

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117195.D
 Acq On : 20 Sep 2019 19:36
 Operator : HP/JU
 Sample : PB123268BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Manual Integrations
 APPROVED

mohammad
 9/24/2019 9:12:43 AM

Quant Time: Sep 21 01:04:42 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	38761	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	173442	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	92818	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	150621	20.00	ng	0.01
76) Chrysene-d12	13.99	240	99449	20.00	ng	0.01
87) Perylene-d12	15.43	264	63464	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	279043	112.40	ng	0.02
7) Phenol-d6	6.47	99	357383	111.39	ng	0.01
23) Nitrobenzene-d5	7.39	82	219792	66.58	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	94384	121.67	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	434084	73.12	ng	0.00
79) Terphenyl-d14	12.92	244	417315	78.44	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	36927	35.545	ng	96
3) Pyridine	3.44	79	78100	27.466	ng	94
4) n-Nitrosodimethylamine	3.39	42	44666	45.773	ng	# 68
6) Aniline	6.49	93	124522	30.143	ng	90
8) 2-Chlorophenol	6.61	128	118553	44.264	ng	99
9) Benzaldehyde	6.37	77	64786	40.538	ng	95
10) Phenol	6.48	94	152432	43.095	ng	86
11) bis(2-Chloroethyl)ether	6.56	93	112373	43.226	ng	99
12) 1,3-Dichlorobenzene	6.76	146	118490	39.425	ng	98
13) 1,4-Dichlorobenzene	6.83	146	126606	41.279	ng	99
14) 1,2-Dichlorobenzene	6.99	146	116552	40.815	ng	98
15) Benzyl Alcohol	6.97	79	111322	45.244	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.09	45	101444	39.497	ng	76
17) 2-Methylphenol	7.08	107	99544	44.346	ng	# 89
18) Hexachloroethane	7.33	117	50410	42.723	ng	97
19) n-Nitroso-di-n-propylamine	7.24	70	91592	46.880	ng	92
20) 3+4-Methylphenols	7.23	107	129477	46.308	ng	# 88
22) Acetophenone	7.23	105	184076	41.773	ng	# 94
24) Nitrobenzene	7.40	77	133041	40.812	ng	98
25) Isophorone	7.65	82	247252	42.304	ng	99
26) 2-Nitrophenol	7.72	139	60421	43.151	ng	92
27) 2,4-Dimethylphenol	7.76	122	104493	47.059	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	142225	39.496	ng	96
29) 2,4-Dichlorophenol	7.96	162	100383	43.145	ng	100
30) 1,2,4-Trichlorobenzene	8.05	180	98972	39.374	ng	99
31) Naphthalene	8.12	128	342700	41.084	ng	100
32) Benzoic acid	7.92	122	57959	36.414	ng	95
33) 4-Chloroaniline	8.17	127	84281	22.780	ng	97
34) Hexachlorobutadiene	8.24	225	59905	42.006	ng	97
35) Caprolactam	8.56	113	26507m	33.659	ng	
36) 4-Chloro-3-methylphenol	8.66	107	117409	43.278	ng	94
37) 2-Methylnaphthalene	8.82	142	242344	43.144	ng	98
38) 1-Methylnaphthalene	8.92	142	223831	42.546	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	99580	41.547	ng	97

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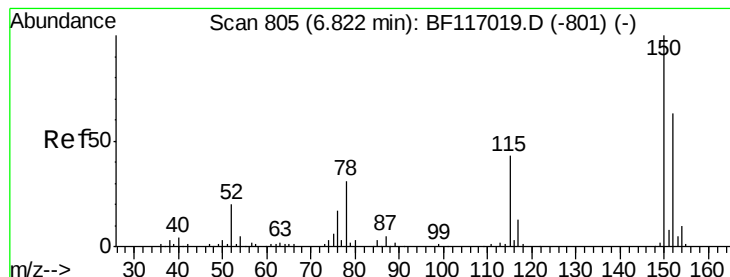
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	82607	78.171	nq	97
43) 2,4,6-Trichlorophenol	9.10	196	66071	40.620	nq	98
44) 2,4,5-Trichlorophenol	9.15	196	70876	40.784	nq	97
46) 1,1'-Biphenyl	9.28	154	294295	40.421	nq	98
47) 2-Chloronaphthalene	9.30	162	231486	40.287	nq	99
48) 2-Nitroaniline	9.40	65	71348	38.712	nq	91
49) Acenaphthylene	9.72	152	349771	40.634	nq	100
50) Dimethylphthalate	9.58	163	273250	41.578	nq	99
51) 2,6-Dinitrotoluene	9.65	165	57410	42.891	nq #	82
52) Acenaphthene	9.89	154	205915	40.355	nq	100
53) 3-Nitroaniline	9.82	138	40486	23.974	nq	92
54) 2,4-Dinitrophenol	9.93	184	45721	79.210	nq	96
55) Dibenzofuran	10.06	168	322500	42.837	nq	97
56) 4-Nitrophenol	9.99	139	74063	67.667	nq #	82
57) 2,4-Dinitrotoluene	10.06	165	75559	43.488	nq #	84
58) Fluorene	10.41	166	262360	43.262	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.19	232	54354	40.872	nq #	93
60) Diethylphthalate	10.28	149	286970	44.384	nq	99
61) 4-Chlorophenyl-phenylether	10.39	204	120258	45.832	nq	93
62) 4-Nitroaniline	10.44	138	59666	33.973	nq	87
63) Azobenzene	10.56	77	288991	43.763	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	32172	47.039	nq	85
66) n-Nitrosodiphenylamine	10.52	169	227653	43.764	nq	98
67) 4-Bromophenyl-phenylether	10.89	248	66335	43.125	nq	95
68) Hexachlorobenzene	10.96	284	70772	42.065	nq	92
69) Atrazine	11.05	200	61238	48.236	nq	100
70) Pentachlorophenol	11.16	266	67291	85.326	nq	98
71) Phenanthrene	11.37	178	357121	41.743	nq	99
72) Anthracene	11.42	178	365674	41.867	nq	99
73) Carbazole	11.57	167	321572	38.788	nq	99
74) Di-n-butylphthalate	11.90	149	462705	46.909	nq	99
75) Fluoranthene	12.56	202	350513	39.874	nq	97
77) Benzidine	12.67	184	89037	27.794	nq	97
78) Pyrene	12.79	202	347503	41.644	nq	99
80) Butylbenzylphthalate	13.39	149	178148	45.182	nq	99
81) Benzo(a)anthracene	13.97	228	265227	39.918	nq	99
82) 3,3'-Dichlorobenzidine	13.93	252	74731	34.903	nq	98
83) Chrysene	14.01	228	251153	38.756	nq	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	265705	52.265	nq	99
85) Di-n-octyl phthalate	14.56	149	408482	51.050	nq	100
86) Indeno(1,2,3-cd)pyrene	16.89	276	172588	36.505	nq	97
88) Benzo(b)fluoranthene	15.02	252	198051	51.519	nq	99
89) Benzo(k)fluoranthene	15.04	252	193485	53.133	nq	98
90) Benzo(a)pyrene	15.37	252	175817	52.119	nq	98
91) Dibenzo(a,h)anthracene	16.89	278	145584	54.174	nq	99
92) Benzo(g,h,i)perylene	17.32	276	133488	49.848	nq #	94

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



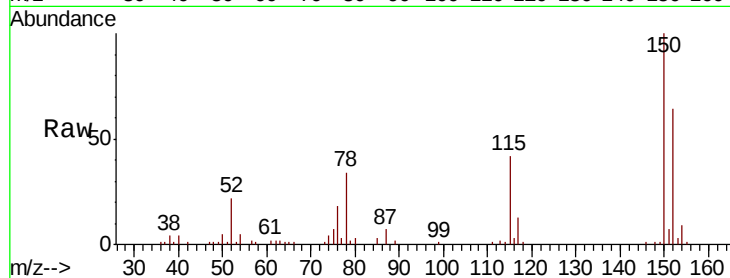
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.82 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Instrument :
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 PB123268BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	127.5	191.3
115	65.4	55.0	82.4

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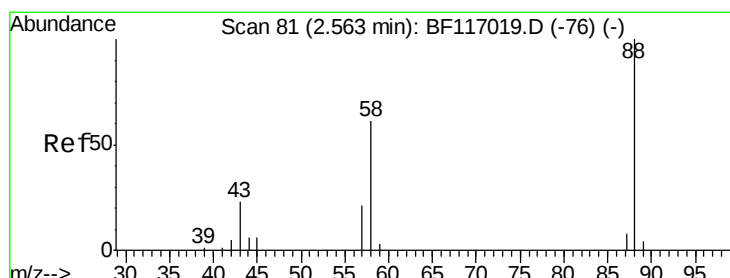
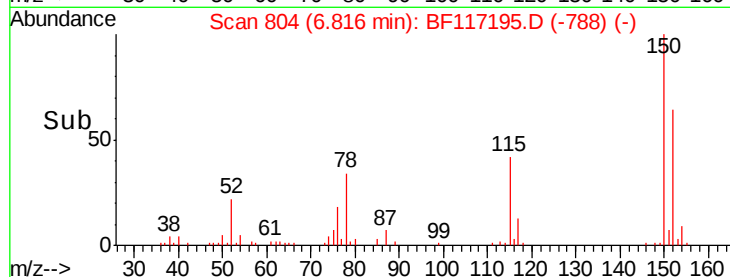
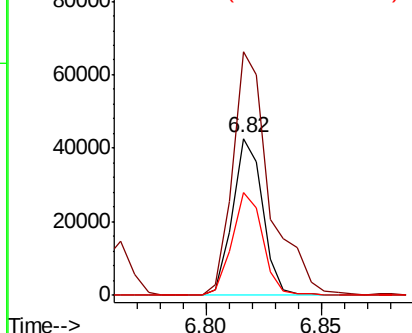


Abundance

Ion 152.00 (151.70 to 152.70): E

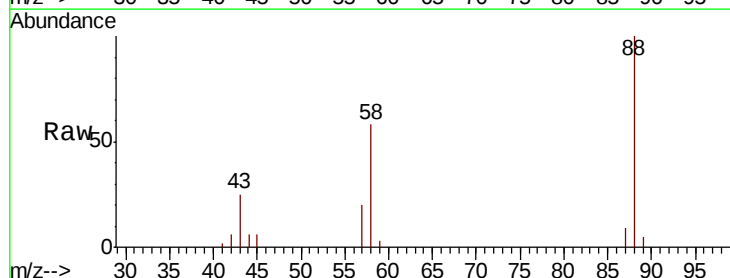
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2
 1,4-Dioxane
 Concen: 35.545 ng
 RT: 2.70 min Scan# 104
 Delta R.T. 0.14 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.8	49.3	73.9
43	26.6	18.8	28.2

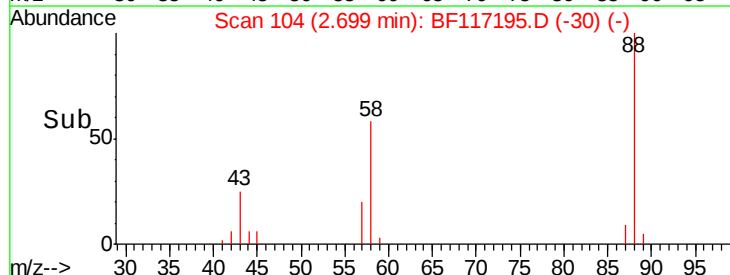
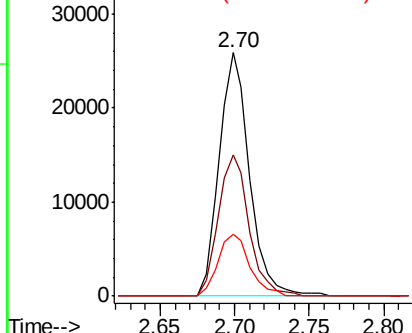


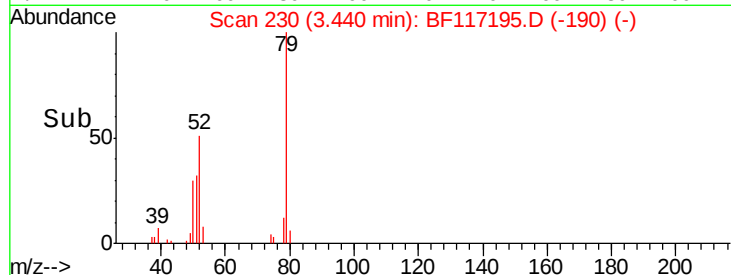
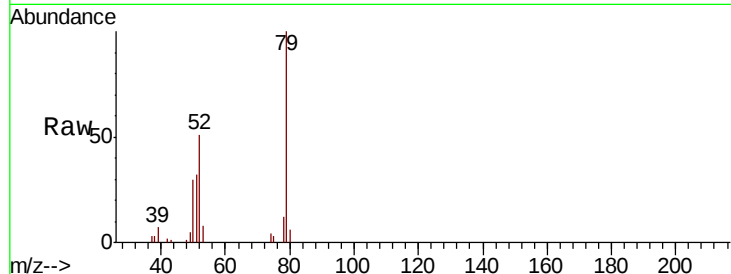
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





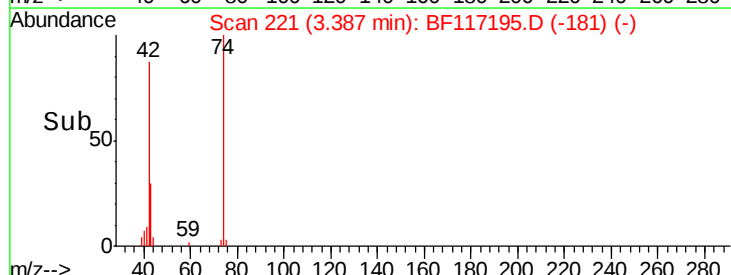
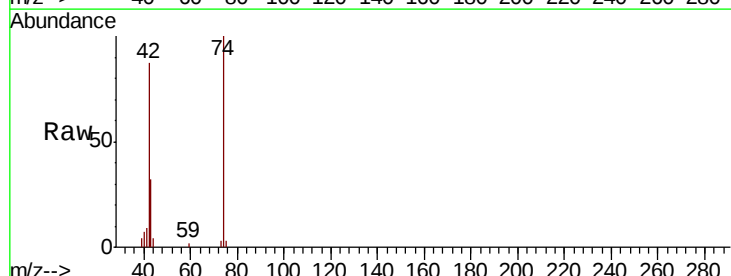
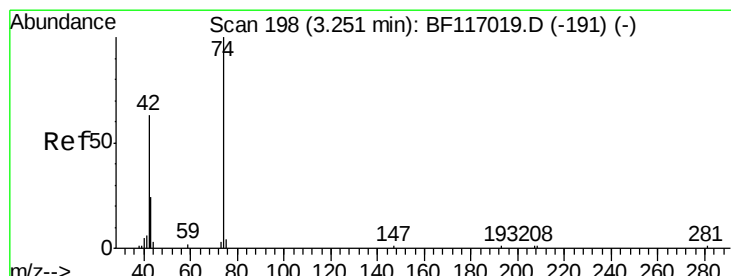
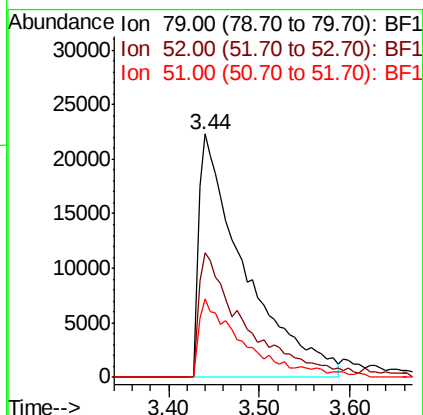
#3
Pvridine
Concen: 27.466 ng
RT: 3.44 min Scan# 230
Delta R.T. 0.14 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tot Ion:	79	Resp:	78100
Ion	Ratio	Lower	Upper
79	100		
52	51.1	43.5	65.3
51	32.1	21.8	32.6

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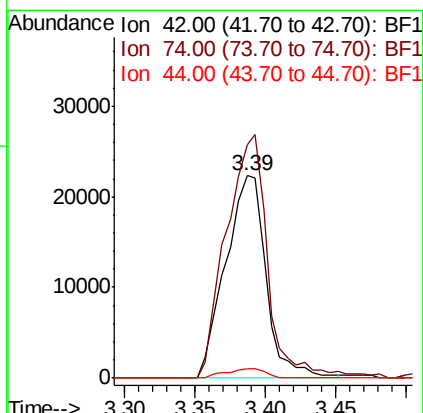
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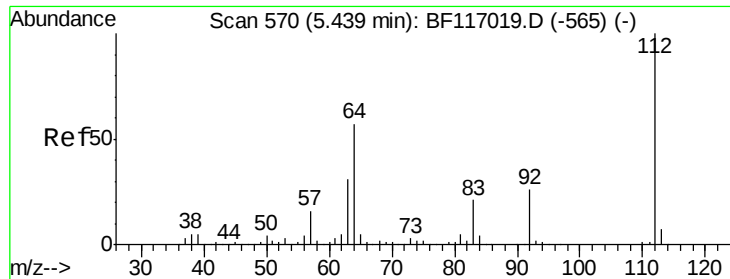
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#4
n-Nitrosodimethylamine
Concen: 45.773 ng
RT: 3.39 min Scan# 221
Delta R.T. 0.14 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion:	42	Resp:	44666
Ion	Ratio	Lower	Upper
42	100		
74	115.4	127.1	190.7#
44	4.7	4.3	6.5





#5

2-Fluorophenol

Concen: 112.395 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Instrument :

BNA_F

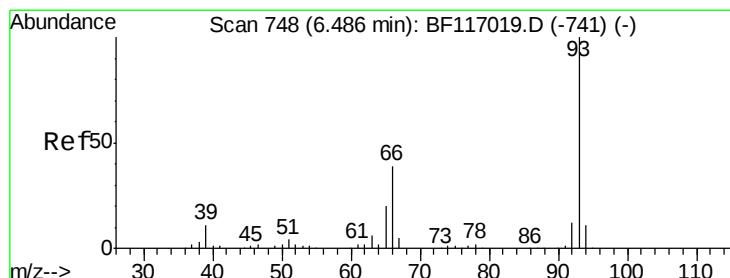
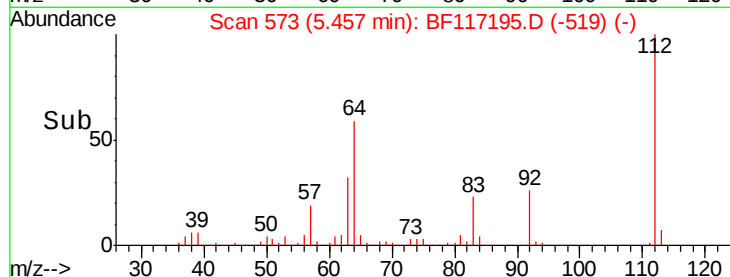
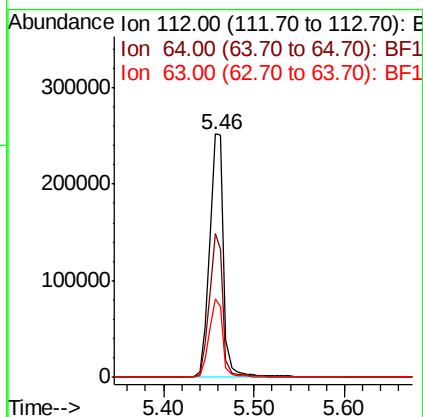
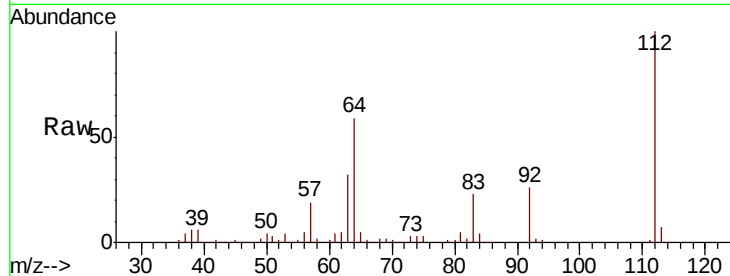
ClientSampleId :

PB123268BS

Tot Ion:	112	Resp:	279043
Ion Ratio	Lower	Upper	
112	100		
64	58.9	45.7	68.5
63	32.4	24.9	37.3

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#6

Aniline

Concen: 30.143 ng

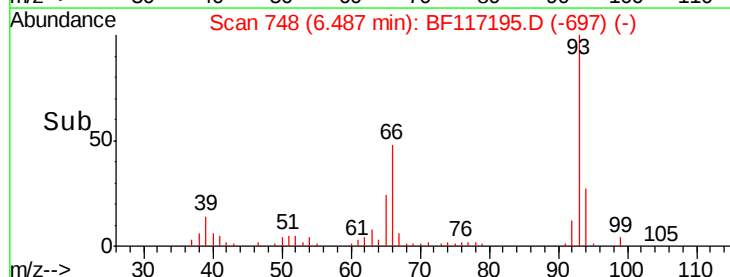
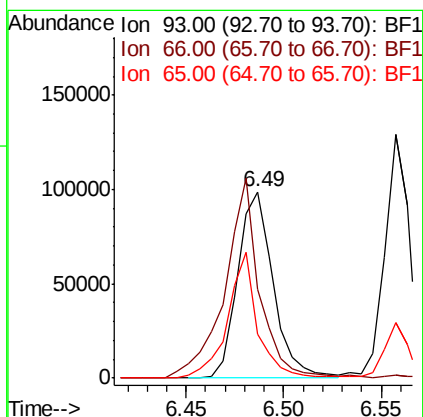
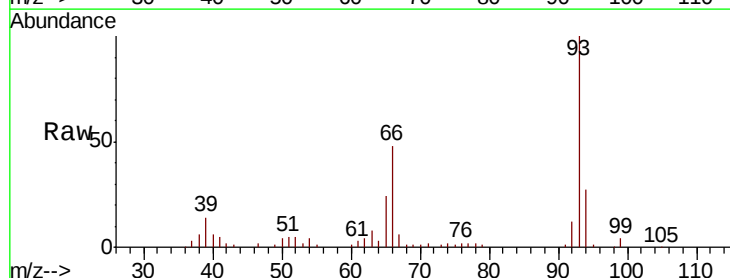
RT: 6.49 min Scan# 748

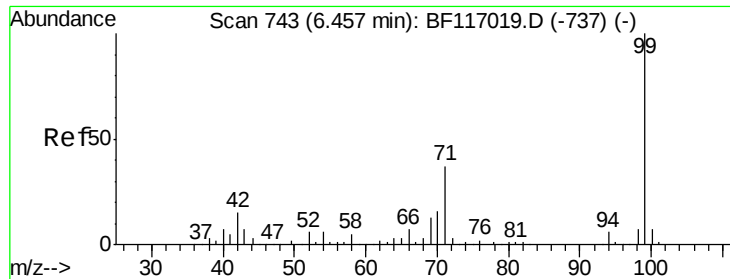
Delta R.T. 0.00 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Tgt Ion:	93	Resp:	124522
Ion Ratio	Lower	Upper	
93	100		
66	47.9	32.6	49.0
65	23.9	16.7	25.1





#7

Phenol-d6

Concen: 111.385 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Instrument :

BNA_F

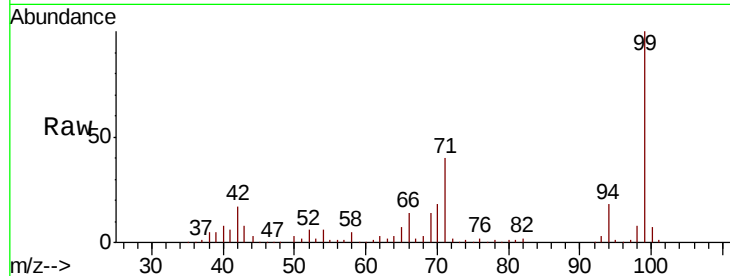
ClientSampleId :

PB123268BS

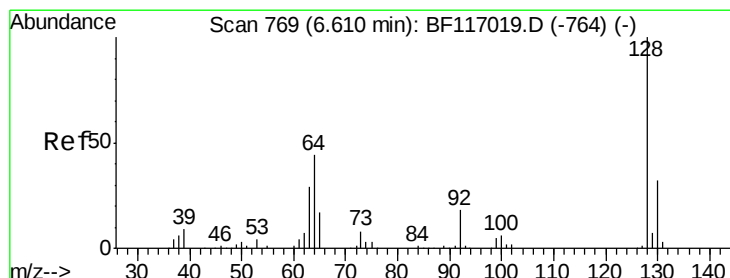
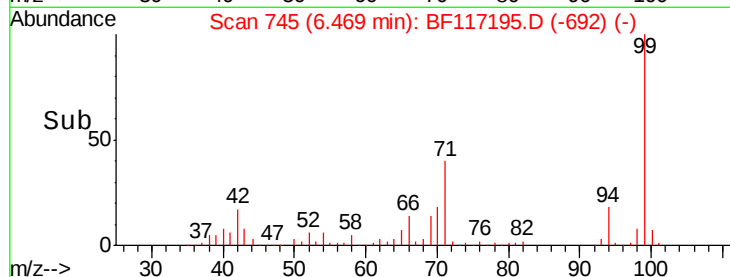
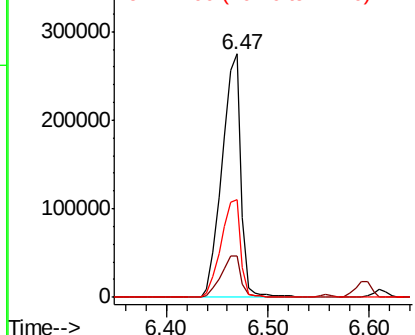
Tot Ion:	99	Resp:	357383
Ion Ratio	Lower	Upper	
99	100		
42	16.8	12.2	18.2
71	40.2	29.8	44.8

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Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 44.264 ng

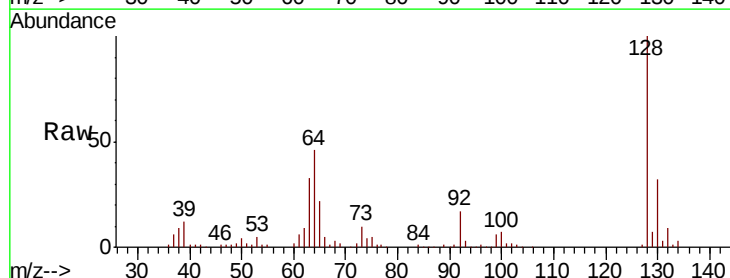
RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

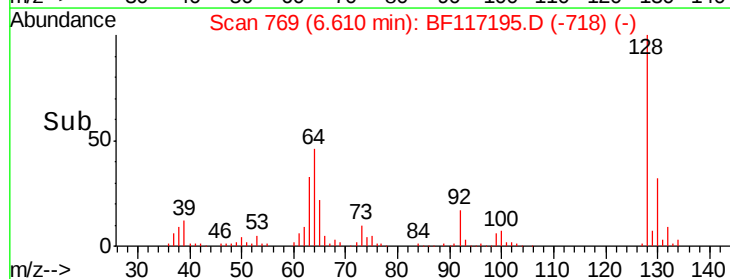
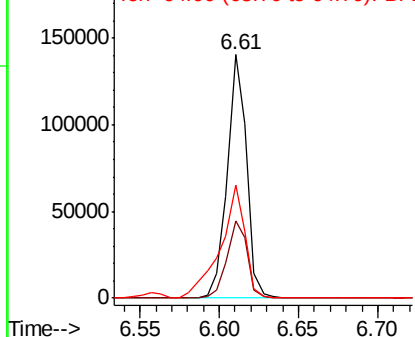
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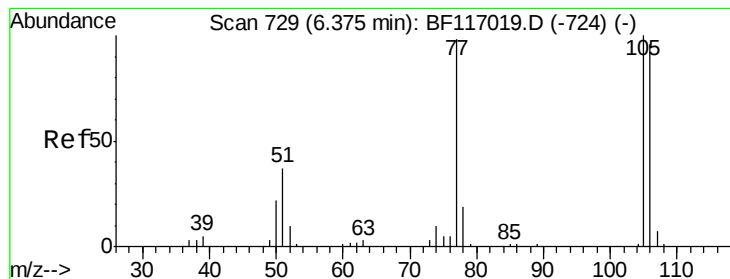
Acq: 20 Sep 2019 19:36

Tgt Ion:	128	Resp:	118553
Ion Ratio	Lower	Upper	
128	100		
130	31.6	11.8	51.8
64	46.2	25.0	65.0



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.538 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Instrument :

BNA_F

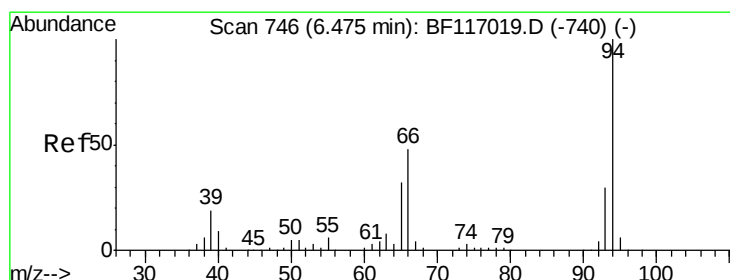
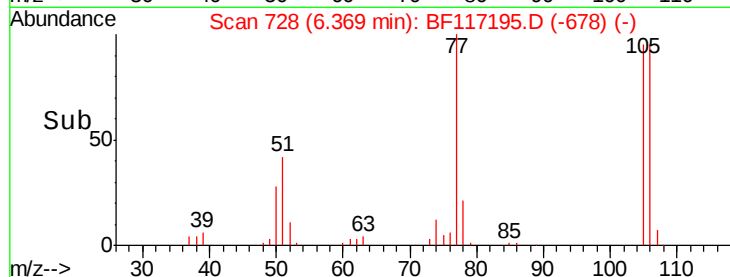
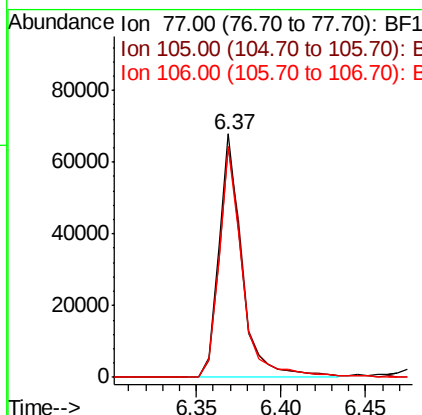
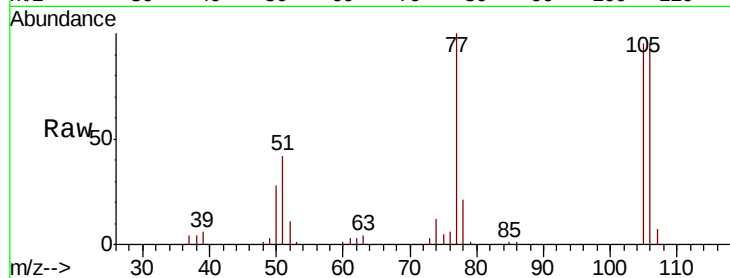
ClientSampleId :

