

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092019\
 Data File : BF117187.D
 Acq On : 20 Sep 2019 16:04
 Operator : HP/JU
 Sample : PB123244BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Manual Integrations
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mohammad
 9/24/2019 9:12:32 AM

Quant Time: Sep 21 00:52:30 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	45271	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	183704	20.00	ng	0.00
39) Acenaphthene-d10	9.86	164	98243	20.00	ng	0.00
64) Phenanthrene-d10	11.35	188	157637	20.00	ng	0.01
76) Chrysene-d12	13.99	240	103446	20.00	ng	0.01
87) Perylene-d12	15.44	264	81001	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	245023	84.50	ng	0.02
7) Phenol-d6	6.47	99	331164	88.37	ng	0.01
23) Nitrobenzene-d5	7.39	82	304101	86.98	ng	0.00
42) 2,4,6-Tribromophenol	10.65	330	82969	101.05	ng	0.00
45) 2-Fluorobiphenyl	9.18	172	605883	96.43	ng	0.00
79) Terphenyl-d14	12.93	244	578662	104.56	ng	0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.68	88	32347	26.659	ng	96
3) Pyridine	3.42	79	83099	25.022	ng	96
4) n-Nitrosodimethylamine	3.38	42	47907	42.034	ng	# 76
6) Aniline	6.49	93	153707	31.858	ng	# 80
8) 2-Chlorophenol	6.61	128	134333	42.943	ng	98
9) Benzaldehyde	6.37	77	96739	55.267	ng	96
10) Phenol	6.48	94	170681	41.315	ng	87
11) bis(2-Chloroethyl)ether	6.56	93	124487	41.000	ng	100
12) 1,3-Dichlorobenzene	6.76	146	134760	38.391	ng	98
13) 1,4-Dichlorobenzene	6.84	146	139770	39.017	ng	99
14) 1,2-Dichlorobenzene	6.99	146	135585	40.653	ng	97
15) Benzyl Alcohol	6.97	79	129105	44.926	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	113895	37.968	ng	64
17) 2-Methylphenol	7.08	107	110793	42.260	ng	# 90
18) Hexachloroethane	7.33	117	54816	39.777	ng	96
19) n-Nitroso-di-n-propylamine	7.24	70	100884	44.211	ng	91
20) 3+4-Methylphenols	7.24	107	143684	43.999	ng	# 78
22) Acetophenone	7.23	105	201472	43.166	ng	# 92
24) Nitrobenzene	7.41	77	151056	43.750	ng	96
25) Isophorone	7.65	82	272344	43.994	ng	99
26) 2-Nitrophenol	7.72	139	68475	46.171	ng	# 93
27) 2,4-Dimethylphenol	7.76	122	118885	50.550	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	161339	42.302	ng	99
29) 2,4-Dichlorophenol	7.97	162	111214	45.130	ng	97
30) 1,2,4-Trichlorobenzene	8.05	180	110889	41.651	ng	99
31) Naphthalene	8.13	128	383589	43.417	ng	98
32) Benzoic acid	7.93	122	64031	37.697	ng	98
33) 4-Chloroaniline	8.17	127	69492	17.734	ng	98
34) Hexachlorobutadiene	8.25	225	67065	44.400	ng	98
35) Caprolactam	8.56	113	28506m	34.175	ng	
36) 4-Chloro-3-methylphenol	8.67	107	132137	45.986	ng	97
37) 2-Methylnaphthalene	8.82	142	272350	45.777	ng	98
38) 1-Methylnaphthalene	8.92	142	250045	44.874	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	110732	43.649	ng	# 97

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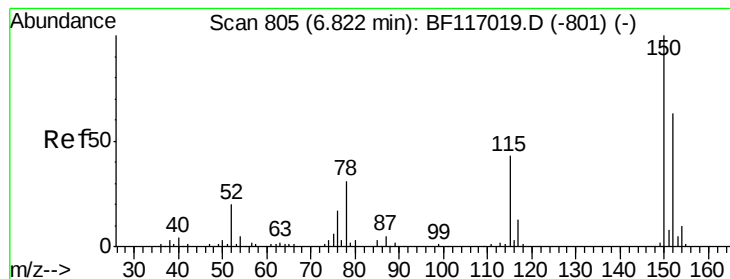
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	123536	107.206	nq	99
43) 2,4,6-Trichlorophenol	9.10	196	74920	43.517	nq	99
44) 2,4,5-Trichlorophenol	9.15	196	81728	44.432	nq	97
46) 1,1'-Biphenyl	9.28	154	326848	42.414	nq	100
47) 2-Chloronaphthalene	9.31	162	253074	41.612	nq	99
48) 2-Nitroaniline	9.40	65	78023	39.996	nq	90
49) Acenaphthylene	9.72	152	397121	43.587	nq	99
50) Dimethylphthalate	9.58	163	309400	44.479	nq	98
51) 2,6-Dinitrotoluene	9.65	165	64842	45.769	nq	92
52) Acenaphthene	9.89	154	230116	42.608	nq	100
53) 3-Nitroaniline	9.82	138	36664	20.512	nq	95
54) 2,4-Dinitrophenol	9.93	184	48008	78.653	nq	88
55) Dibenzofuran	10.07	168	359897	45.165	nq	99
56) 4-Nitrophenol	10.00	139	82650	71.343	nq	87
57) 2,4-Dinitrotoluene	10.06	165	87222	47.429	nq	# 84
58) Fluorene	10.41	166	294564	45.890	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	63503m	45.115	nq	
60) Diethylphthalate	10.28	149	323398	47.256	nq	98
61) 4-Chlorophenyl-phenylether	10.40	204	135066	48.633	nq	98
62) 4-Nitroaniline	10.44	138	69451	37.361	nq	# 84
63) Azobenzene	10.56	77	324183	46.381	nq	96
65) 4,6-Dinitro-2-methylphenol	10.47	198	36303	50.177	nq	# 76
66) n-Nitrosodiphenylamine	10.52	169	255120	46.861	nq	99
67) 4-Bromophenyl-phenylether	10.89	248	76924	47.783	nq	98
68) Hexachlorobenzene	10.96	284	79688	45.257	nq	98
69) Atrazine	11.05	200	71589	56.681	nq	97
70) Pentachlorophenol	11.16	266	74414	90.159	nq	97
71) Phenanthrene	11.37	178	400397	44.719	nq	100
72) Anthracene	11.42	178	418141	45.743	nq	100
73) Carbazole	11.57	167	360870	41.591	nq	99
74) Di-n-butylphthalate	11.90	149	518217	50.198	nq	99
75) Fluoranthene	12.56	202	396631	43.112	nq	98
77) Benzidine	12.67	184	223586	67.097	nq	97
78) Pyrene	12.79	202	388853	44.799	nq	99
80) Butylbenzylphthalate	13.39	149	198247	48.336	nq	95
81) Benzo(a)anthracene	13.97	228	292660	42.345	nq	98
82) 3,3'-Dichlorobenzidine	13.93	252	50114	22.501	nq	98
83) Chrysene	14.02	228	285258	42.318	nq	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	295028	55.790	nq	97
85) Di-n-octyl phthalate	14.57	149	447816	53.803	nq	100
86) Indeno(1,2,3-cd)pyrene	16.90	276	198631	40.390	nq	97
88) Benzo(b)fluoranthene	15.02	252	206656	42.119	nq	99
89) Benzo(k)fluoranthene	15.05	252	226795	48.796	nq	97
90) Benzo(a)pyrene	15.39	252	200316	46.525	nq	98
91) Dibenzo(a,h)anthracene	16.91	278	168984	49.267	nq	97
92) Benzo(g,h,i)perylene	17.33	276	155038	45.360	nq	98

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



#1

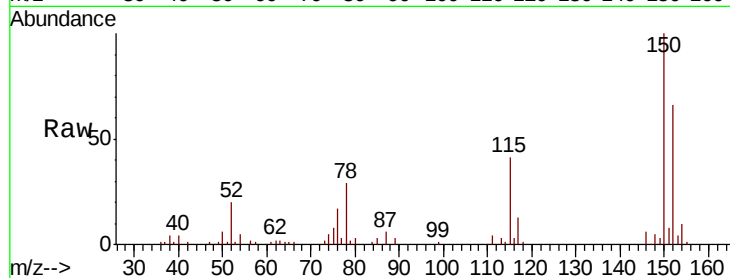
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.6	127.5	191.3
115	62.2	55.0	82.4

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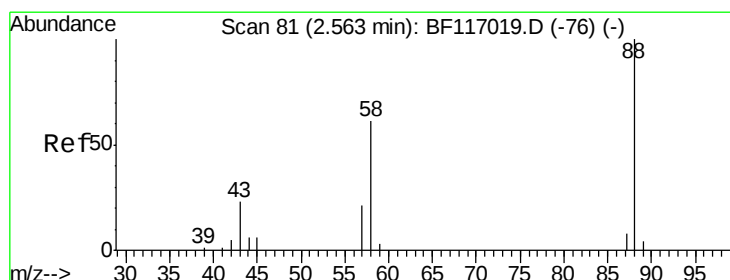
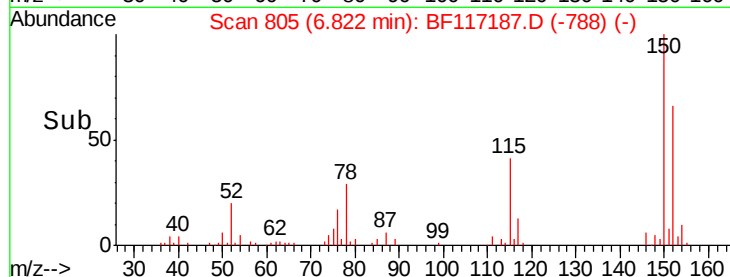
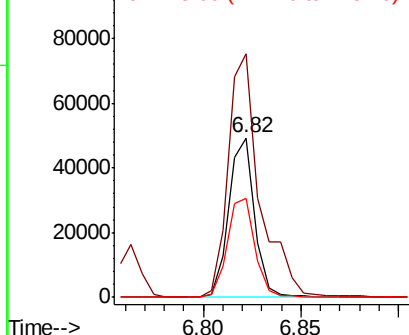


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

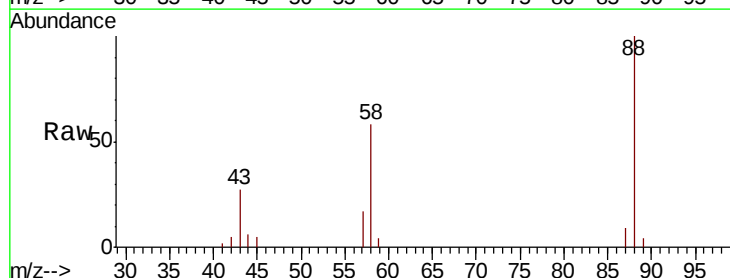
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 26.659 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.12 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	59.5	49.3	73.9
43	27.5	18.8	28.2

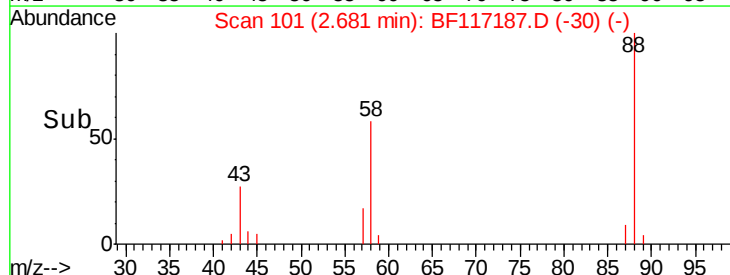
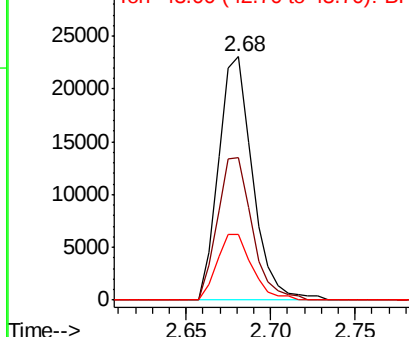


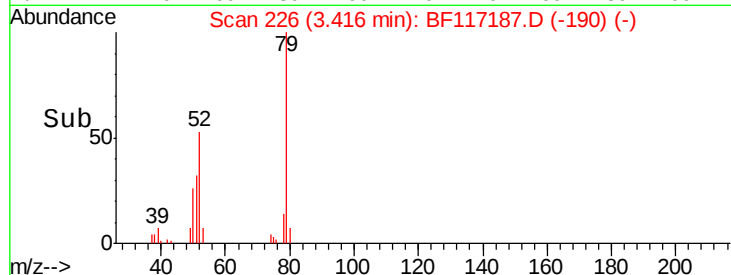
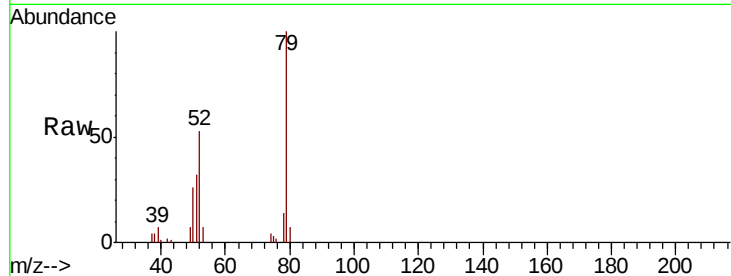
Abundance

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





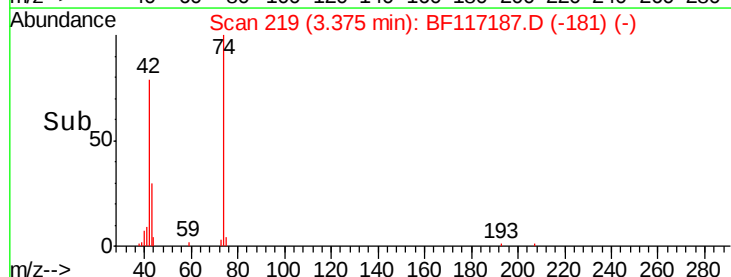
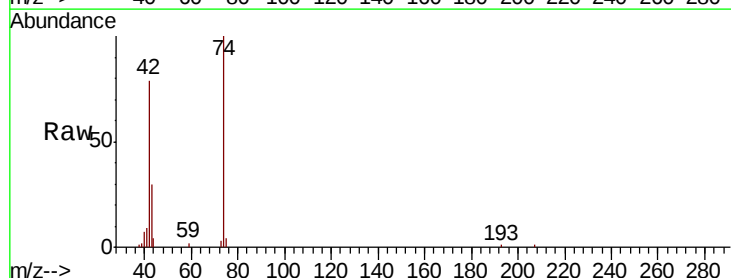
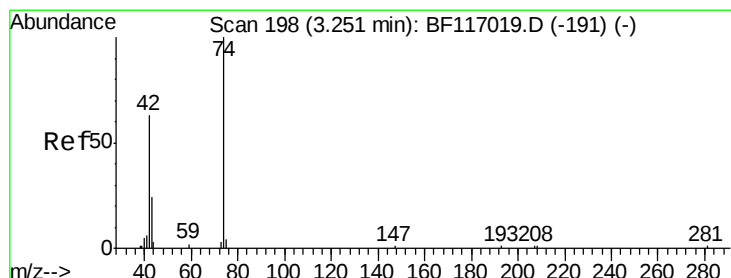
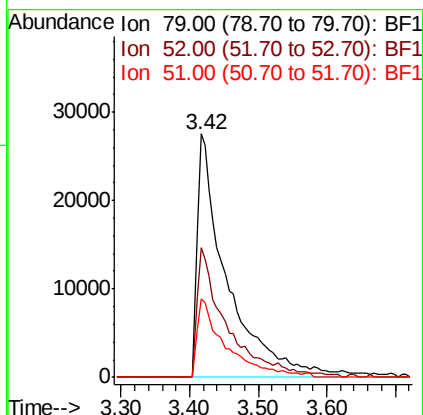
#3
Pvridine
Concen: 25.022 ng
RT: 3.42 min Scan# 226
Delta R.T. 0.11 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.1	43.5	65.3
51	32.2	21.8	32.6

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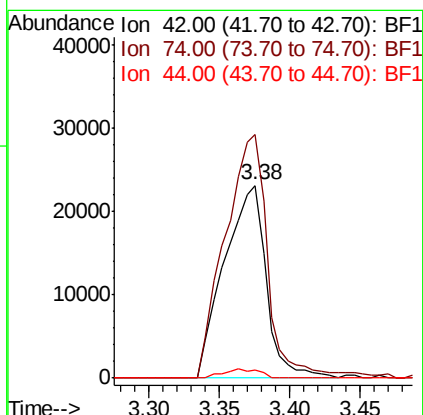
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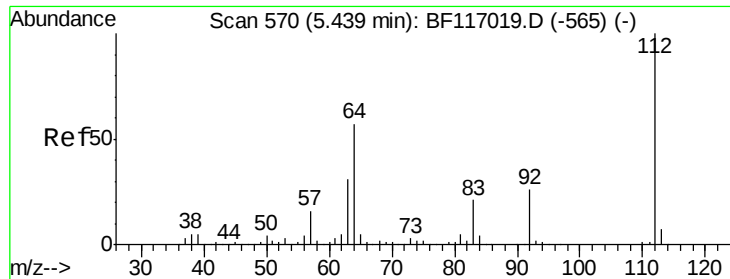
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#4
n-Nitrosodimethylamine
Concen: 42.034 ng
RT: 3.38 min Scan# 219
Delta R.T. 0.12 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
42	100		
74	126.4	127.1	190.7#
44	4.5	4.3	6.5





#5

2-Fluorophenol

Concen: 84.500 ng

RT: 5.46 min Scan# 573

Delta R.T. 0.02 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

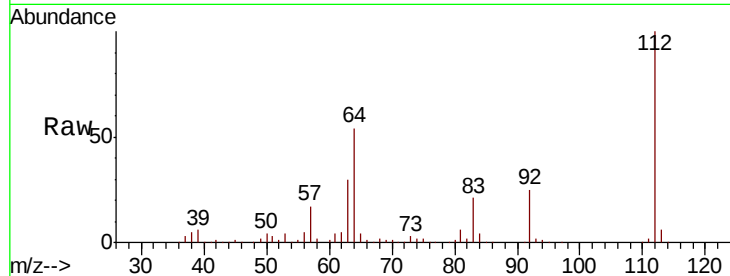
ClientSampleId :

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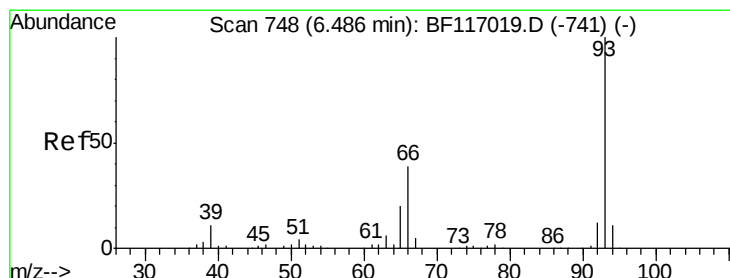
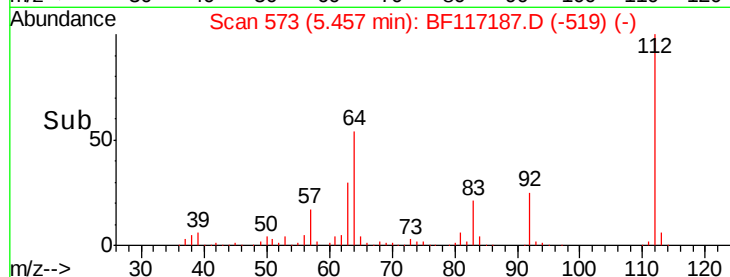
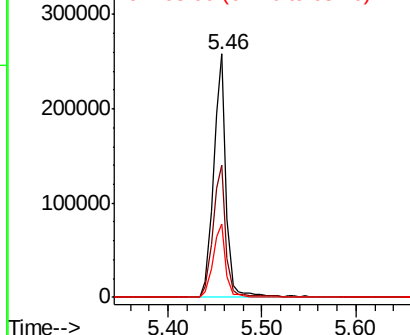
Tot Ion:	112	Resp:	245023
Ion Ratio	Lower	Upper	
112	100		
64	54.1	45.7	68.5
63	30.3	24.9	37.3

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Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 31.858 ng

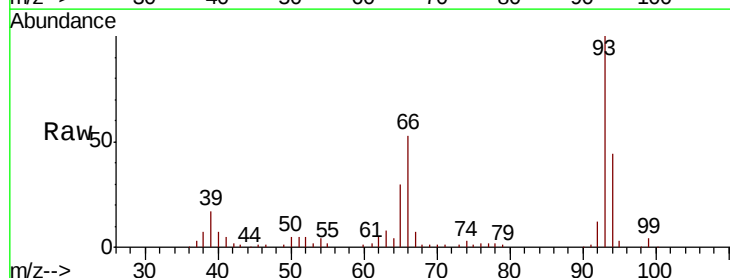
RT: 6.49 min Scan# 748

Delta R.T. 0.00 min

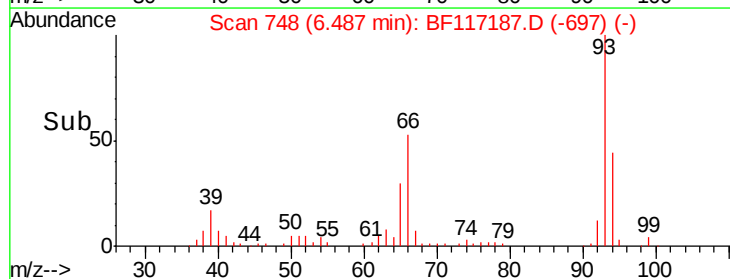
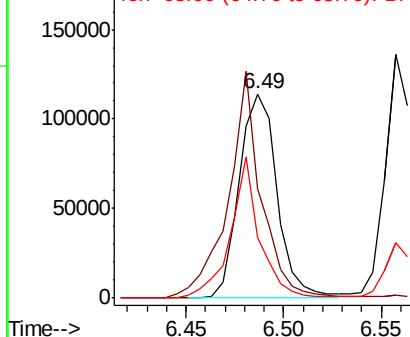
Lab File: BF117187.D

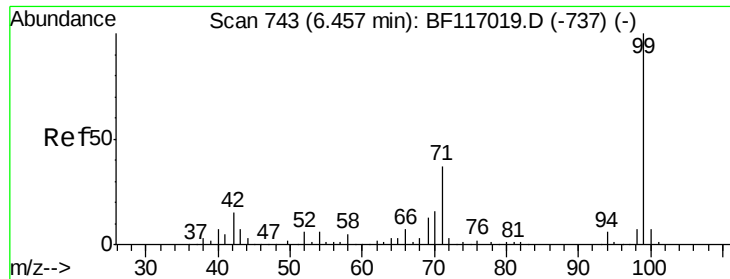
Acq: 20 Sep 2019 16:04

Tgt Ion:	93	Resp:	153707
Ion Ratio	Lower	Upper	
93	100		
66	53.3	32.6	49.0#
65	29.6	16.7	25.1#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 88.371 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

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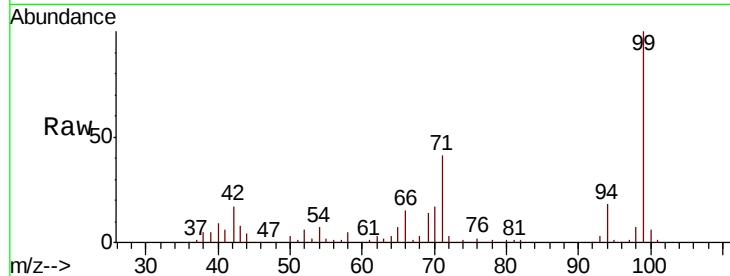
ClientSampleId :

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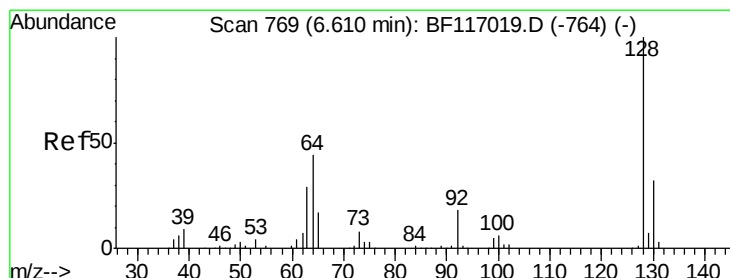
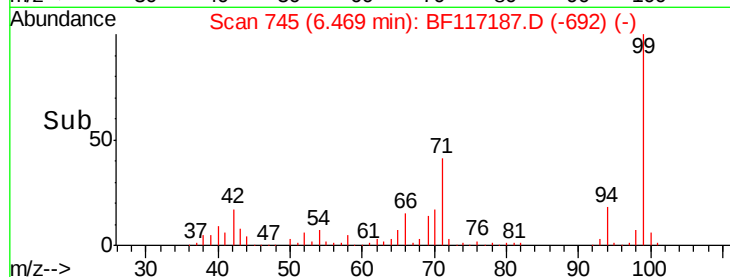
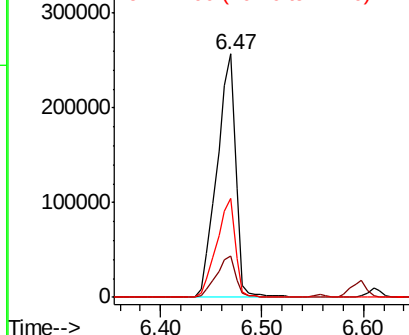
Tot Ion:	99	Resp:	331164
Ion Ratio	Lower	Upper	
99	100		
42	16.9	12.2	18.2
71	40.6	29.8	44.8

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



#8

2-Chlorophenol

Concen: 42.943 ng

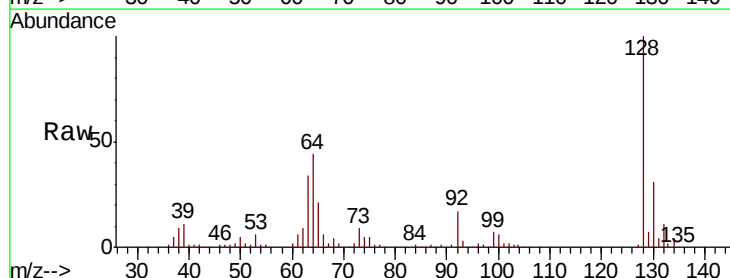
RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

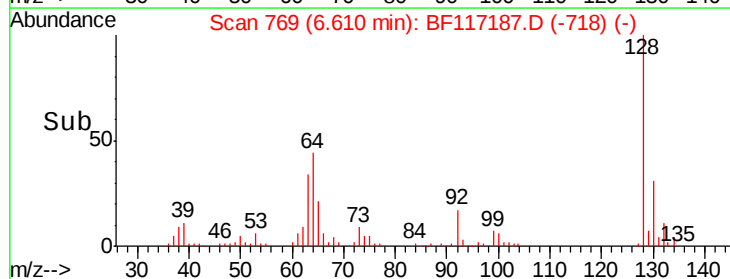
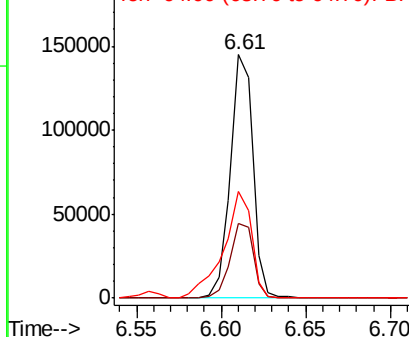
Lab File: BF117187.D

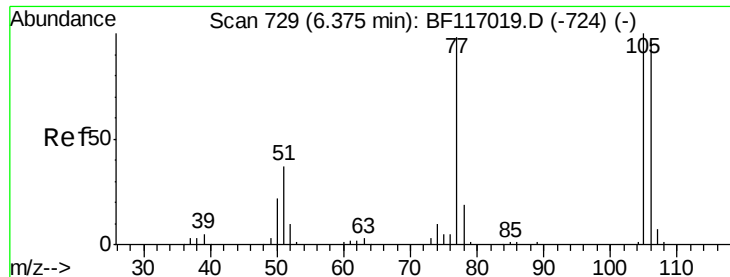
Acq: 20 Sep 2019 16:04

Tgt Ion:	128	Resp:	134333
Ion Ratio	Lower	Upper	
128	100		
130	30.6	11.8	51.8
64	43.9	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: 55.267 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

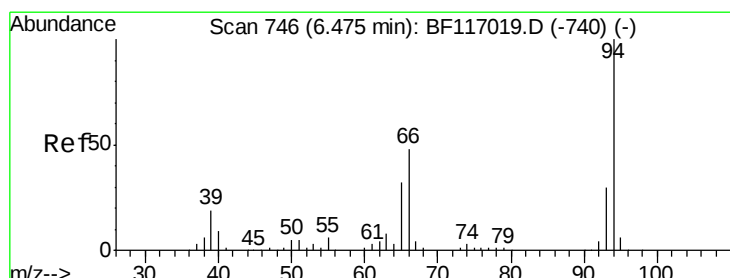
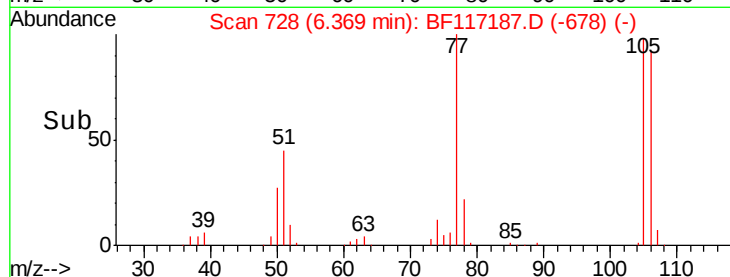
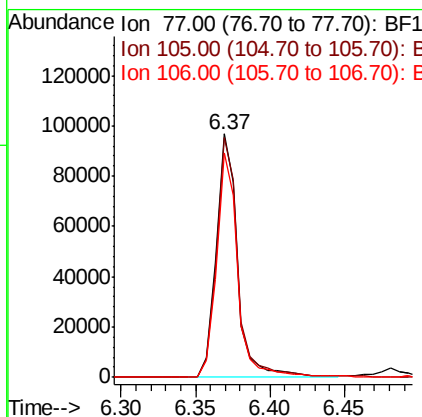
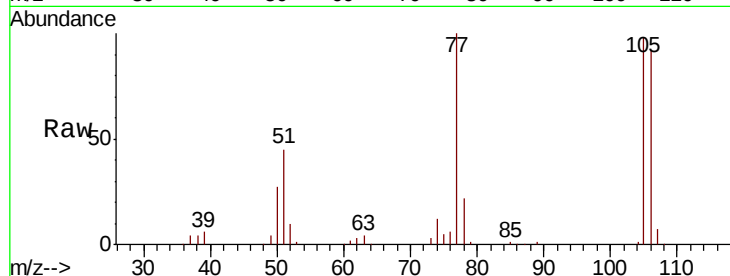
ClientSampleId :

