

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
 Data File : BF117031.D
 Acq On : 13 Sep 2019 19:18
 Operator : HP/JU
 Sample : K4851-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

Manual Integrations
 APPROVED

Jagrut
 9/16/2019 3:29:34 PM

Quant Time: Sep 14 00:51:35 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	66981	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	270953	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	139473	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	235606	20.00	ng	0.00
76) Chrysene-d12	13.97	240	169554	20.00	ng	0.00
87) Perylene-d12	15.42	264	156450	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	367007	85.54	ng	0.00
7) Phenol-d6	6.46	99	533902	96.29	ng	0.00
23) Nitrobenzene-d5	7.38	82	327937	63.59	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	103402	88.71	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	559626	62.74	ng	0.00
79) Terphenyl-d14	12.92	244	547780	60.39	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.59	88	59480	33.132 ng	98
3) Pyridine	3.34	79	142324	28.964 ng	97
4) n-Nitrosodimethylamine	3.28	42	56719	33.636 ng	99
6) Aniline	6.48	93	174590	24.457 ng	96
8) 2-Chlorophenol	6.61	128	172163	37.198 ng	98
9) Benzaldehyde	6.37	77	101537	35.617 ng	98
10) Phenol	6.47	94	241460	39.504 ng	95
11) bis(2-Chloroethyl)ether	6.56	93	159991	35.614 ng	97
12) 1,3-Dichlorobenzene	6.76	146	177868	34.248 ng	98
13) 1,4-Dichlorobenzene	6.84	146	183019	34.531 ng	98
14) 1,2-Dichlorobenzene	6.99	146	169090	34.266 ng	97
15) Benzyl Alcohol	6.96	79	156025	36.696 ng	99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	152748	34.416 ng	99
17) 2-Methylphenol	7.07	107	143229	36.925 ng	97
18) Hexachloroethane	7.33	117	69747	34.207 ng	96
19) n-Nitroso-di-n-propylamine	7.23	70	123434	36.560 ng	99
20) 3+4-Methylphenols	7.23	107	180130	37.281 ng	96
22) Acetophenone	7.23	105	249686	36.270 ng	99
24) Nitrobenzene	7.40	77	190152	37.339 ng	94
25) Isophorone	7.64	82	338339	37.055 ng	99
26) 2-Nitrophenol	7.72	139	87507	40.004 ng	97
27) 2,4-Dimethylphenol	7.76	122	147988	42.662 ng	97
28) bis(2-Chloroethoxy)methane	7.85	93	203496	36.174 ng	99
29) 2,4-Dichlorophenol	7.96	162	138881	38.210 ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	138563	35.286 ng	97
31) Naphthalene	8.12	128	485746	37.276 ng	100
32) Benzoic acid	7.87	122	63712	27.577 ng	98
33) 4-Chloroaniline	8.17	127	88679	15.343 ng	98
34) Hexachlorobutadiene	8.25	225	77235	34.667 ng	97
35) Caprolactam	8.53	113	47374m	38.507 ng	
36) 4-Chloro-3-methylphenol	8.66	107	165890	39.142 ng	98
37) 2-Methylnaphthalene	8.82	142	331545	37.783 ng	97
38) 1-Methylnaphthalene	8.92	142	306793	37.329 ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	128663	35.724 ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	123368	77.739	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	92041	37.658	nq	97
44) 2,4,5-Trichlorophenol	9.13	196	99648	38.160	nq	98
46) 1,1'-Biphenyl	9.27	154	398878	36.460	nq	99
47) 2-Chloronaphthalene	9.30	162	309702	35.869	nq	99
48) 2-Nitroaniline	9.39	65	98204	35.460	nq	94
49) Acenaphthylene	9.72	152	495243	38.289	nq	100
50) Dimethylphthalate	9.57	163	428898	43.431	nq	98
51) 2,6-Dinitrotoluene	9.63	165	78112	38.837	nq	86
52) Acenaphthene	9.89	154	280330	36.561	nq	99
53) 3-Nitroaniline	9.80	138	59837	23.580	nq	95
54) 2,4-Dinitrophenol	9.92	184	53854	64.072	nq	98
55) Dibenzofuran	10.06	168	433312	38.303	nq	97
56) 4-Nitrophenol	9.97	139	128834	78.334	nq	93
57) 2,4-Dinitrotoluene	10.04	165	106334	40.729	nq	97
58) Fluorene	10.40	166	346080	37.978	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.18	232	77346	38.706	nq	99
60) Diethylphthalate	10.27	149	364533	37.520	nq	97
61) 4-Chlorophenyl-phenylether	10.39	204	146976	37.277	nq	99
62) 4-Nitroaniline	10.42	138	99885	37.849	nq	97
63) Azobenzene	10.55	77	377829	38.076	nq	98
65) 4,6-Dinitro-2-methylphenol	10.45	198	41561	40.050	nq	90
66) n-Nitrosodiphenylamine	10.51	169	303733	37.328	nq	97
67) 4-Bromophenyl-phenylether	10.88	248	85053	35.349	nq	94
68) Hexachlorobenzene	10.95	284	91409	34.734	nq	95
69) Atrazine	11.03	200	86134	41.719	nq	96
70) Pentachlorophenol	11.15	266	93337	75.662	nq	94
71) Phenanthrene	11.36	178	496507	37.102	nq	99
72) Anthracene	11.41	178	527158	38.585	nq	99
73) Carbazole	11.56	167	499500	38.517	nq	99
74) Di-n-butylphthalate	11.89	149	589471	38.204	nq	99
75) Fluoranthene	12.55	202	523364	38.062	nq	98
77) Benzidine	12.66	184	246725	45.173	nq	99
78) Pyrene	12.77	202	529318	37.206	nq	99
80) Butylbenzylphthalate	13.39	149	254688	37.886	nq	96
81) Benzo(a)anthracene	13.96	228	407350	35.959	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	74925	20.525	nq	94
83) Chrysene	14.00	228	412314	37.318	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	336679	38.843	nq	99
85) Di-n-octyl phthalate	14.56	149	529026	38.779	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	332514	41.252	nq	99
88) Benzo(b)fluoranthene	15.00	252	345218m	36.428	nq	
89) Benzo(k)fluoranthene	15.03	252	318822	35.515	nq	# 97
90) Benzo(a)pyrene	15.36	252	313831	37.738	nq	99
91) Dibenzo(a,h)anthracene	16.86	278	273829	41.334	nq	99
92) Benzo(g,h,i)perylene	17.29	276	282224	42.751	nq	99

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

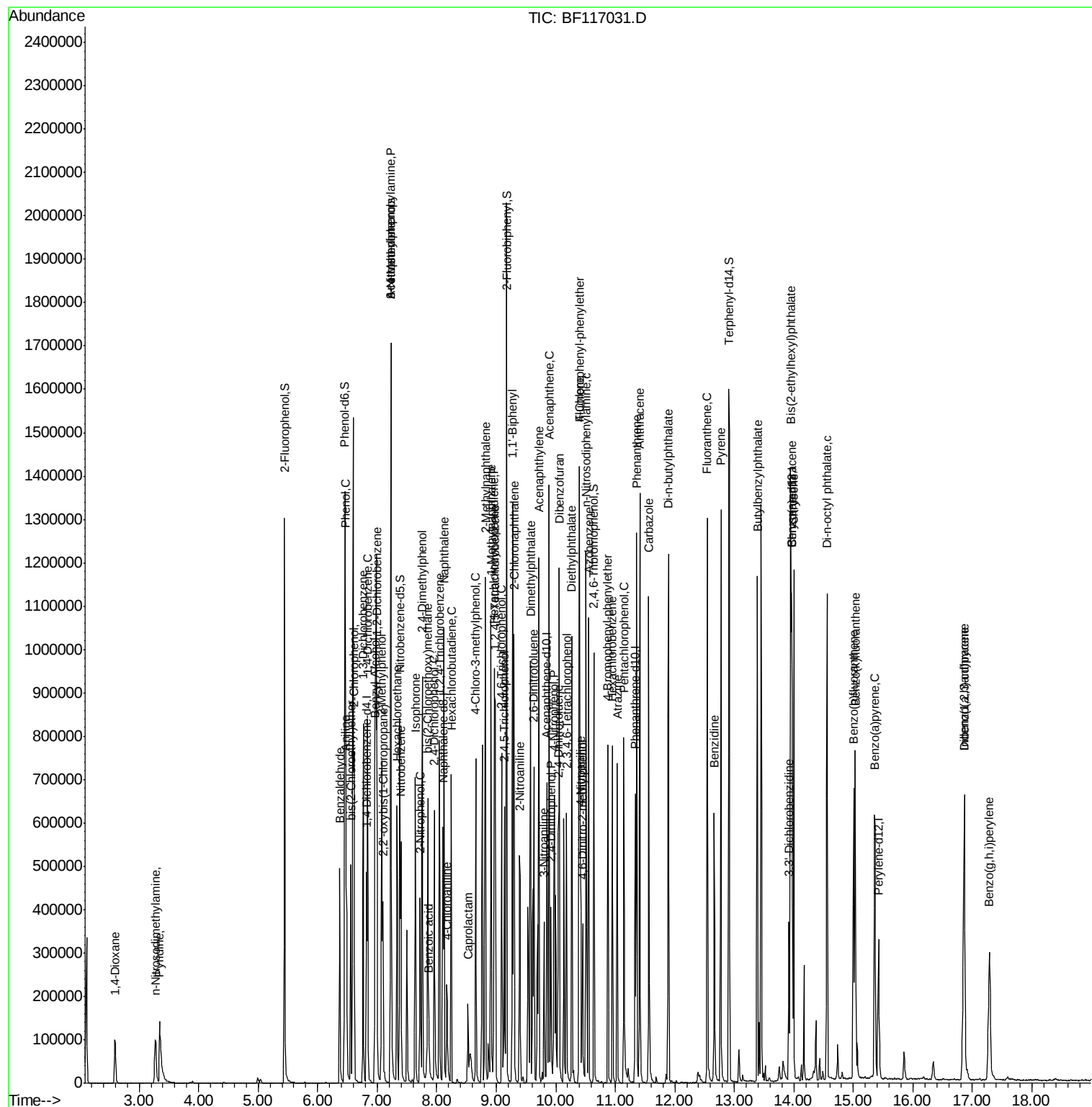
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091319\
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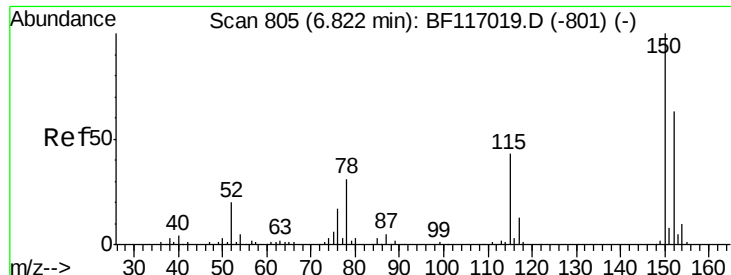
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#1

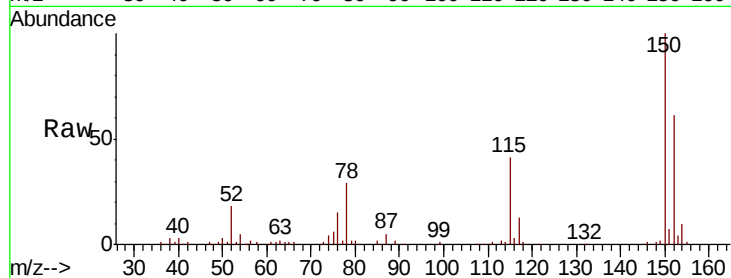
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	127.5	191.3
115	66.8	55.0	82.4

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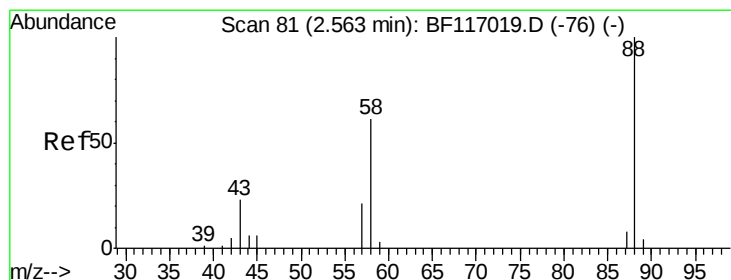
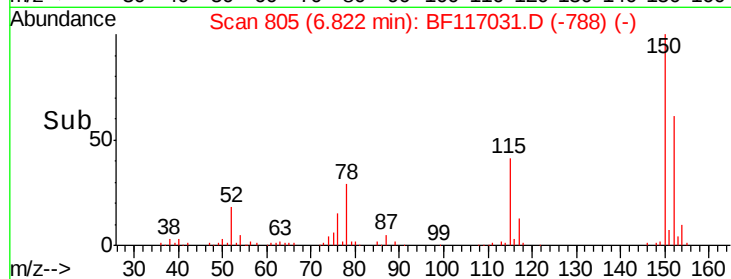
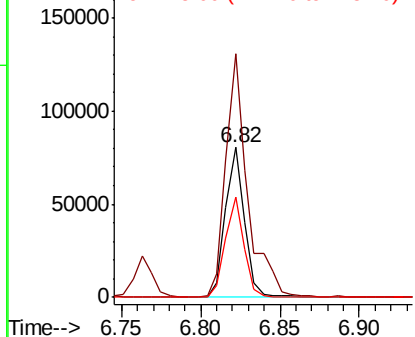


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

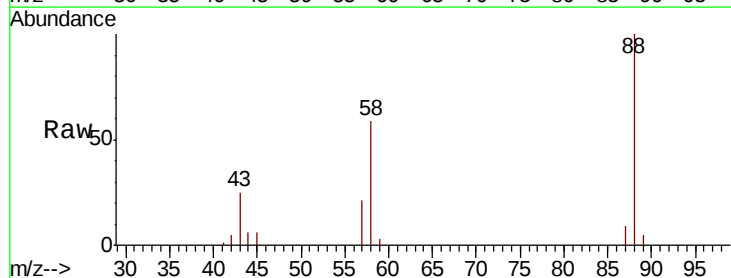
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.132 ng
RT: 2.59 min Scan# 86
Delta R.T. 0.03 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
88	100		
58	61.0	49.3	73.9
43	26.0	18.8	28.2

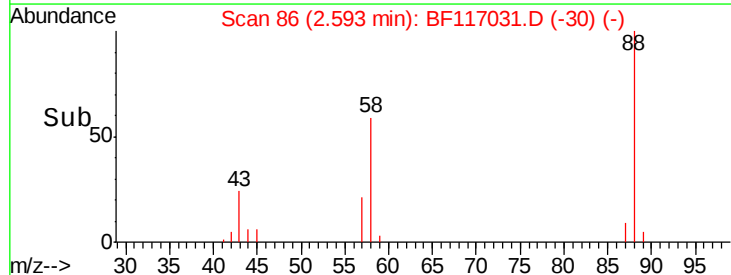
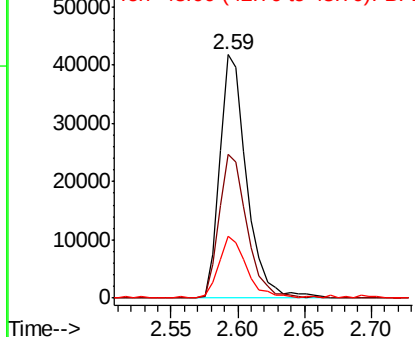


Abundance

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: 28.964 ng

RT: 3.34 min Scan# 213

Delta R.T. 0.04 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

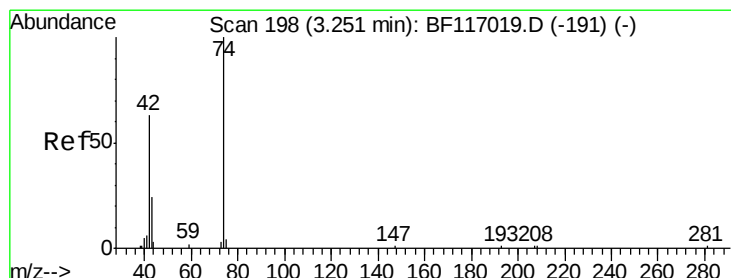
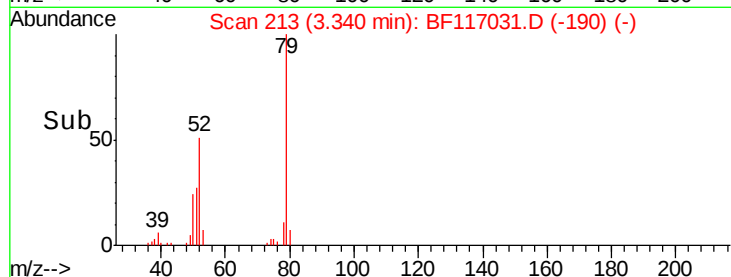
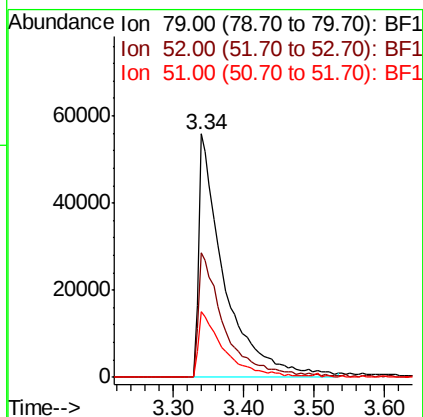
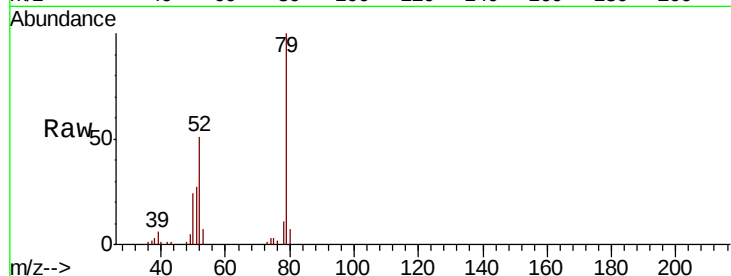
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	79	Resp:	142324
Ion Ratio	Lower	Upper	
79	100		
52	51.2	43.5	65.3
51	26.9	21.8	32.6

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#4

n-Nitrosodimethylamine

Concen: 33.636 ng

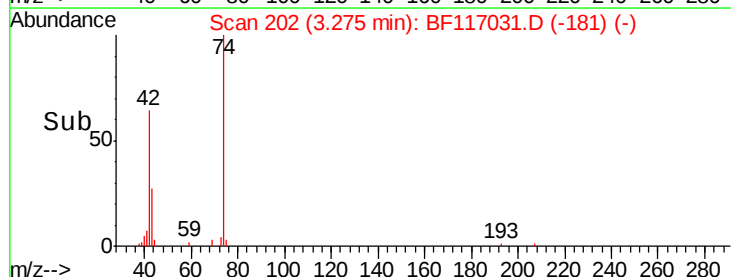
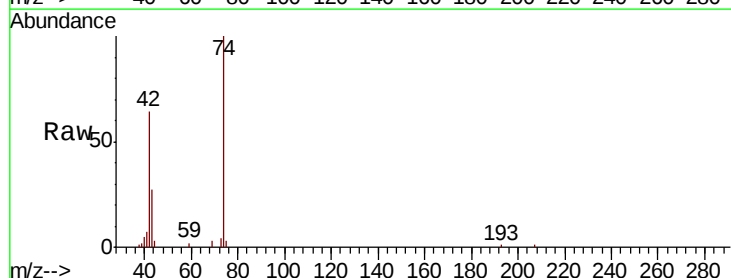
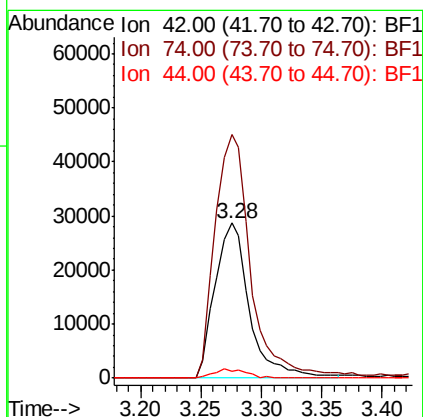
RT: 3.28 min Scan# 202

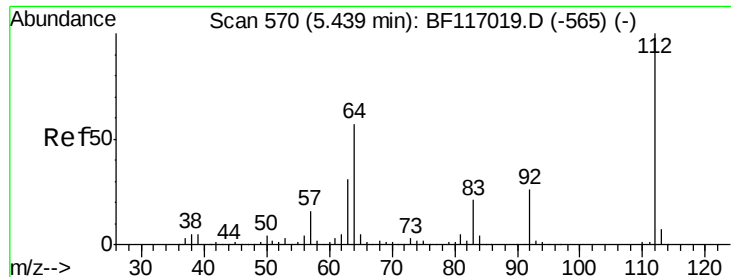
Delta R.T. 0.02 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Tgt Ion:	42	Resp:	56719
Ion Ratio	Lower	Upper	
42	100		
74	157.1	127.1	190.7
44	4.6	4.3	6.5





#5

2-Fluorophenol

Concen: 85.545 ng

RT: 5.45 min Scan# 571

Delta R.T. 0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

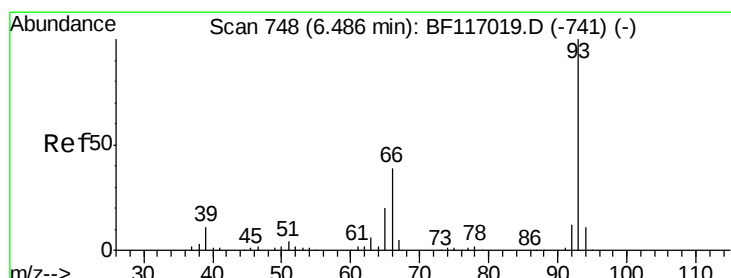
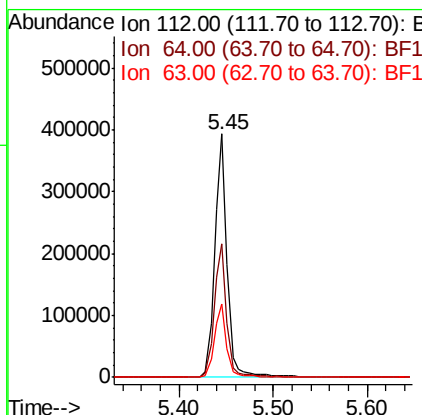
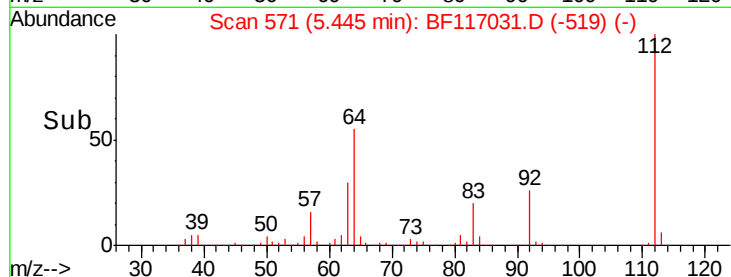
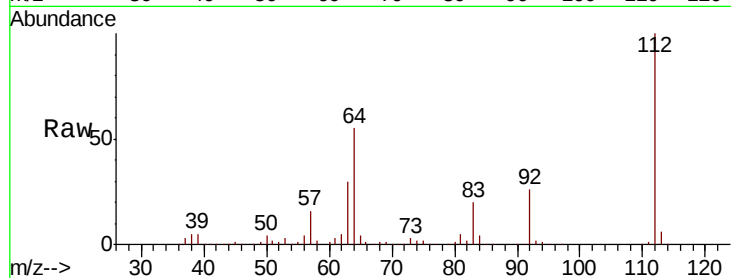
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	112	Resp:	367007
Ion Ratio	Lower	Upper	
112	100		
64	54.9	45.7	68.5
63	29.9	24.9	37.3

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#6

Aniline

Concen: 24.457 ng

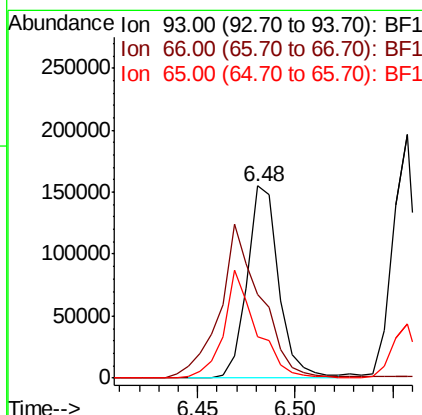
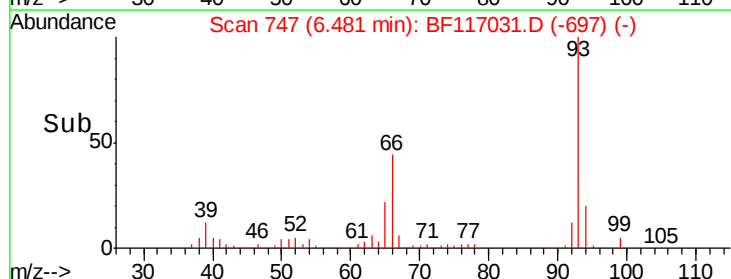
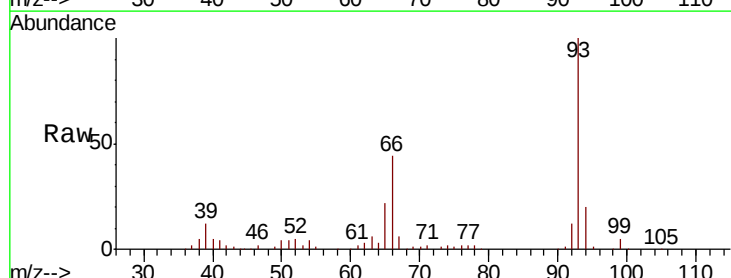
RT: 6.48 min Scan# 747

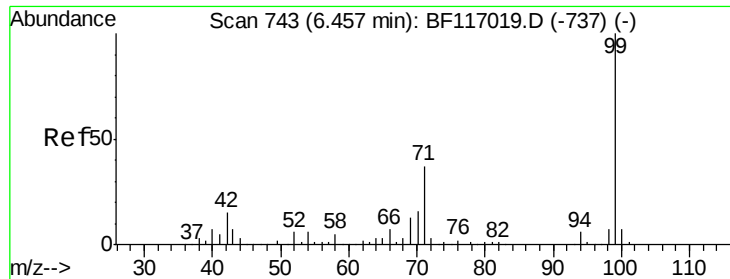
Delta R.T. -0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Tgt Ion:	93	Resp:	174590
Ion Ratio	Lower	Upper	
93	100		
66	43.7	32.6	49.0
65	21.7	16.7	25.1





#7

Phenol-d6

Concen: 96.294 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

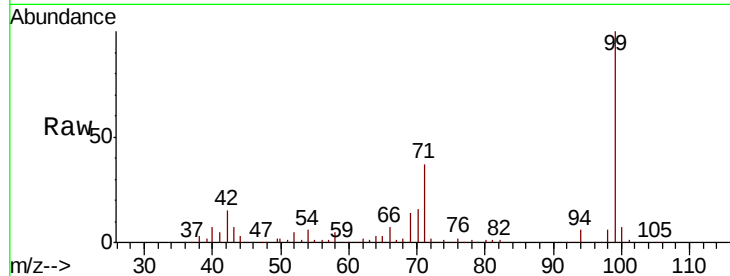
ClientSampleId :

SB-3C-(9-10)MS

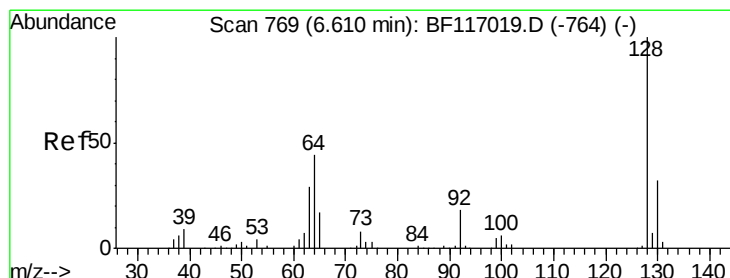
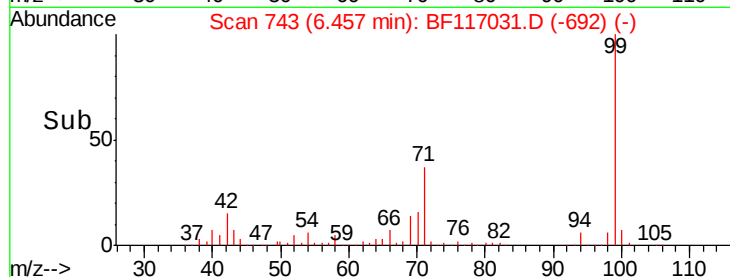
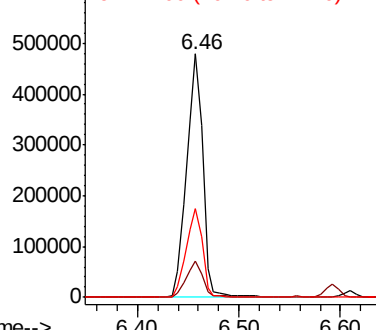
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		533902		
42	14.9	12.2	18.2		
71	36.7	29.8	44.8		

Manual Integrations
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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: 37.198 ng

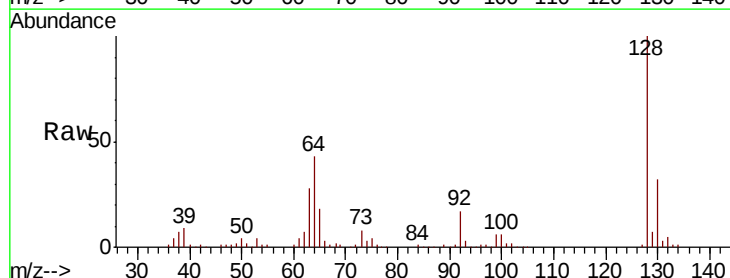
RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

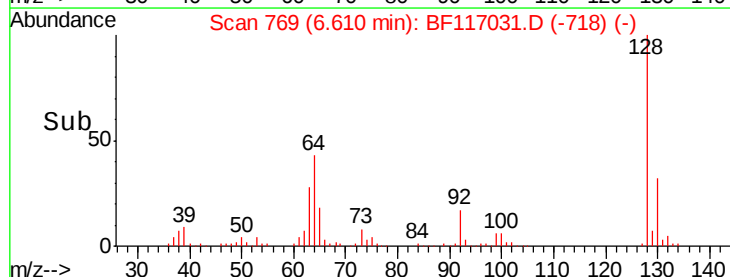
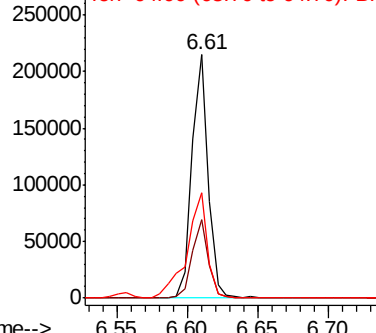
Lab File: BF117031.D

