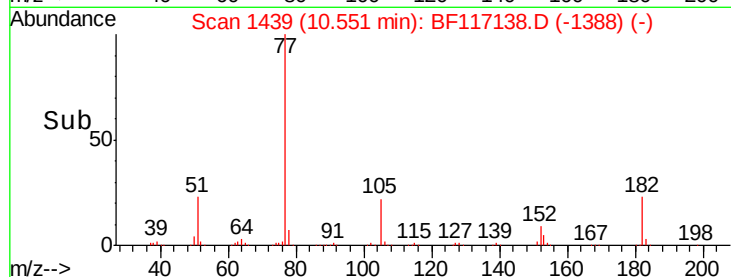
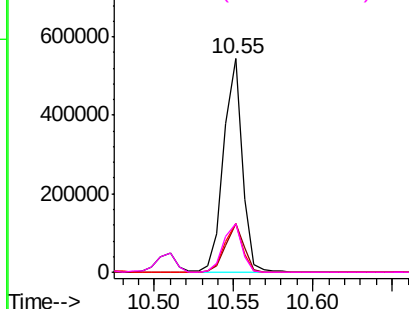
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	23.0	0.4	40.4		
105	22.5	0.9	40.9		
51	22.9	2.8	42.8		

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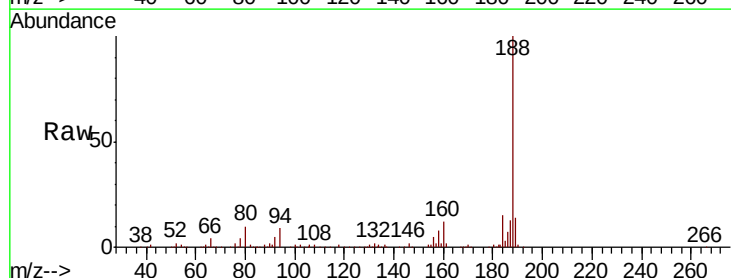


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

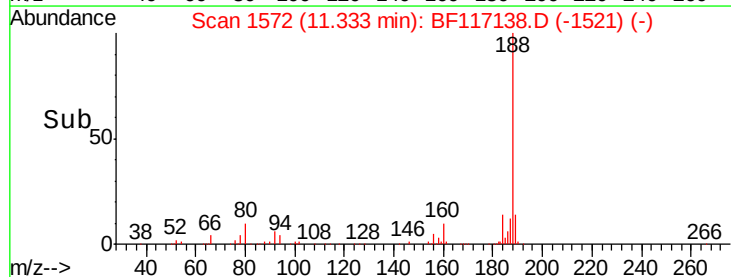
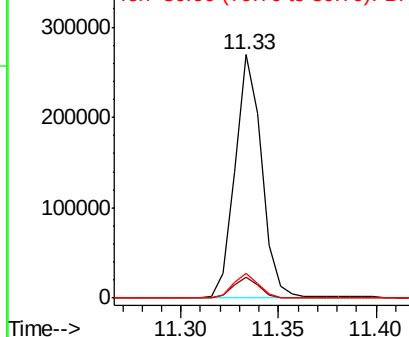


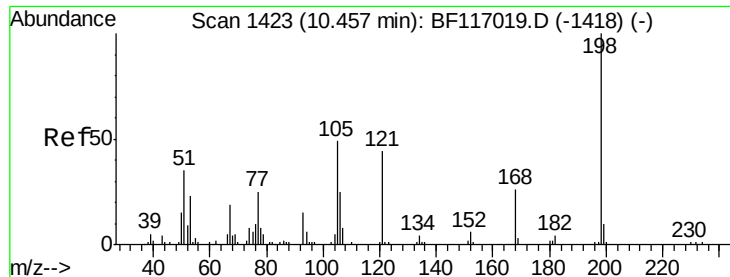
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.8	8.2	12.2		
80	10.3	9.0	13.6		



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





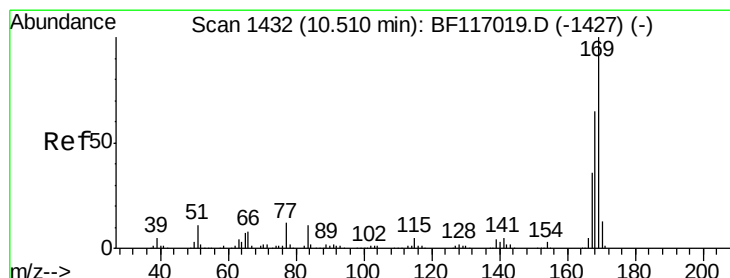
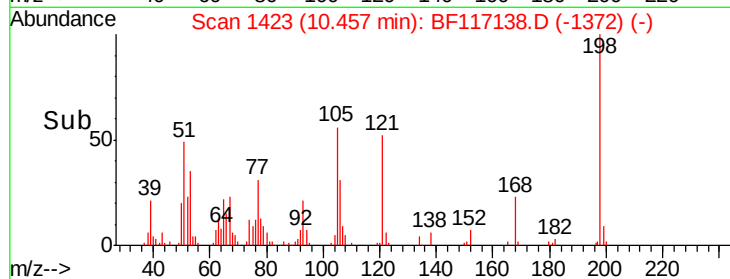
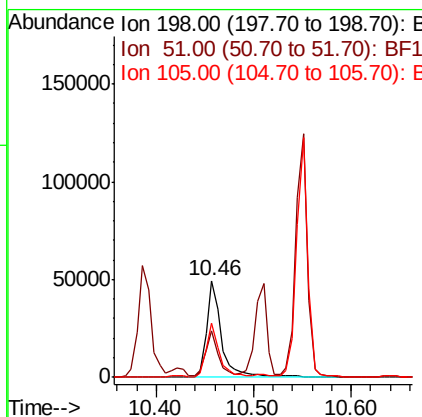
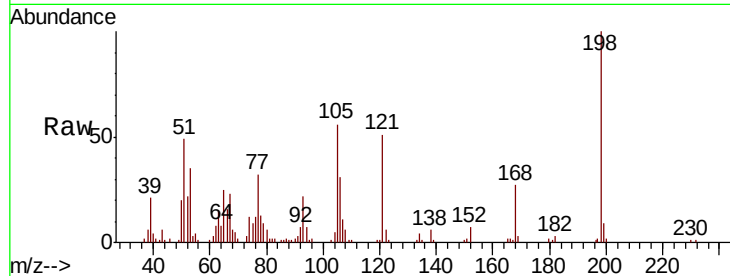
#65
4,6-Dinitro-2-methylphenol
Concen: 45.005 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	48.9	18.7	58.7
105	55.7	30.2	70.2

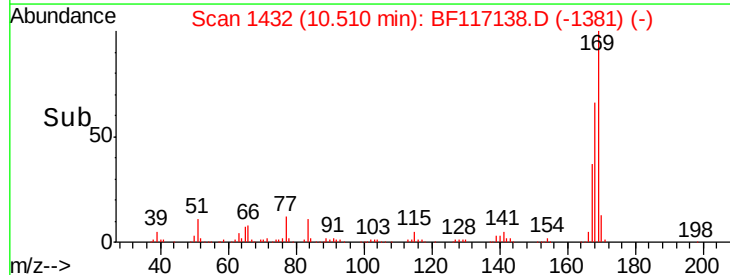
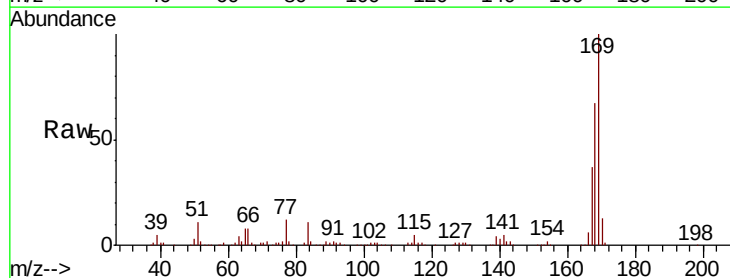
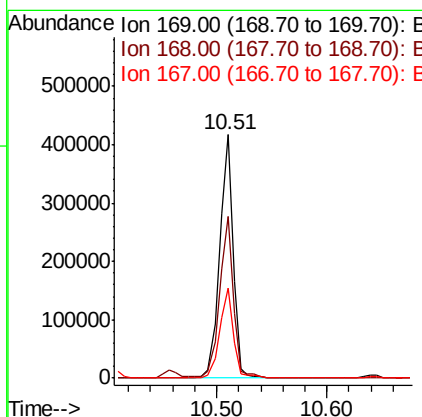
Manual Integrations
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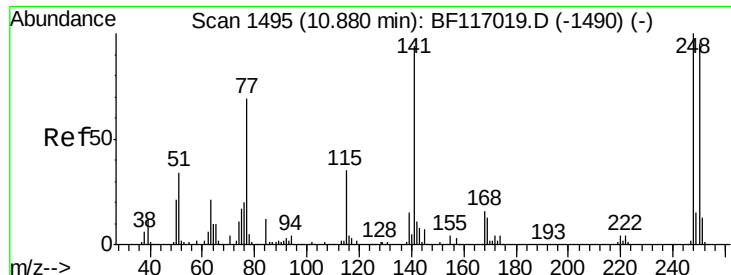
Jagrut
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#66
n-Nitrosodiphenylamine
Concen: 40.366 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.5	52.2	78.2
167	36.8	28.8	43.2