PB123244BSD

Tot Ion:	77	Resp:	96739
Ion	Ratio	Lower	Upper
77	100		
105	98.5	81.8	121.8
106	92.1	77.3	117.3

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#10

Phenol

Concen: 41.315 ng

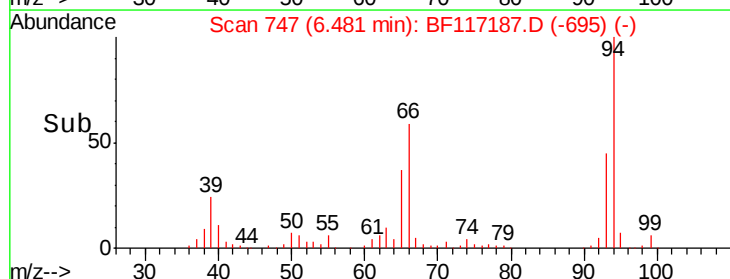
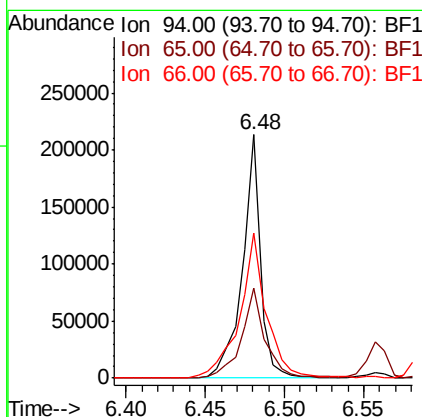
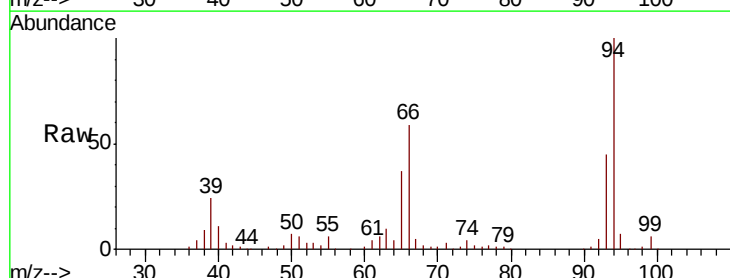
RT: 6.48 min Scan# 747

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Tgt Ion:	94	Resp:	170681
Ion	Ratio	Lower	Upper
94	100		
65	37.0	12.5	52.5
66	59.4	28.9	68.9





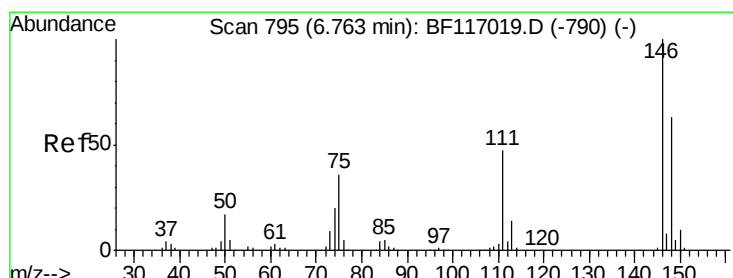
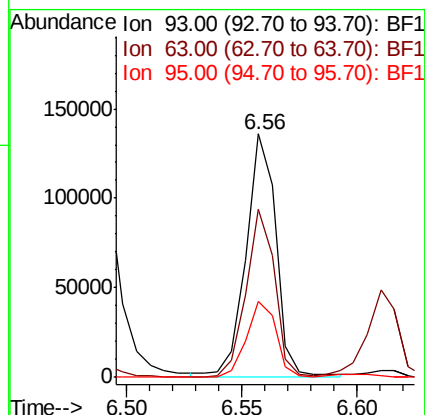
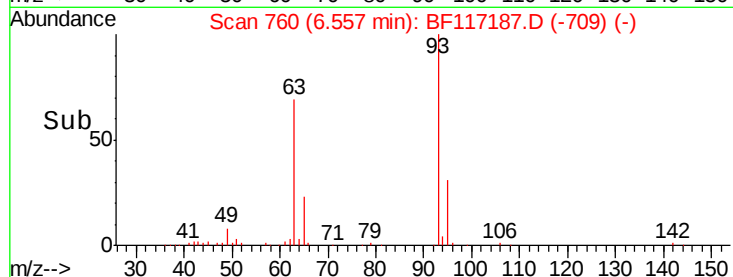
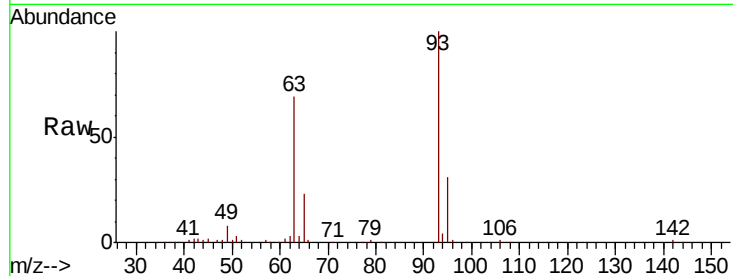
#11
bis(2-Chloroethyl)ether
Concen: 41.000 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion:	93	Resp:	124487
Ion Ratio	Lower	Upper	
93	100		
63	69.1	49.3	89.3
95	31.2	11.5	51.5

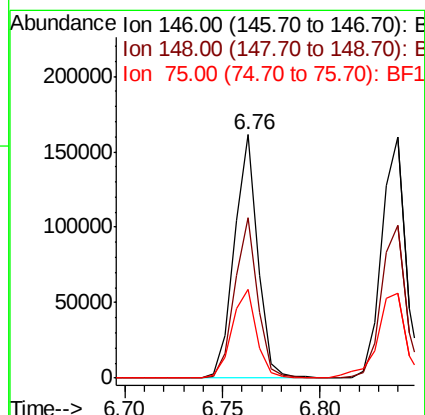
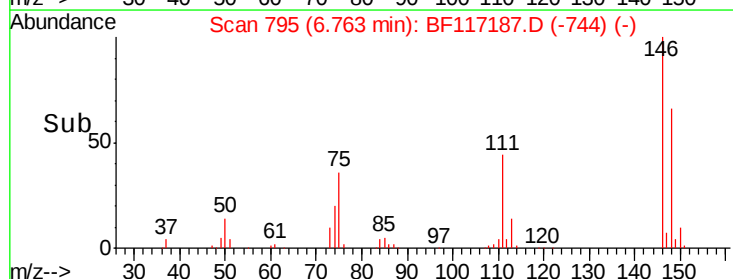
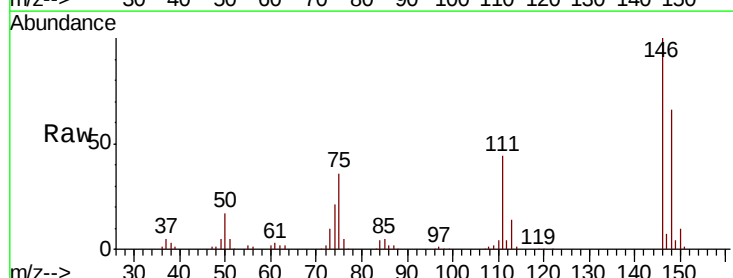
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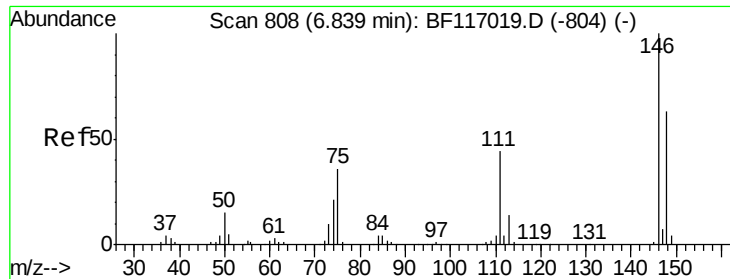
mohammad
9/24/2019 9:12:32 AM



#12
1,3-Dichlorobenzene
Concen: 38.391 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion:	146	Resp:	134760
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.8	76.2
75	36.3	28.7	43.1





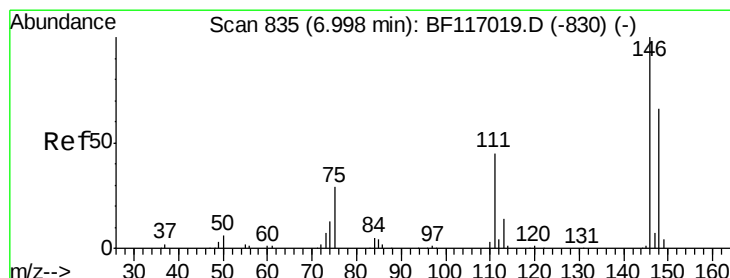
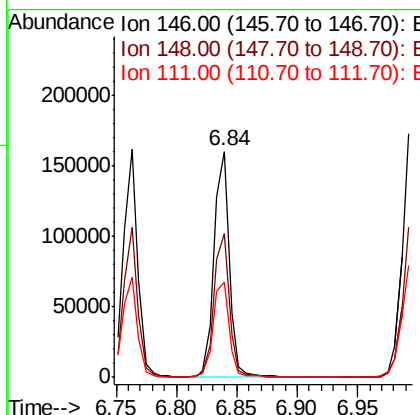
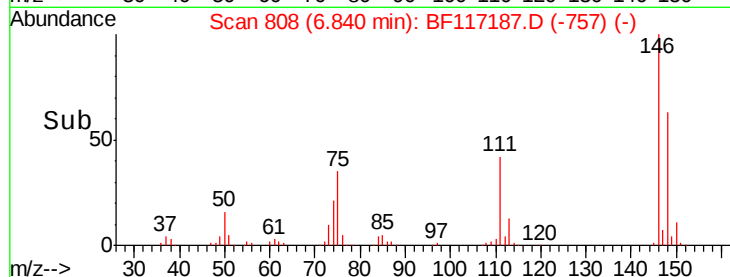
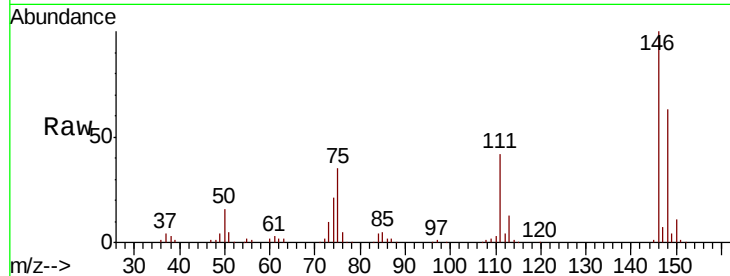
#13
 1,4-Dichlorobenzene
 Concen: 39.017 ng
 RT: 6.84 min Scan# 808
 Delta R.T. 0.00 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.6	76.0
111	41.9	35.0	52.6

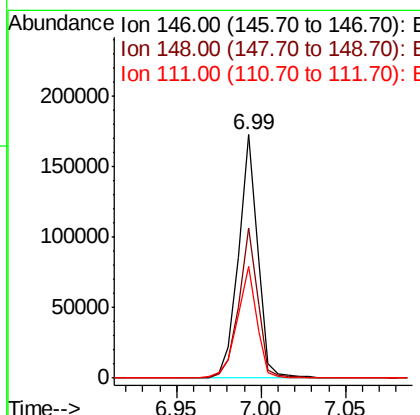
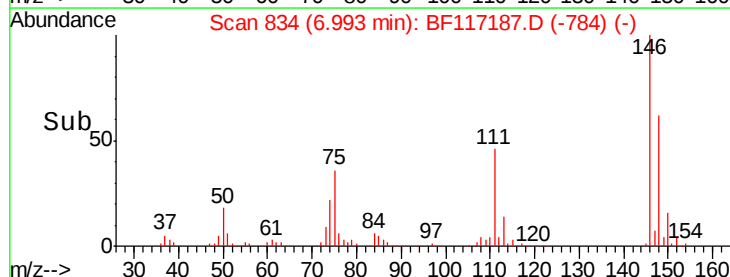
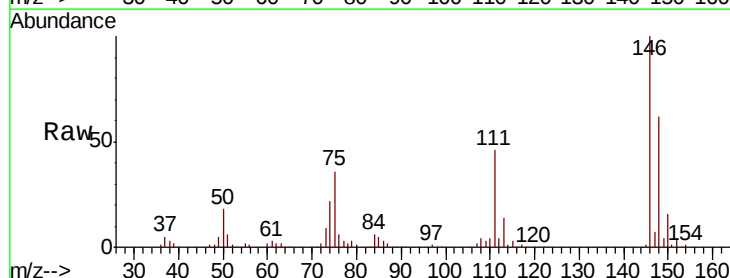
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#14
 1,2-Dichlorobenzene
 Concen: 40.653 ng
 RT: 6.99 min Scan# 834
 Delta R.T. -0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.5	52.6	78.8
111	45.7	36.2	54.2





#15

Benzyl Alcohol

Concen: 44.926 ng

RT: 6.97 min Scan# 830

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

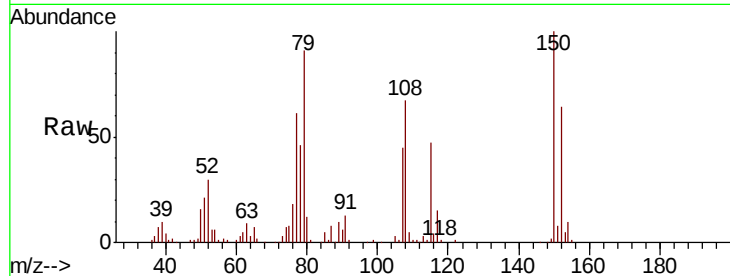
ClientSampled :

PB123244BSD

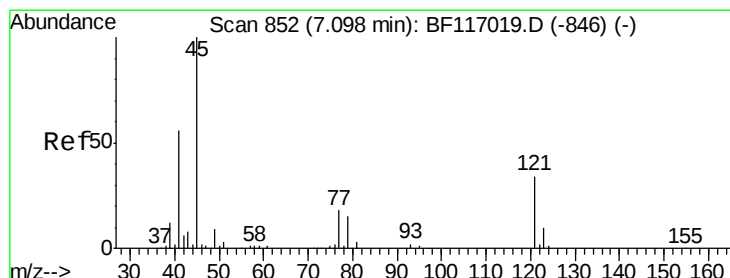
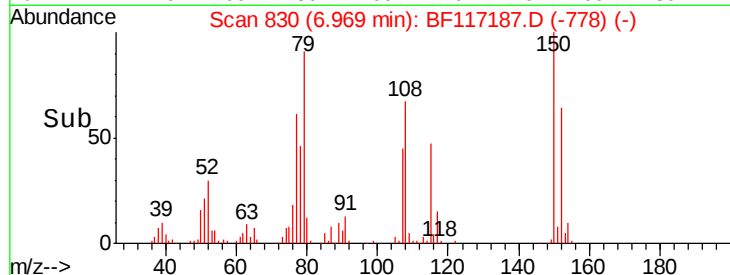
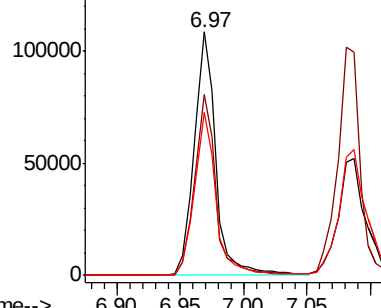
Tot Ion:	79	Resp:	129105
Ion Ratio	Lower	Upper	
79	100		
108	74.2	59.4	89.0
77	67.2	50.2	75.2

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Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.968 ng

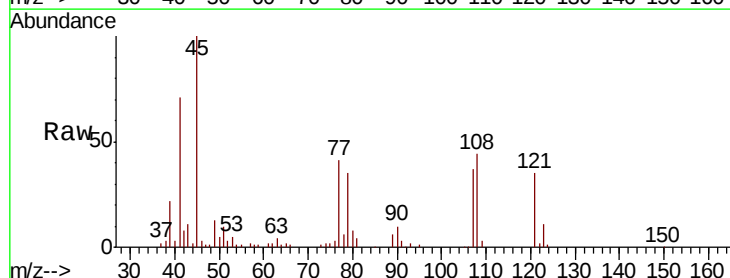
RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

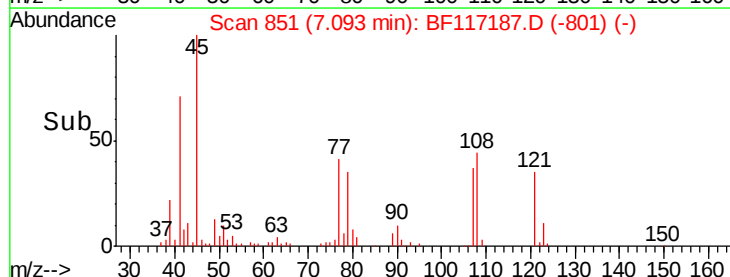
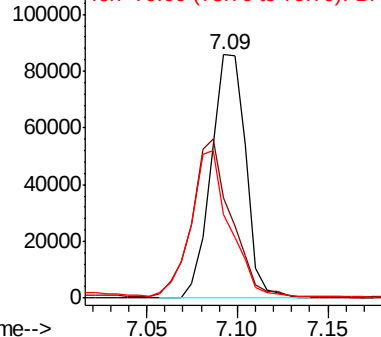
Lab File: BF117187.D

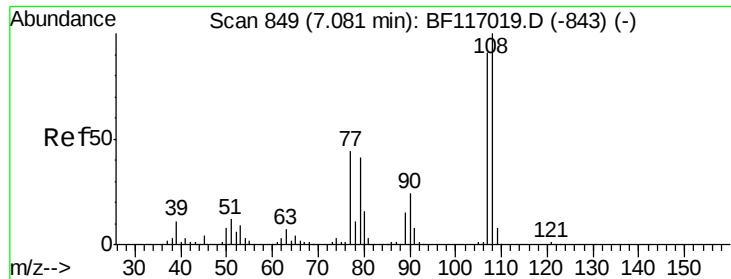
Acq: 20 Sep 2019 16:04

Tgt Ion:	45	Resp:	113895
Ion Ratio	Lower	Upper	
45	100		
77	41.0	2.7	42.7
79	34.5	0.0	38.9



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





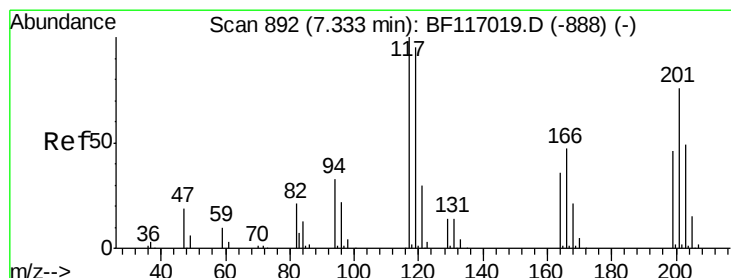
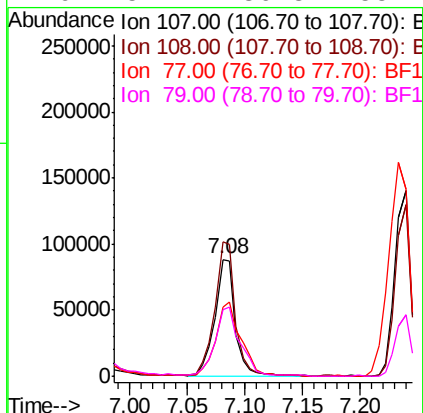
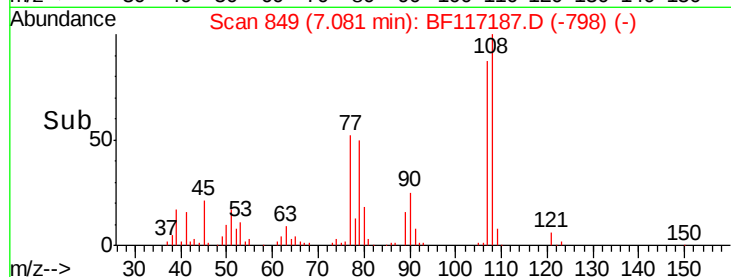
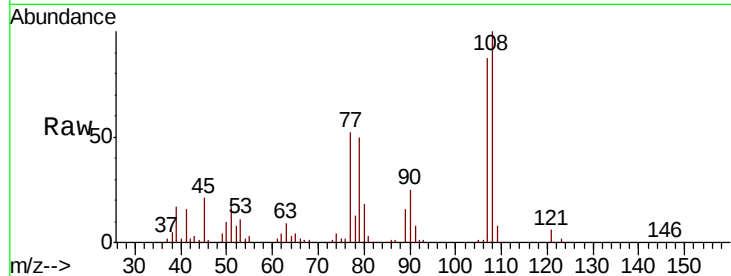
#17
2-Methylphenol
Concen: 42.260 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleID :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	115.0	87.7	131.5	
77	59.5	38.6	58.0	
79	57.2	36.8	55.2	

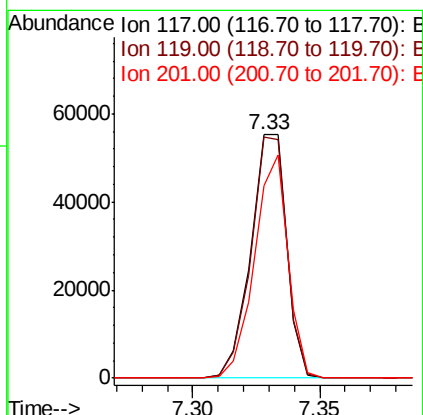
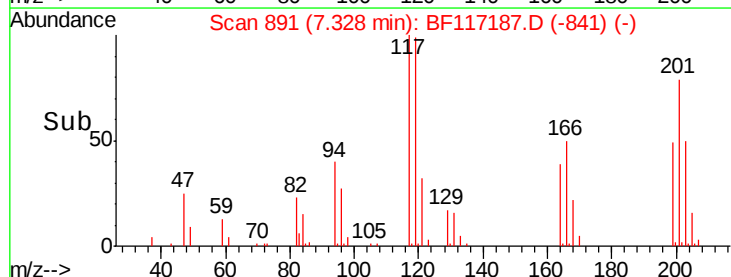
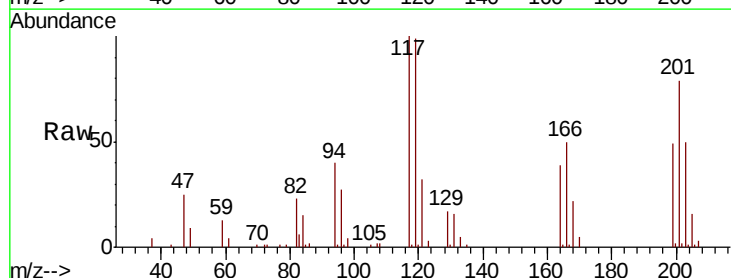
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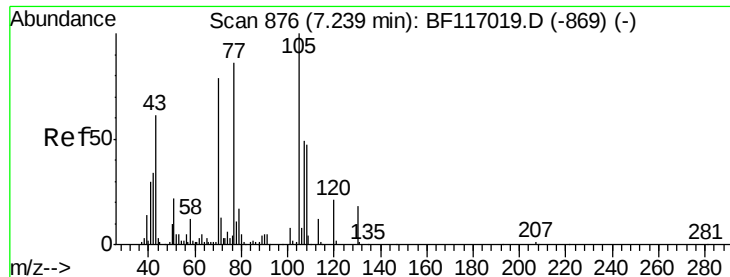
mohammad
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#18
Hexachloroethane
Concen: 39.777 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.8	75.8	113.8	
201	79.0	60.9	91.3	





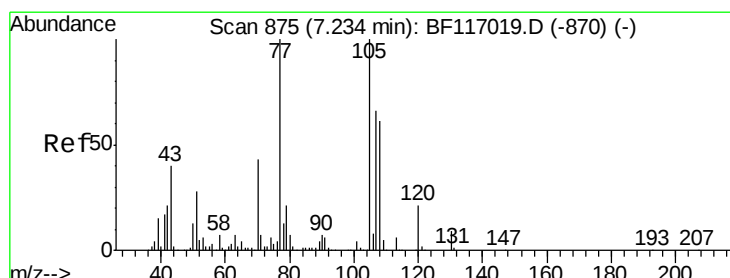
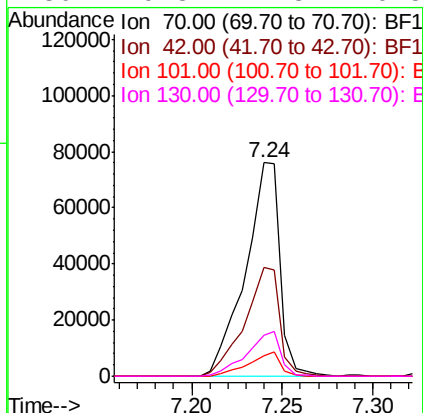
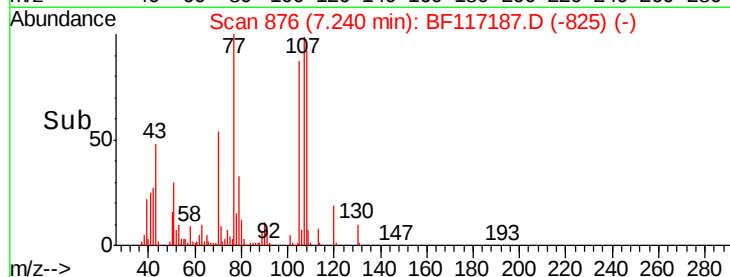
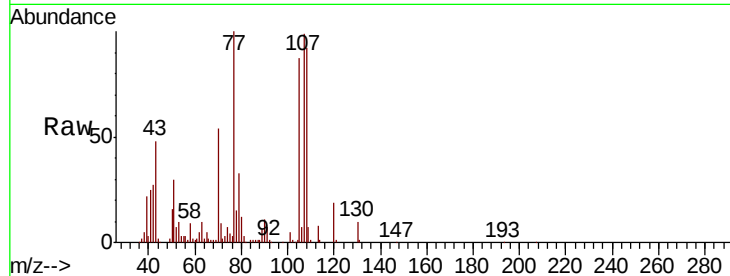
#19
n-Nitroso-di-n-propylamine
Concen: 44.211 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	50.7	34.0	51.0
101	9.9	7.8	11.6
130	19.3	17.8	26.8

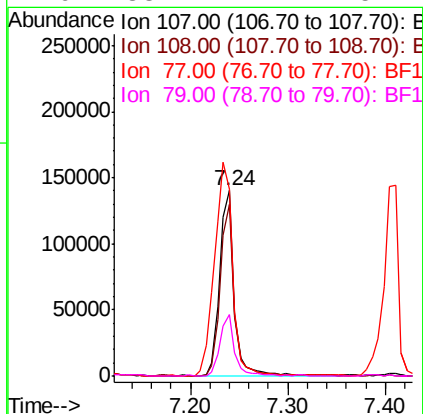
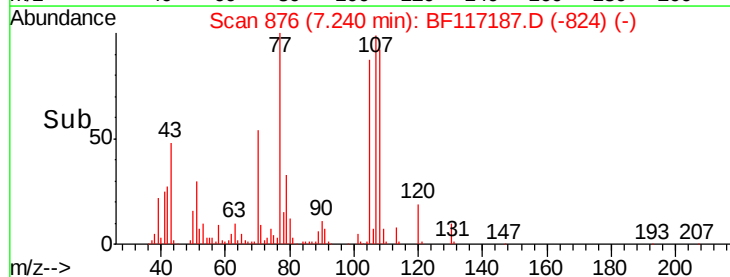
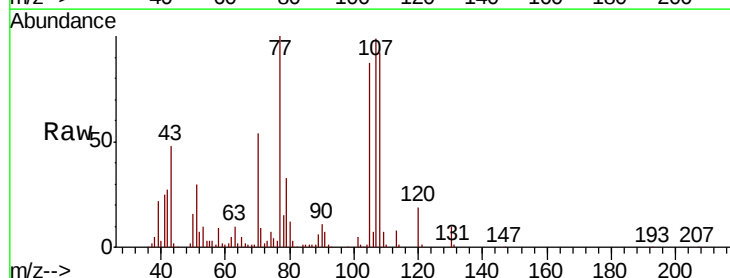
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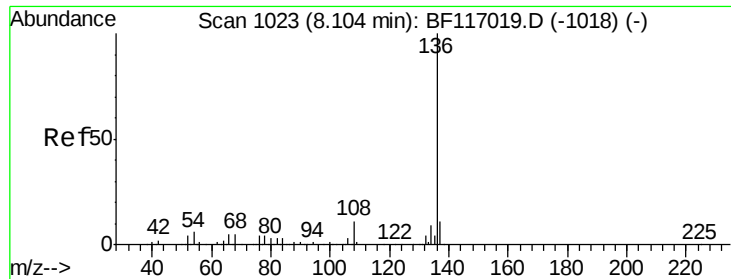
mohammad
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#20
3+4-Methylphenols
Concen: 43.999 ng
RT: 7.24 min Scan# 876
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.9	72.6	112.6
77	101.0	132.1	172.1#
79	33.2	12.1	52.1





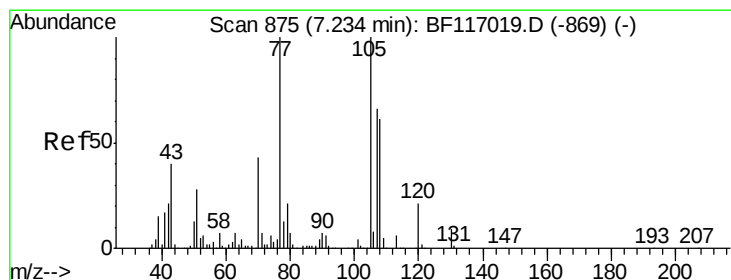
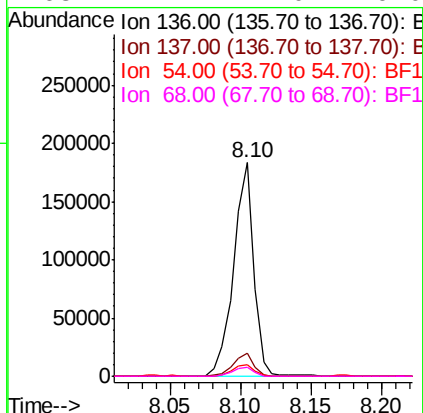
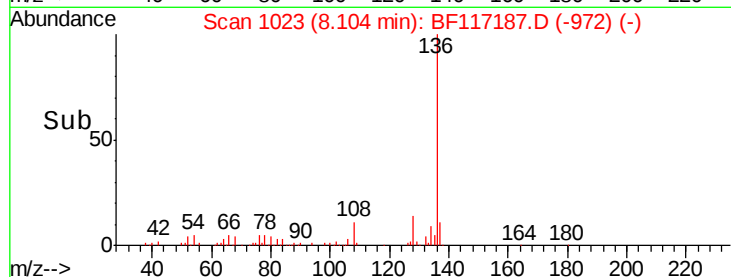
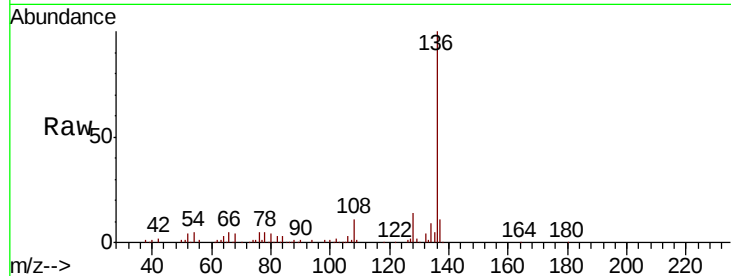
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	183704		
137	10.9		9.0	13.4
54	5.2		4.5	6.7
68	4.2		4.0	6.0