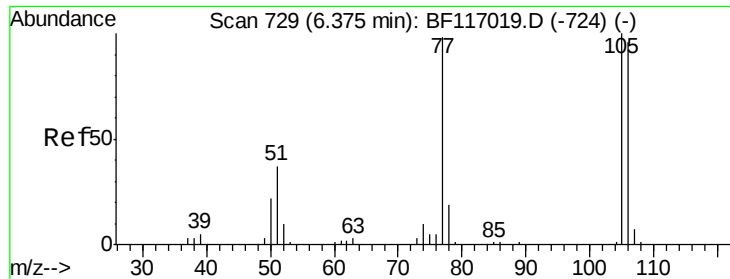
Acq: 13 Sep 2019 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		172163		
130	32.3	11.8	51.8		
64	43.3	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





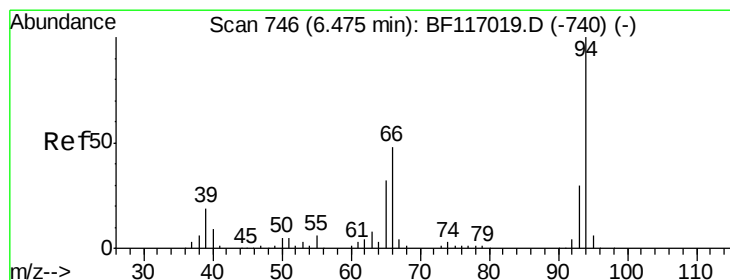
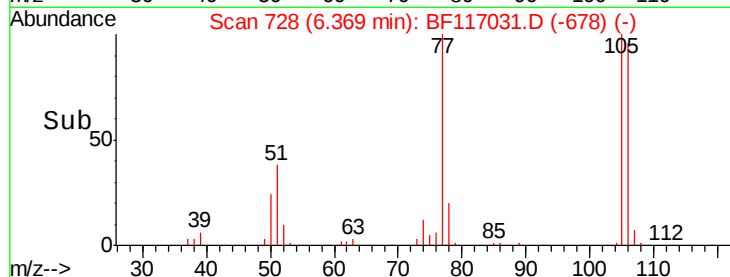
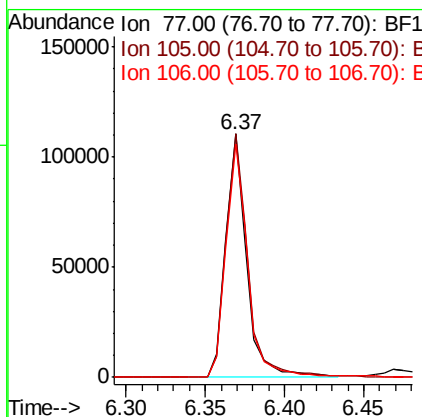
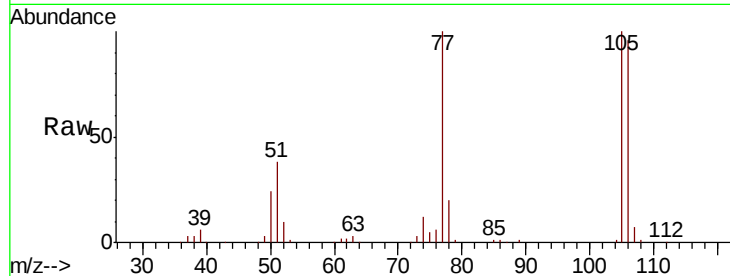
#9
Benzaldehyde
Concen: 35.617 ng
RT: 6.37 min Scan# 728
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
77	100		
105	99.9	81.8	121.8
106	95.9	77.3	117.3

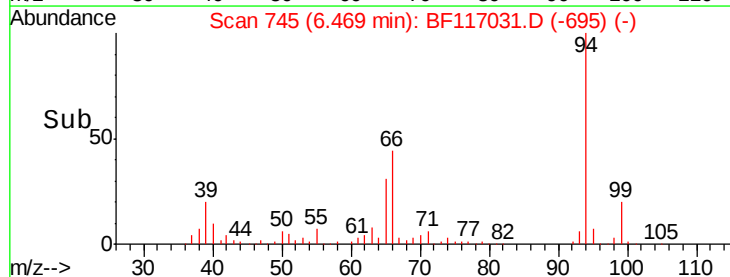
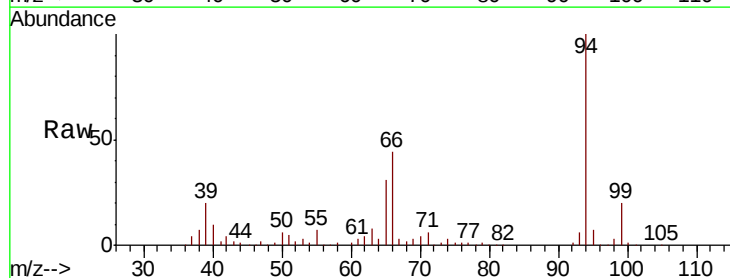
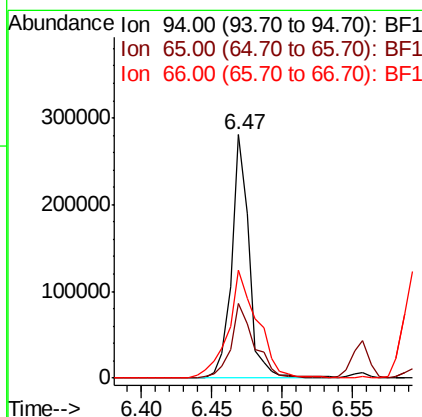
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#10
Phenol
Concen: 39.504 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
94	100		
65	30.9	12.5	52.5
66	44.2	28.9	68.9





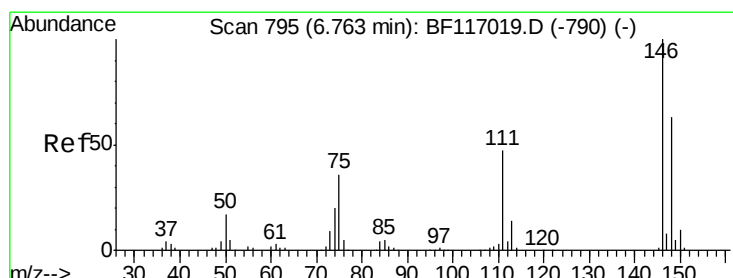
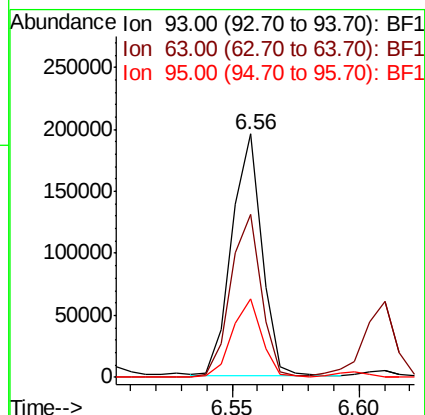
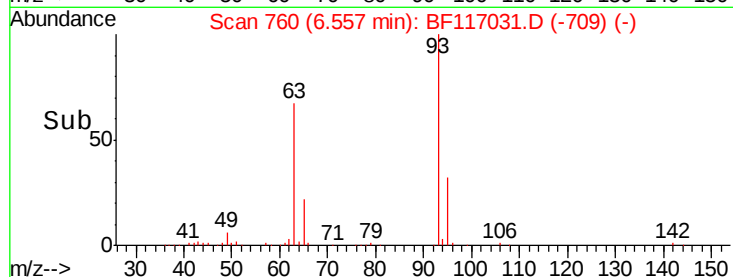
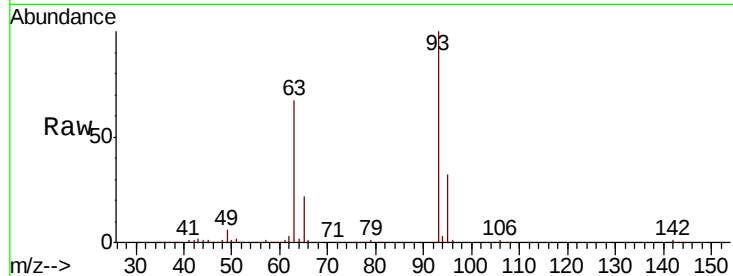
#11
bis(2-Chloroethyl)ether
Concen: 35.614 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	93	Resp	159991
Ion Ratio	Lower	Upper	
93	100		
63	66.9	49.3	89.3
95	32.4	11.5	51.5

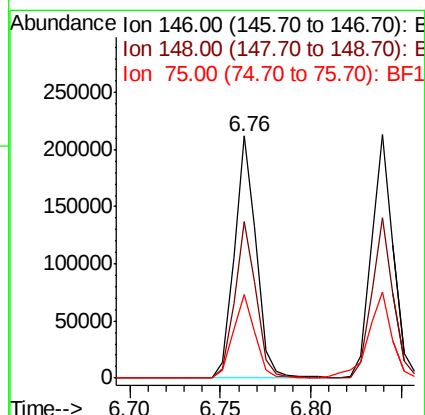
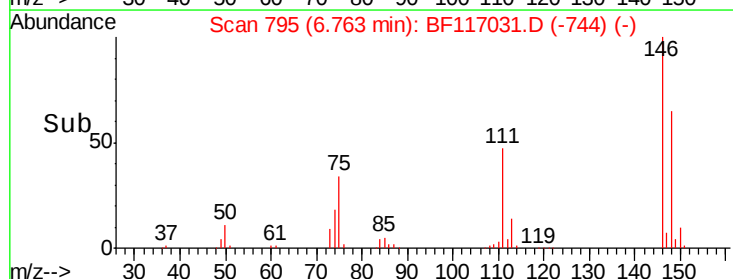
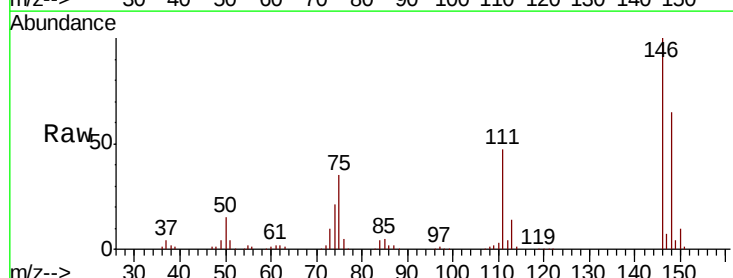
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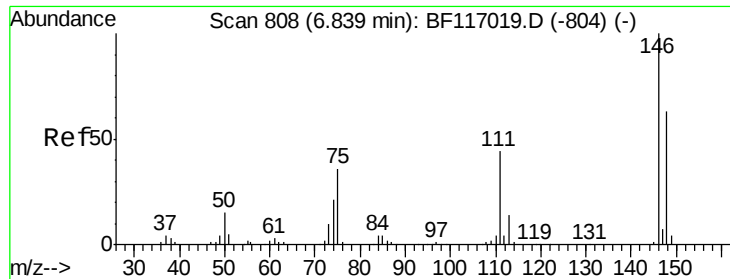
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#12
1,3-Dichlorobenzene
Concen: 34.248 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	146	Resp	177868
Ion Ratio	Lower	Upper	
146	100		
148	64.8	50.8	76.2
75	34.6	28.7	43.1





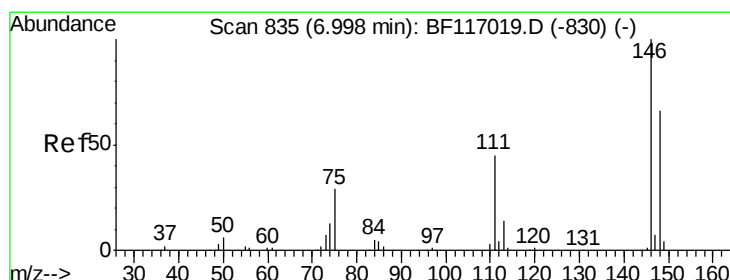
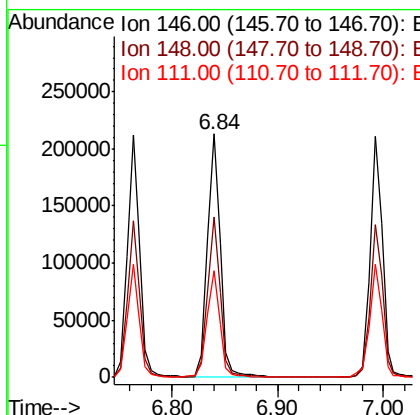
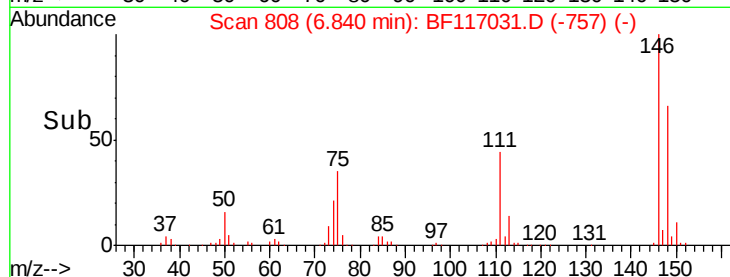
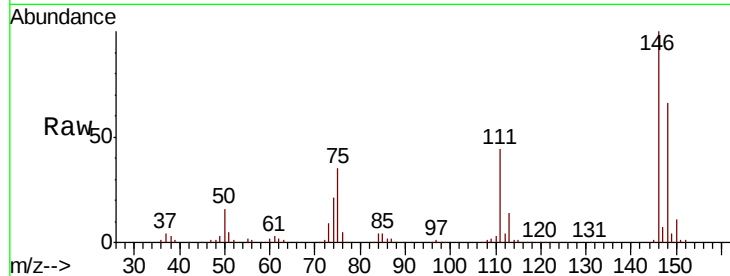
#13
 1,4-Dichlorobenzene
 Concen: 34.531 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.7	50.6	76.0
111	44.0	35.0	52.6

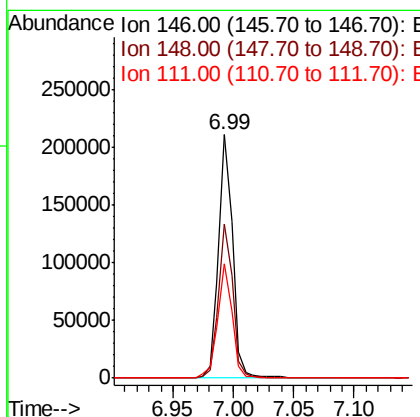
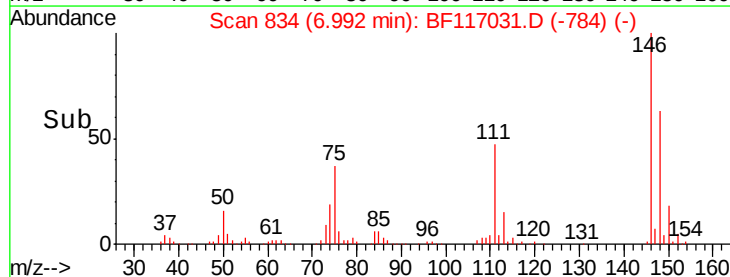
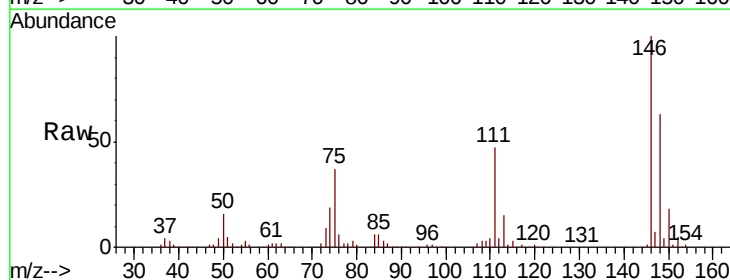
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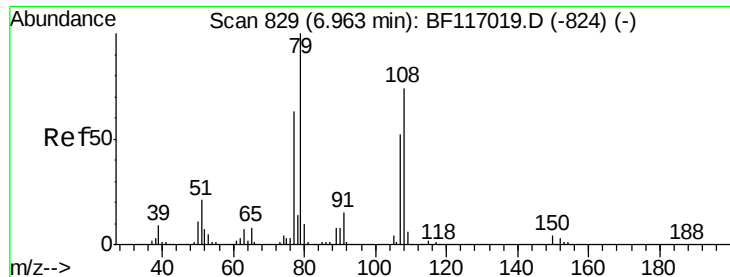
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#14
 1,2-Dichlorobenzene
 Concen: 34.266 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	52.6	78.8
111	47.0	36.2	54.2





#15

Benzyl Alcohol

Concen: 36.696 ng

RT: 6.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

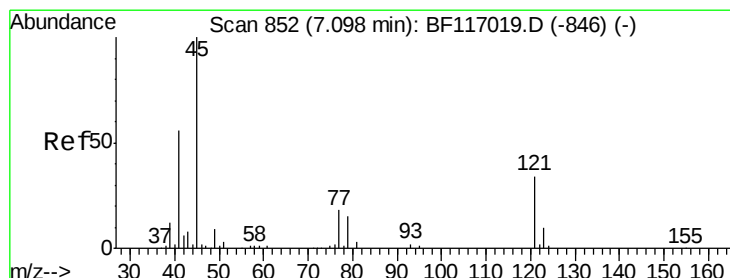
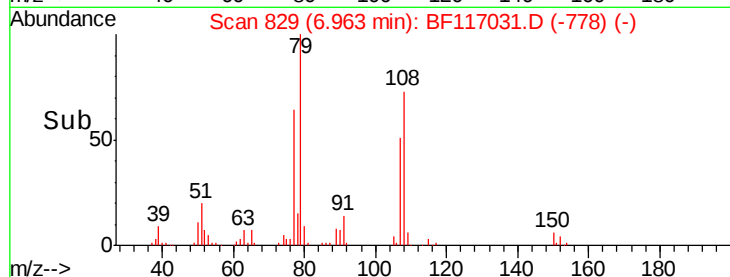
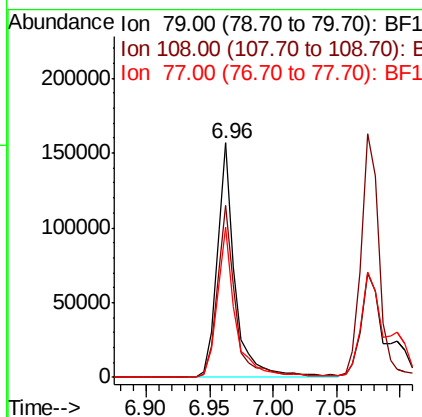
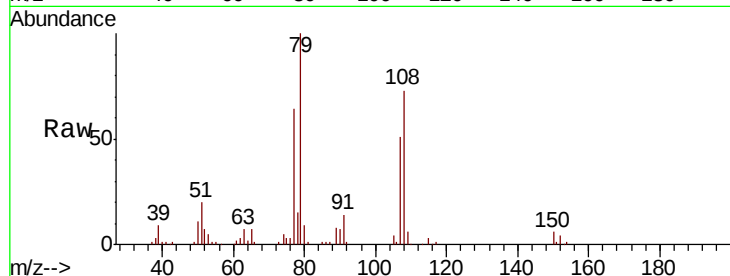
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion	79	Resp	156025
Ion Ratio	Lower	Upper	
79	100		
108	73.5	59.4	89.0
77	64.3	50.2	75.2

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#16

2,2'-oxybis(1-chloropropane)

Concen: 34.416 ng

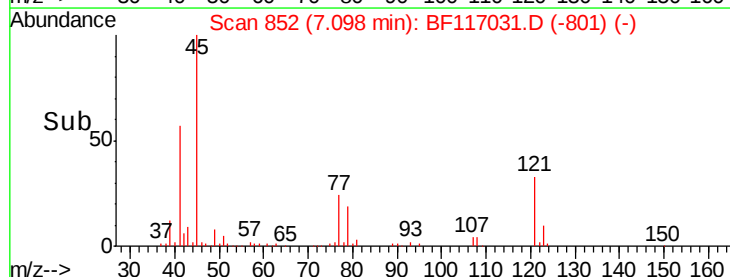
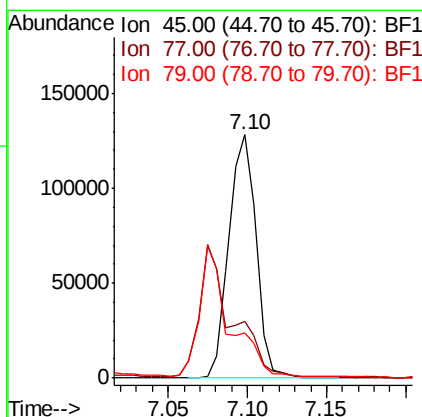
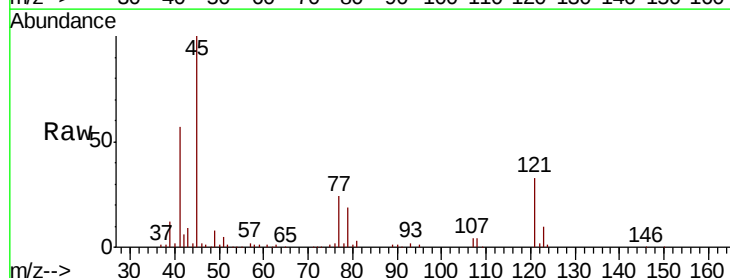
RT: 7.10 min Scan# 852

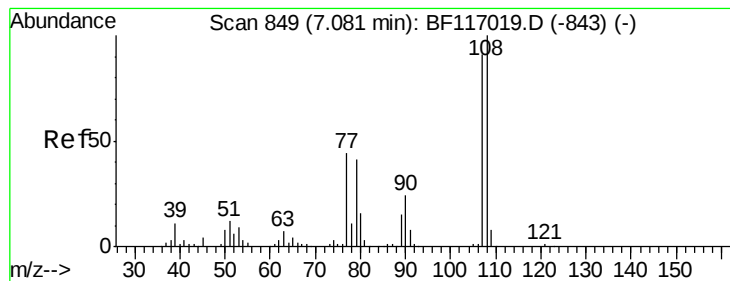
Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Tgt Ion	45	Resp	152748
Ion Ratio	Lower	Upper	
45	100		
77	23.5	2.7	42.7
79	18.6	0.0	38.9





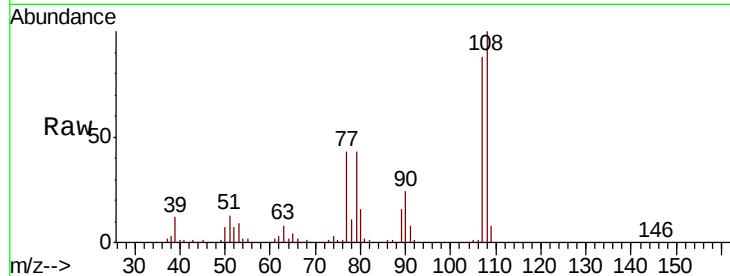
#17
2-Methylphenol
Concen: 36.925 ng
RT: 7.07 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

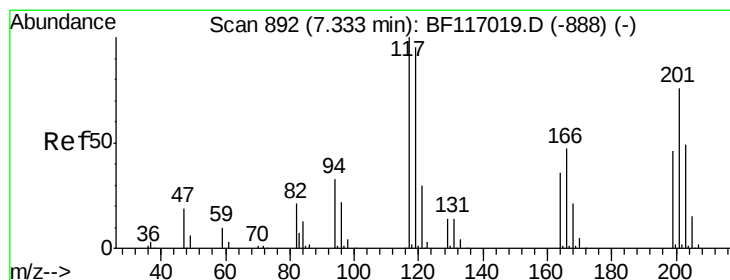
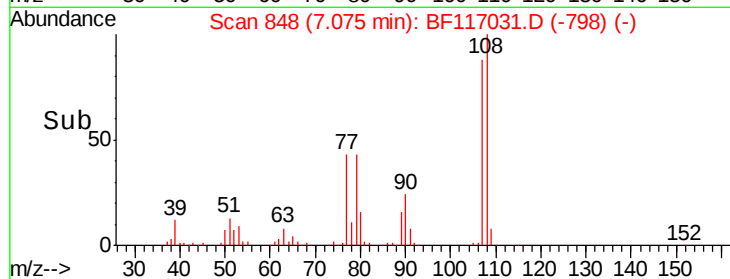
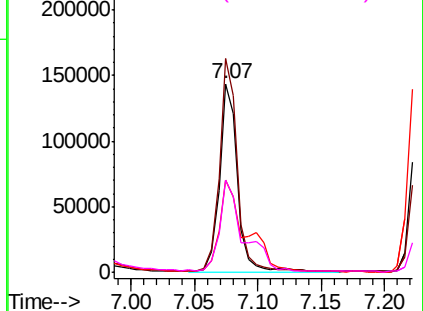
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.5	87.7	131.5	
77	48.9	38.6	58.0	
79	48.7	36.8	55.2	

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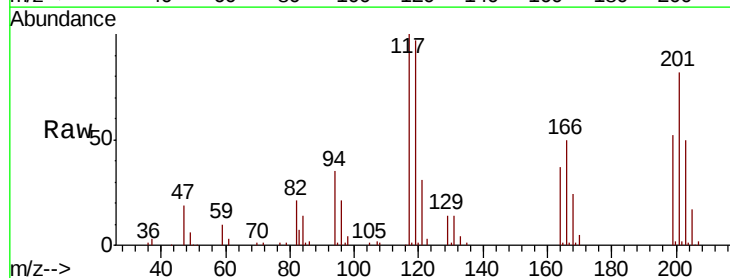


Abundance Ion 107.00 (106.70 to 107.70): E
250000 Ion 108.00 (107.70 to 108.70): E
200000 Ion 77.00 (76.70 to 77.70): BF1
150000 Ion 79.00 (78.70 to 79.70): BF1
100000
50000
0

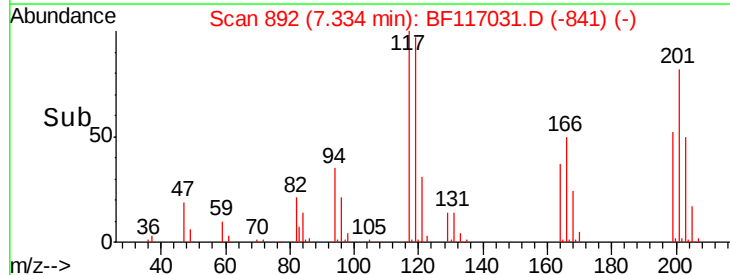
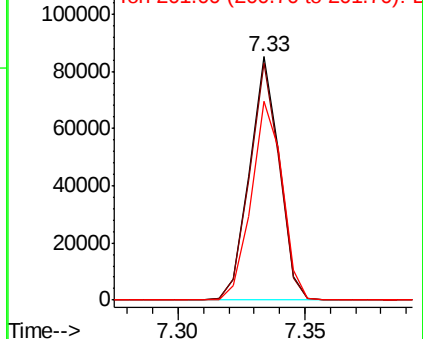


#18
Hexachloroethane
Concen: 34.207 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.3	75.8	113.8	
201	81.9	60.9	91.3	



Abundance Ion 117.00 (116.70 to 117.70): E
100000 Ion 119.00 (118.70 to 119.70): E
80000 Ion 201.00 (200.70 to 201.70): E
60000
40000
20000
0





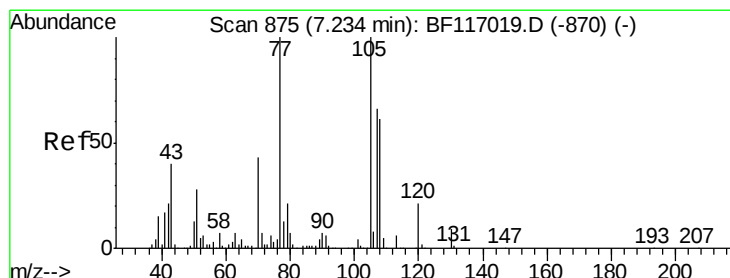
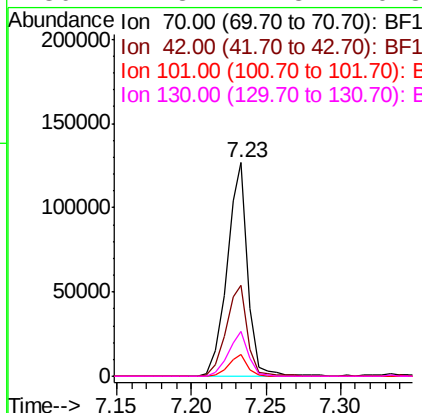
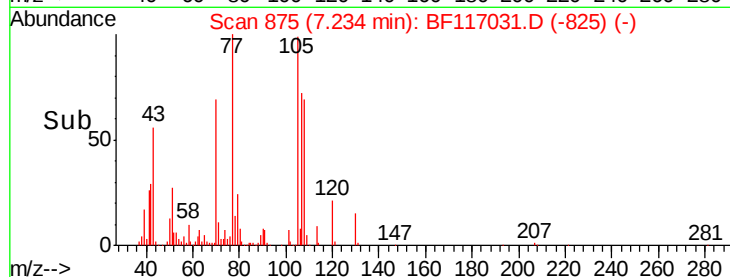
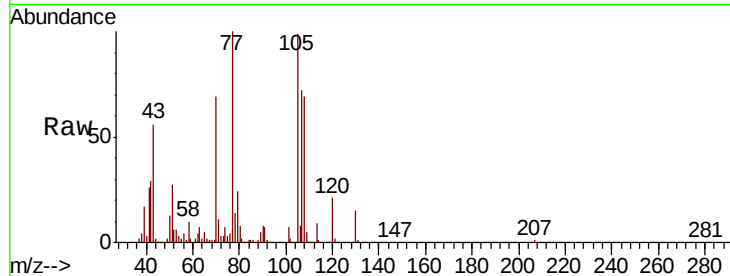
#19
n-Nitroso-di-n-propylamine
Concen: 36.560 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	42.5	34.0	51.0
101	10.0	7.8	11.6
130	21.3	17.8	26.8