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Tot Ion:	77	Resp:	64786
Ion	Ratio	Lower	Upper
77	100		
105	95.1	81.8	121.8
106	94.6	77.3	117.3

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#10

Phenol

Concen: 43.095 ng

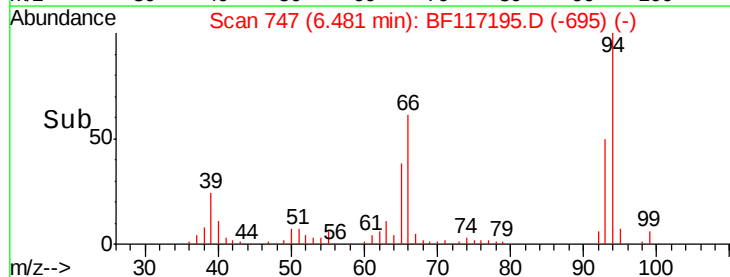
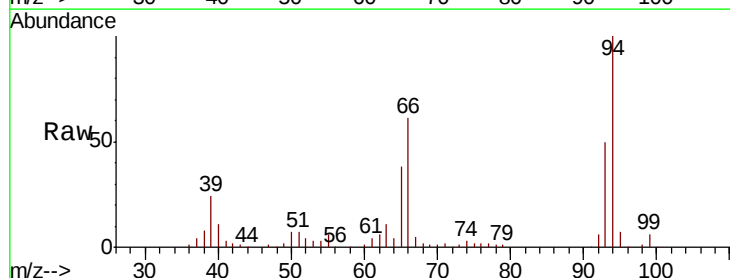
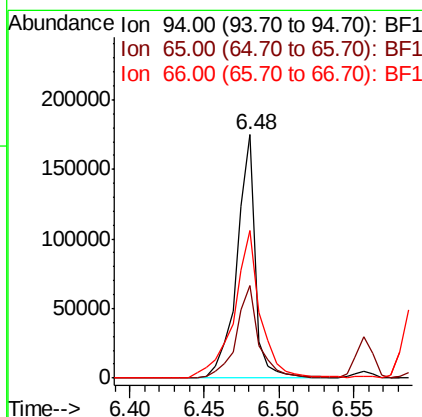
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Tgt Ion:	94	Resp:	152432
Ion	Ratio	Lower	Upper
94	100		
65	38.1	12.5	52.5
66	60.7	28.9	68.9





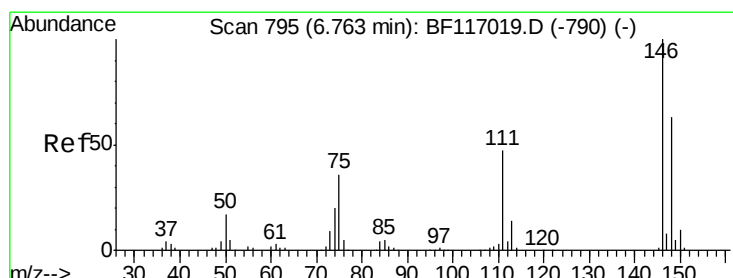
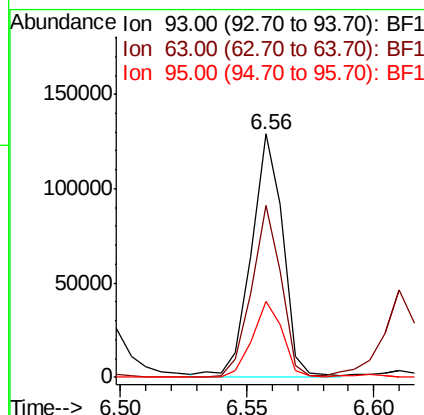
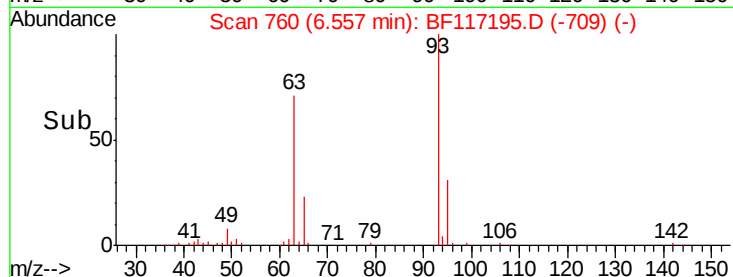
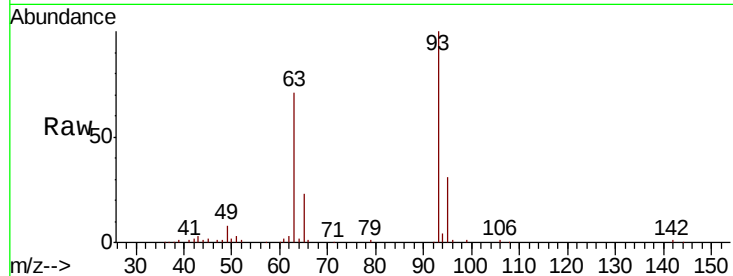
#11
bis(2-Chloroethyl)ether
Concen: 43.226 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		112373		
63	70.8	49.3	89.3		
95	31.3	11.5	51.5		

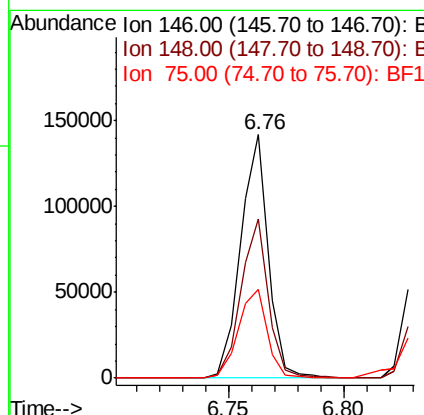
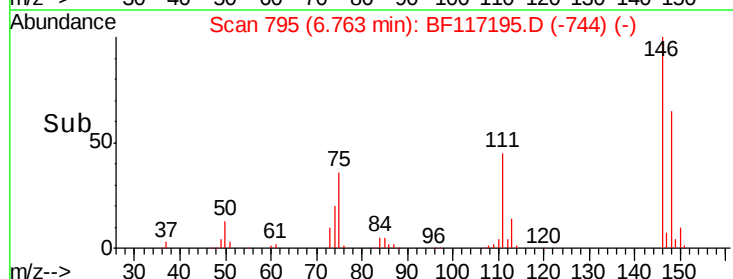
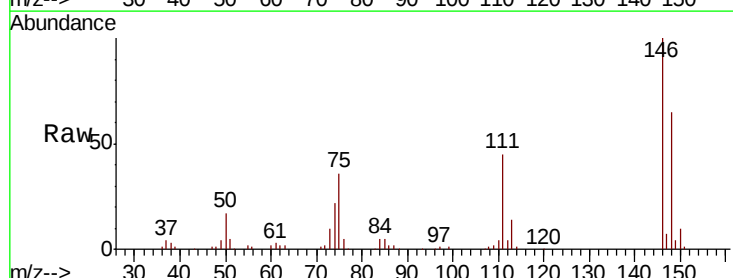
Manual Integrations
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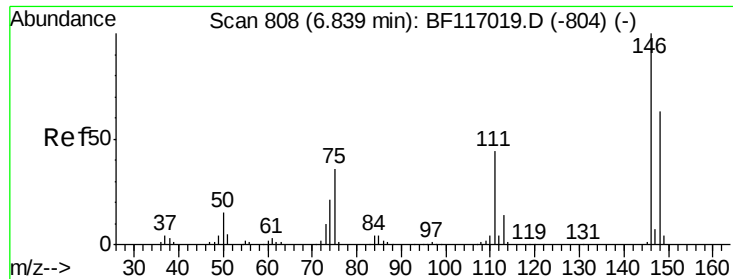
mohammad
9/24/2019 9:12:43 AM



#12
1,3-Dichlorobenzene
Concen: 39.425 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		118490		
148	65.3	50.8	76.2		
75	36.2	28.7	43.1		





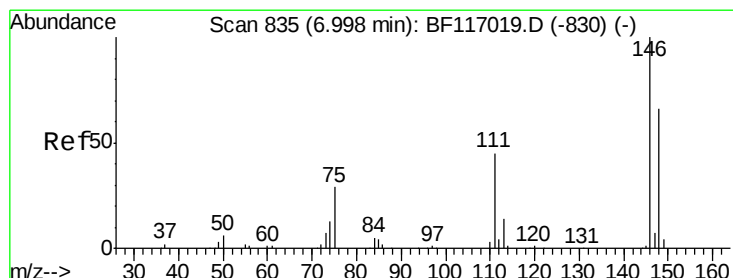
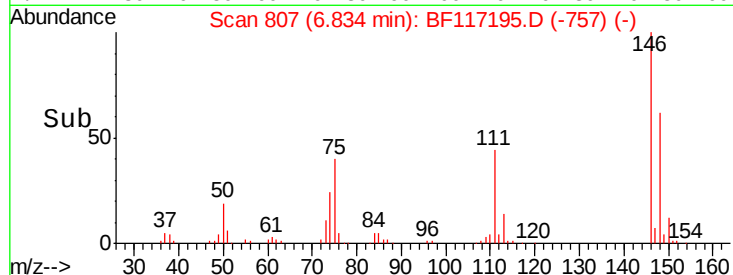
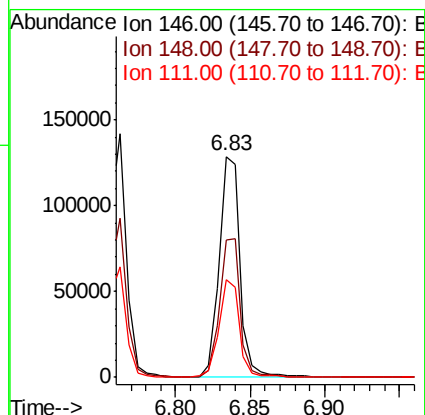
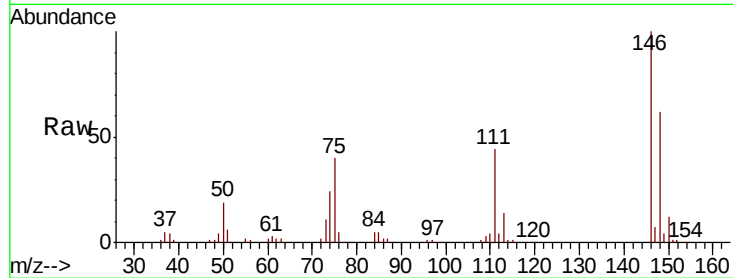
#13
1,4-Dichlorobenzene
Concen: 41.279 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	50.6	76.0
111	44.3	35.0	52.6

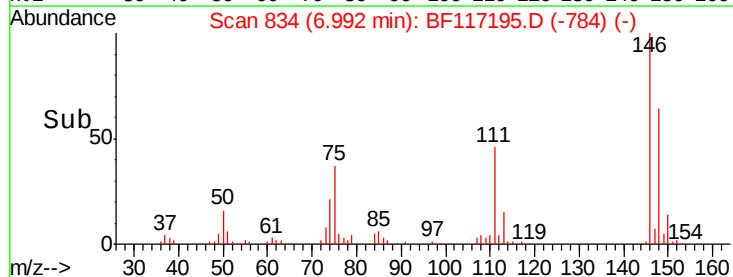
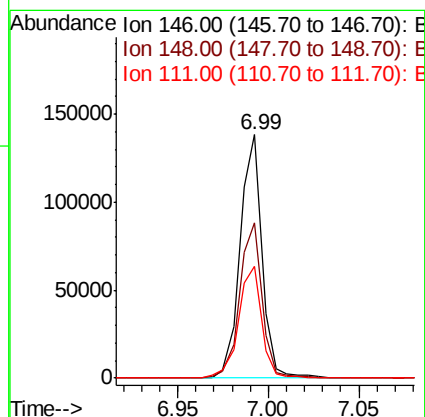
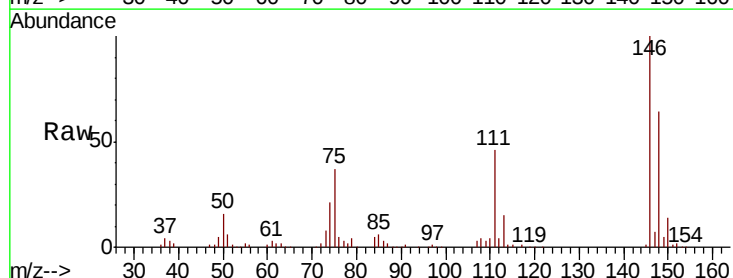
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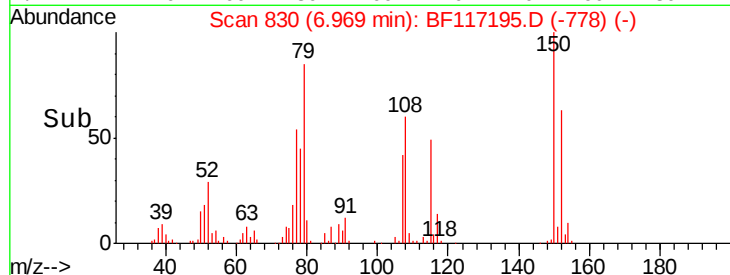
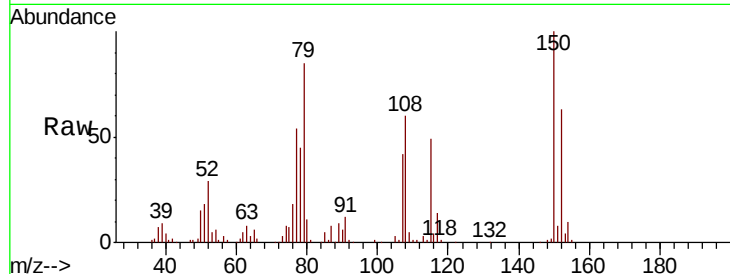
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#14
1,2-Dichlorobenzene
Concen: 40.815 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.6	78.8
111	45.9	36.2	54.2





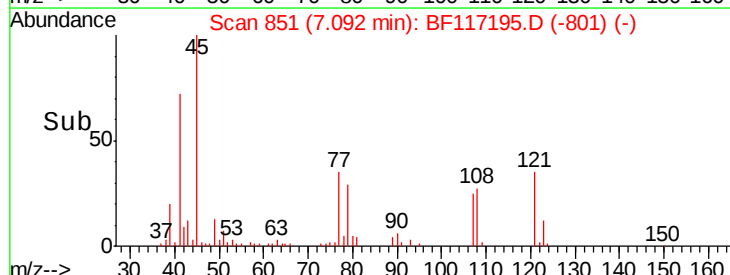
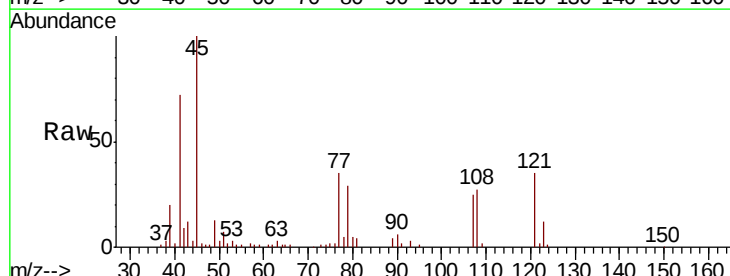
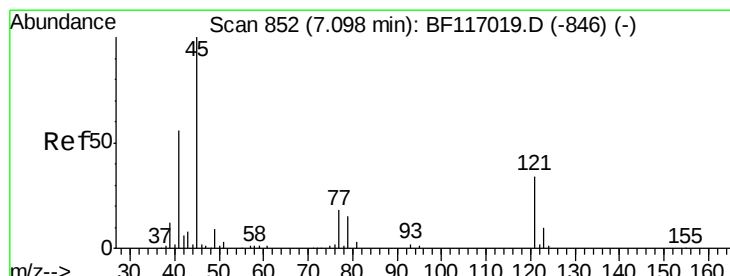
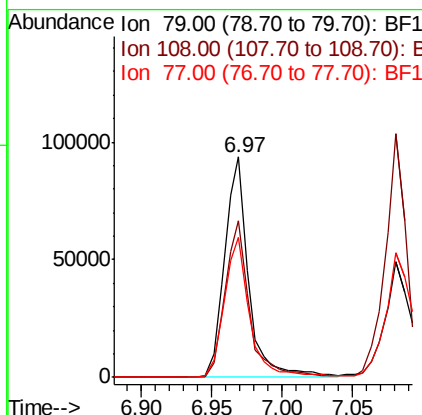
#15
Benzyl Alcohol
Concen: 45.244 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tot Ion	Ratio	Lower	Upper
79	100		
108	71.3	59.4	89.0
77	63.6	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
PB123268BS

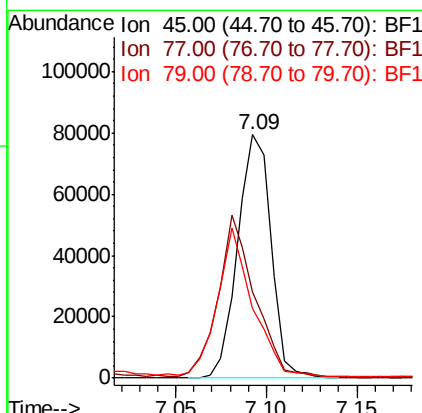
Manual Integrations
APPROVED

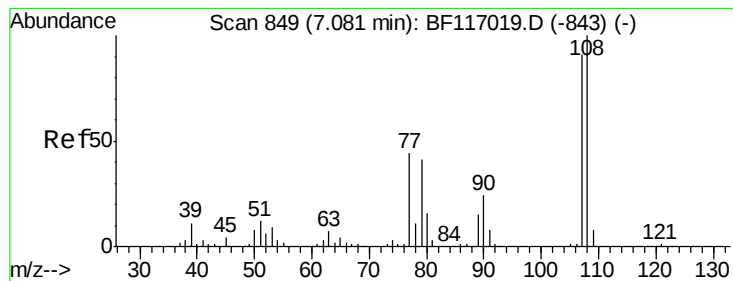
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.497 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	35.3	2.7	42.7
79	28.8	0.0	38.9





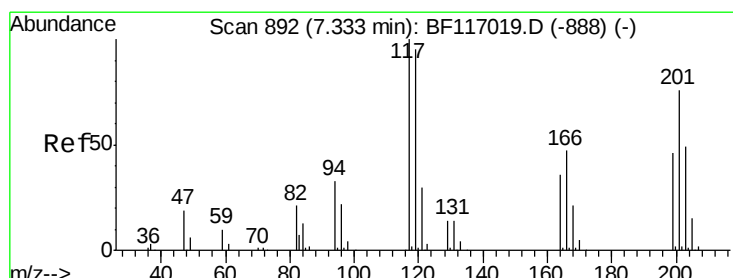
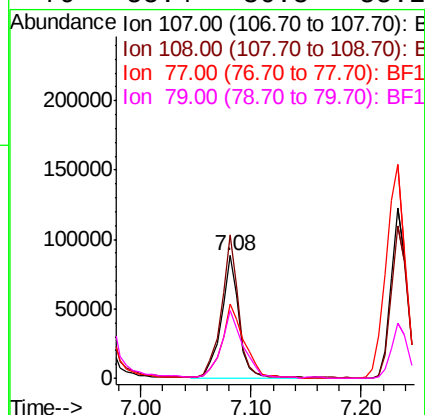
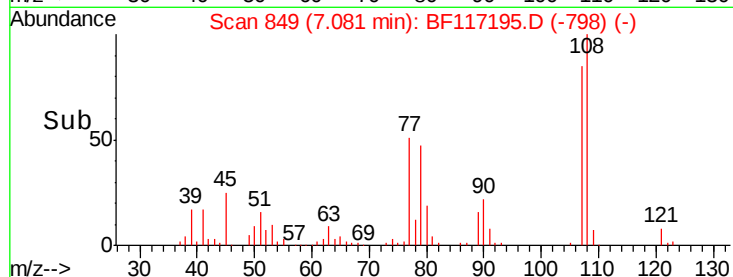
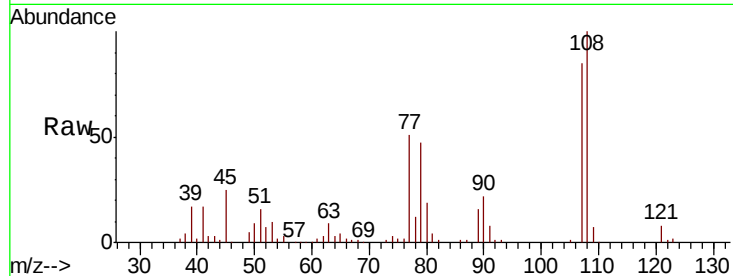
#17
2-Methylphenol
Concen: 44.346 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
107	100		
108	117.4	87.7	131.5
77	60.2	38.6	58.0
79	55.4	36.8	55.2

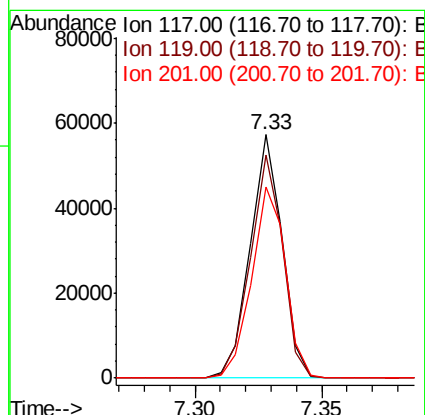
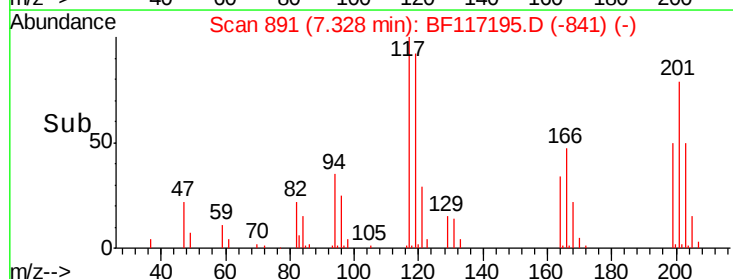
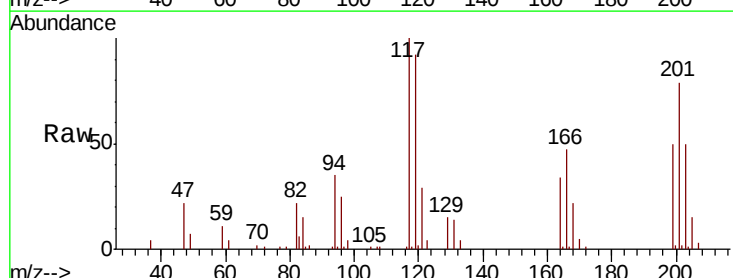
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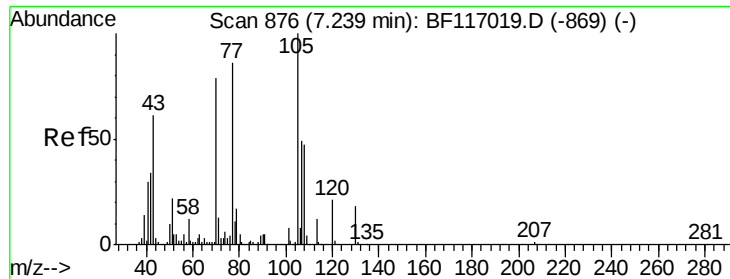
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#18
Hexachloroethane
Concen: 42.723 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.8	113.8
201	78.7	60.9	91.3





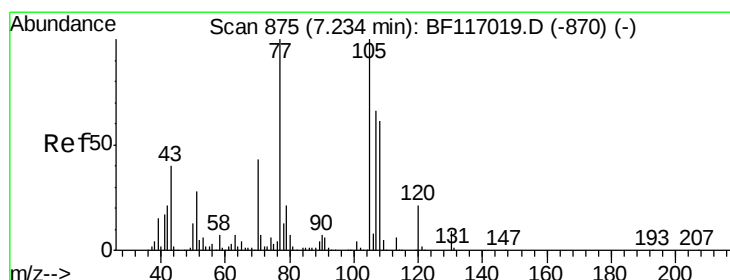
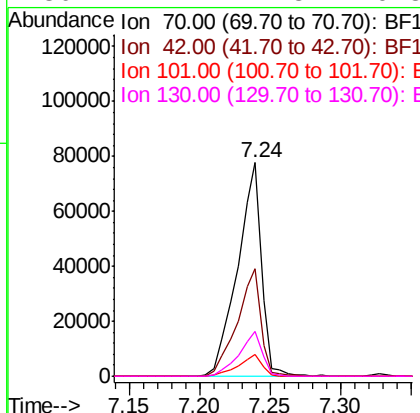
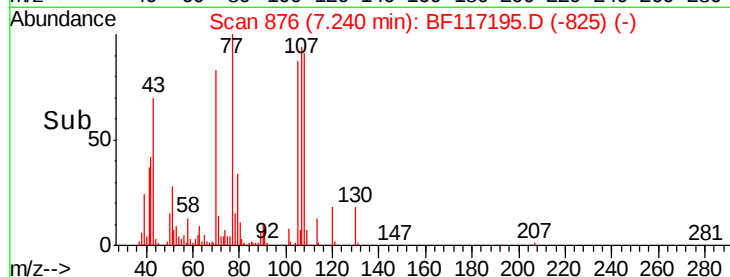
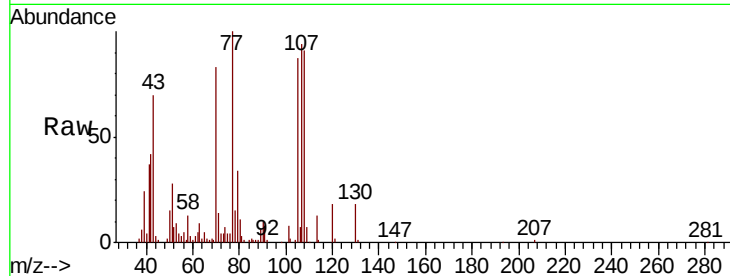
#19
n-Nitroso-di-n-propylamine
Concen: 46.880 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.2	34.0	51.0
101	10.1	7.8	11.6
130	21.2	17.8	26.8

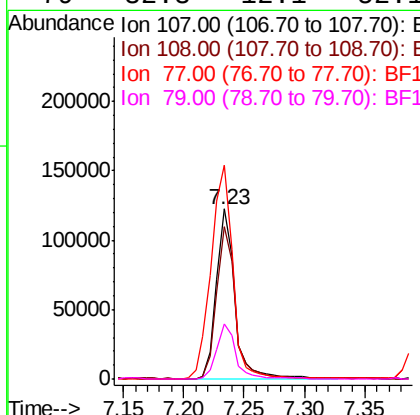
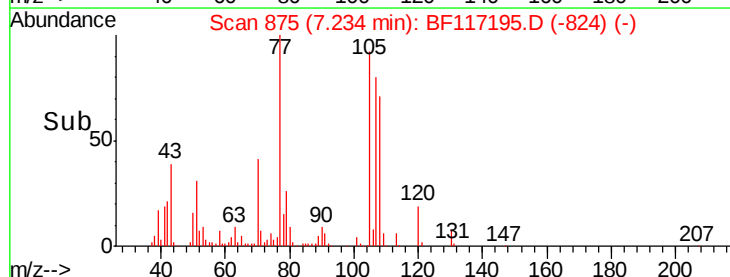
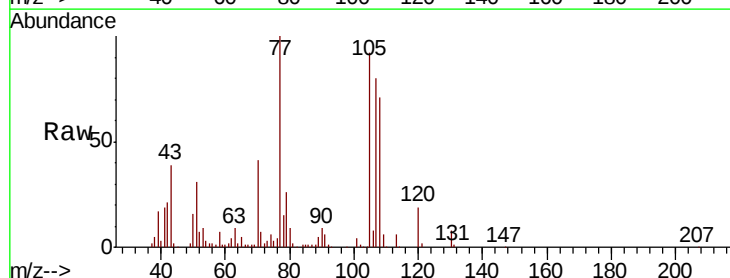
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#20
3+4-Methylphenols
Concen: 46.308 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.8	72.6	112.6
77	125.7	132.1	172.1#
79	32.3	12.1	52.1





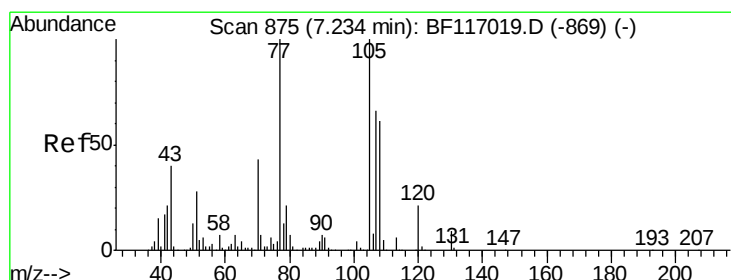
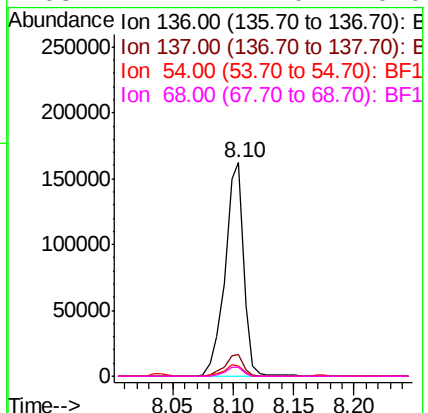
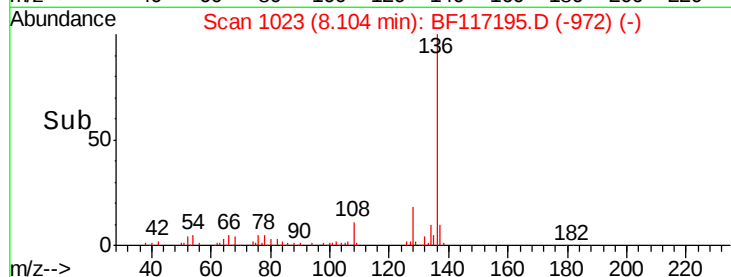
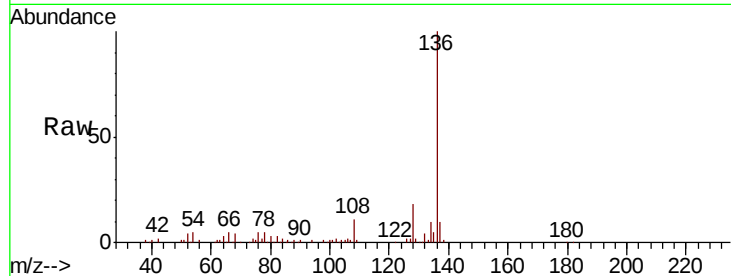
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	173442		
137	10.3	9.0	13.4	
54	5.0	4.5	6.7	
68	4.2	4.0	6.0	

