

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091719\
 Data File : BF117126.D
 Acq On : 17 Sep 2019 23:56
 Operator : HP/JU
 Sample : K4923-06MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMPMS

Manual Integrations
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mohammad
 9/19/2019 4:45:26 PM

Quant Time: Sep 18 05:17:44 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	67272	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	260334	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	138069	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	227954	20.00	ng	0.00
76) Chrysene-d12	13.97	240	165169	20.00	ng	0.00
87) Perylene-d12	15.41	264	154679	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.45	112	389235	90.33	ng	0.01
7) Phenol-d6	6.46	99	537142	96.46	ng	0.00
23) Nitrobenzene-d5	7.39	82	325750	65.75	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	113574	98.42	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	590621	66.89	ng	0.00
79) Terphenyl-d14	12.91	244	611806	69.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	65105	36.109	ng	96
3) Pyridine	3.36	79	153522	31.108	ng	96
4) n-Nitrosodimethylamine	3.30	42	62743	37.047	ng	99
6) Aniline	6.49	93	133876	18.673	ng	93
8) 2-Chlorophenol	6.61	128	191926	41.289	ng	99
9) Benzaldehyde	6.37	77	111982	40.323	ng	94
10) Phenol	6.47	94	247852	40.374	ng	95
11) bis(2-Chloroethyl)ether	6.56	93	174094	38.586	ng	99
12) 1,3-Dichlorobenzene	6.76	146	197925	37.945	ng	99
13) 1,4-Dichlorobenzene	6.84	146	206892	38.866	ng	98
14) 1,2-Dichlorobenzene	6.99	146	195609	39.469	ng	97
15) Benzyl Alcohol	6.97	79	176083	41.234	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	167949	37.677	ng	95
17) 2-Methylphenol	7.08	107	156920	40.279	ng	93
18) Hexachloroethane	7.33	117	79247	38.698	ng	94
19) n-Nitroso-di-n-propylamine	7.23	70	137647	40.593	ng	96
20) 3+4-Methylphenols	7.23	107	198848	40.977	ng	94
22) Acetophenone	7.23	105	286073	43.251	ng	97
24) Nitrobenzene	7.40	77	213828	43.701	ng	97
25) Isophorone	7.65	82	378734	43.172	ng	99
26) 2-Nitrophenol	7.72	139	98121	46.686	ng	99
27) 2,4-Dimethylphenol	7.76	122	165339	49.608	ng	99
28) bis(2-Chloroethoxy)methane	7.85	93	229933	42.541	ng	100
29) 2,4-Dichlorophenol	7.96	162	154451	44.227	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	157245	41.677	ng	99
31) Naphthalene	8.12	128	561613	44.856	ng	99
32) Benzoic acid	7.87	122	48576	23.244	ng	91
33) 4-Chloroaniline	8.17	127	45940	8.273	ng	99
34) Hexachlorobutadiene	8.24	225	89601	41.858	ng	98
35) Caprolactam	8.54	113	50329m	42.578	ng	
36) 4-Chloro-3-methylphenol	8.66	107	186231	45.734	ng	98
37) 2-Methylnaphthalene	8.82	142	375688	44.559	ng	98
38) 1-Methylnaphthalene	8.91	142	360023	45.593	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	148478	41.645	ng	99

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	123288	78.404	ng	100
43) 2,4,6-Trichlorophenol	9.09	196	99976	41.321	ng	98
44) 2,4,5-Trichlorophenol	9.14	196	108286	41.889	ng	99
46) 1,1'-Biphenyl	9.27	154	448484	41.411	ng	98
47) 2-Chloronaphthalene	9.30	162	346682	40.560	ng	98
48) 2-Nitroaniline	9.40	65	114223	41.664	ng	96
49) Acenaphthylene	9.72	152	554993	43.344	ng	100
50) Dimethylphthalate	9.57	163	522455	53.443	ng	99
51) 2,6-Dinitrotoluene	9.64	165	91972	46.193	ng	99
52) Acenaphthene	9.89	154	316554	41.706	ng	99
53) 3-Nitroaniline	9.81	138	47026	18.720	ng	88
54) 2,4-Dinitrophenol	9.92	184	47895	58.493	ng	94
55) Dibenzofuran	10.06	168	491575	43.895	ng	97
56) 4-Nitrophenol	9.98	139	123401	75.793	ng	97
57) 2,4-Dinitrotoluene	10.05	165	123915	47.945	ng	98
58) Fluorene	10.40	166	397041	44.013	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	84094	42.510	ng	98
60) Diethylphthalate	10.27	149	418690	43.533	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	169416	43.406	ng	95
62) 4-Nitroaniline	10.42	138	107259	41.056	ng	97
63) Azobenzene	10.55	77	426577	43.426	ng	97
65) 4,6-Dinitro-2-methylphenol	10.46	198	41520	41.129	ng	98
66) n-Nitrosodiphenylamine	10.51	169	353704	44.929	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	99019	42.535	ng	93
68) Hexachlorobenzene	10.95	284	105182	41.309	ng	94
69) Atrazine	11.03	200	98352	52.515	ng	98
70) Pentachlorophenol	11.15	266	85862	71.939	ng	99
71) Phenanthrene	11.36	178	570923	44.095	ng	99
72) Anthracene	11.41	178	604227	45.710	ng	99
73) Carbazole	11.56	167	564597	44.998	ng	100
74) Di-n-butylphthalate	11.89	149	682243	45.701	ng	99
75) Fluoranthene	12.55	202	586740	44.103	ng	99
77) Benzidine	12.66	184	190541	35.812	ng	98
78) Pyrene	12.77	202	605120	43.663	ng	100
80) Butylbenzylphthalate	13.38	149	289021	44.135	ng	98
81) Benzo(a)anthracene	13.96	228	474713	43.018	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	77877	21.900	ng	95
83) Chrysene	14.00	228	458405	42.592	ng	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	395026	46.785	ng	98
85) Di-n-octyl phthalate	14.54	149	649234	48.854	ng	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	383457	48.835	ng	99
88) Benzo(b)fluoranthene	15.00	252	390389	41.666	ng	98
89) Benzo(k)fluoranthene	15.03	252	376313	42.399	ng	98
90) Benzo(a)pyrene	15.36	252	367236	44.666	ng	98
91) Dibenzo(a,h)anthracene	16.86	278	319998	48.856	ng	99
92) Benzo(g,h,i)perylene	17.29	276	314407	48.171	ng	99