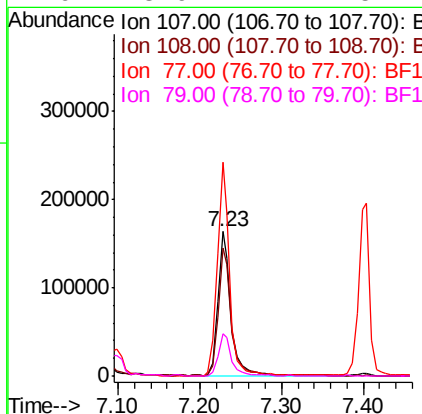
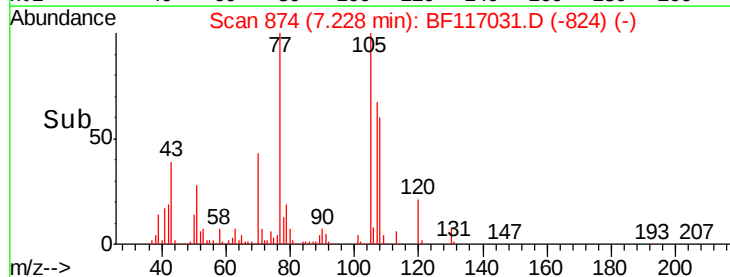
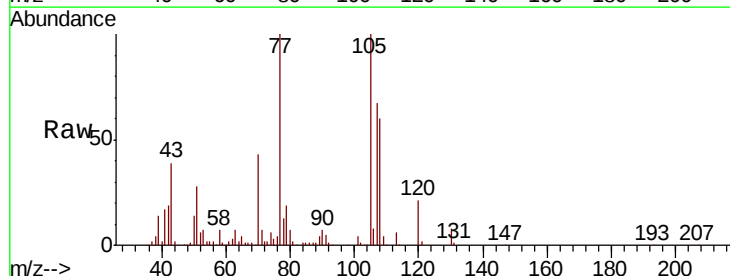
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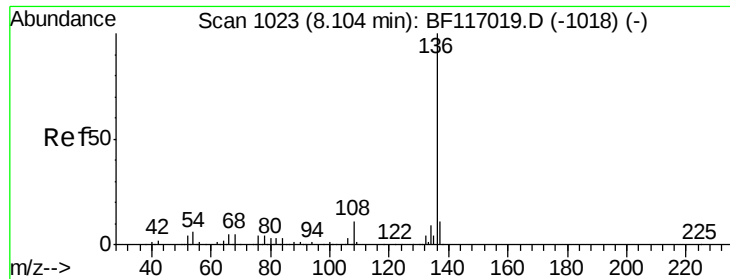
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#20
3+4-Methylphenols
Concen: 37.281 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.4	72.6	112.6
77	148.1	132.1	172.1
79	28.9	12.1	52.1





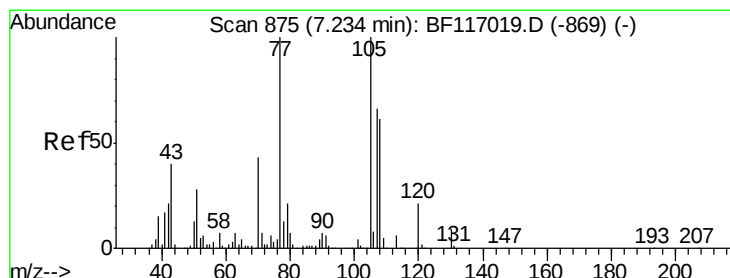
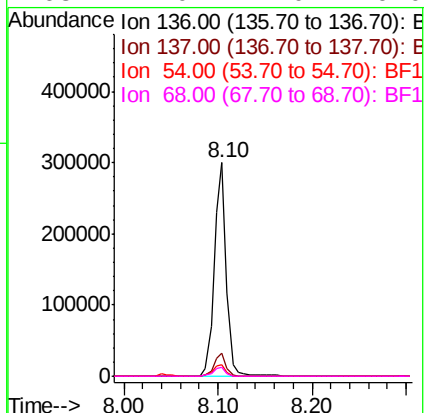
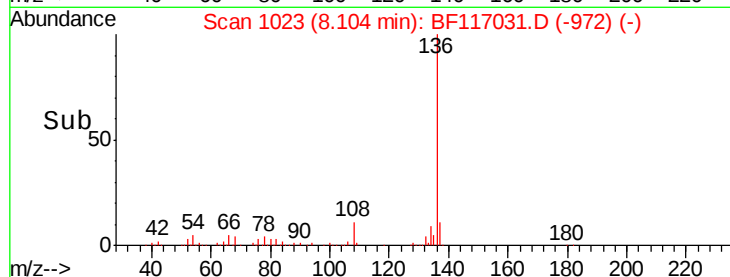
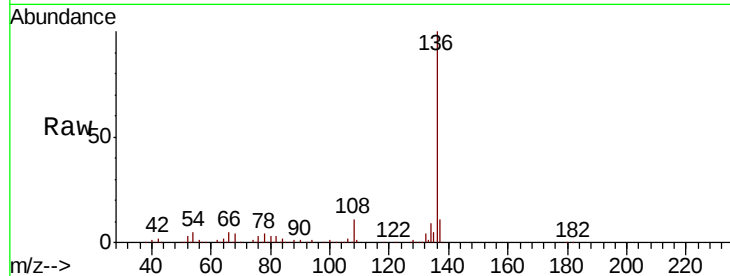
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		270953		
137	10.7		9.0	13.4	
54	5.1		4.5	6.7	
68	4.0		4.0	6.0	

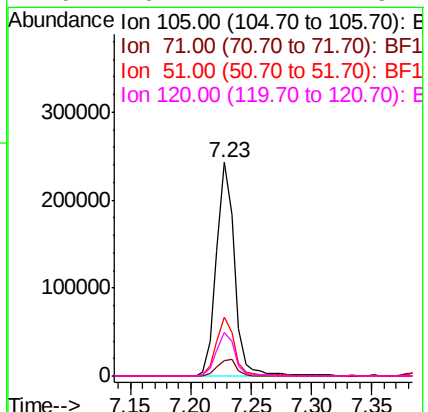
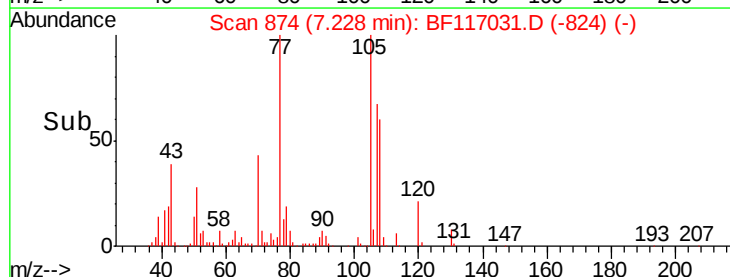
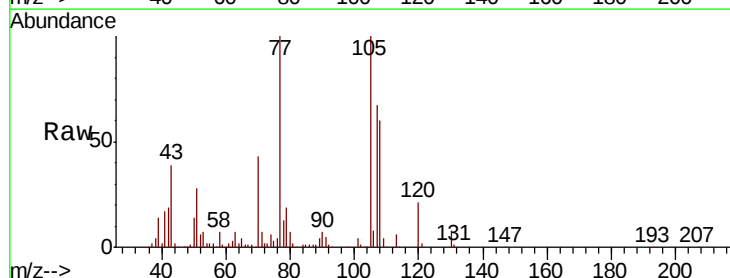
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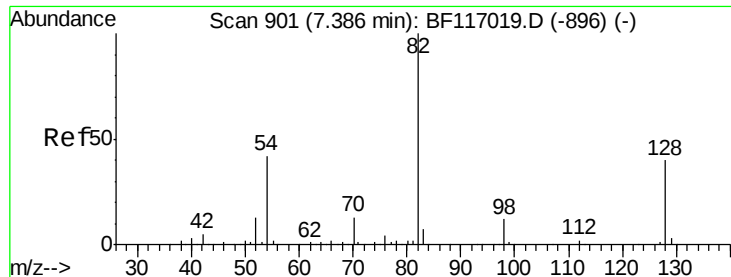
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#22
Acetophenone
Concen: 36.270 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		249686		
71	7.2		5.7	8.5	
51	27.6		22.1	33.1	
120	20.7		17.1	25.7	





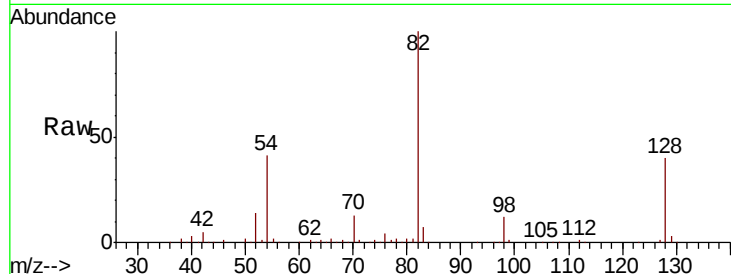
#23
 Nitrobenzene-d5
 Concen: 63.593 ng
 RT: 7.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	327937		
128	40.3		32.3	48.5
54	41.3		33.3	49.9

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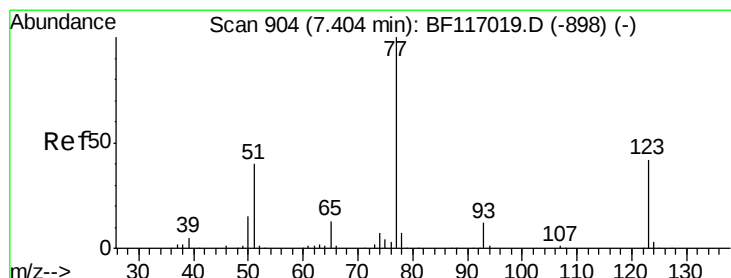
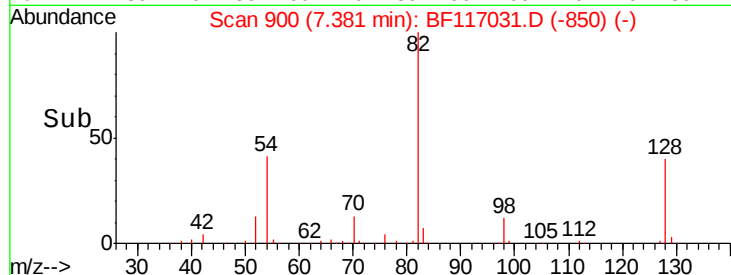
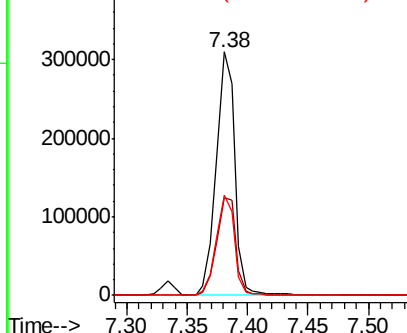


Abundance

Ion 82.00 (81.70 to 82.70): BF1

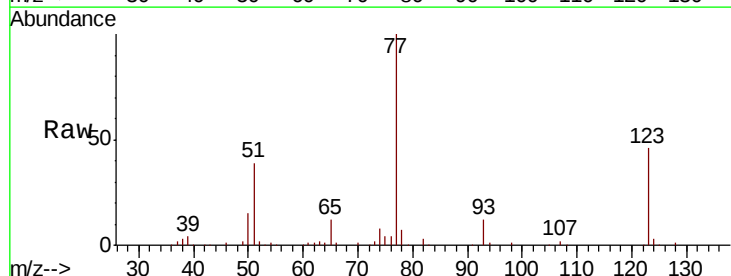
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
 Nitrobenzene
 Concen: 37.339 ng
 RT: 7.40 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	190152		
123	46.1		33.5	50.3
65	12.4		10.5	15.7

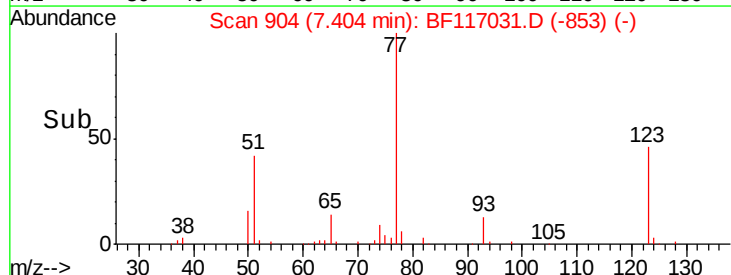
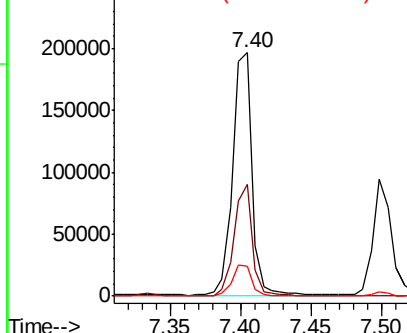


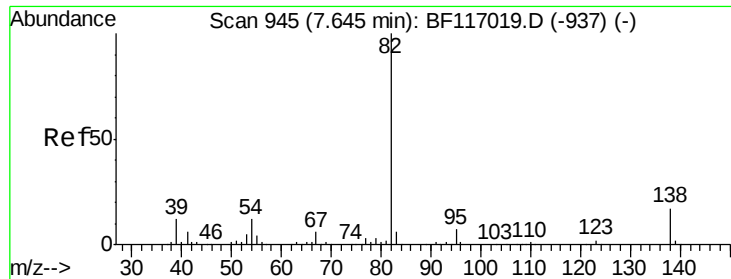
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.055 ng

RT: 7.64 min Scan# 944

Delta R.T. -0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

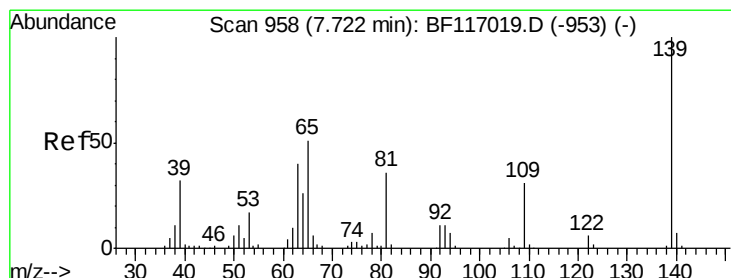
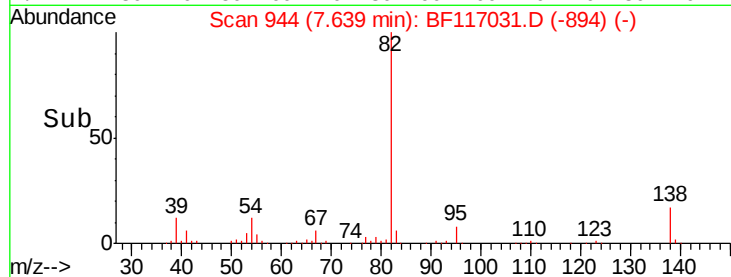
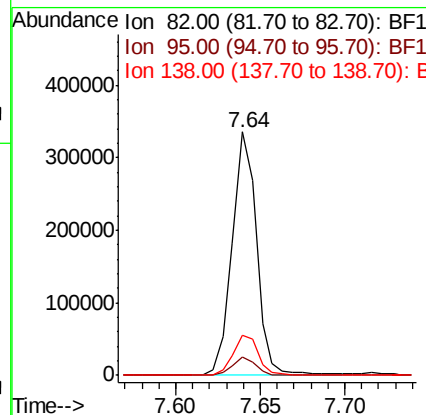
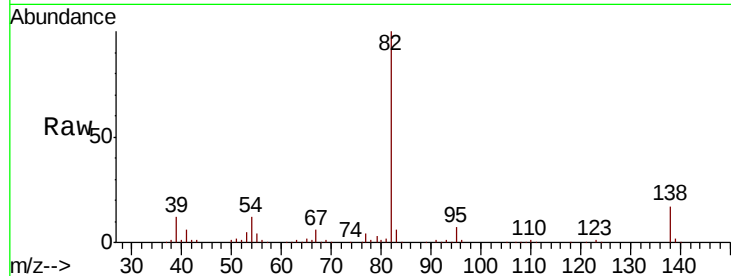
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion:	82	Resp:	338339
Ion Ratio	Lower	Upper	
82	100		
95	7.5	5.8	8.6
138	16.7	13.5	20.3

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#26

2-Nitrophenol

Concen: 40.004 ng

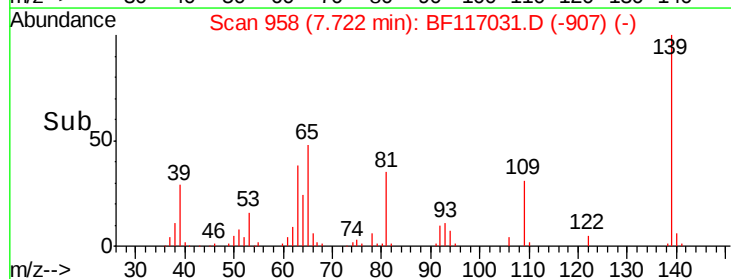
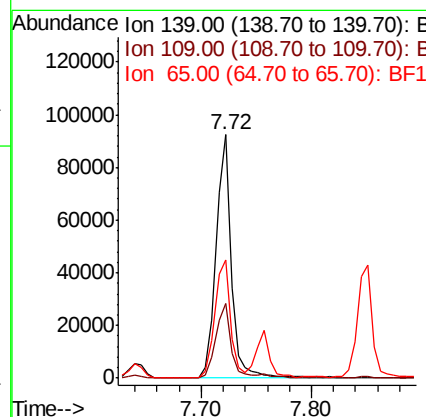
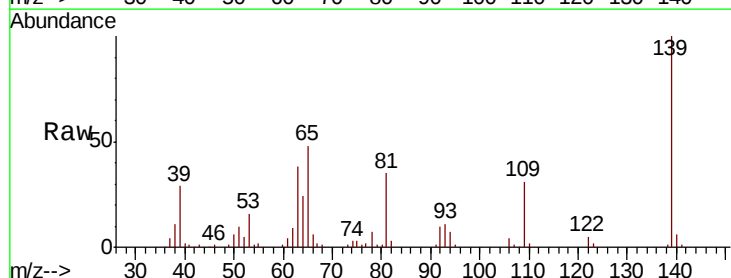
RT: 7.72 min Scan# 958

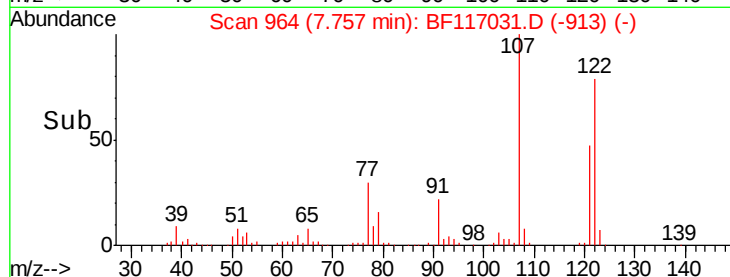
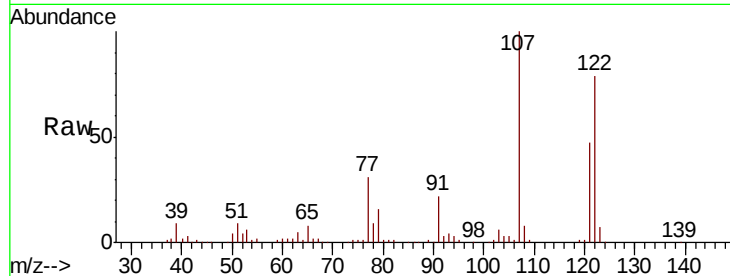
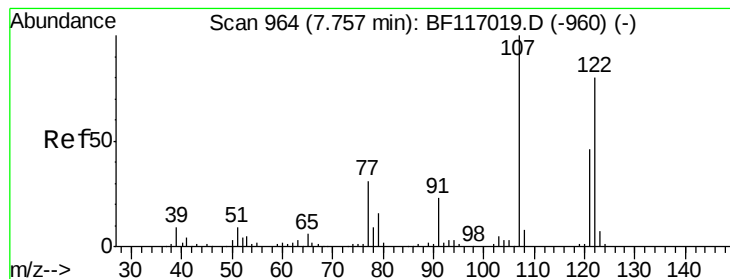
Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Tgt Ion:	139	Resp:	87507
Ion Ratio	Lower	Upper	
139	100		
109	30.8	24.6	36.8
65	48.3	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 42.662 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Tot Ion:	122	Resp:	147988
Ion Ratio	Lower	Upper	
122	100		
107	126.5	98.9	148.3
121	58.8	45.3	67.9

Instrument :

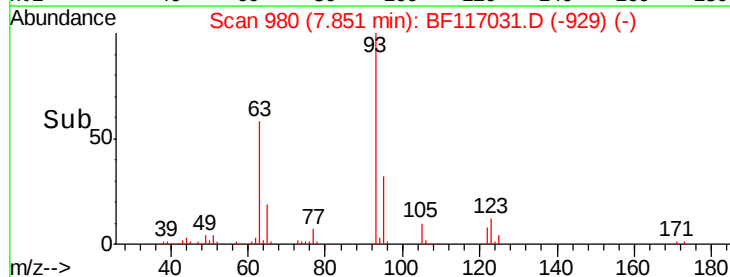
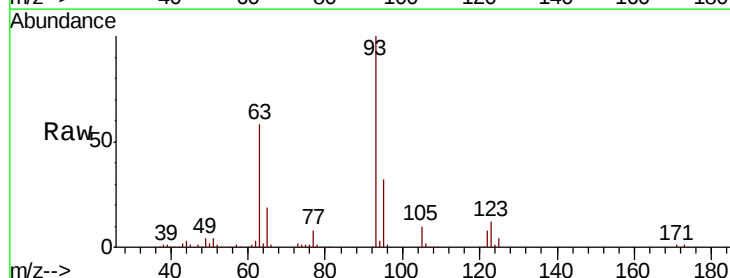
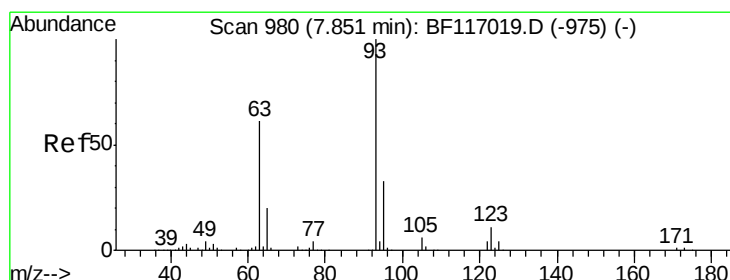
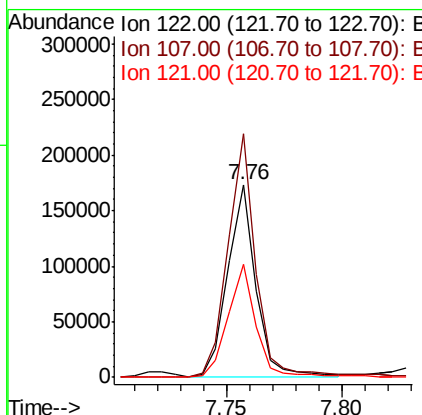
BNA_F

ClientSampleId :

SB-3C-(9-10)MS

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#28

bis(2-Chloroethoxy)methane

Concen: 36.174 ng

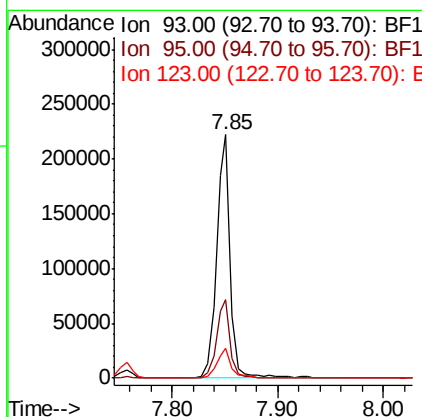
RT: 7.85 min Scan# 980

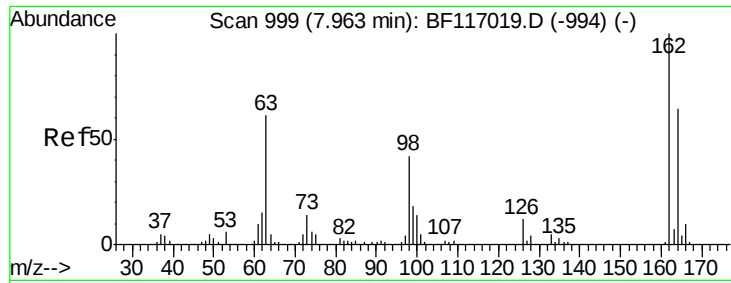
Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Tgt Ion:	93	Resp:	203496
Ion Ratio	Lower	Upper	
93	100		
95	32.1	26.2	39.4
123	12.0	9.0	13.6





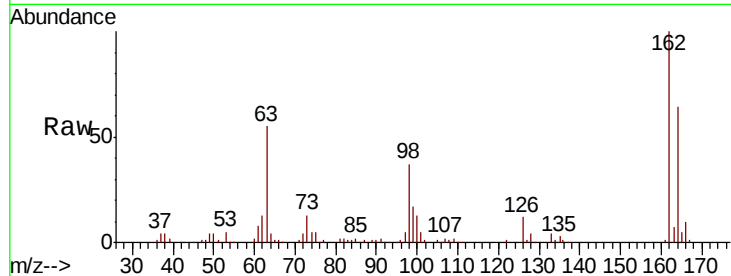
#29
 2,4-Dichlorophenol
 Concen: 38.210 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

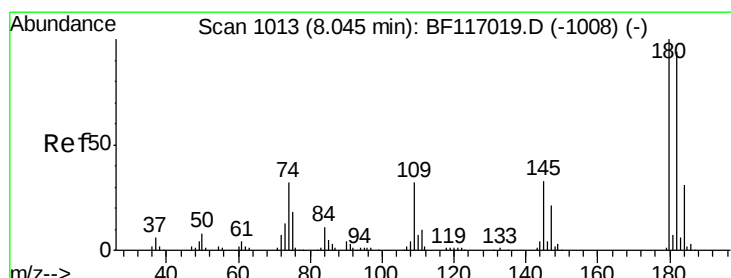
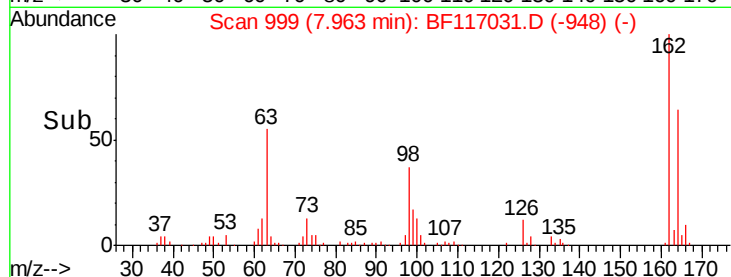
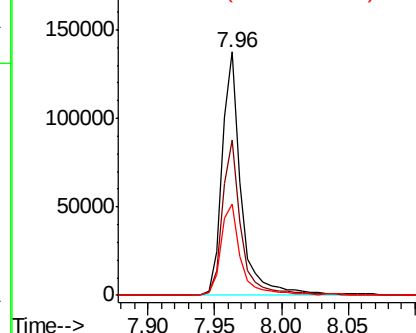
Tot Ion:	162	Resp:	138881
Ion Ratio	Lower	Upper	
162	100		
164	63.7	43.8	83.8
98	37.4	22.1	62.1

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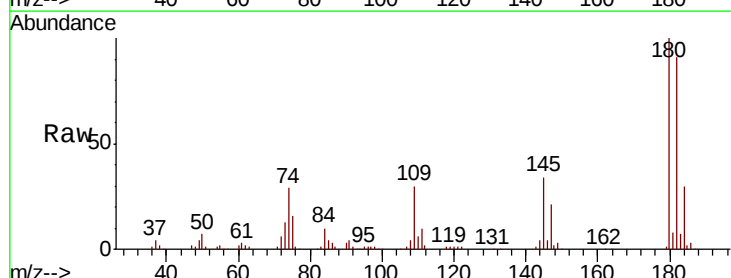


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

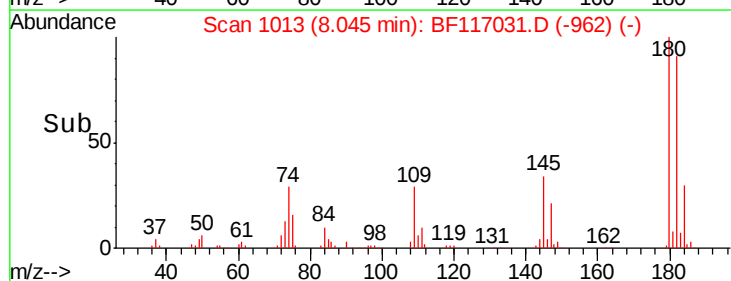
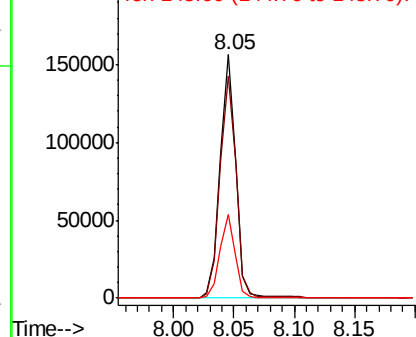


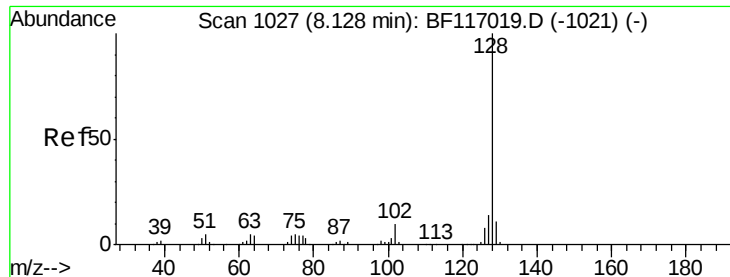
#30
 1,2,4-Trichlorobenzene
 Concen: 35.286 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion:	180	Resp:	138563
Ion Ratio	Lower	Upper	
180	100		
182	91.3	75.4	113.0
145	34.1	26.7	40.1