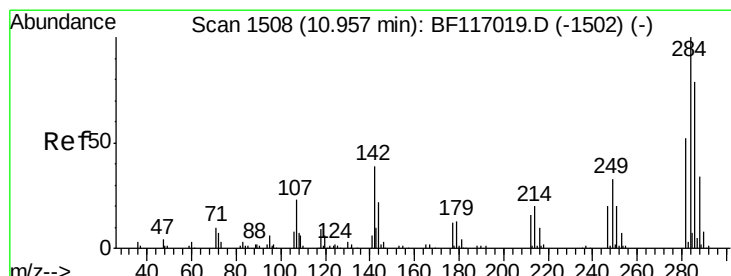
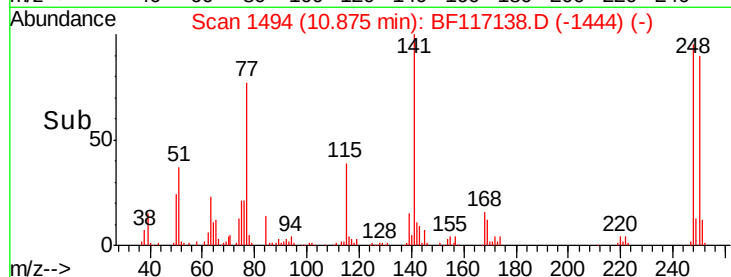
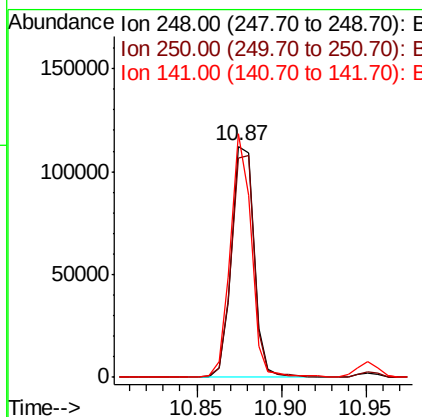
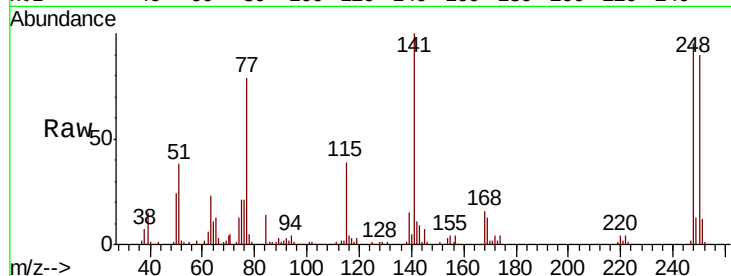
#67
 4-Bromophenyl-phenylether
 Concen: 40.004 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB123115BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.9	76.2	114.4
141	105.3	75.0	112.4

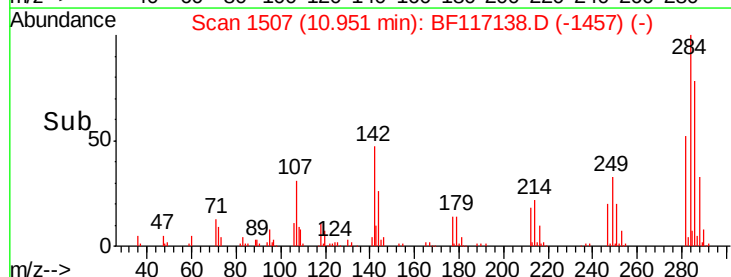
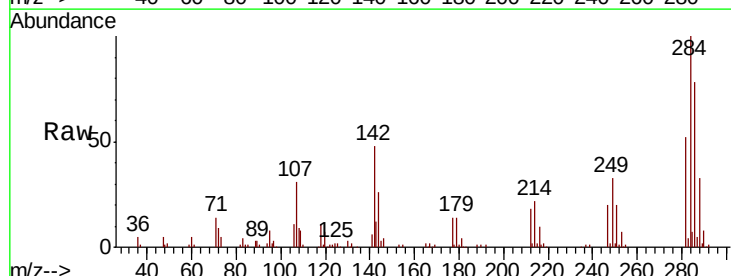
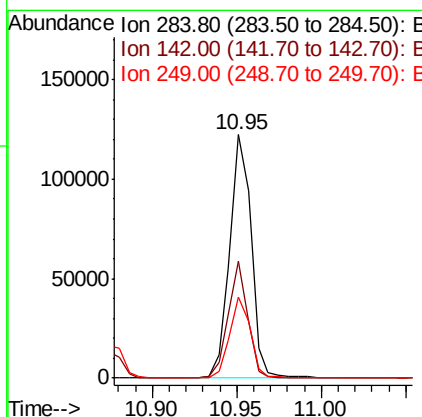
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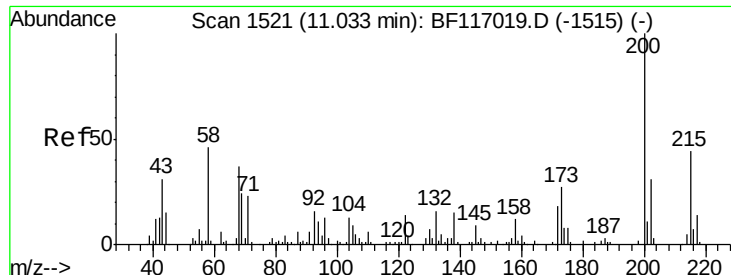
Jagrut
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#68
 Hexachlorobenzene
 Concen: 37.931 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
284	100		
142	48.0	31.4	47.2#
249	33.2	26.5	39.7





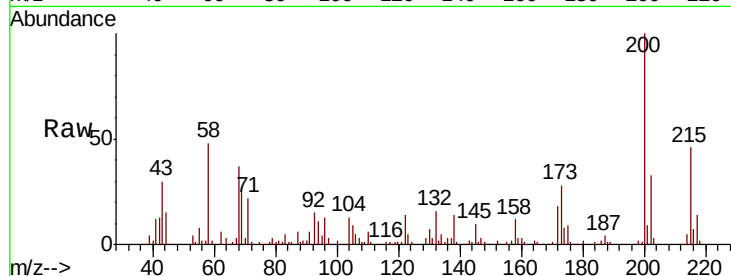
#69
Atrazine
Concen: 45.482 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	6.9	46.9
215	45.9	23.8	63.8

Manual Integrations
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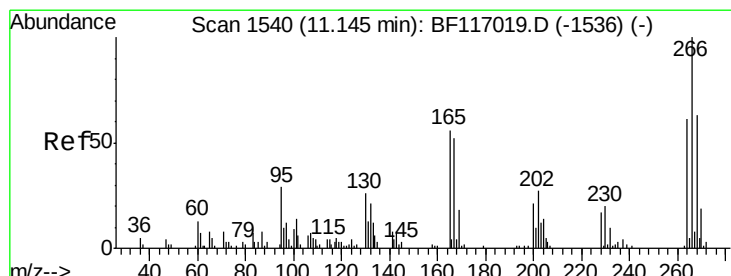
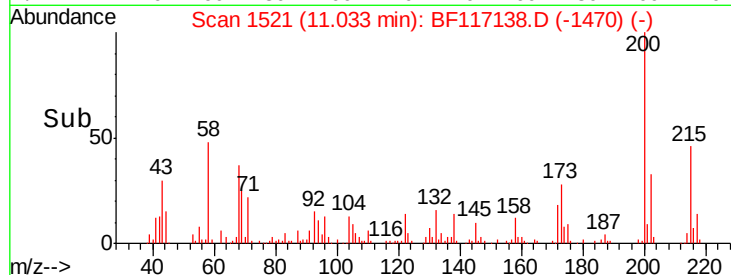
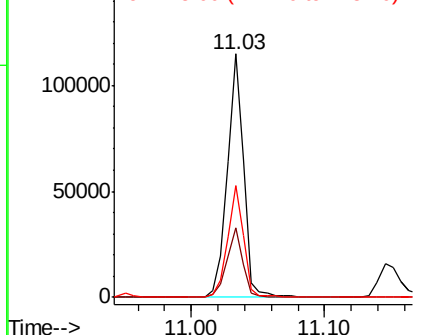


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 77.537 ng
RT: 11.15 min Scan# 1540
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

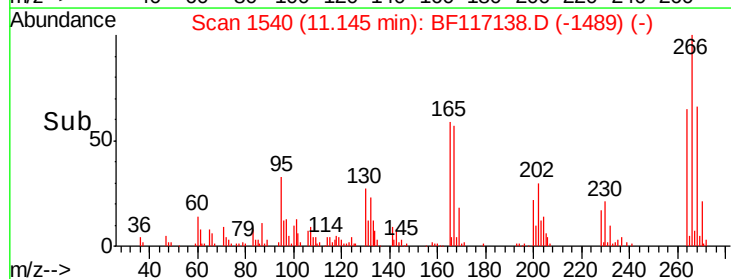
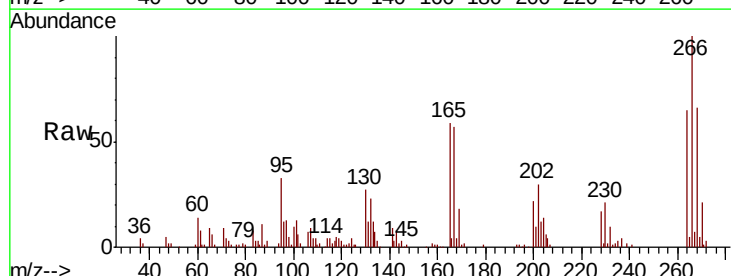
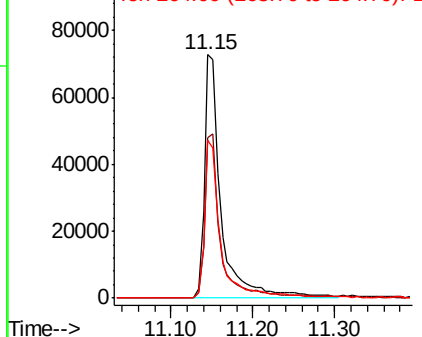
Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.0	50.5	75.7
264	64.9	48.8	73.2