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

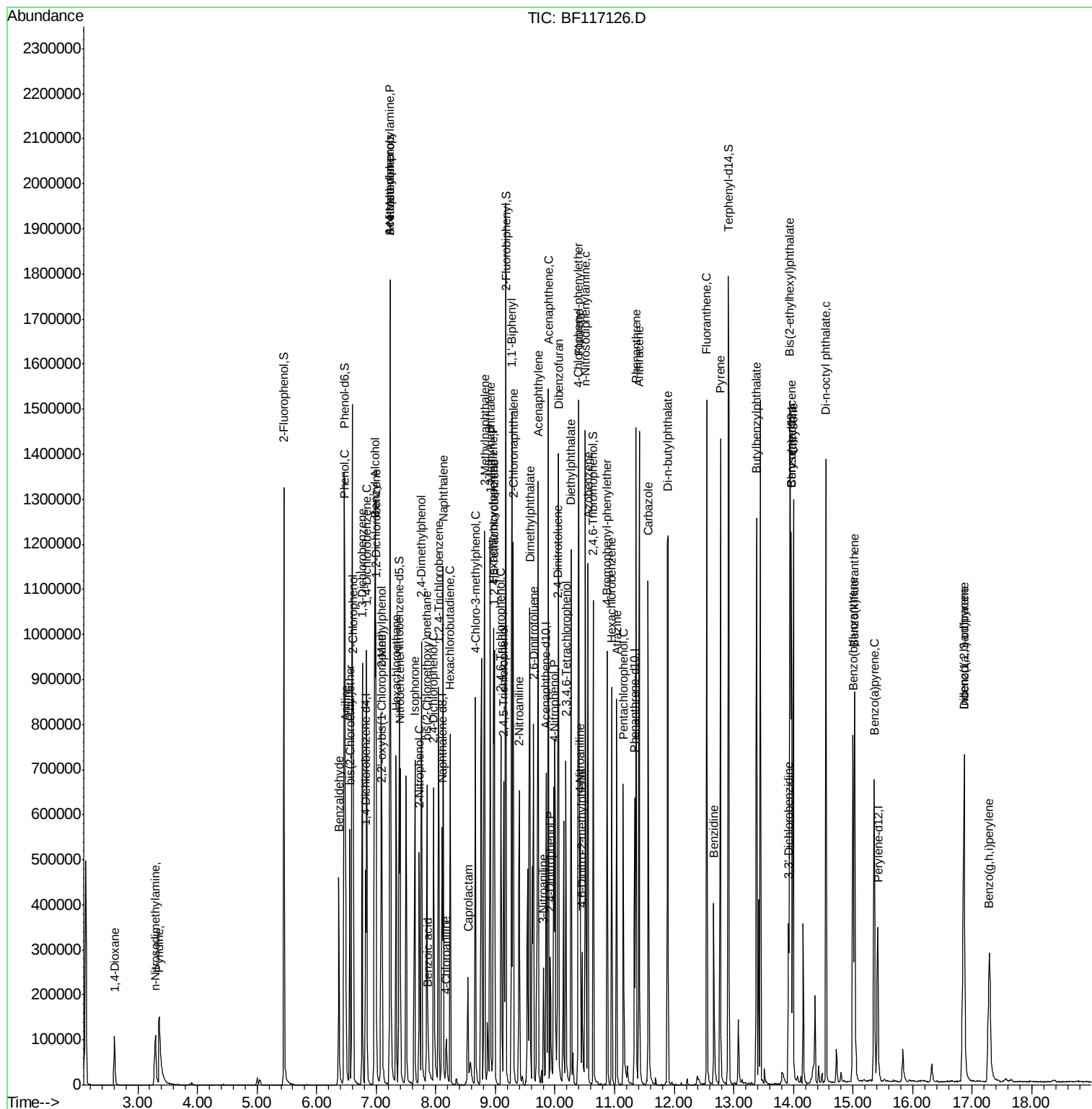
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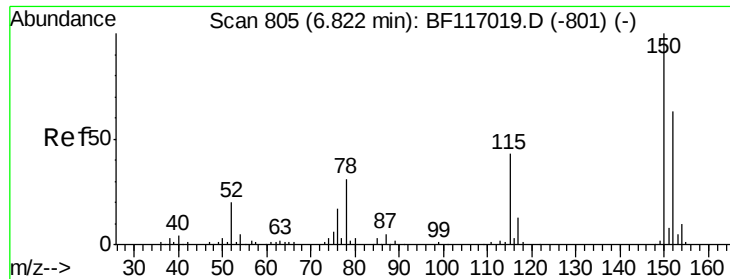
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#1