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





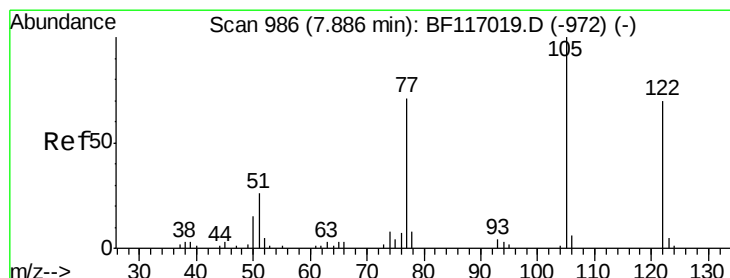
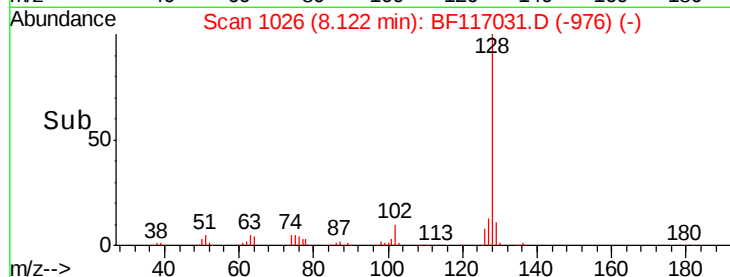
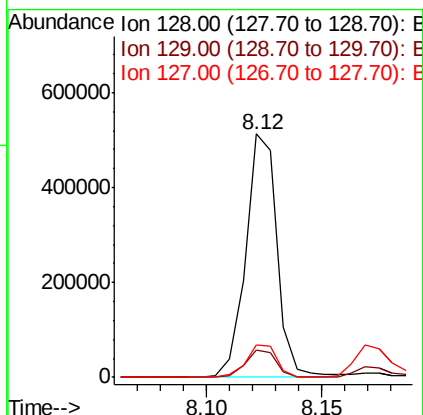
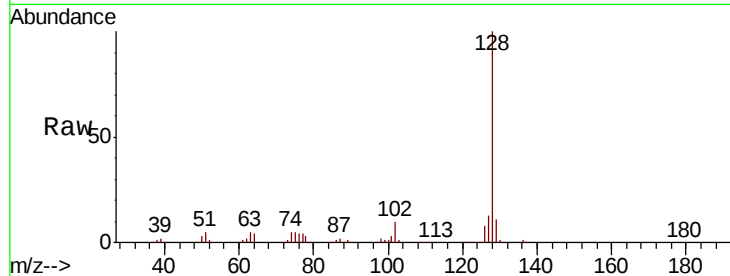
#31
Naphthalene
Concen: 37.276 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.8	16.2

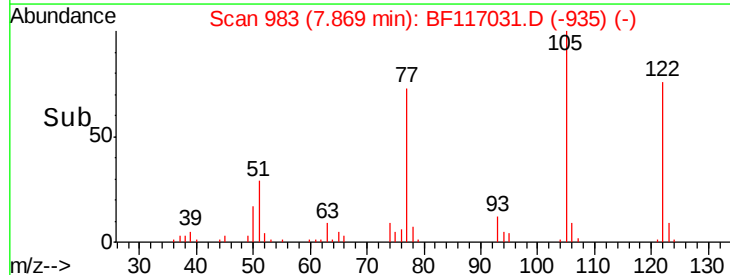
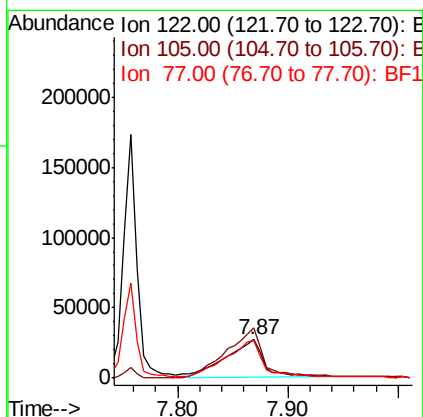
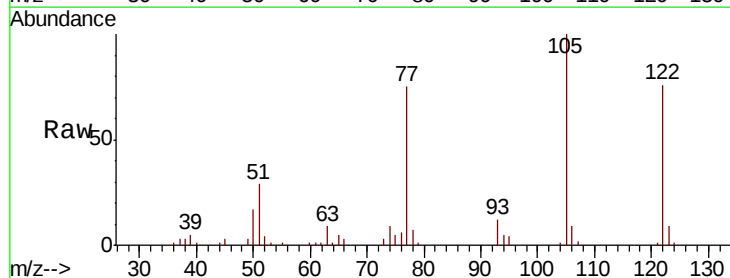
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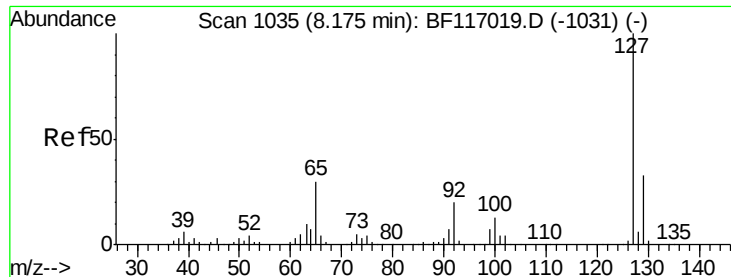
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#32
Benzoic acid
Concen: 27.577 ng
RT: 7.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.0	114.8	154.8
77	98.0	78.7	118.7





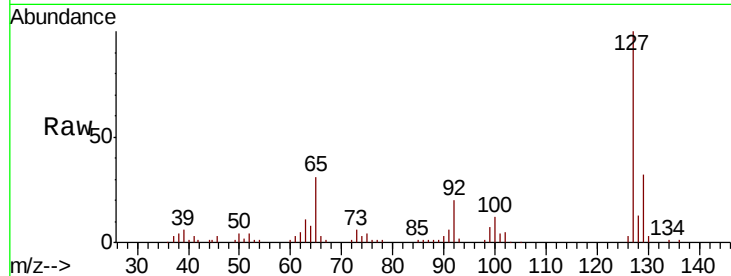
#33
4-Chloroaniline
Concen: 15.343 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.2
65	31.5	23.5	35.3
92	19.8	15.9	23.9

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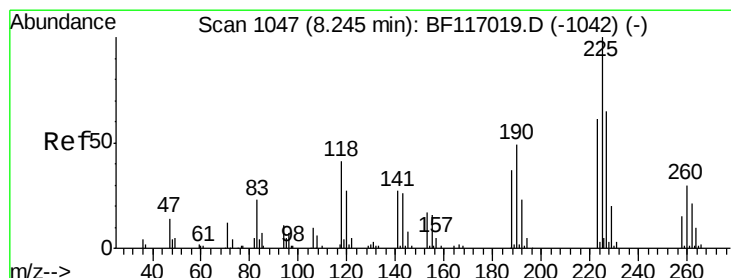
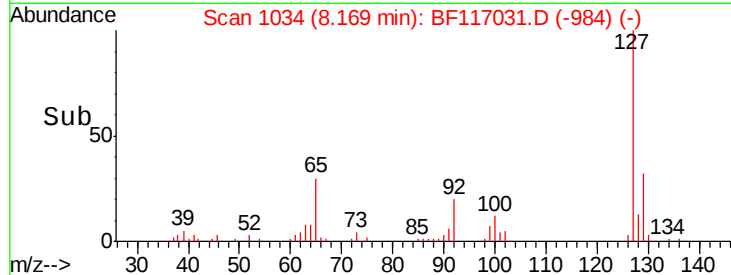
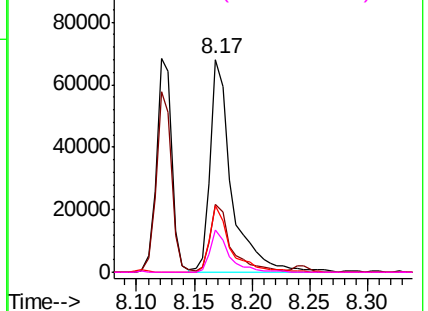
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

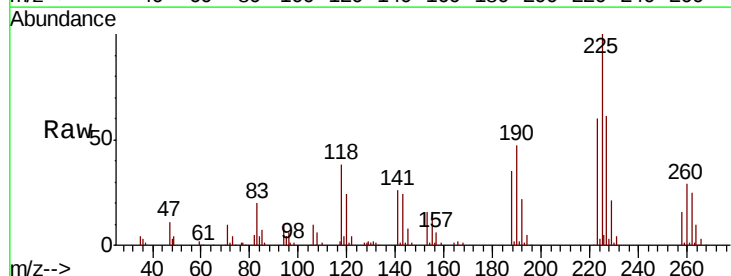
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 34.667 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	60.2	49.1	73.7
227	61.5	52.2	78.2

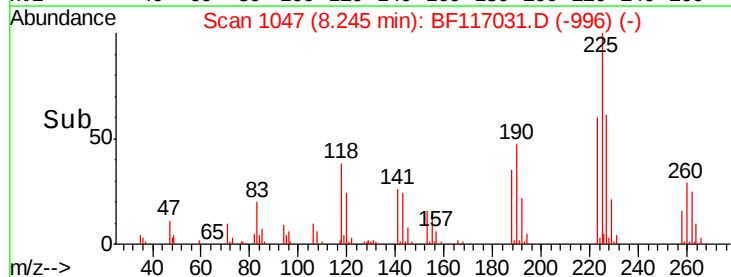
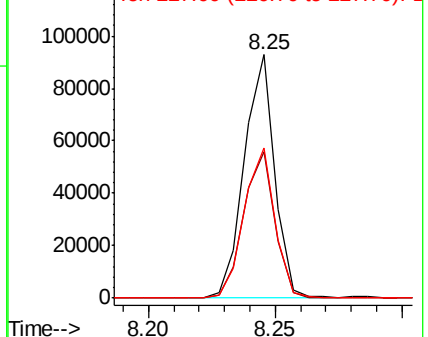


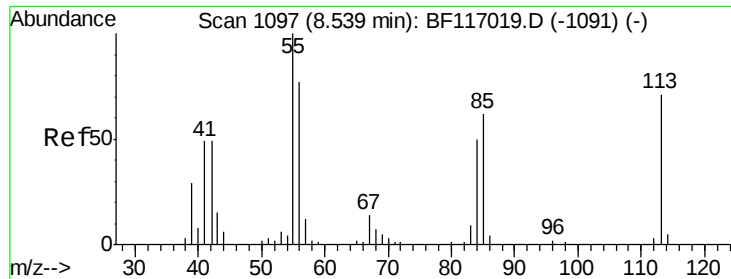
Abundance

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





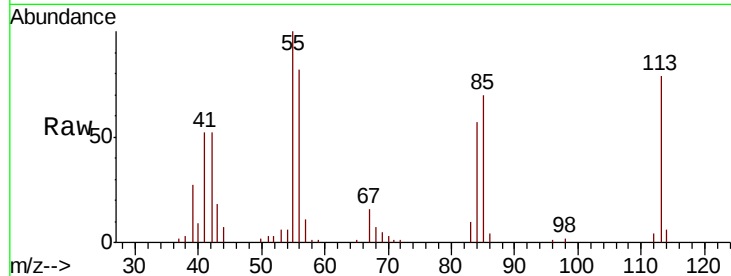
#35
Caprolactam
Concen: 38.507 ng/ml
RT: 8.53 min Scan# 1095
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

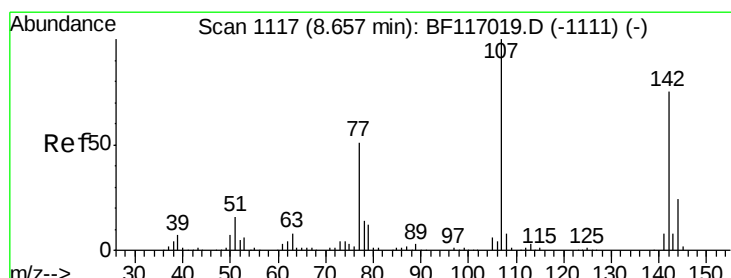
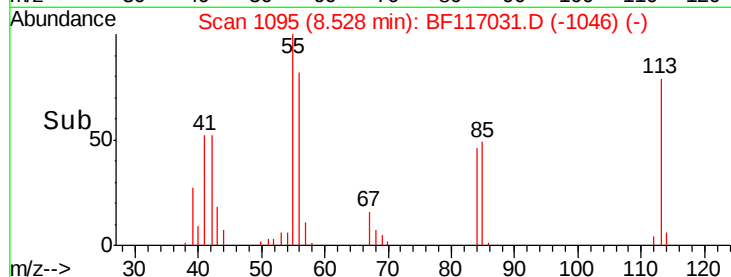
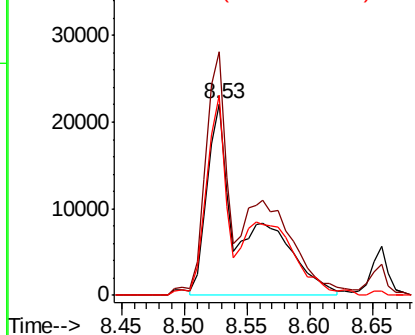
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	127.2	120.6	160.6	
56	104.3	88.8	128.8	

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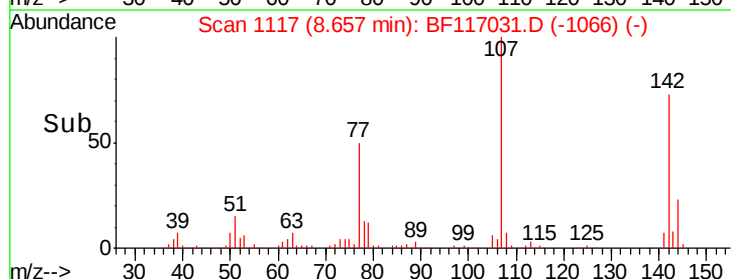
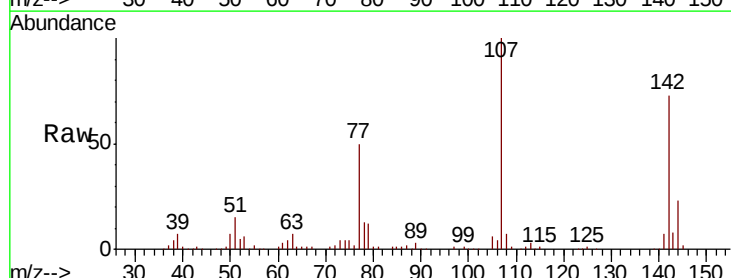
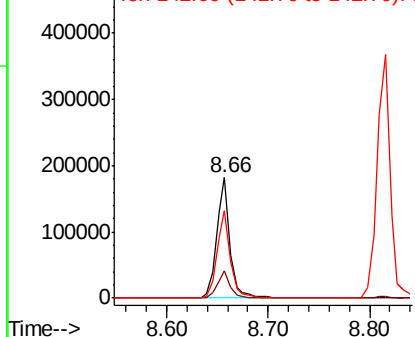
Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

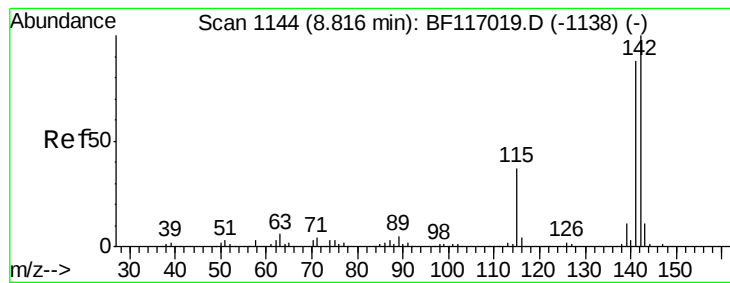


#36
4-Chloro-3-methylphenol
Concen: 39.142 ng/ml
RT: 8.66 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	22.7	19.2	28.8	
142	72.8	59.6	89.4	

Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





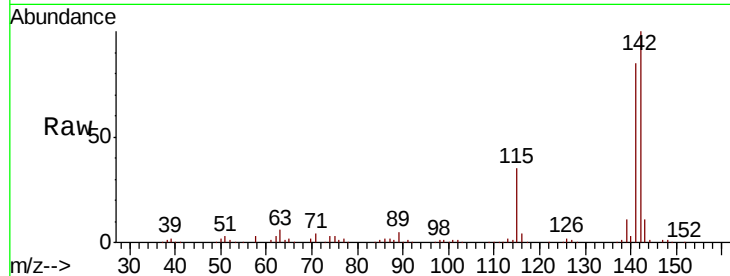
#37
2-Methylnaphthalene
Concen: 37.783 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.0	70.7	106.1
115	35.4	29.4	44.0

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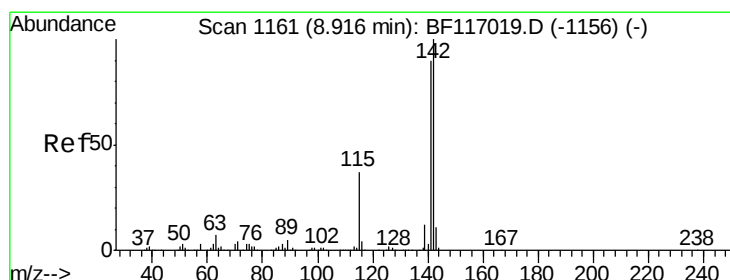
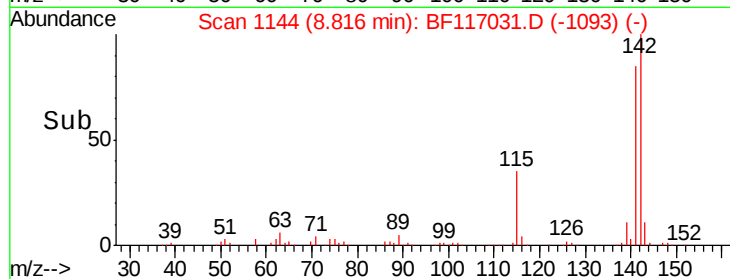
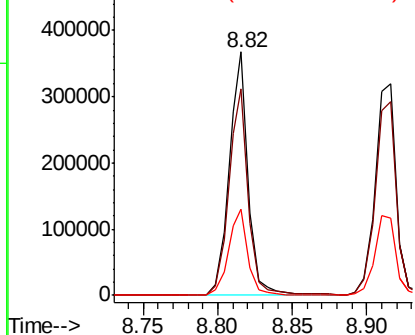


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 37.329 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

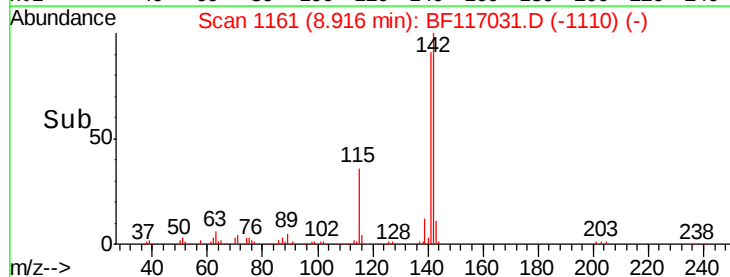
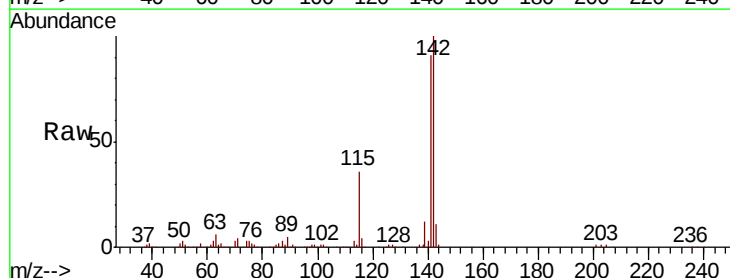
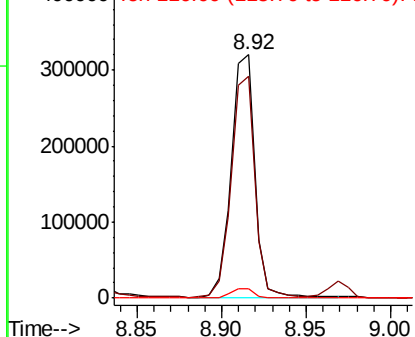
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	71.9	107.9
116	3.9	3.2	4.8

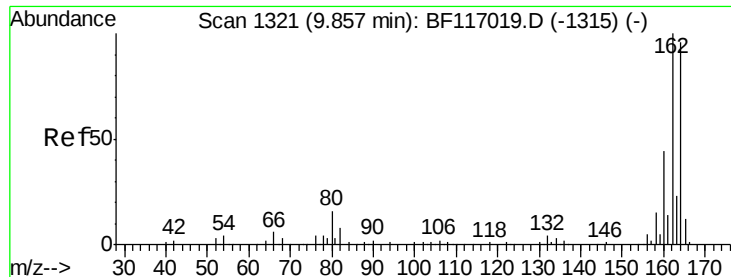
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





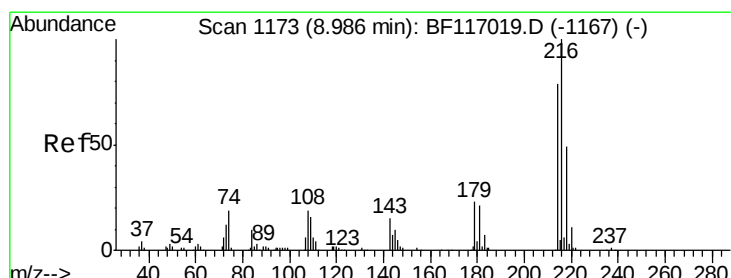
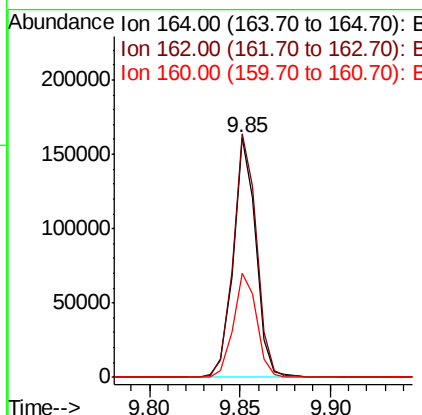
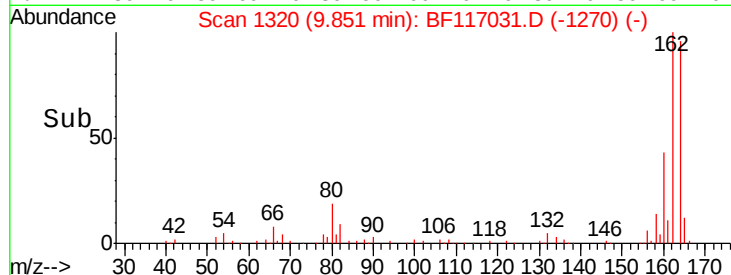
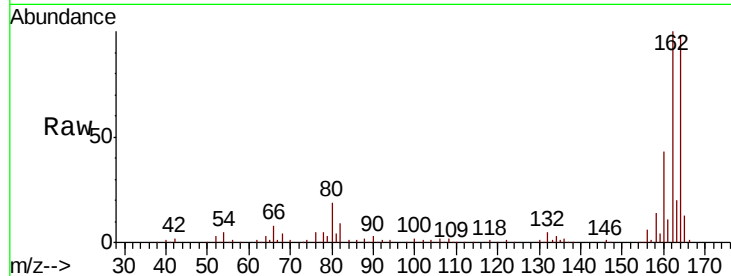
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.6	83.4	125.2
160	43.6	36.4	54.6

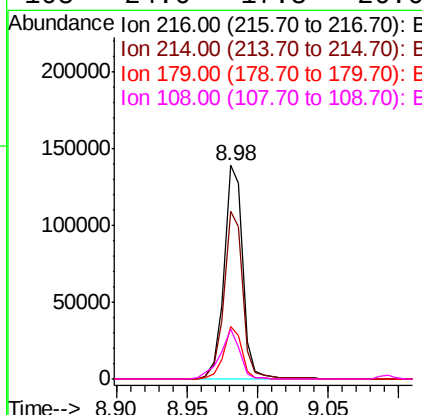
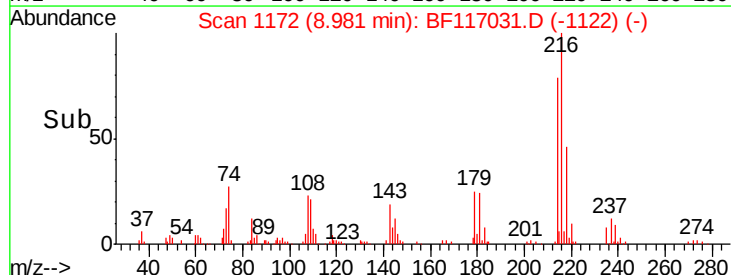
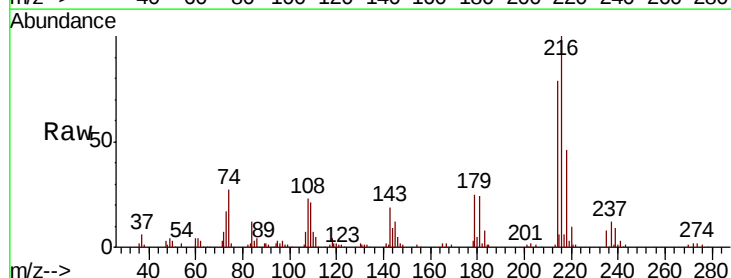
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 35.724 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.6	95.4
179	23.7	18.3	27.5
108	24.6	17.8	26.6





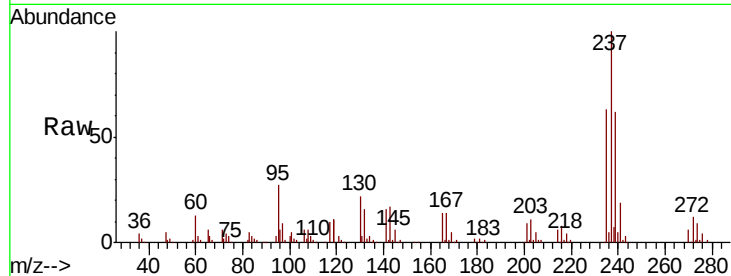
#41
Hexachlorocyclopentadiene
Concen: 77.739 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	62.5	43.2	83.2
272	12.3	0.0	31.9

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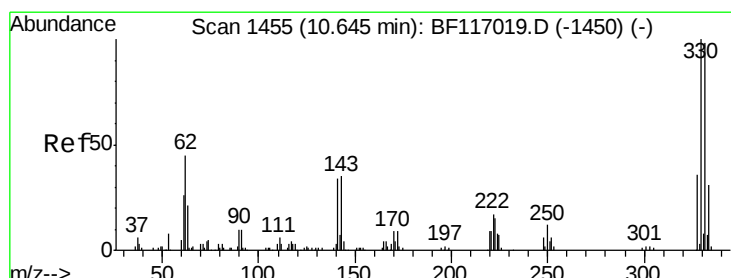
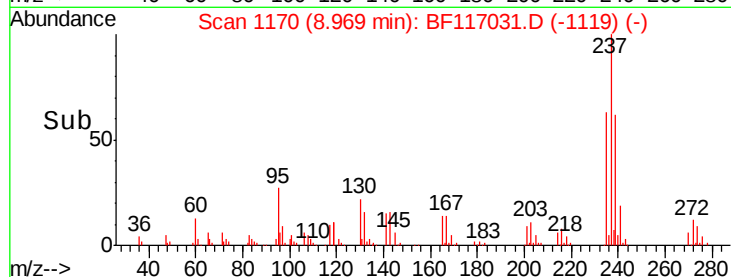
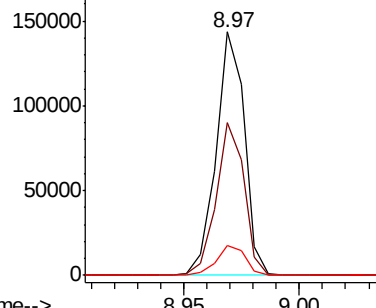


Abundance

Ion 236.80 (236.50 to 237.50): E

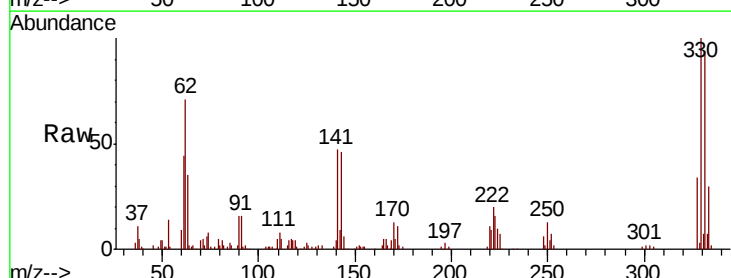
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 88.706 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.2	78.0	117.0
141	44.0	35.8	53.6

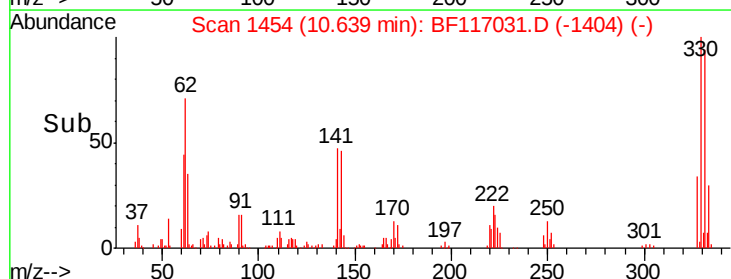
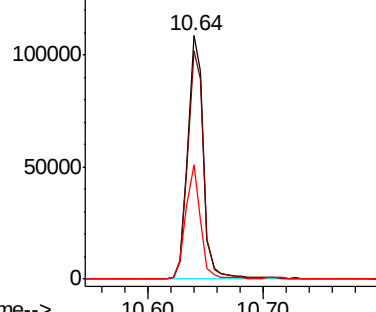


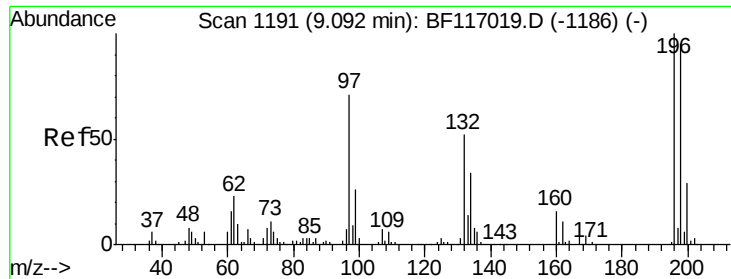
Abundance

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





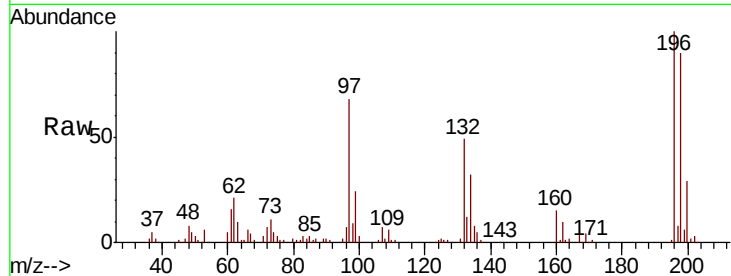
#43
 2,4,6-Trichlorophenol
 Concen: 37.658 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	90.4	75.7	113.5
200	28.9	23.3	34.9