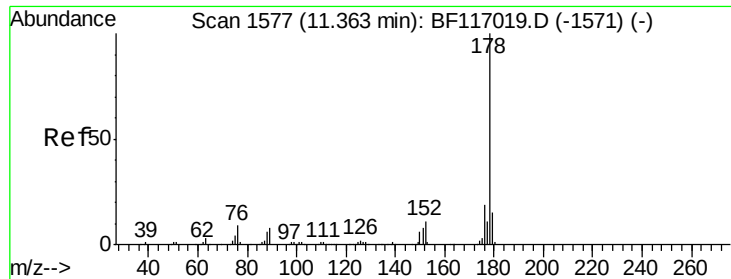
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





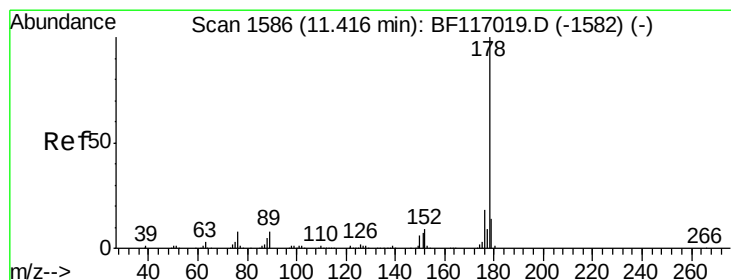
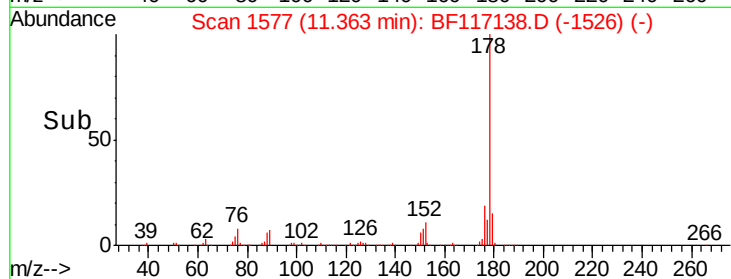
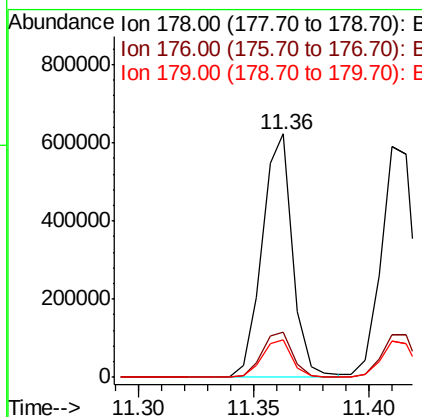
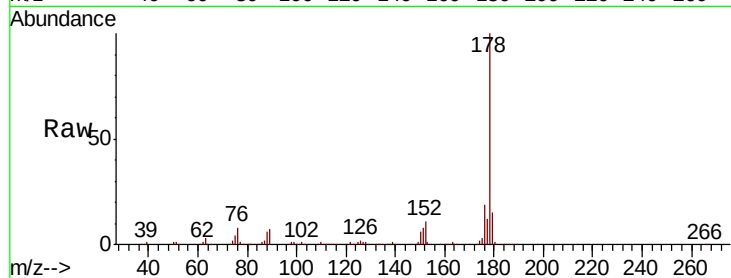
#71
Phenanthrene
Concen: 39.373 ng
RT: 11.36 min Scan# 1577
Delta R.T. 0.00 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		571448		
176	18.7	15.4	23.2		
179	15.3	12.4	18.6		

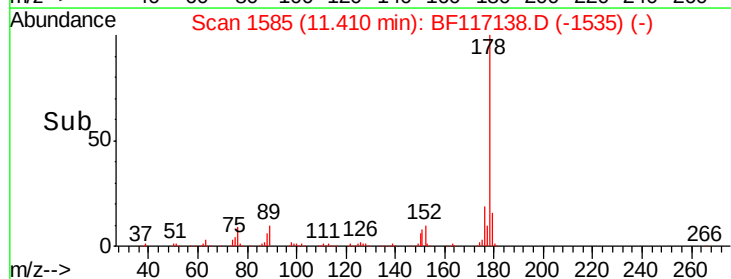
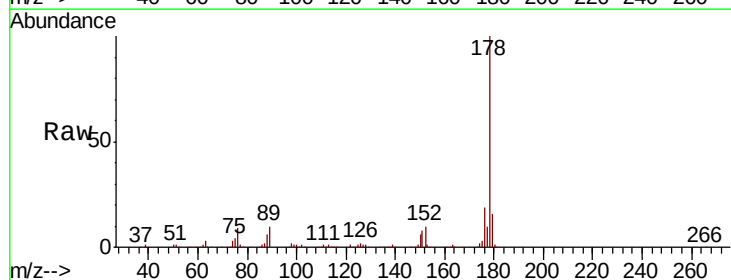
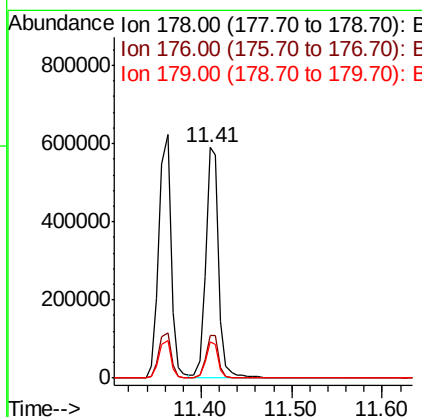
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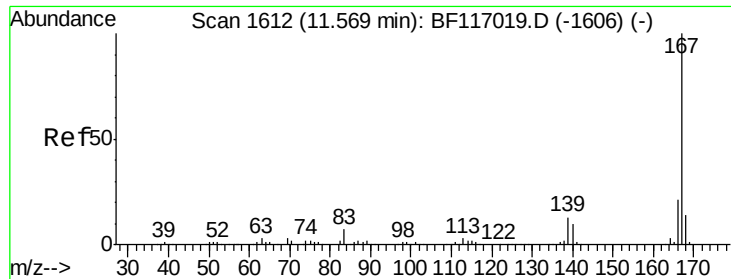
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#72
Anthracene
Concen: 40.549 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		600826		
176	18.6	14.6	21.8		
179	15.8	11.6	17.4		





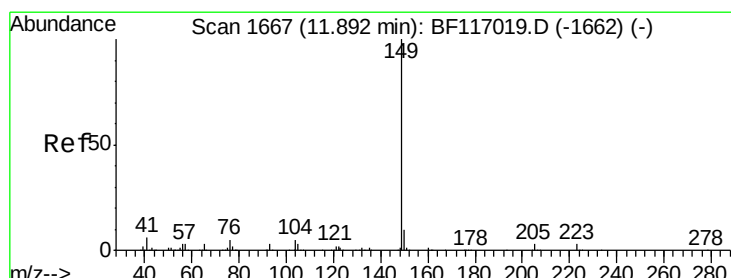
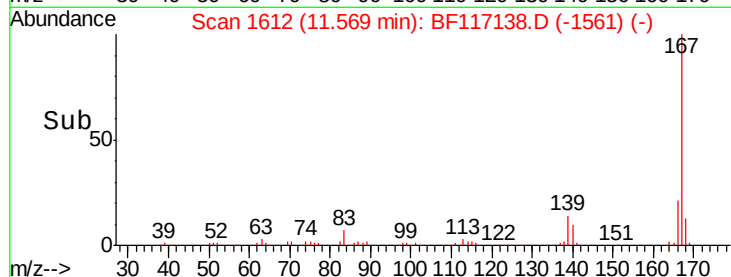
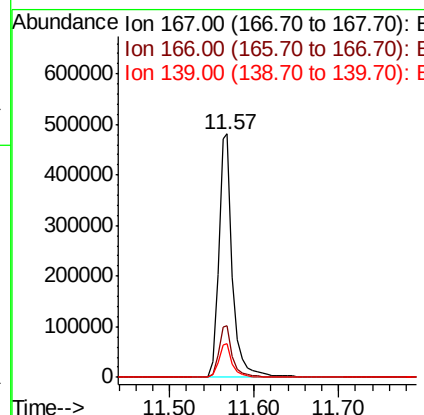
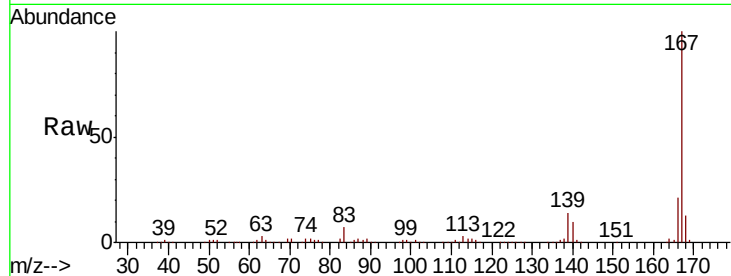
#73
 Carbazole
 Concen: 39.688 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB123115BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.7	10.6	16.0