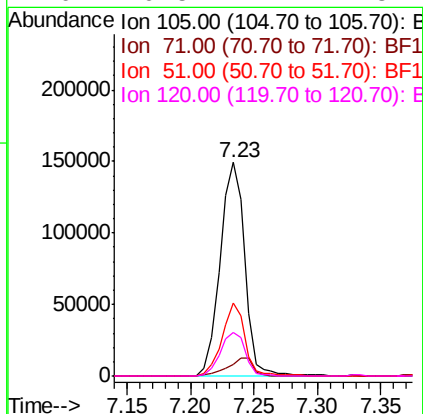
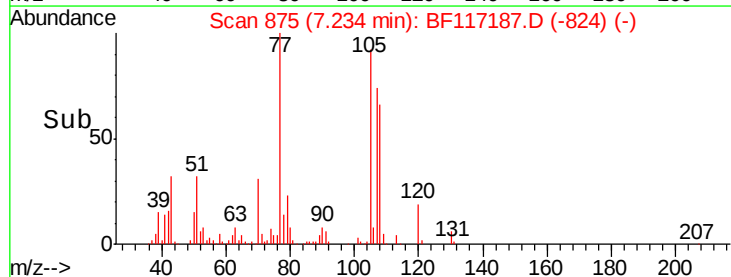
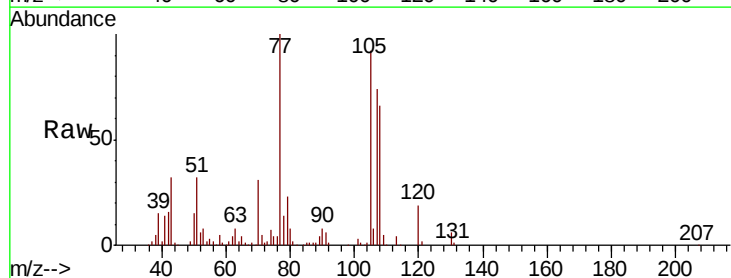
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#22
Acetophenone
Concen: 43.166 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	201472		
71	5.6		5.7	8.5#
51	34.3		22.1	33.1#
120	20.5		17.1	25.7





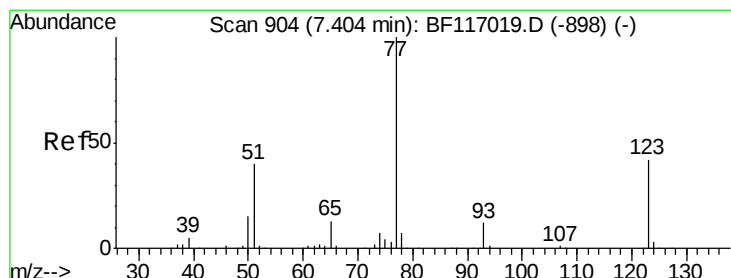
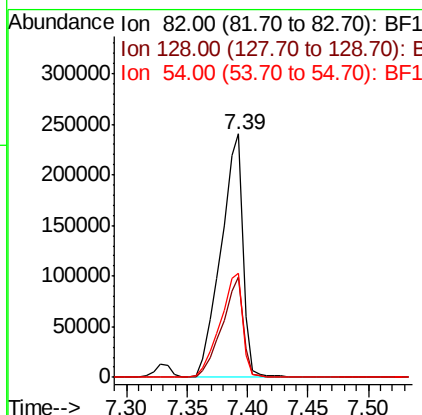
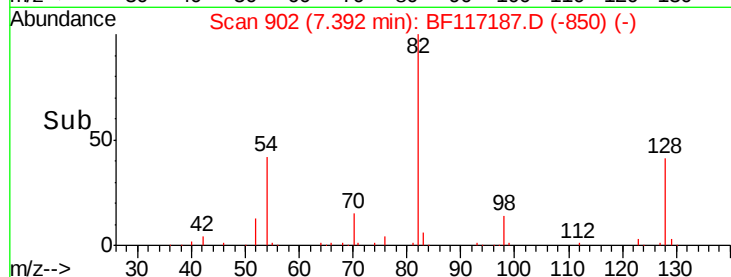
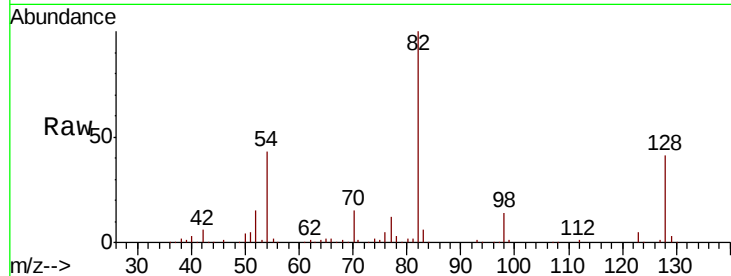
#23
 Nitrobenzene-d5
 Concen: 86.978 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	304101		
128	41.3	32.3	48.5	
54	42.6	33.3	49.9	

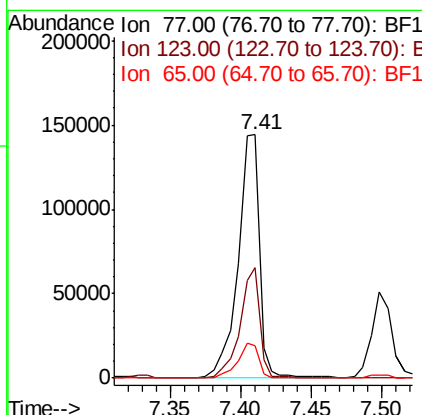
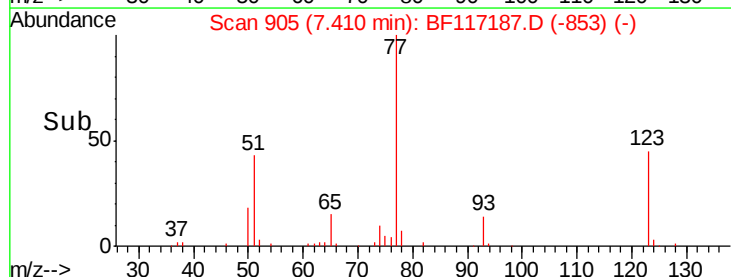
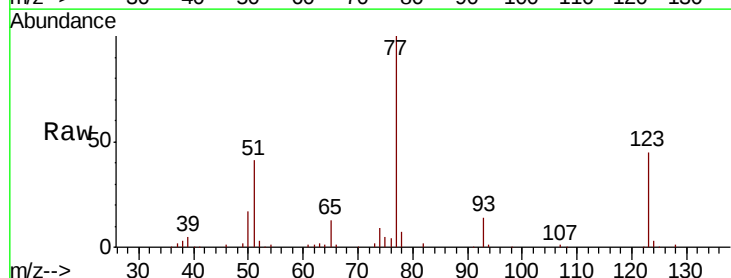
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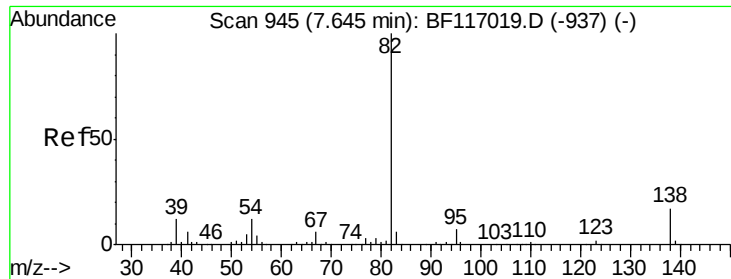
mohammad
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#24
 Nitrobenzene
 Concen: 43.750 ng
 RT: 7.41 min Scan# 905
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	151056		
123	45.3	33.5	50.3	
65	13.1	10.5	15.7	





#25

Isophorone

Concen: 43.994 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

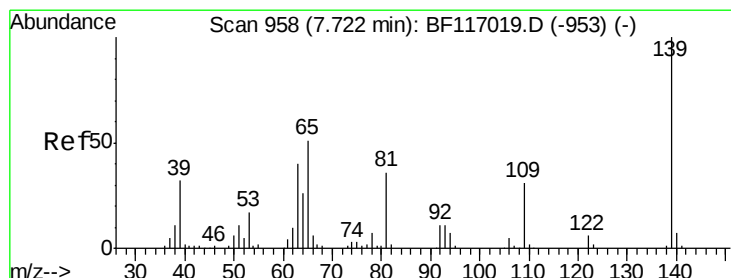
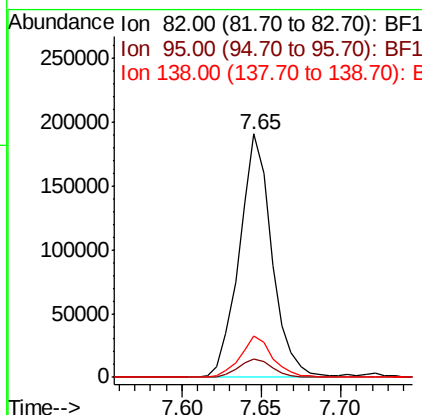
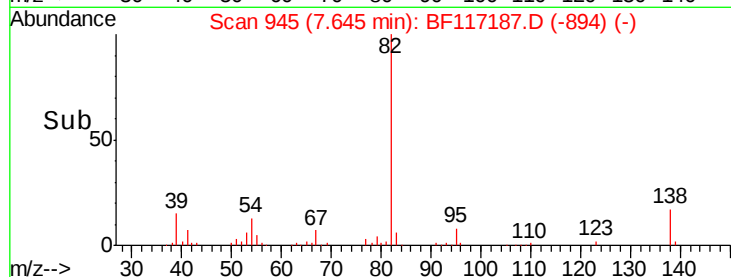
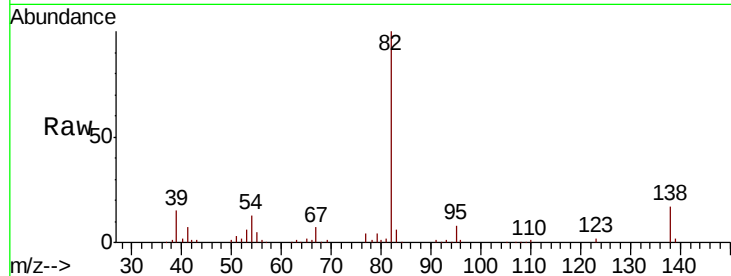
ClientSampleId :

PB123244BSD

Tot Ion:	82	Resp:	272344
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.8	8.6
138	16.8	13.5	20.3

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#26

2-Nitrophenol

Concen: 46.171 ng

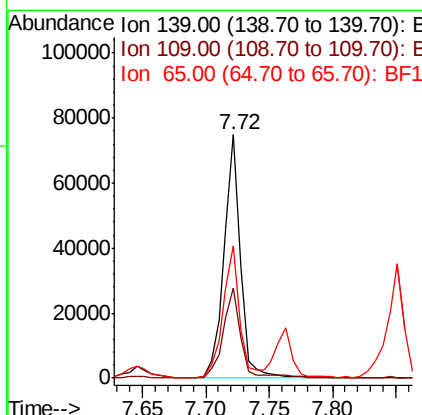
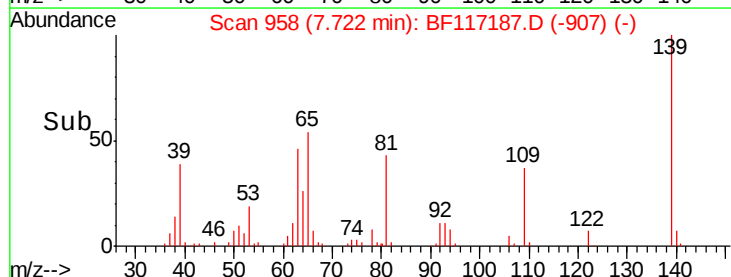
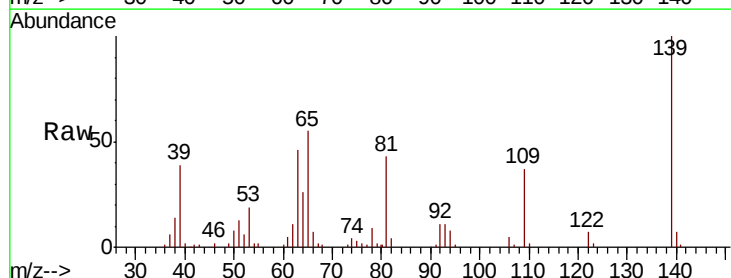
RT: 7.72 min Scan# 958

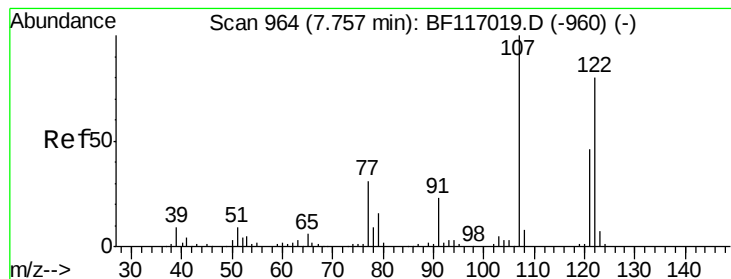
Delta R.T. 0.00 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Tgt Ion:	139	Resp:	68475
Ion Ratio	Lower	Upper	
139	100		
109	37.0	24.6	36.8#
65	54.5	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 50.550 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

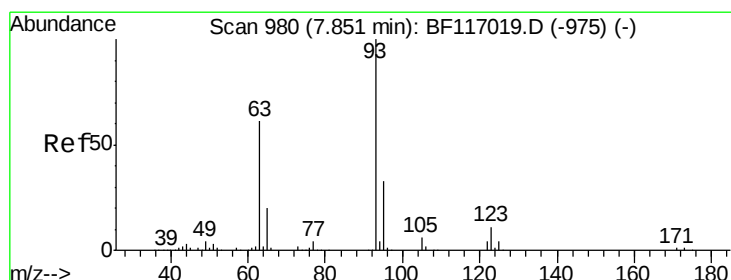
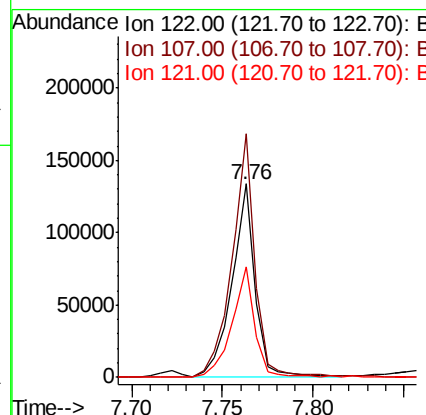
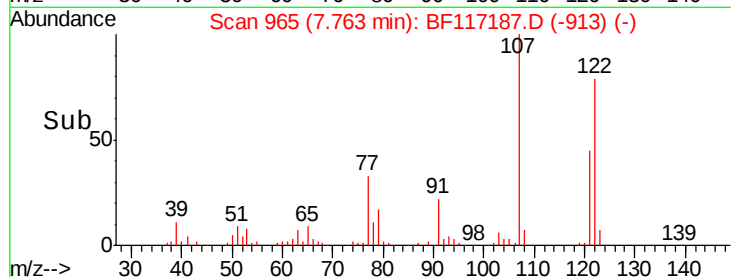
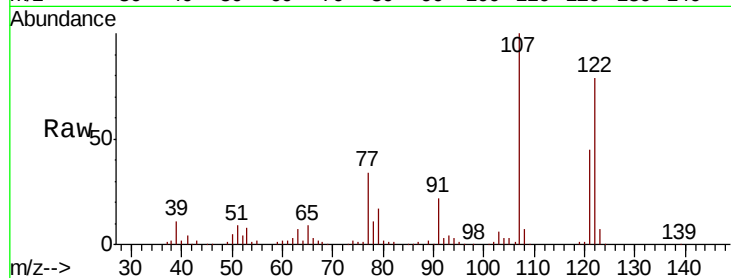
ClientSampleId :

PB123244BSD

Tot Ion:	122	Resp:	118885
Ion Ratio	Lower	Upper	
122	100		
107	126.0	98.9	148.3
121	56.9	45.3	67.9

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#28

bis(2-Chloroethoxy)methane

Concen: 42.302 ng

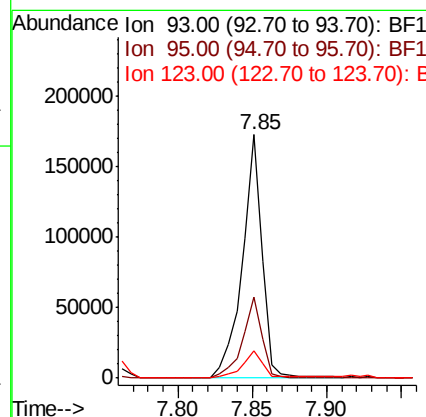
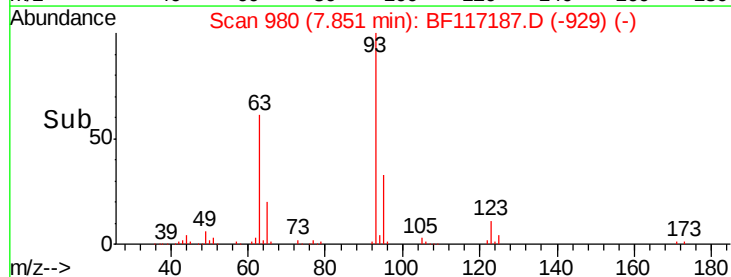
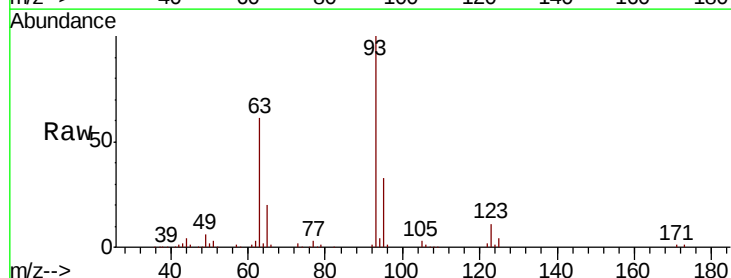
RT: 7.85 min Scan# 980

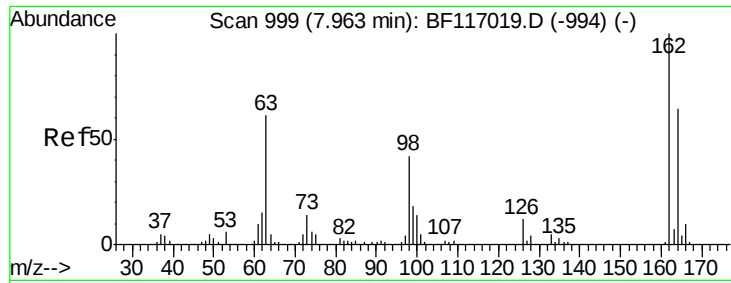
Delta R.T. 0.00 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Tgt Ion:	93	Resp:	161339
Ion Ratio	Lower	Upper	
93	100		
95	33.2	26.2	39.4
123	11.3	9.0	13.6





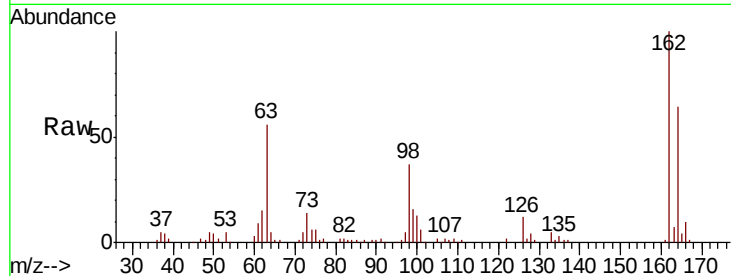
#29
 2,4-Dichlorophenol
 Concen: 45.130 ng
 RT: 7.97 min Scan# 1000
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
162	100		111214		
164	64.2	43.8	83.8		
98	37.1	22.1	62.1		

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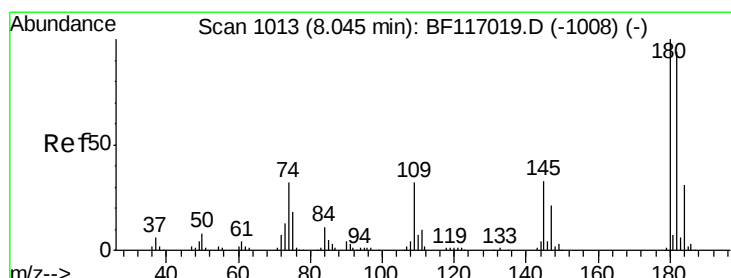
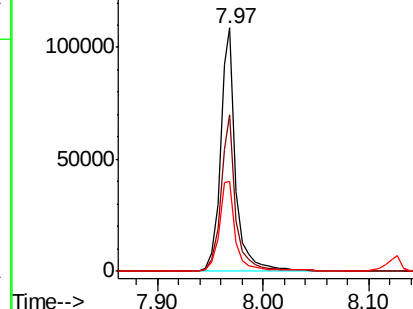
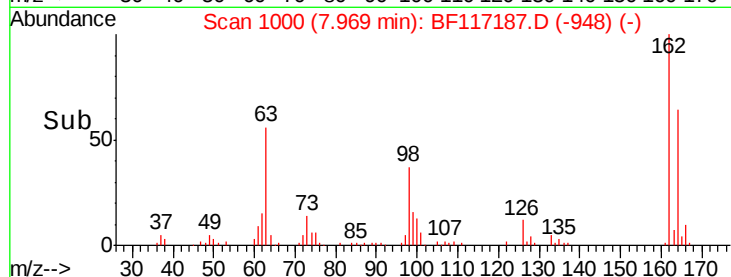


Abundance

Ion 162.00 (161.70 to 162.70): E

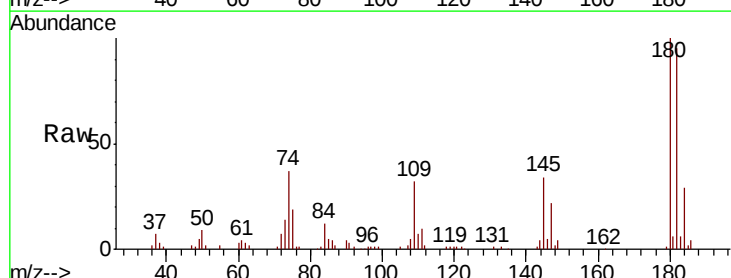
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 41.651 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
180	100		110889		
182	95.5	75.4	113.0		
145	33.8	26.7	40.1		

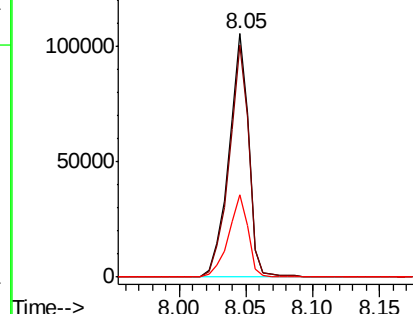
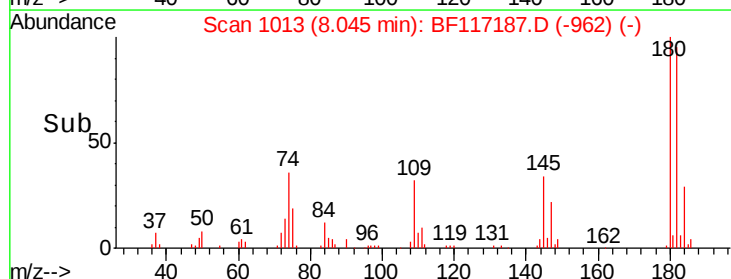


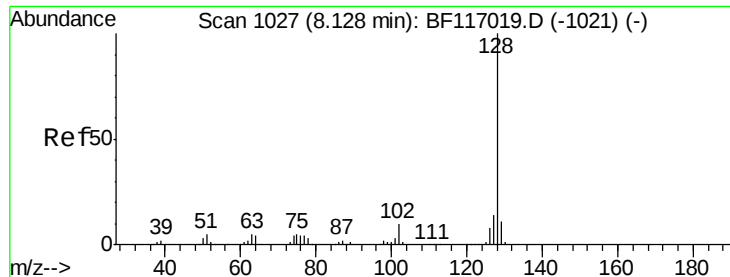
Abundance

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





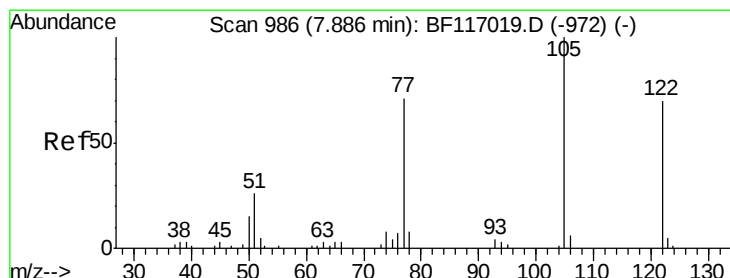
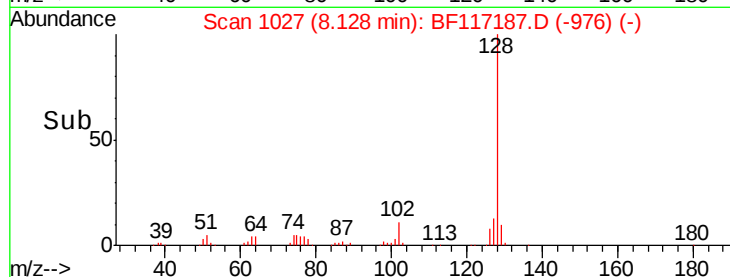
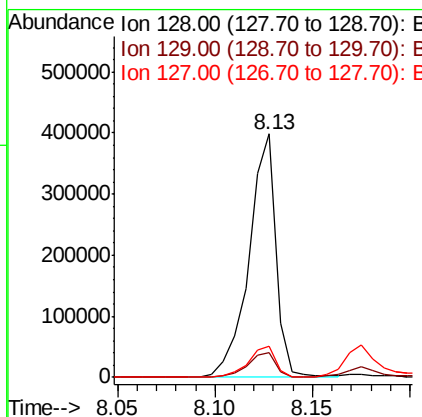
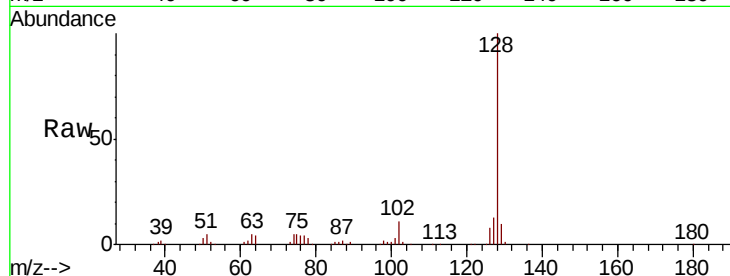
#31
Naphthalene
Concen: 43.417 ng
RT: 8.13 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.0	13.4
127	12.8	10.8	16.2

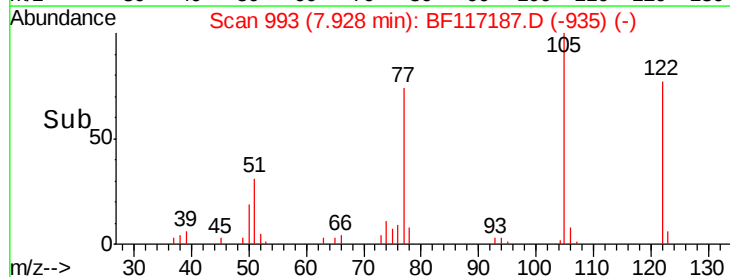
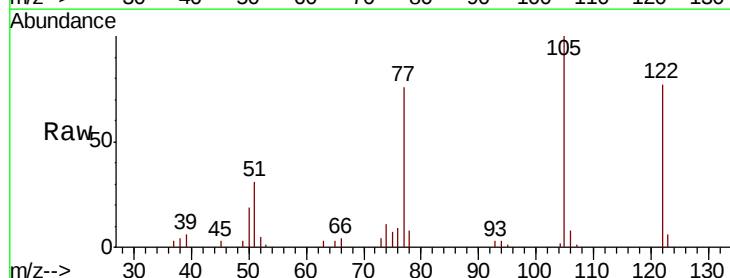
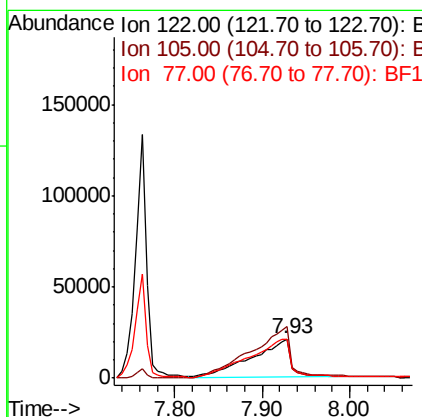
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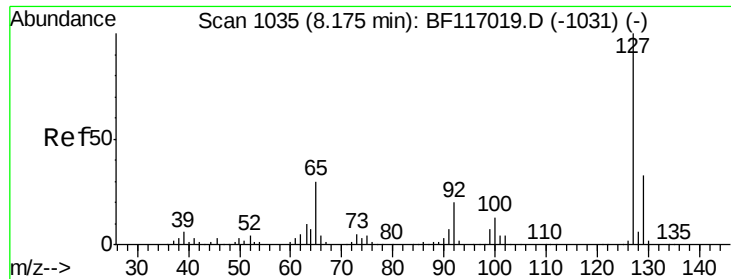
mohammad
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#32
Benzoic acid
Concen: 37.697 ng
RT: 7.93 min Scan# 993
Delta R.T. 0.04 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
122	100		
105	130.5	114.8	154.8
77	98.7	78.7	118.7