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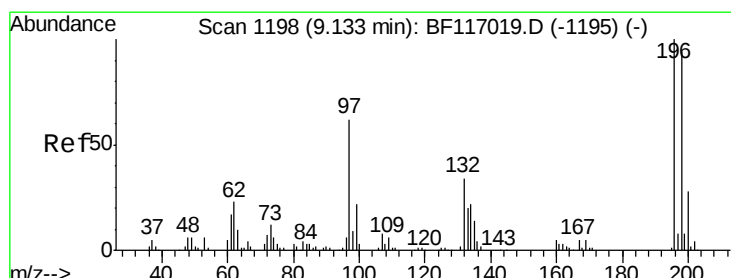
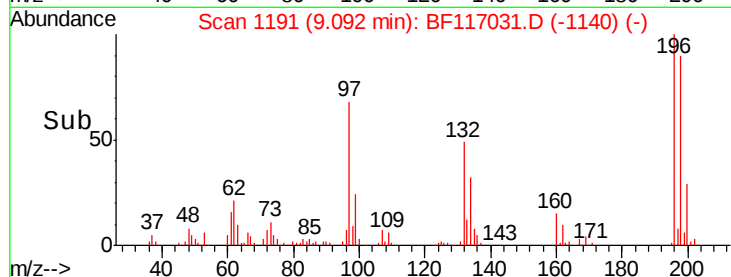
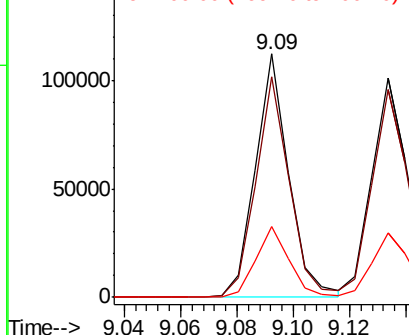


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 38.160 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	74.6	112.0
97	59.7	49.5	74.3
132	32.2	27.4	41.2

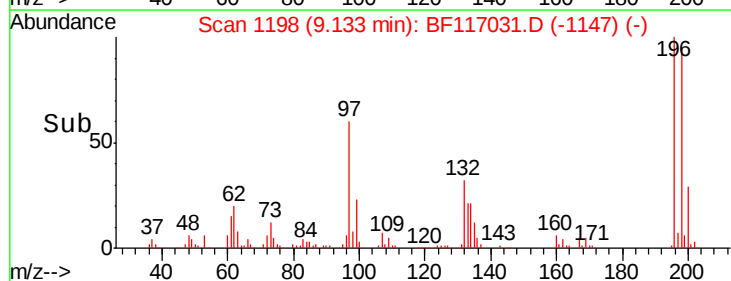
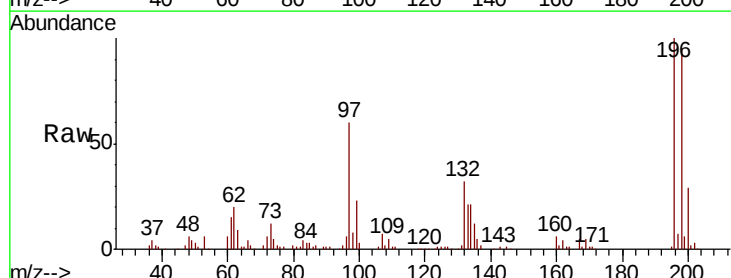
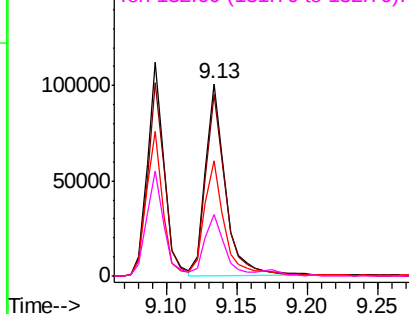
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





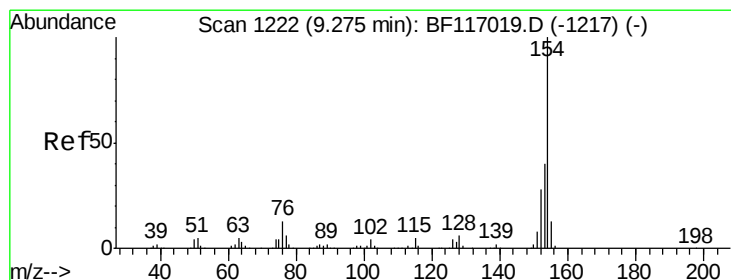
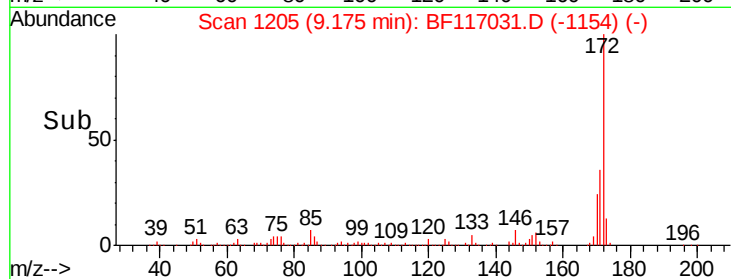
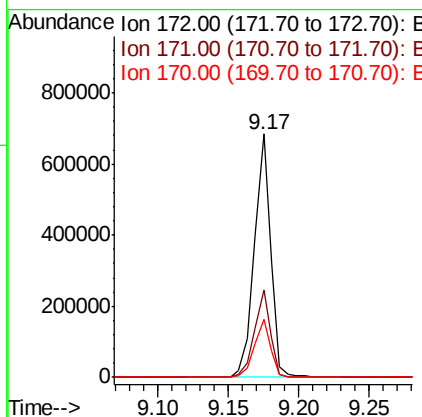
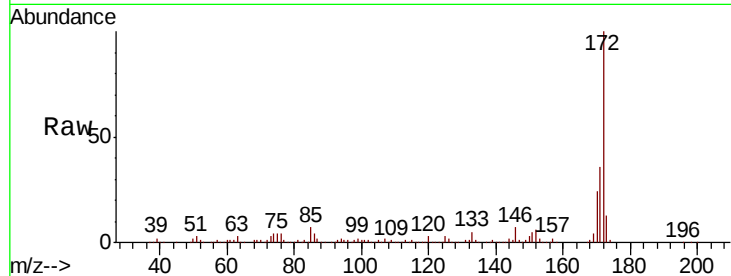
#45
2-Fluorobiphenyl
Concen: 62.737 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	559626		
171	36.0		28.2	42.2
170	23.8		18.9	28.3

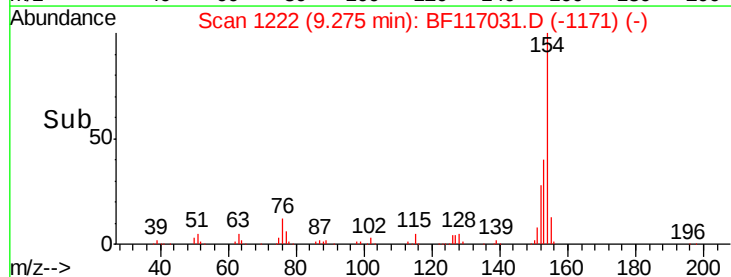
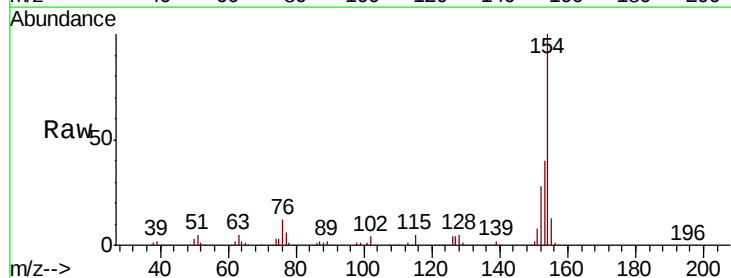
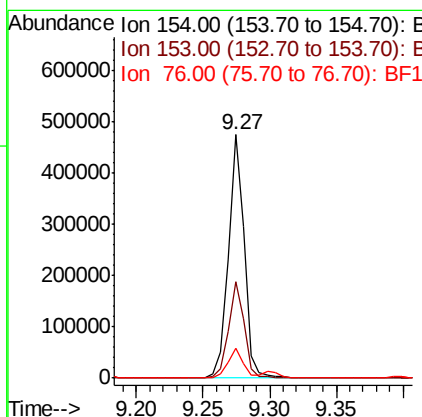
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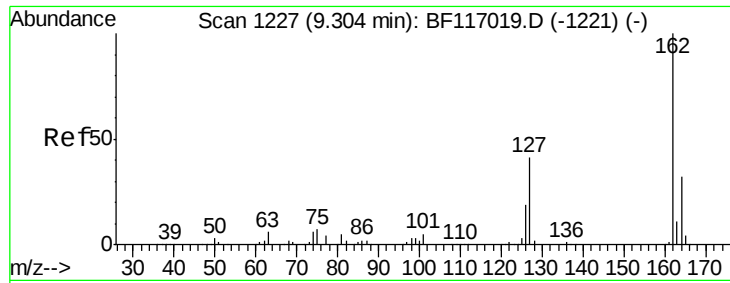
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#46
1,1'-Biphenyl
Concen: 36.460 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	398878		
153	39.7		20.0	60.0
76	12.0		0.0	32.7





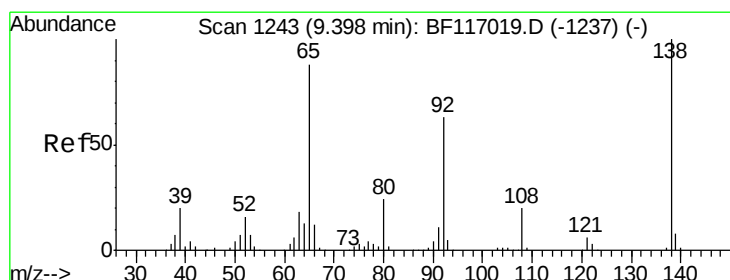
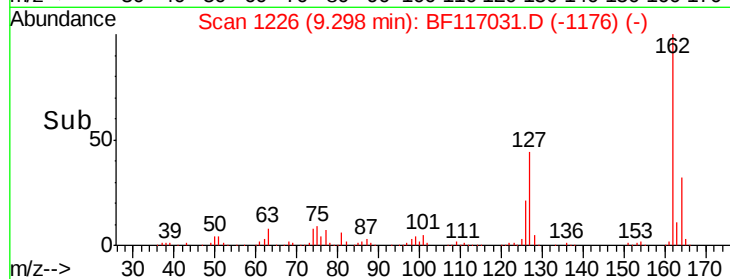
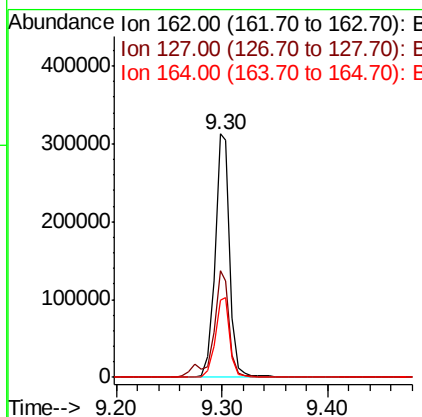
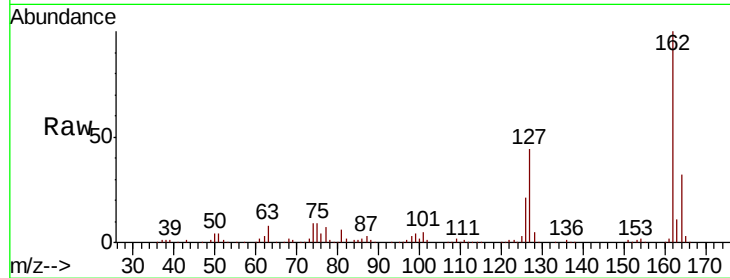
#47
 2-Chloronaphthalene
 Concen: 35.869 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion:	162	Resp:	309702
Ion Ratio	Lower	Upper	
162	100		
127	43.6	34.1	51.1
164	31.8	25.9	38.9

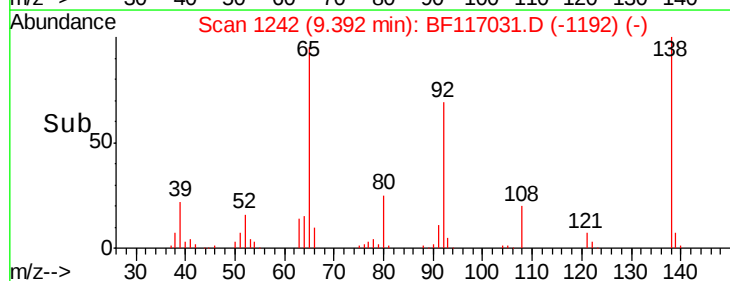
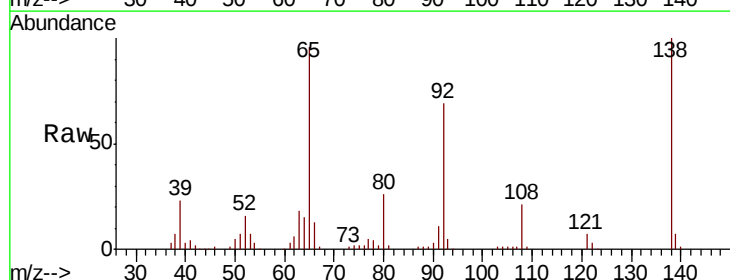
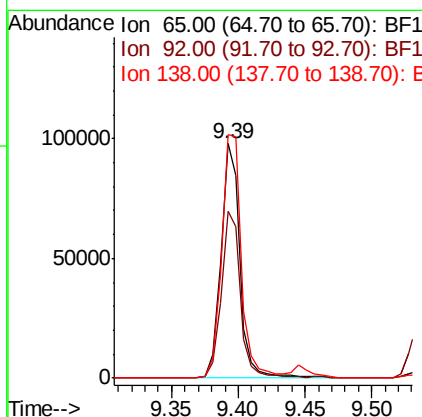
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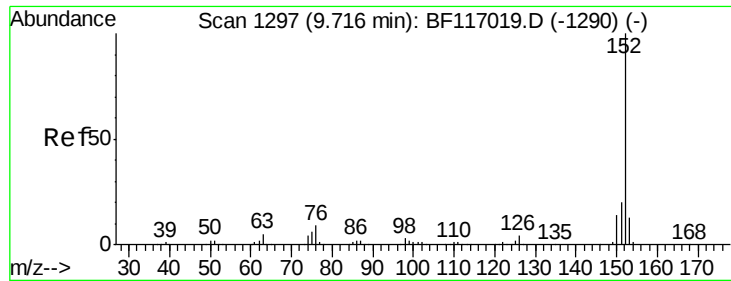
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#48
 2-Nitroaniline
 Concen: 35.460 ng
 RT: 9.39 min Scan# 1242
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion:	65	Resp:	98204
Ion Ratio	Lower	Upper	
65	100		
92	71.3	57.5	86.3
138	104.0	90.6	136.0





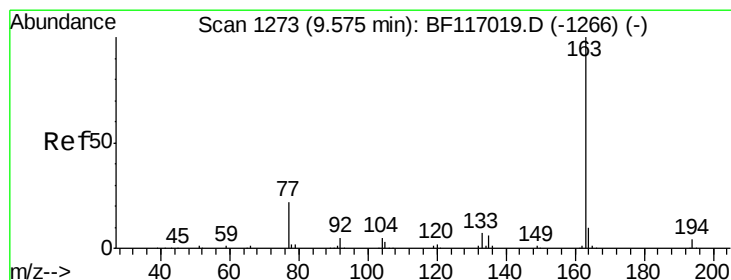
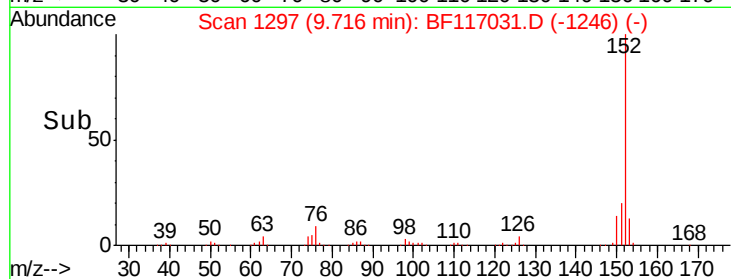
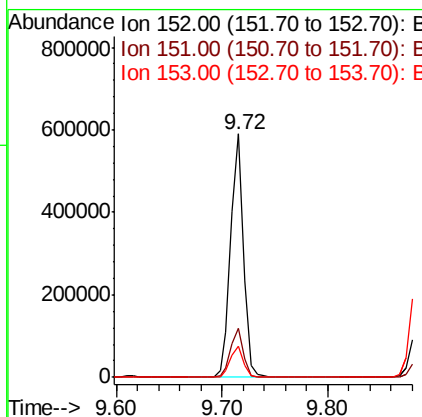
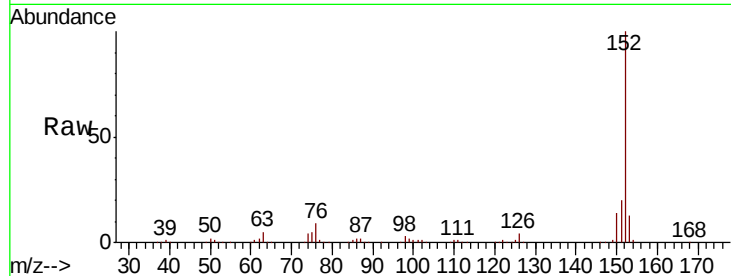
#49
Acenaphthylene
Concen: 38.289 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion:	152	Resp:	495243
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	12.7	10.2	15.4

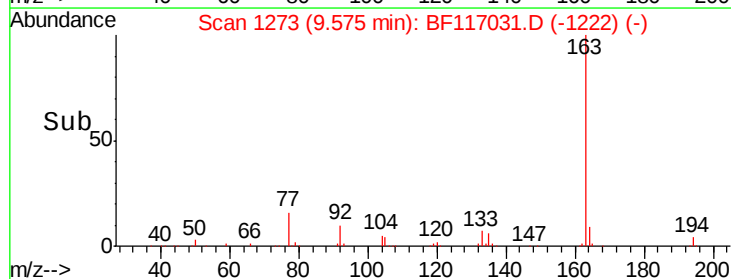
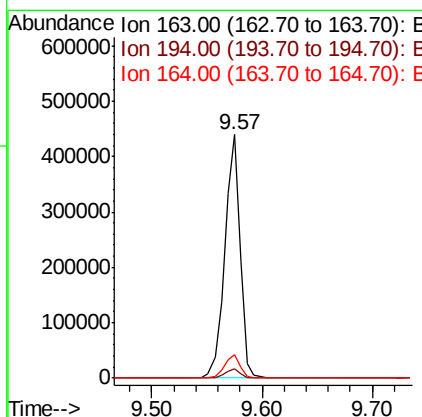
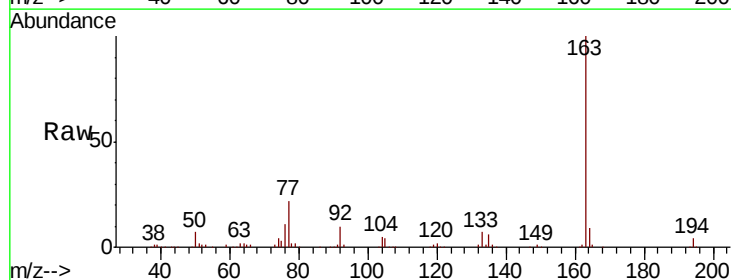
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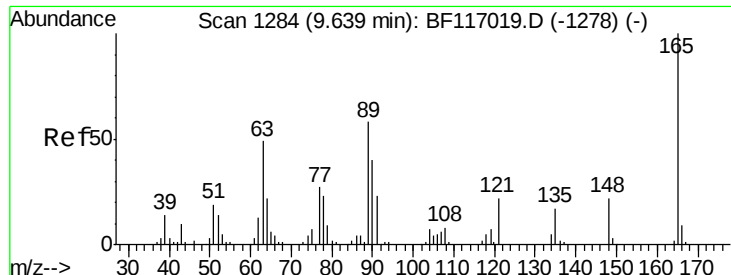
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#50
Dimethylphthalate
Concen: 43.431 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:	163	Resp:	428898
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.9	4.3
164	9.5	8.2	12.4





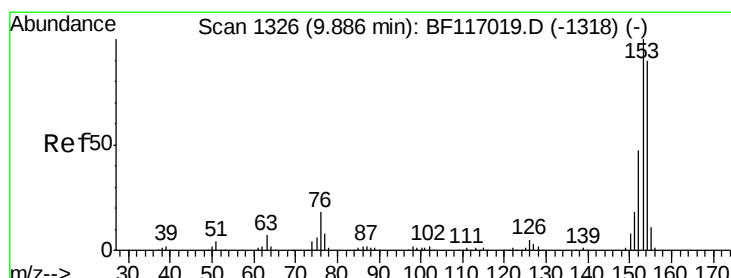
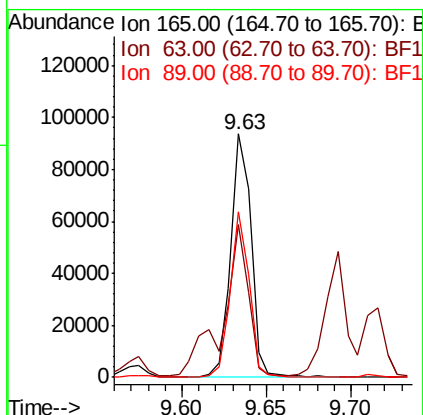
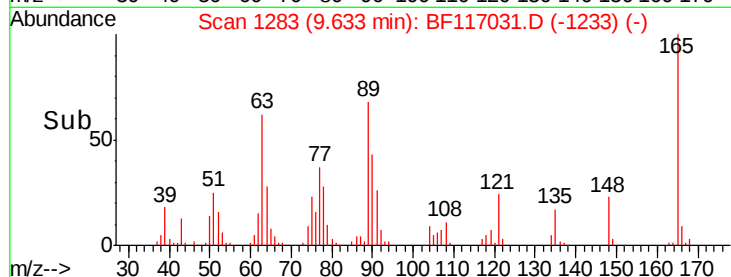
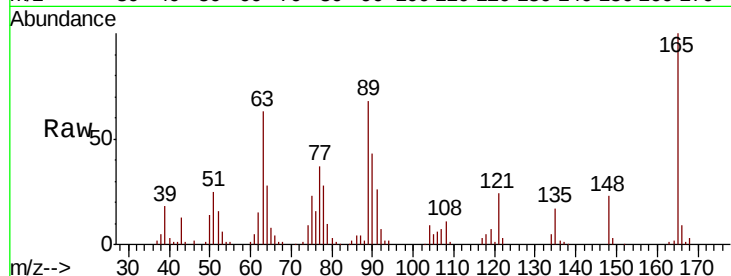
#51
 2,6-Dinitrotoluene
 Concen: 38.837 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion:	165	Resp:	78112
Ion Ratio	Lower	Upper	
165	100		
63	62.6	41.8	62.8
89	68.0	46.5	69.7

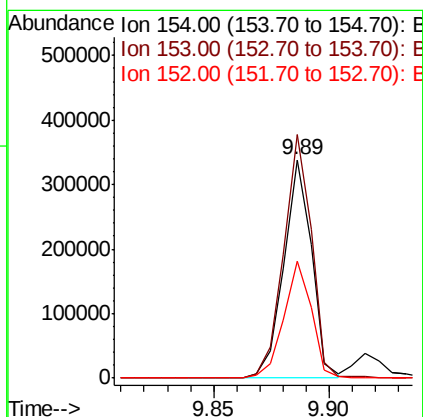
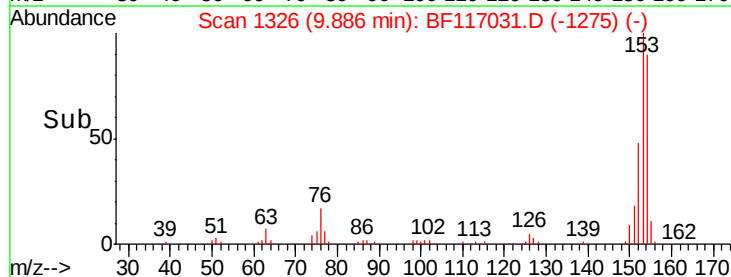
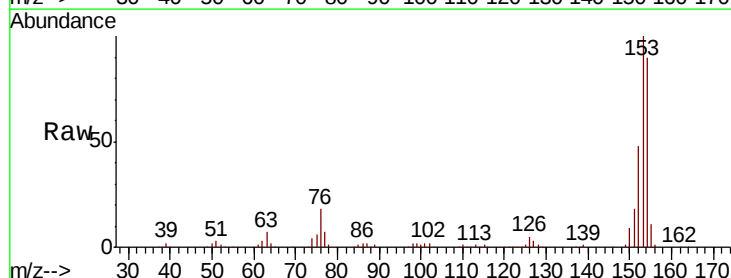
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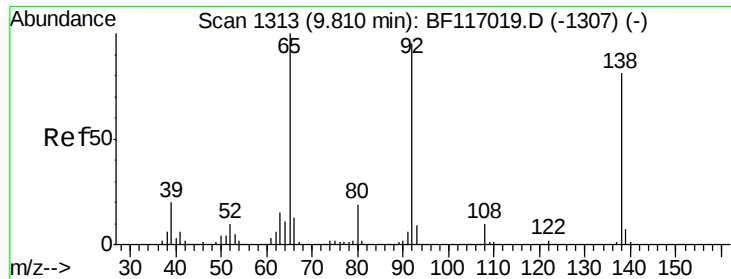
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#52
 Acenaphthene
 Concen: 36.561 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion:	154	Resp:	280330
Ion Ratio	Lower	Upper	
154	100		
153	111.6	89.0	133.6
152	53.8	41.9	62.9





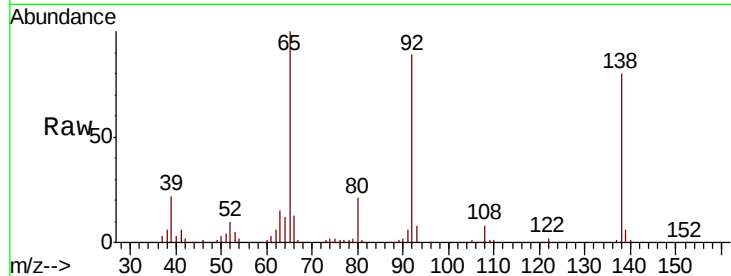
#53
3-Nitroaniline
Concen: 23.580 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.5	9.5	14.3
92	111.4	94.1	141.1

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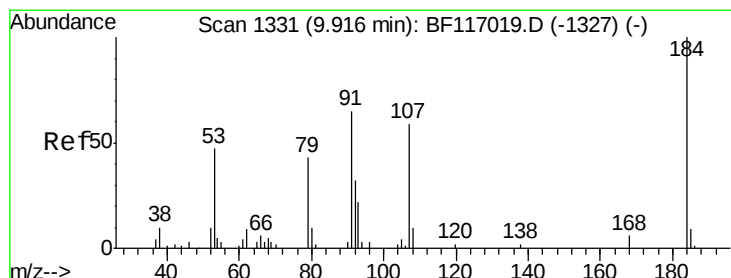
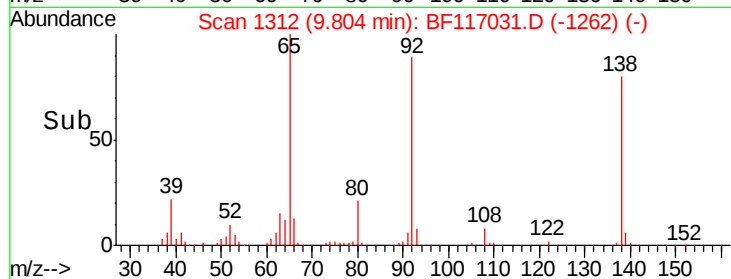
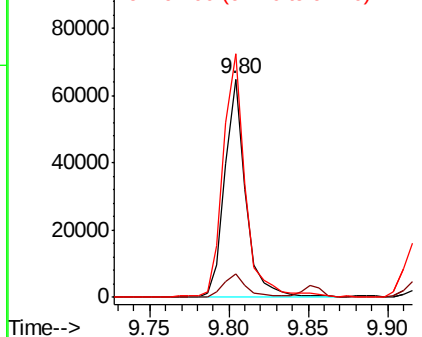


Abundance

Ion 138.00 (137.70 to 138.70): E

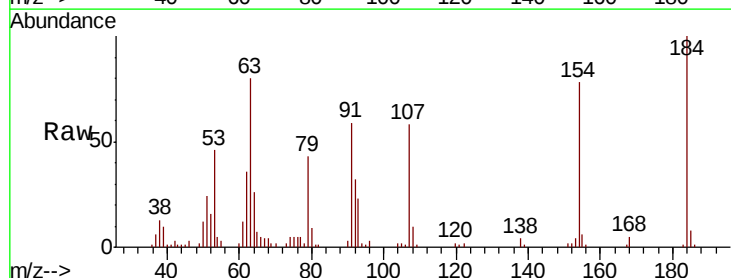
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 64.072 ng
RT: 9.92 min Scan# 1331
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
184	100		
63	80.3	63.8	95.6
154	78.0	60.4	90.6

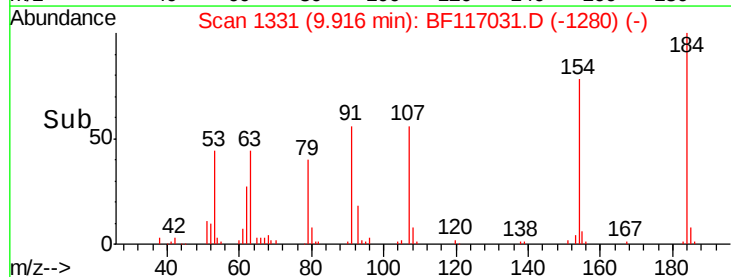
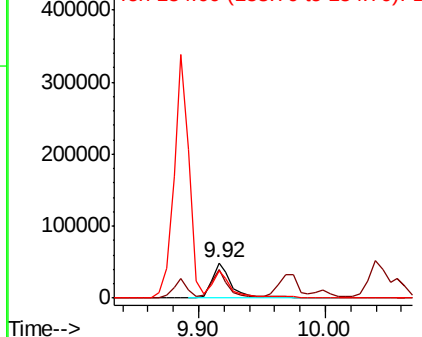


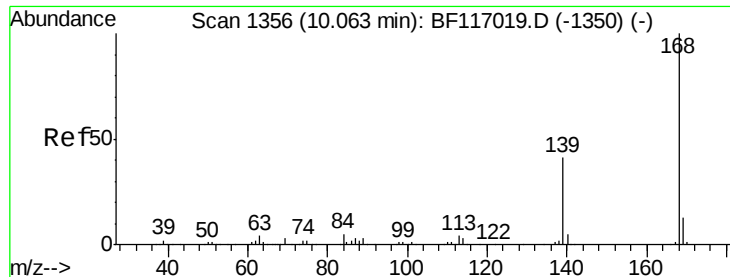
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