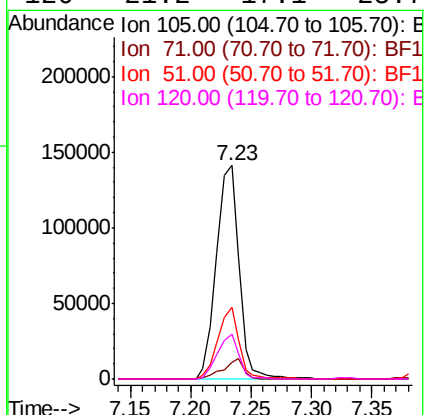
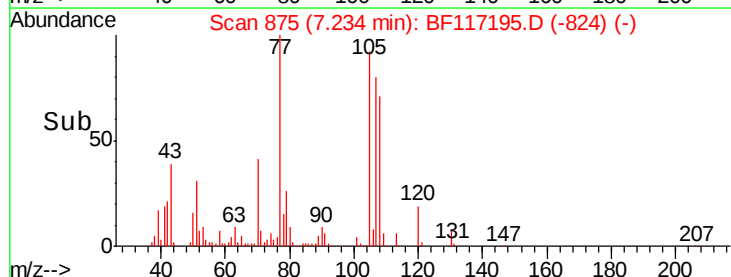
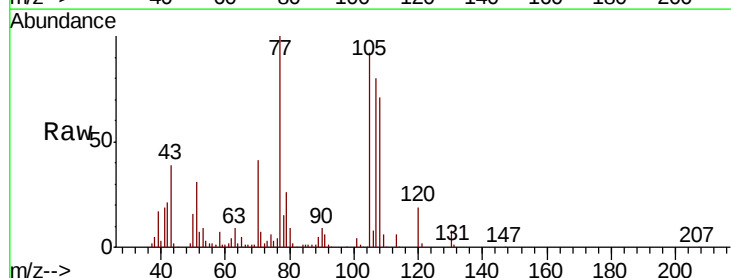
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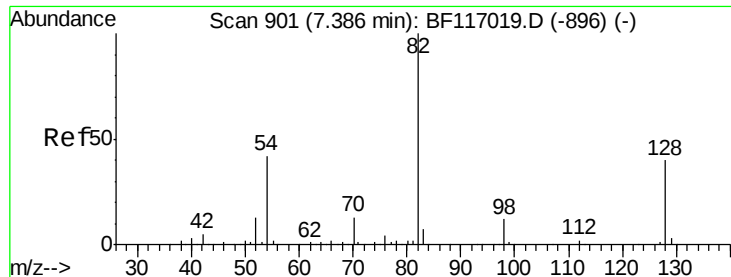
mohammad
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#22
Acetophenone
Concen: 41.773 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	184076		
71	7.6	5.7	8.5	
51	33.6	22.1	33.1#	
120	21.2	17.1	25.7	





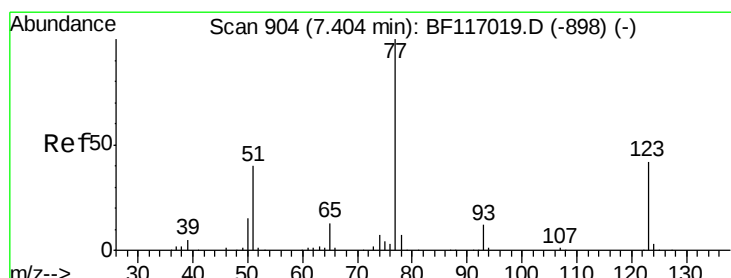
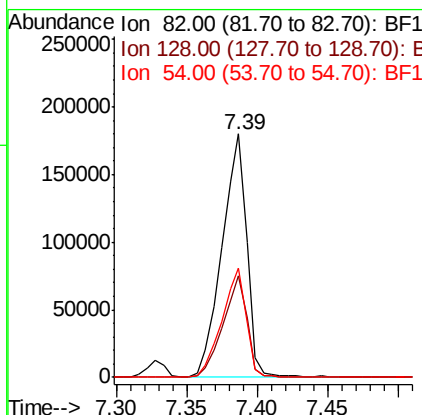
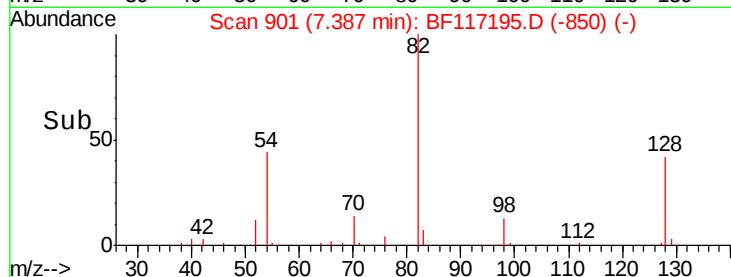
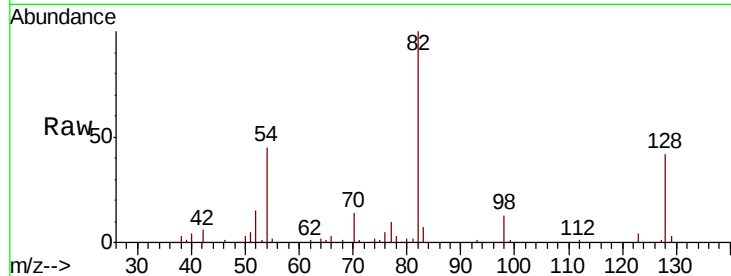
#23
Nitrobenzene-d5
Concen: 66.584 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	219792		
128	41.8	32.3	48.5	
54	44.7	33.3	49.9	

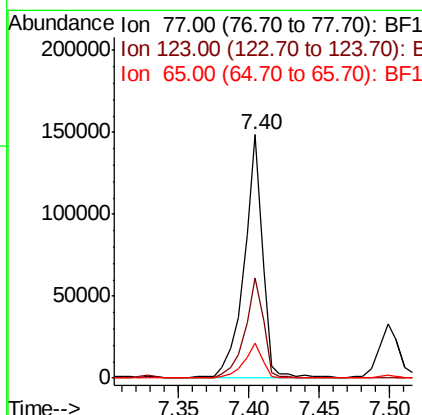
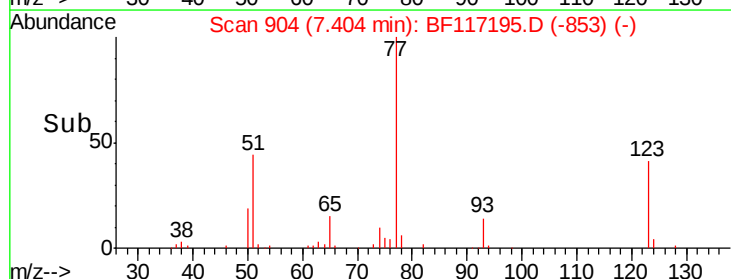
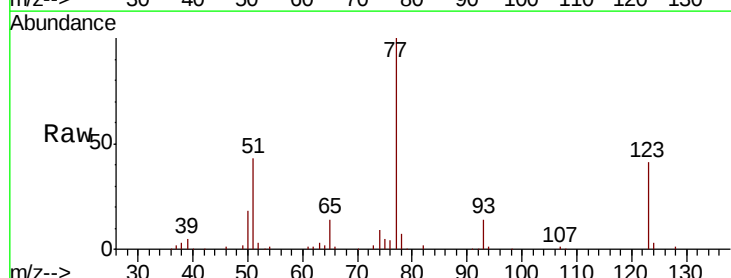
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#24
Nitrobenzene
Concen: 40.812 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	133041		
123	41.0	33.5	50.3	
65	14.1	10.5	15.7	





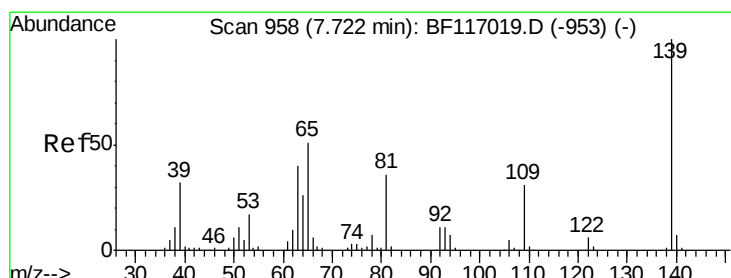
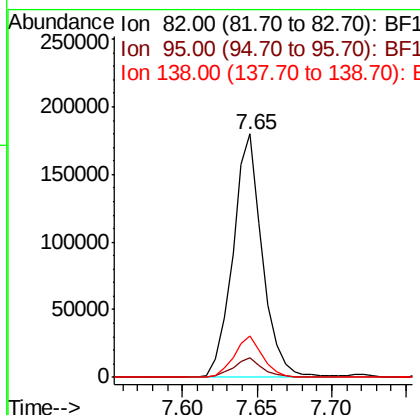
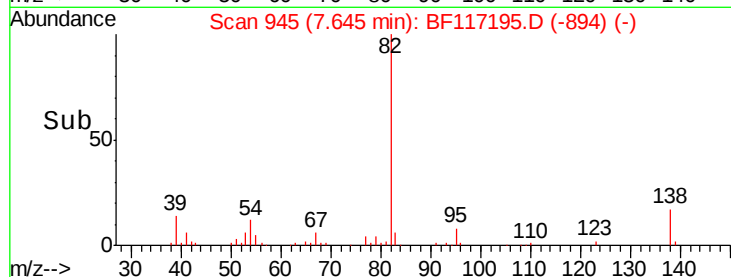
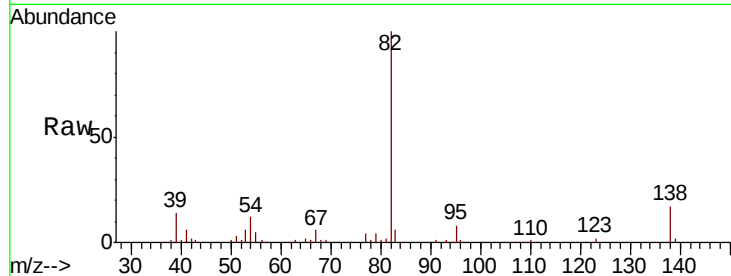
#25
Isophorone
Concen: 42.304 ng
RT: 7.65 min Scan# 945
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	247252		
95	8.0		5.8	8.6
138	16.8		13.5	20.3

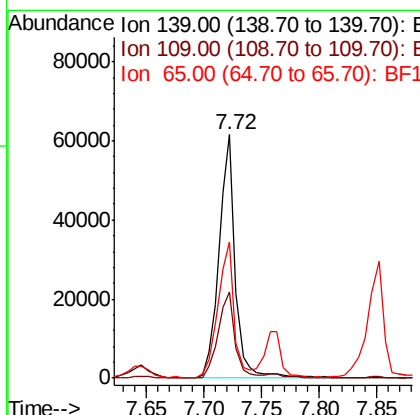
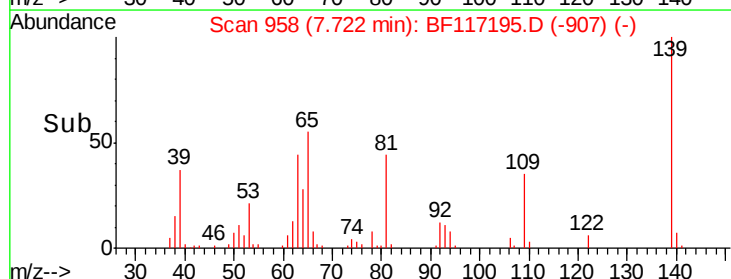
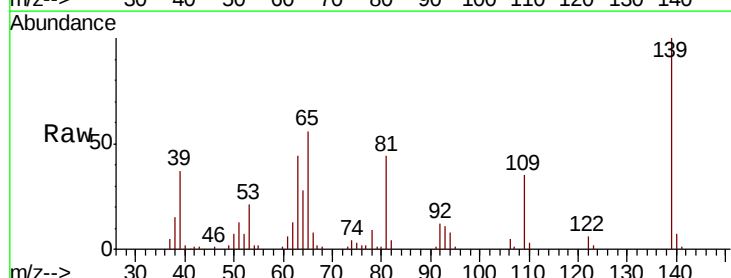
Manual Integrations
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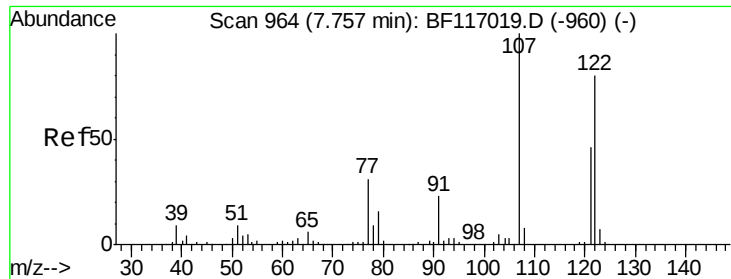
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#26
2-Nitrophenol
Concen: 43.151 ng
RT: 7.72 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	60421		
109	35.4		24.6	36.8
65	56.0		40.9	61.3





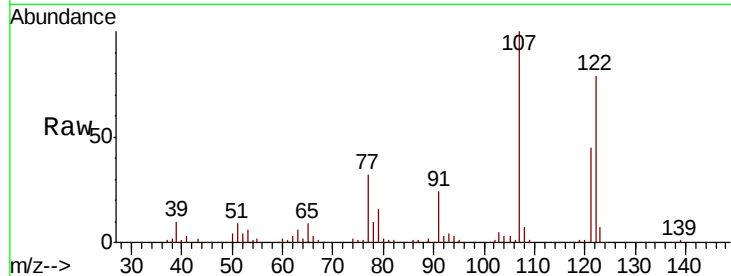
#27
 2,4-Dimethylphenol
 Concen: 47.059 ng
 RT: 7.76 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100		104493		
107	126.8	98.9	148.3		
121	56.8	45.3	67.9		

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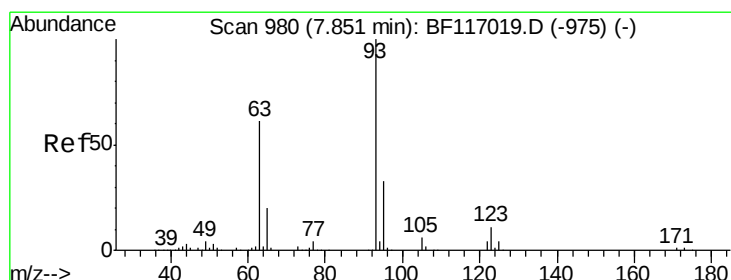
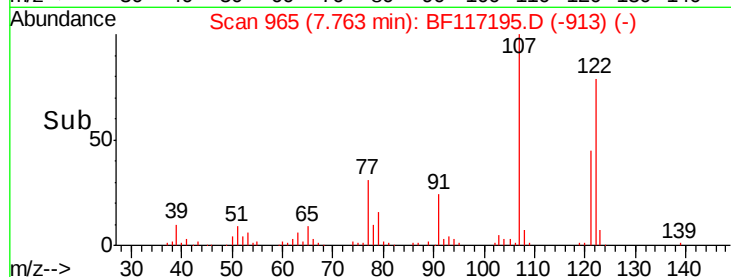
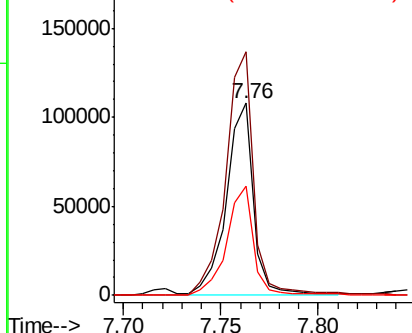


Abundance

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: 39.496 ng
 RT: 7.85 min Scan# 980
 Delta R.T. 0.00 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

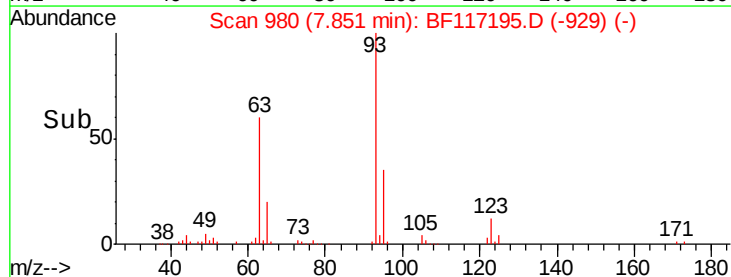
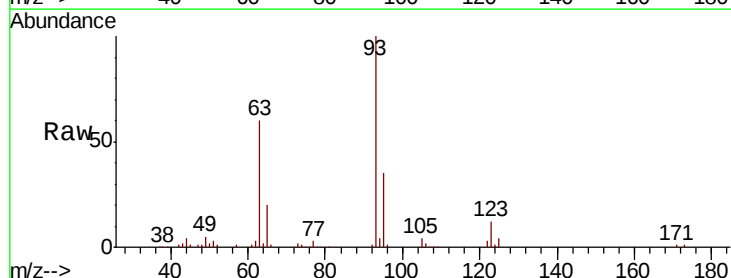
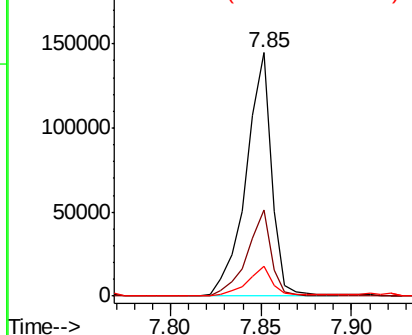
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100		142225		
95	35.4	26.2	39.4		
123	12.3	9.0	13.6		

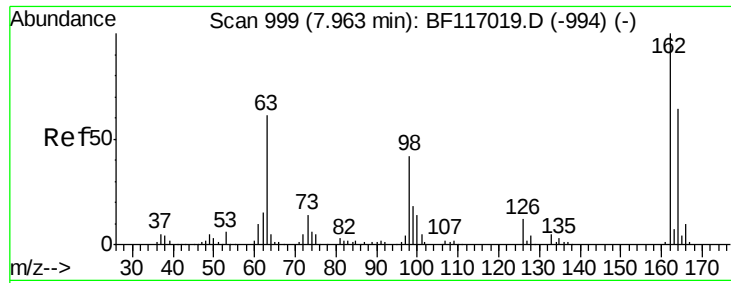
Abundance

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





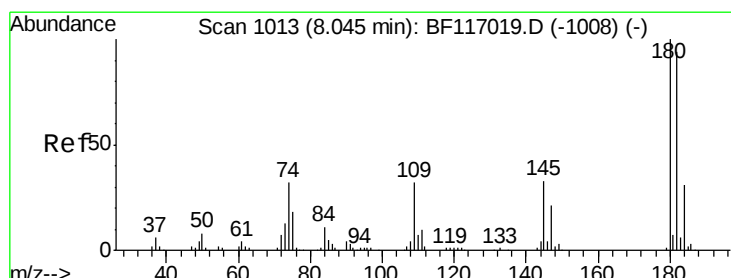
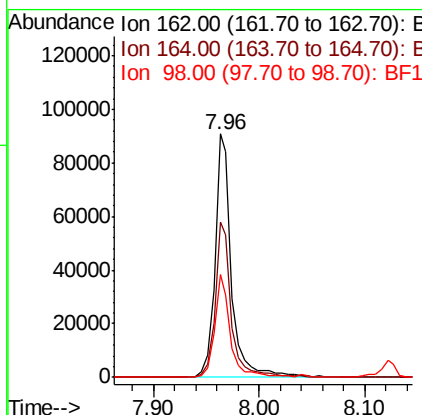
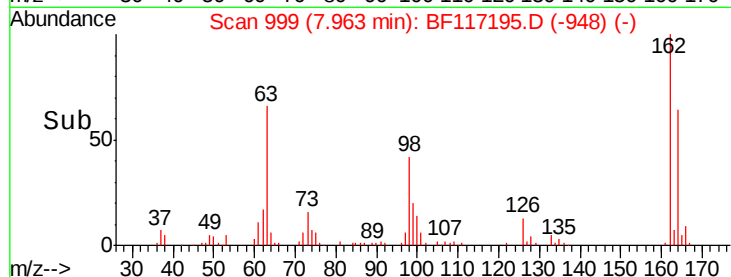
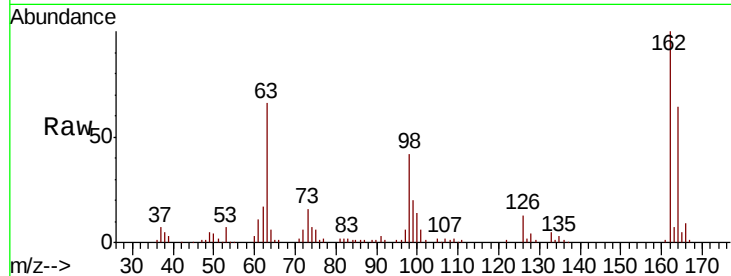
#29
2,4-Dichlorophenol
Concen: 43.145 ng
RT: 7.96 min Scan# 999
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		100383		
164	64.0	43.8	83.8		
98	42.1	22.1	62.1		

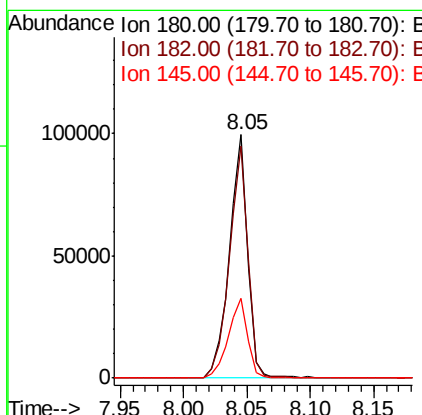
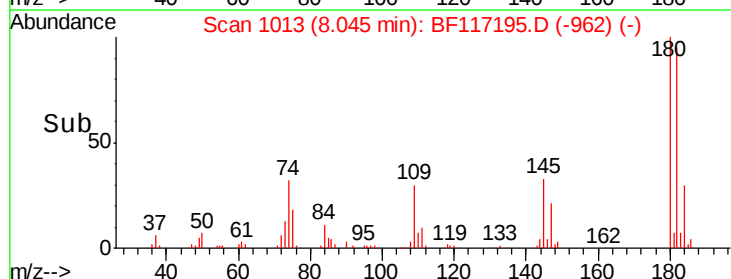
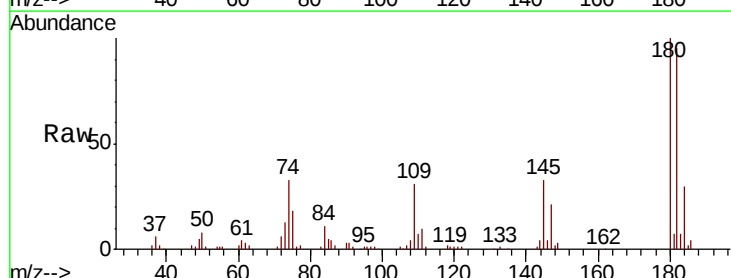
Manual Integrations
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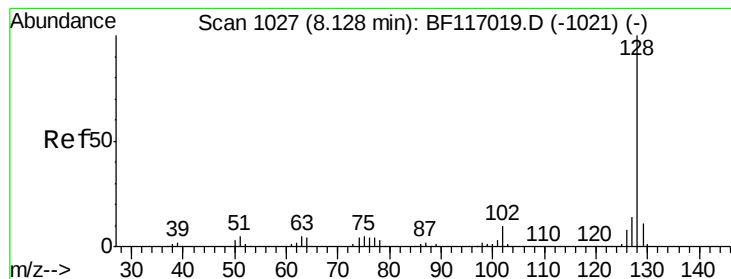
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.374 ng
RT: 8.05 min Scan# 1013
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		98972		
182	95.4	75.4	113.0		
145	33.0	26.7	40.1		





#31

Naphthalene

Concen: 41.084 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Instrument :

BNA_F

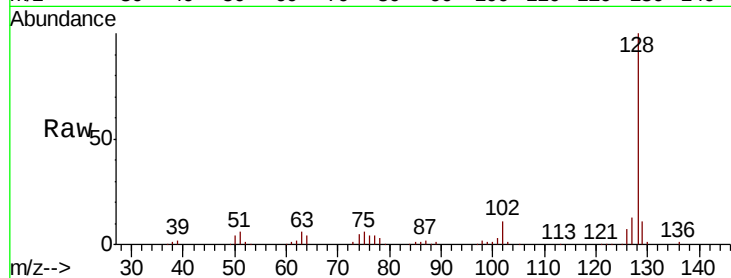
ClientSampleId :

PB123268BS

Tot Ion:	128	Resp:	342700
Ion Ratio	Lower	Upper	
128	100		
129	11.0	9.0	13.4
127	13.3	10.8	16.2

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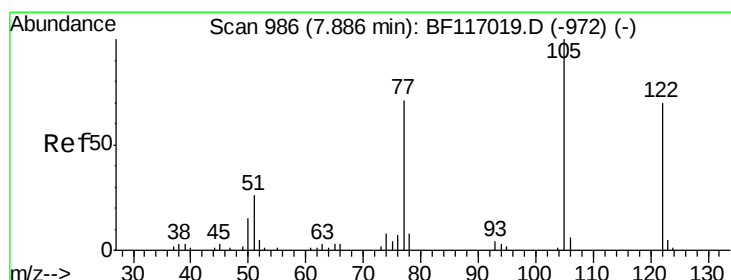
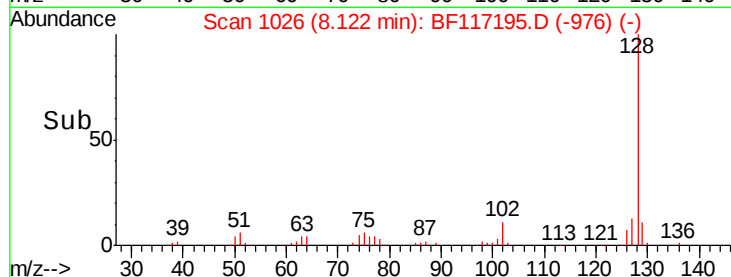
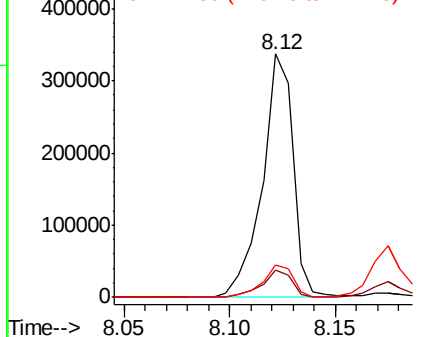


Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.414 ng

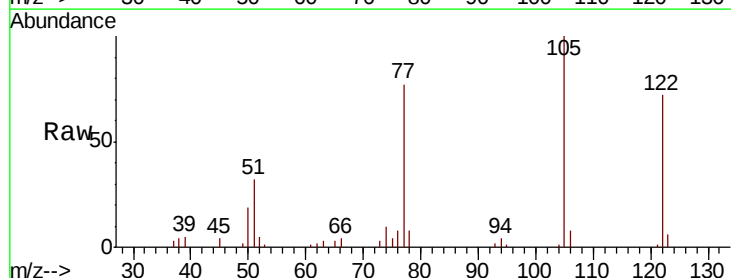
RT: 7.92 min Scan# 992

Delta R.T. 0.04 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Tgt Ion:	122	Resp:	57959
Ion Ratio	Lower	Upper	
122	100		
105	138.9	114.8	154.8
77	106.9	78.7	118.7

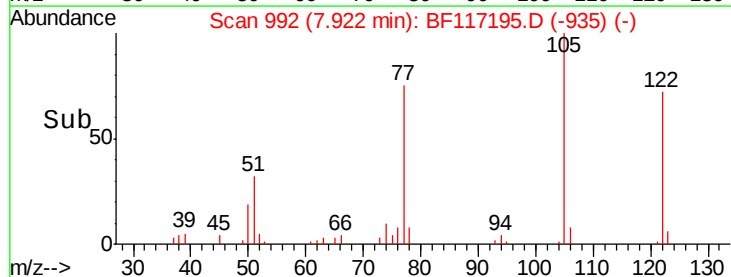
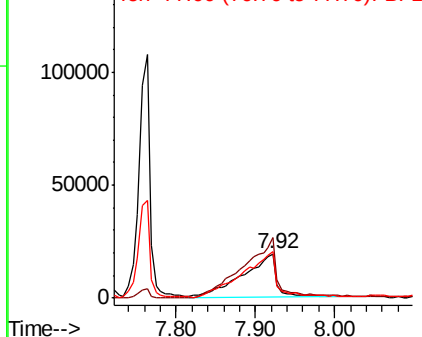


Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





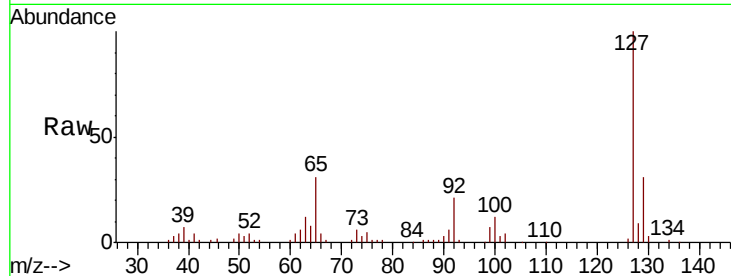
#33
4-Chloroaniline
Concen: 22.780 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampled :
PB123268BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		84281		
129	31.0	26.2	39.2		
65	31.0	23.5	35.3		
92	20.6	15.9	23.9		