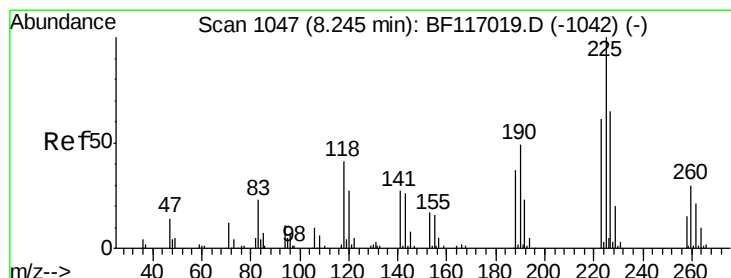
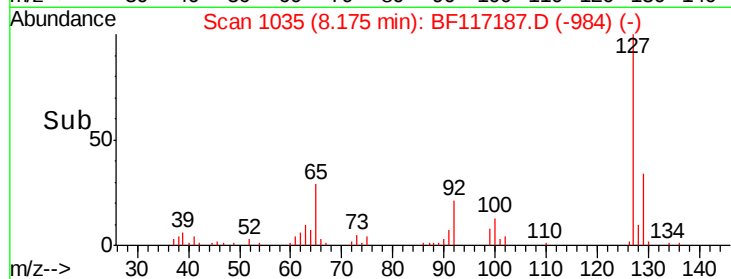
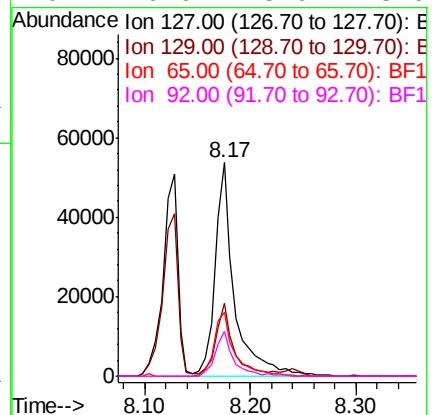
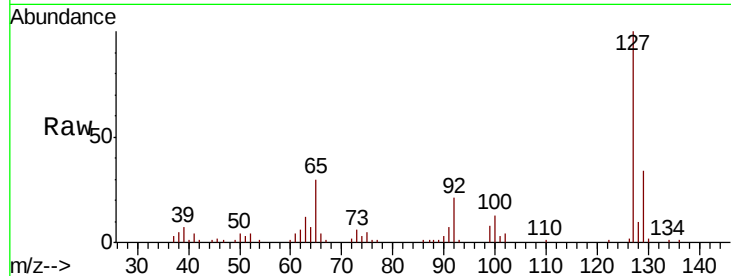
#33
4-Chloroaniline
Concen: 17.734 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		69492		
129	34.1	26.2	39.2		
65	29.9	23.5	35.3		
92	20.9	15.9	23.9		

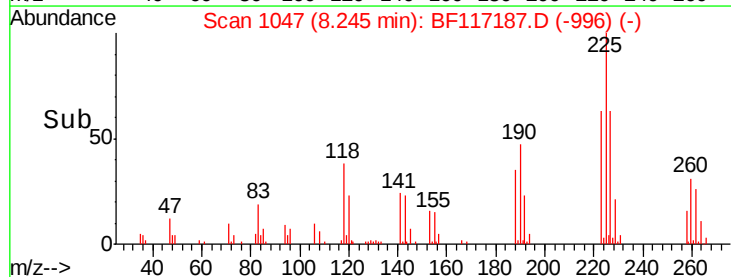
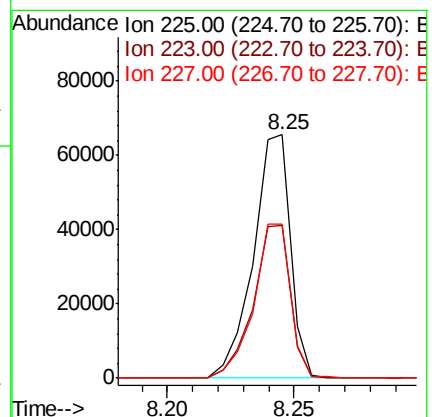
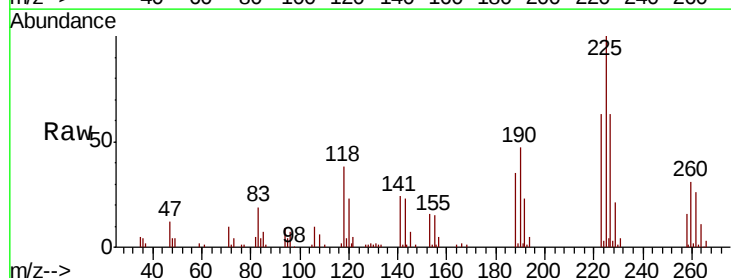
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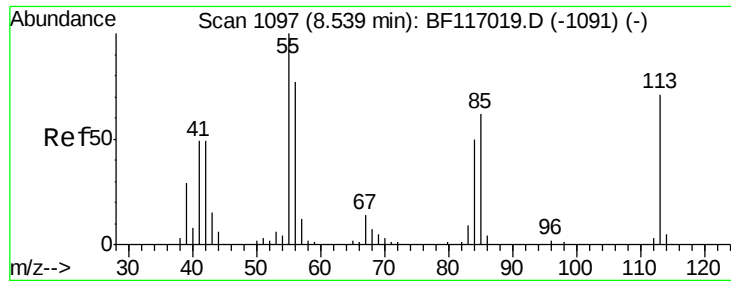
mohammad
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#34
Hexachlorobutadiene
Concen: 44.400 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		67065		
223	62.5	49.1	73.7		
227	63.2	52.2	78.2		





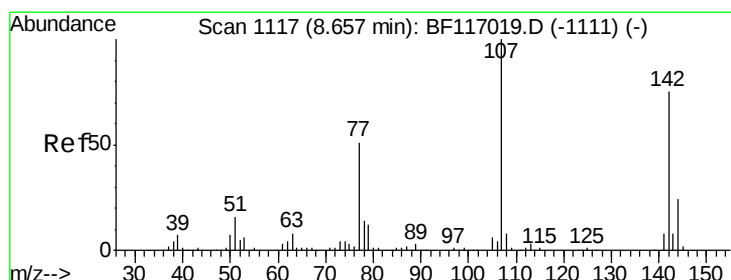
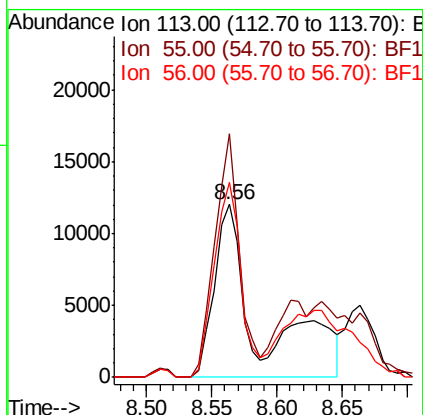
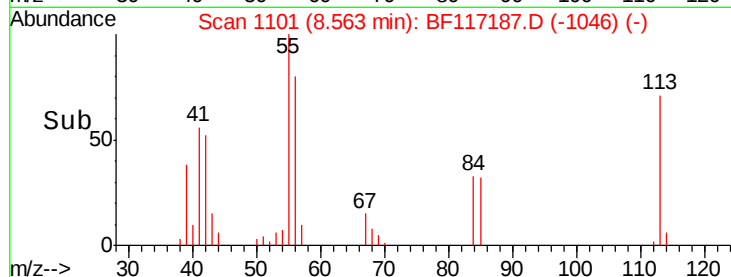
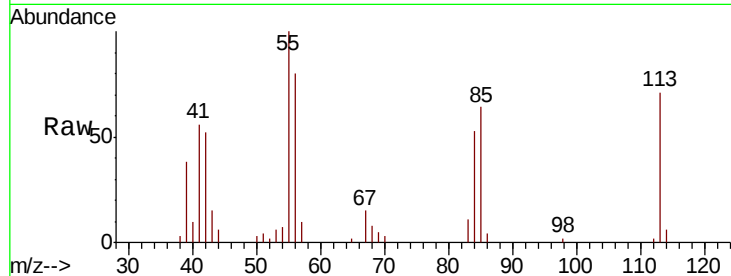
#35
 Caprolactam
 Concen: 34.175 ng/ml
 RT: 8.56 min Scan# 1101
 Delta R.T. 0.02 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	141.0	120.6	160.6
56	112.8	88.8	128.8

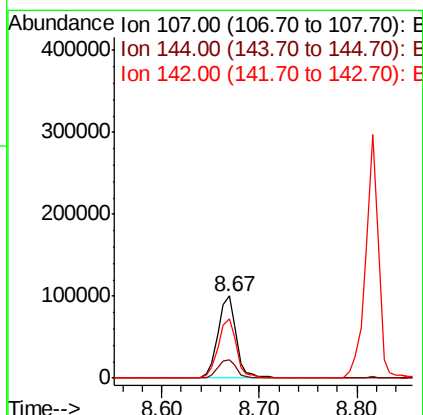
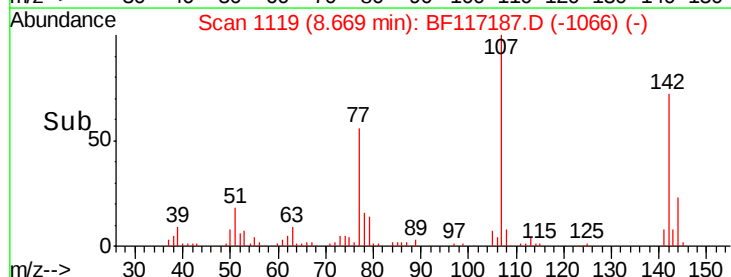
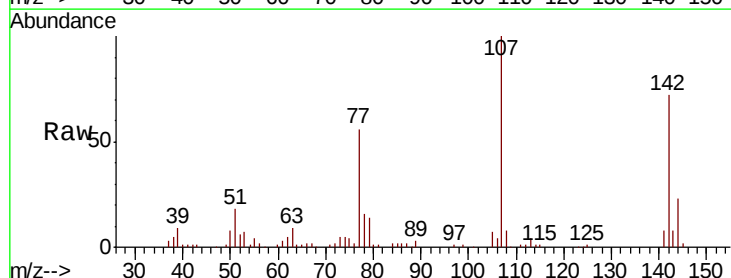
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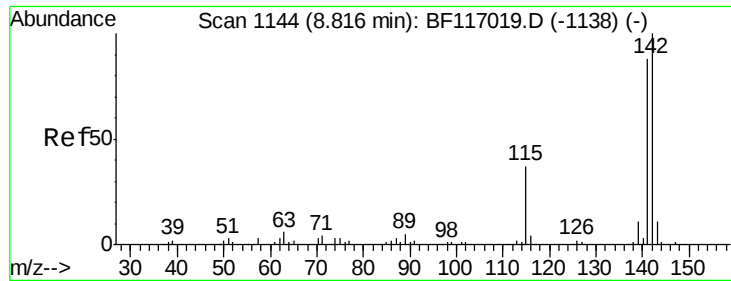
mohammad
 9/24/2019 9:12:32 AM



#36
 4-Chloro-3-methylphenol
 Concen: 45.986 ng/ml
 RT: 8.67 min Scan# 1119
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.7	19.2	28.8
142	72.0	59.6	89.4





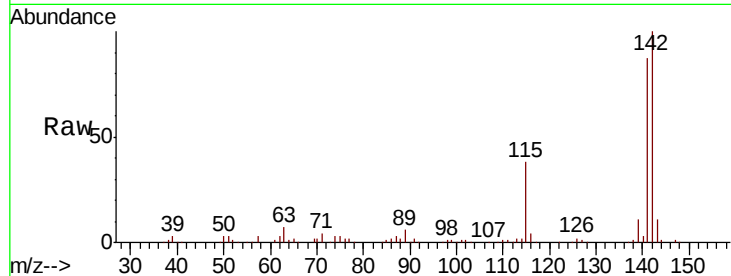
#37
2-Methylnaphthalene
Concen: 45.777 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

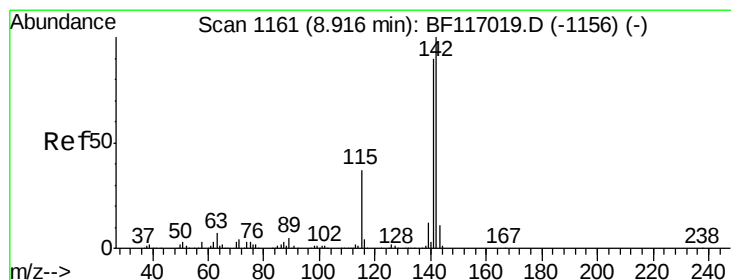
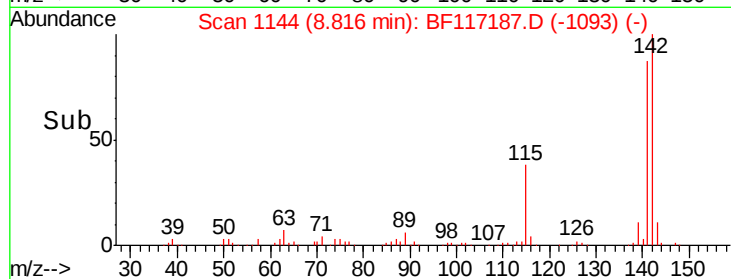
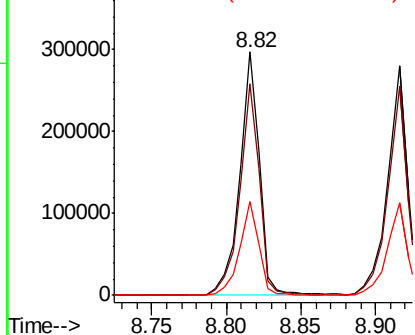
Tot Ion	Ratio	Lower	Upper
142	100		
141	86.9	70.7	106.1
115	38.4	29.4	44.0

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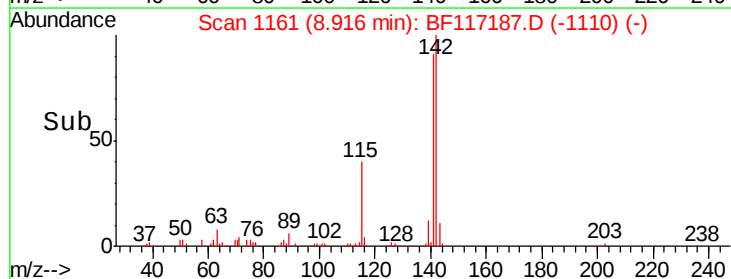
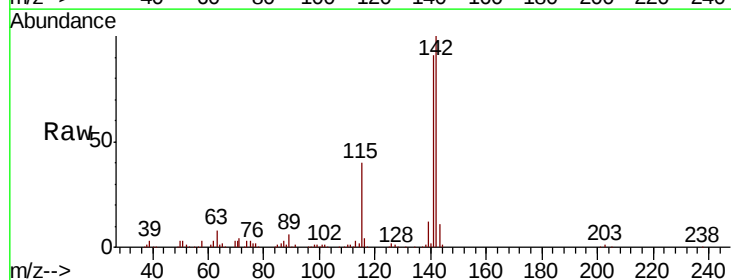
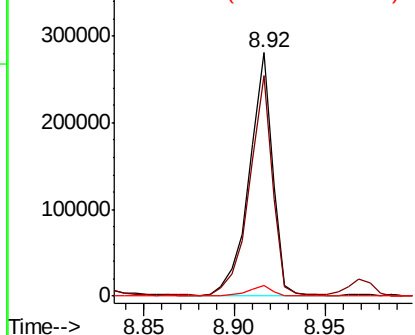
Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

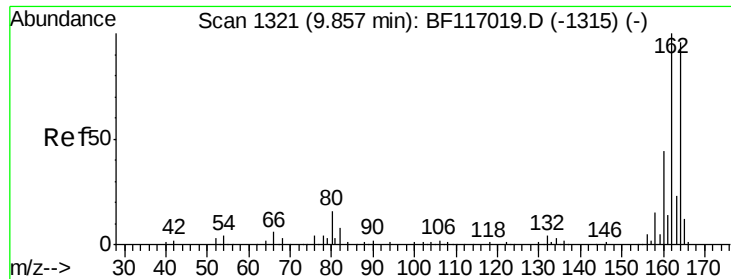


#38
1-Methylnaphthalene
Concen: 44.874 ng
RT: 8.92 min Scan# 1161
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9
116	4.3	3.2	4.8

Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





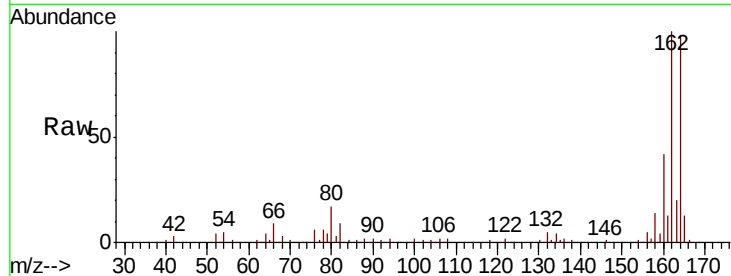
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.86 min Scan# 1321
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampled :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.4	125.2
160	42.8	36.4	54.6

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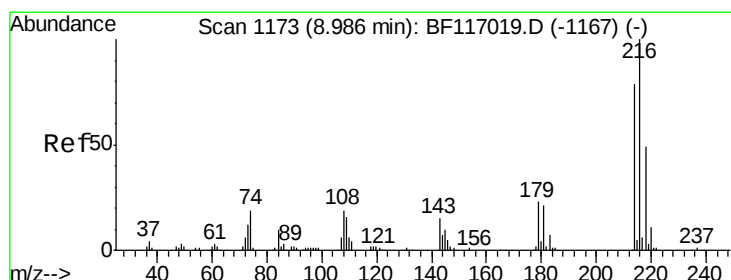
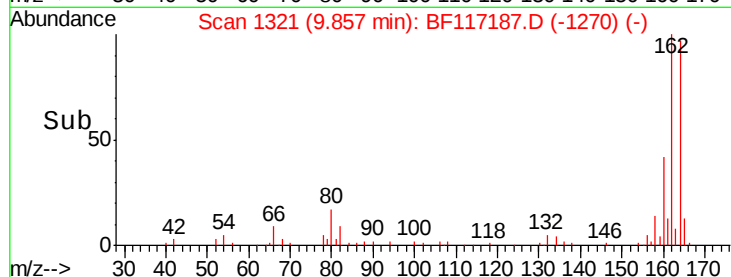
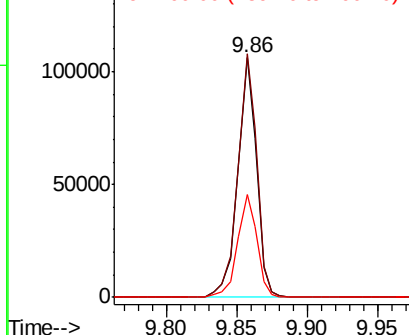


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.649 ng
RT: 8.99 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.6	95.4
179	23.1	18.3	27.5
108	26.8	17.8	26.6#

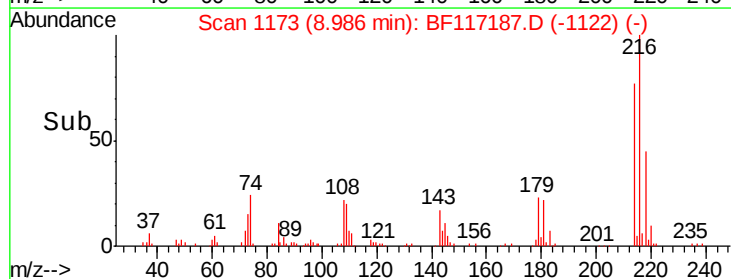
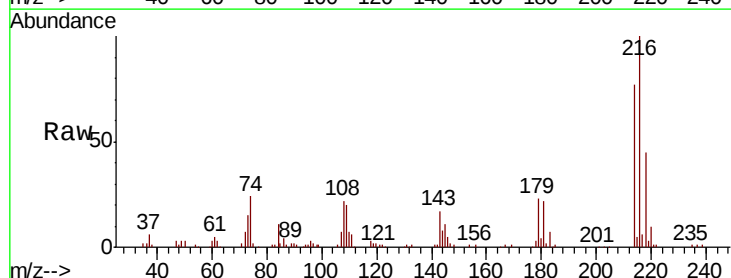
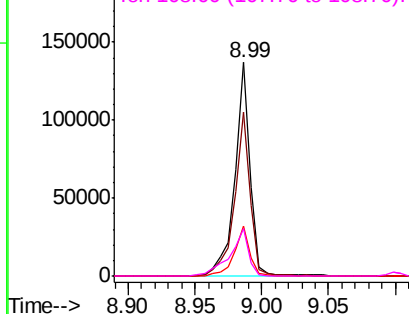
Abundance

Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





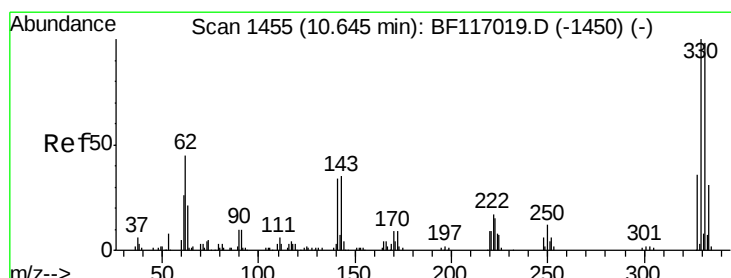
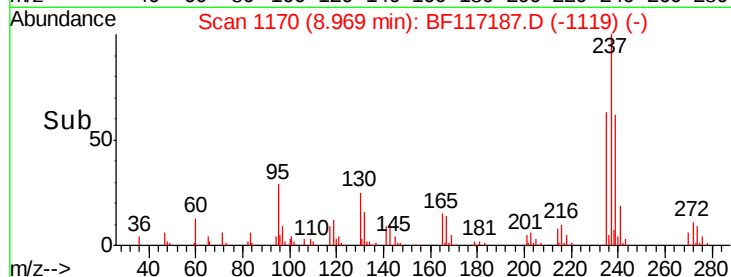
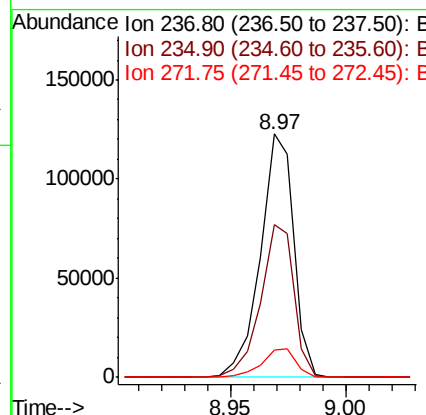
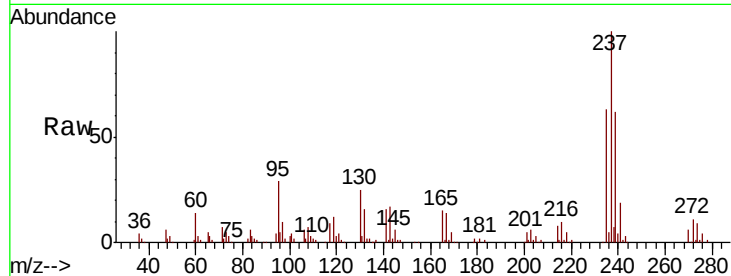
#41
Hexachlorocyclopentadiene
Concen: 107.206 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
237	100				
235	63.0		43.2	83.2	
272	11.2		0.0	31.9	

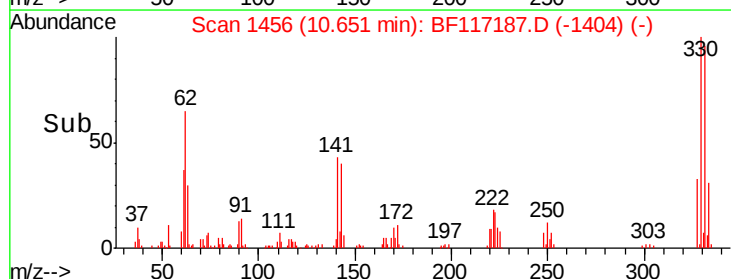
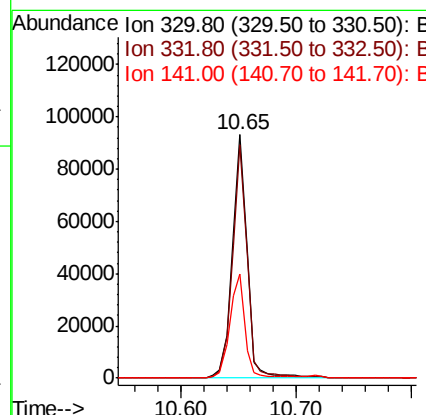
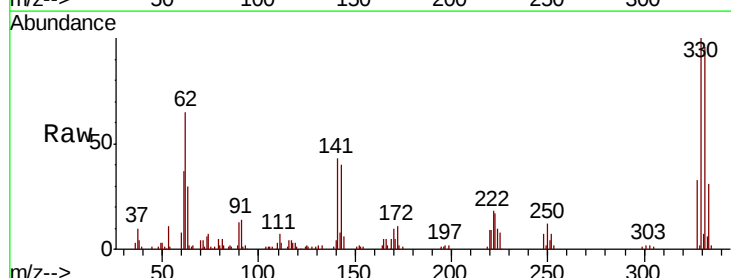
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#42
2,4,6-Tribromophenol
Concen: 101.048 ng
RT: 10.65 min Scan# 1456
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
330	100				
332	95.2		78.0	117.0	
141	44.8		35.8	53.6	





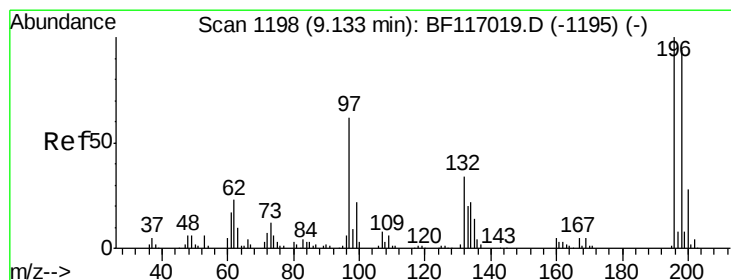
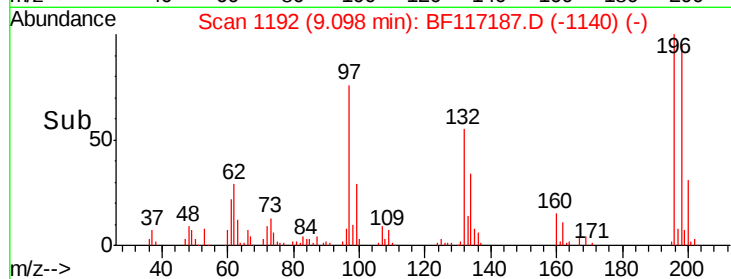
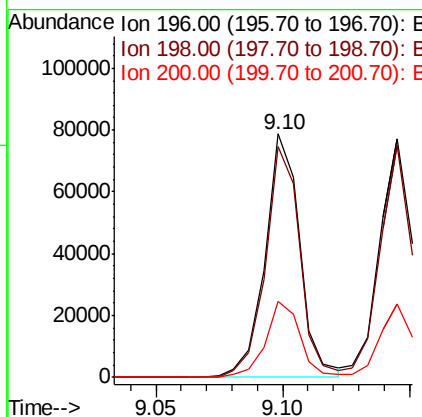
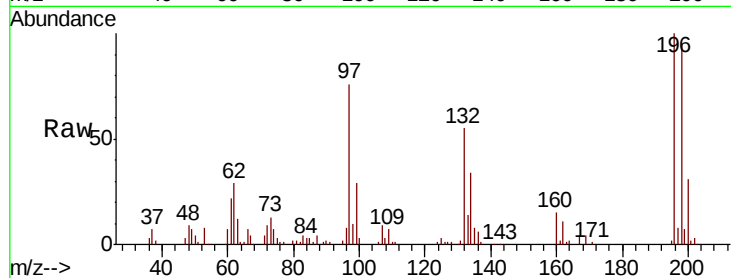
#43
 2,4,6-Trichlorophenol
 Concen: 43.517 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion:	196	Resp:	74920
Ion	Ratio	Lower	Upper
196	100		
198	94.9	75.7	113.5
200	31.1	23.3	34.9

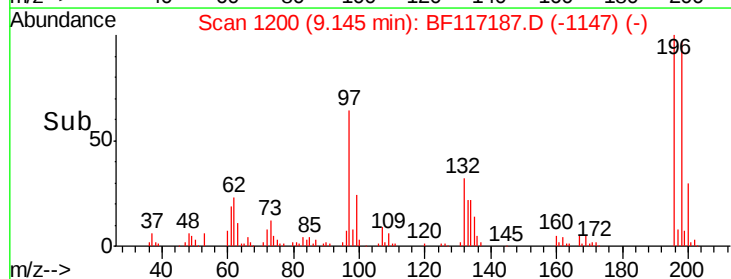
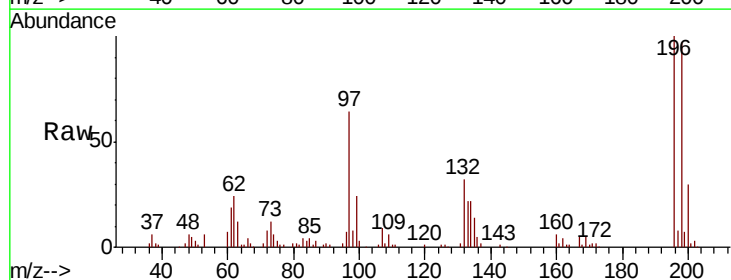
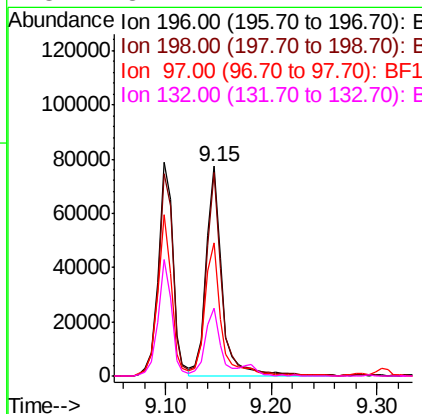
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#44
 2,4,5-Trichlorophenol
 Concen: 44.432 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion:	196	Resp:	81728
Ion	Ratio	Lower	Upper
196	100		
198	97.0	74.6	112.0
97	63.8	49.5	74.3
132	32.4	27.4	41.2