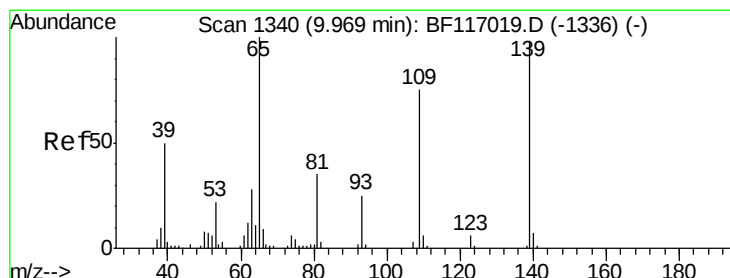
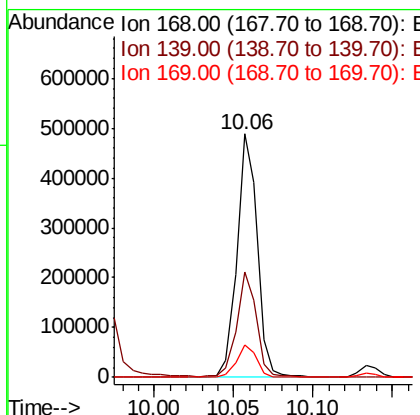
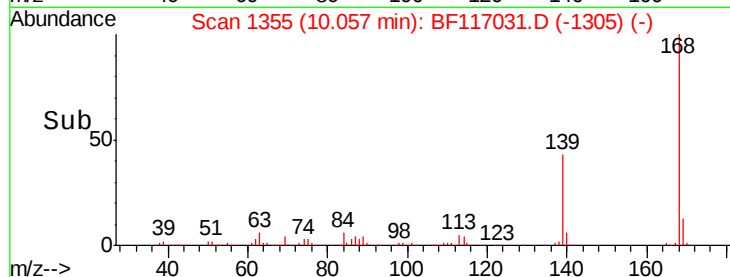
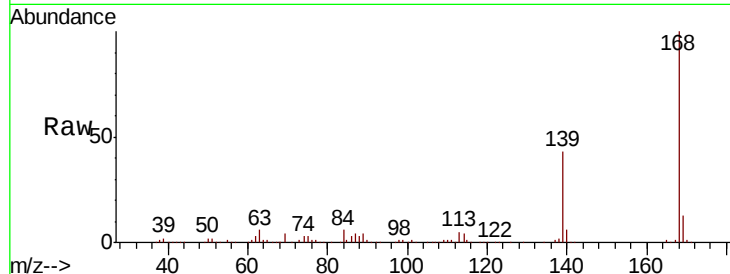
#55
Dibenzenofuran
Concen: 38.303 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion:	168	Resp:	433312
Ion Ratio	Lower	Upper	
168	100		
139	43.1	32.8	49.2
169	13.4	10.5	15.7

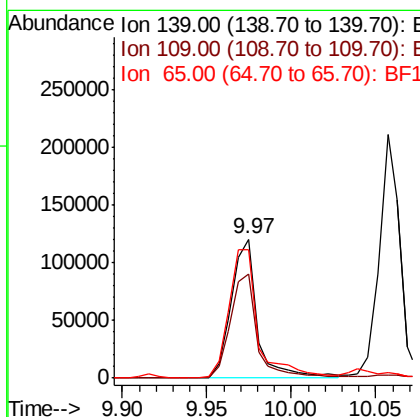
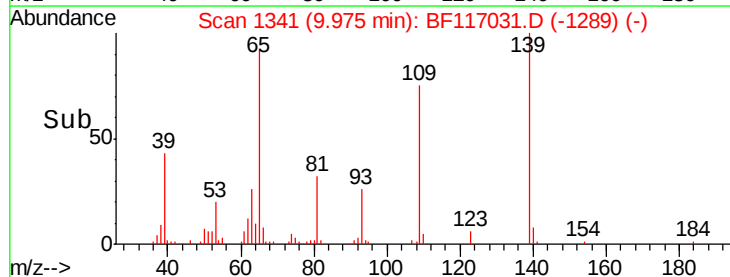
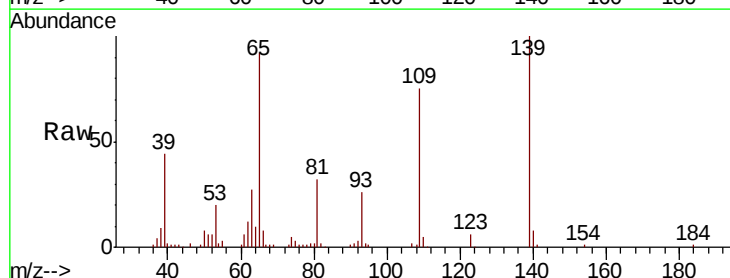
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#56
4-Nitrophenol
Concen: 78.334 ng
RT: 9.97 min Scan# 1341
Delta R.T. 0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion:	139	Resp:	128834
Ion Ratio	Lower	Upper	
139	100		
109	74.8	56.4	96.4
65	92.3	82.5	122.5





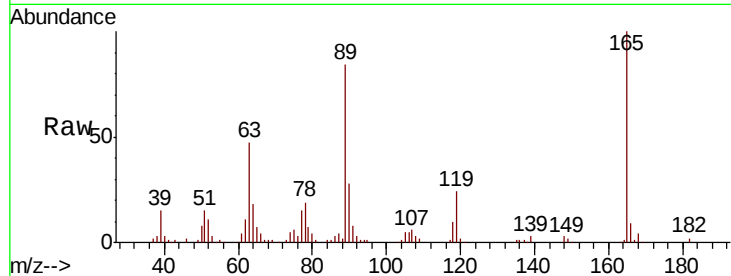
#57
2,4-Dinitrotoluene
Concen: 40.729 ng
RT: 10.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

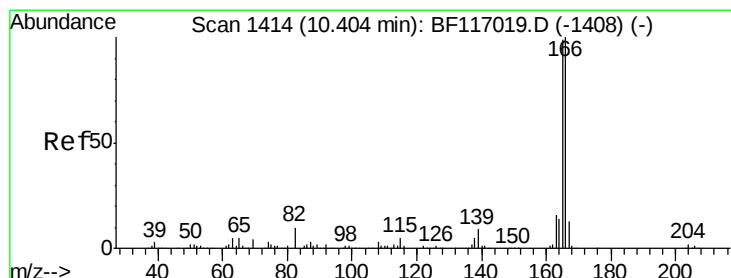
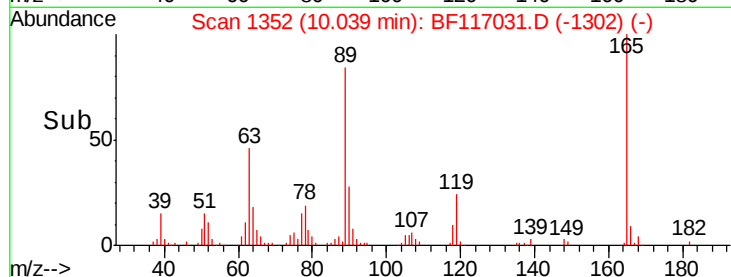
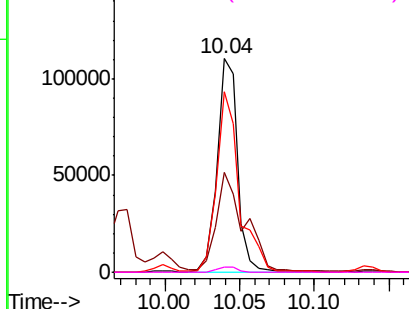
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		106334		
63	46.8	35.0	52.4		
89	84.2	66.1	99.1		
182	2.3	2.0	3.0		

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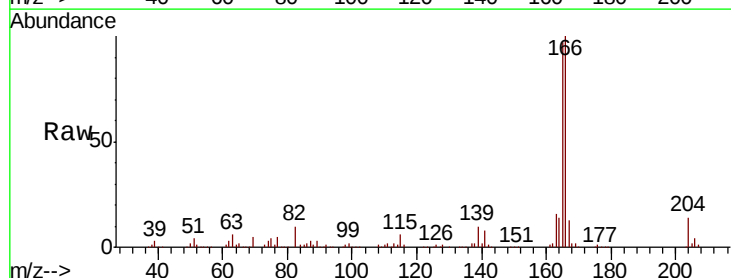


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

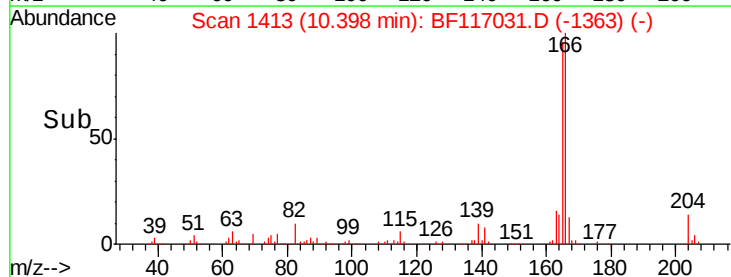
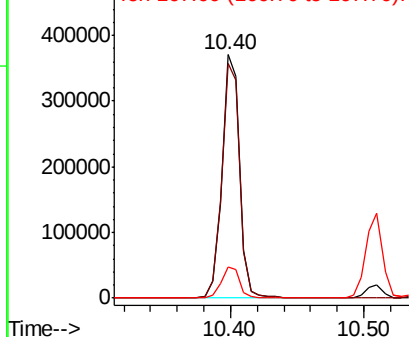


#58
Fluorene
Concen: 37.978 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		346080		
165	96.5	78.9	118.3		
167	12.9	10.6	15.8		



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





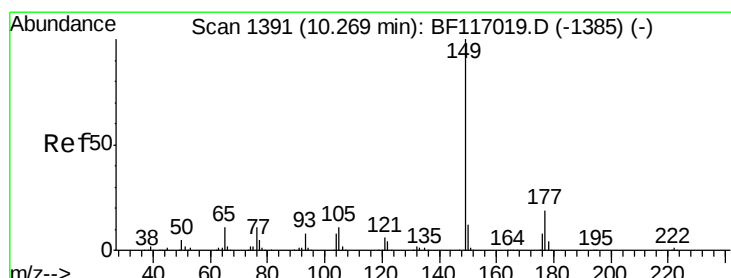
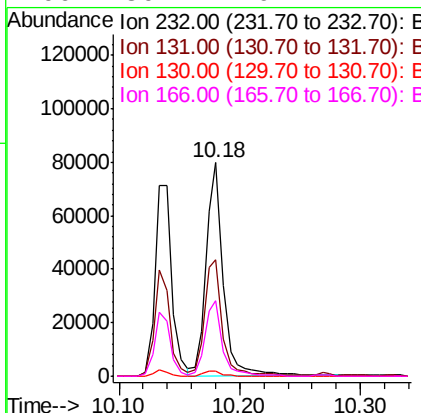
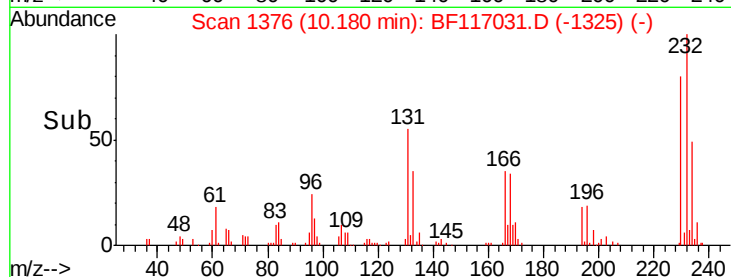
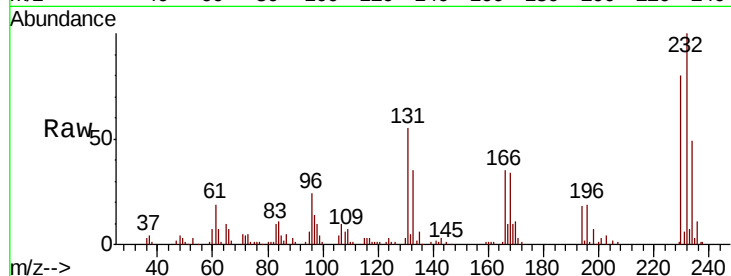
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.706 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion:	232	Resp:	77346
Ion Ratio	Lower	Upper	
232	100		
131	57.8	45.3	67.9
130	2.7	1.8	2.8
166	36.4	29.4	44.2

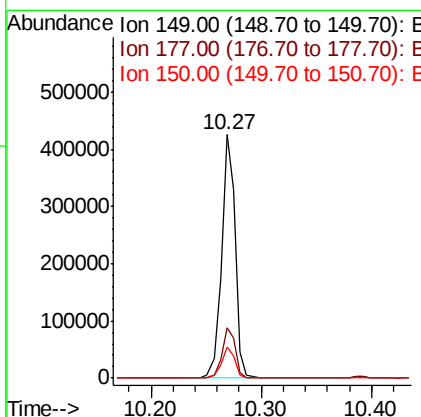
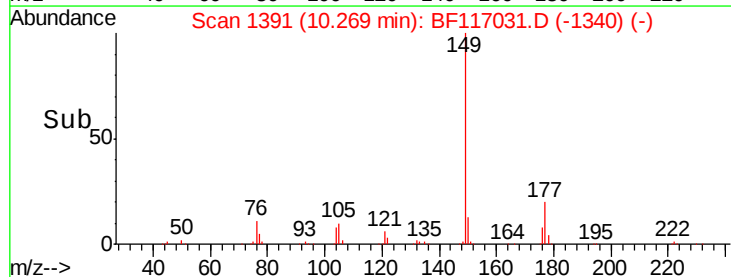
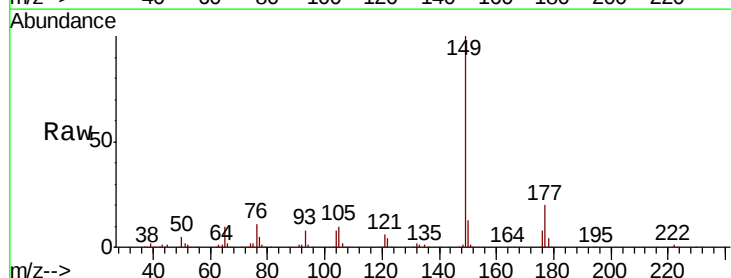
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#60
 Diethylphthalate
 Concen: 37.520 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion:	149	Resp:	364533
Ion Ratio	Lower	Upper	
149	100		
177	20.5	15.2	22.8
150	13.0	9.9	14.9





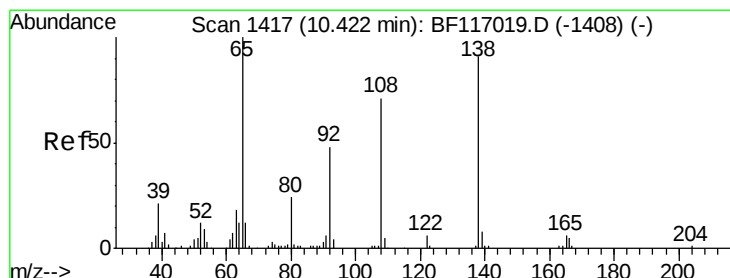
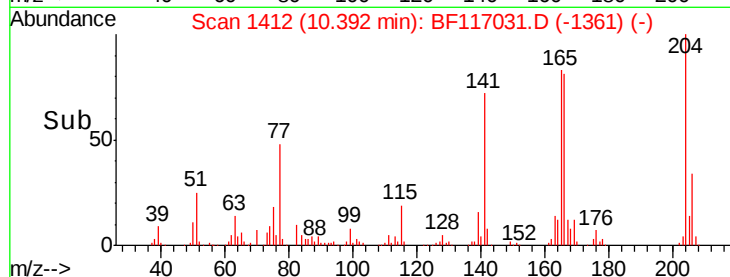
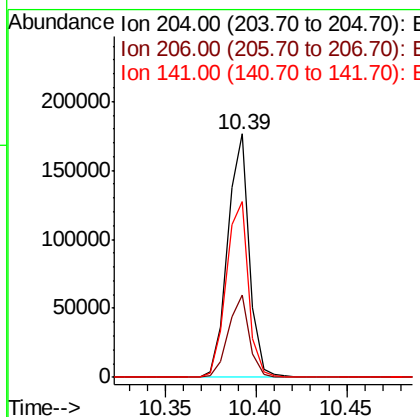
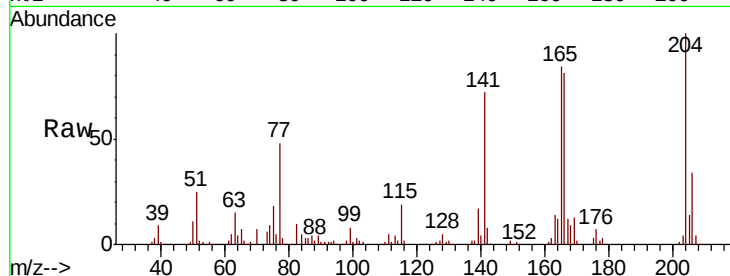
#61
4-Chlorophenyl-phenylether
Concen: 37.277 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	26.0	39.0
141	72.4	58.2	87.2

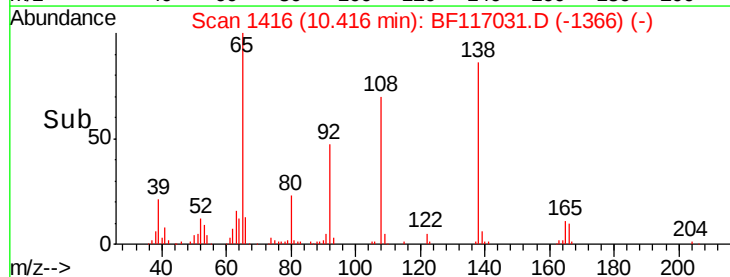
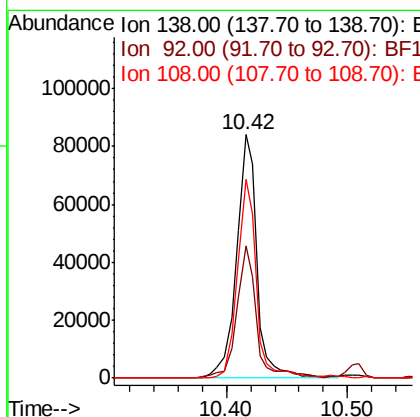
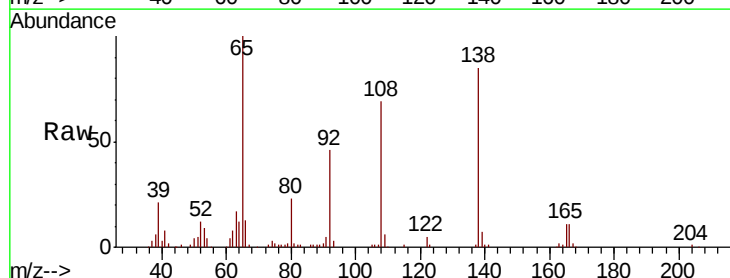
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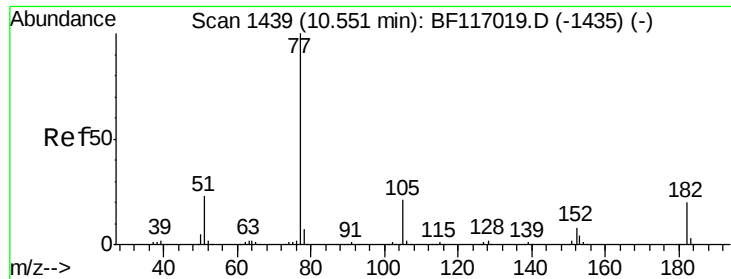
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#62
4-Nitroaniline
Concen: 37.849 ng
RT: 10.42 min Scan# 1416
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.4	32.9	72.9
108	81.7	58.3	98.3





#63

Azobenzene

Concen: 38.076 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

ClientSampleId :

SB-3C-(9-10)MS

Tot Ion: 77 Resp: 377829

Ion Ratio Lower Upper

77 100

182 21.8 0.4 40.4

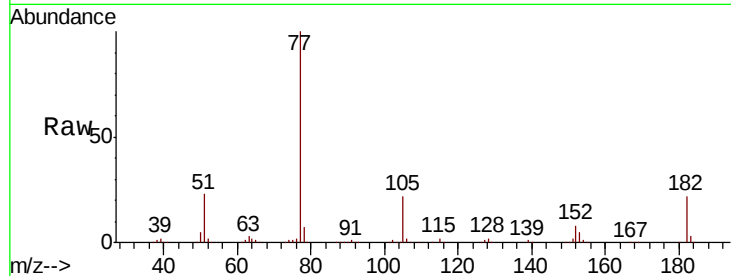
105 21.9 0.9 40.9

51 22.6 2.8 42.8

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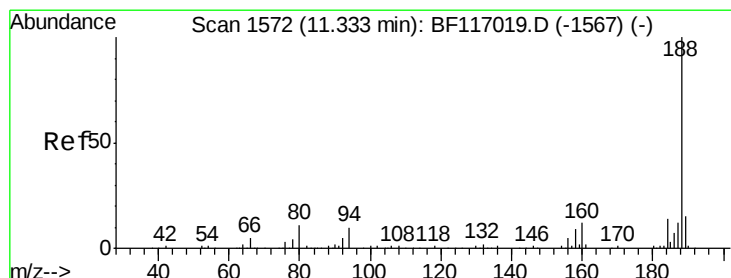
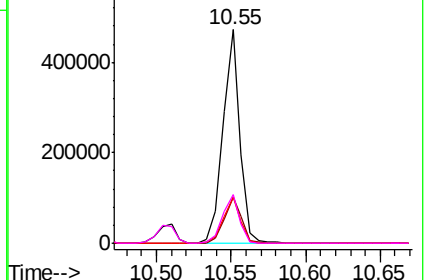
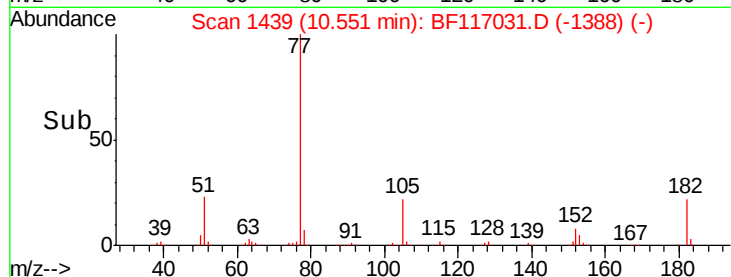


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

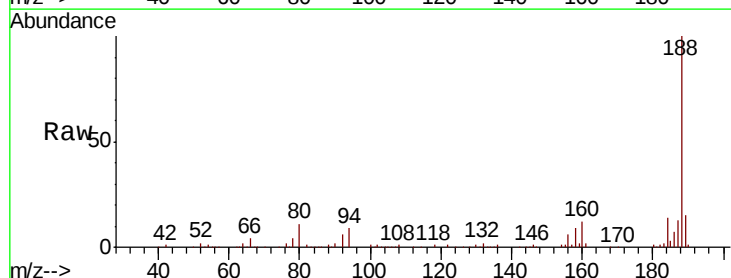
Tgt Ion: 188 Resp: 235606

Ion Ratio Lower Upper

188 100

94 9.4 8.2 12.2

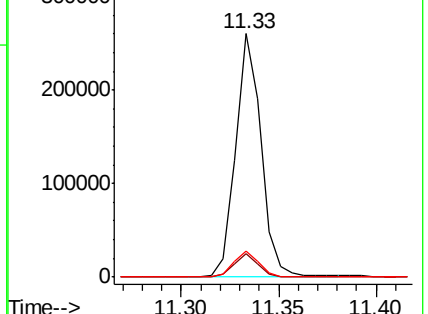
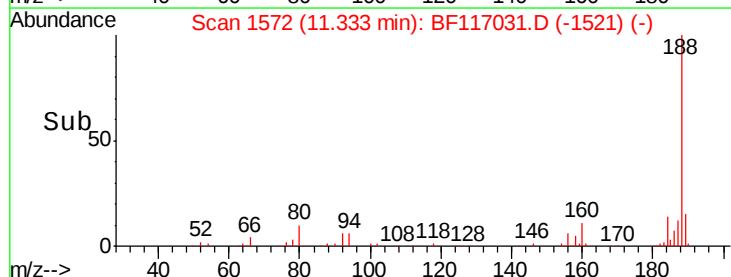
80 10.8 9.0 13.6



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





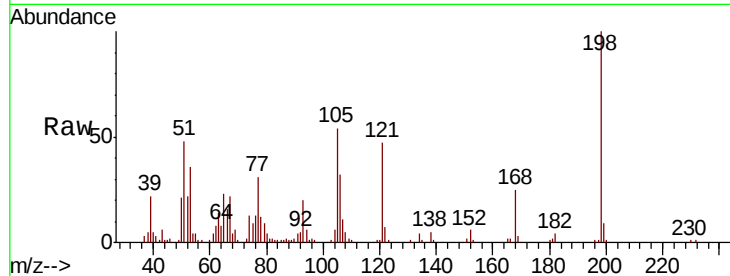
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.050 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. -0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

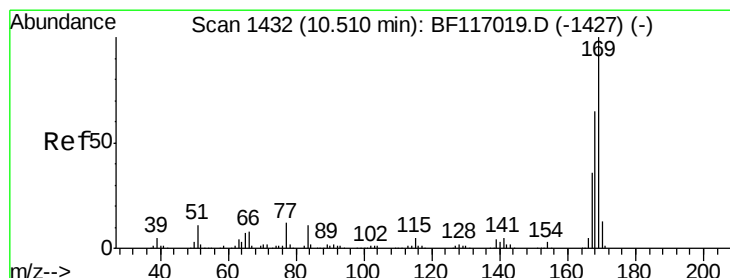
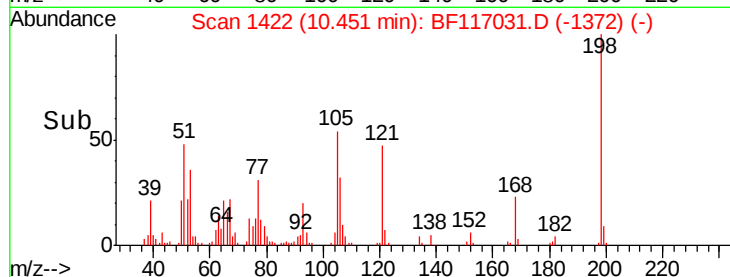
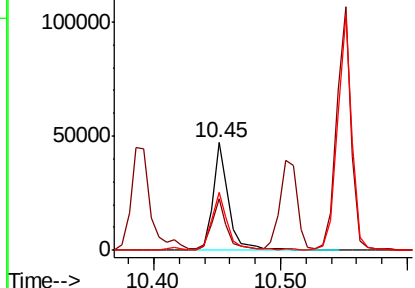
Tot Ion	Ratio	Lower	Upper
198	100		
51	47.9	18.7	58.7
105	54.2	30.2	70.2

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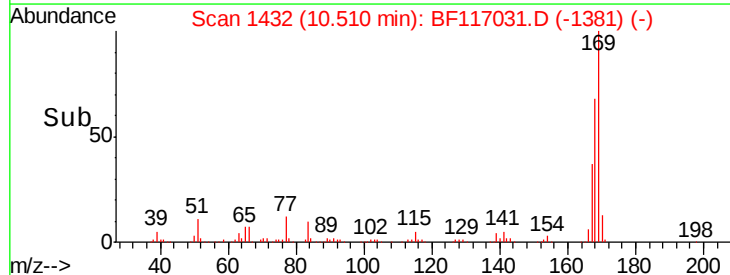
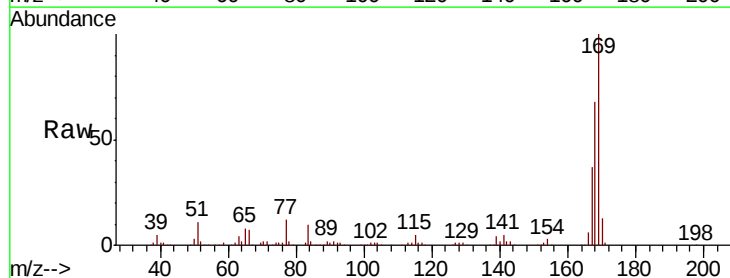
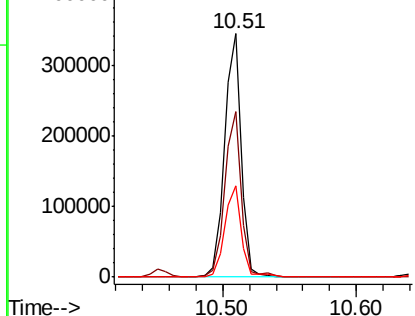
Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 37.328 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	52.2	78.2
167	37.3	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: 35.349 ng

RT: 10.88 min Scan# 1495

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

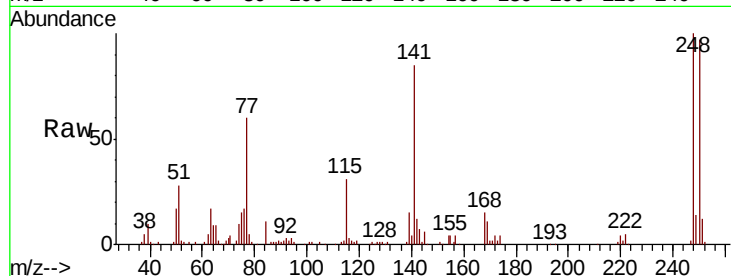
ClientSampled :

SB-3C-(9-10)MS

Tot Ion:	248	Resp:	85053
Ion Ratio	Lower	Upper	
248	100		
250	97.2	76.2	114.4
141	84.7	75.0	112.4

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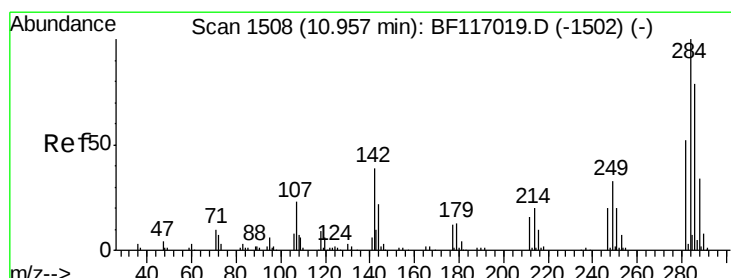
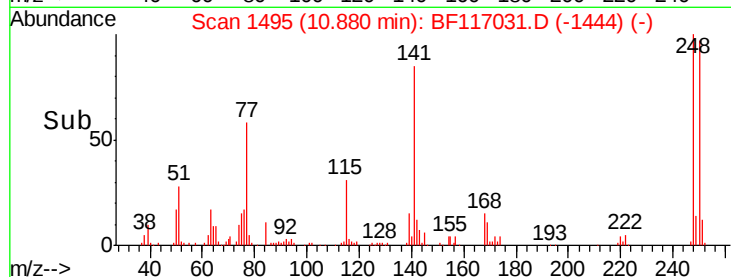
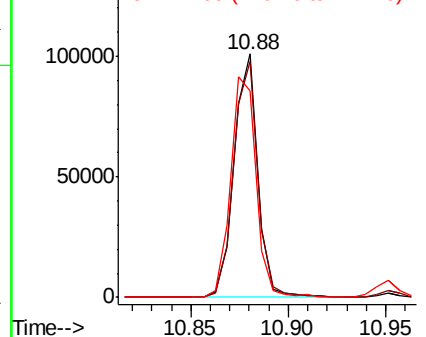