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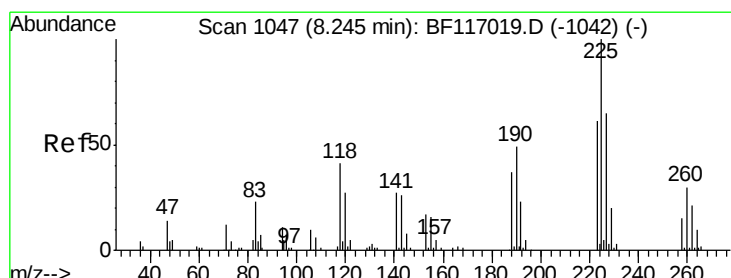
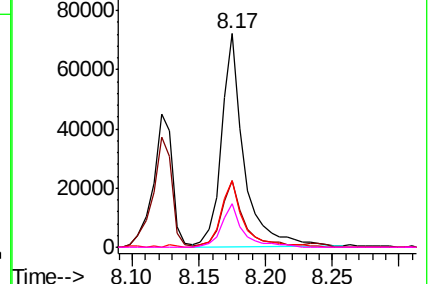
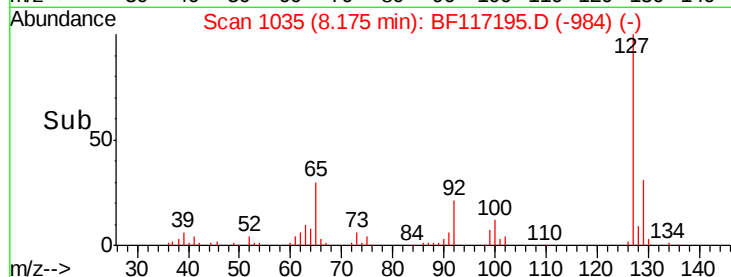
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

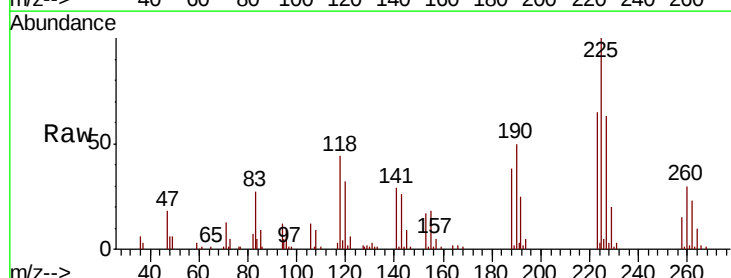
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.006 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		59905		
223	64.7	49.1	73.7		
227	63.5	52.2	78.2		

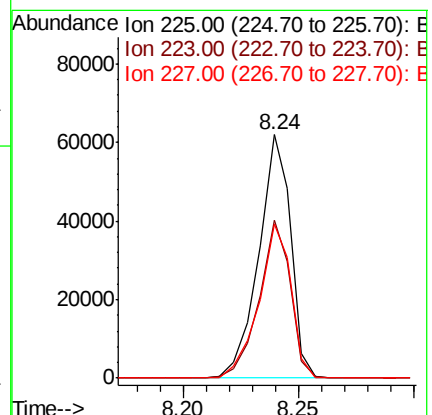
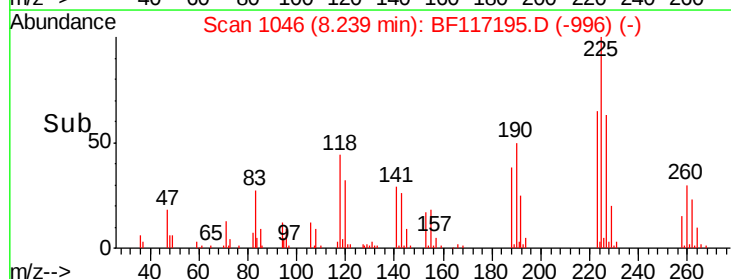


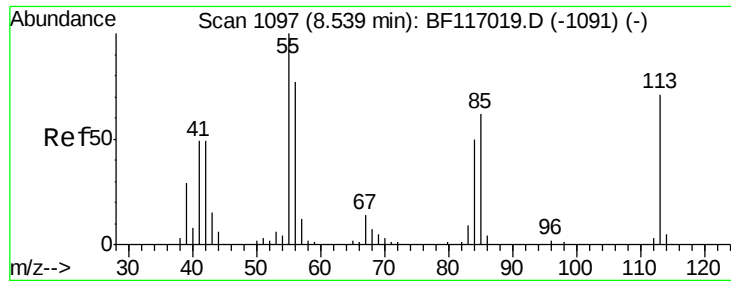
Abundance

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





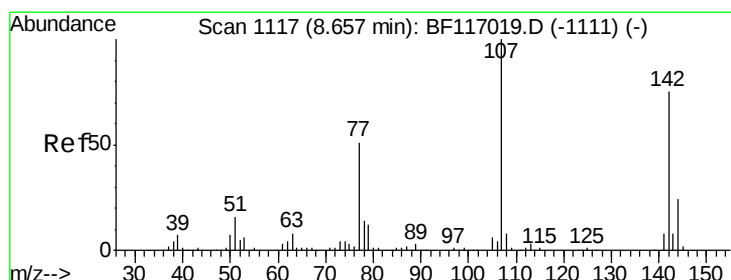
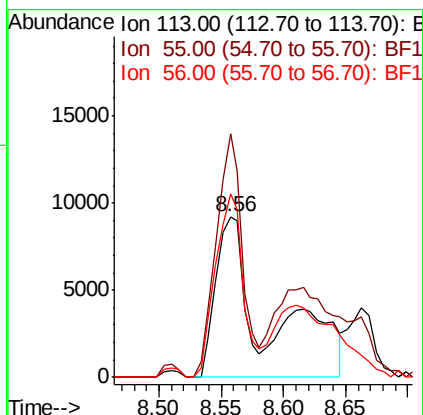
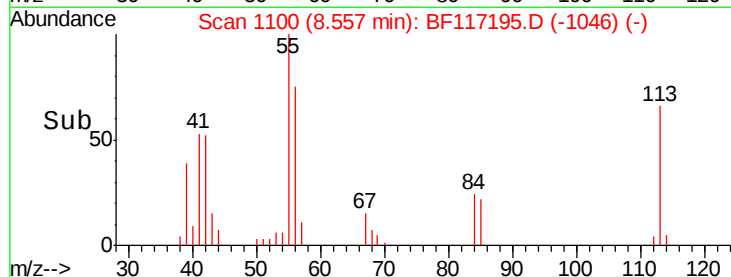
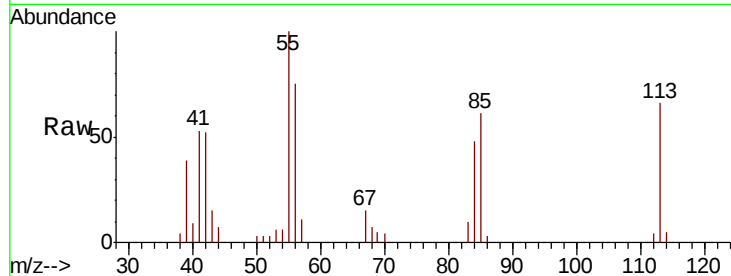
#35
Caprolactam
Concen: 33.659 ng/ml
RT: 8.56 min Scan# 1100
Delta R.T. 0.02 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.6	120.6	160.6
56	114.4	88.8	128.8

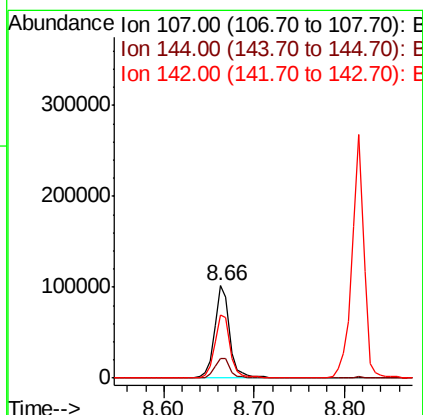
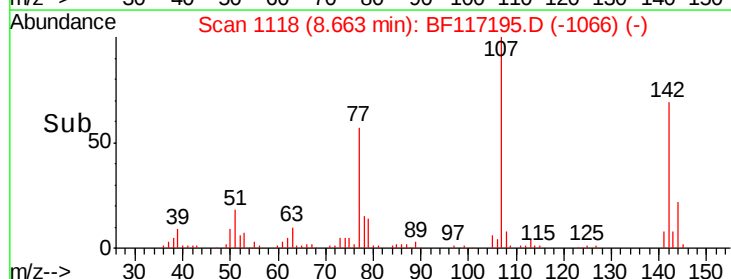
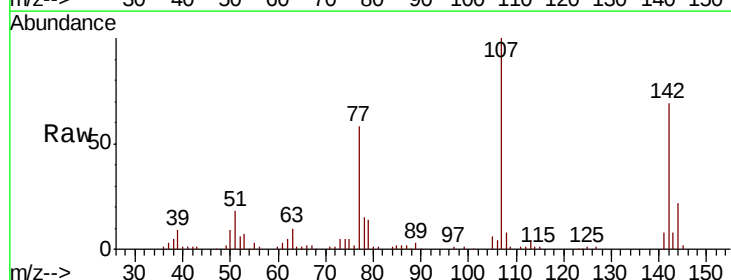
Manual Integrations
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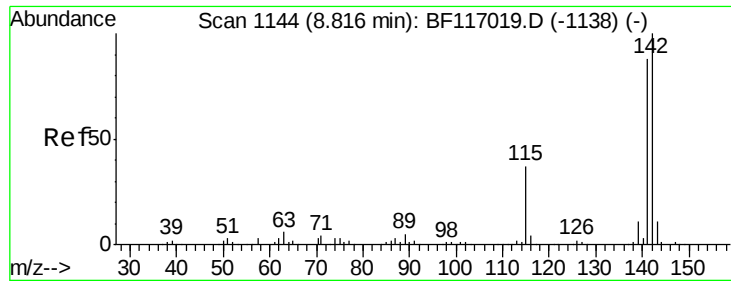
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#36
4-Chloro-3-methylphenol
Concen: 43.278 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	21.8	19.2	28.8
142	69.1	59.6	89.4





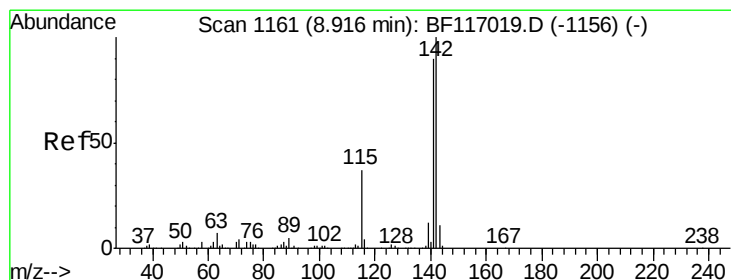
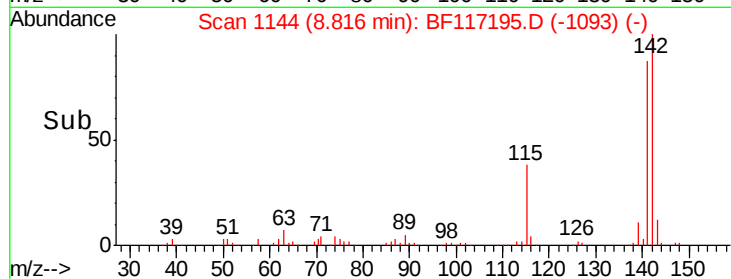
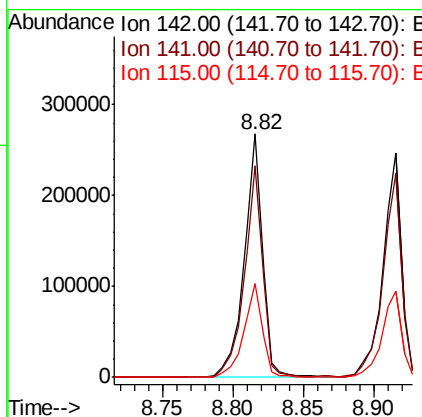
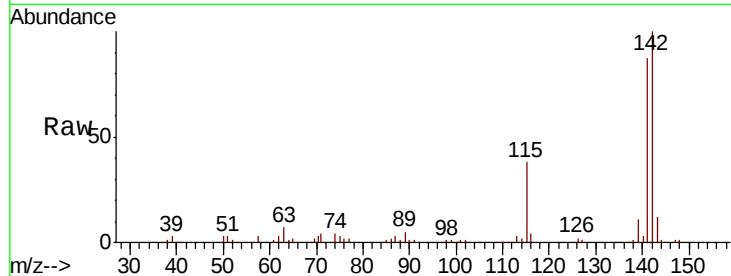
#37
2-Methylnaphthalene
Concen: 43.144 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.0	70.7	106.1
115	38.4	29.4	44.0

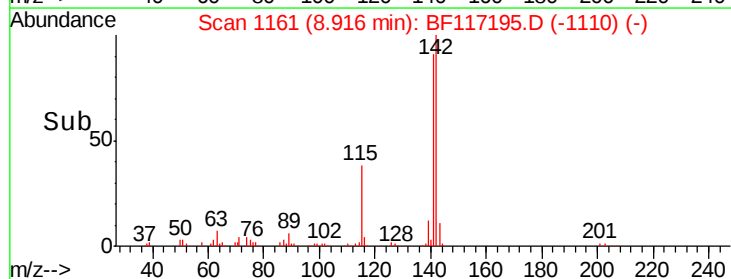
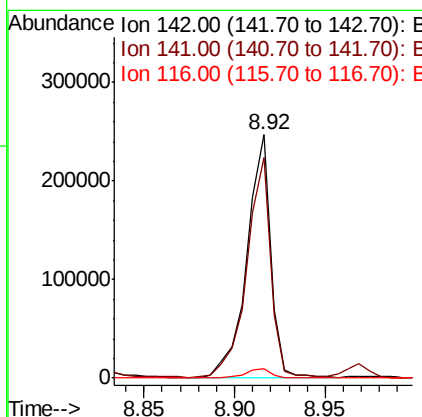
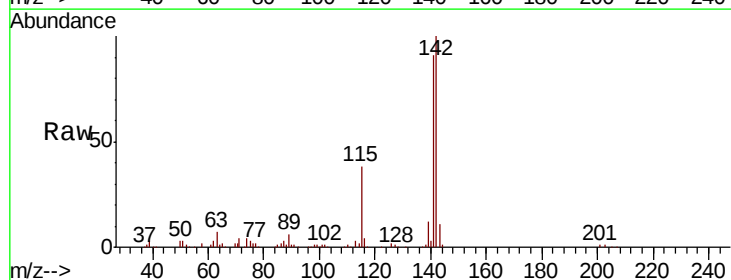
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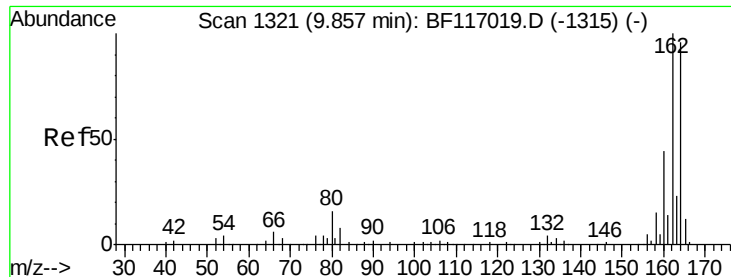
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#38
1-Methylnaphthalene
Concen: 42.546 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9
116	3.9	3.2	4.8





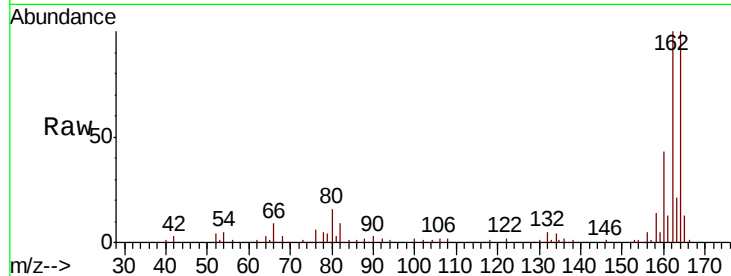
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampled :
PB123268BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.2	83.4	125.2
160	43.3	36.4	54.6

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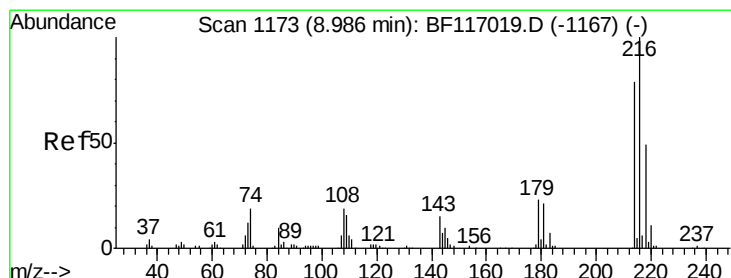
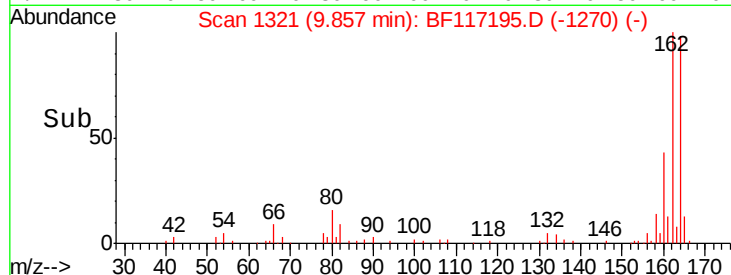
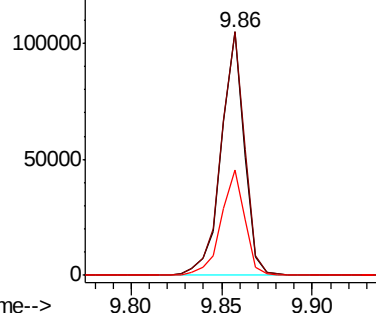


Abundance

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: 41.547 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.6	95.4
179	23.4	18.3	27.5
108	24.9	17.8	26.6

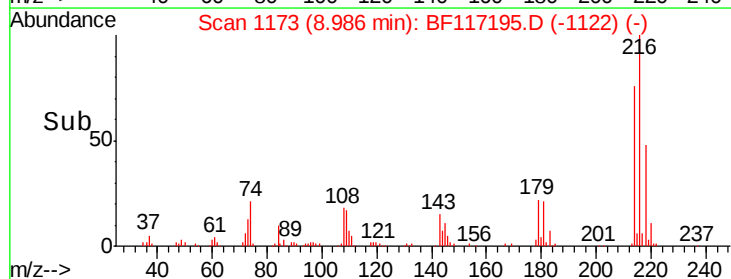
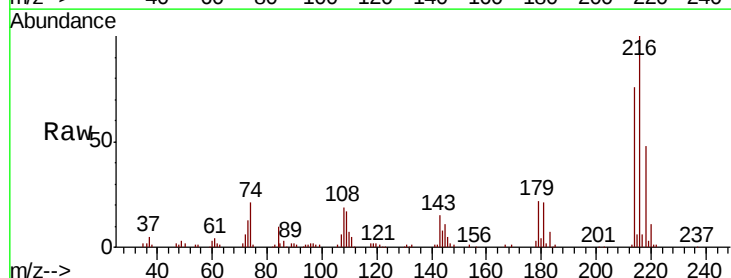
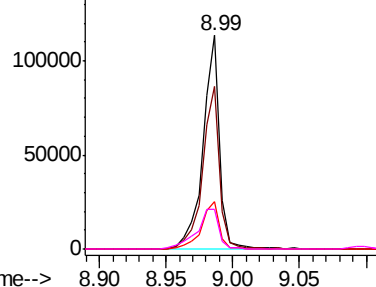
Abundance

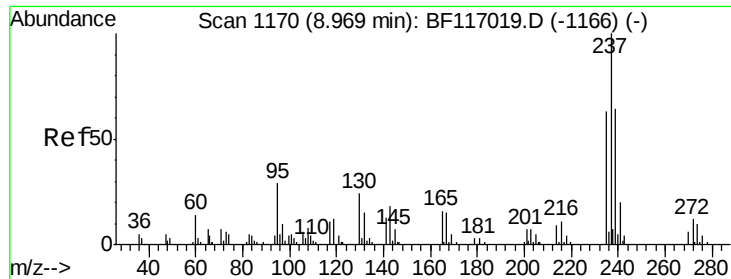
Ion 216.00 (215.70 to 216.70): E

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





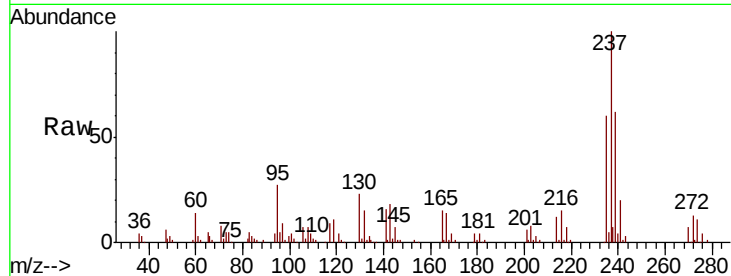
#41
Hexachlorocyclopentadiene
Concen: 78.171 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

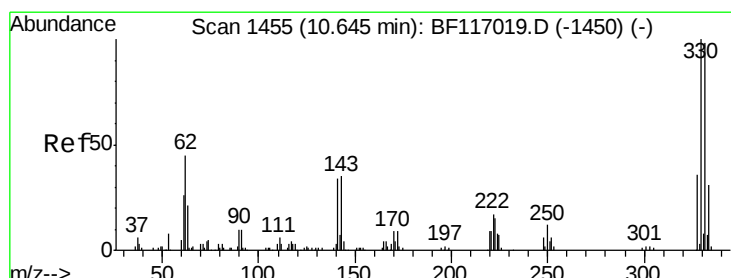
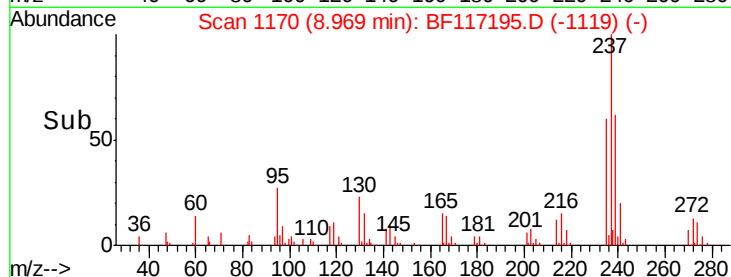
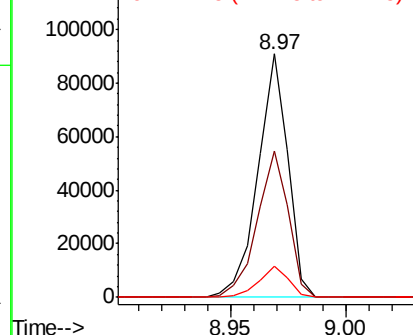
Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	60.3	43.2	83.2
272	12.6	0.0	31.9

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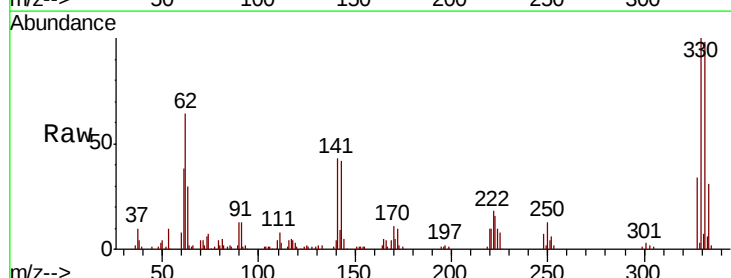


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

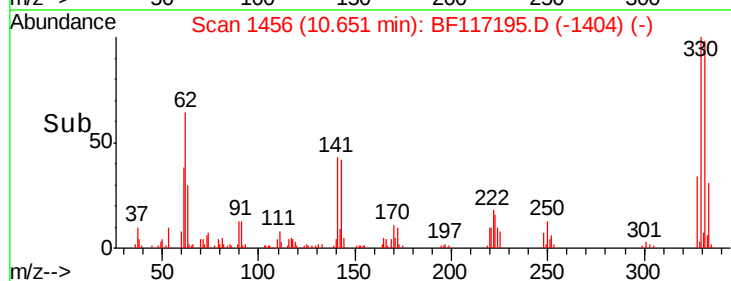
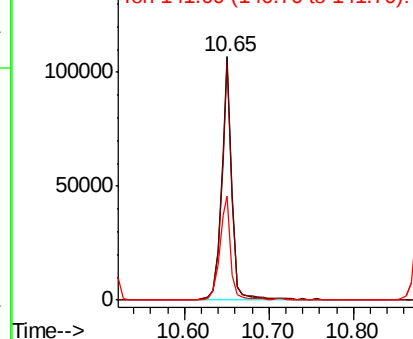


#42
2,4,6-Tribromophenol
Concen: 121.669 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	78.0	117.0
141	45.3	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





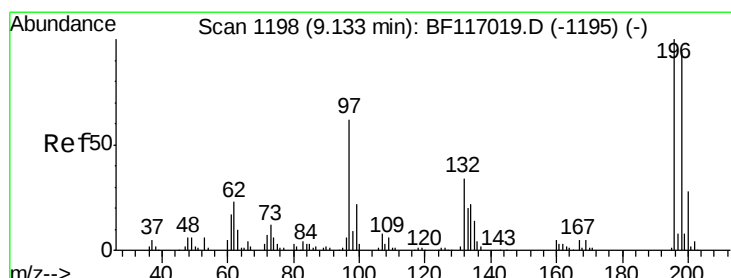
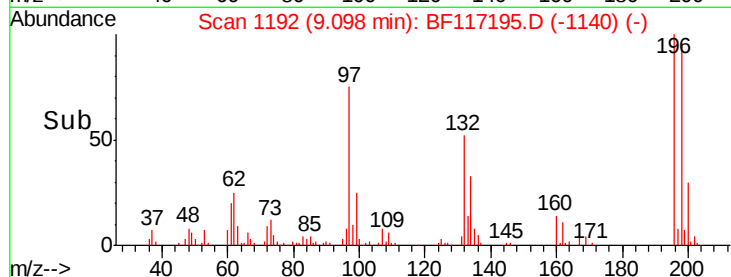
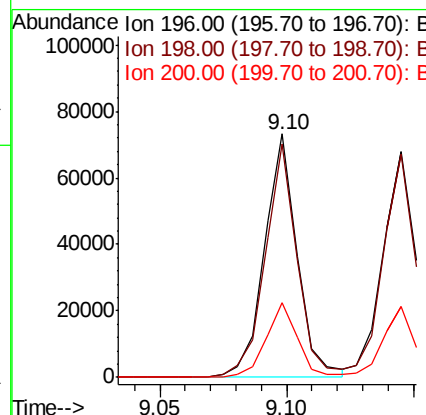
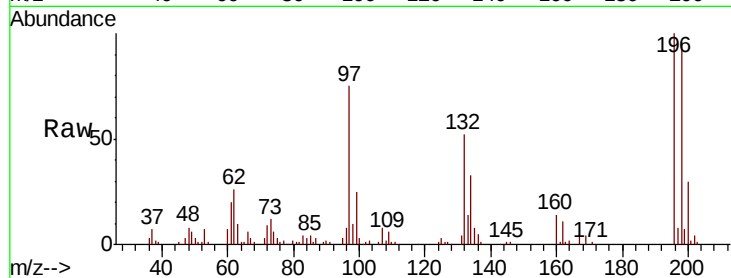
#43
 2,4,6-Trichlorophenol
 Concen: 40.620 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Instrument :
 BNA_F
 ClientSampleID :
 PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	66071		
198	96.0	75.7	113.5	
200	30.5	23.3	34.9	

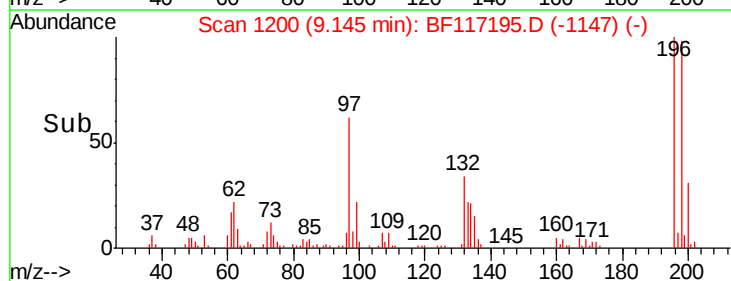
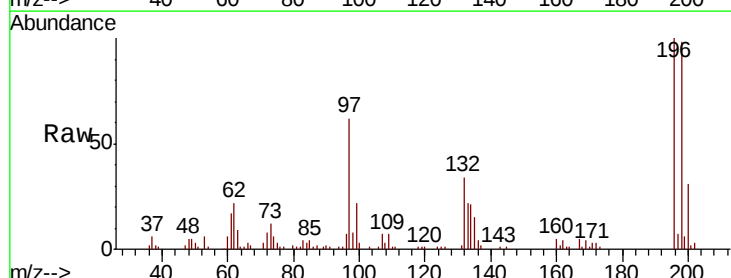
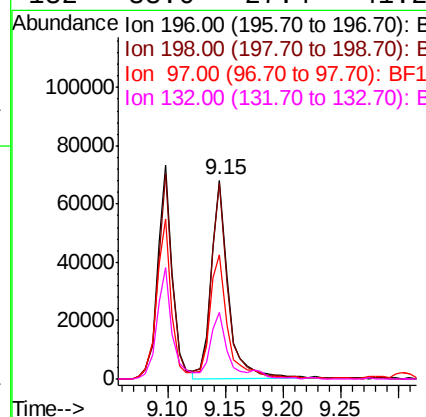
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#44
 2,4,5-Trichlorophenol
 Concen: 40.784 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	70876		
198	98.5	74.6	112.0	
97	62.5	49.5	74.3	
132	33.6	27.4	41.2	