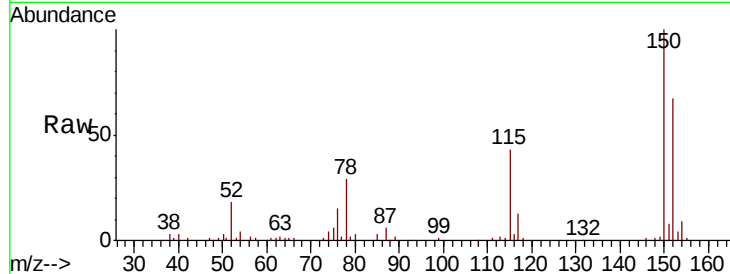
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	127.5	191.3
115	63.8	55.0	82.4

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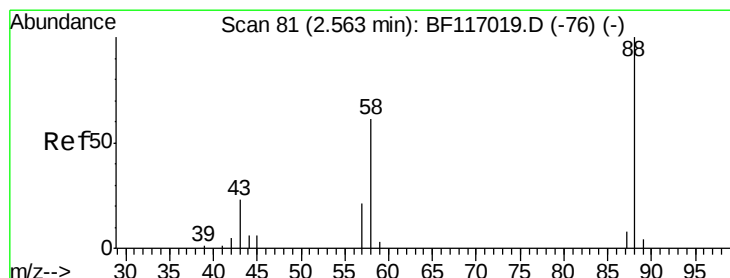
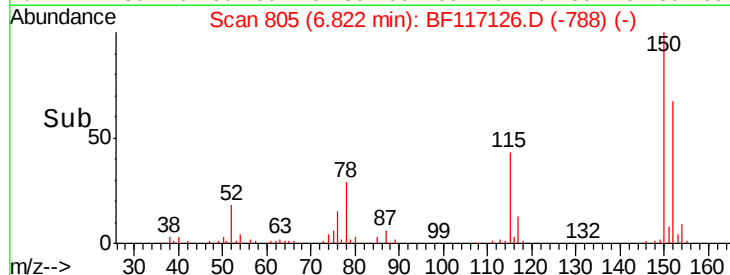
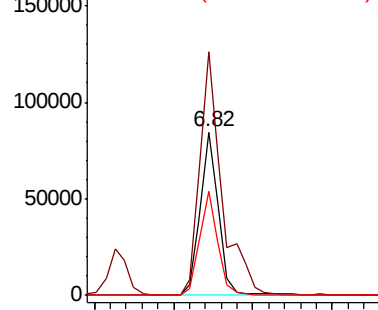


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

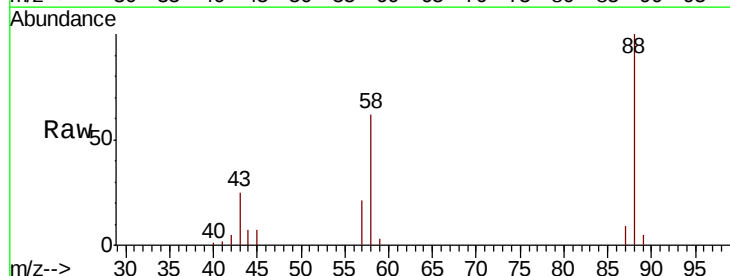
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.109 ng
RT: 2.60 min Scan# 88
Delta R.T. 0.04 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.1	49.3	73.9
43	27.5	18.8	28.2

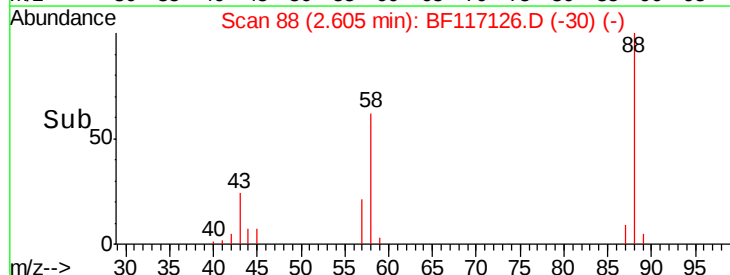
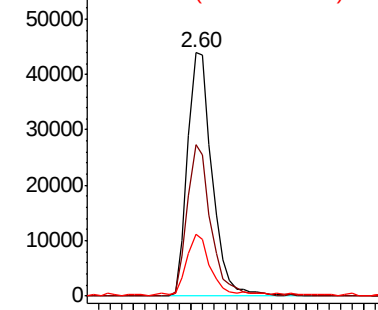


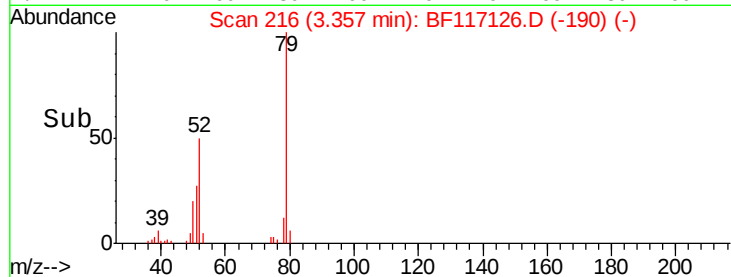
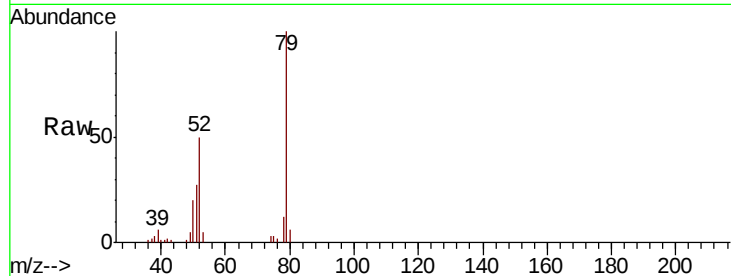
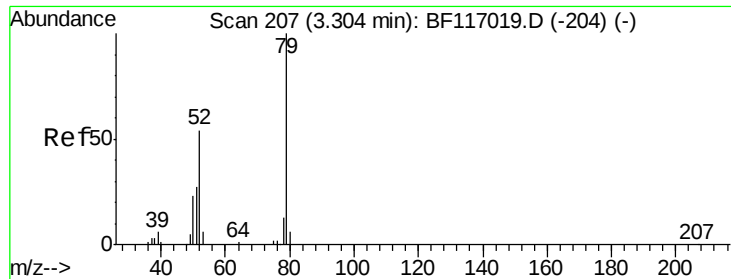
Abundance