Abundance

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: 34.734 ng

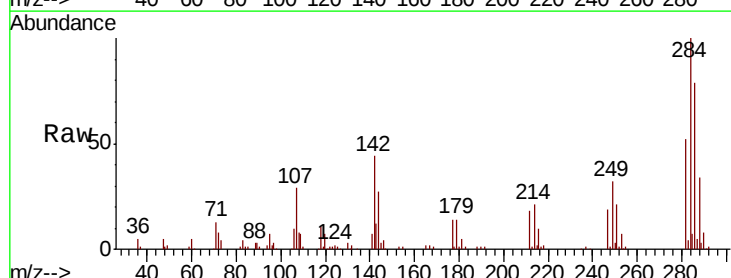
RT: 10.95 min Scan# 1507

Delta R.T. -0.01 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Tgt Ion:	284	Resp:	91409
Ion Ratio	Lower	Upper	
284	100		
142	43.9	31.4	47.2
249	31.9	26.5	39.7

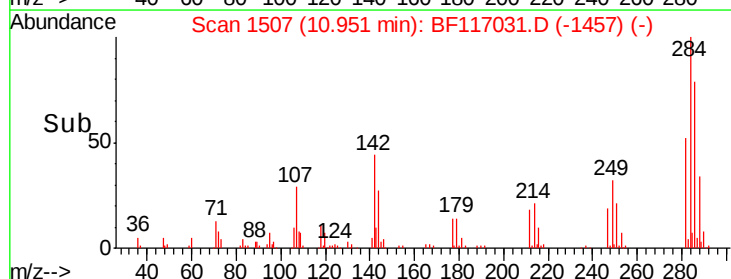
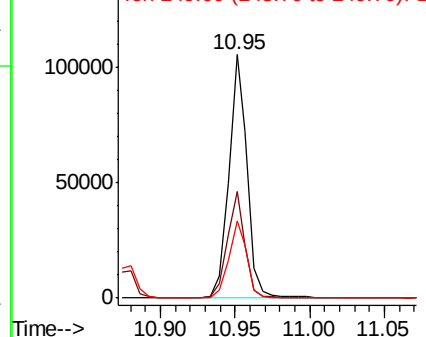


Abundance

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





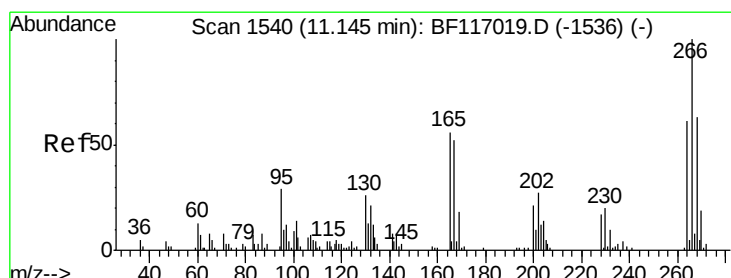
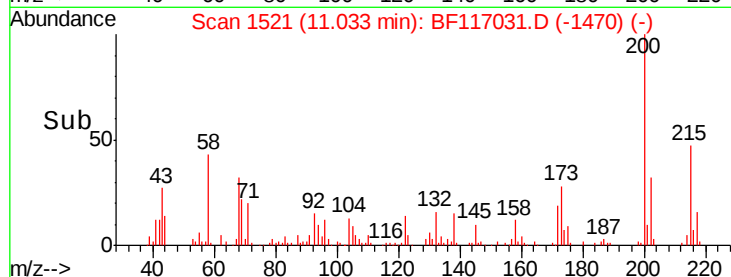
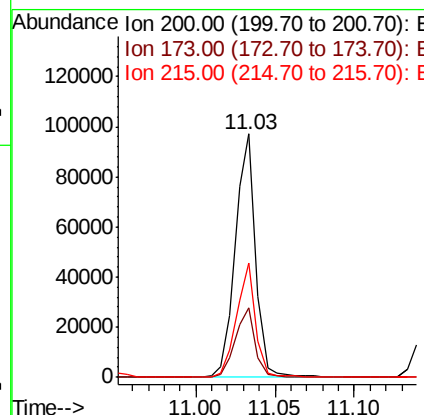
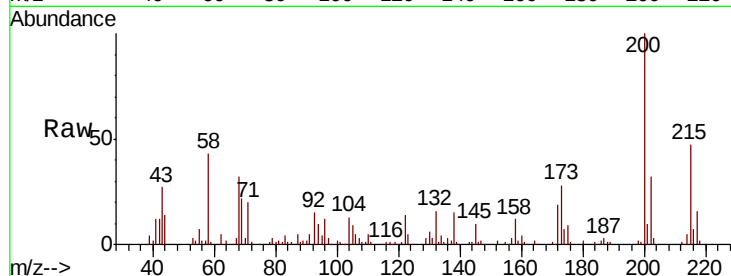
#69
 Atrazine
 Concen: 41.719 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	28.4	6.9	46.9
215	46.8	23.8	63.8

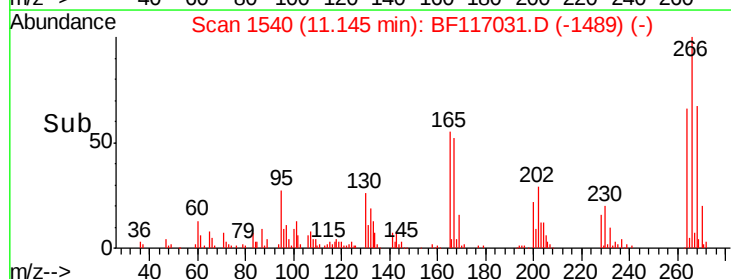
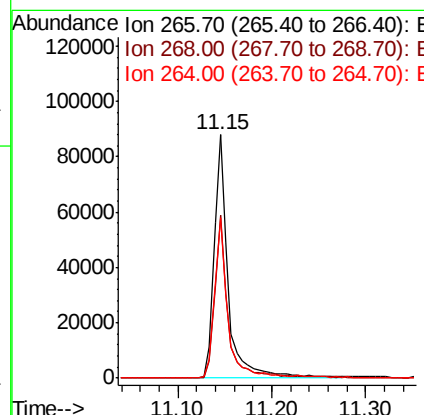
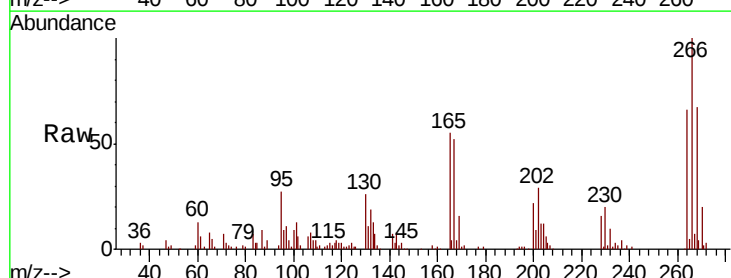
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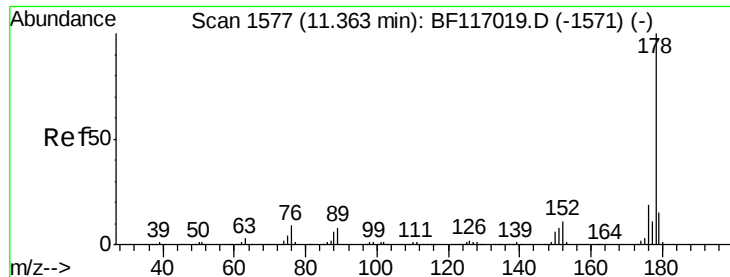
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#70
 Pentachlorophenol
 Concen: 75.662 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
266	100		
268	67.1	50.5	75.7
264	65.7	48.8	73.2





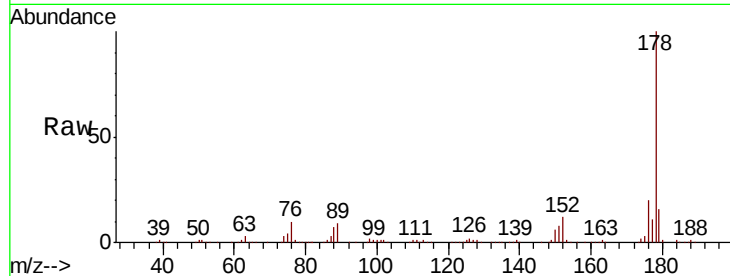
#71
Phenanthrene
Concen: 37.102 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	15.8	12.4	18.6

Manual Integrations
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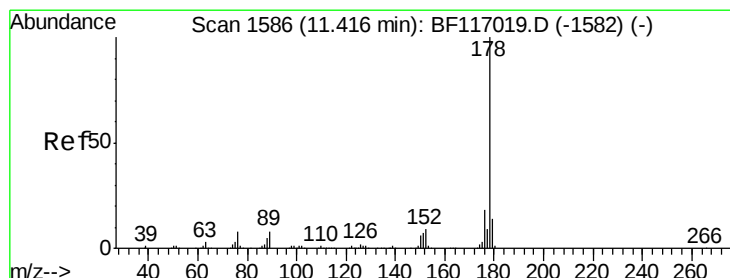
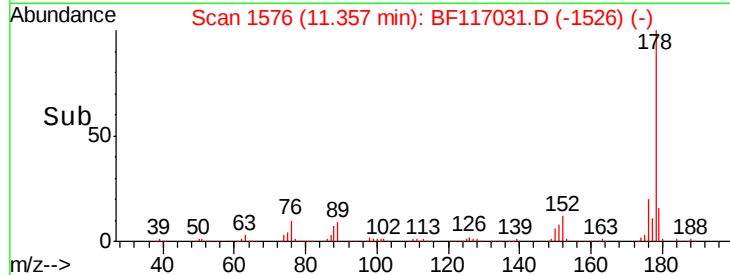
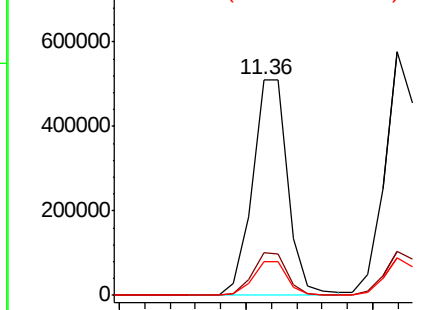


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72
Anthracene
Concen: 38.585 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

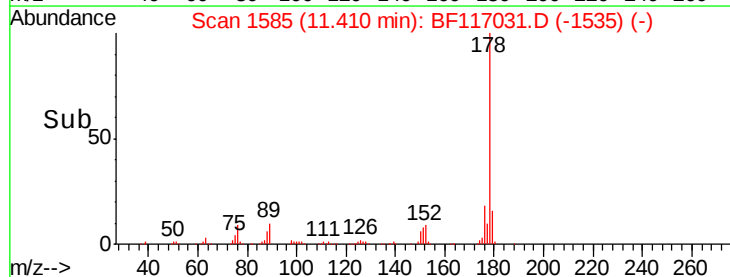
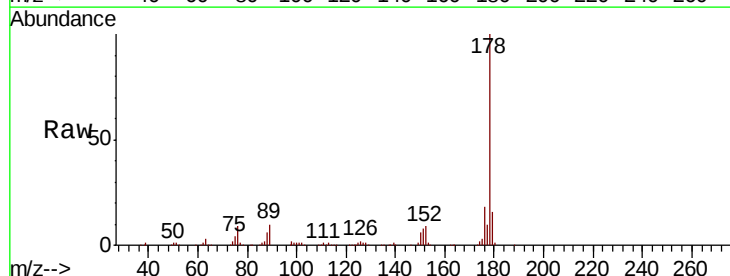
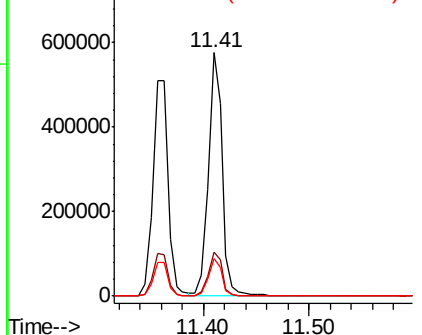
Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.5	11.6	17.4

Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





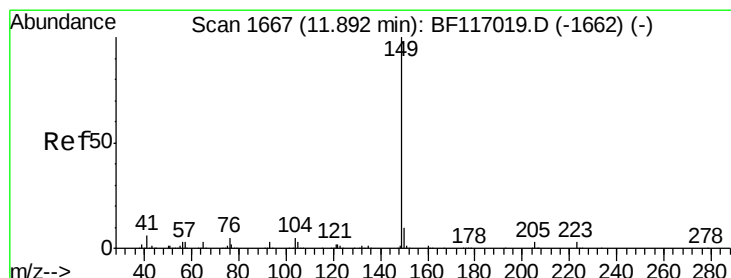
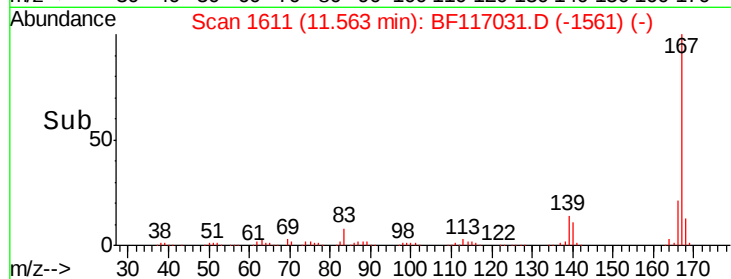
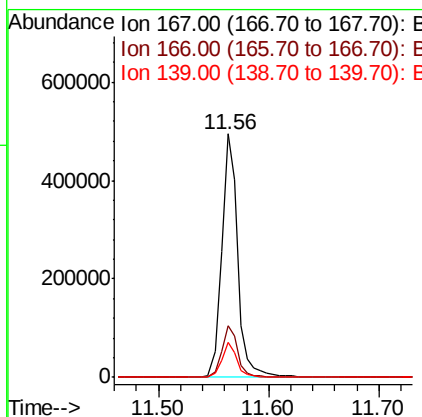
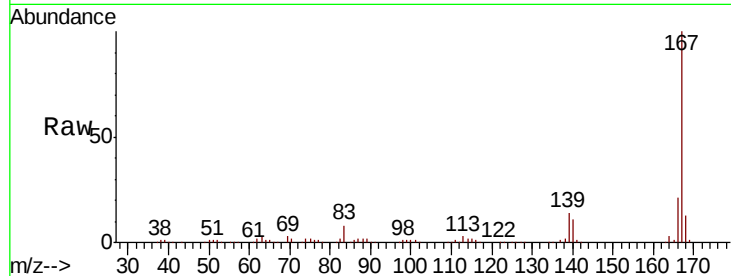
#73
 Carbazole
 Concen: 38.517 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	14.2	10.6	16.0

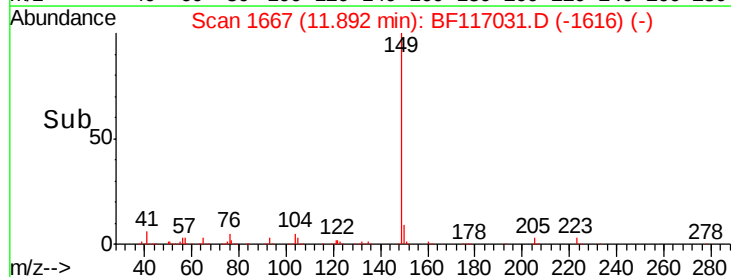
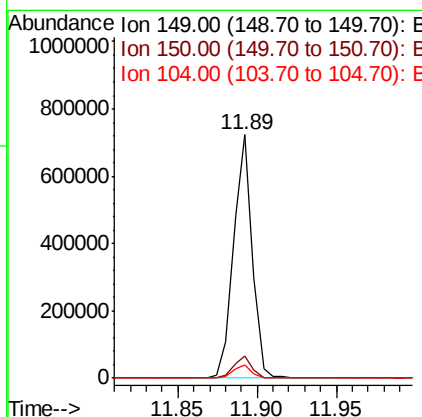
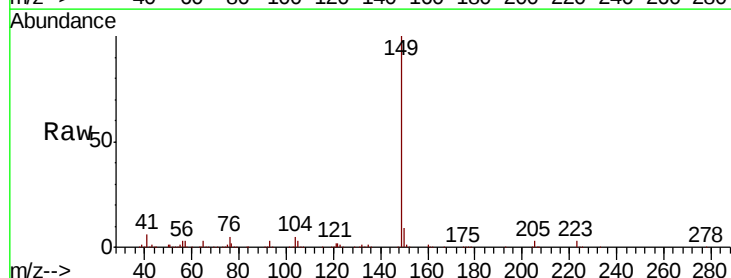
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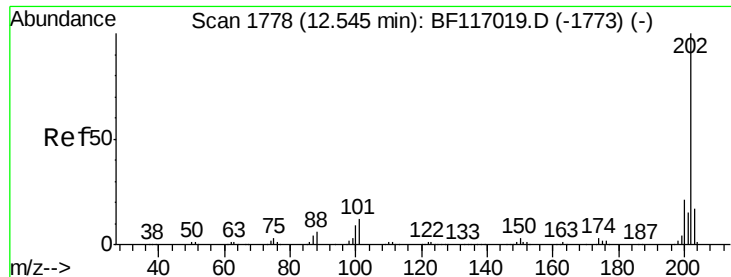
Jagrut
 9/16/2019 3:29:34 PM



#74
 Di-n-butylphthalate
 Concen: 38.204 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.7	11.5
104	5.5	4.2	6.4





#75

Fluoranthene

Concen: 38.062 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

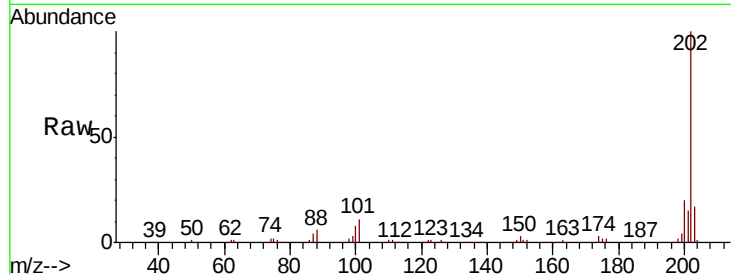
ClientSampleId :

SB-3C-(9-10)MS

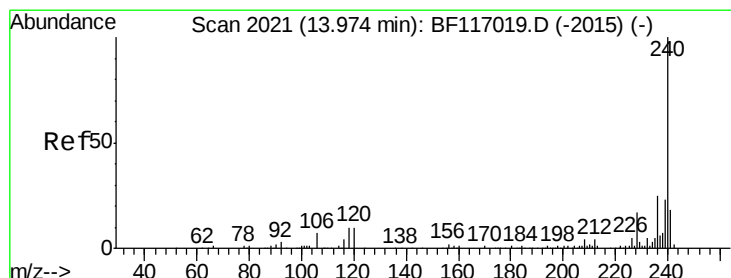
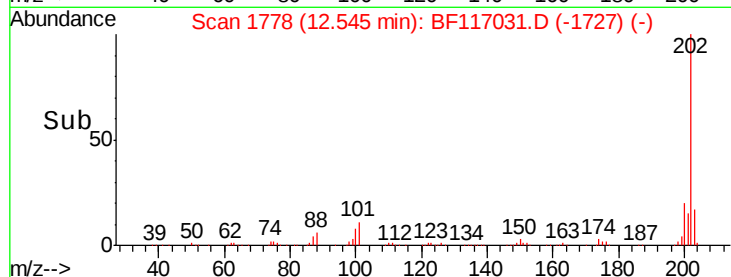
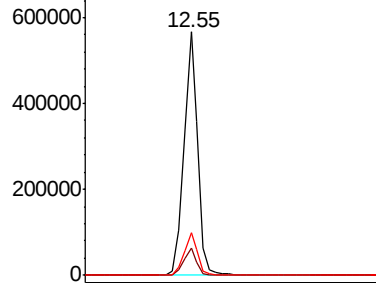
Tot Ion	Ratio	Resp	Lower	Upper
202	100	523364		
101	11.1	0.0	32.3	
203	17.4	0.0	37.1	

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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

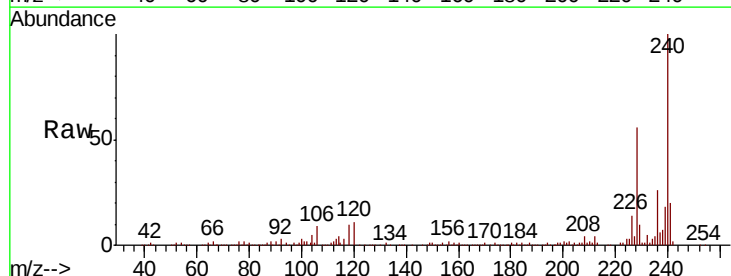
RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

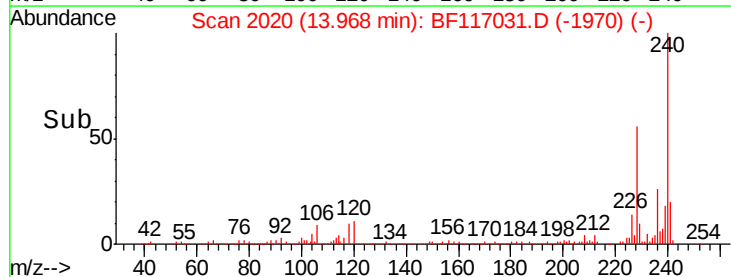
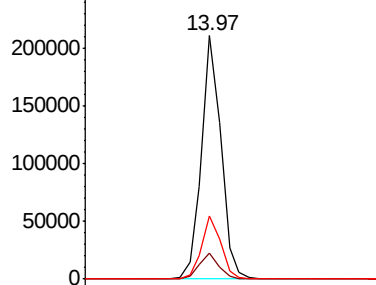
Lab File: BF117031.D

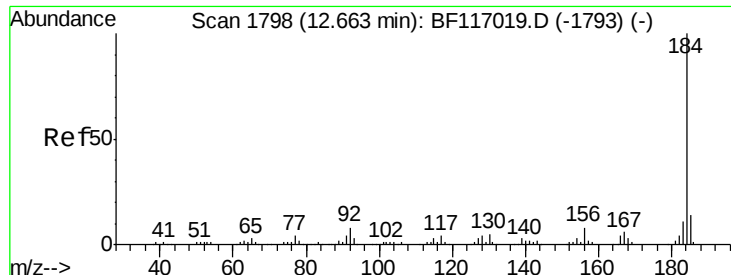
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	169554		
120	10.9	8.3	12.5	
236	25.7	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: 45.173 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Instrument :

BNA_F

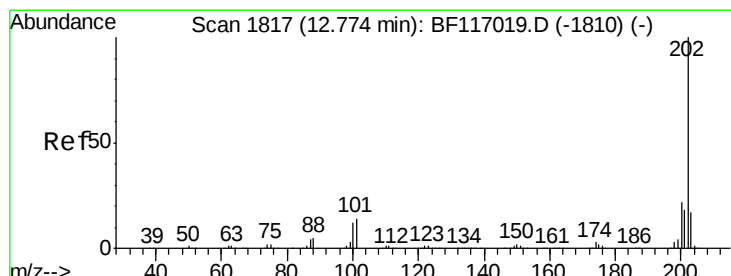
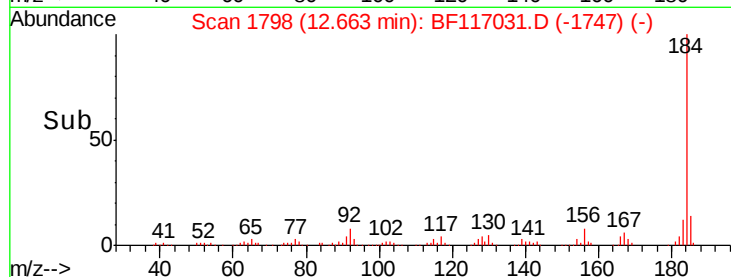
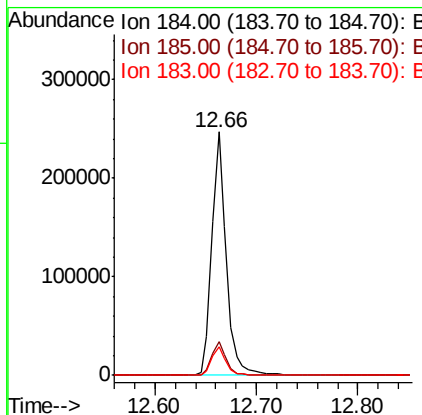
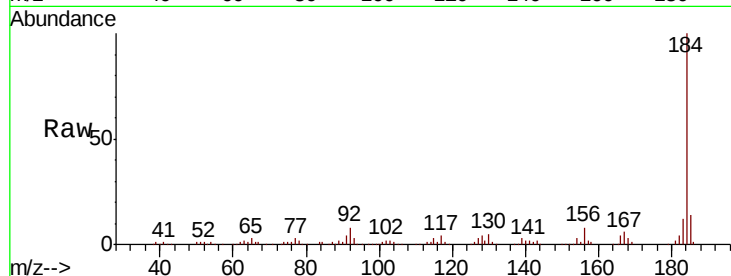
ClientSampleId :

SB-3C-(9-10)MS

Tot Ion	Ratio	Resp	Lower	Upper
184	100	246725		
185	13.8		11.6	17.4
183	11.5		9.0	13.4

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#78

Pyrene

Concen: 37.206 ng

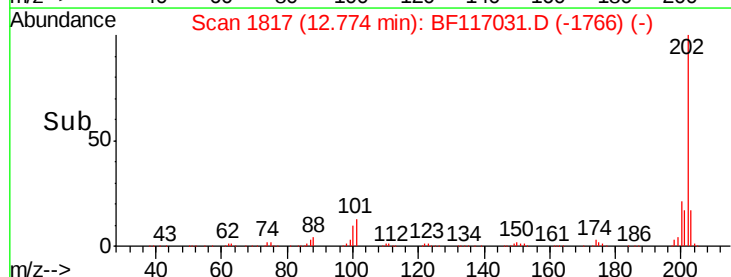
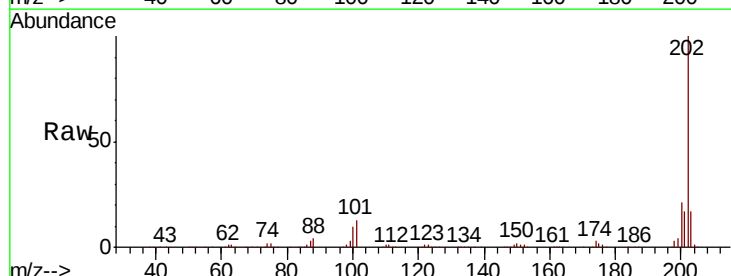
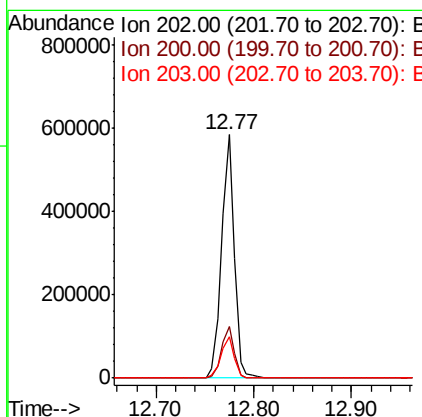
RT: 12.77 min Scan# 1817

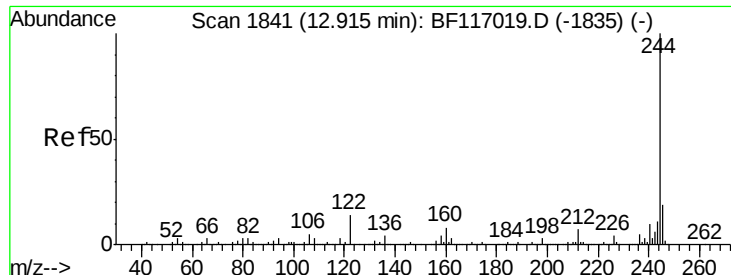
Delta R.T. 0.00 min

Lab File: BF117031.D

Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	529318		
200	21.2		17.2	25.8
203	17.2		14.0	21.0





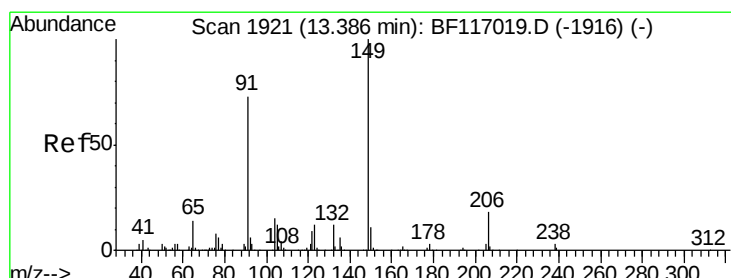
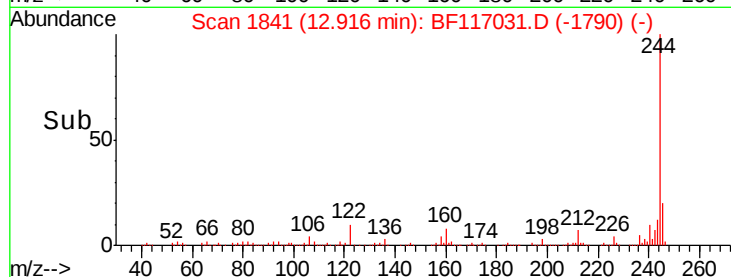
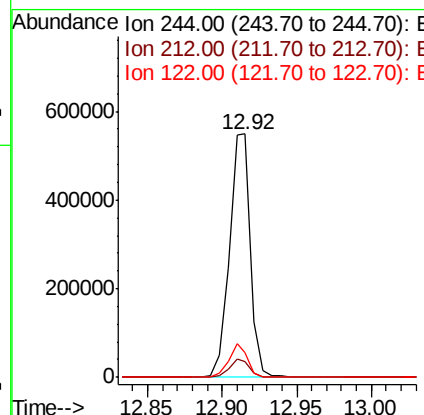
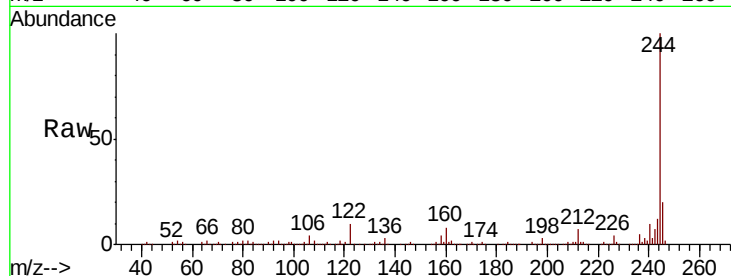
#79
 Terphenyl-d14
 Concen: 60.389 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion	Ratio	Resp Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.4	11.3	16.9#