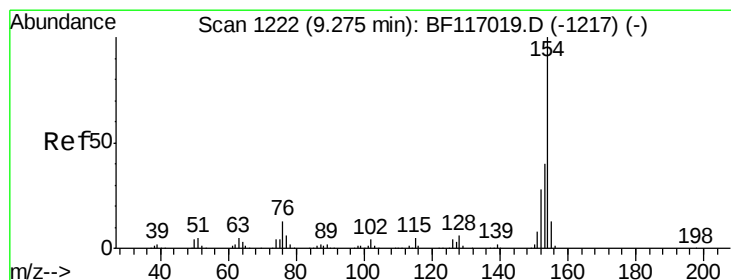
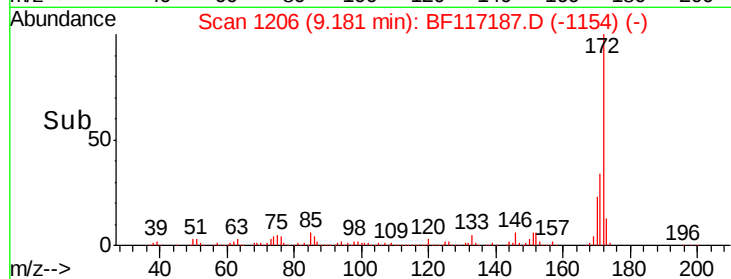
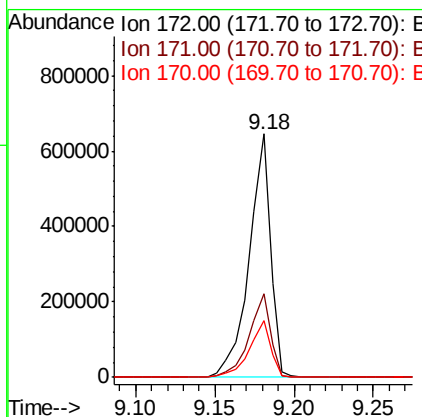
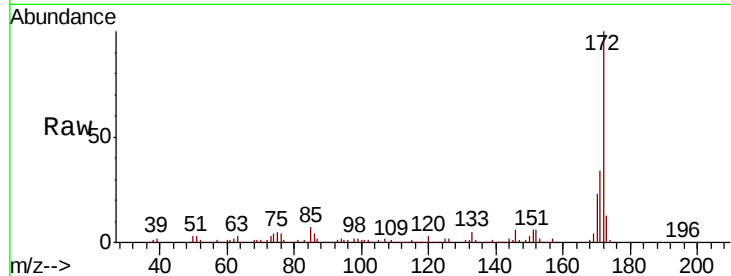
#45
2-Fluorobiphenyl
Concen: 96.429 ng
RT: 9.18 min Scan# 1206
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	605883		
171	34.3		28.2	42.2
170	23.1		18.9	28.3

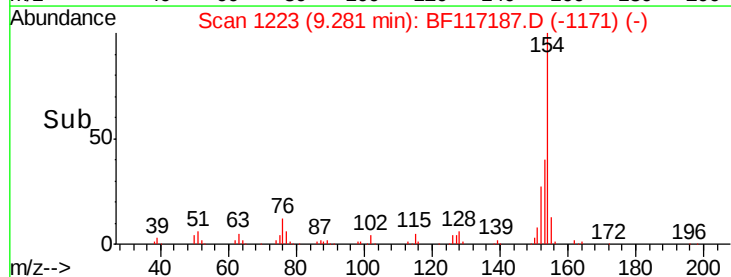
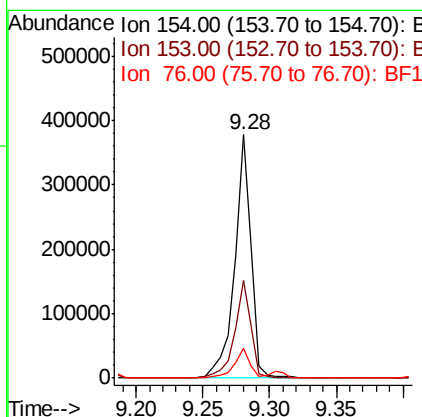
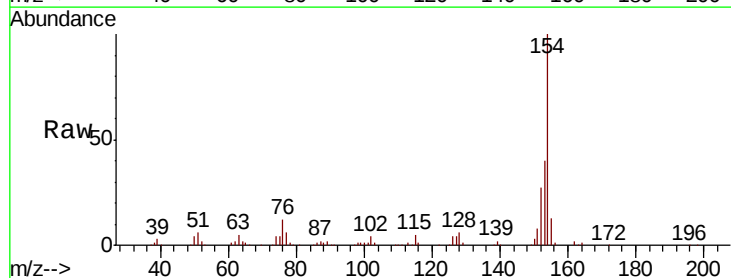
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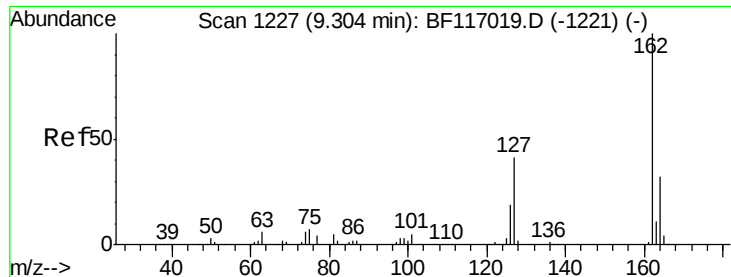
mohammad
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#46
1,1'-Biphenyl
Concen: 42.414 ng
RT: 9.28 min Scan# 1223
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	326848		
153	39.9		20.0	60.0
76	12.2		0.0	32.7





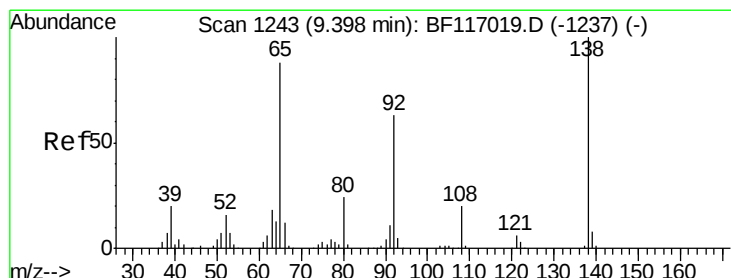
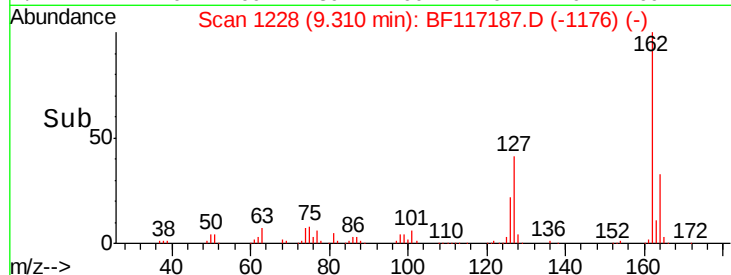
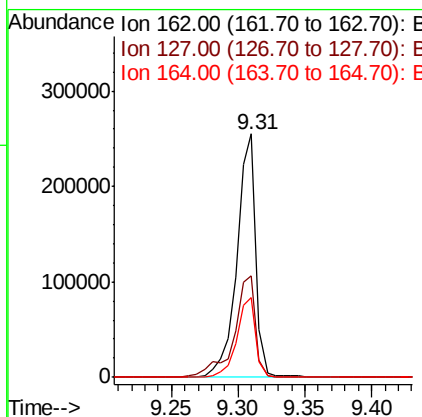
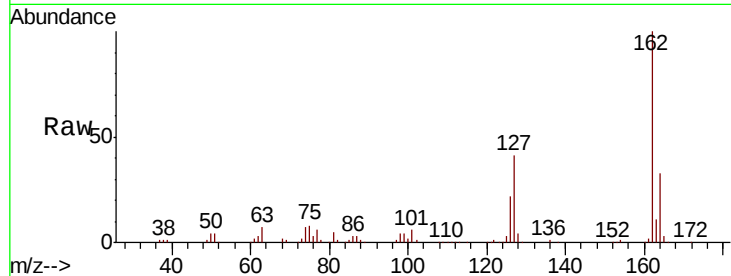
#47
2-Chloronaphthalene
Concen: 41.612 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	253074		
127	41.4	34.1	51.1	
164	32.5	25.9	38.9	

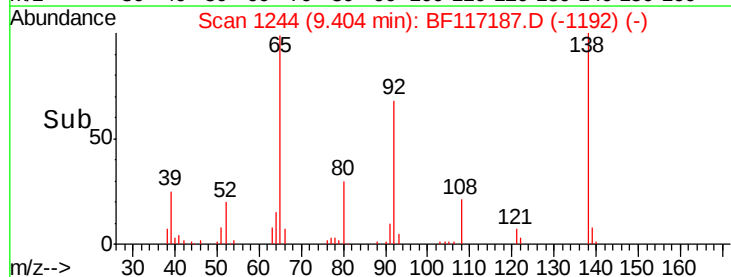
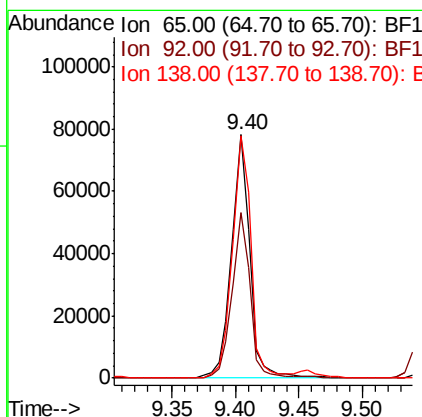
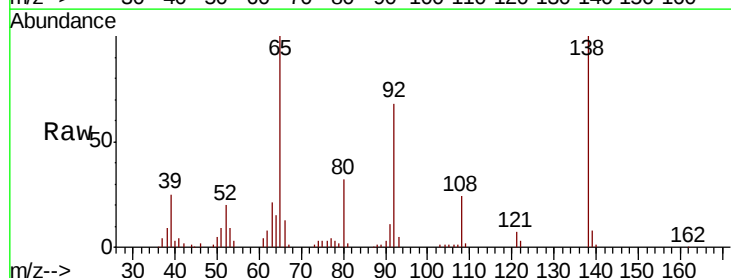
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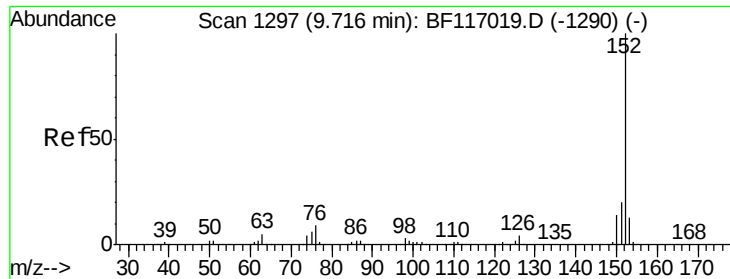
mohammad
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#48
2-Nitroaniline
Concen: 39.996 ng
RT: 9.40 min Scan# 1244
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	78023		
92	67.8	57.5	86.3	
138	99.7	90.6	136.0	





#49

Acenaphthylene

Concen: 43.587 ng

RT: 9.72 min Scan# 1298

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

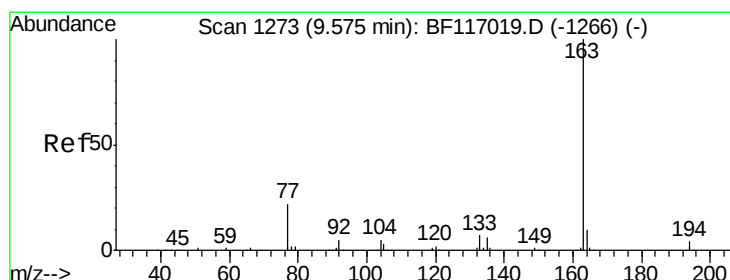
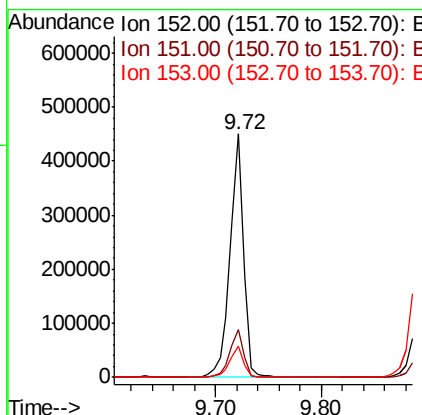
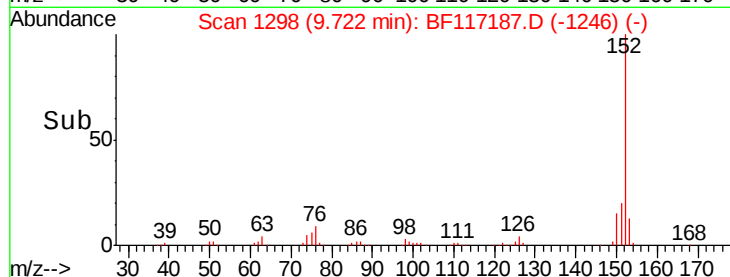
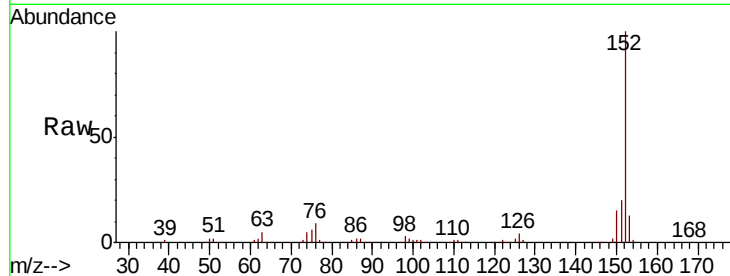
ClientSampleId :

PB123244BSD

Tot Ion:	152	Resp:	397121
Ion Ratio	Lower	Upper	
152	100		
151	19.8	16.2	24.2
153	12.7	10.2	15.4

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#50

Dimethylphthalate

Concen: 44.479 ng

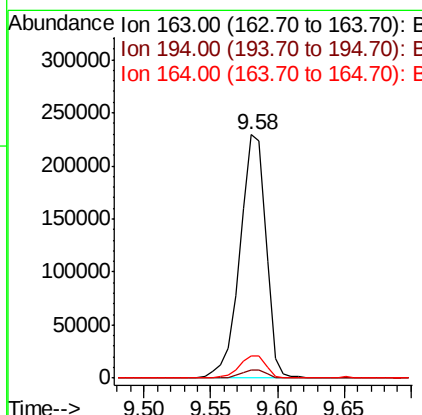
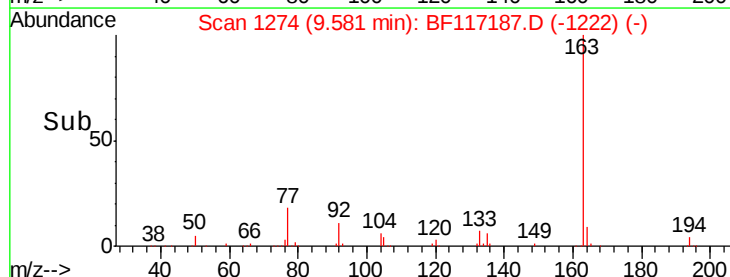
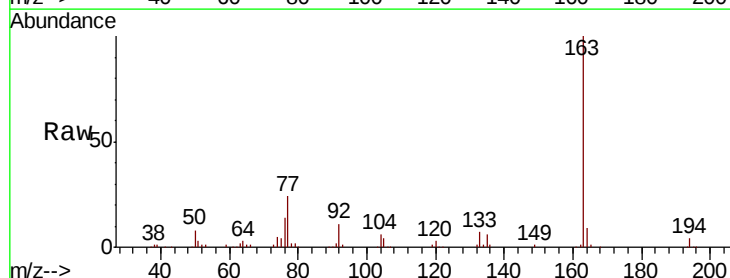
RT: 9.58 min Scan# 1274

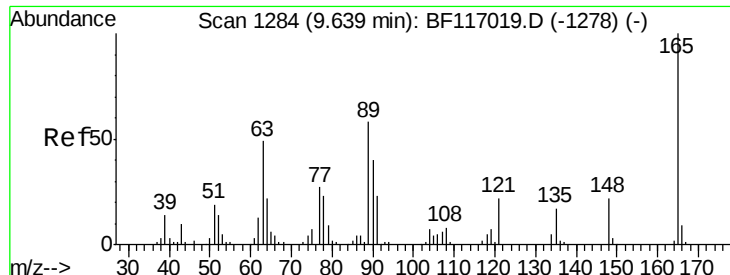
Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Tgt Ion:	163	Resp:	309400
Ion Ratio	Lower	Upper	
163	100		
194	3.5	2.9	4.3
164	9.2	8.2	12.4





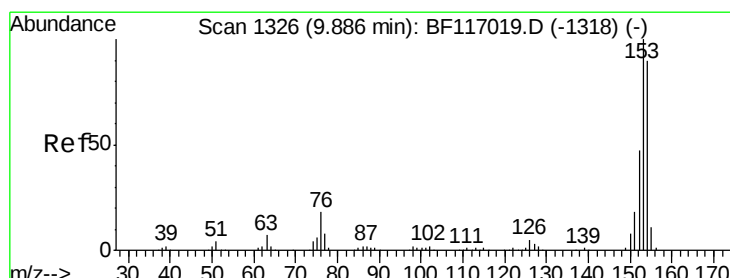
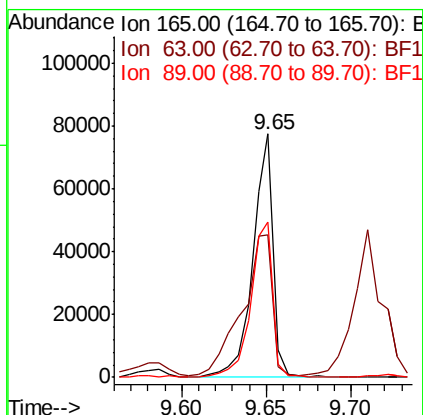
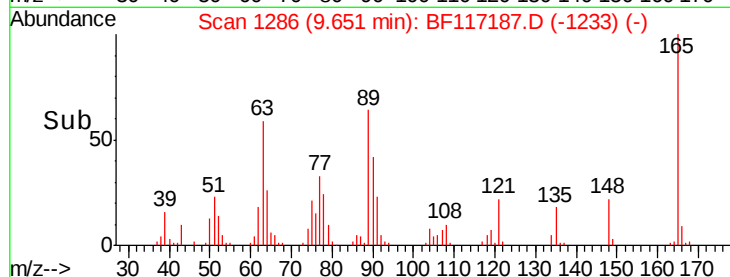
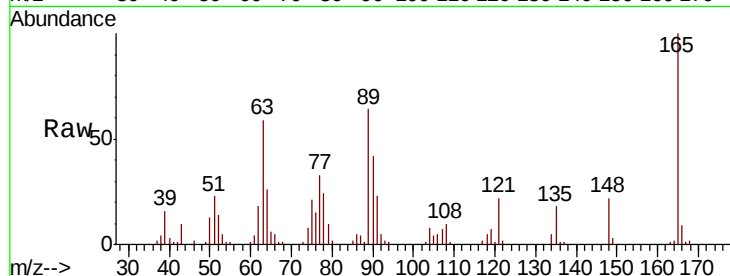
#51
 2,6-Dinitrotoluene
 Concen: 45.769 ng
 RT: 9.65 min Scan# 1286
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleID :
 PB123244BSD

Tot Ion:	165	Resp:	64842
Ion Ratio	Lower	Upper	
165	100		
63	58.5	41.8	62.8
89	63.7	46.5	69.7

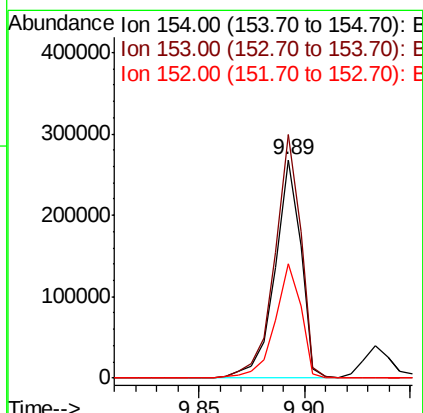
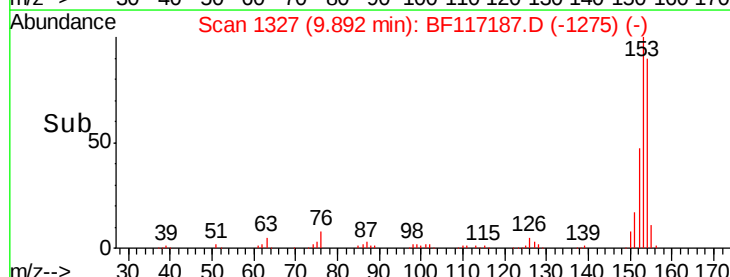
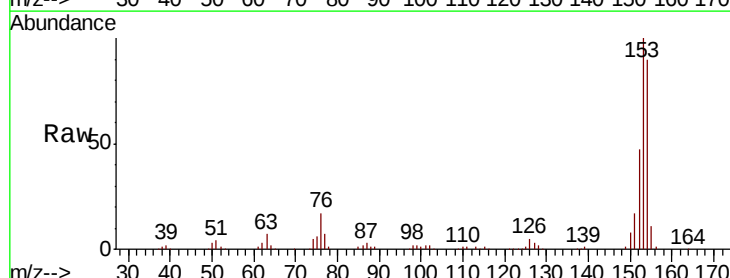
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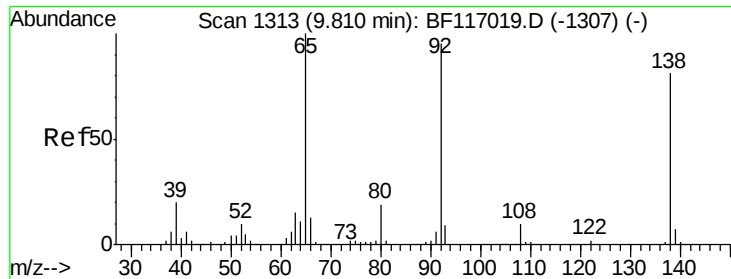
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#52
 Acenaphthene
 Concen: 42.608 ng
 RT: 9.89 min Scan# 1327
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion:	154	Resp:	230116
Ion Ratio	Lower	Upper	
154	100		
153	111.7	89.0	133.6
152	52.6	41.9	62.9





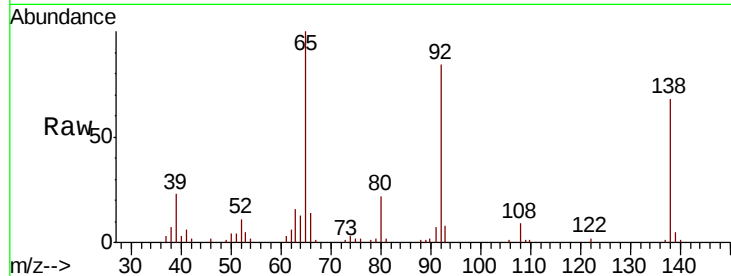
#53
 3-Nitroaniline
 Concen: 20.512 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	13.7	9.5	14.3
92	123.3	94.1	141.1

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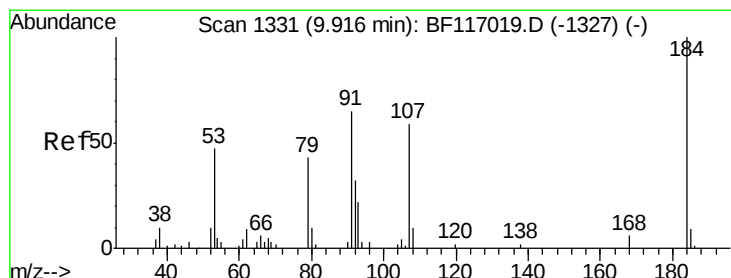
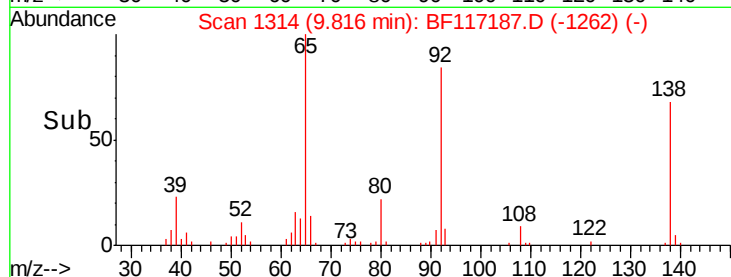
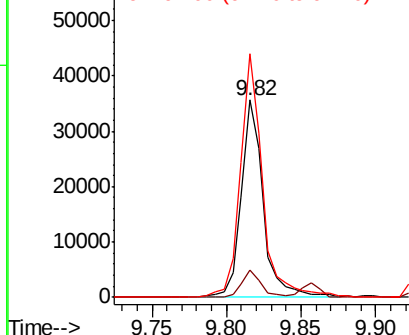


Abundance

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: 78.653 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. 0.02 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

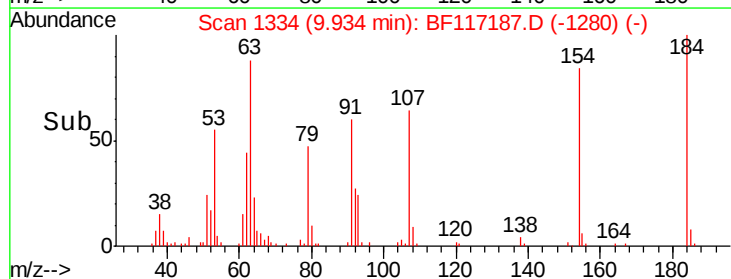
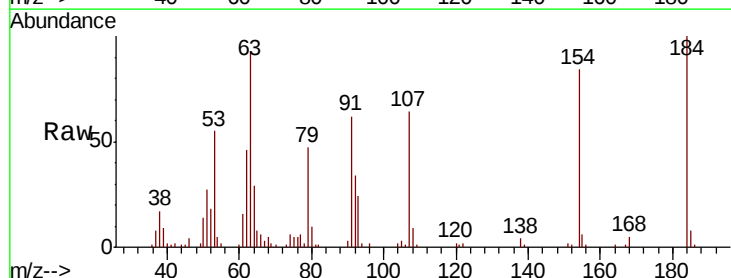
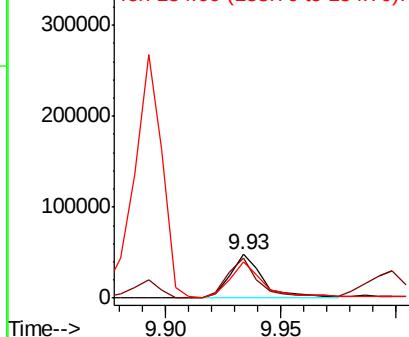
Tgt Ion	Ratio	Lower	Upper
184	100		
63	93.2	63.8	95.6
154	83.5	60.4	90.6

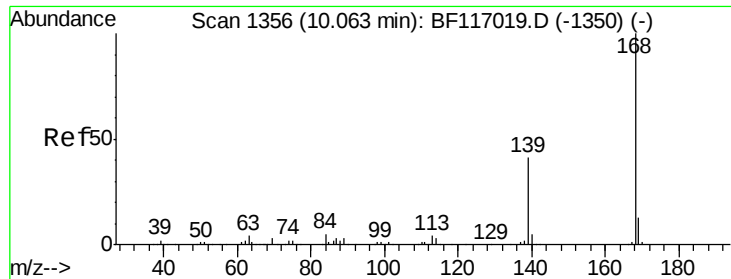
Abundance

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





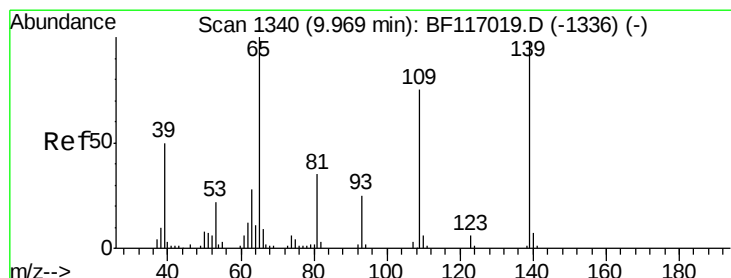
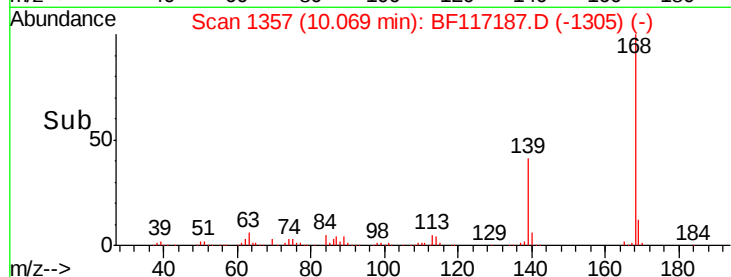
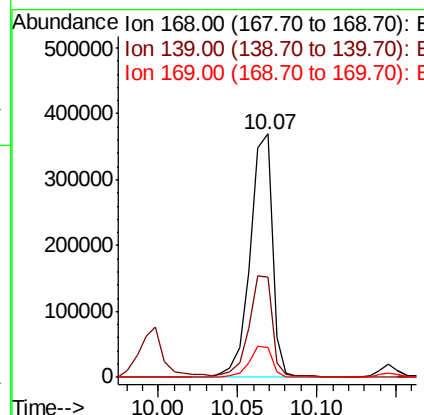
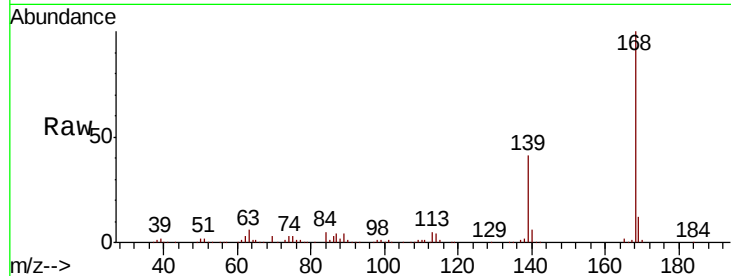
#55
Dibenzenofuran
Concen: 45.165 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	359897		
139	41.2	32.8	49.2	
169	12.4	10.5	15.7	