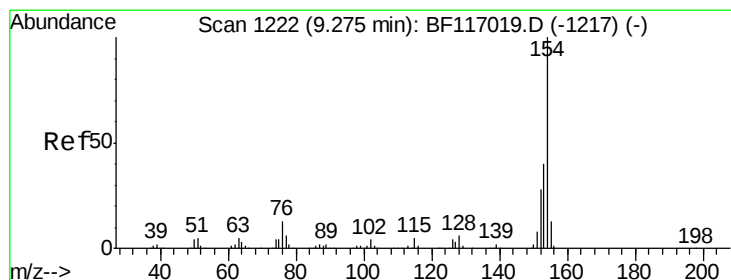
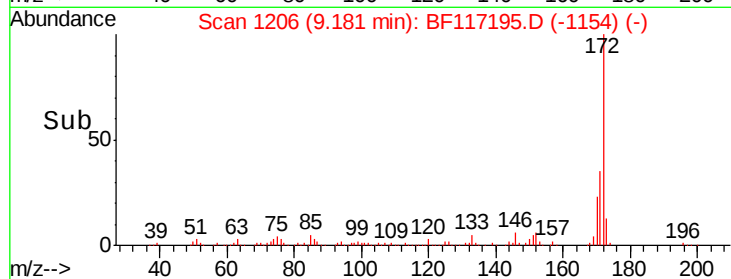
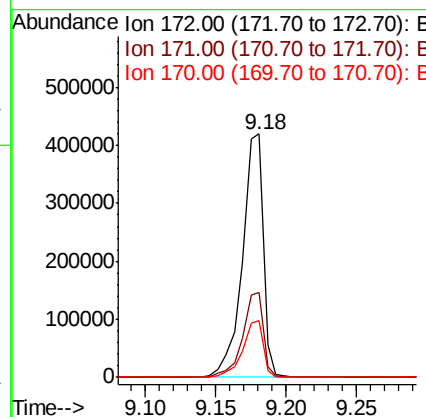
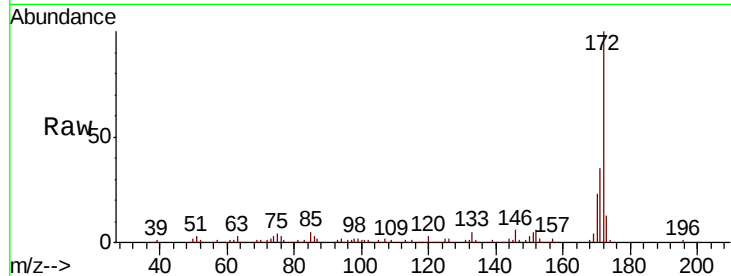
#45
2-Fluorobiphenyl
Concen: 73.124 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.2	42.2
170	23.2	18.9	28.3

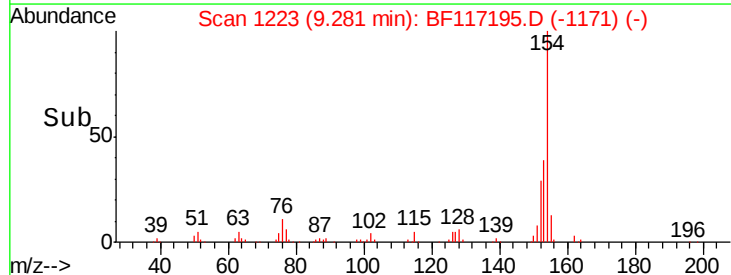
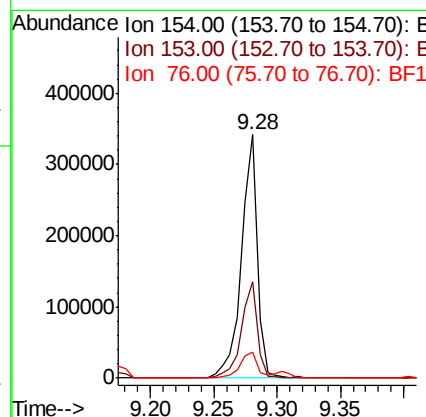
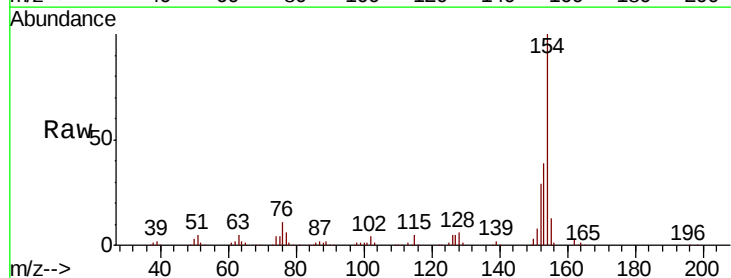
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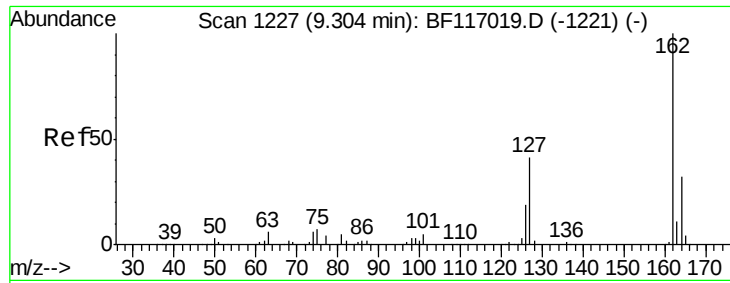
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#46
1,1'-Biphenyl
Concen: 40.421 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	20.0	60.0
76	10.7	0.0	32.7





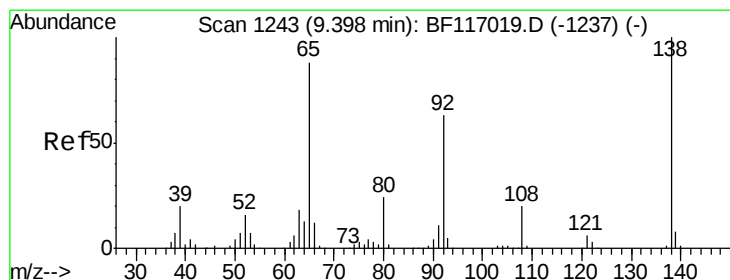
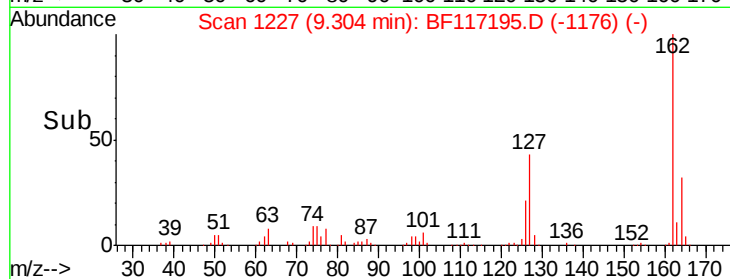
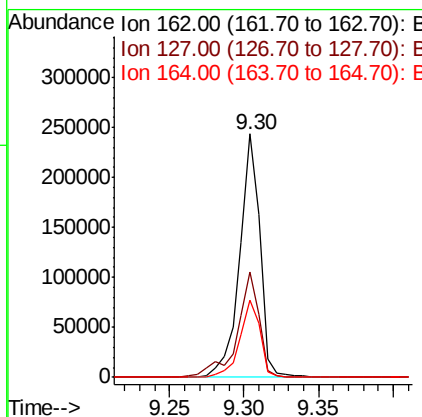
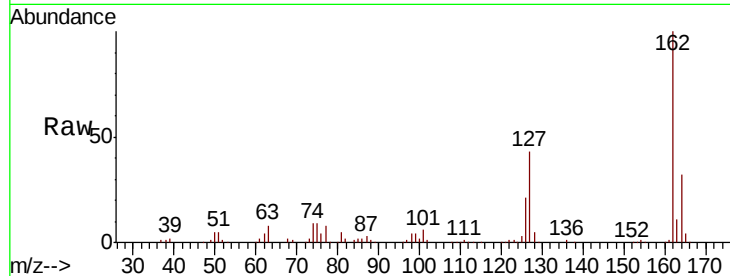
#47
2-Chloronaphthalene
Concen: 40.287 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		231486		
127	43.1	34.1	51.1		
164	31.9	25.9	38.9		

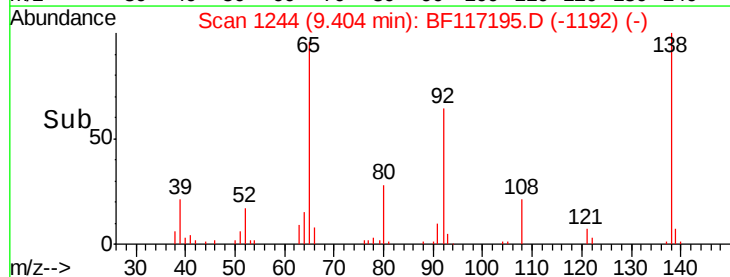
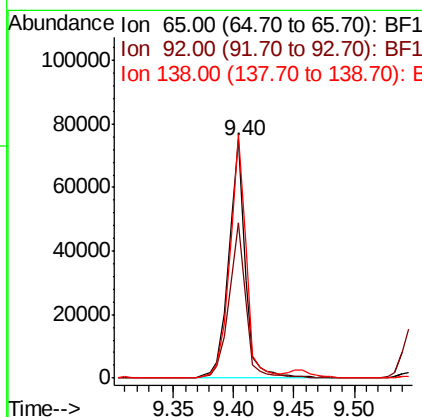
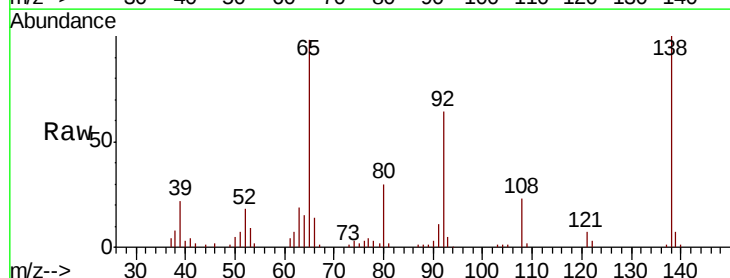
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#48
2-Nitroaniline
Concen: 38.712 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
65	100		71348		
92	65.3	57.5	86.3		
138	102.3	90.6	136.0		





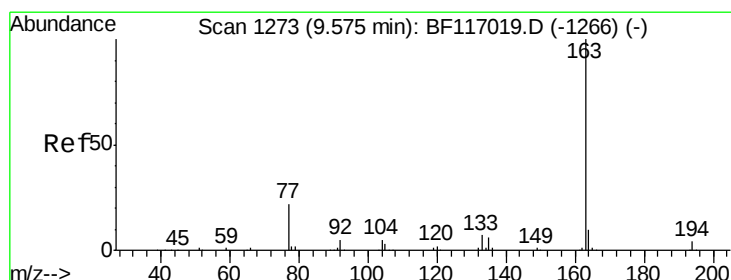
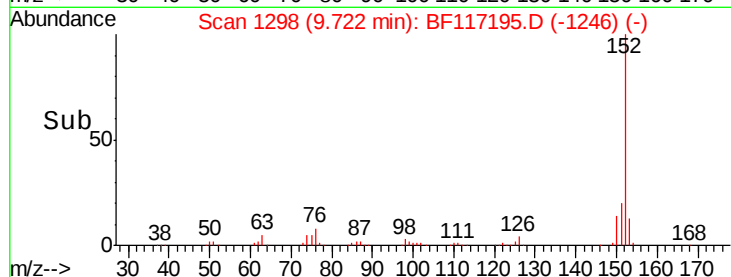
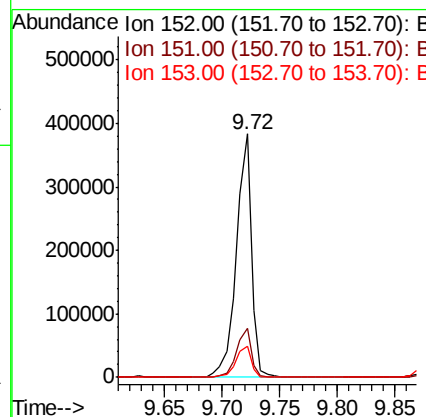
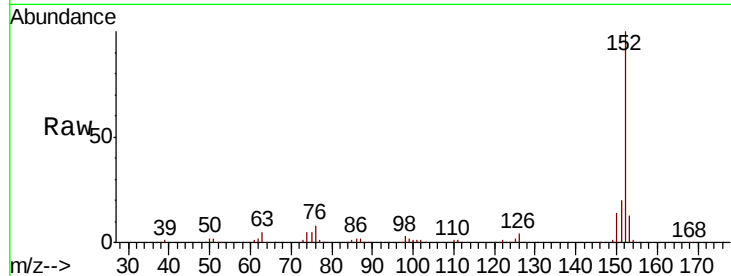
#49
Acenaphthylene
Concen: 40.634 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	349771		
151	20.2		16.2	24.2
153	12.6		10.2	15.4

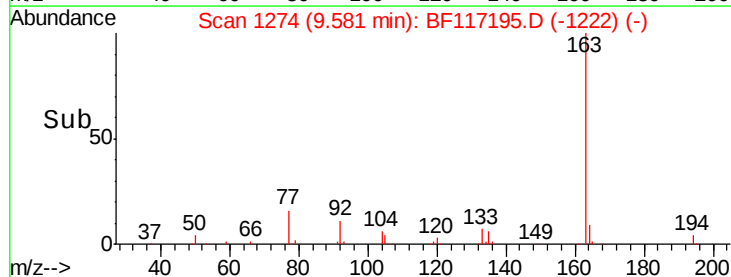
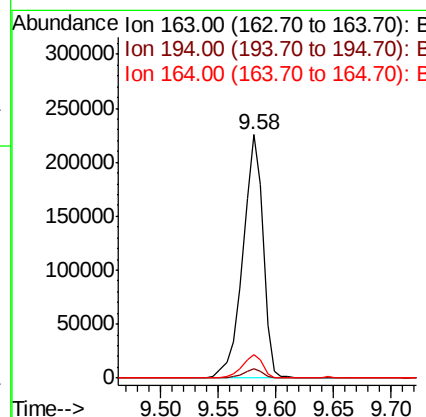
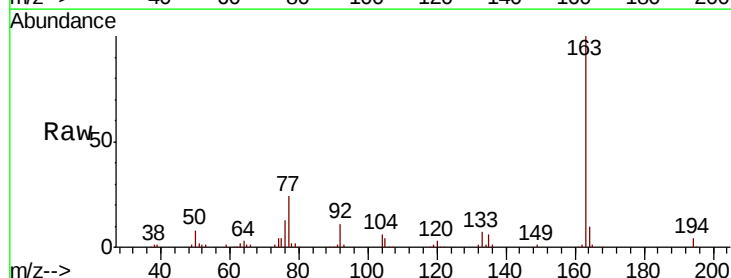
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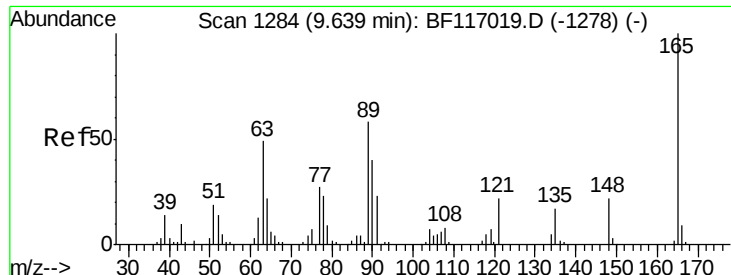
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#50
Dimethylphthalate
Concen: 41.578 ng
RT: 9.58 min Scan# 1274
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	273250		
194	3.8		2.9	4.3
164	9.8		8.2	12.4





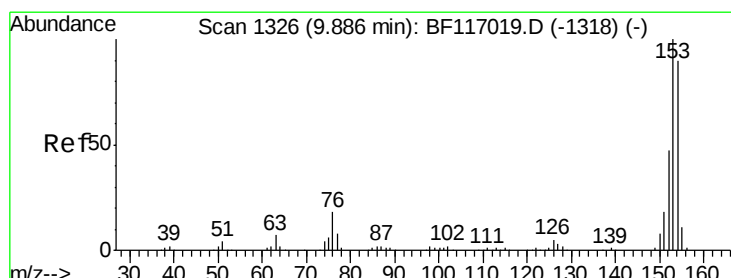
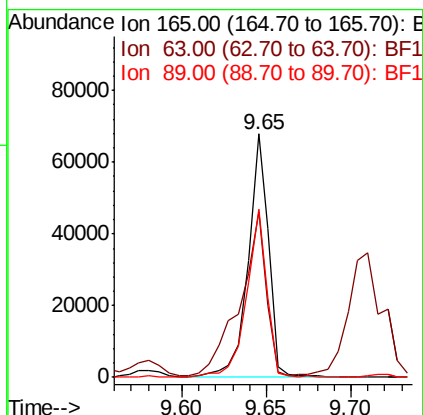
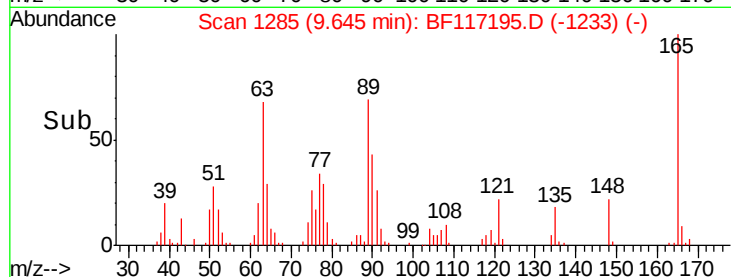
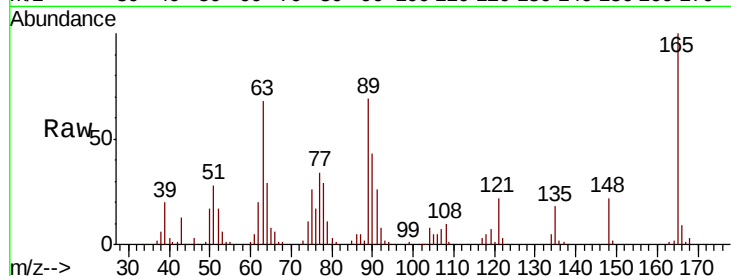
#51
 2,6-Dinitrotoluene
 Concen: 42.891 ng
 RT: 9.65 min Scan# 1285
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	57410		
63	68.0		41.8	62.8#
89	69.1		46.5	69.7

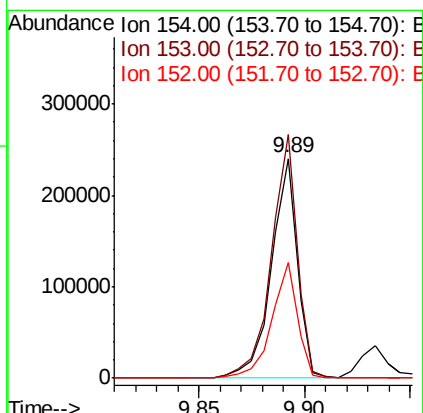
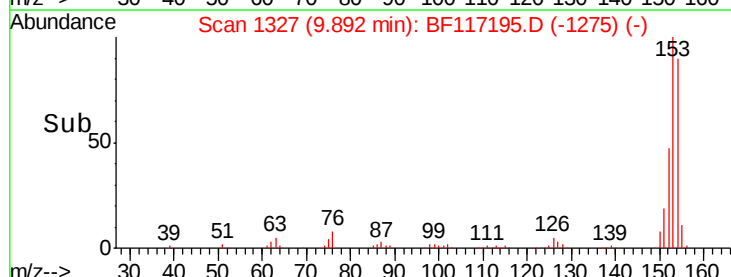
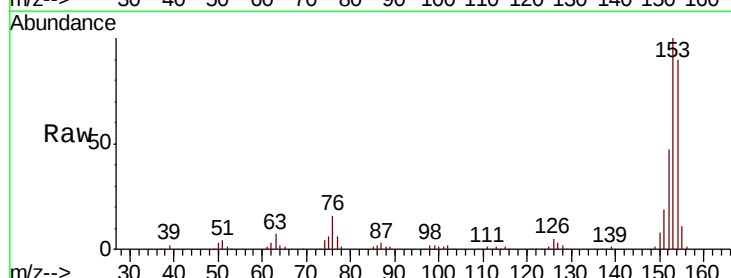
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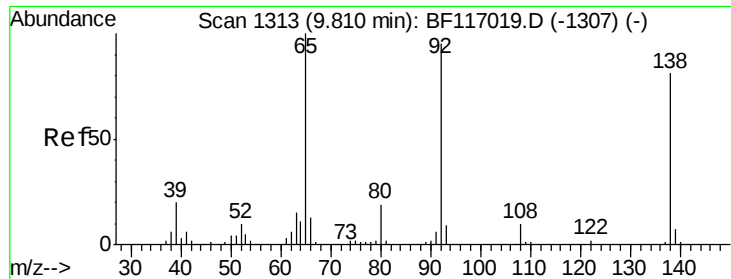
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#52
 Acenaphthene
 Concen: 40.355 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	205915		
153	111.0		89.0	133.6
152	52.6		41.9	62.9





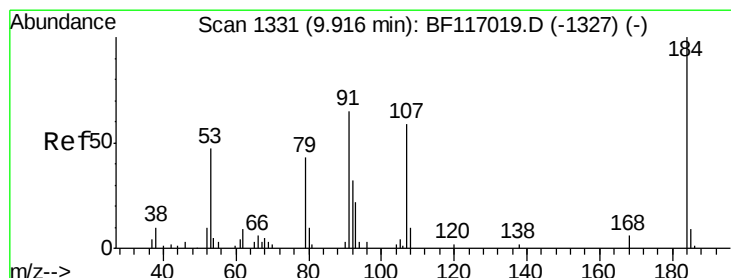
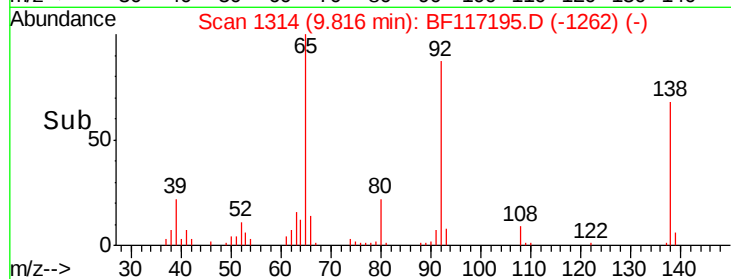
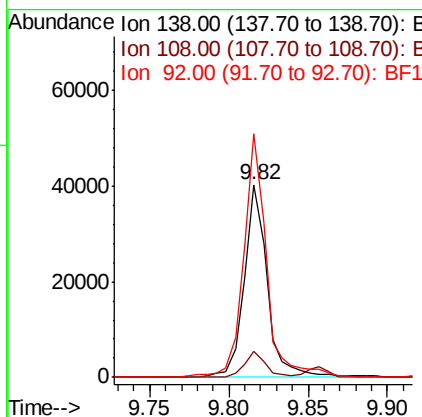
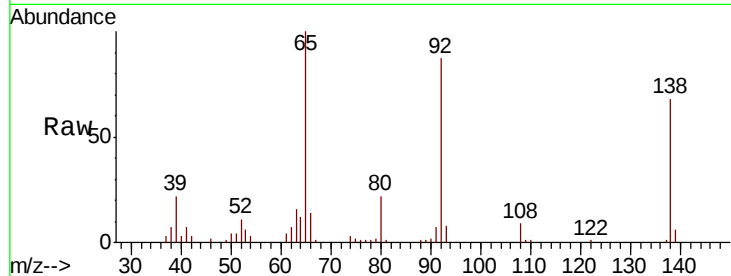
#53
3-Nitroaniline
Concen: 23.974 ng
RT: 9.82 min Scan# 1314
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.3	9.5	14.3
92	126.5	94.1	141.1

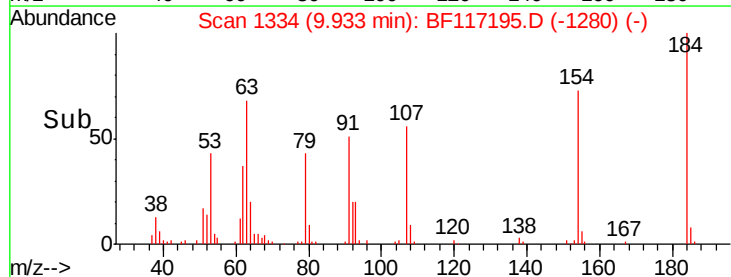
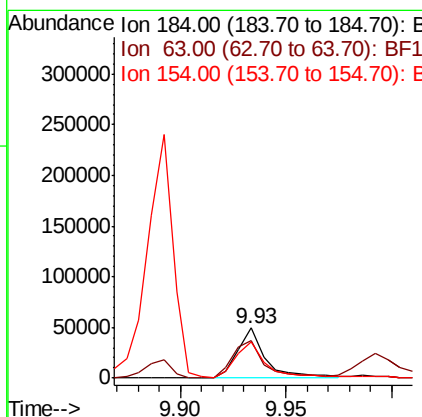
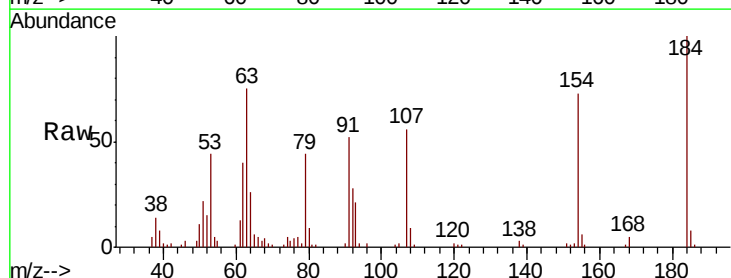
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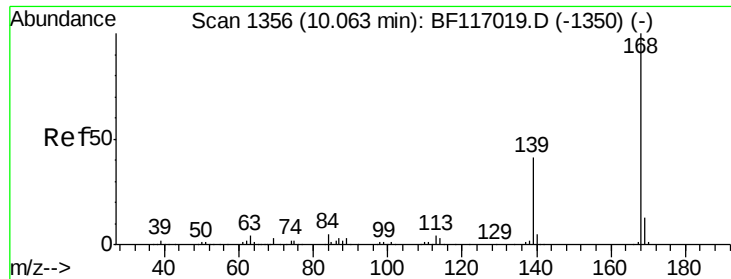
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#54
2,4-Dinitrophenol
Concen: 79.210 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.02 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.3	63.8	95.6
154	72.6	60.4	90.6





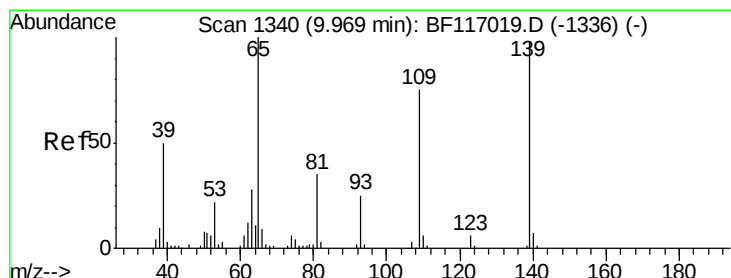
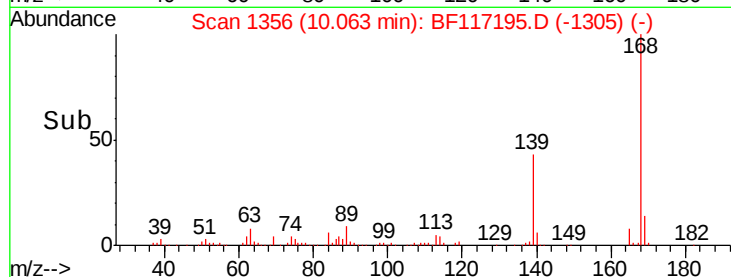
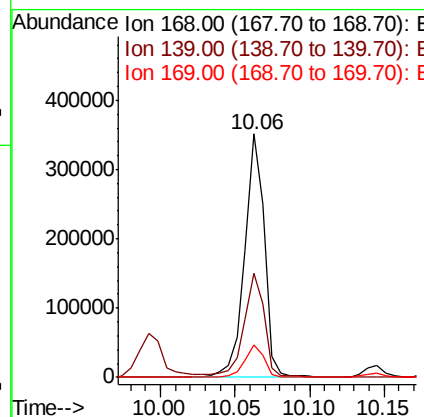
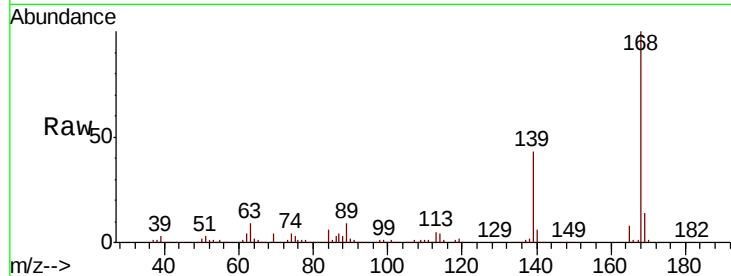
#55
Dibenzenofuran
Concen: 42.837 ng
RT: 10.06 min Scan# 1356
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	42.9	32.8	49.2	
169	13.6	10.5	15.7	

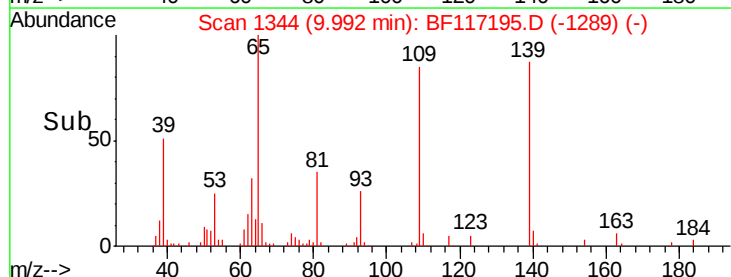
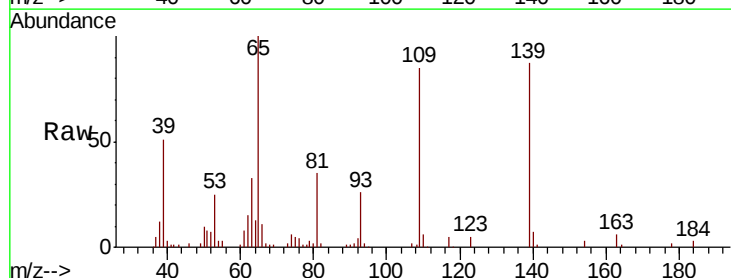
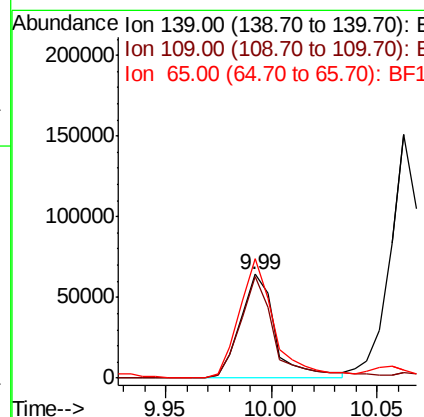
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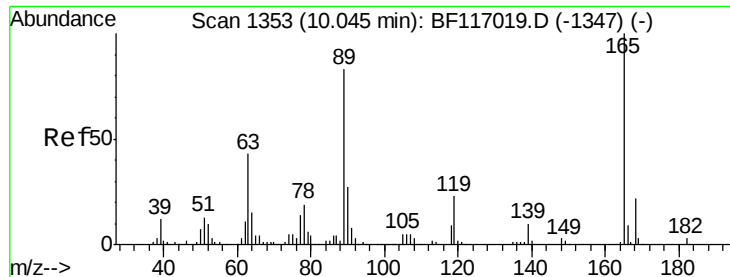
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#56
4-Nitrophenol
Concen: 67.667 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	98.0	56.4	96.4	#
65	115.4	82.5	122.5	