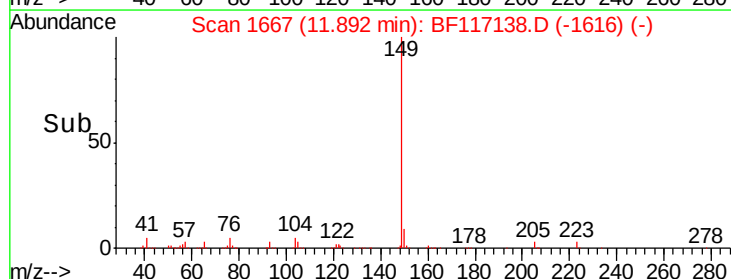
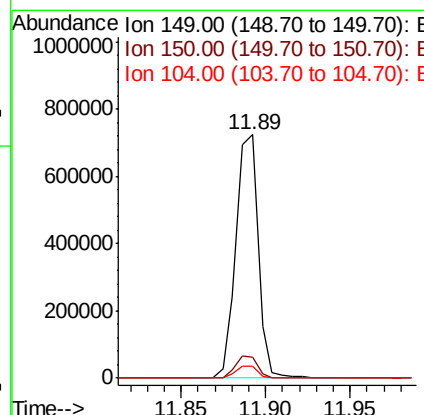
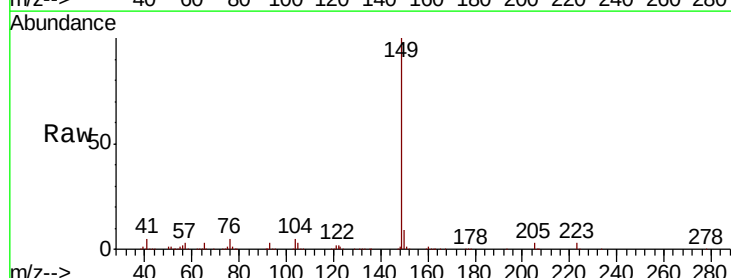
Manual Integrations
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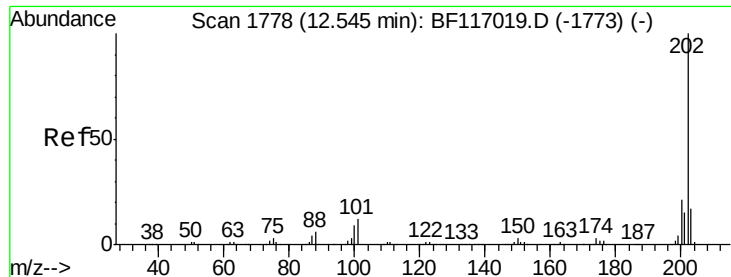
Jagrut
 9/19/2019 10:42:05 AM



#74
 Di-n-butylphthalate
 Concen: 39.711 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
150	8.8	7.7	11.5
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 38.980 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

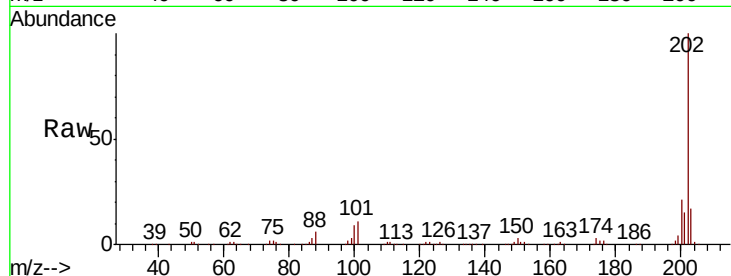
ClientSampleId :

PB123115BS

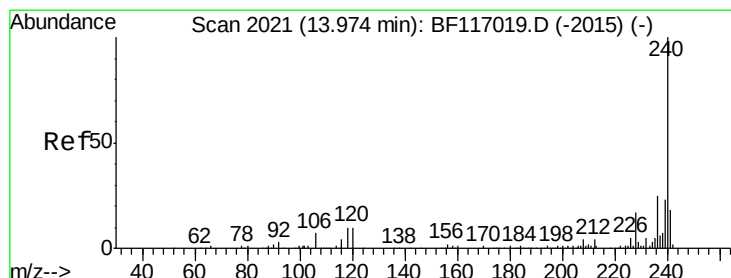
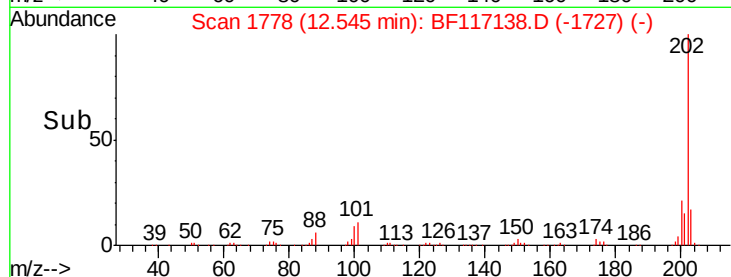
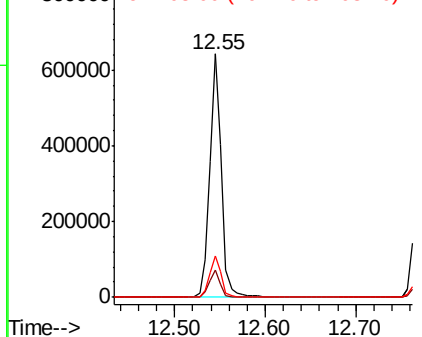
Tot Ion	Ratio	Resp	Lower	Upper
202	100	581297		
101	11.3	0.0	32.3	
203	17.1	0.0	37.1	

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



#76

Chrysene-d12

Concen: 20.000 ng

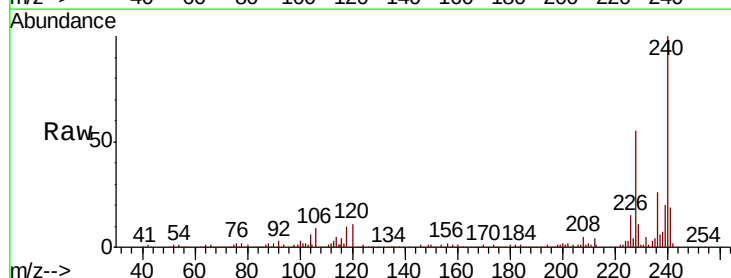
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

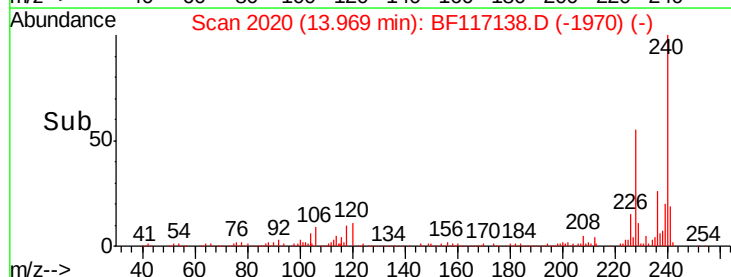
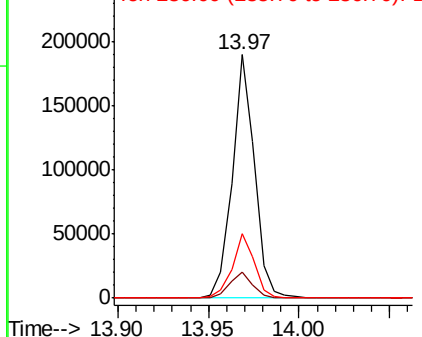
Lab File: BF117138.D

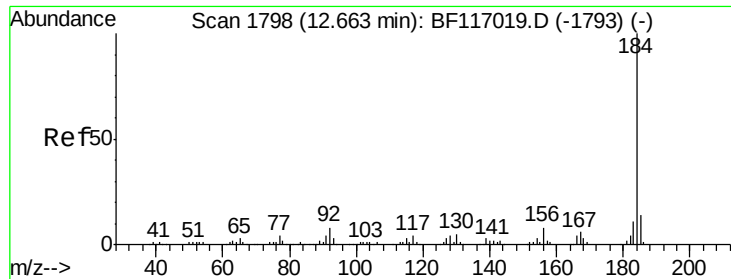
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	162323		
120	10.7	8.3	12.5	
236	26.2	20.3	30.5	



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





#77

Benzidine

Concen: 42.394 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117138.D

Acq: 18 Sep 2019 10:42

Instrument :

BNA_F

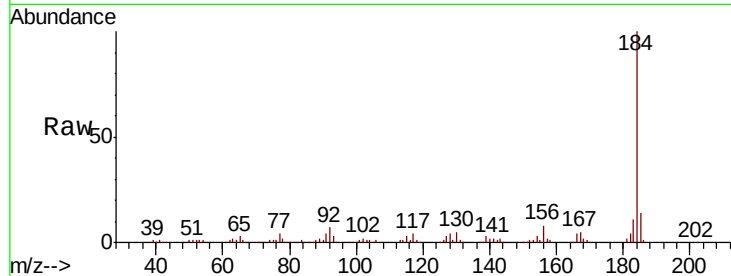
ClientSampleId :

PB123115BS

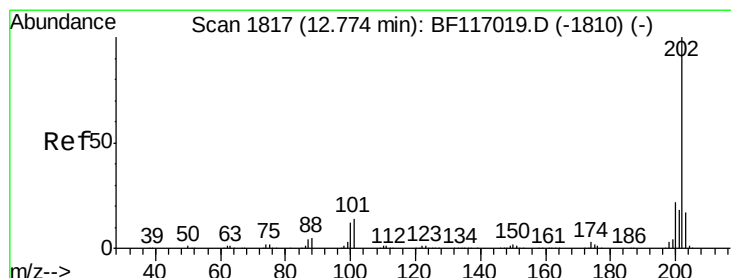
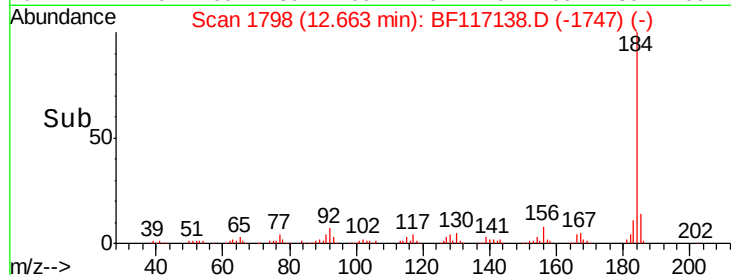
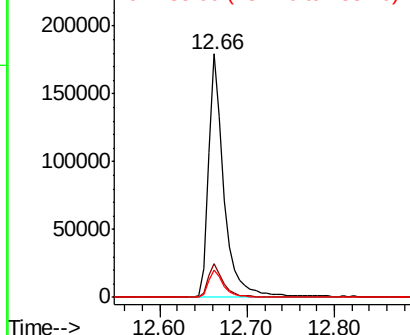
Tot Ion:	184	Resp:	221671
Ion Ratio	Lower	Upper	
184	100		
185	13.9	11.6	17.4
183	11.2	9.0	13.4