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





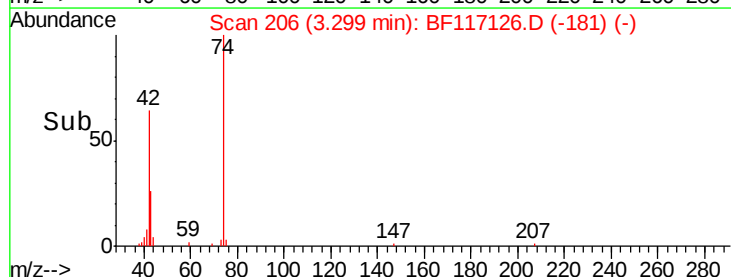
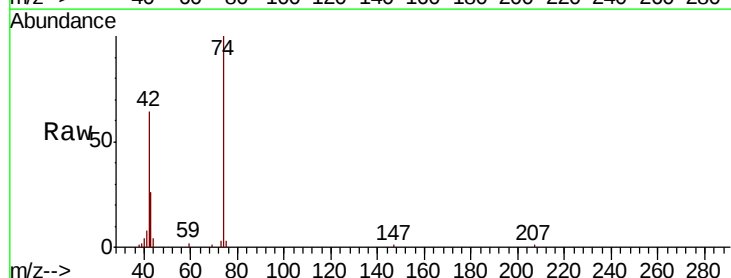
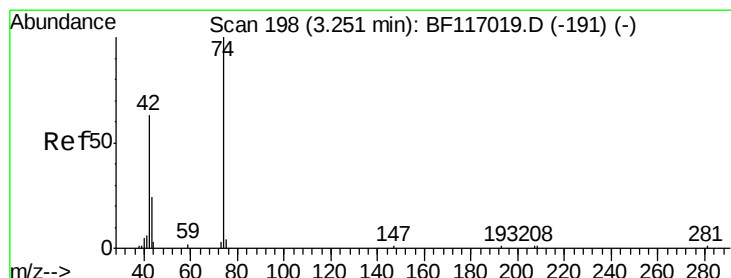
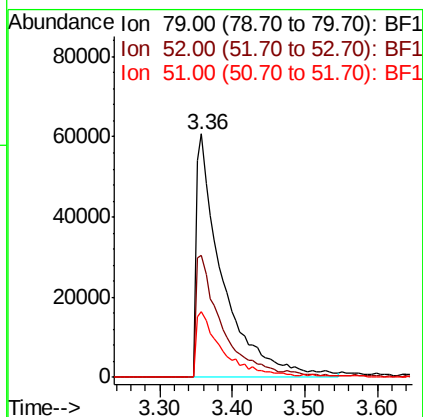
#3
Pvridine
Concen: 31.108 ng
RT: 3.36 min Scan# 216
Delta R.T. 0.05 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tot Ion	Ratio	Resp	Lower	Upper
79	100	153522		
52	50.2		43.5	65.3
51	27.1		21.8	32.6

Instrument :
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SB-47-COMPMS

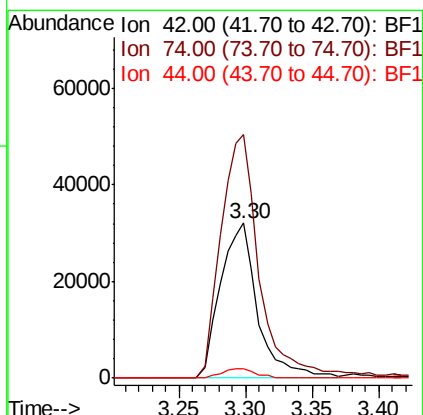
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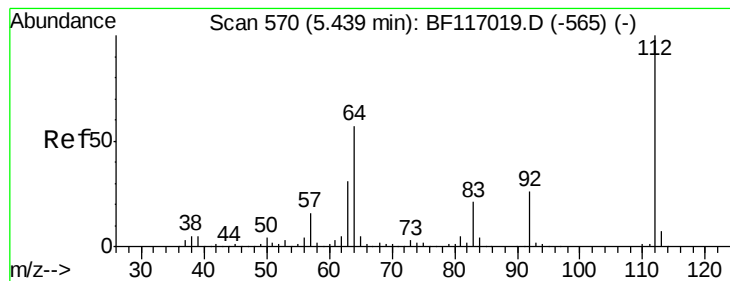
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#4
n-Nitrosodimethylamine
Concen: 37.047 ng
RT: 3.30 min Scan# 206
Delta R.T. 0.05 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	62743		
74	157.0		127.1	190.7
44	5.8		4.3	6.5