#57

2,4-Dinitrotoluene

Concen: 43.488 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Instrument :

BNA_F

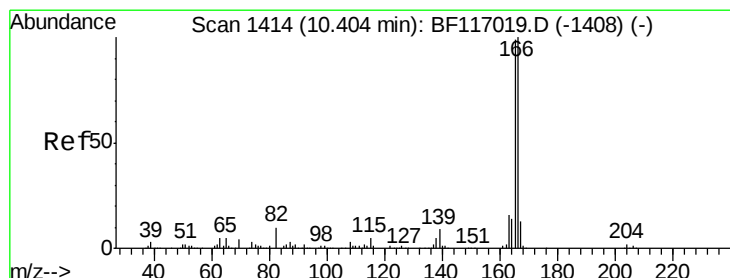
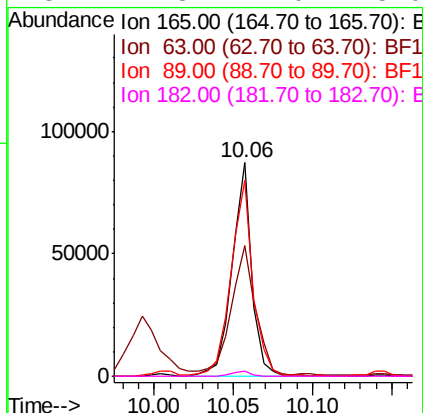
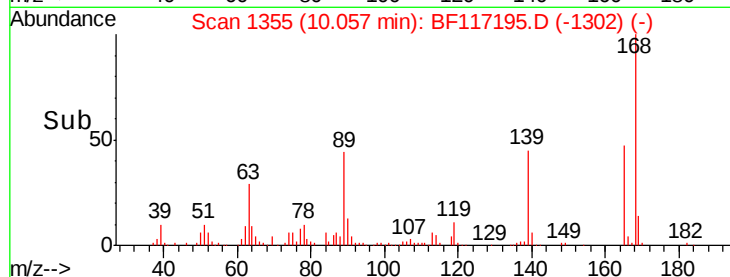
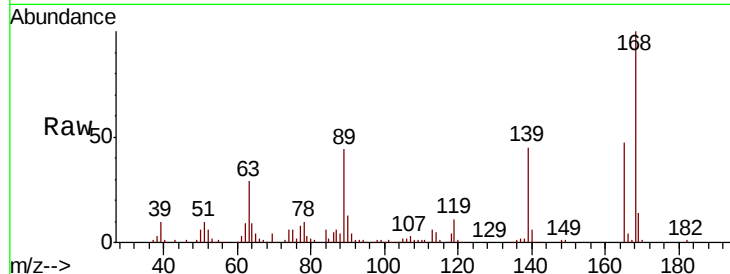
ClientSampleId :

PB123268BS

Tot Ion:	165	Resp:	75559
Ion Ratio	Lower	Upper	
165	100		
63	61.1	35.0	52.4#
89	91.8	66.1	99.1
182	2.3	2.0	3.0

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#58

Fluorene

Concen: 43.262 ng

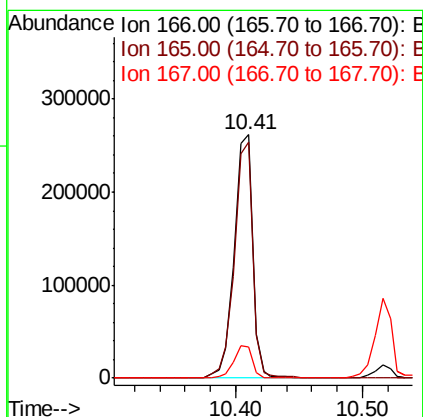
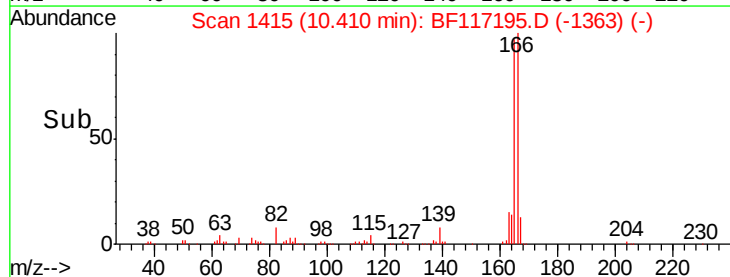
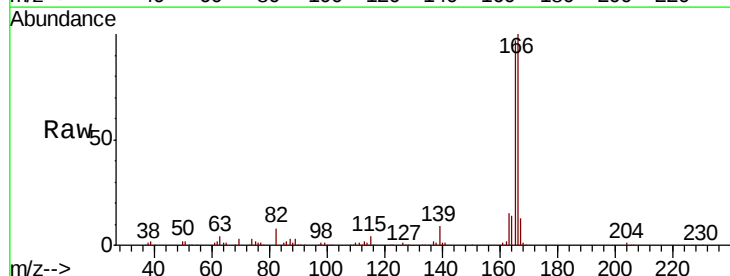
RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Tgt Ion:	166	Resp:	262360
Ion Ratio	Lower	Upper	
166	100		
165	96.8	78.9	118.3
167	12.7	10.6	15.8





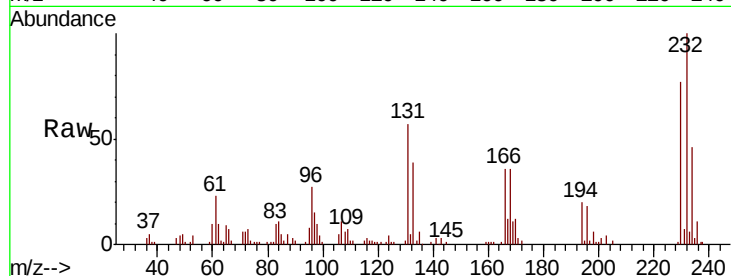
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.872 ng
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion:	232	Resp:	54354
Ion Ratio	Lower	Upper	
232	100		
131	62.9	45.3	67.9
130	2.9	1.8	2.8
166	39.2	29.4	44.2

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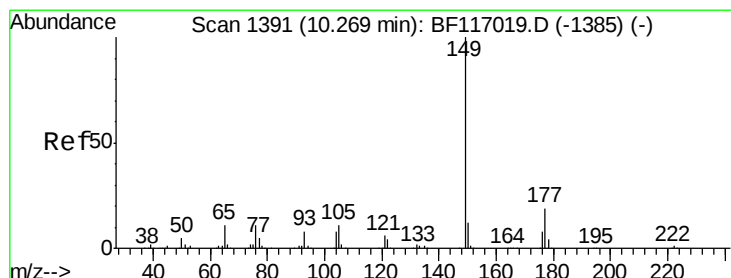
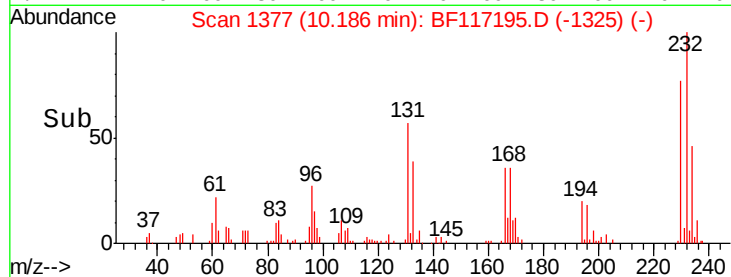
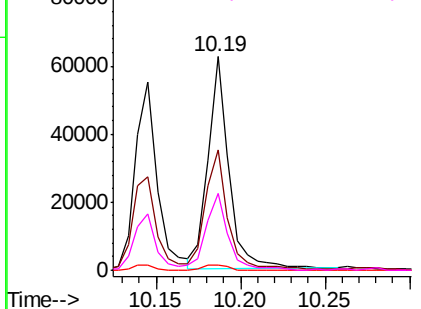
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

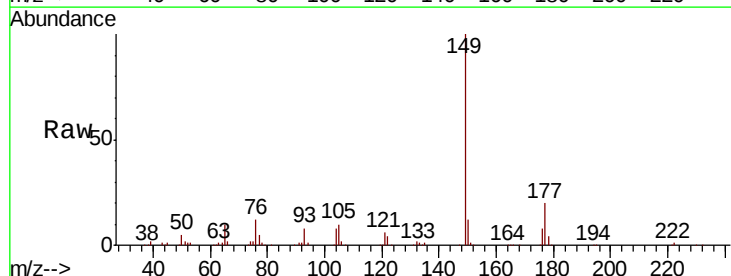
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 44.384 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Tgt Ion:	149	Resp:	286970
Ion Ratio	Lower	Upper	
149	100		
177	19.6	15.2	22.8
150	12.2	9.9	14.9

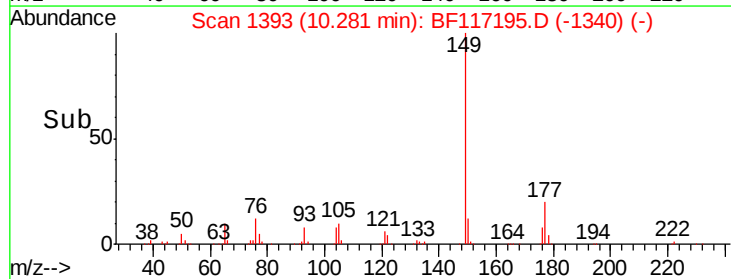
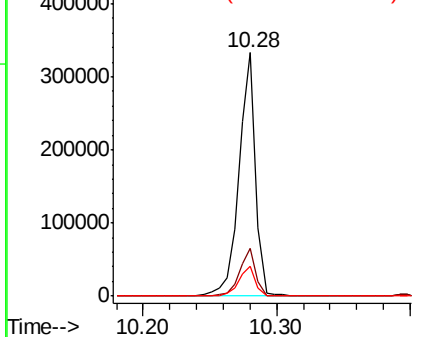


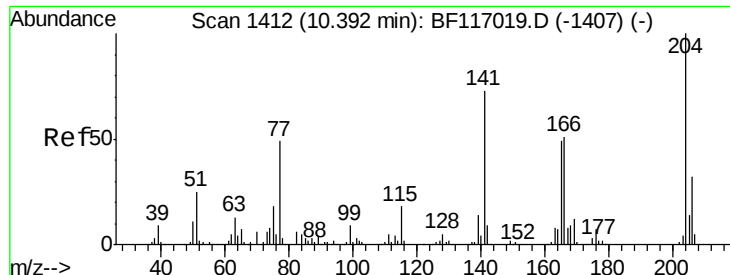
Abundance

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





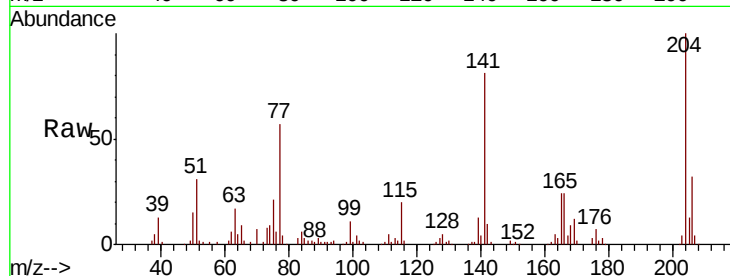
#61
4-Chlorophenyl-phenylether
Concen: 45.832 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	120258		
206	32.4	26.0	39.0	
141	80.8	58.2	87.2	

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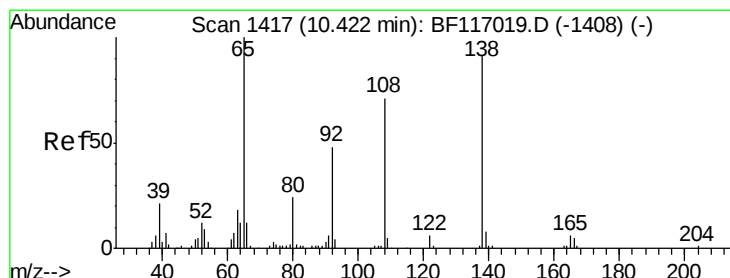
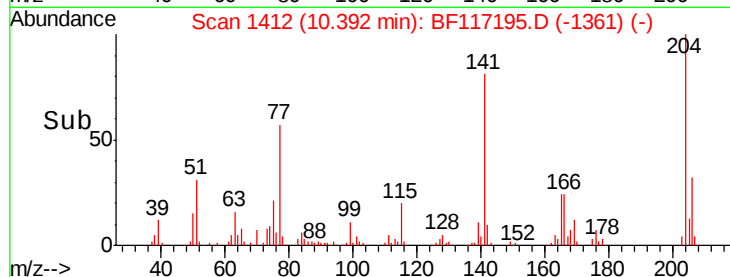
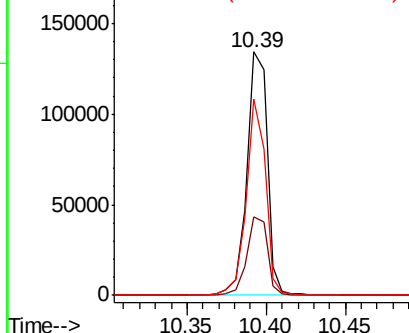


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 33.973 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

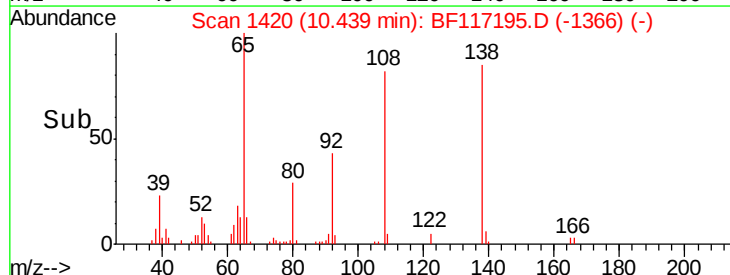
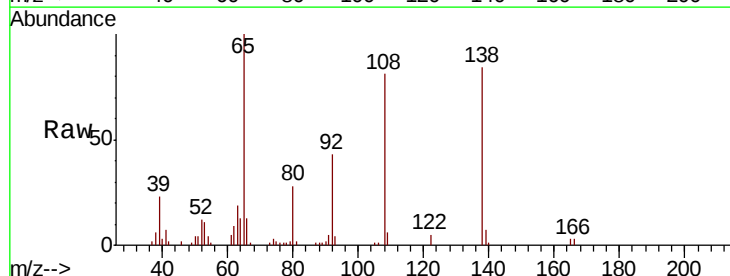
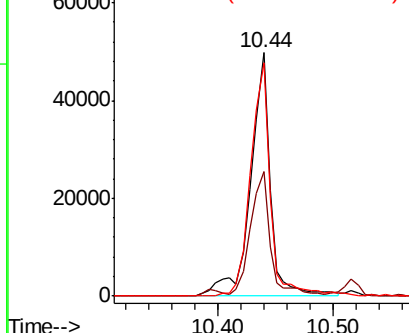
Tgt Ion	Ratio	Resp	Lower	Upper
138	100	59666		
92	51.1	32.9	72.9	
108	96.0	58.3	98.3	

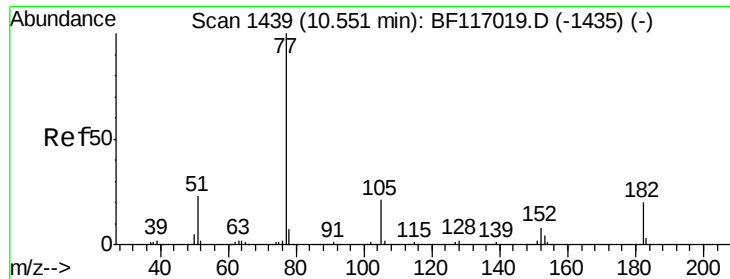
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





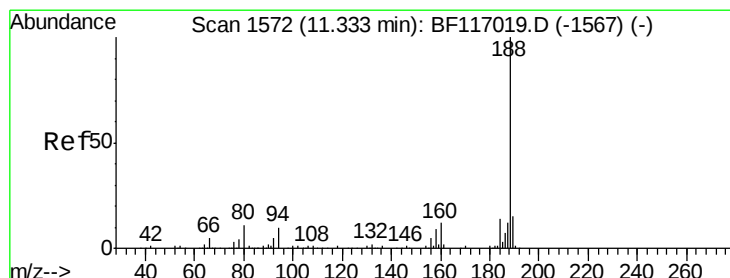
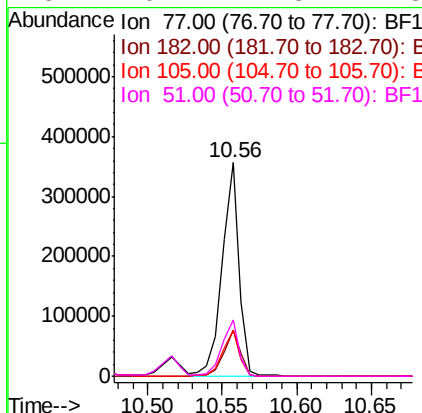
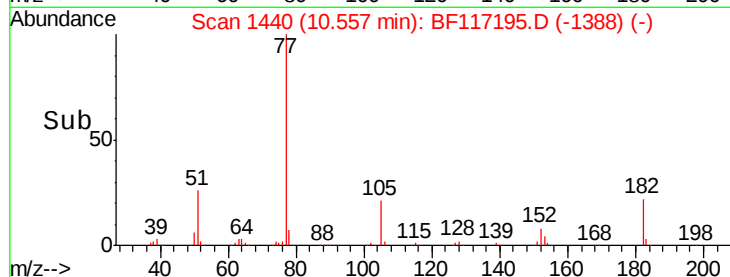
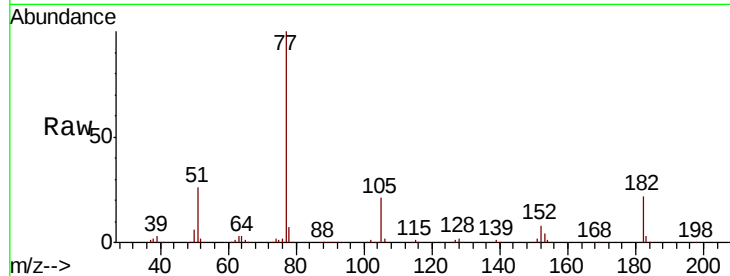
#63
Azobenzene
Concen: 43.763 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.5	0.4	40.4		
105	21.4	0.9	40.9		
51	26.4	2.8	42.8		

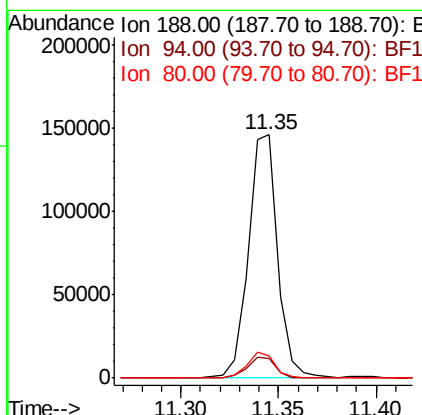
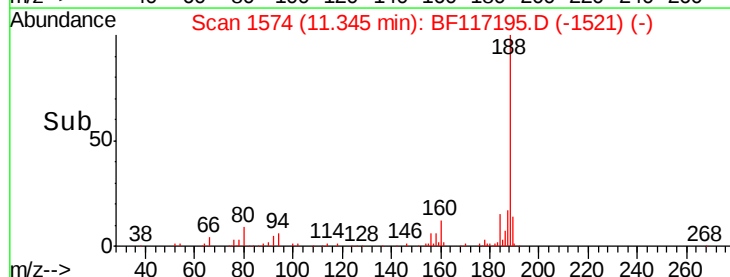
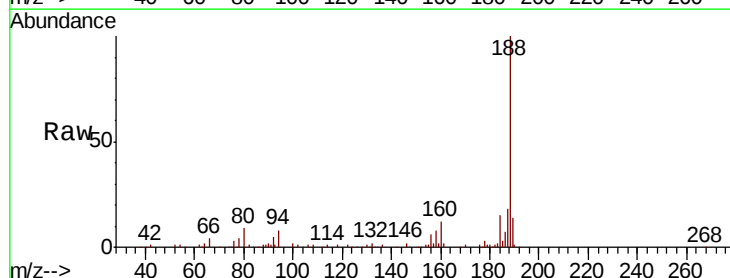
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.1	8.2	12.2#		
80	8.9	9.0	13.6#		





#65

4,6-Dinitro-2-methylphenol

Concen: 47.039 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Instrument :

BNA_F

ClientSampleId :

PB123268BS

Tot Ion:198 Resp: 32172

Ion Ratio Lower Upper

198 100

51 54.0 18.7 58.7

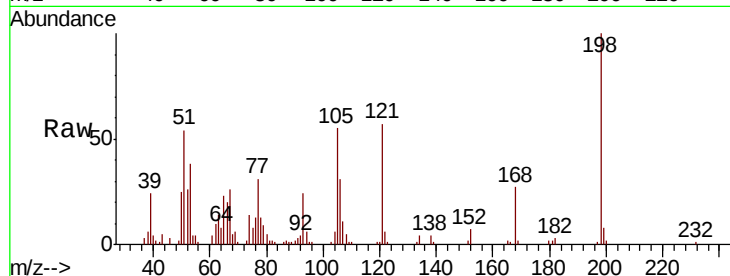
105 55.1 30.2 70.2

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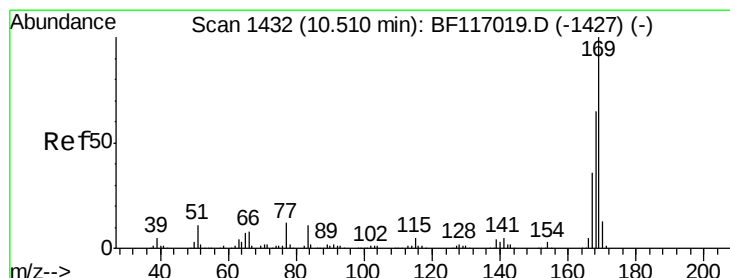
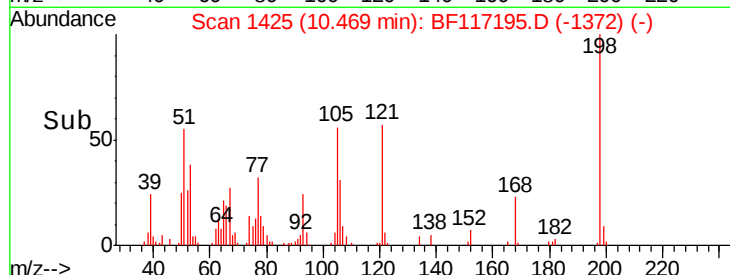
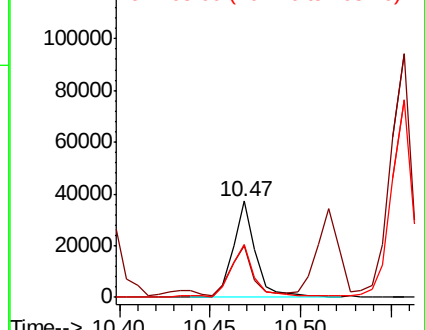
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 43.764 ng

RT: 10.52 min Scan# 1433

Delta R.T. 0.01 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

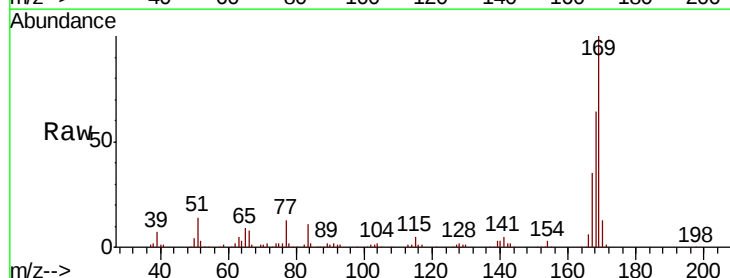
Tgt Ion:169 Resp: 227653

Ion Ratio Lower Upper

169 100

168 64.0 52.2 78.2

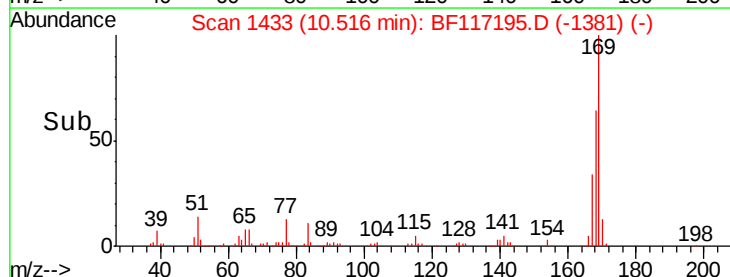
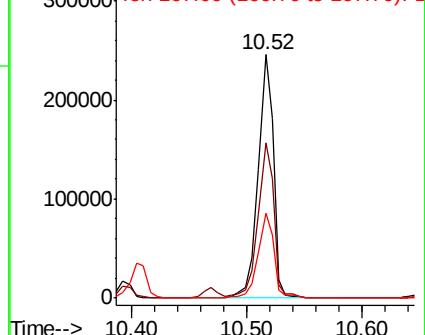
167 34.6 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





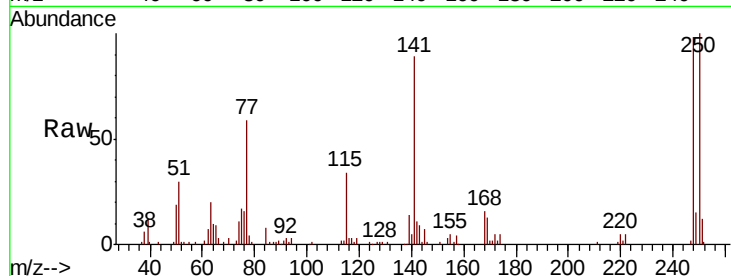
#67
 4-Bromophenyl-phenylether
 Concen: 43.125 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Instrument :
 BNA_F
 ClientSampled :
 PB123268BS

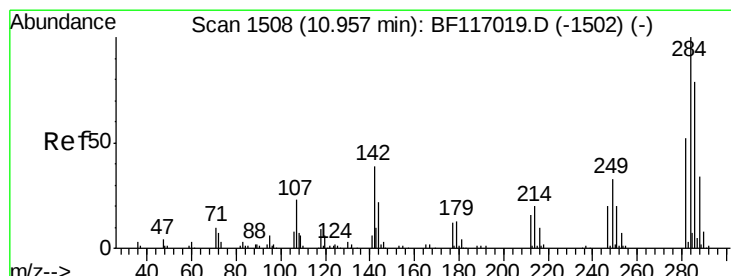
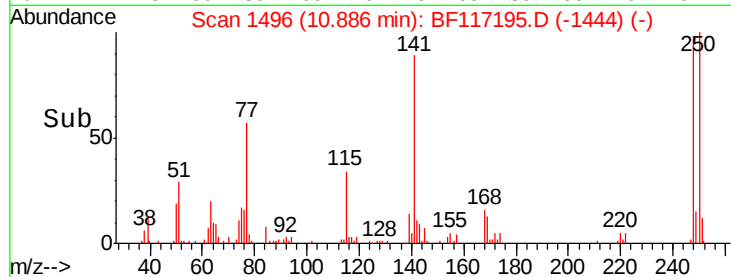
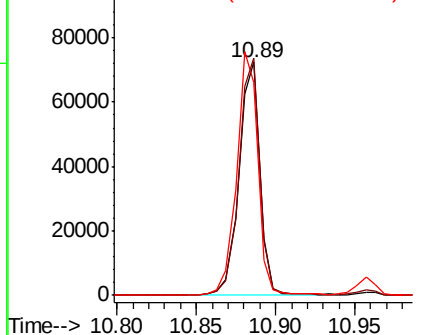
Tot Ion:	248	Resp:	66335
Ion Ratio	Lower	Upper	
248	100		
250	101.9	76.2	114.4
141	91.1	75.0	112.4

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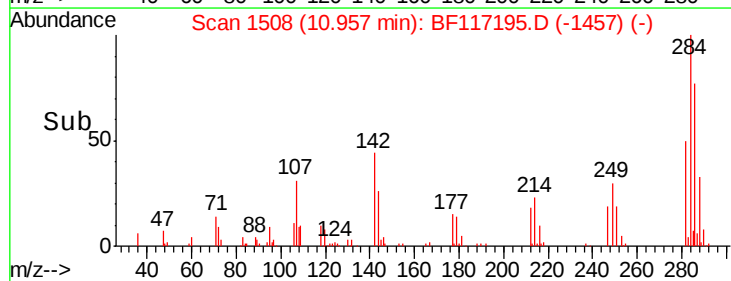
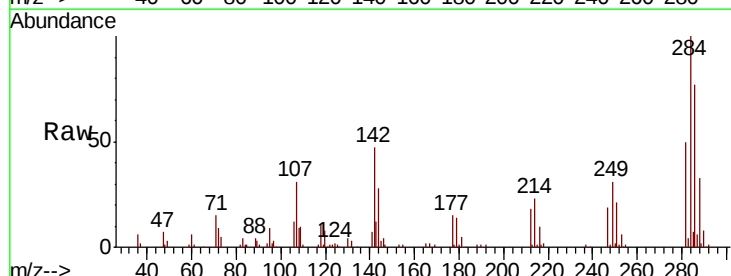
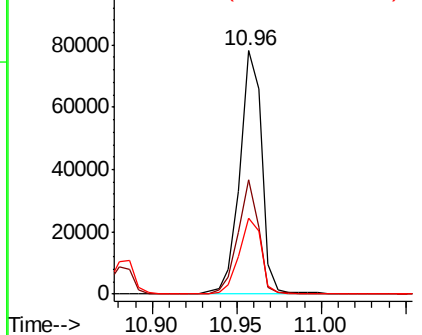
Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