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



#78

Pyrene

Concen: 42.757 ng

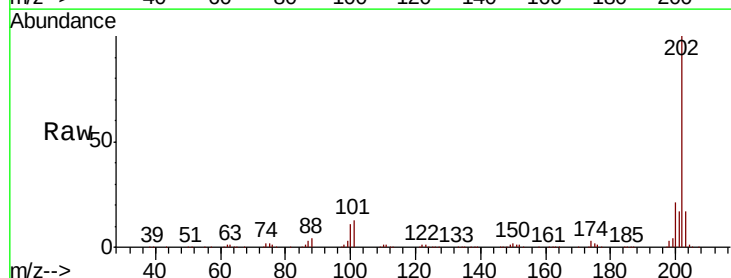
RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

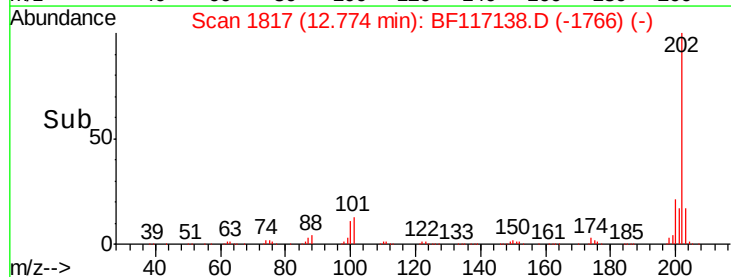
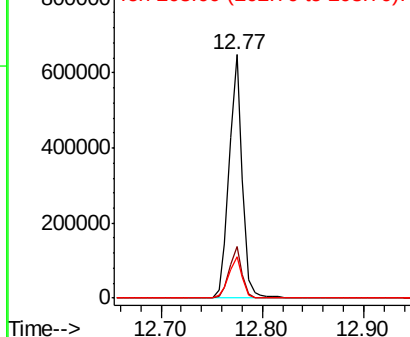
Lab File: BF117138.D

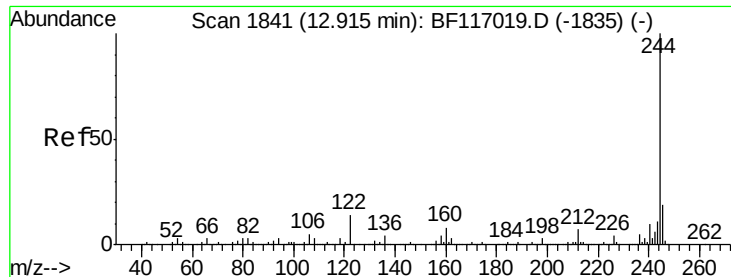
Acq: 18 Sep 2019 10:42

Tgt Ion:	202	Resp:	582352
Ion Ratio	Lower	Upper	
202	100		
200	21.4	17.2	25.8
203	17.1	14.0	21.0



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





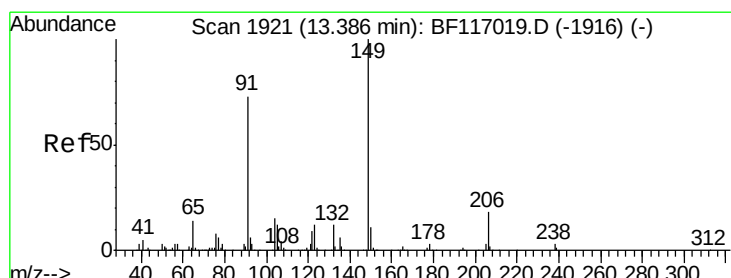
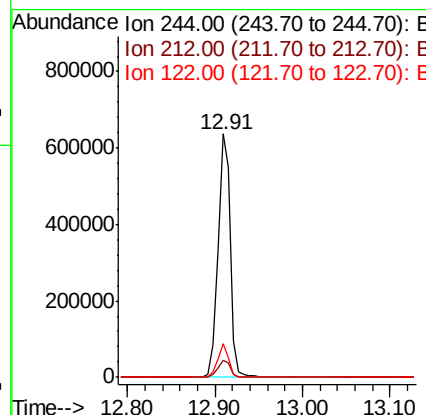
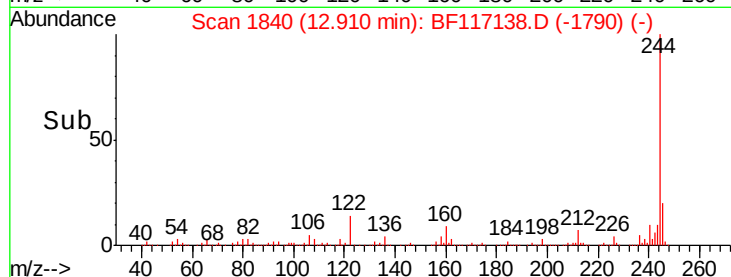
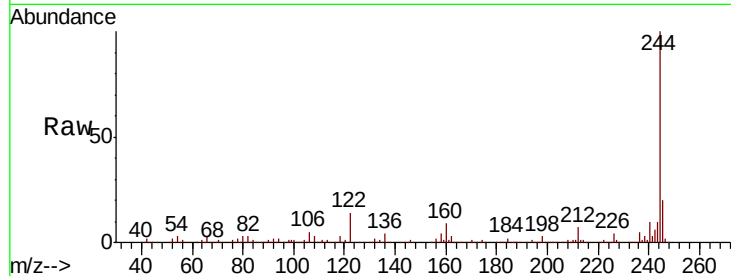
#79
 Terphenyl-d14
 Concen: 71.056 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB123115BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.8	8.8
122	13.7	11.3	16.9

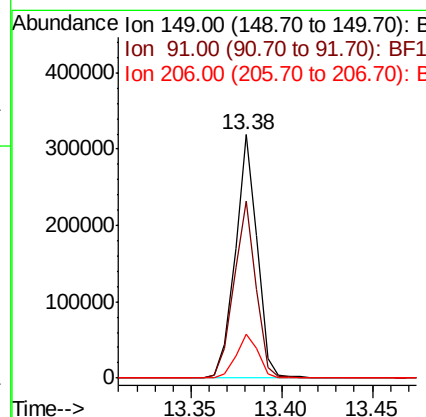
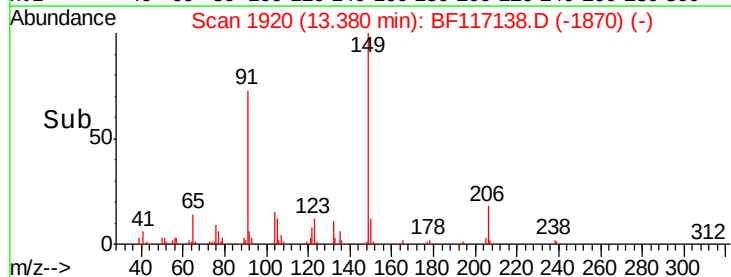
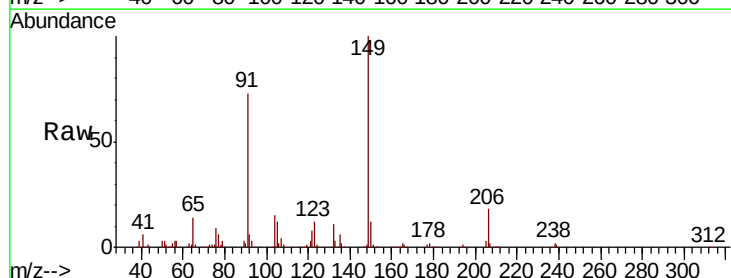
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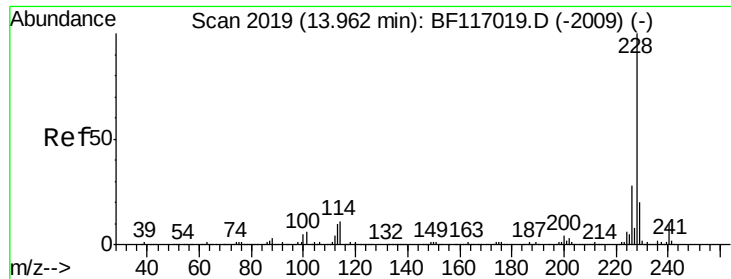
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#80
 Butylbenzylphthalate
 Concen: 41.670 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
91	72.5	58.8	88.2
206	18.0	14.1	21.1