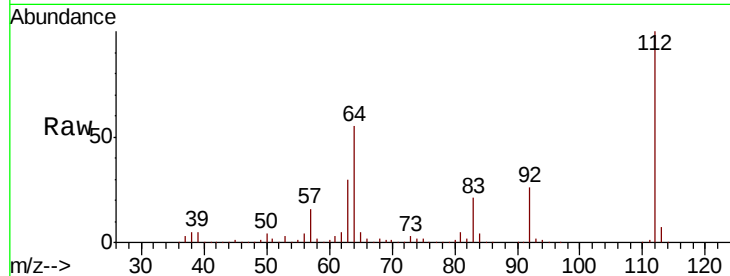
#5
2-Fluorophenol
Concen: 90.334 ng
RT: 5.45 min Scan# 572
Delta R.T. 0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
112	100	389235		
64	55.4	45.7	68.5	
63	29.8	24.9	37.3	

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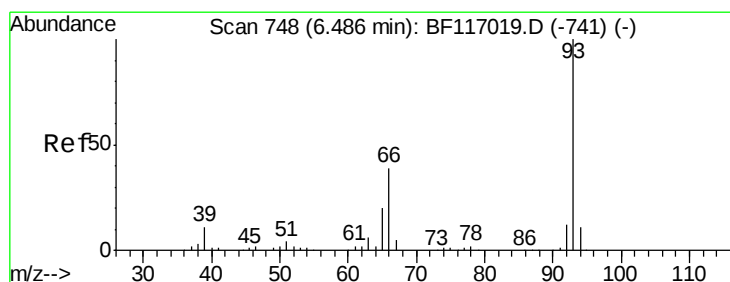
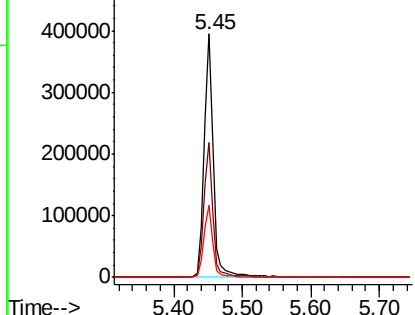
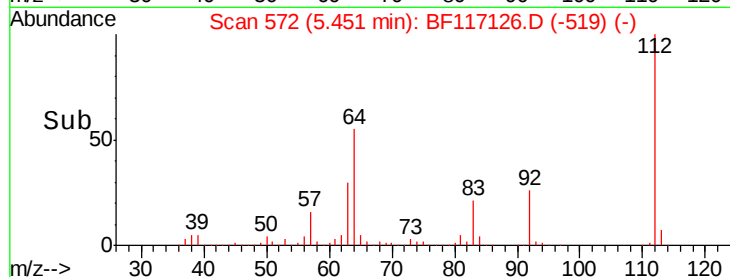


Abundance

Ion 112.00 (111.70 to 112.70): BF1

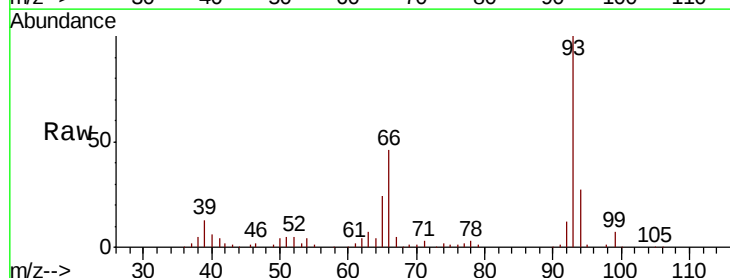
Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6
Aniline
Concen: 18.673 ng
RT: 6.49 min Scan# 748
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	133876		
66	45.8	32.6	49.0	
65	23.6	16.7	25.1	

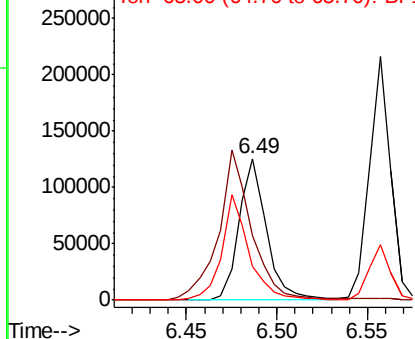
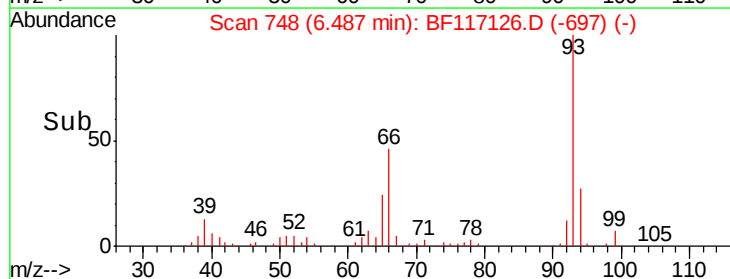


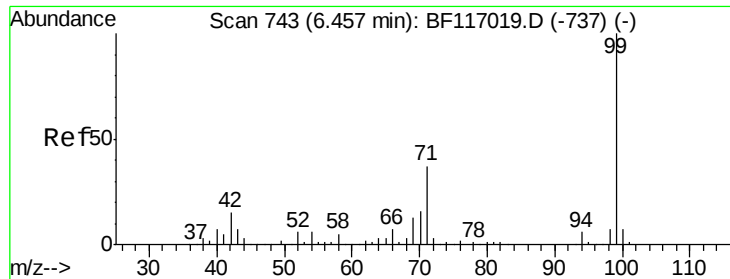
Abundance

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: 96.459 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