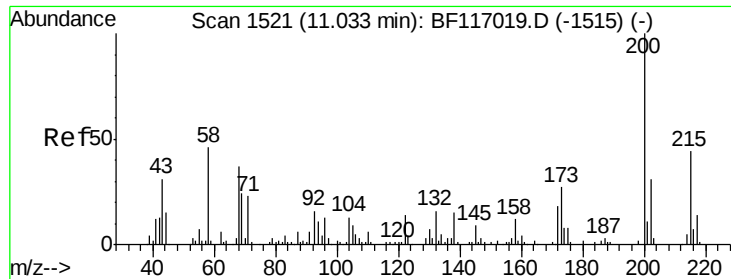


#68
 Hexachlorobenzene
 Concen: 42.065 ng
 RT: 10.96 min Scan# 1508
 Delta R.T. 0.00 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Tgt Ion:	284	Resp:	70772
Ion Ratio	Lower	Upper	
284	100		
142	46.8	31.4	47.2
249	31.3	26.5	39.7

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





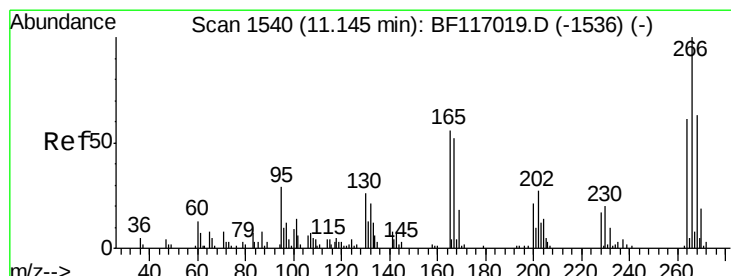
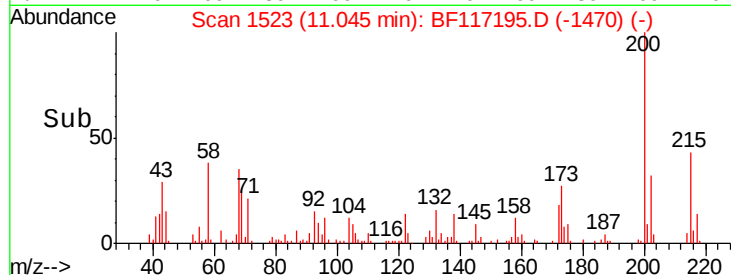
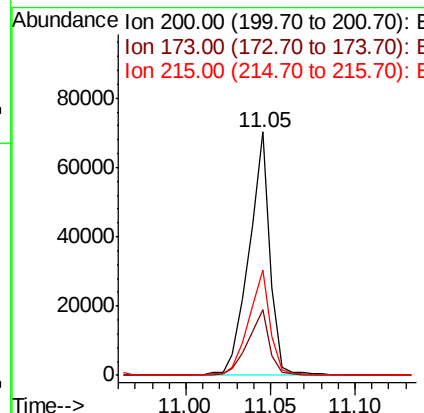
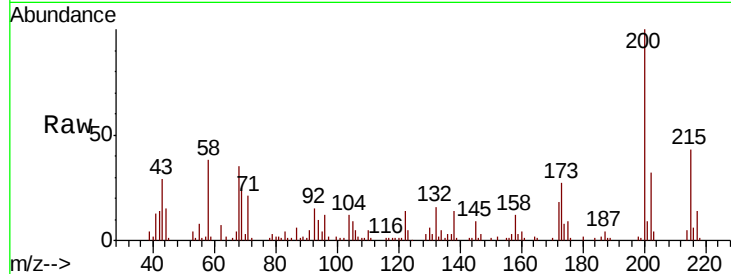
#69
 Atrazine
 Concen: 48.236 ng
 RT: 11.05 min Scan# 1523
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	6.9	46.9
215	43.4	23.8	63.8

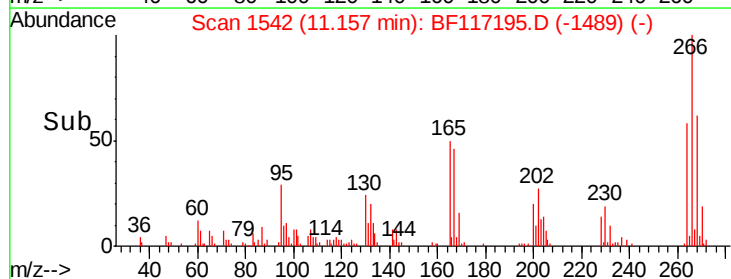
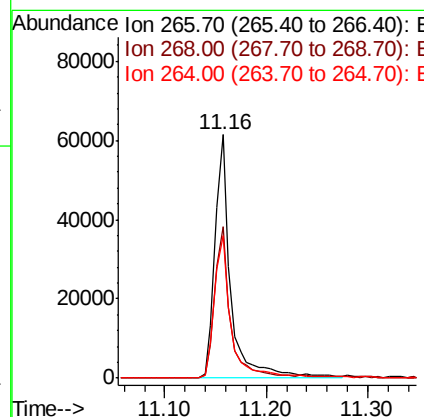
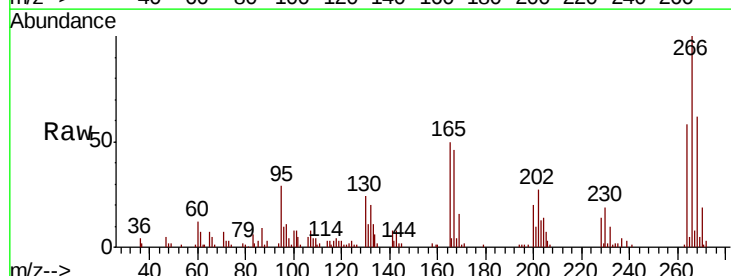
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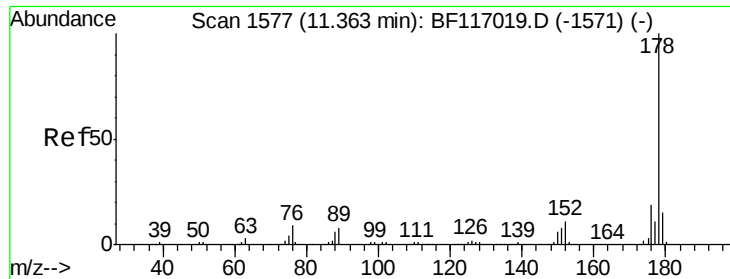
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#70
 Pentachlorophenol
 Concen: 85.326 ng
 RT: 11.16 min Scan# 1542
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.4	50.5	75.7
264	58.5	48.8	73.2





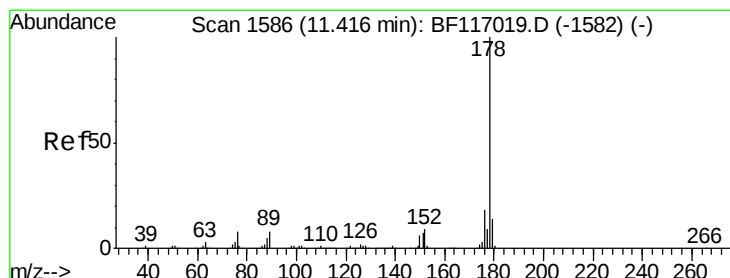
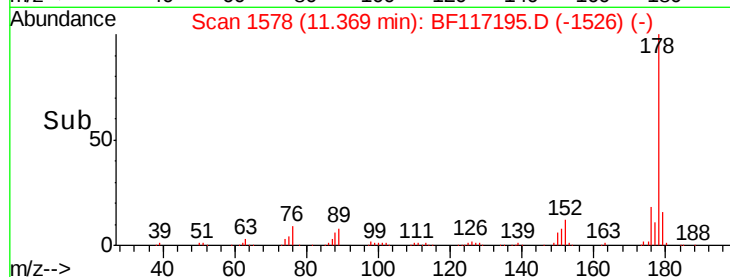
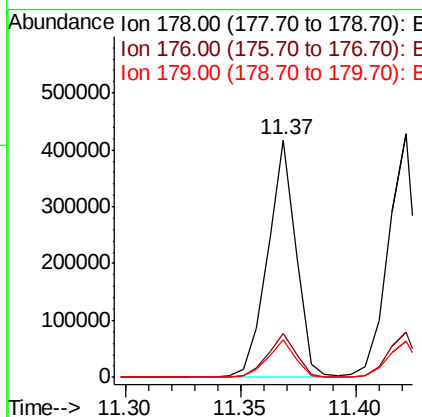
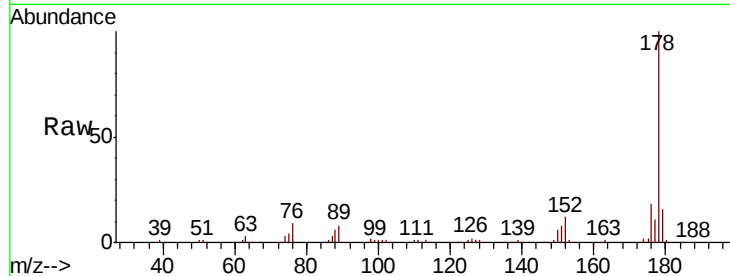
#71
Phenanthrene
Concen: 41.743 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.4	23.2
179	15.7	12.4	18.6

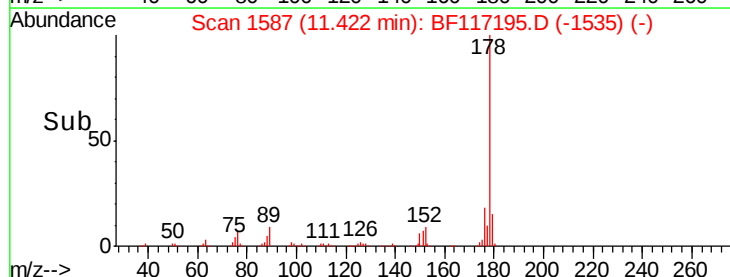
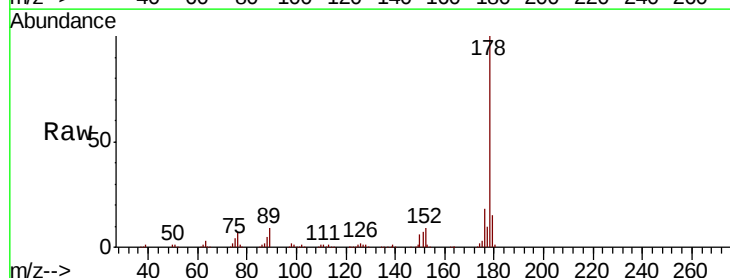
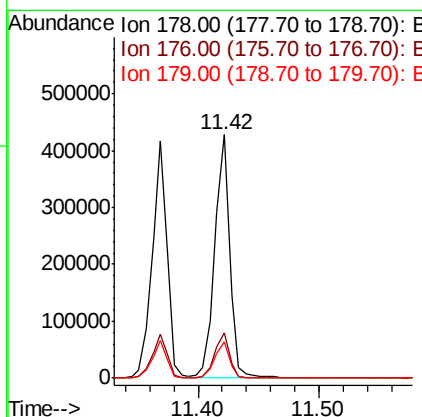
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#72
Anthracene
Concen: 41.867 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.6	21.8
179	15.1	11.6	17.4





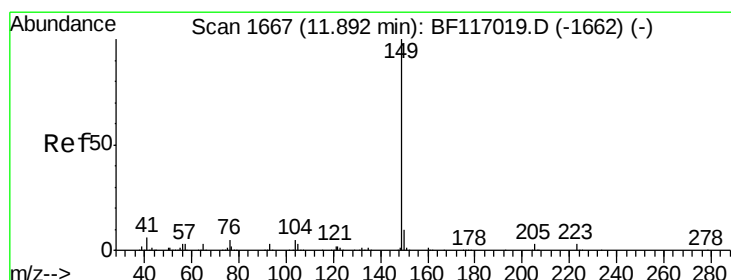
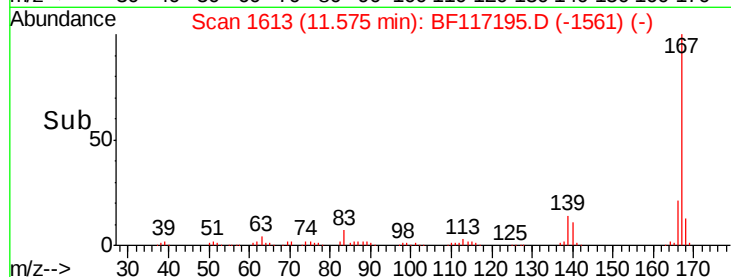
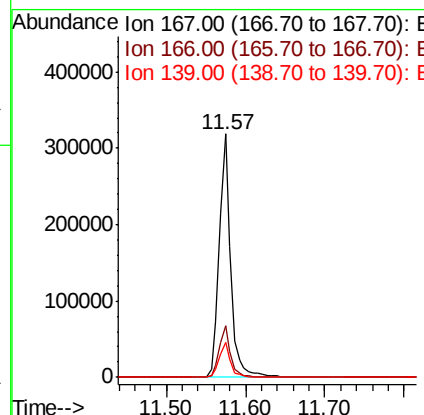
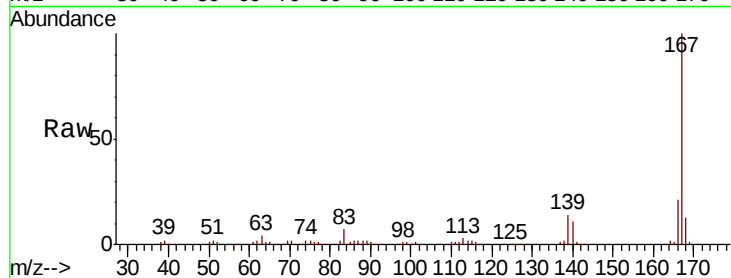
#73
 Carbazole
 Concen: 38.788 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	14.1	10.6	16.0

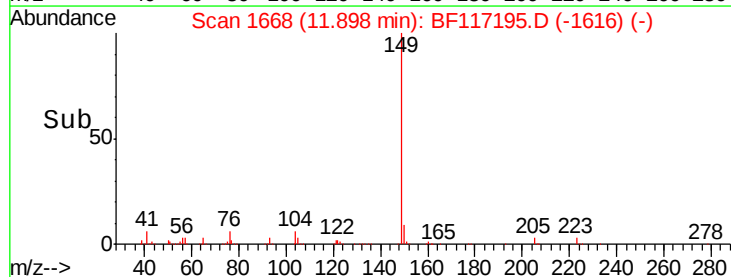
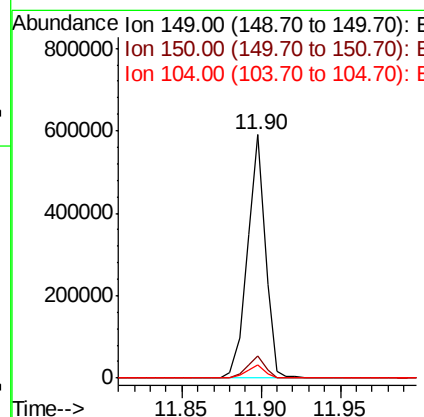
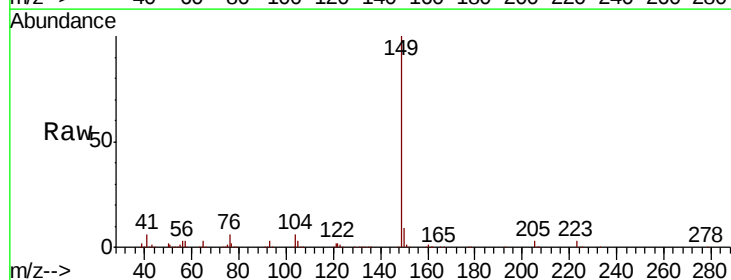
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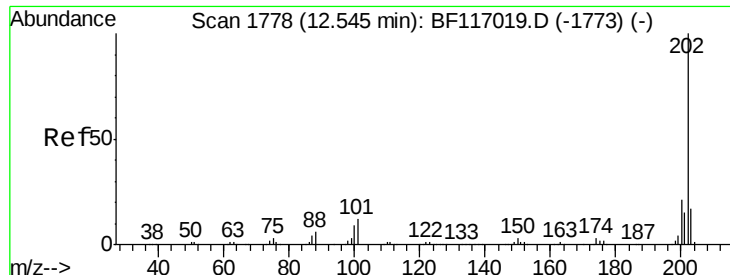
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#74
 Di-n-butylphthalate
 Concen: 46.909 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

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





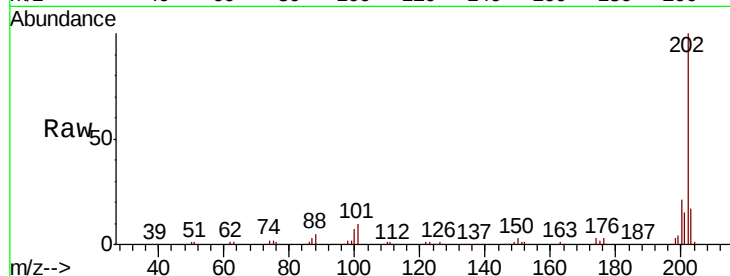
#75
 Fluoranthene
 Concen: 39.874 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Instrument :
 BNA_F
 ClientSampleID :
 PB123268BS

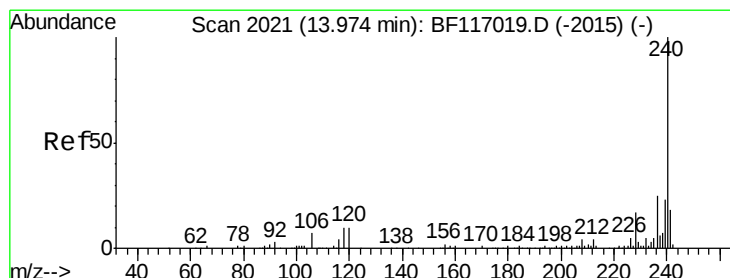
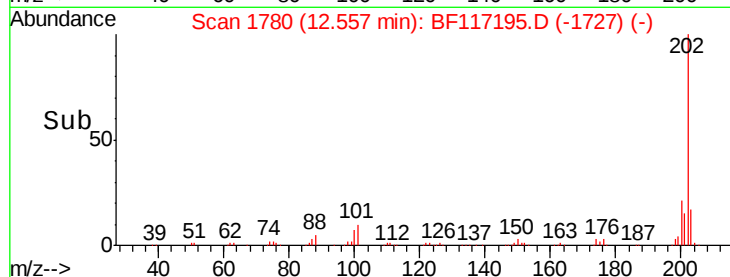
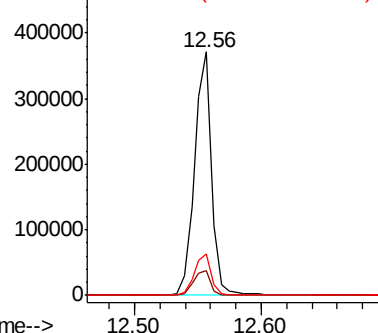
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	0.0	32.3
203	16.9	0.0	37.1

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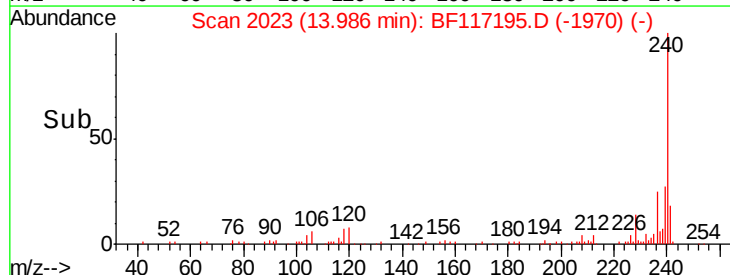
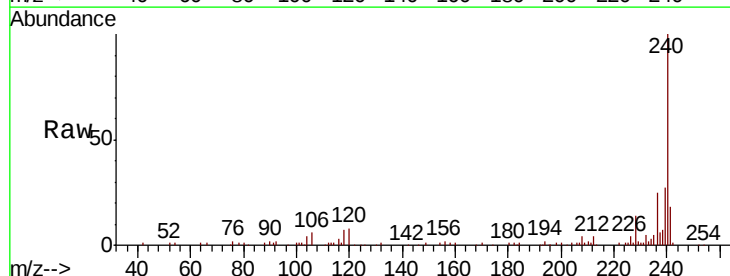
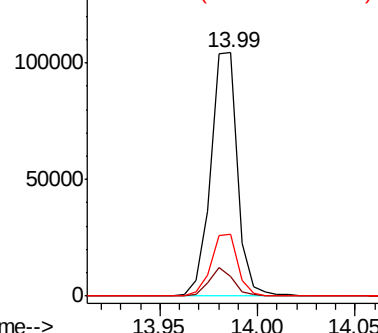
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

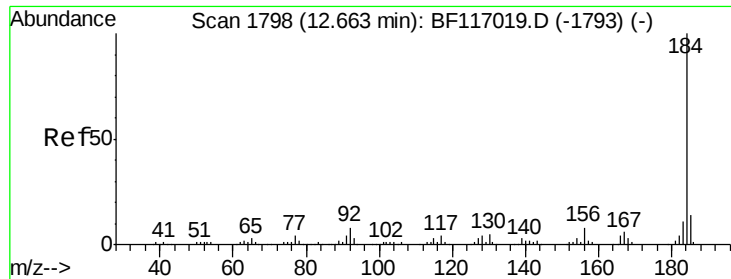


#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.2	8.3	12.5#
236	25.2	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: 27.794 ng

RT: 12.67 min Scan# 1800

Delta R.T. 0.01 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Instrument :

BNA_F

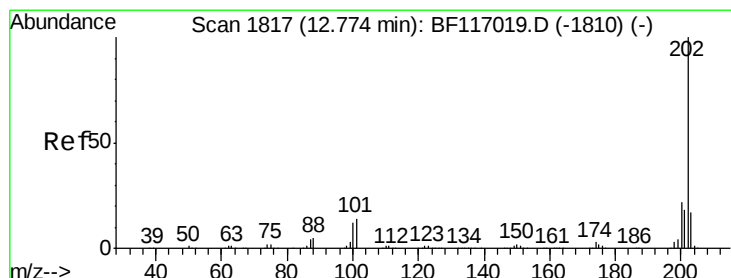
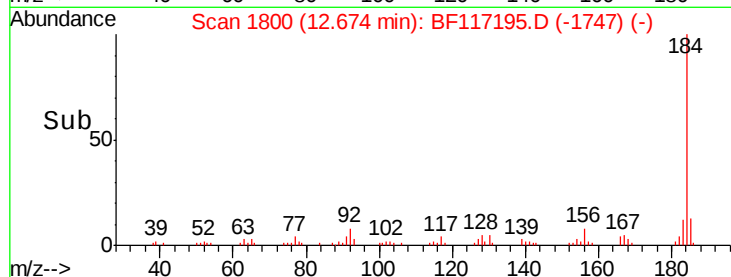
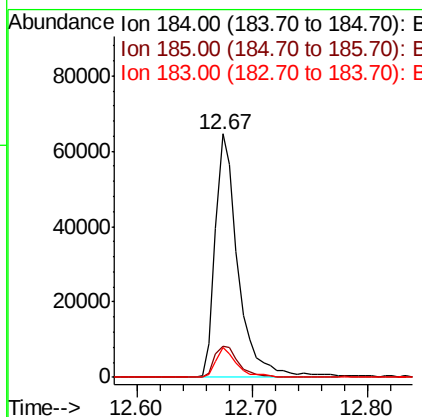
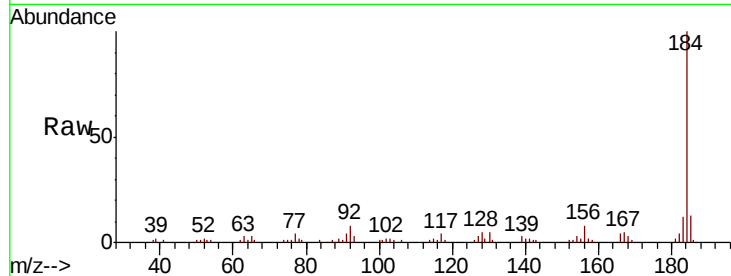
ClientSampleId :

PB123268BS

Tot Ion:	184	Resp:	89037
Ion Ratio	Lower	Upper	
184	100		
185	12.8	11.6	17.4
183	12.2	9.0	13.4

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#78

Pyrene

Concen: 41.644 ng

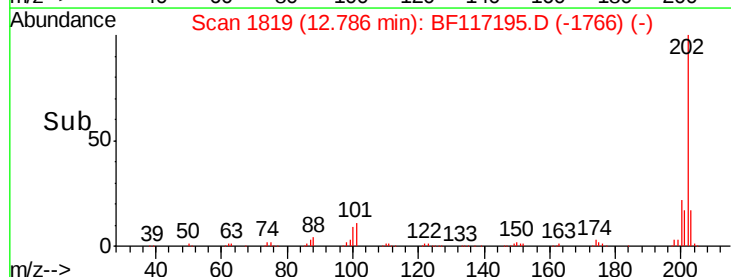
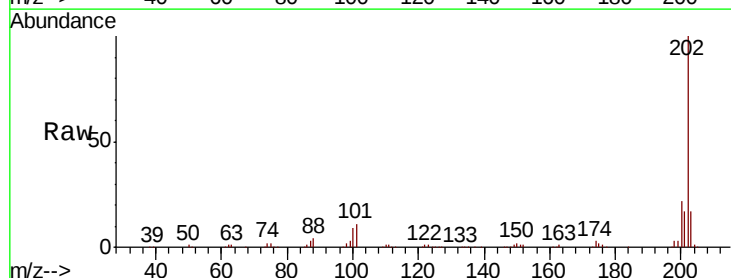
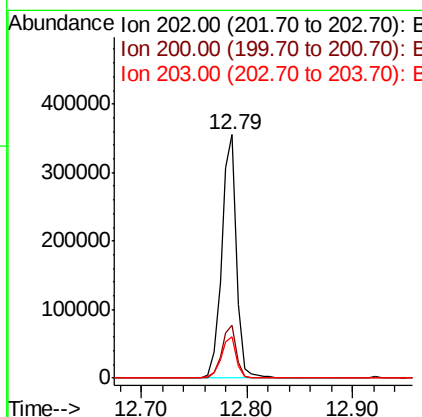
RT: 12.79 min Scan# 1819

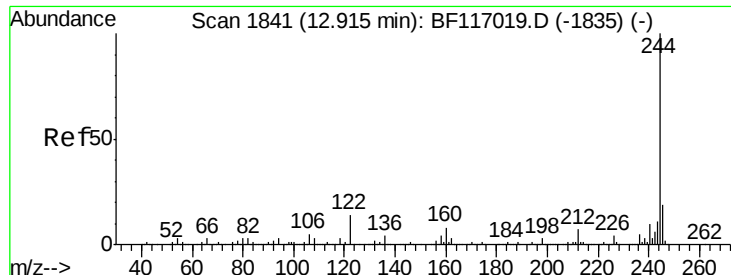
Delta R.T. 0.01 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Tgt Ion:	202	Resp:	347503
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.2	25.8
203	17.1	14.0	21.0





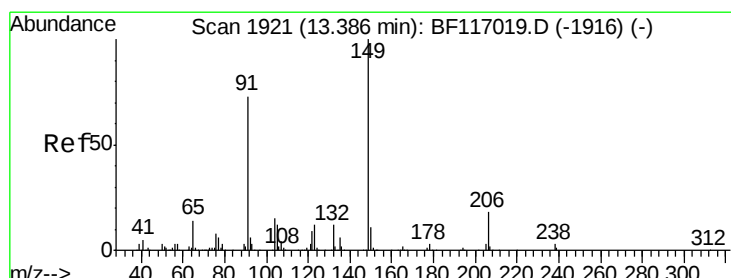
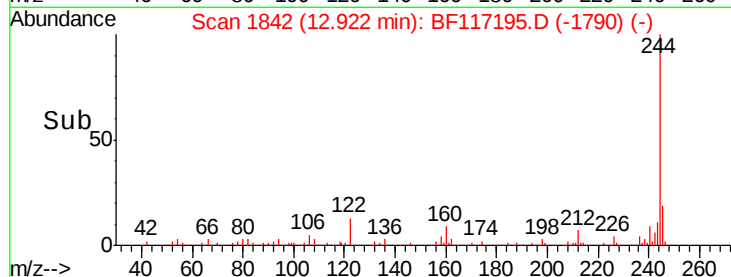
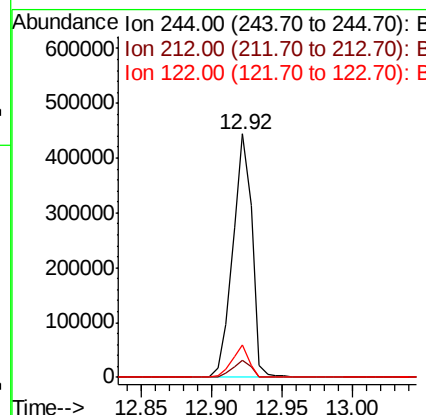
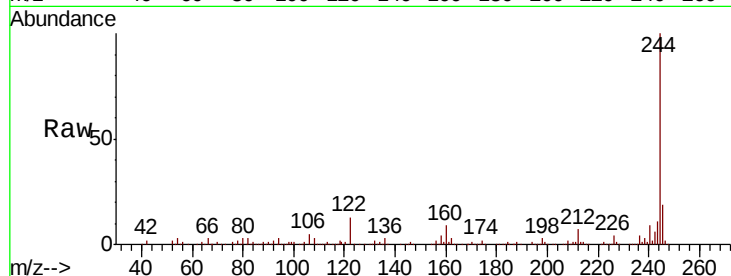
#79
 Terphenyl-d14
 Concen: 78.438 ng
 RT: 12.92 min Scan# 1842
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	7.1	5.8	8.8
122	13.1	11.3	16.9