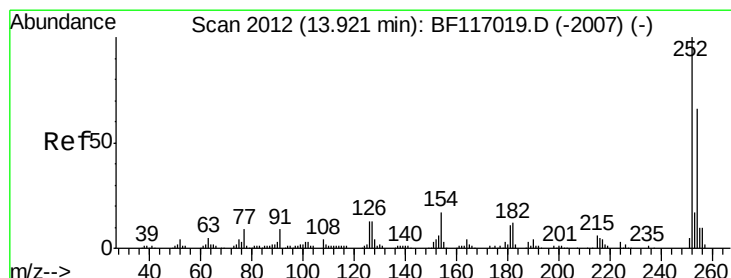
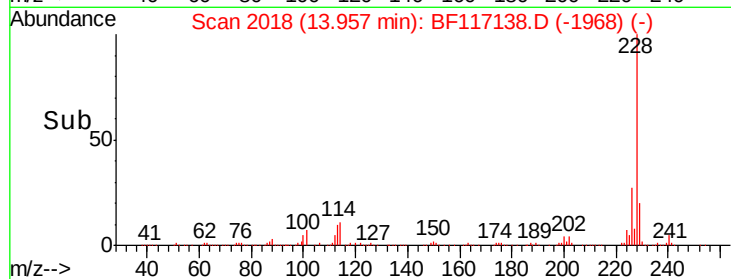
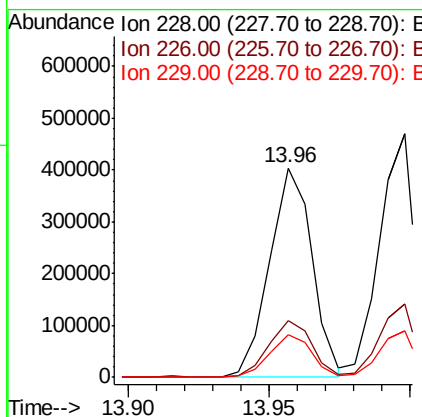
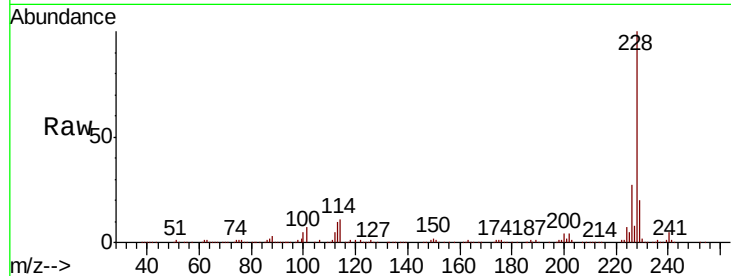
#81
Benzo(a)anthracene
Concen: 38.951 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.3	33.5
229	20.4	15.9	23.9

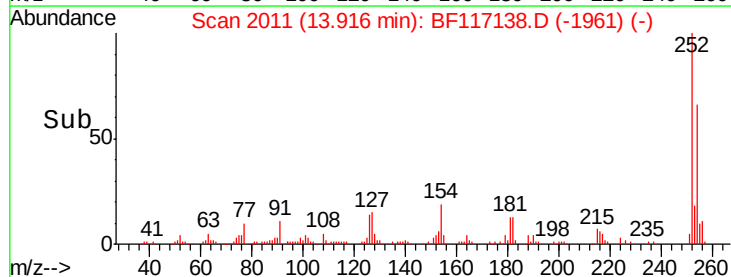
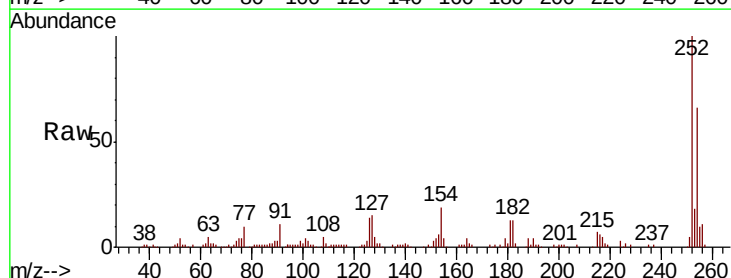
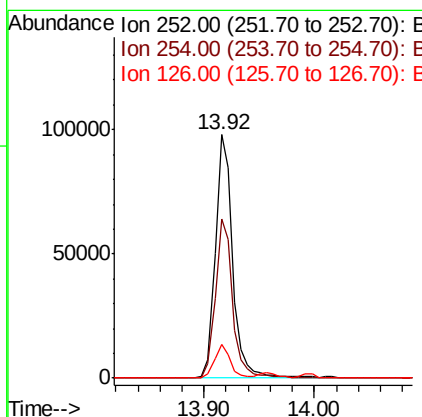
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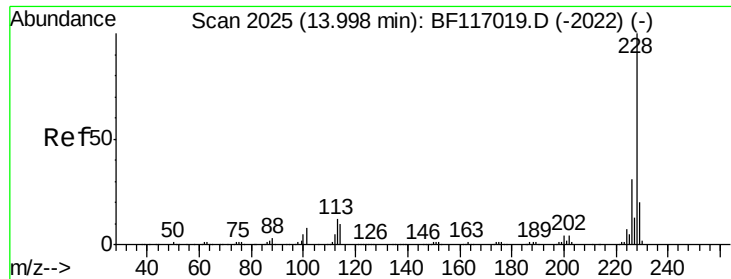
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#82
3,3'-Dichlorobenzidine
Concen: 30.324 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.6	79.0
126	13.8	10.4	15.6





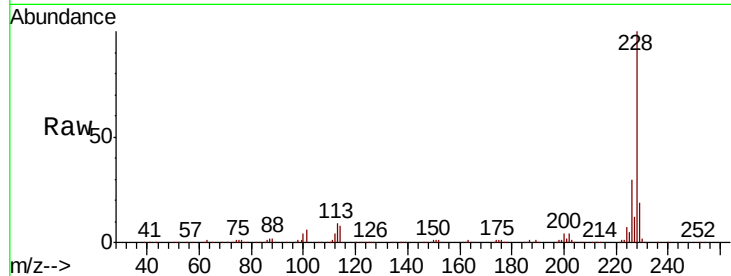
#83
 Chrysene
 Concen: 39.722 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Instrument :
 BNA_F
 ClientSampleId :
 PB123115BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.8	37.2
229	19.1	15.8	23.8

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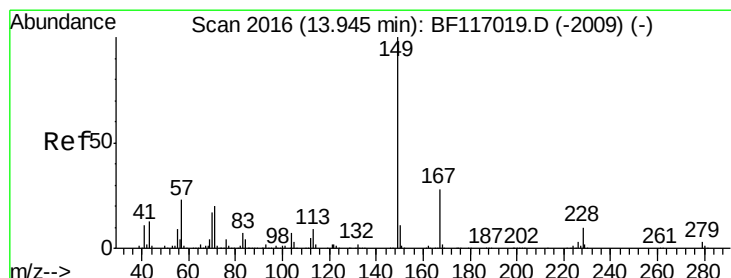
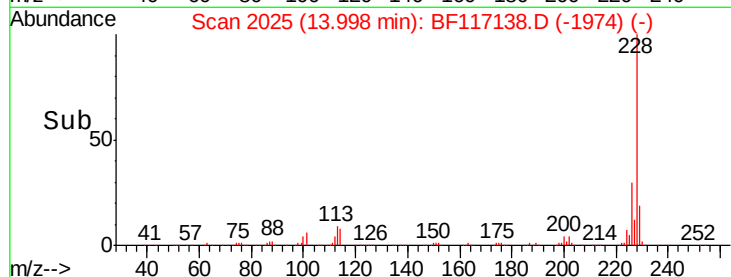
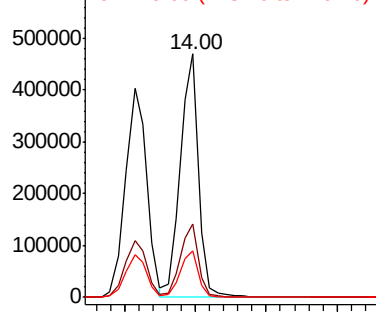


Abundance

Ion 228.00 (227.70 to 228.70): E

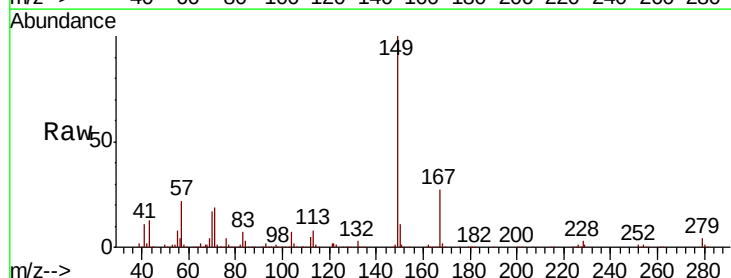
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.710 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF117138.D
 Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.2	33.2
279	3.5	2.8	4.2

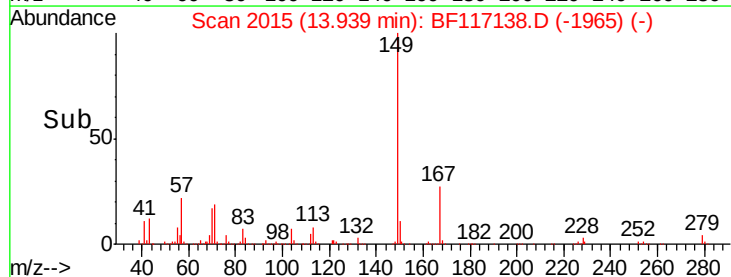
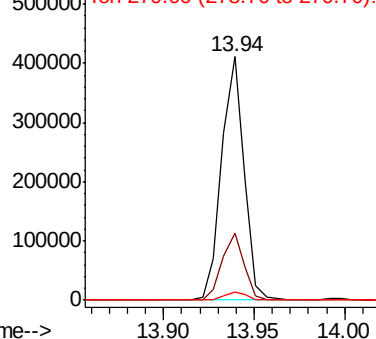