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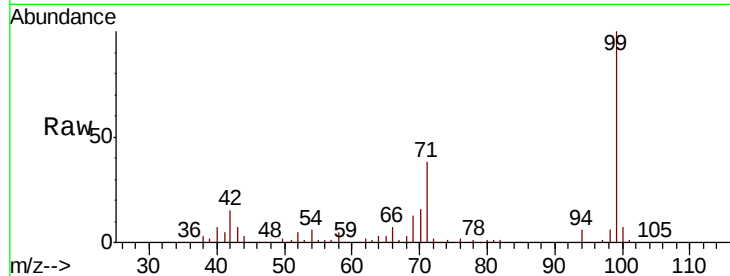
ClientSampleId :

SB-47-COMPMS

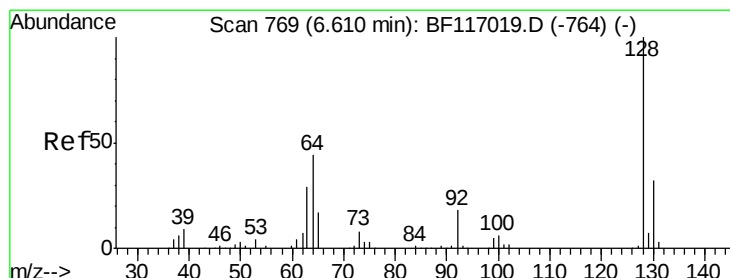
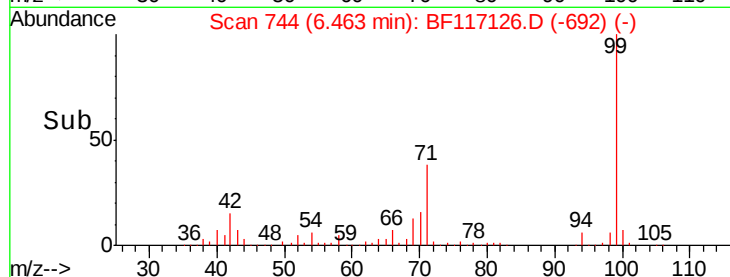
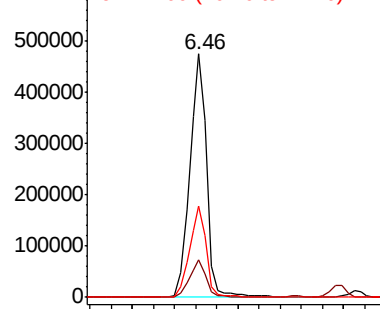
Tot Ion:	99	Resp:	537142
Ion Ratio	Lower	Upper	
99	100		
42	15.4	12.2	18.2
71	37.8	29.8	44.8

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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: 41.289 ng

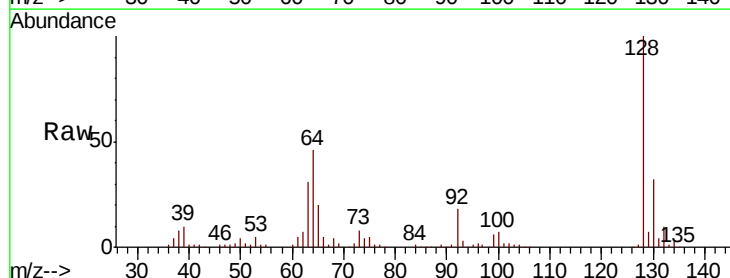
RT: 6.61 min Scan# 769

Delta R.T. 0.00 min

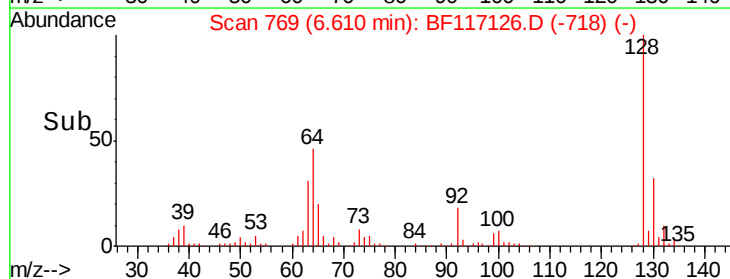
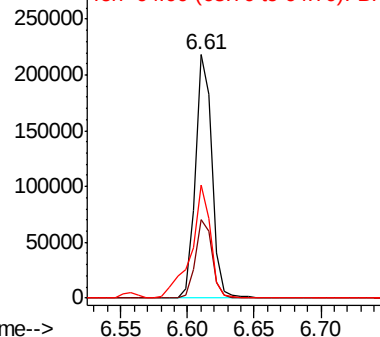
Lab File: BF117126.D

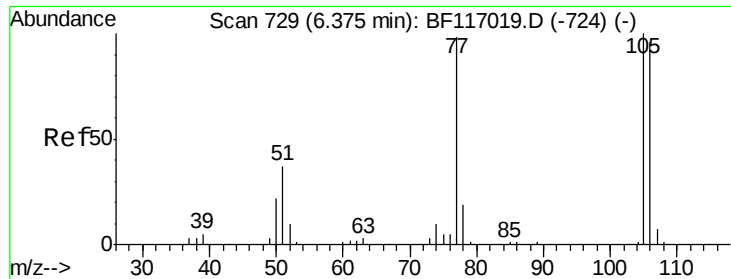
Acq: 17 Sep 2019 23:56

Tgt Ion:	128	Resp:	191926
Ion Ratio	Lower	Upper	
128	100		
130	32.0	11.8	51.8
64	46.2	25.0	65.0