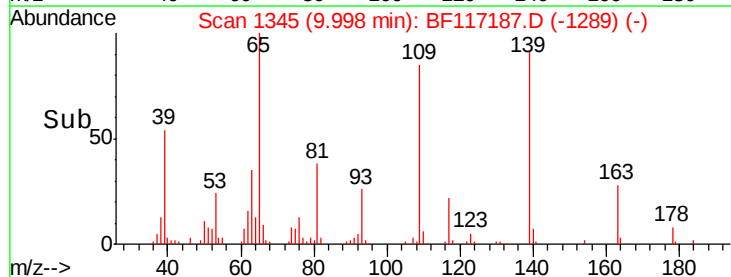
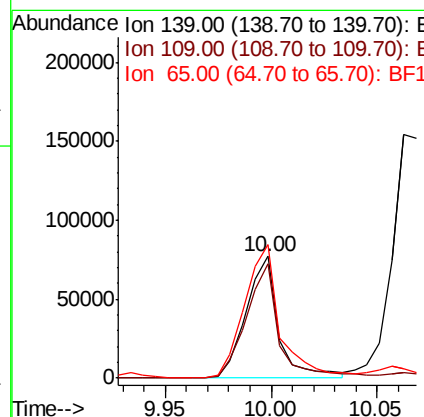
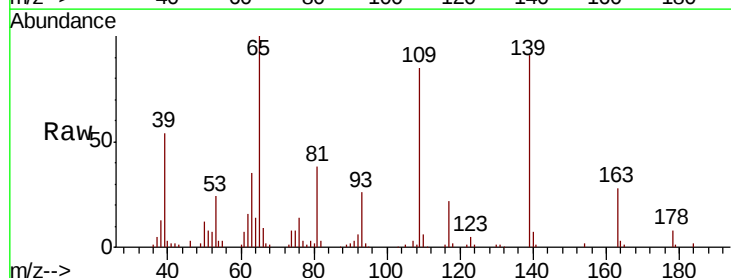
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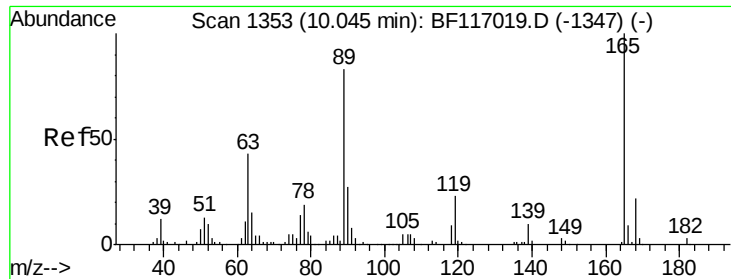
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#56
4-Nitrophenol
Concen: 71.343 ng
RT: 10.00 min Scan# 1345
Delta R.T. 0.03 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	82650		
109	93.6	56.4	96.4	
65	110.1	82.5	122.5	





#57

2,4-Dinitrotoluene

Concen: 47.429 ng

RT: 10.06 min Scan# 1355

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

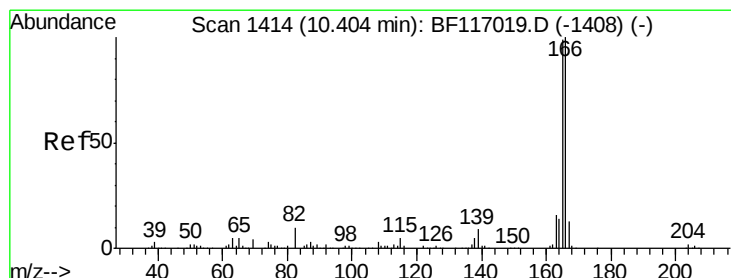
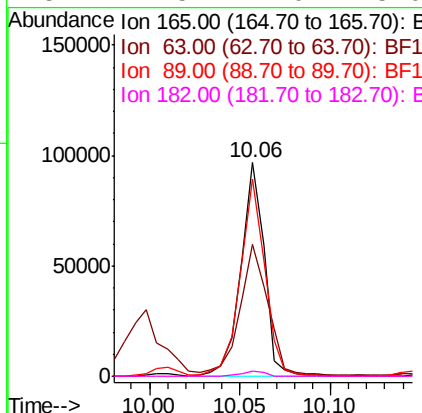
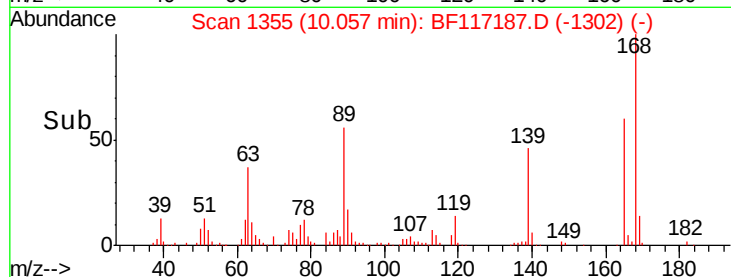
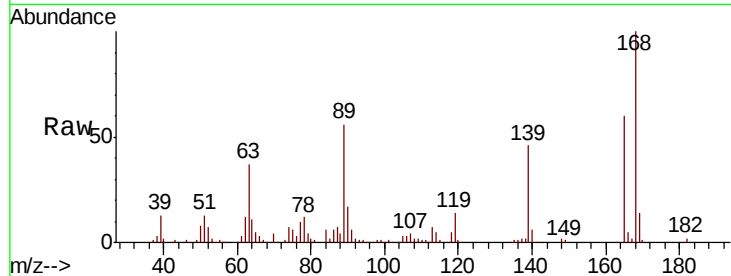
ClientSampleId :

PB123244BSD

Tot Ion:	165	Resp:	87222
Ion Ratio	Lower	Upper	
165	100		
63	61.9	35.0	52.4#
89	92.2	66.1	99.1
182	2.5	2.0	3.0

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#58

Fluorene

Concen: 45.890 ng

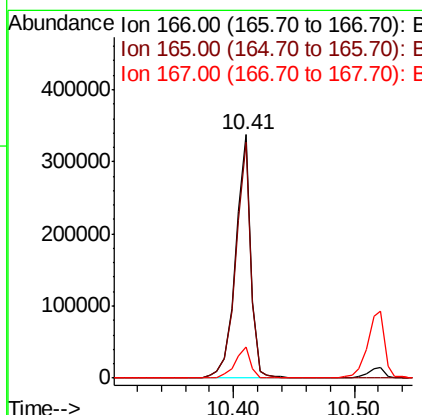
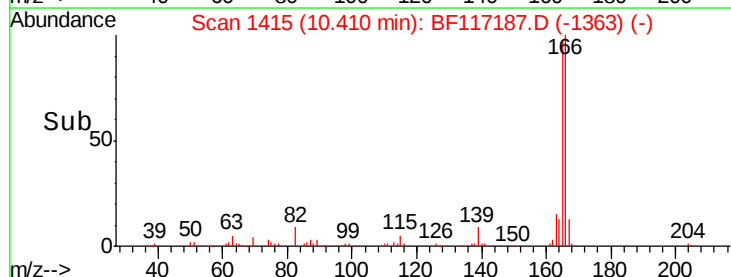
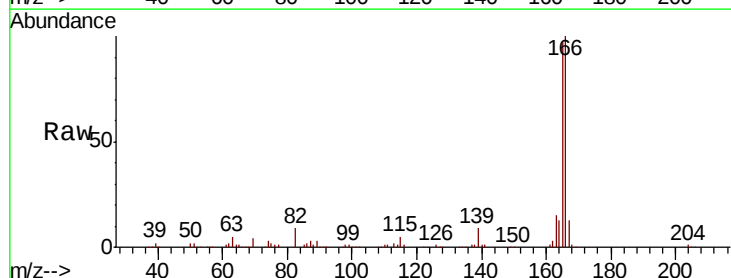
RT: 10.41 min Scan# 1415

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Tgt Ion:	166	Resp:	294564
Ion Ratio	Lower	Upper	
166	100		
165	97.1	78.9	118.3
167	12.9	10.6	15.8





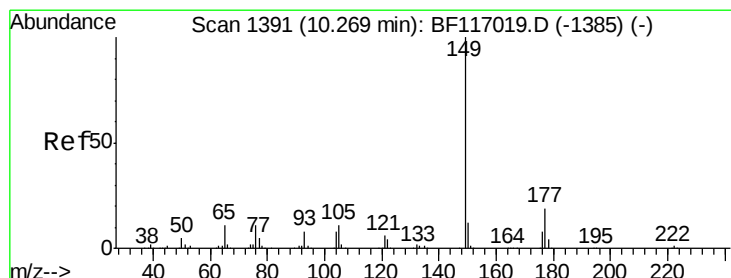
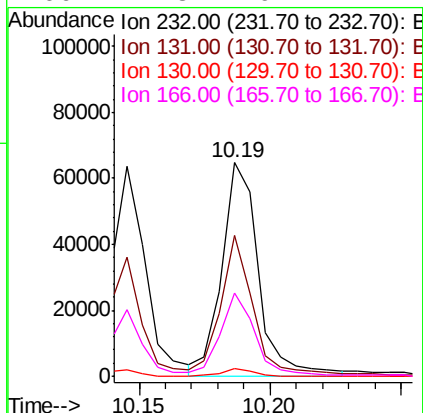
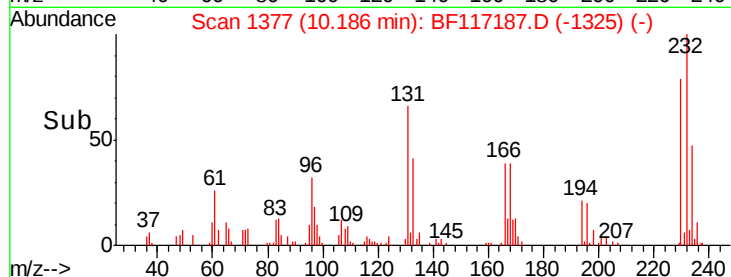
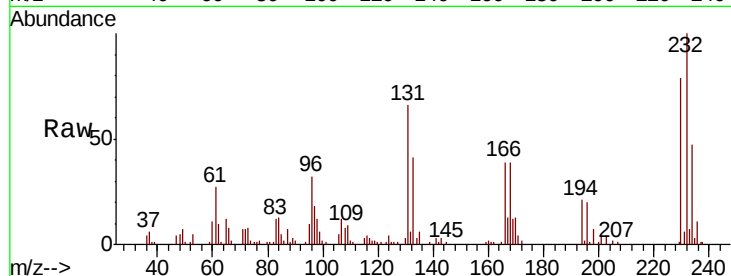
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.115 ng m
 RT: 10.19 min Scan# 1377
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.9	45.3	67.9
130	2.3	1.8	2.8
166	27.3	29.4	44.2#

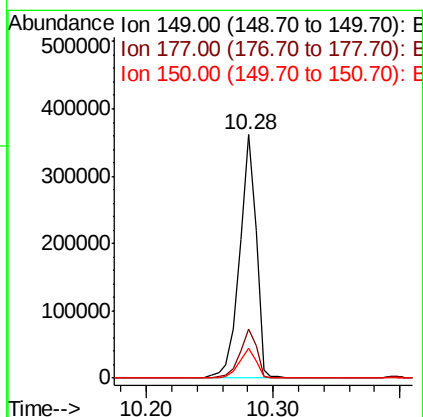
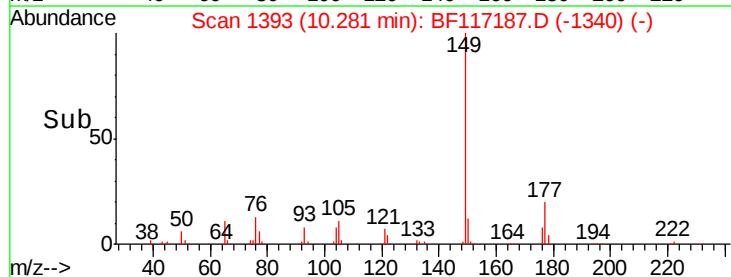
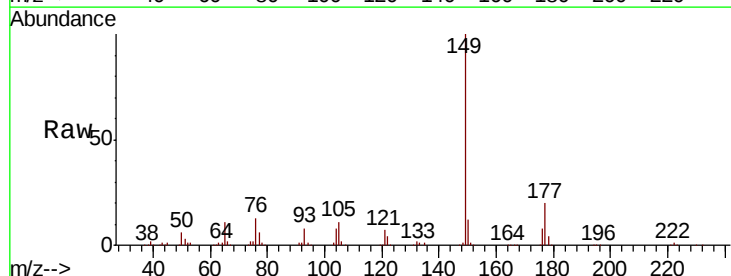
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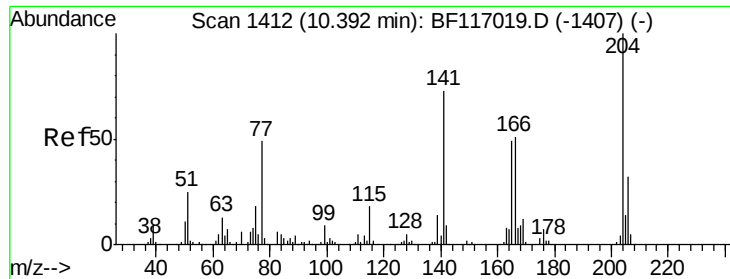
mohammad
 9/24/2019 9:12:32 AM



#60
 Diethylphthalate
 Concen: 47.256 ng
 RT: 10.28 min Scan# 1393
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.1	15.2	22.8
150	12.3	9.9	14.9





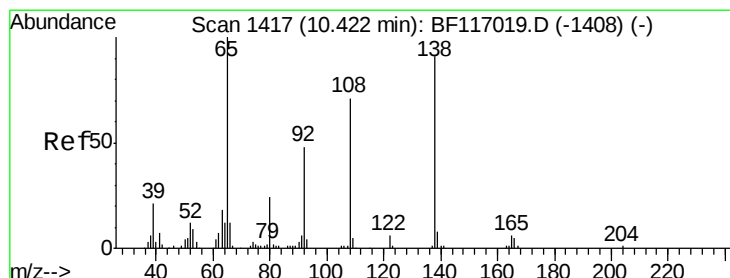
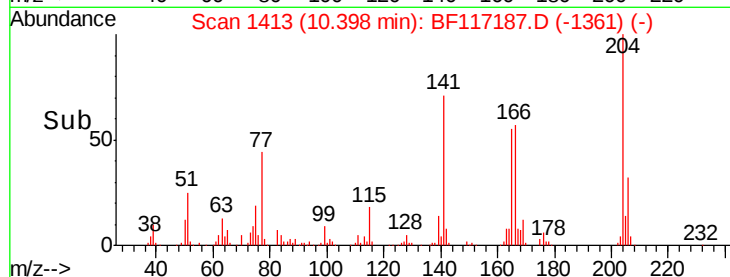
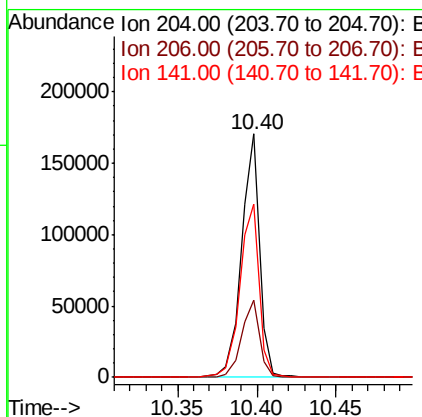
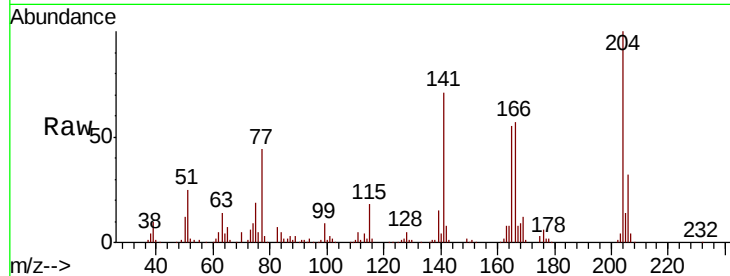
#61
4-Chlorophenyl-phenylether
Concen: 48.633 ng
RT: 10.40 min Scan# 1413
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.9	26.0	39.0
141	71.1	58.2	87.2

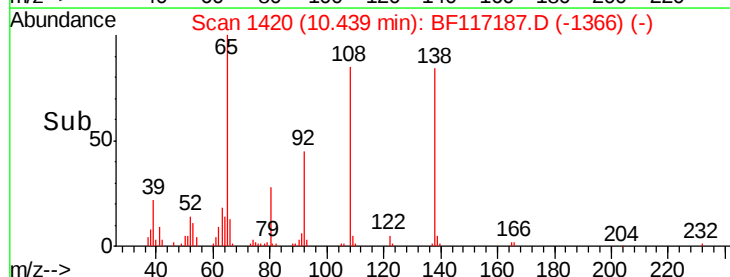
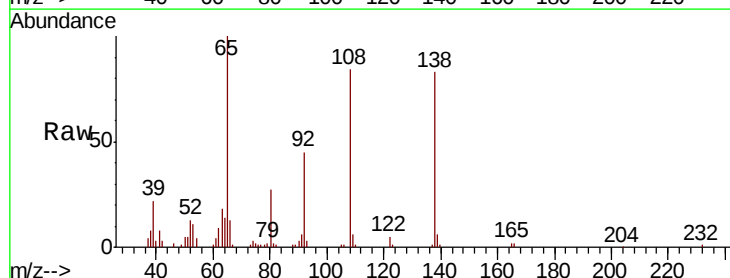
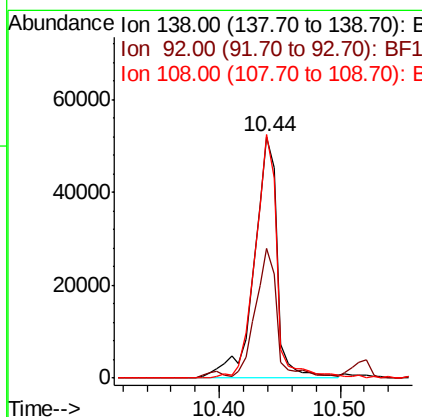
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#62
4-Nitroaniline
Concen: 37.361 ng
RT: 10.44 min Scan# 1420
Delta R.T. 0.02 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.7	32.9	72.9
108	101.0	58.3	98.3#





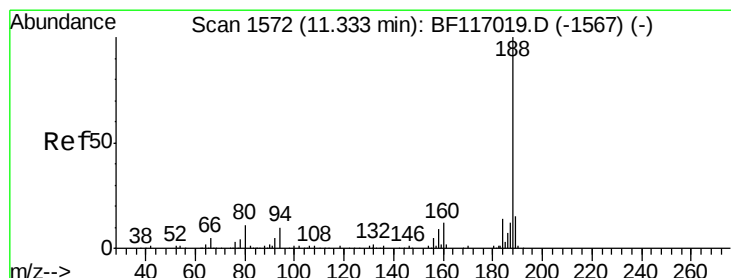
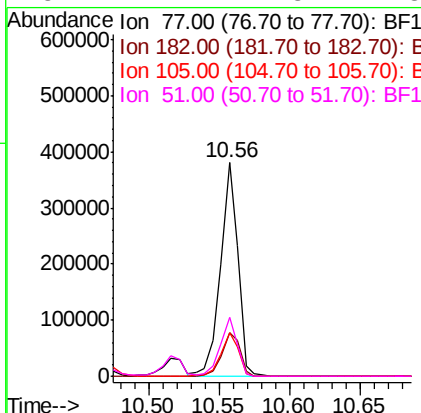
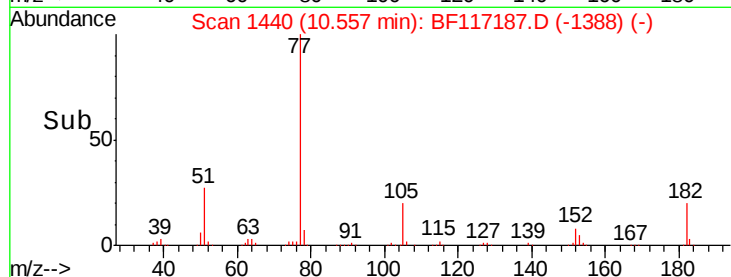
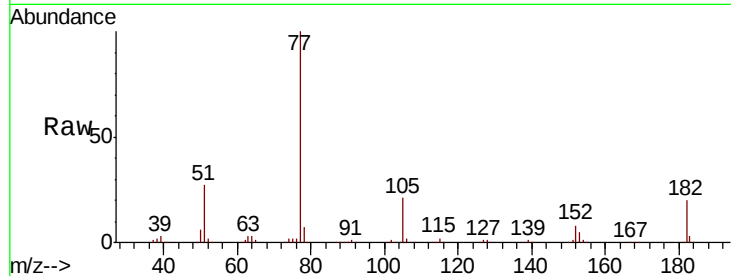
#63
Azobenzene
Concen: 46.381 ng
RT: 10.56 min Scan# 1440
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	20.3	0.4	40.4	
105	20.5	0.9	40.9	
51	27.4	2.8	42.8	

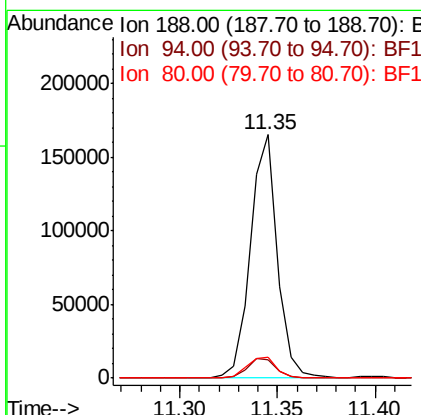
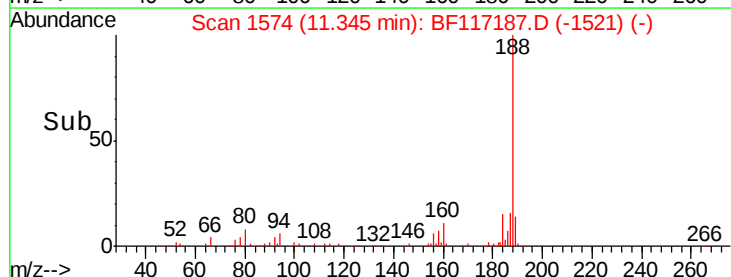
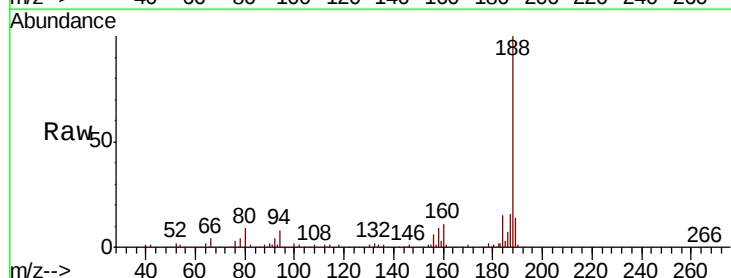
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	7.8	8.2	12.2#	
80	8.6	9.0	13.6#	





#65

4,6-Dinitro-2-methylphenol

Concen: 50.177 ng

RT: 10.47 min Scan# 1425

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

ClientSampleId :

PB123244BSD

Tot Ion:198 Resp: 36303

Ion Ratio Lower Upper

198 100

51 59.7 18.7 58.7#

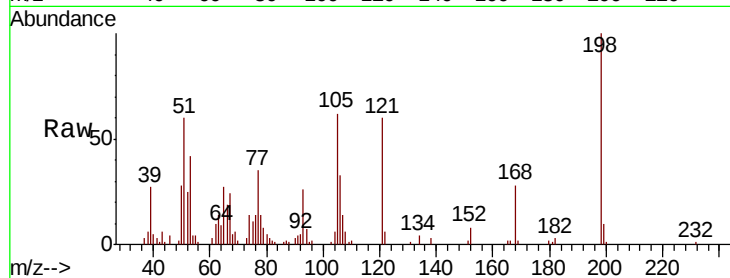
105 61.7 30.2 70.2

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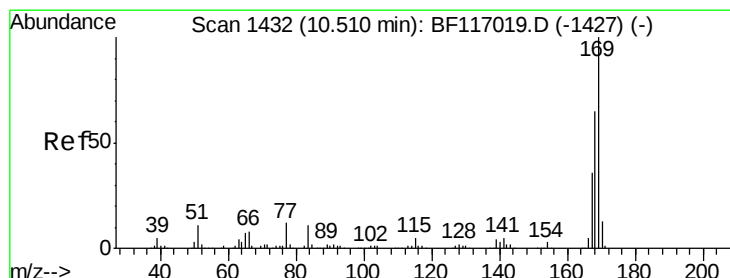
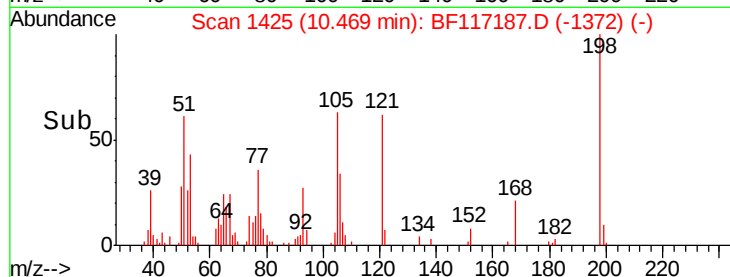
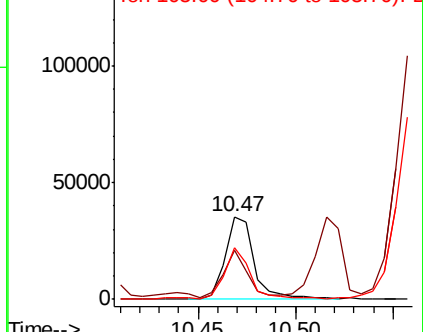
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 46.861 ng

RT: 10.52 min Scan# 1434

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

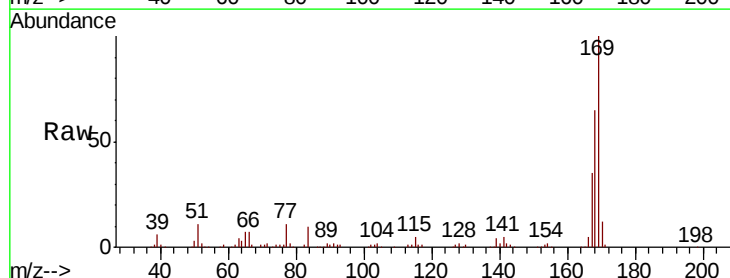
Tgt Ion:169 Resp: 255120

Ion Ratio Lower Upper

169 100

168 65.4 52.2 78.2

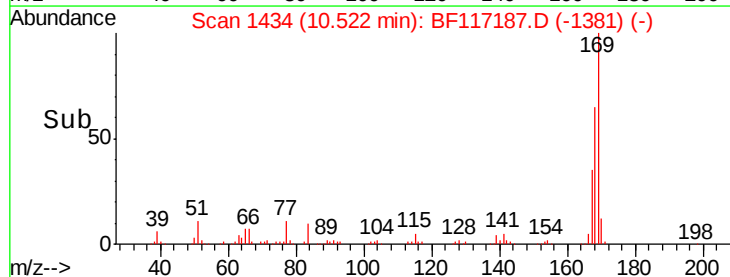
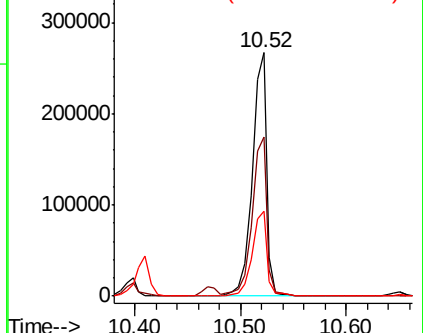
167 34.9 28.8 43.2



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





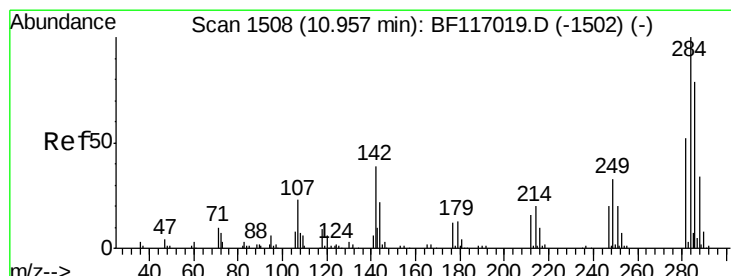
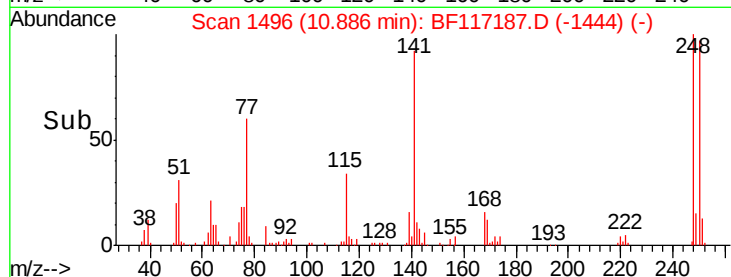
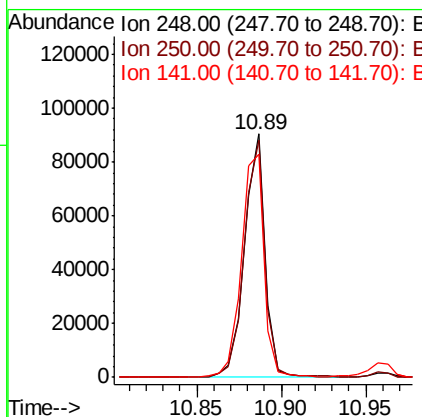
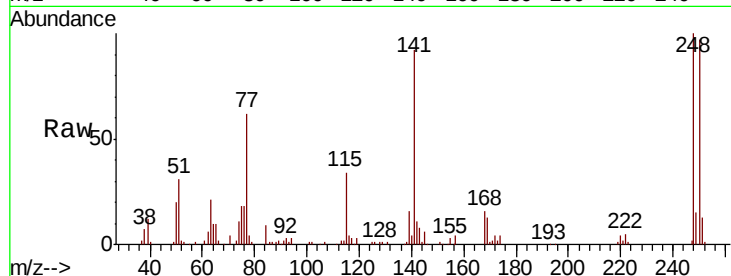
#67
 4-Bromophenyl-phenylether
 Concen: 47.783 ng
 RT: 10.89 min Scan# 1496
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion:	248	Resp:	76924
Ion Ratio	Lower	Upper	
248	100		
250	97.4	76.2	114.4
141	91.6	75.0	112.4