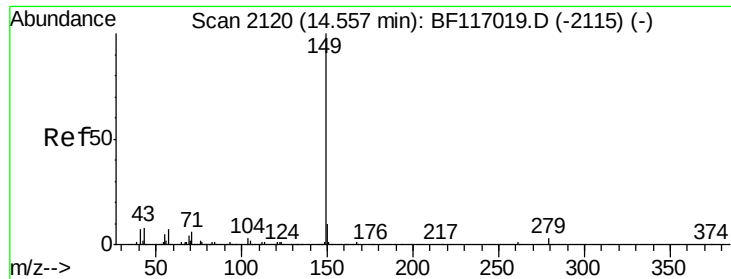
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





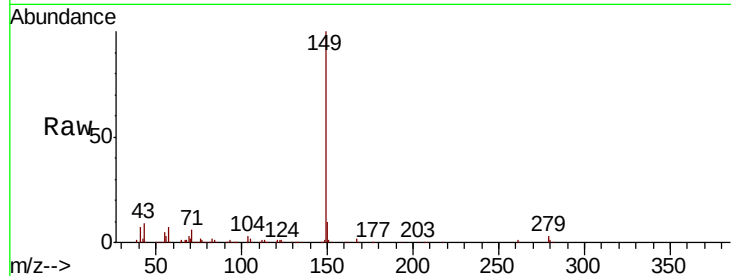
#85
Di-n-octyl phthalate
Concen: 42.138 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.5	6.2	9.4

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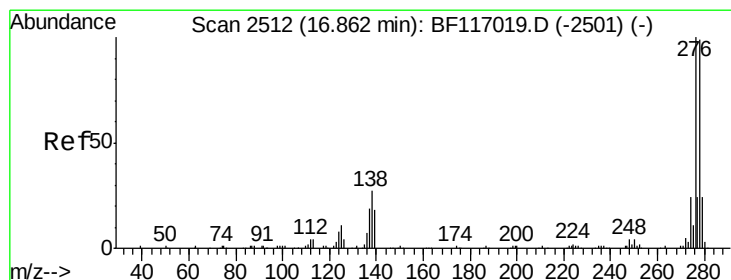
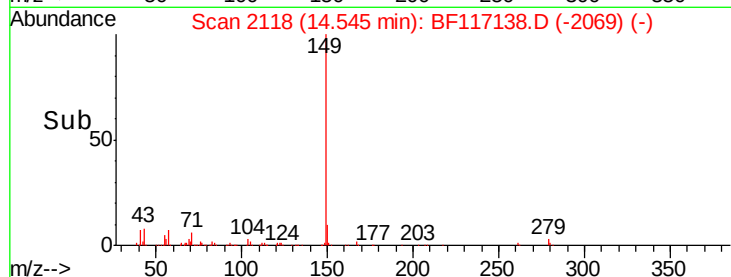
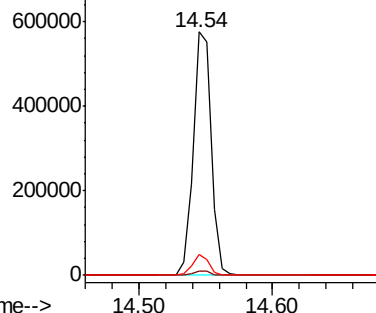


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.766 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

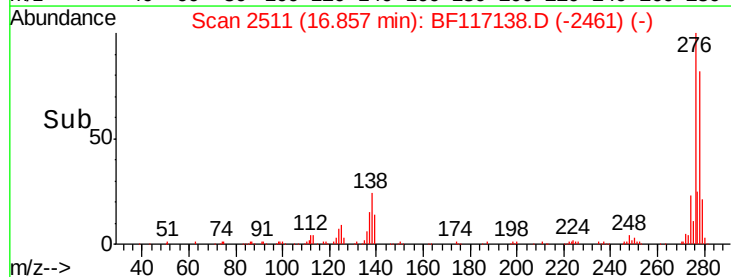
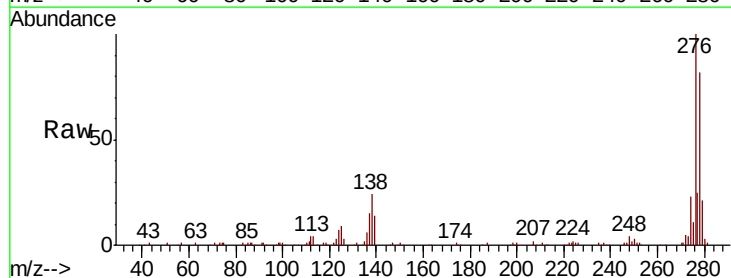
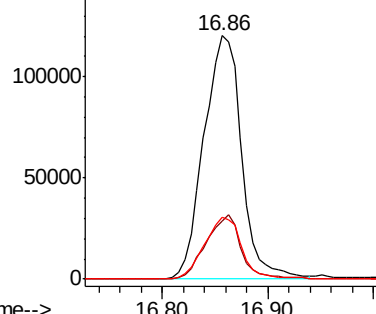
Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	24.6	20.7	31.1
277	25.2	19.8	29.8

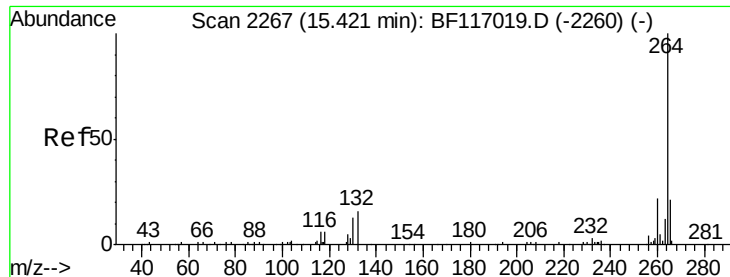
Abundance

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





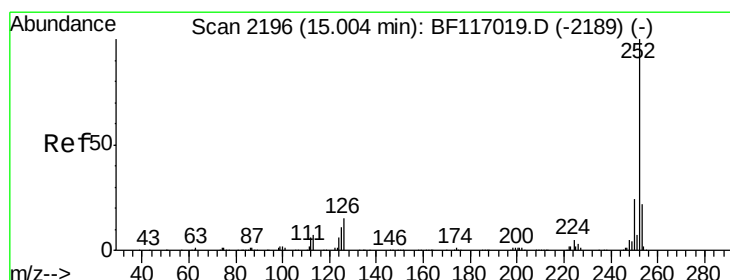
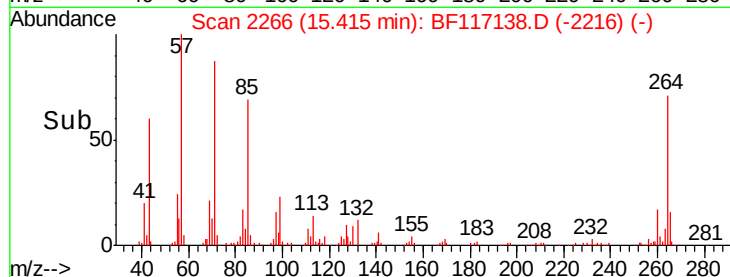
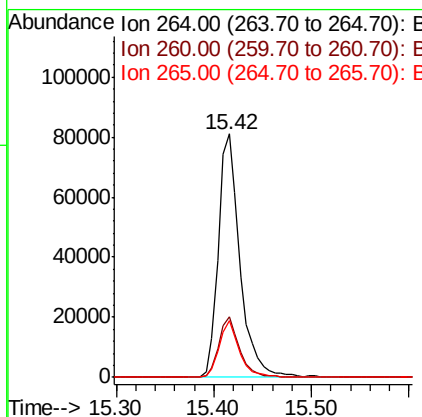
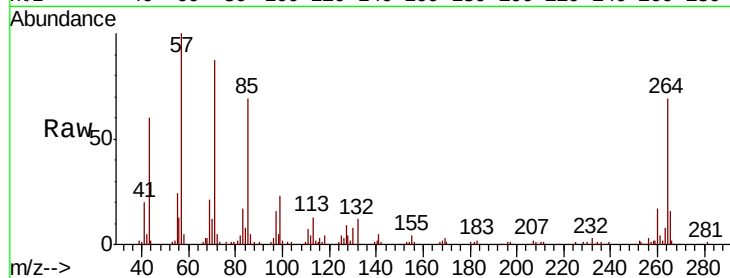
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampled :
PB123115BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.6	26.4
265	23.1	16.6	24.8

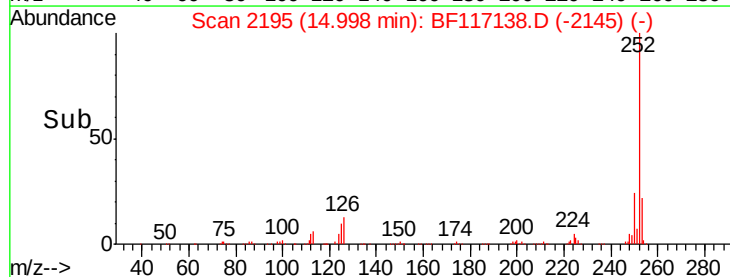
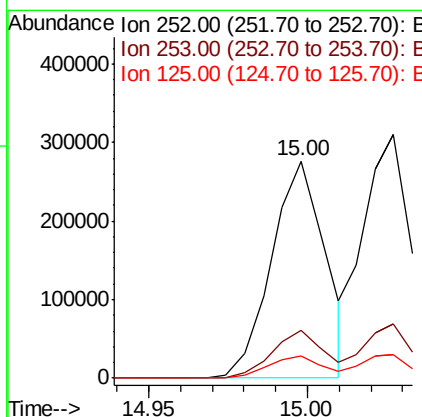
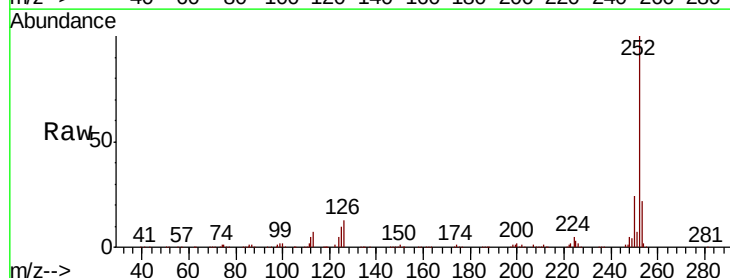
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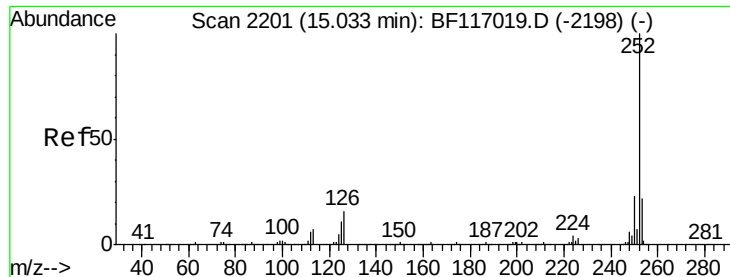
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#88
Benzo(b)fluoranthene
Concen: 43.393 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	10.0	8.6	12.8