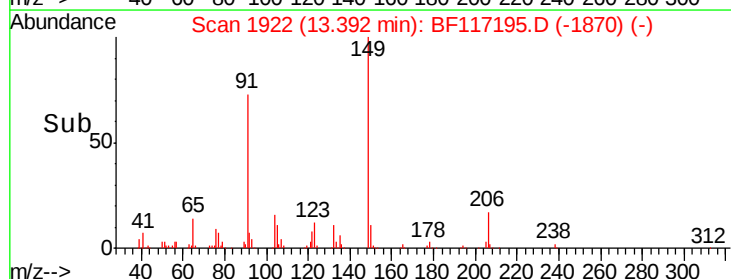
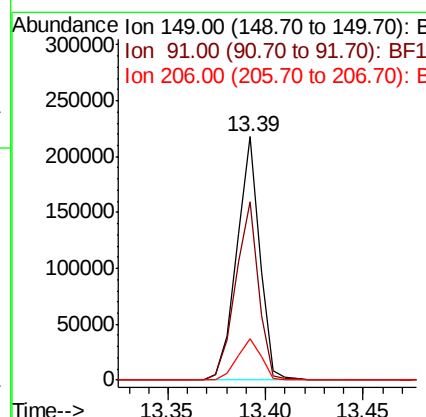
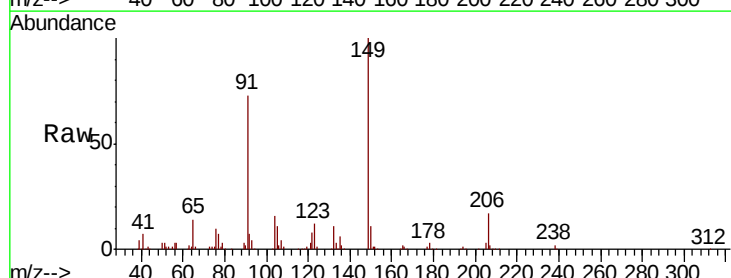
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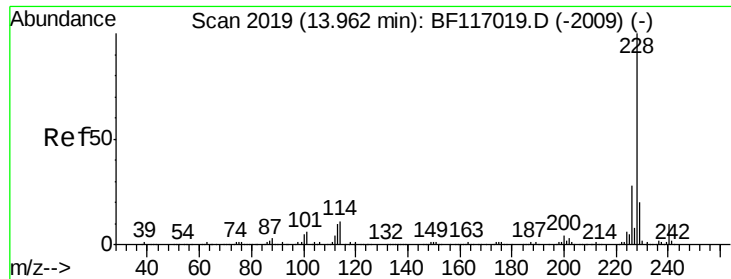
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#80
 Butylbenzylphthalate
 Concen: 45.182 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	73.1	58.8	88.2
206	17.1	14.1	21.1





#81

Benzo(a)anthracene

Concen: 39.918 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Instrument :

BNA_F

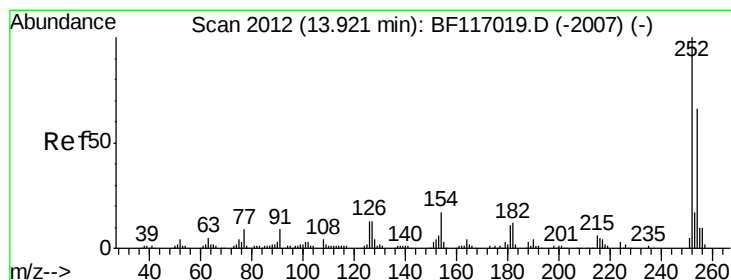
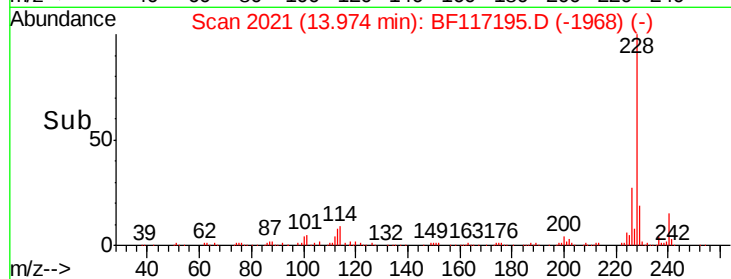
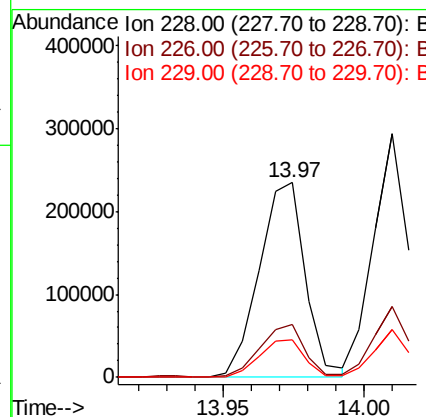
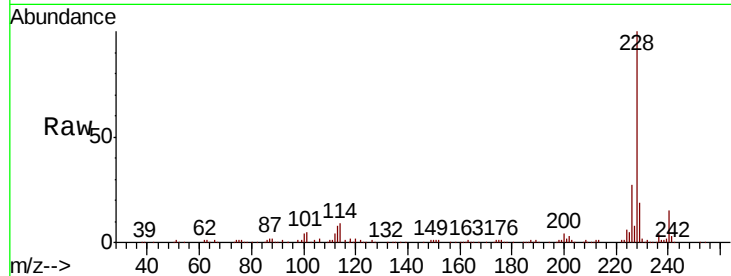
ClientSampleId :

PB123268BS

Tot Ion:	228	Resp:	265227
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.3	33.5
229	19.3	15.9	23.9

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#82

3,3'-Dichlorobenzidine

Concen: 34.903 ng

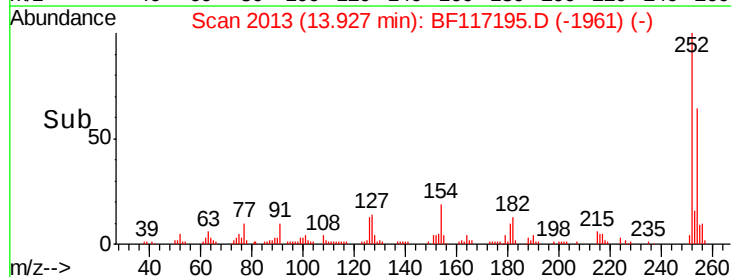
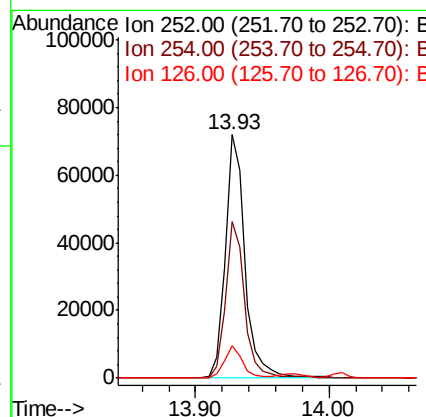
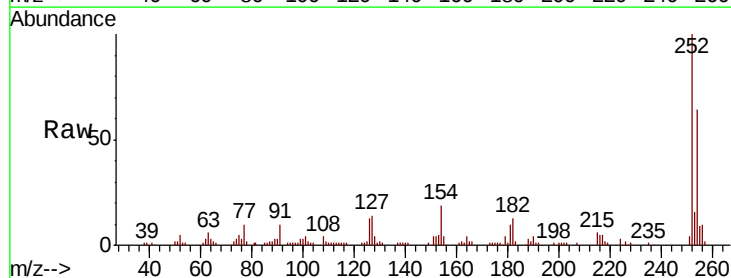
RT: 13.93 min Scan# 2013

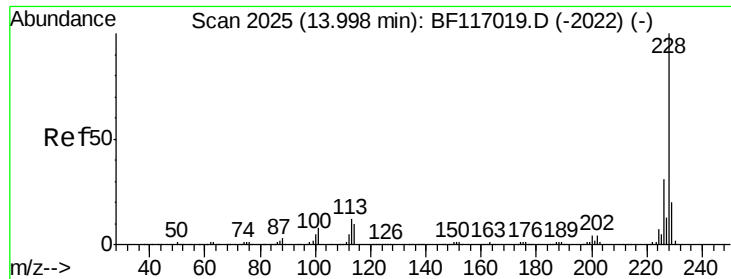
Delta R.T. 0.01 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Tgt Ion:	252	Resp:	74731
Ion Ratio	Lower	Upper	
252	100		
254	64.2	52.6	79.0
126	13.5	10.4	15.6





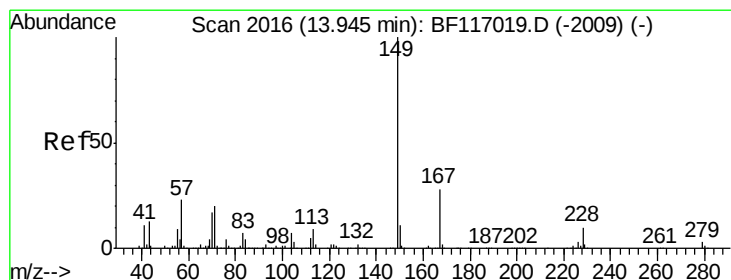
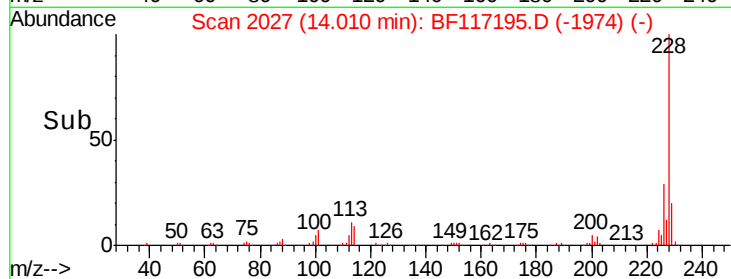
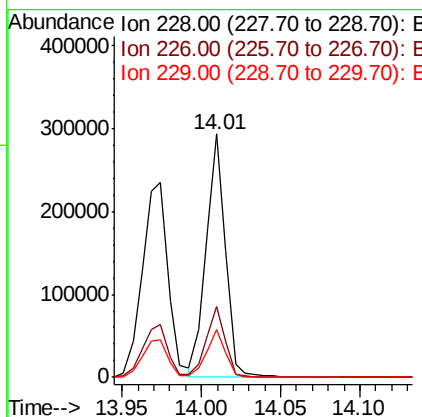
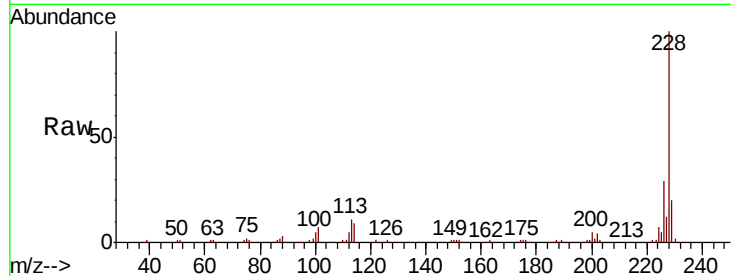
#83
 Chrysene
 Concen: 38.756 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Instrument :
 BNA_F
 ClientSampleId :
 PB123268BS

Tot Ion	Ratio	Resp	Lower	Upper
228	100	251153		
226	29.0		24.8	37.2
229	19.5		15.8	23.8

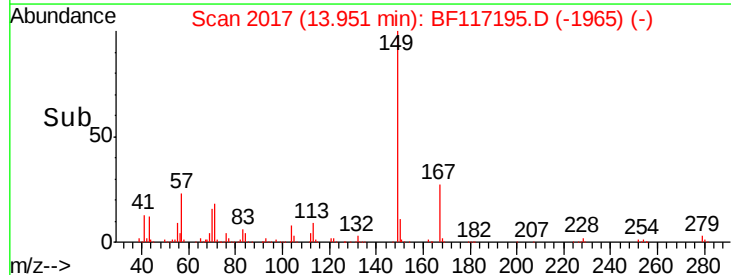
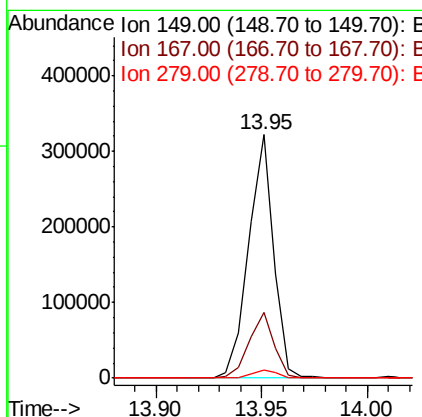
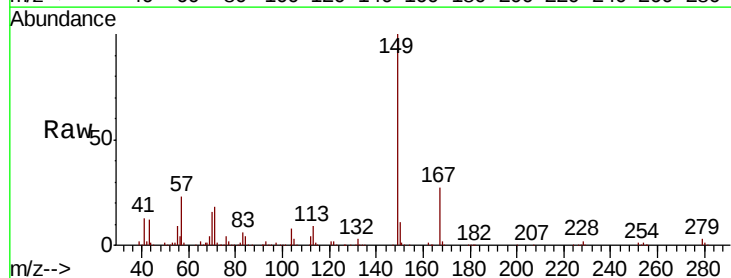
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 52.265 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF117195.D
 Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	265705		
167	27.2		22.2	33.2
279	3.4		2.8	4.2





#85

Di-n-octyl phthalate

Concen: 51.050 ng

RT: 14.56 min Scan# 2120

Delta R.T. 0.00 min

Lab File: BF117195.D

Acq: 20 Sep 2019 19:36

Instrument :

BNA_F

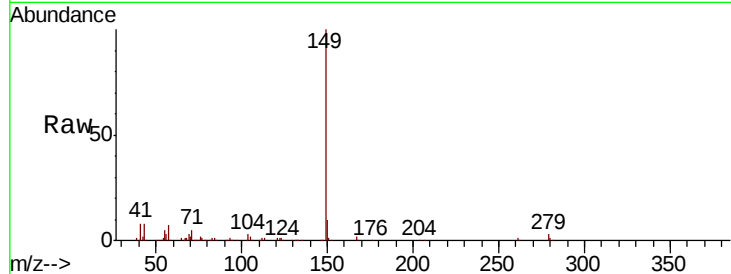
ClientSampleId :

PB123268BS

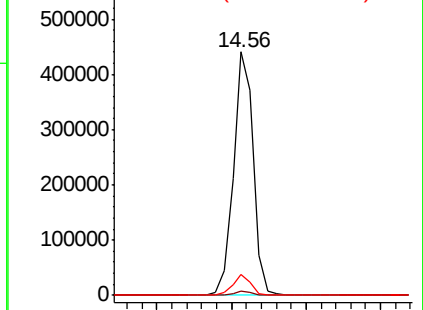
Tot Ion:	149	Resp:	408482
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	7.9	6.2	9.4

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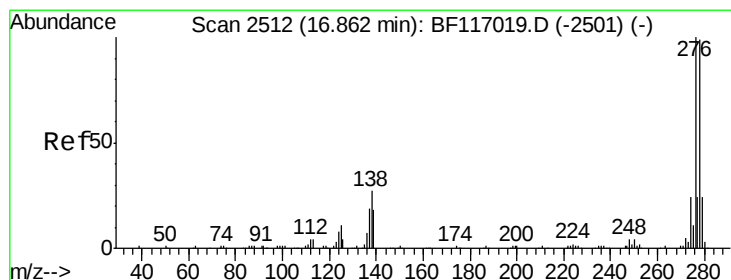
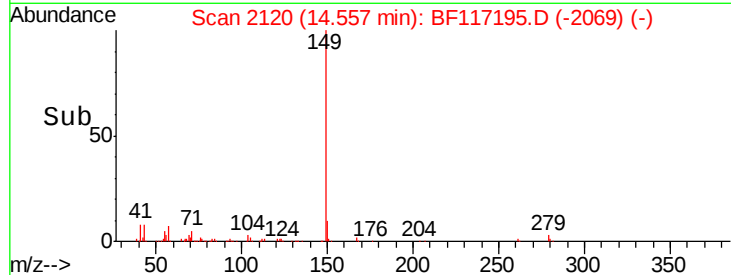
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Abundance Ion 149.00 (148.70 to 149.70): E
600000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 36.505 ng

RT: 16.89 min Scan# 2517

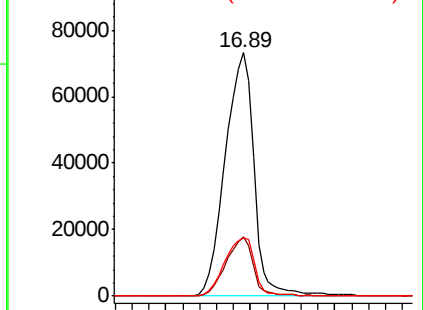
Delta R.T. 0.03 min

Lab File: BF117195.D

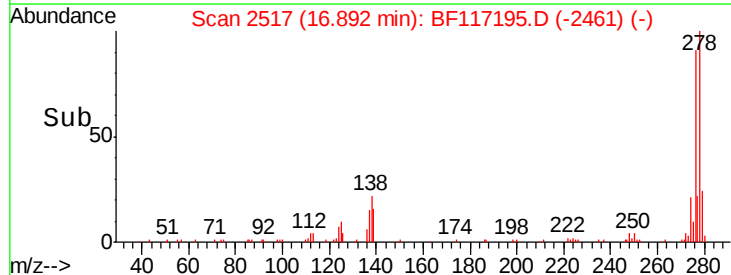
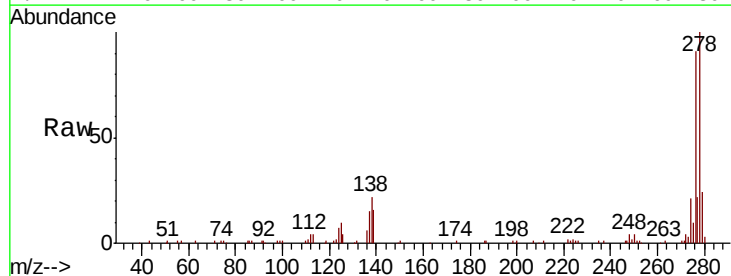
Acq: 20 Sep 2019 19:36

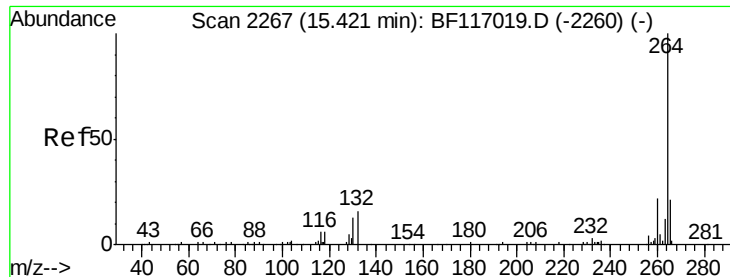
Tgt Ion:	276	Resp:	172588
Ion Ratio	Lower	Upper	
276	100		
138	22.9	20.7	31.1
277	24.9	19.8	29.8

Abundance Ion 276.00 (275.70 to 276.70): E
100000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





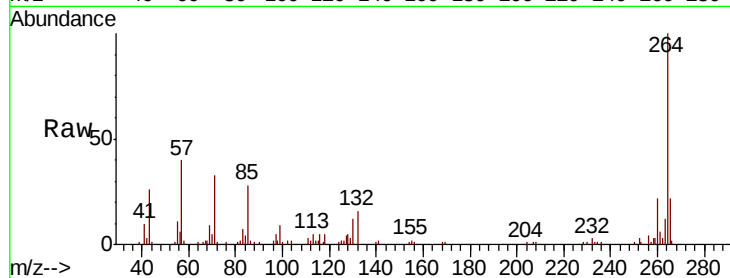
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

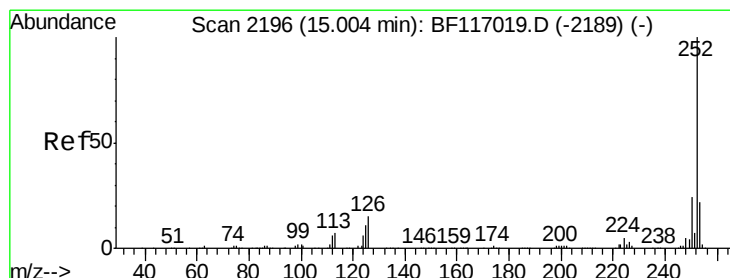
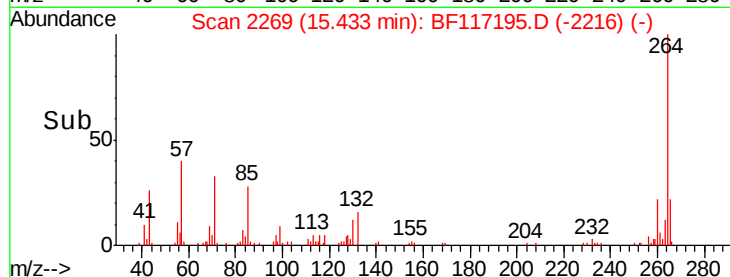
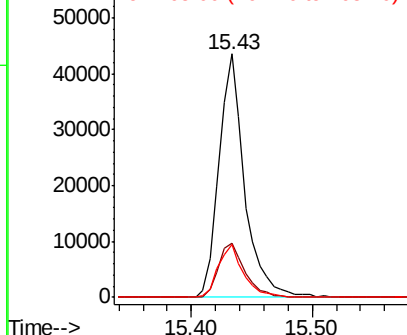
Tot Ion:	264	Resp:	63464
Ion Ratio	Lower	Upper	
264	100		
260	22.0	17.6	26.4
265	21.9	16.6	24.8

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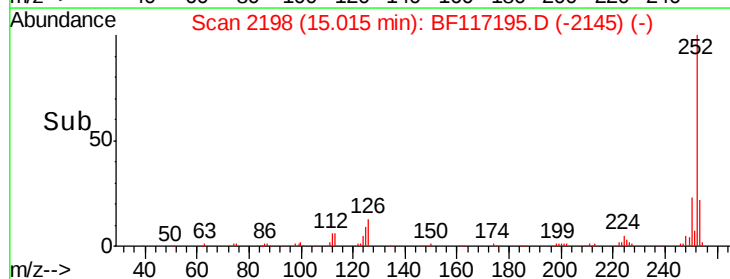
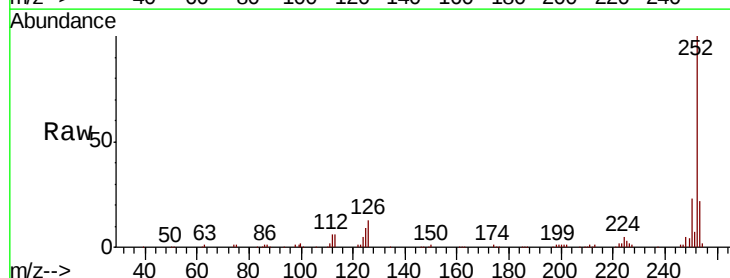
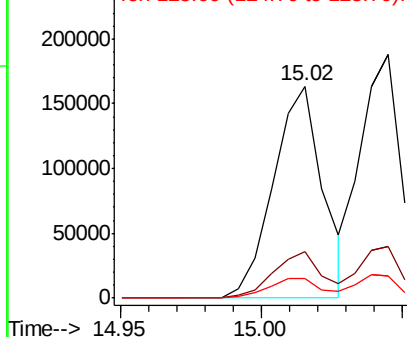
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 51.519 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion:	252	Resp:	198051
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	9.4	8.6	12.8

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





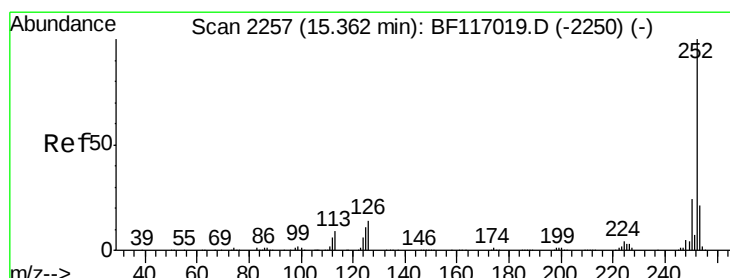
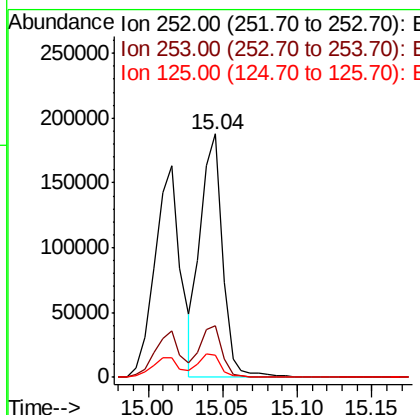
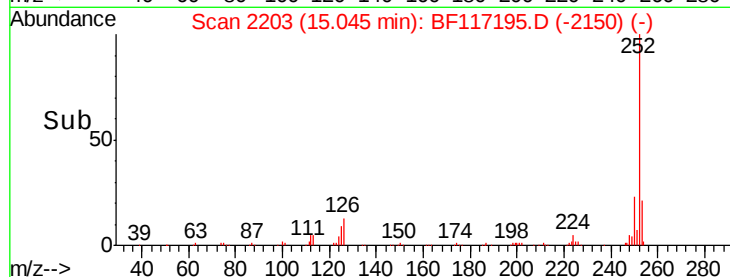
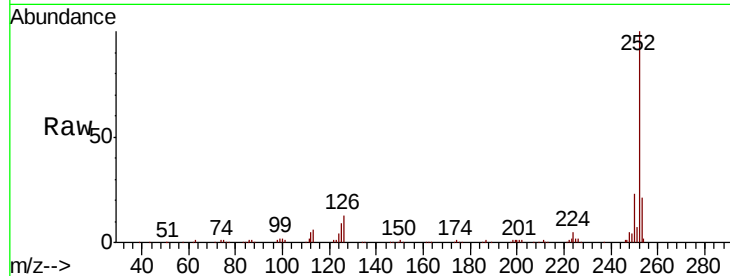
#89
Benzo(k)fluoranthene
Concen: 53.133 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.4	26.2
125	9.0	8.8	13.2

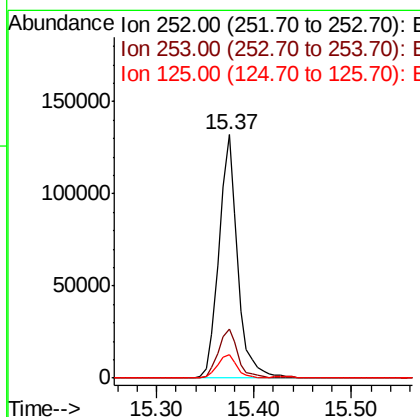
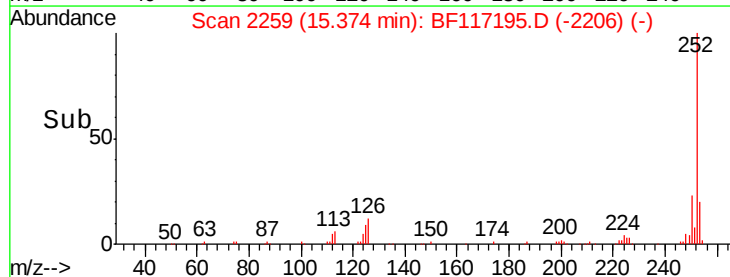
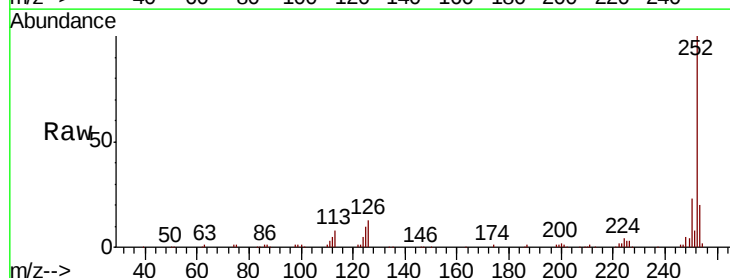
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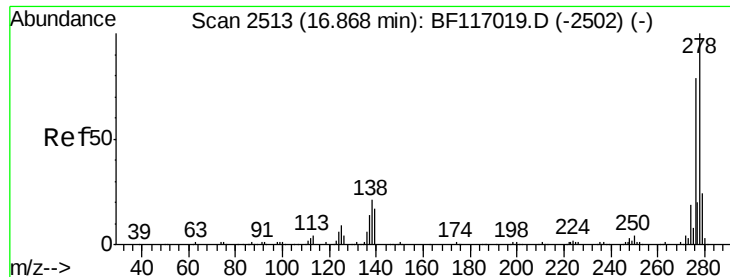
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#90
Benzo(a)pyrene
Concen: 52.119 ng
RT: 15.37 min Scan# 2259
Delta R.T. 0.01 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.3	16.6	25.0
125	9.5	8.9	13.3





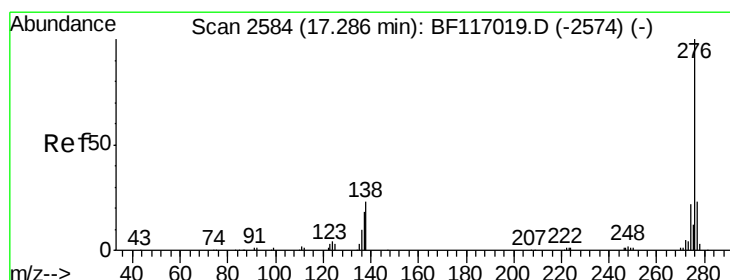
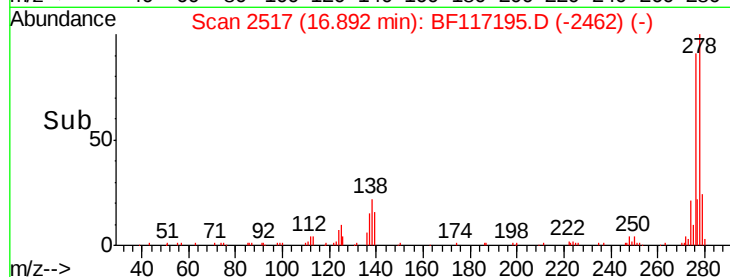
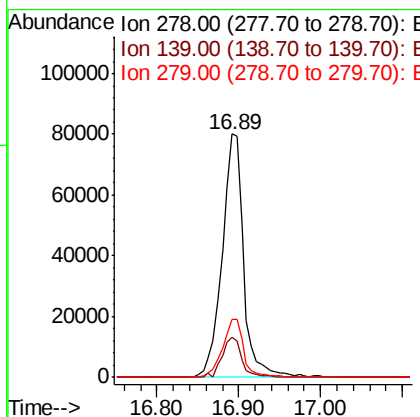
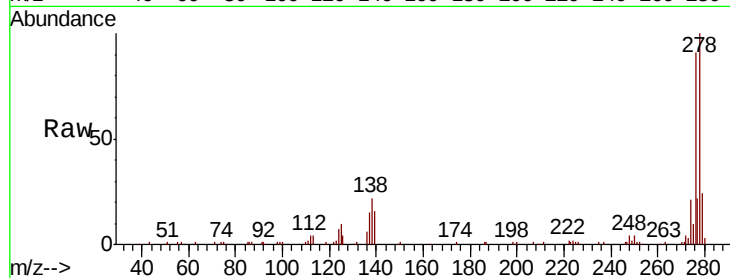
#91
Dibenzo(a,h)anthracene
Concen: 54.174 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.02 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Instrument :
BNA_F
ClientSampleId :
PB123268BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.2	13.5	20.3
279	23.9	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 49.848 ng
RT: 17.32 min Scan# 2589
Delta R.T. 0.03 min
Lab File: BF117195.D
Acq: 20 Sep 2019 19:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	17.4	18.0	27.0#