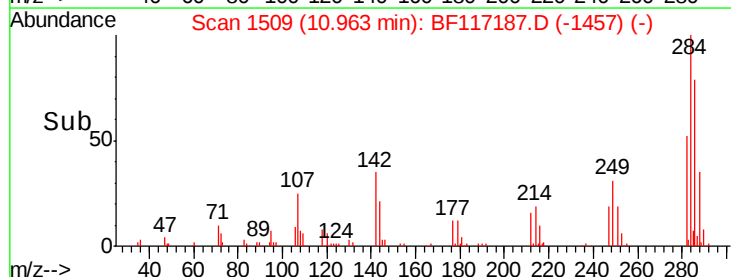
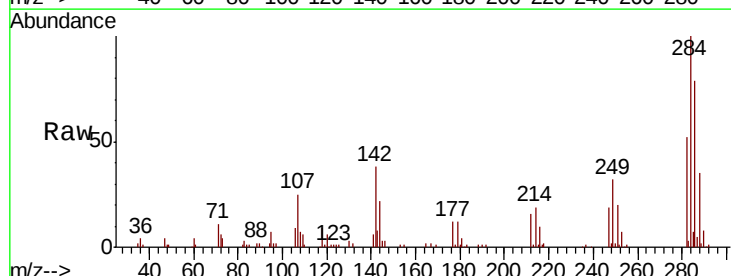
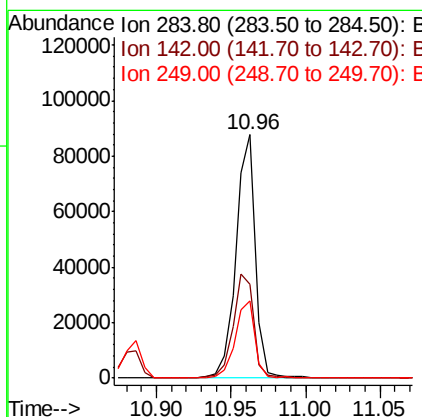
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#68
 Hexachlorobenzene
 Concen: 45.257 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion:	284	Resp:	79688
Ion Ratio	Lower	Upper	
284	100		
142	38.4	31.4	47.2
249	31.6	26.5	39.7





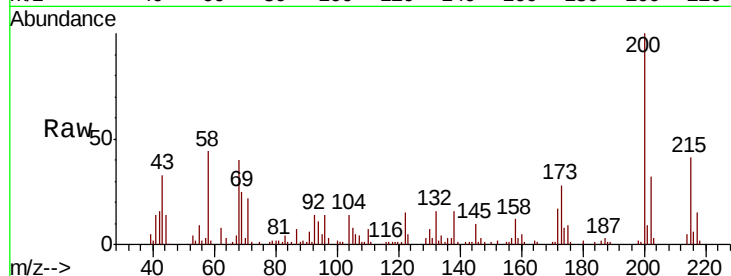
#69
Atrazine
Concen: 56.681 ng
RT: 11.05 min Scan# 1523
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	6.9	46.9
215	41.3	23.8	63.8

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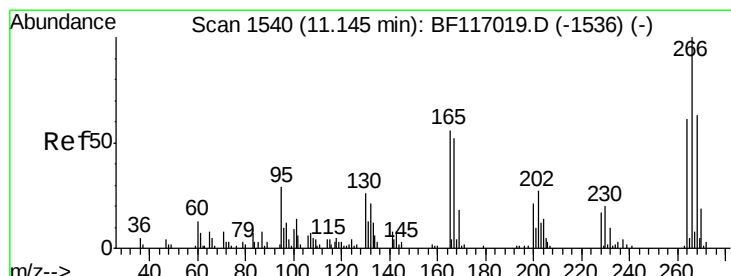
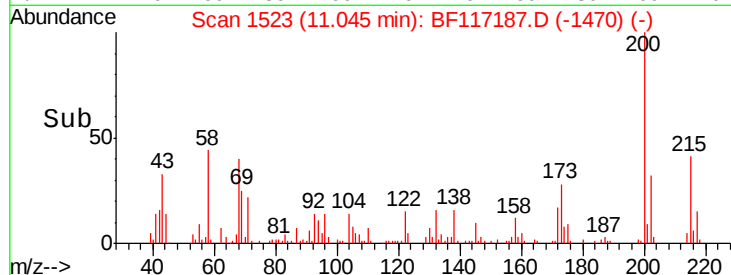
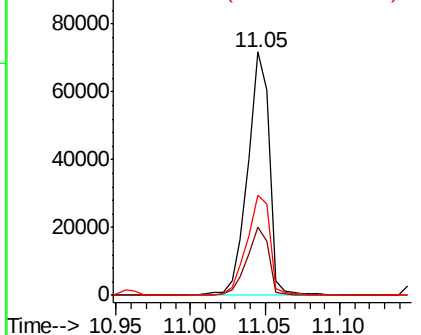


Abundance

Ion 200.00 (199.70 to 200.70): E

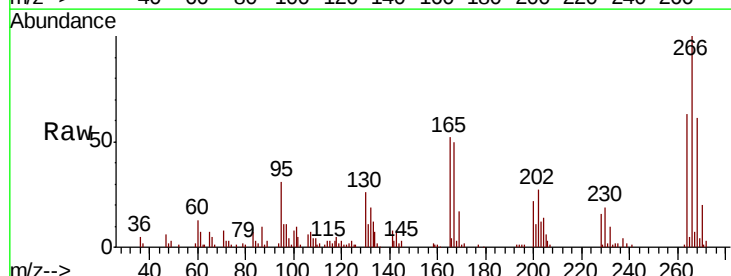
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 90.159 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	61.0	50.5	75.7
264	63.5	48.8	73.2

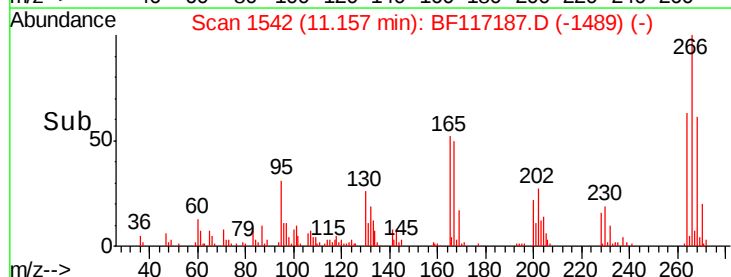
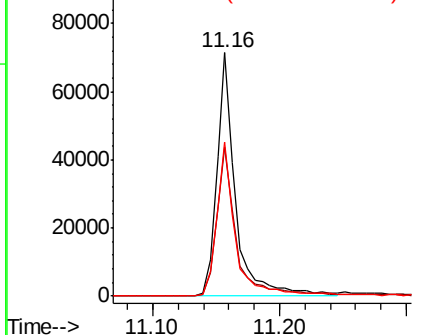


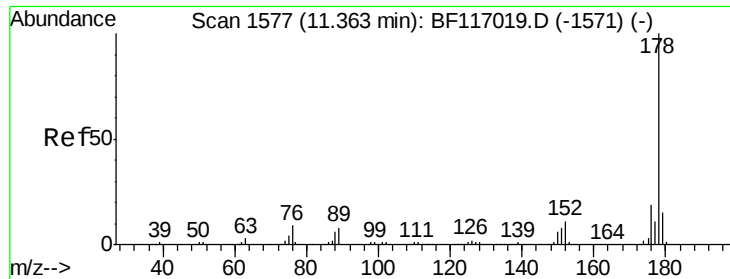
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





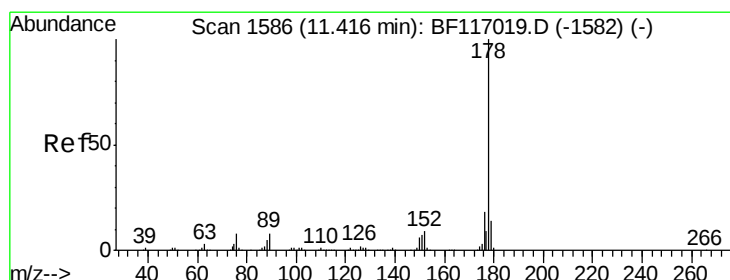
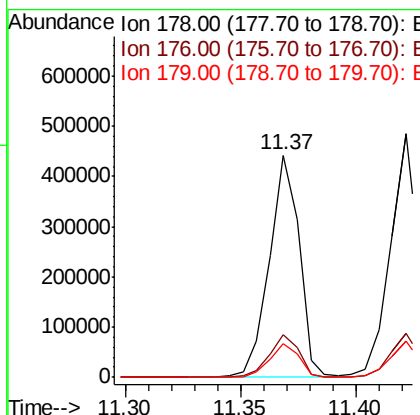
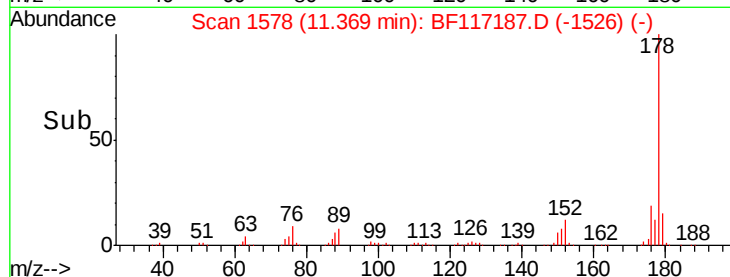
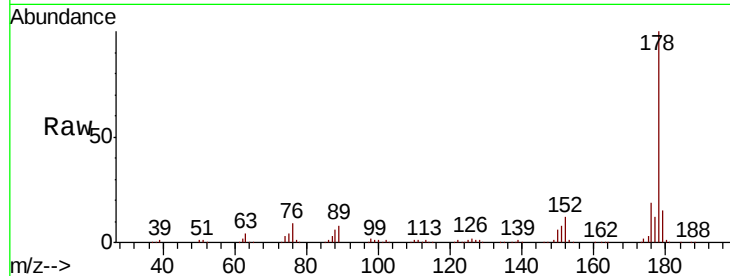
#71
Phenanthrene
Concen: 44.719 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	15.3	12.4	18.6

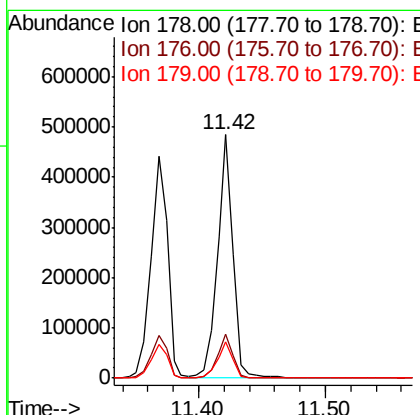
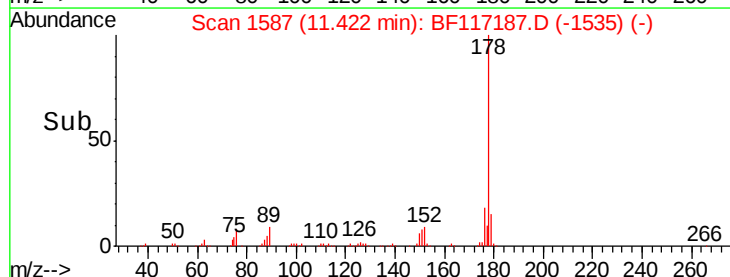
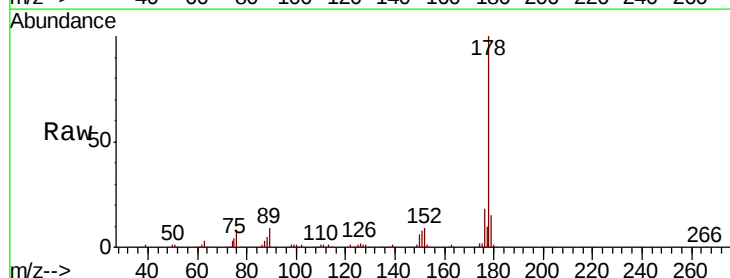
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#72
Anthracene
Concen: 45.743 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.6	21.8
179	14.9	11.6	17.4





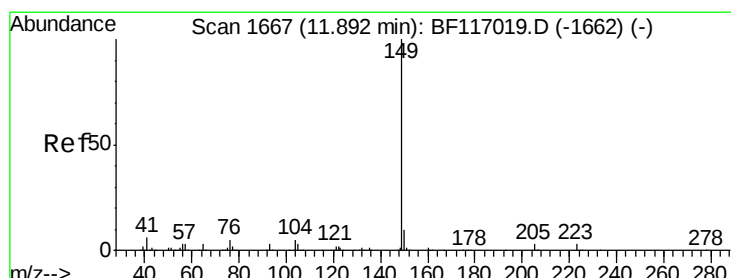
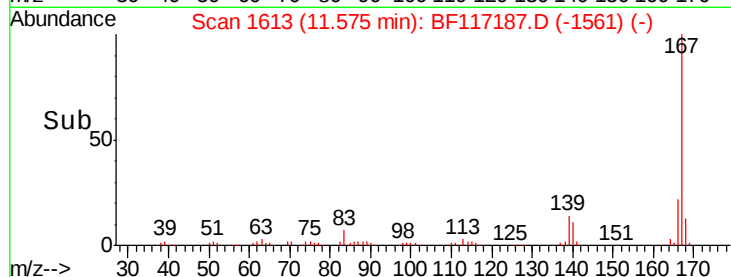
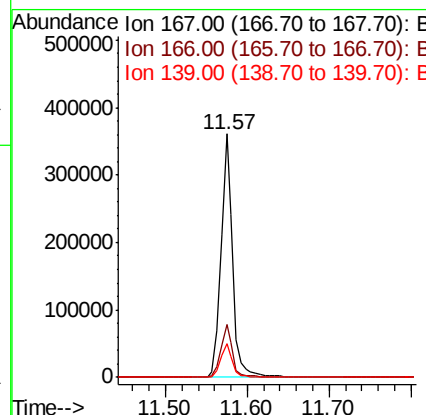
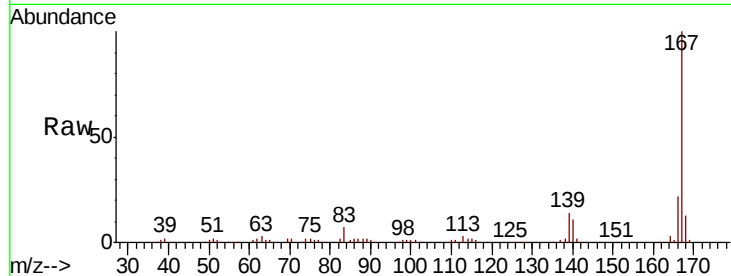
#73
 Carbazole
 Concen: 41.591 ng
 RT: 11.57 min Scan# 1613
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	13.9	10.6	16.0

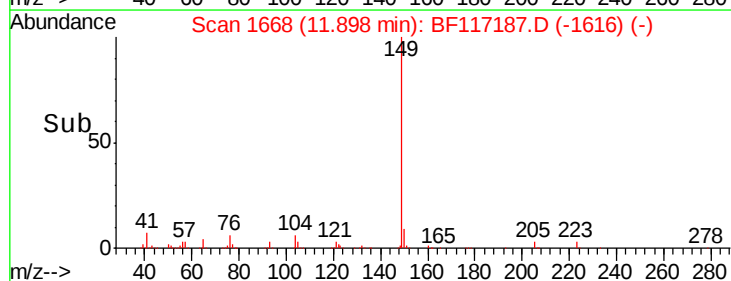
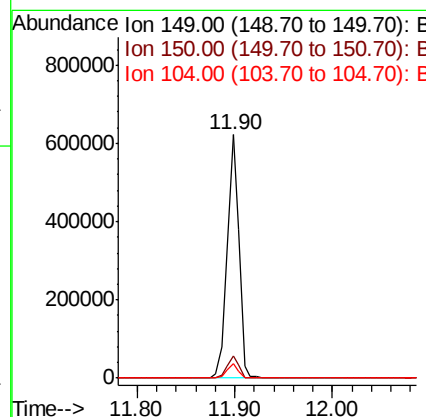
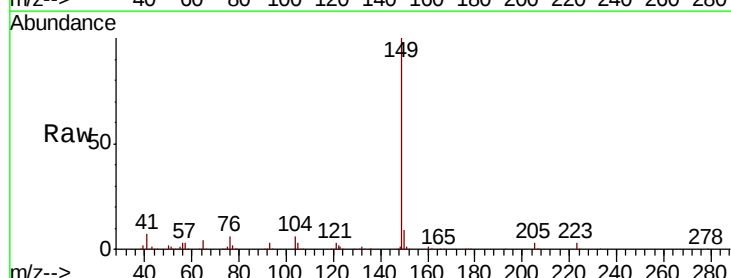
Manual Integrations
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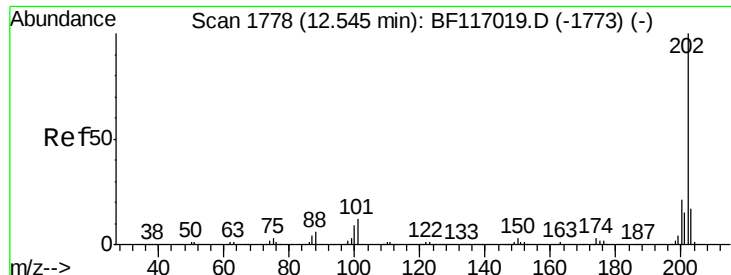
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#74
 Di-n-butylphthalate
 Concen: 50.198 ng
 RT: 11.90 min Scan# 1668
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.7	11.5
104	5.8	4.2	6.4





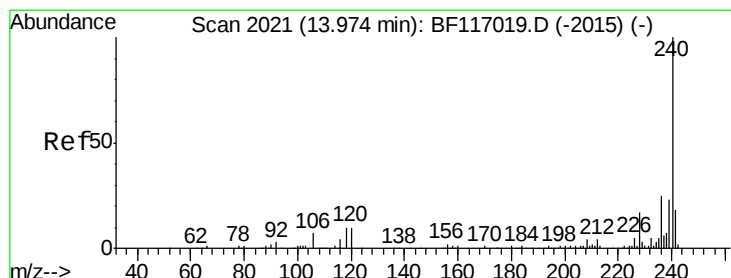
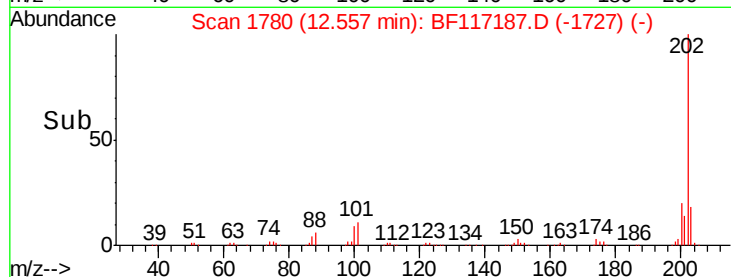
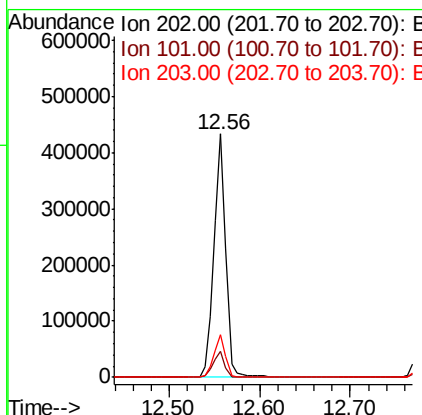
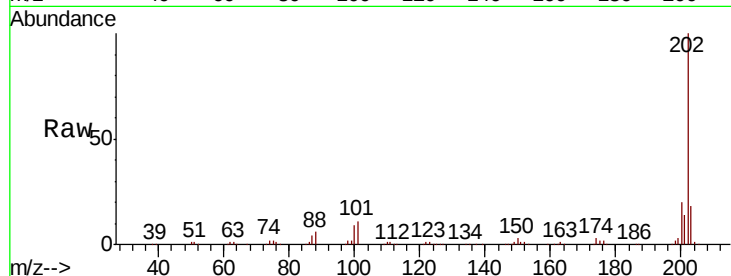
#75
Fluoranthene
 Concen: 43.112 ng
 RT: 12.56 min Scan# 1780
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.7	0.0	32.3
203	17.5	0.0	37.1

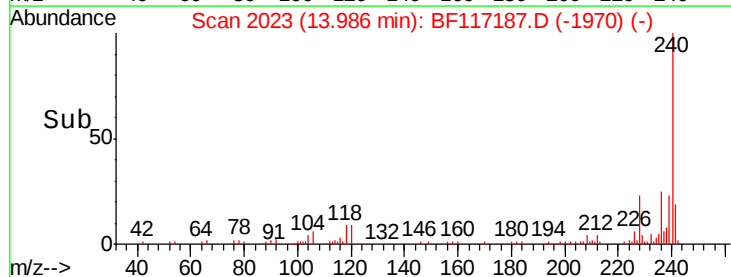
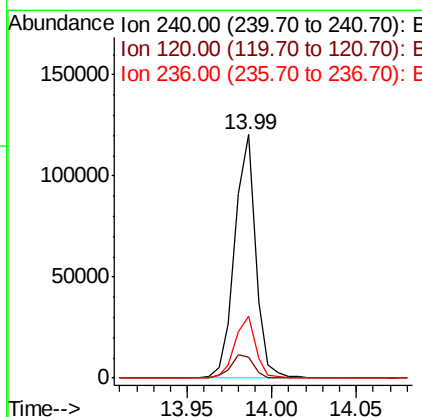
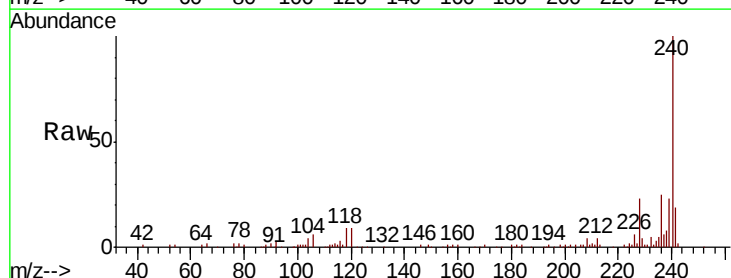
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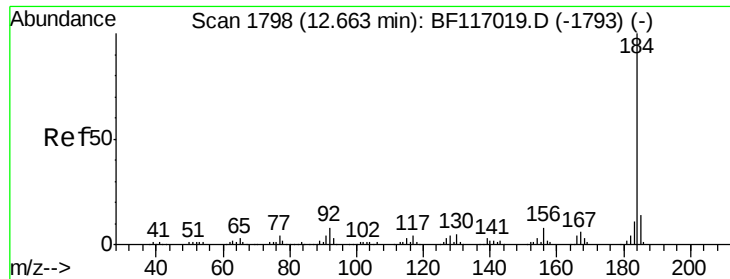
mohammad
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#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	8.8	8.3	12.5
236	25.3	20.3	30.5





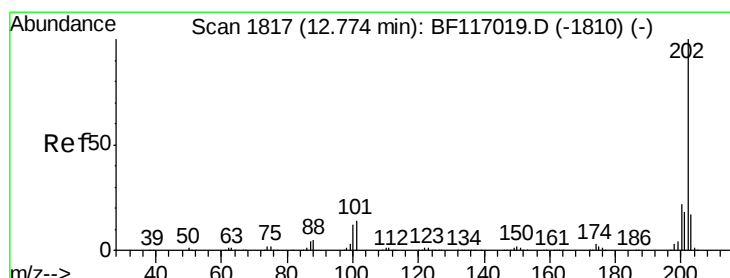
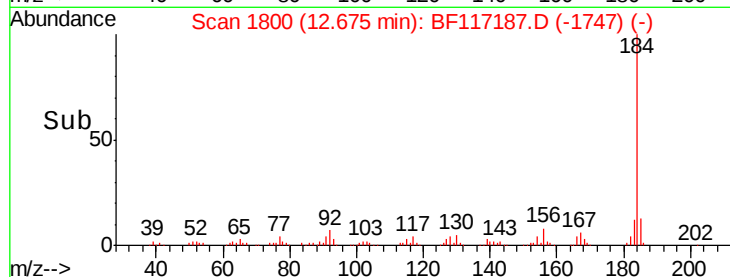
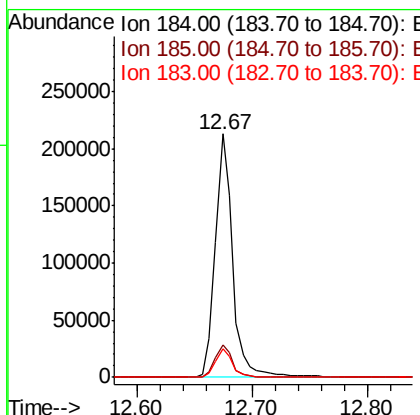
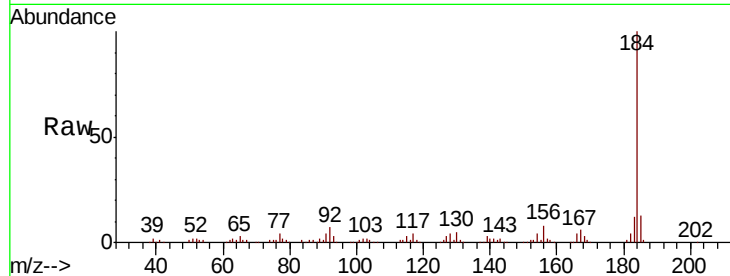
#77
Benzidine
Concen: 67.097 ng
RT: 12.67 min Scan# 1800
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.2	11.6	17.4
183	11.8	9.0	13.4

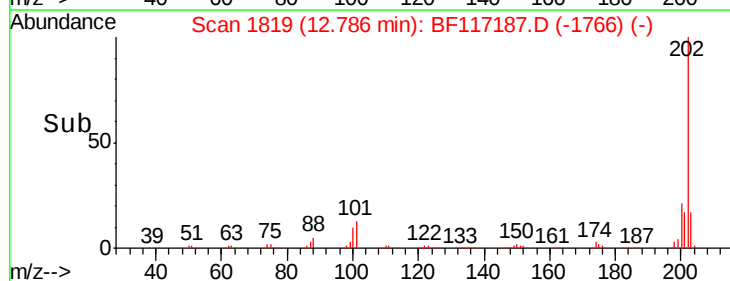
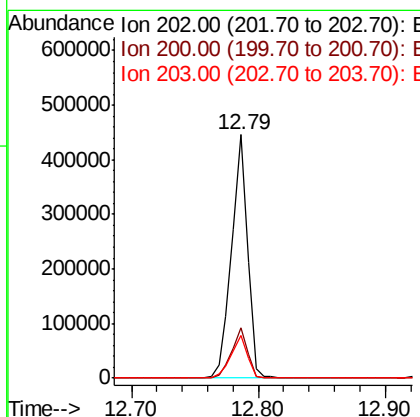
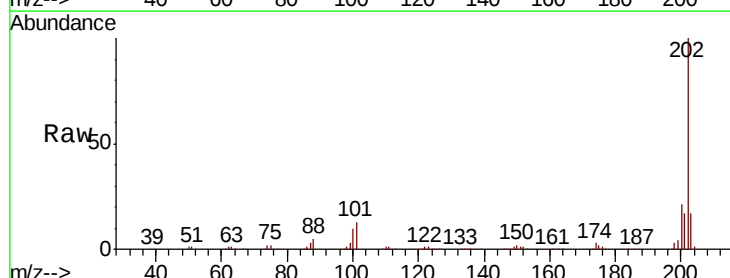
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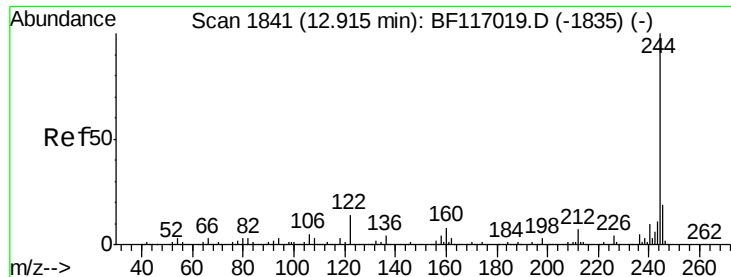
mohammad
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#78
Pyrene
Concen: 44.799 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.01 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.2	25.8
203	17.3	14.0	21.0





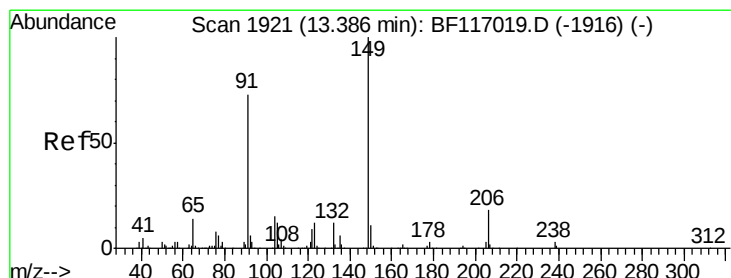
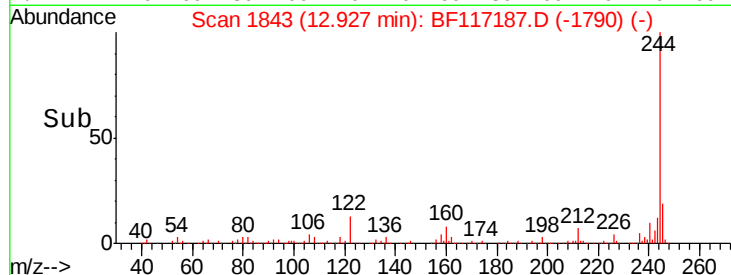
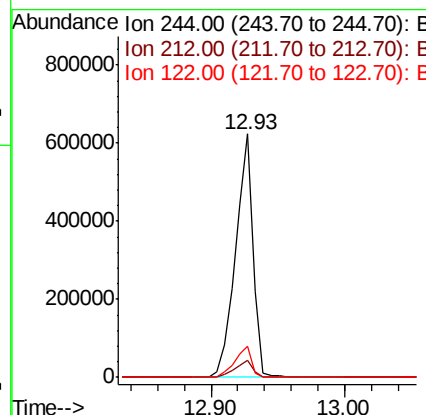
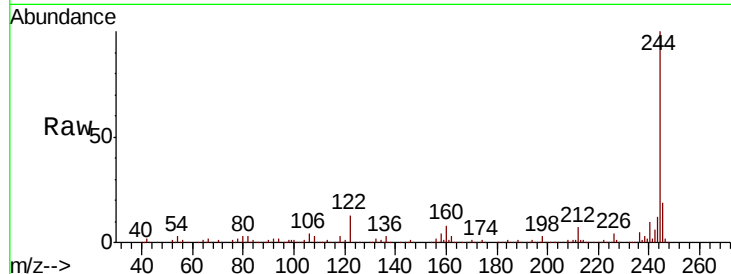
#79
 Terphenyl-d14
 Concen: 104.562 ng
 RT: 12.93 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.6	11.3	16.9