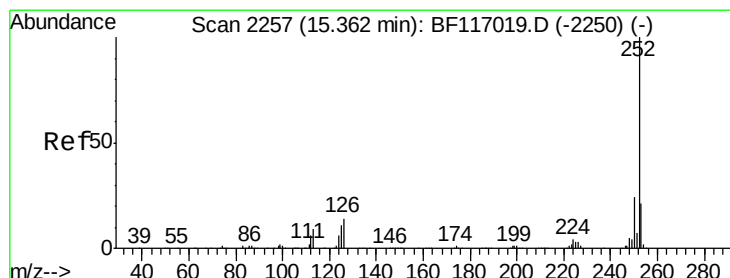
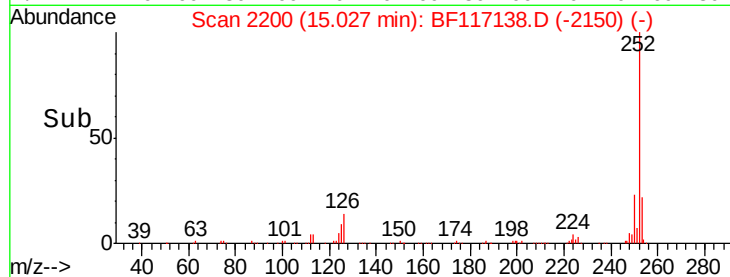
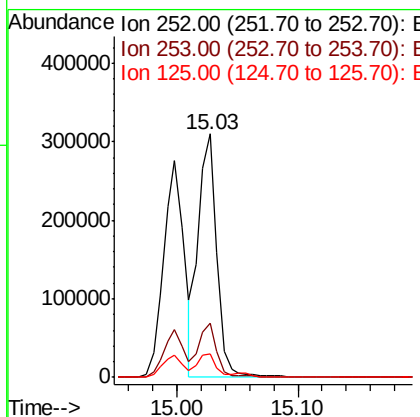
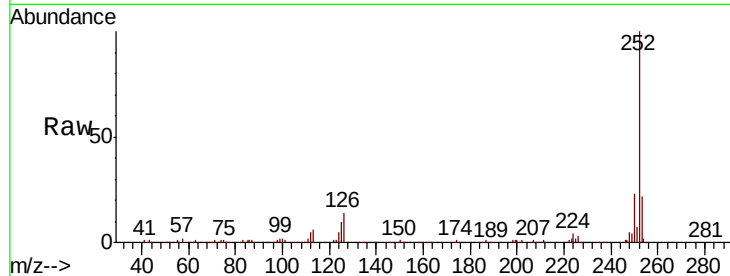
#89
Benzo(k)fluoranthene
Concen: 46.725 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.2
125	9.5	8.8	13.2

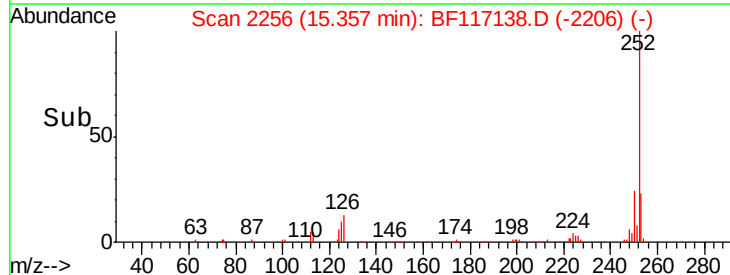
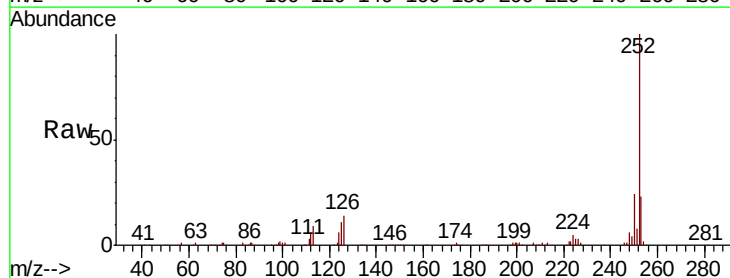
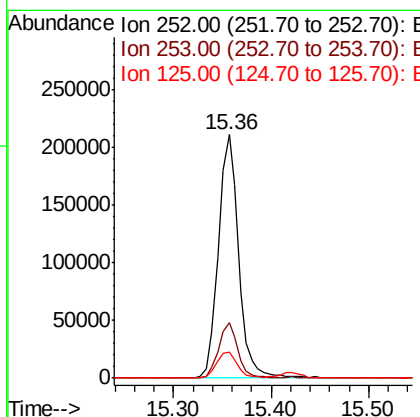
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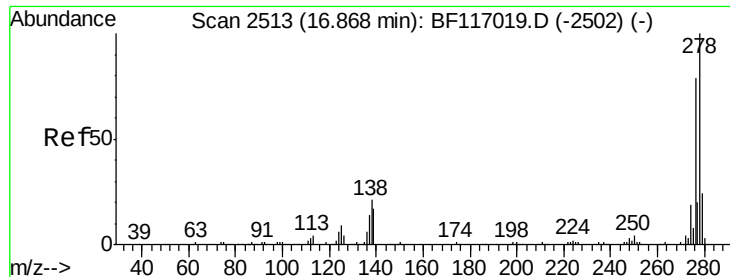
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#90
Benzo(a)pyrene
Concen: 46.184 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	16.6	25.0
125	10.9	8.9	13.3





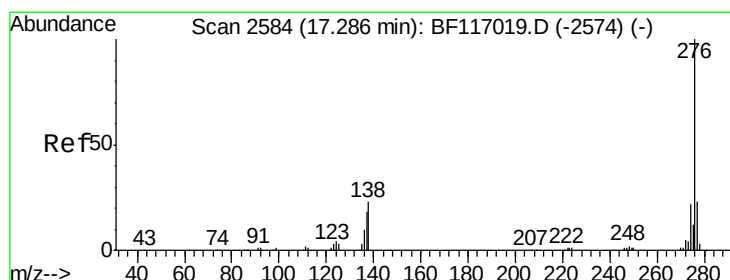
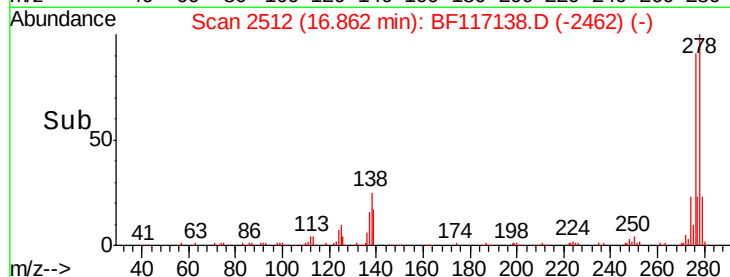
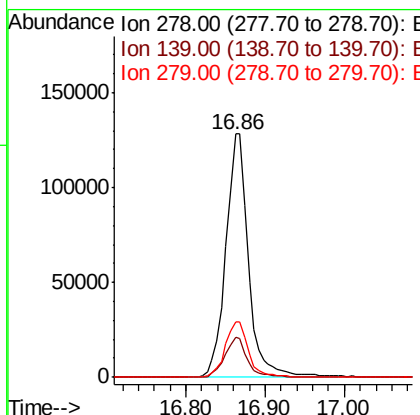
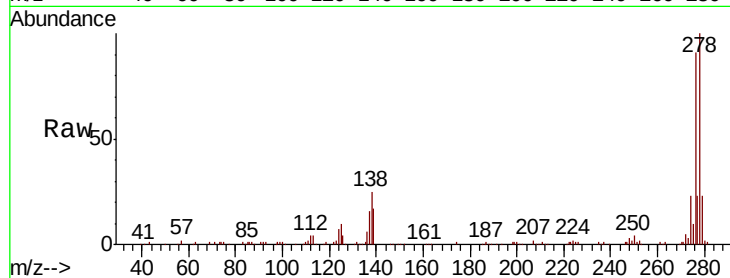
#91
Dibenzo(a,h)anthracene
Concen: 48.402 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Instrument :
BNA_F
ClientSampleId :
PB123115BS

Tot Ion:	278	Resp:	254131
Ion Ratio	Lower	Upper	
278	100		
139	16.6	13.5	20.3
279	22.8	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 47.284 ng
RT: 17.29 min Scan# 2585
Delta R.T. 0.01 min
Lab File: BF117138.D
Acq: 18 Sep 2019 10:42

Tgt Ion:	276	Resp:	247393
Ion Ratio	Lower	Upper	
276	100		
277	24.0	18.6	27.8
138	19.3	18.0	27.0