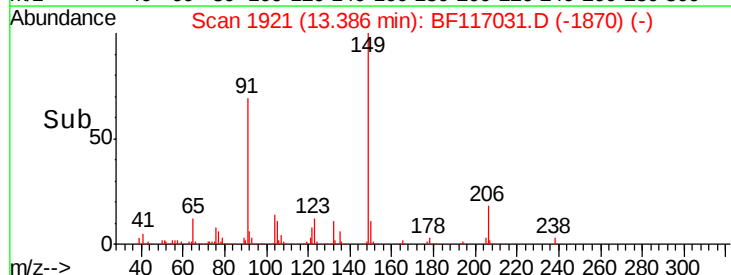
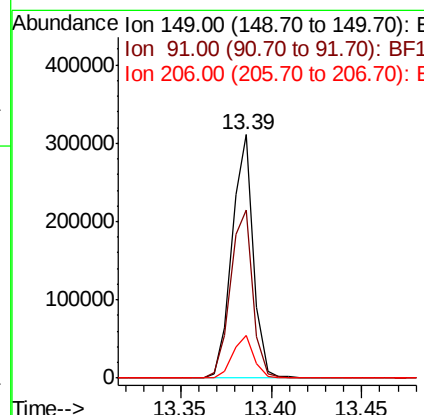
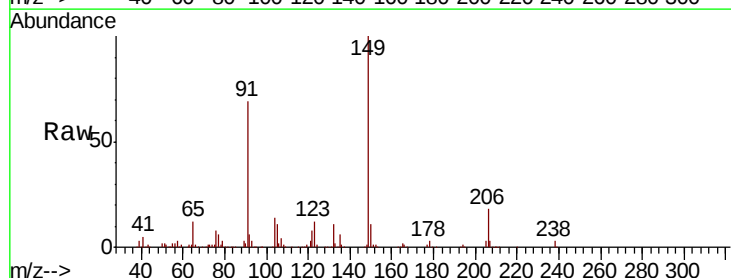
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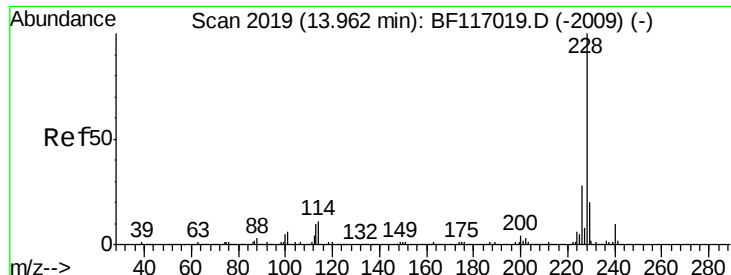
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#80
 Butylbenzylphthalate
 Concen: 37.886 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
91	69.0	58.8	88.2
206	17.6	14.1	21.1





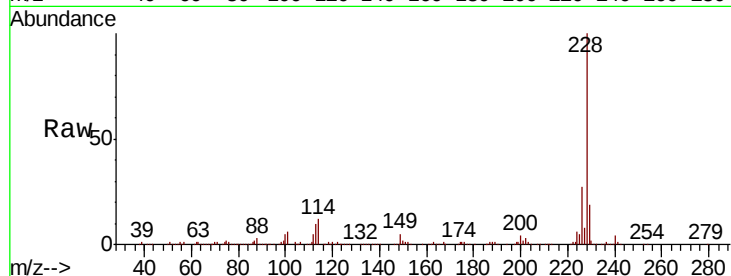
#81
Benzo(a)anthracene
Concen: 35.959 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
228	100		407350		
226	27.3	22.3	33.5		
229	19.2	15.9	23.9		

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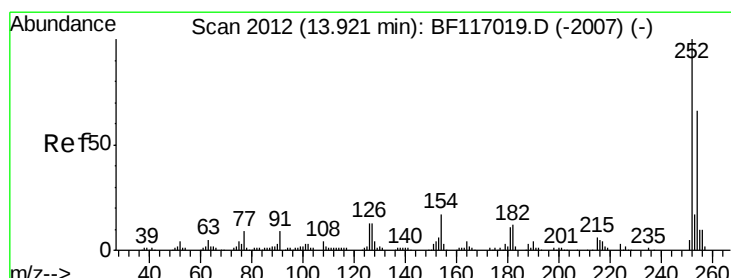
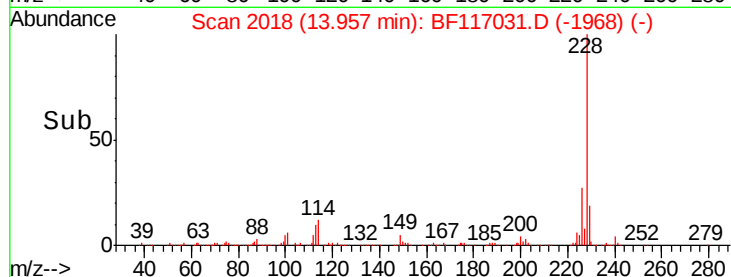
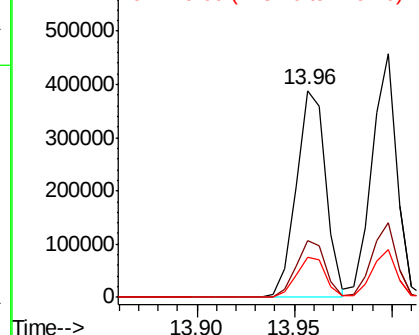


Abundance

Ion 228.00 (227.70 to 228.70): E

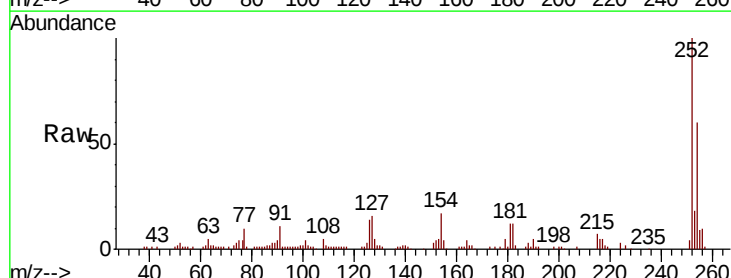
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 20.525 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100		74925		
254	60.4	52.6	79.0		
126	13.6	10.4	15.6		

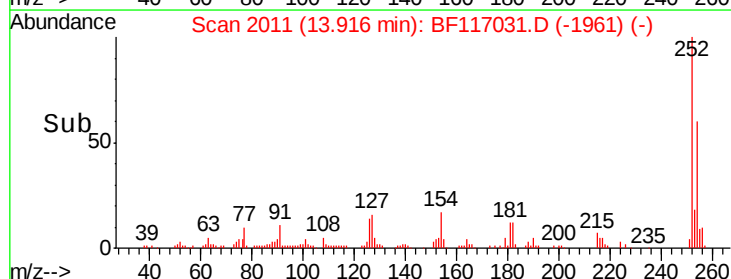
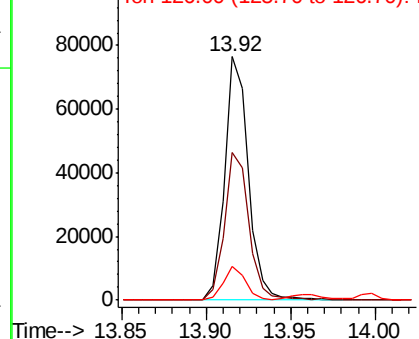


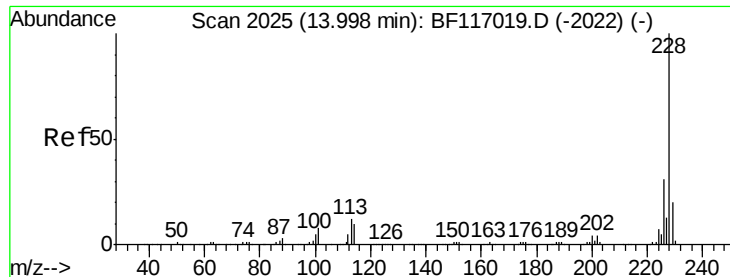
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





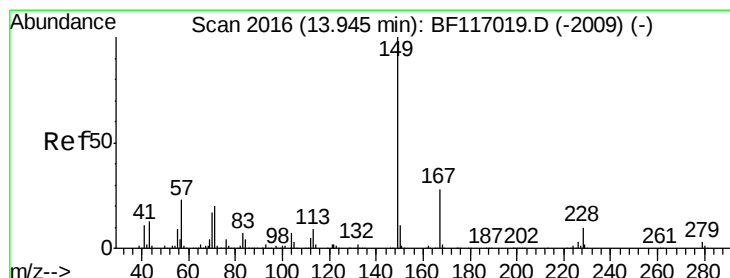
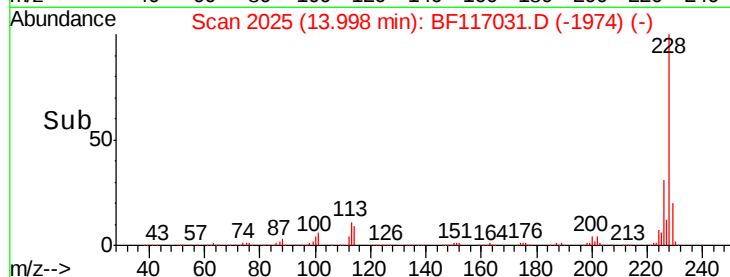
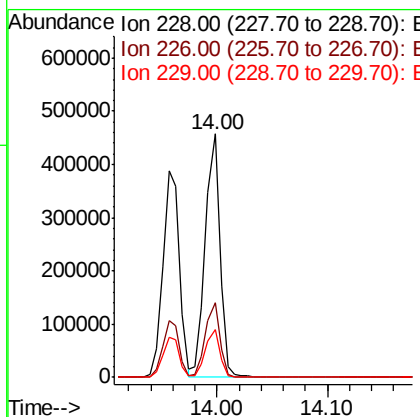
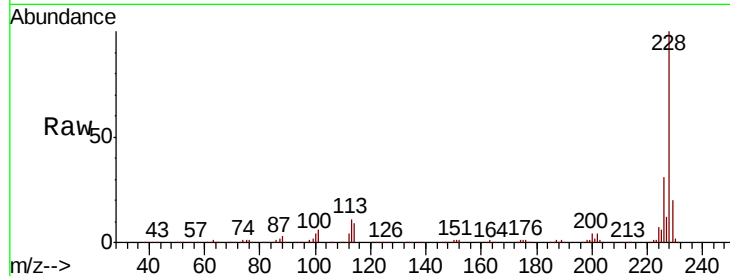
#83
 Chrysene
 Concen: 37.318 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Instrument :
 BNA_F
 ClientSampleId :
 SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.8	37.2
229	19.8	15.8	23.8

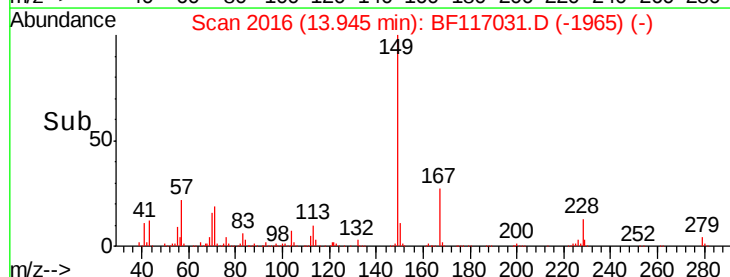
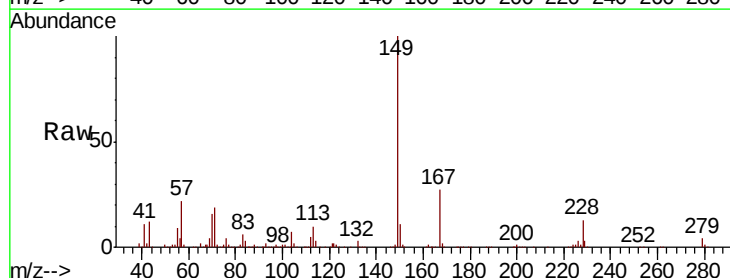
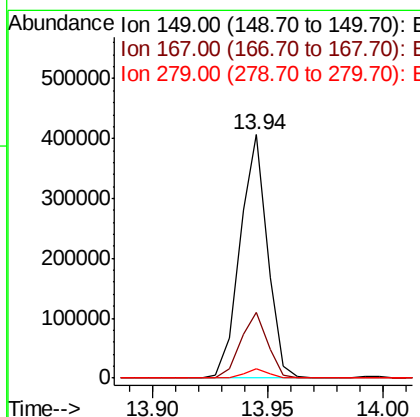
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 38.843 ng
 RT: 13.94 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BF117031.D
 Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	22.2	33.2
279	3.7	2.8	4.2





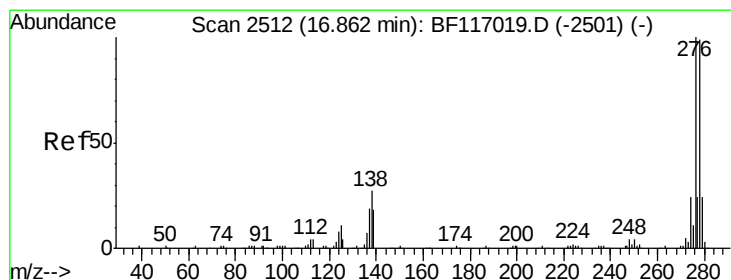
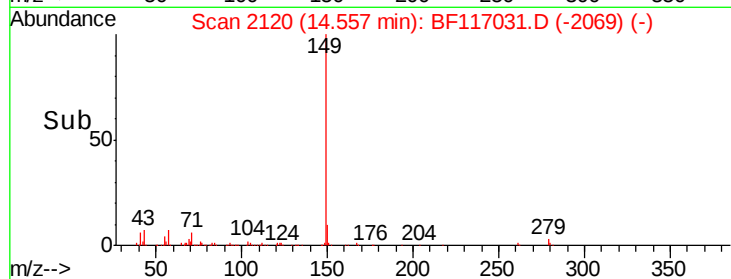
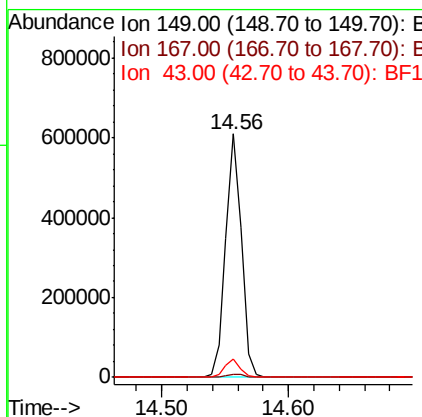
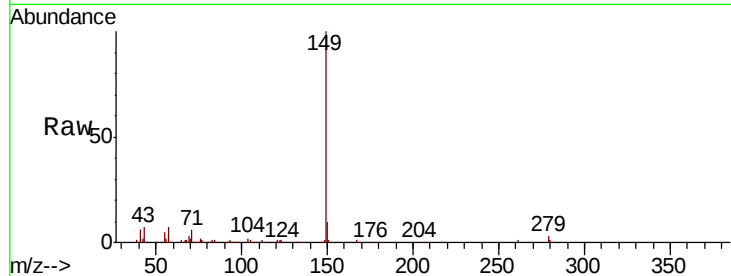
#85
Di-n-octyl phthalate
Concen: 38.779 ng
RT: 14.56 min Scan# 2120
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.2	6.2	9.4

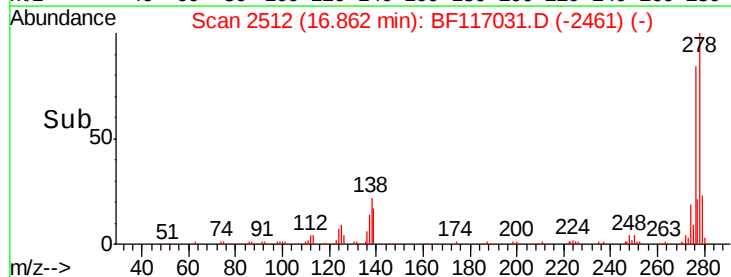
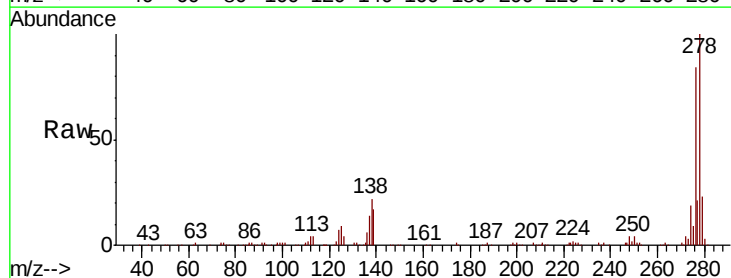
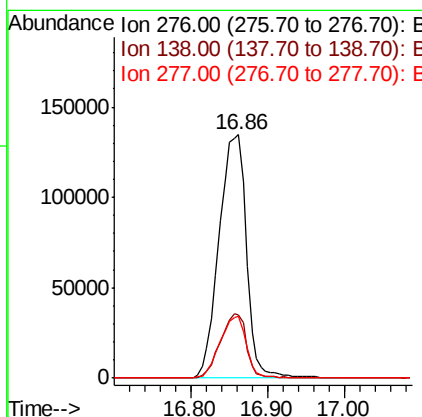
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.252 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.4	20.7	31.1
277	24.5	19.8	29.8





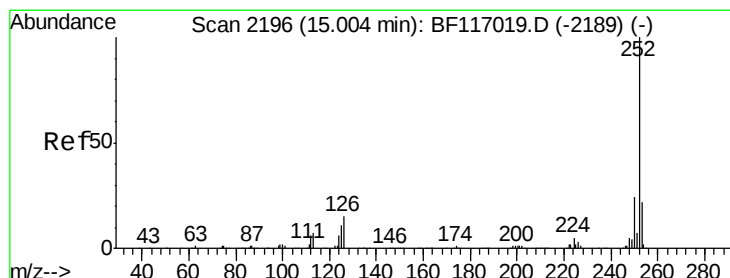
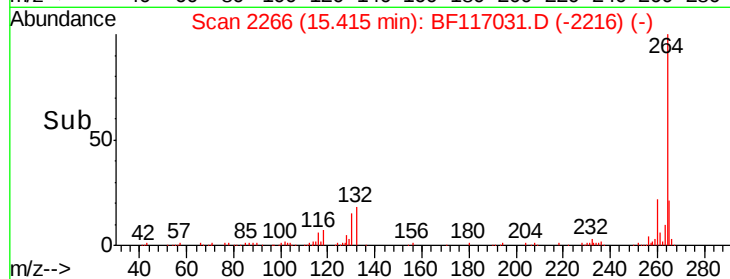
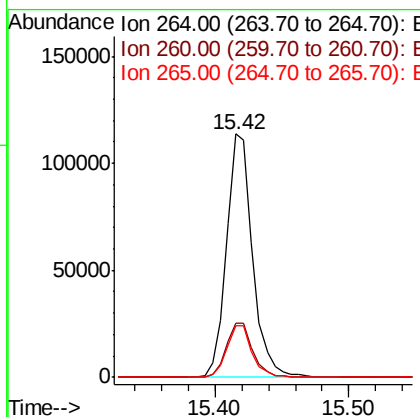
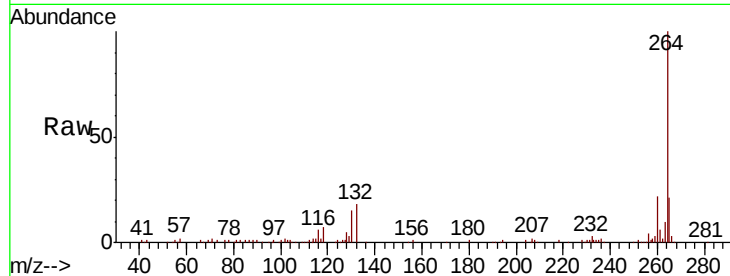
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.6	26.4
265	21.3	16.6	24.8

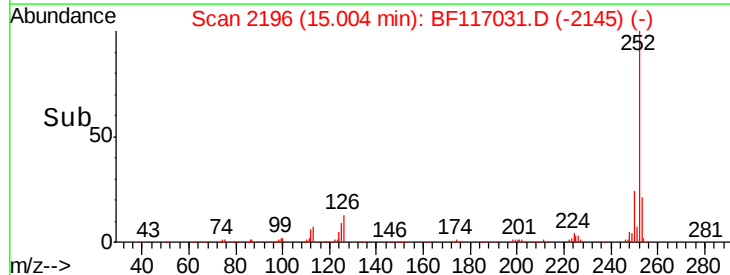
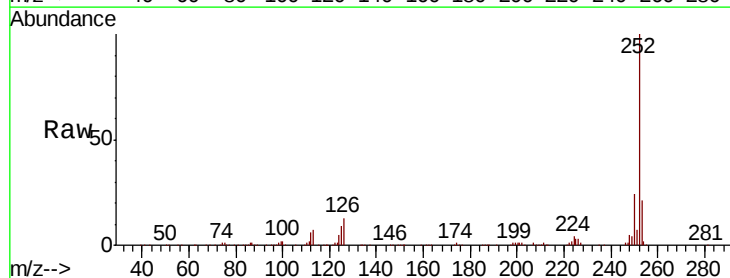
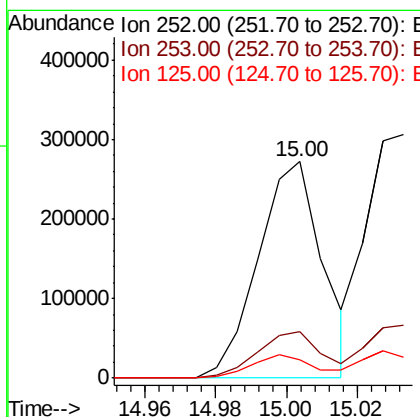
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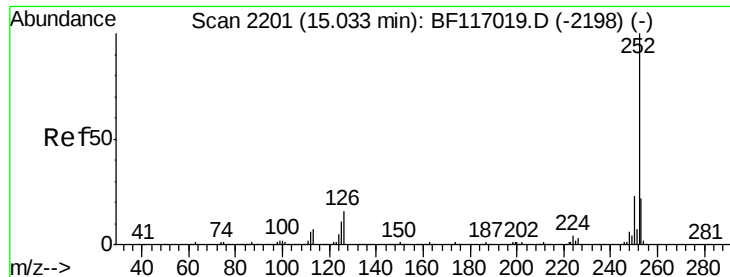
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#88
Benzo(b)fluoranthene
Concen: 36.428 ng m
RT: 15.00 min Scan# 2196
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.6	26.4
125	8.5	8.6	12.8#





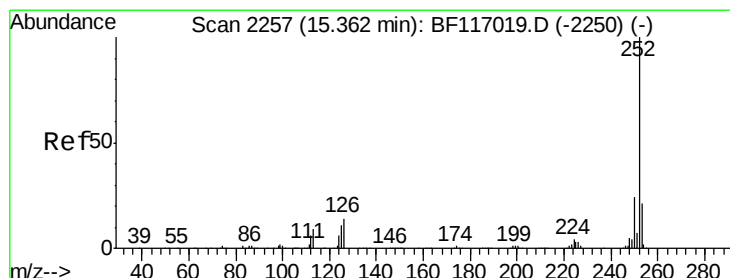
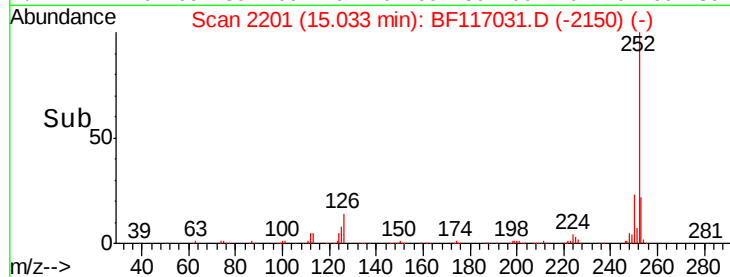
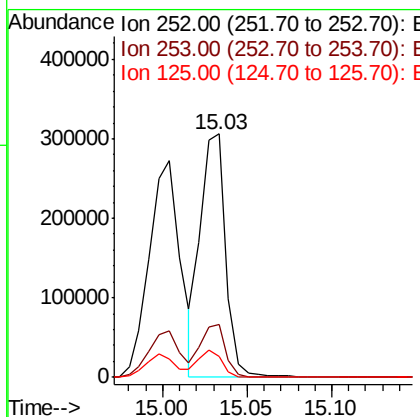
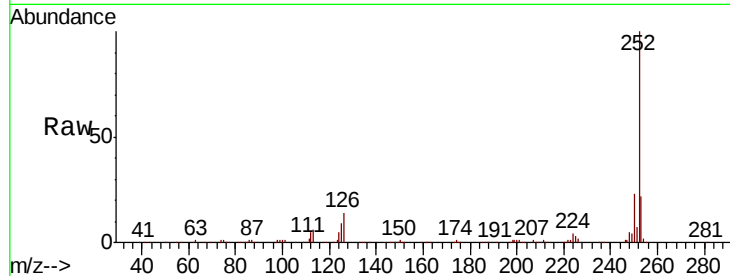
#89
Benzo(k)fluoranthene
Concen: 35.515 ng
RT: 15.03 min Scan# 2201
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.4	26.2
125	8.6	8.8	13.2

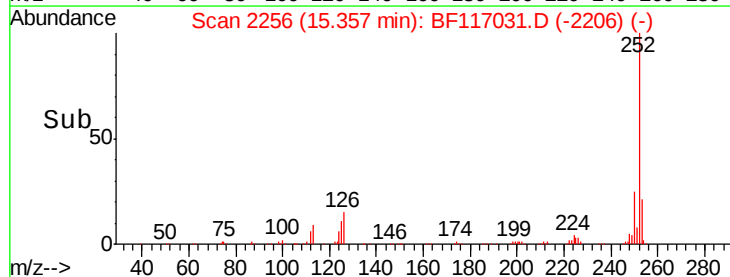
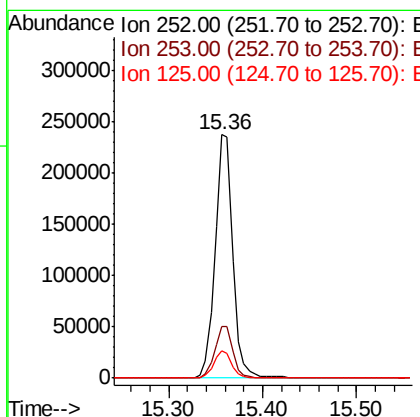
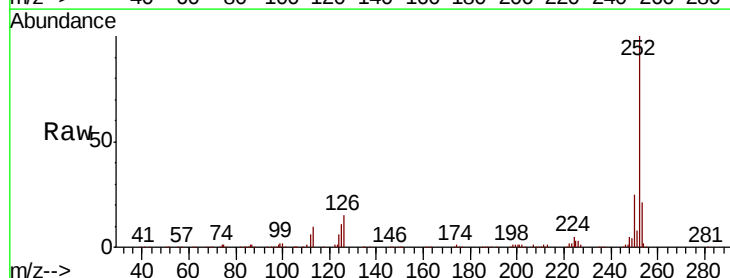
Manual Integrations
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#90
Benzo(a)pyrene
Concen: 37.738 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.2	16.6	25.0
125	11.4	8.9	13.3





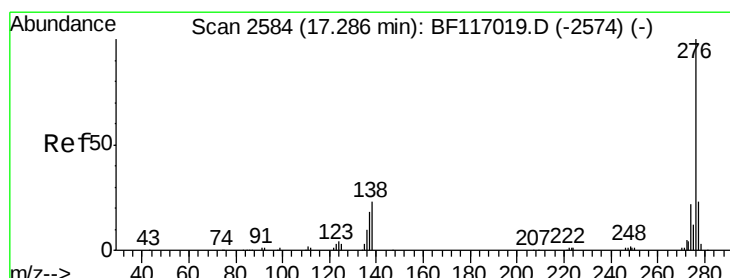
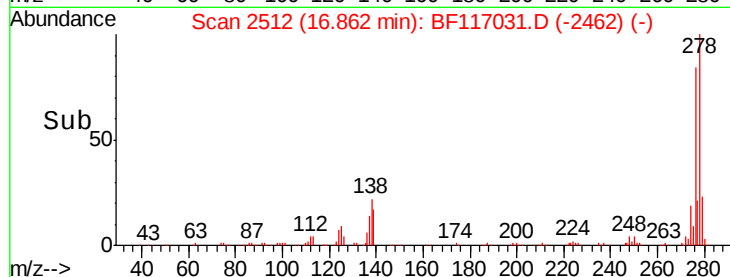
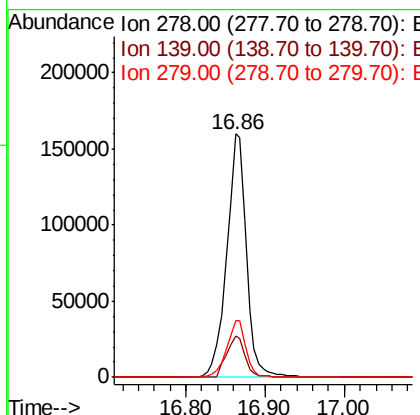
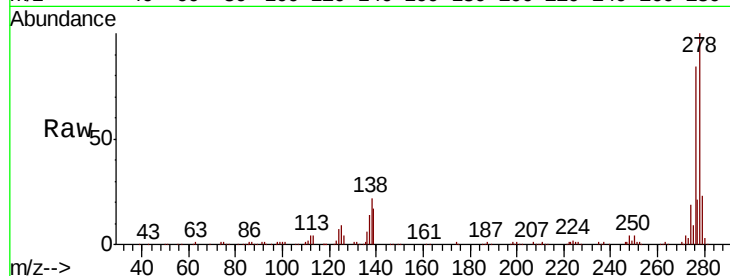
#91
Dibenzo(a,h)anthracene
Concen: 41.334 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Instrument :
BNA_F
ClientSampleId :
SB-3C-(9-10)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.5	20.3
279	23.0	18.8	28.2

Manual Integrations
APPROVED

Jagrut
9/16/2019 3:29:34 PM



#92
Benzo(g,h,i)perylene
Concen: 42.751 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF117031.D
Acq: 13 Sep 2019 19:18

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	22.3	18.0	27.0