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





#9

Benzaldehyde

Concen: 40.323 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SB-47-COMPMS

Tot Ion: 77 Resp: 111982

Ion Ratio Lower Upper

77 100

105 94.2 81.8 121.8

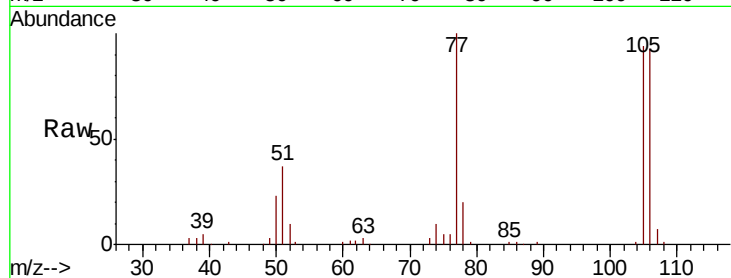
106 93.3 77.3 117.3

Manual Integrations

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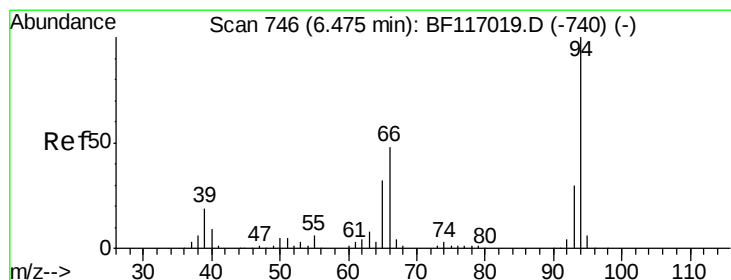
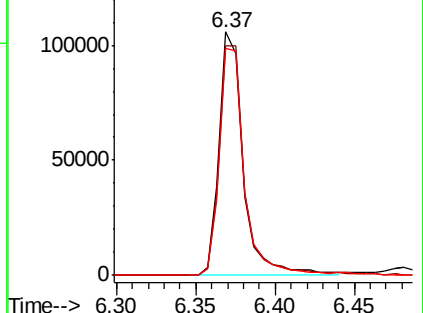
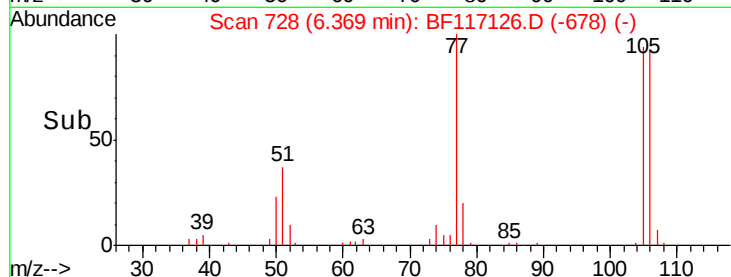
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Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.374 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

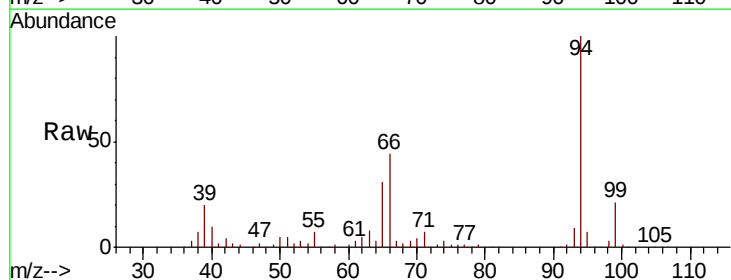
Tgt Ion: 94 Resp: 247852

Ion Ratio Lower Upper

94 100

65 31.0 12.5 52.5

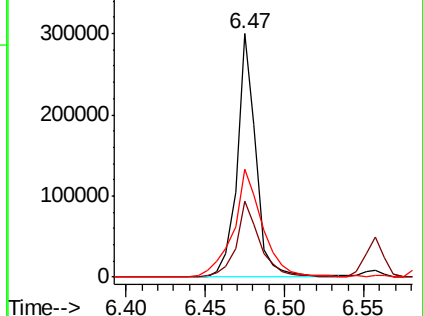
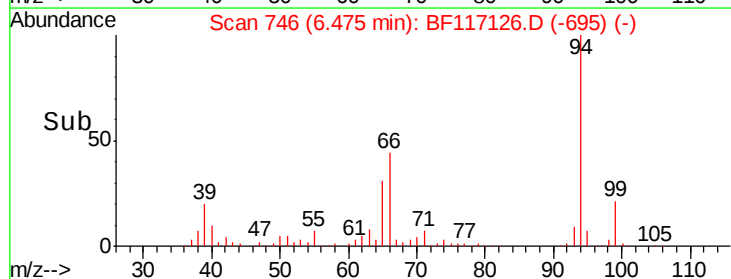
66 44.4 28.9 68.9