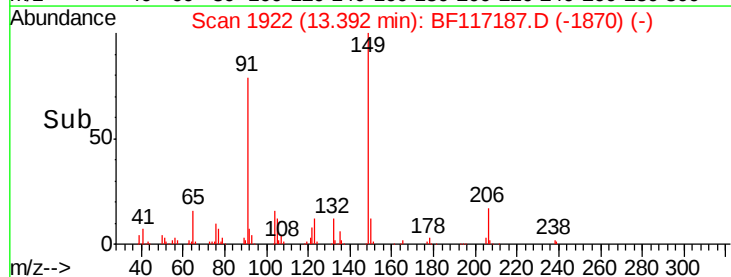
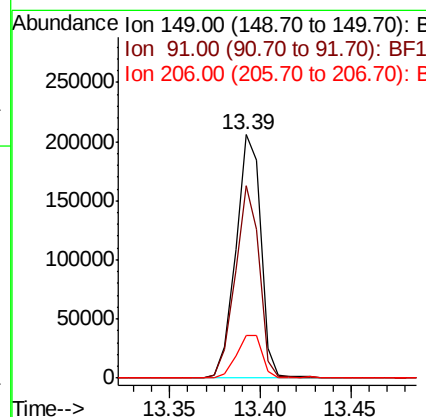
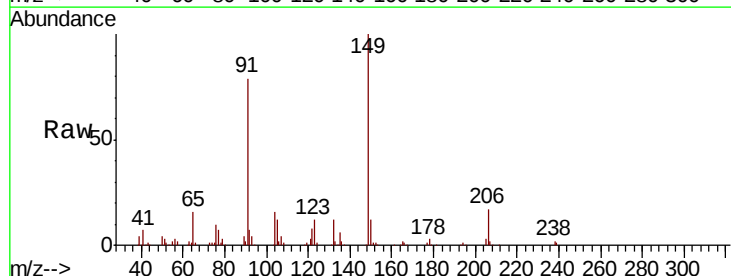
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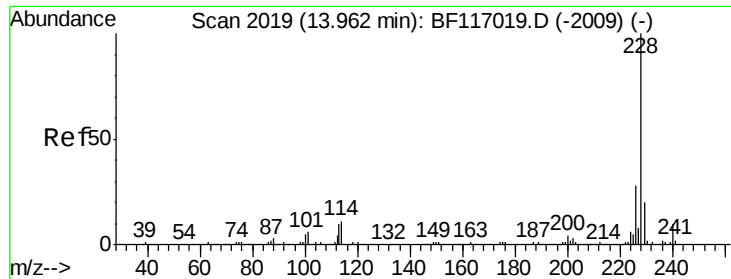
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#80
 Butylbenzylphthalate
 Concen: 48.336 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
149	100		
91	79.1	58.8	88.2
206	17.5	14.1	21.1





#81

Benzo(a)anthracene

Concen: 42.345 ng

RT: 13.97 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

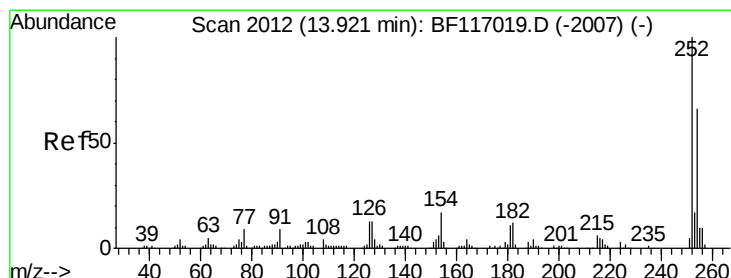
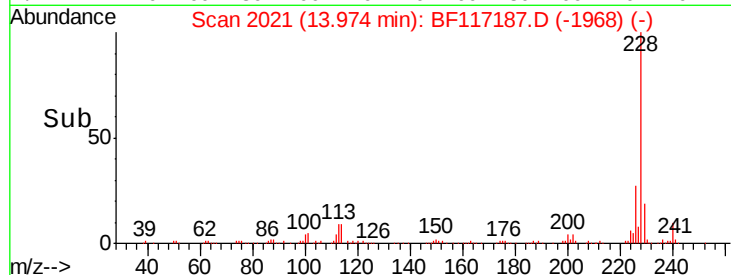
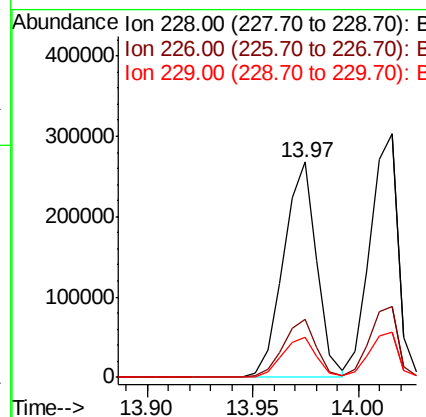
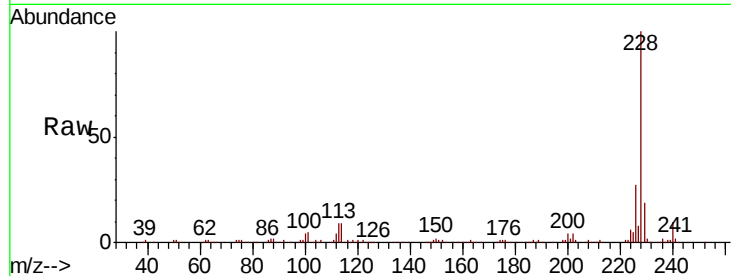
ClientSampleId :

PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	292660		
226	26.9	22.3	33.5	
229	18.8	15.9	23.9	

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#82

3,3'-Dichlorobenzidine

Concen: 22.501 ng

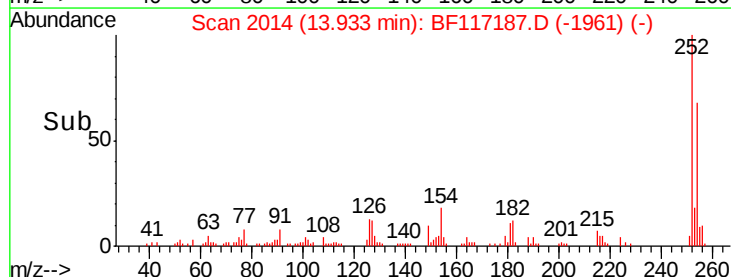
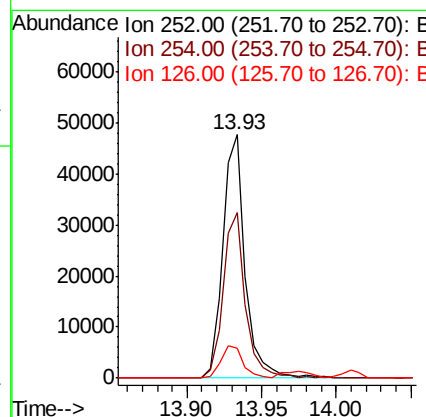
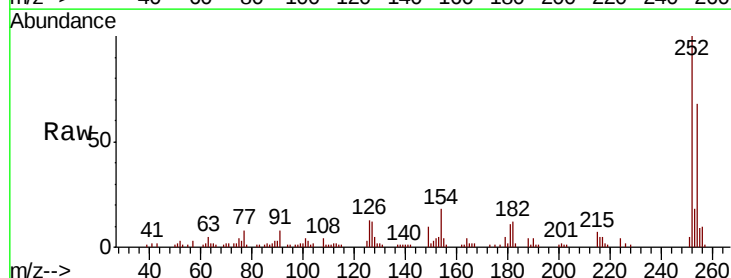
RT: 13.93 min Scan# 2014

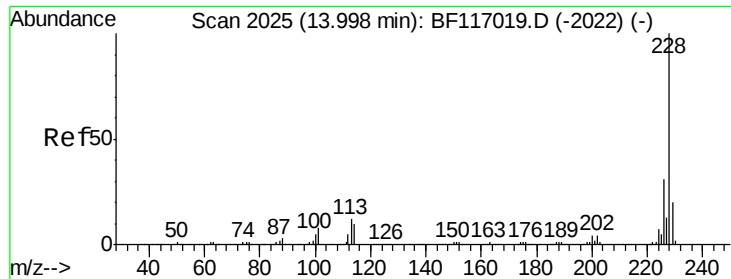
Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	50114		
254	67.9	52.6	79.0	
126	12.5	10.4	15.6	





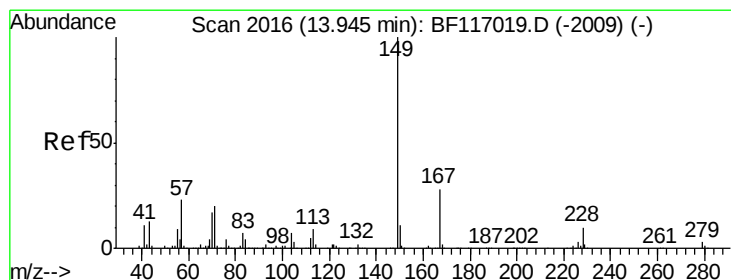
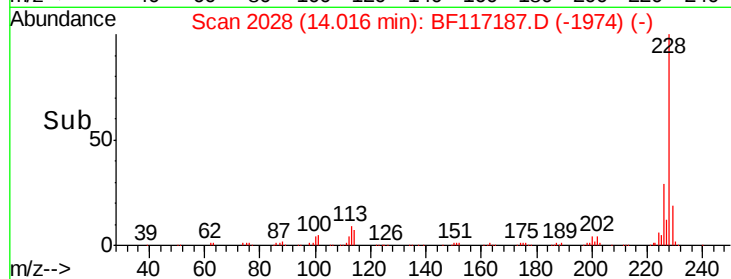
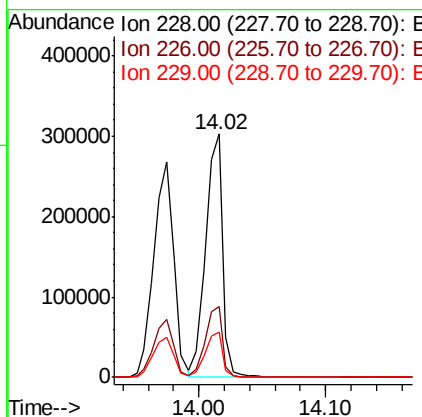
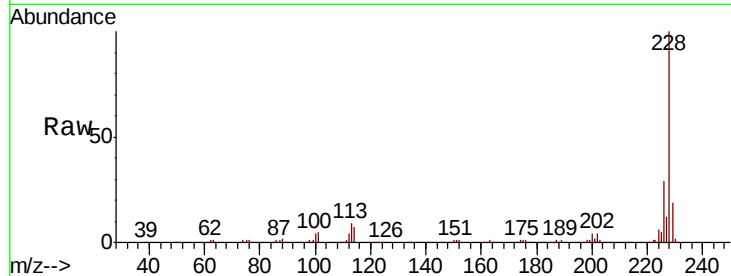
#83
 Chrysene
 Concen: 42.318 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. 0.02 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Instrument :
 BNA_F
 ClientSampleId :
 PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
228	100	285258		
226	29.1		24.8	37.2
229	18.6		15.8	23.8

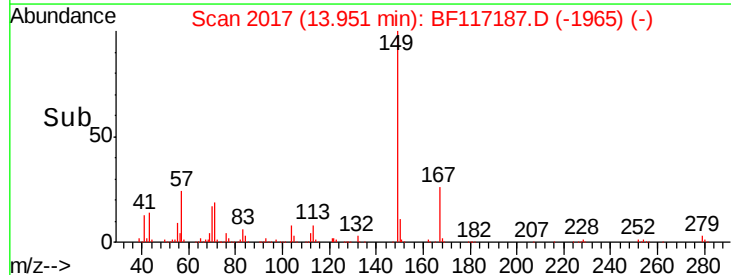
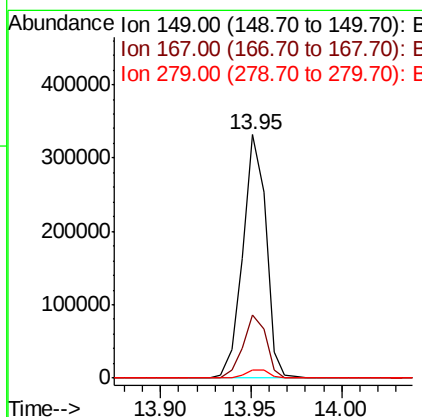
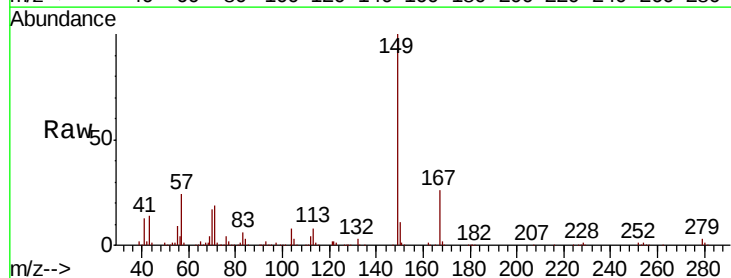
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 55.790 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.01 min
 Lab File: BF117187.D
 Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	295028		
167	26.2		22.2	33.2
279	3.3		2.8	4.2





#85

Di-n-octyl phthalate

Concen: 53.803 ng

RT: 14.57 min Scan# 2122

Delta R.T. 0.01 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Instrument :

BNA_F

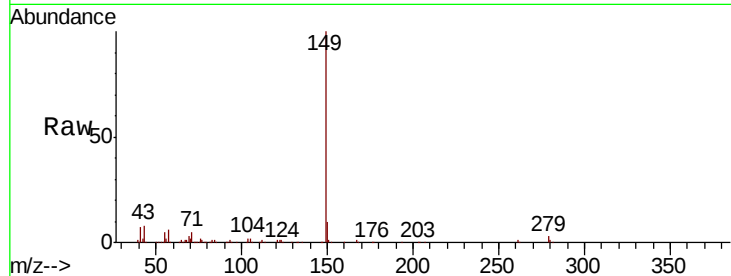
ClientSampleId :

PB123244BSD

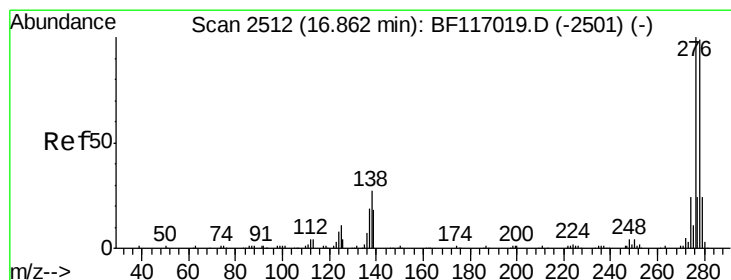
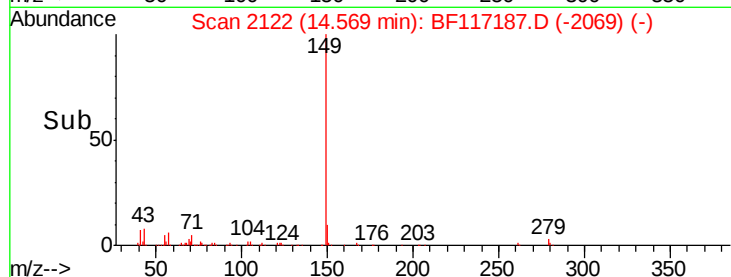
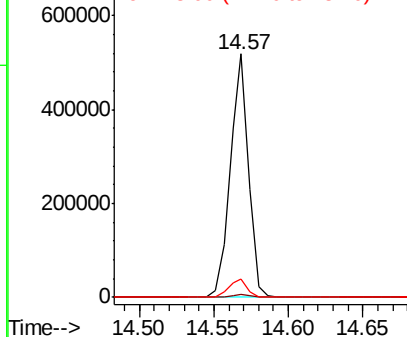
Tot Ion:	149	Resp:	447816
Ion Ratio	Lower	Upper	
149	100		
167	1.4	1.2	1.8
43	7.7	6.2	9.4

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.390 ng

RT: 16.90 min Scan# 2519

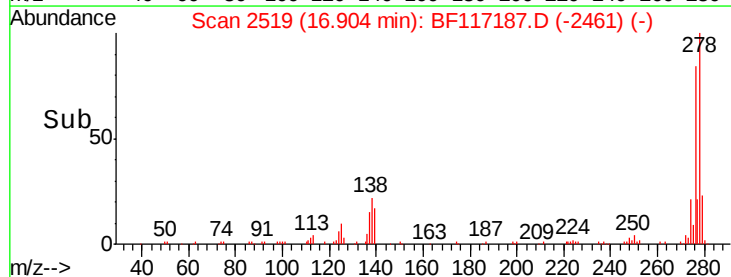
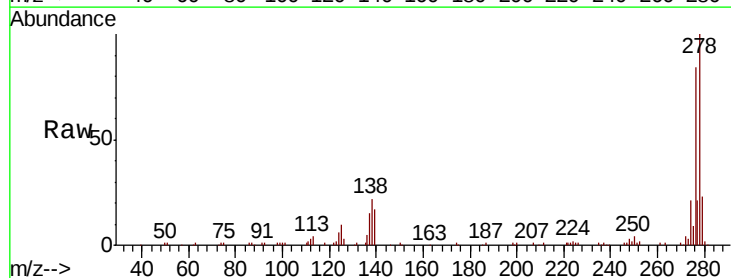
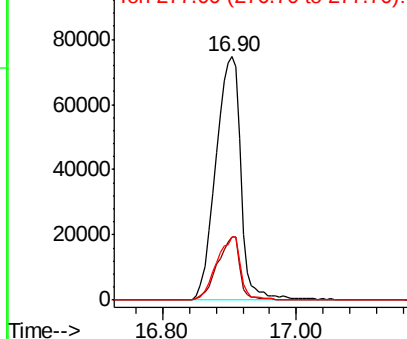
Delta R.T. 0.04 min

Lab File: BF117187.D

Acq: 20 Sep 2019 16:04

Tgt Ion:	276	Resp:	198631
Ion Ratio	Lower	Upper	
276	100		
138	23.1	20.7	31.1
277	25.0	19.8	29.8

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





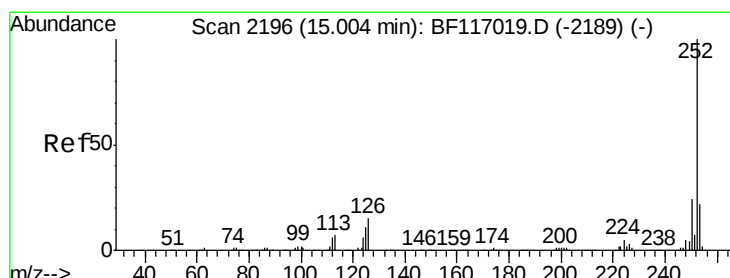
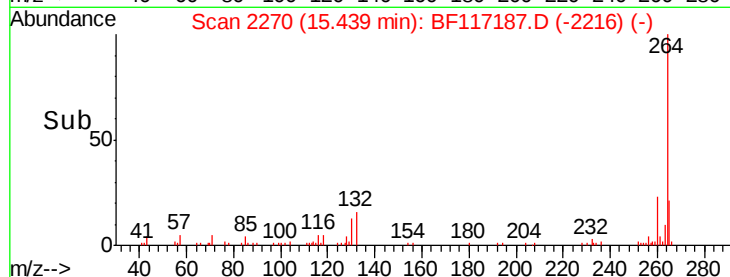
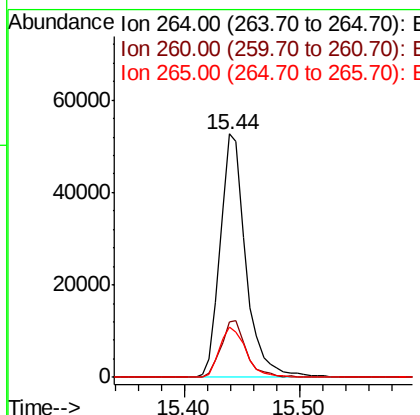
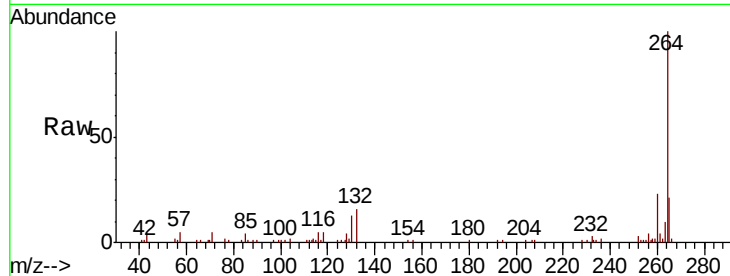
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.02 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.6	26.4
265	20.9	16.6	24.8

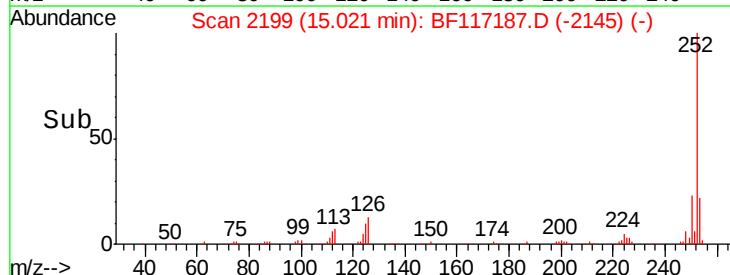
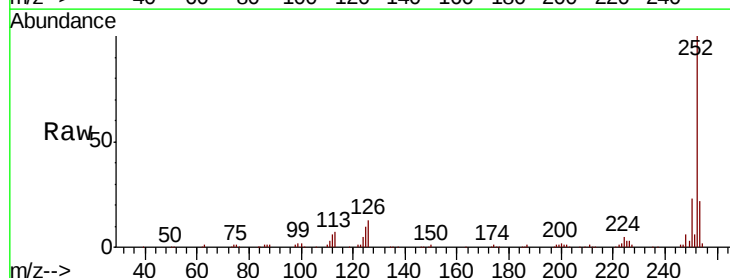
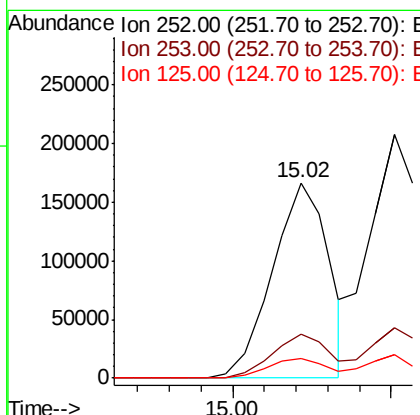
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#88
Benzo(b)fluoranthene
Concen: 42.119 ng
RT: 15.02 min Scan# 2199
Delta R.T. 0.02 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.6	26.4
125	10.3	8.6	12.8





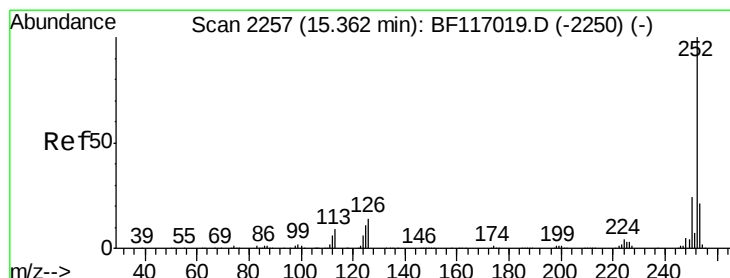
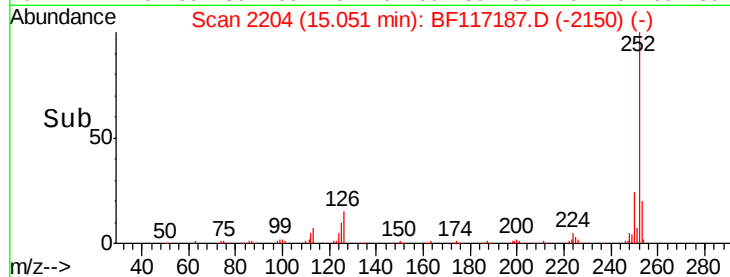
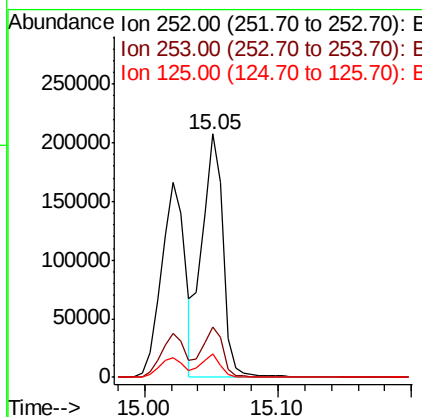
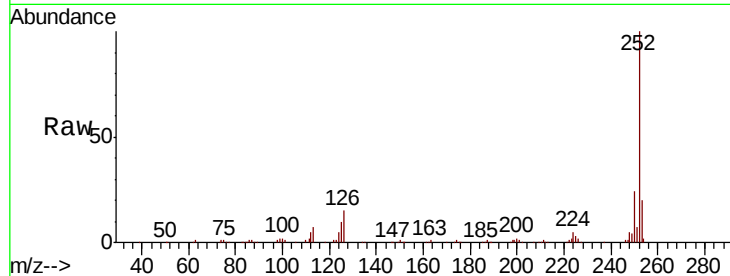
#89
Benzo(k)fluoranthene
Concen: 48.796 ng
RT: 15.05 min Scan# 2204
Delta R.T. 0.02 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	226795		
253	20.5		17.4	26.2
125	9.8		8.8	13.2

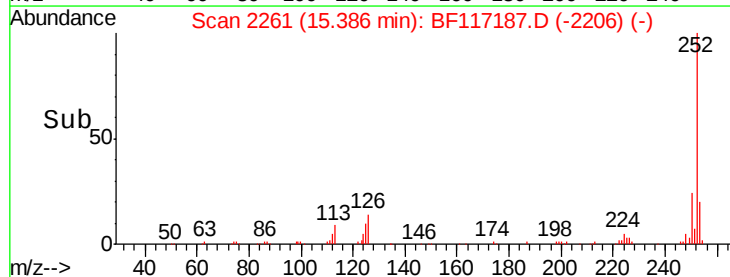
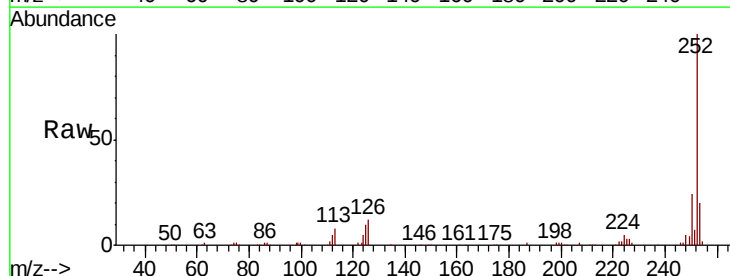
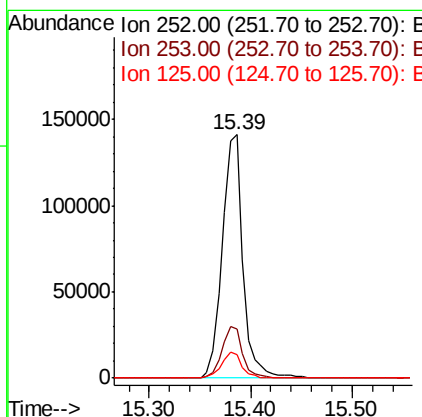
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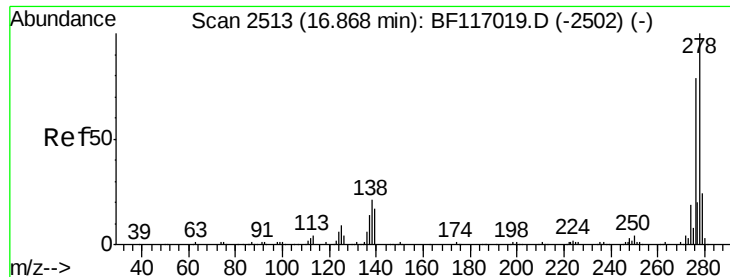
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#90
Benzo(a)pyrene
Concen: 46.525 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.02 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	200316		
253	20.3		16.6	25.0
125	9.6		8.9	13.3





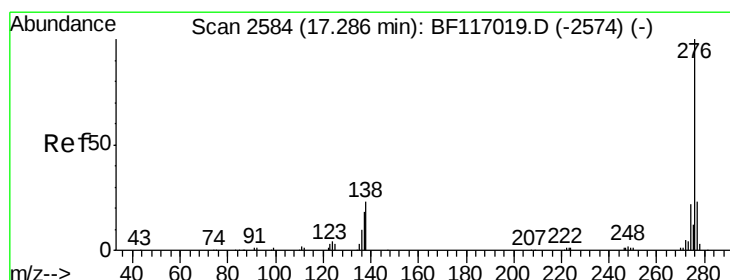
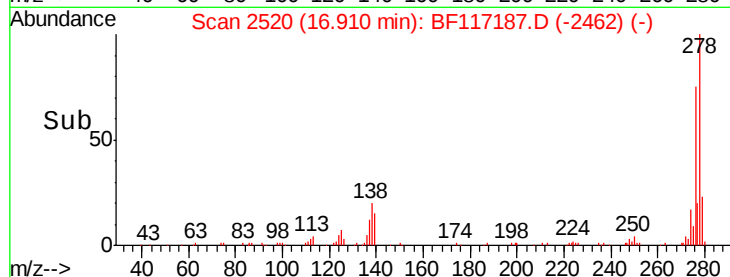
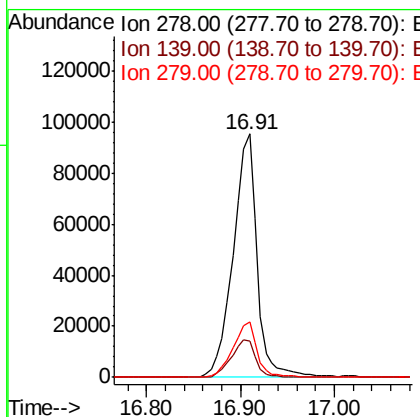
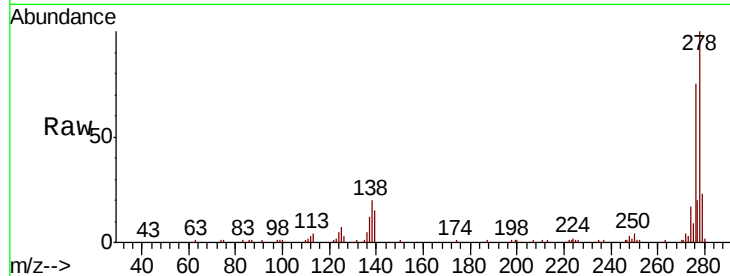
#91
Dibenzo(a,h)anthracene
Concen: 49.267 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.04 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Instrument :
BNA_F
ClientSampleId :
PB123244BSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.5	20.3
279	22.6	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 45.360 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.04 min
Lab File: BF117187.D
Acq: 20 Sep 2019 16:04

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.6	27.8
138	20.8	18.0	27.0