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





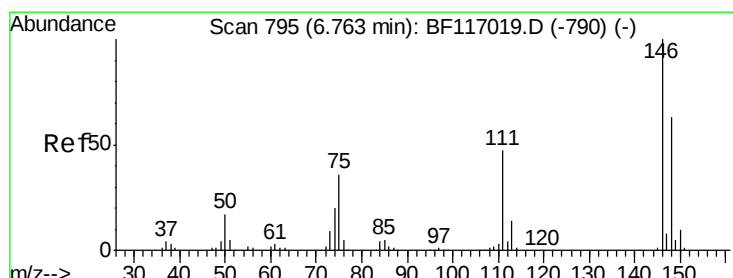
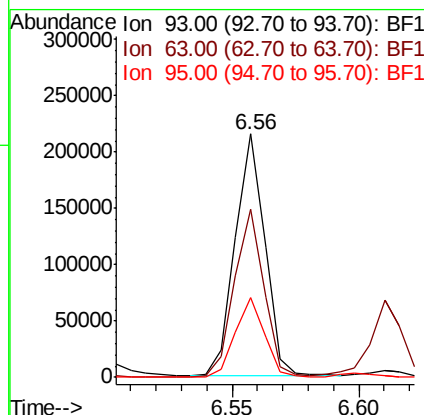
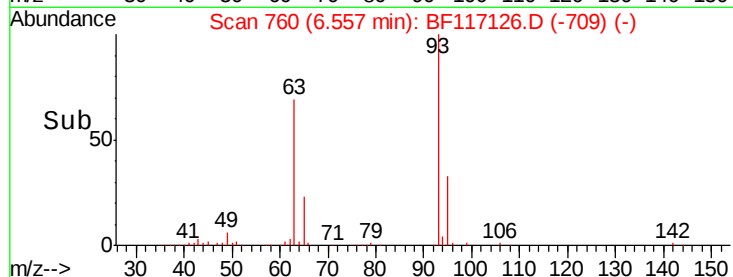
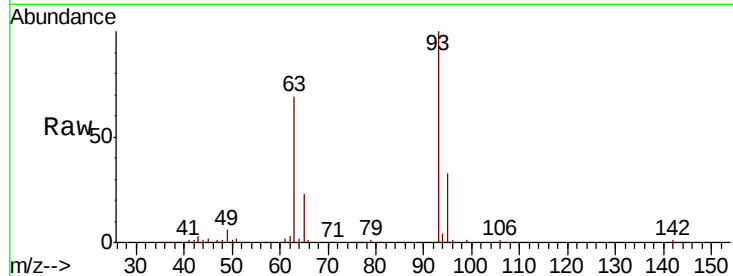
#11
bis(2-Chloroethyl)ether
Concen: 38.586 ng
RT: 6.56 min Scan# 760
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion:	93	Resp:	174094
Ion	Ratio	Lower	Upper
93	100		
63	69.2	49.3	89.3
95	32.6	11.5	51.5

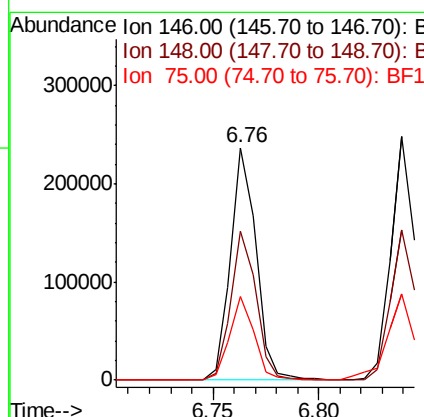
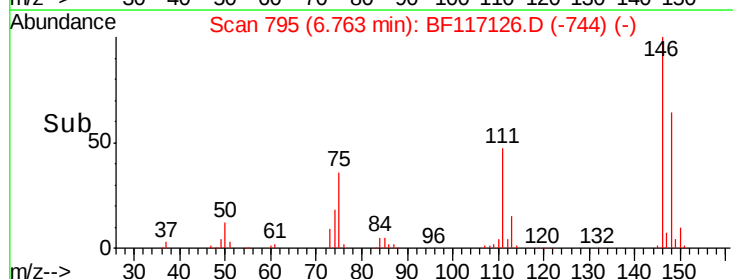
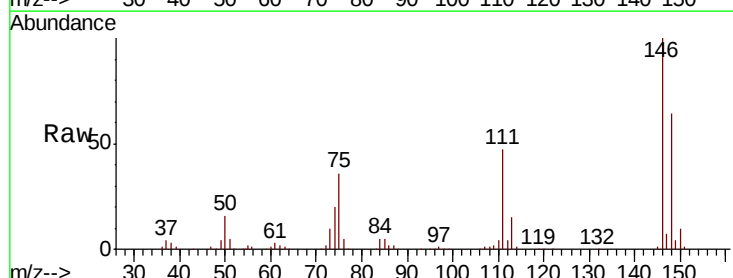
Manual Integrations
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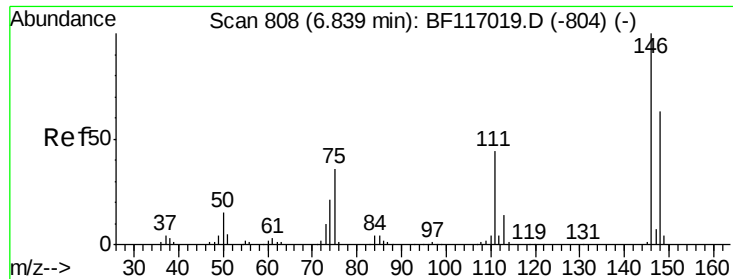
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#12
1,3-Dichlorobenzene
Concen: 37.945 ng
RT: 6.76 min Scan# 795
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion:	146	Resp:	197925
Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.8	76.2
75	36.2	28.7	43.1





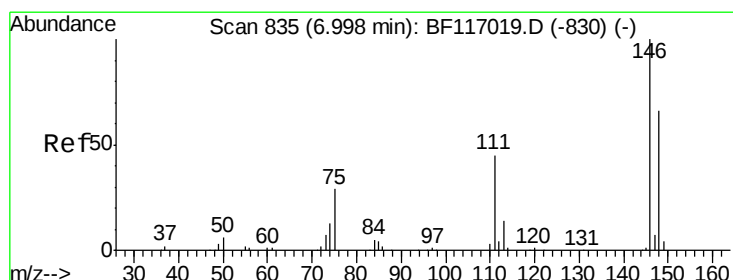
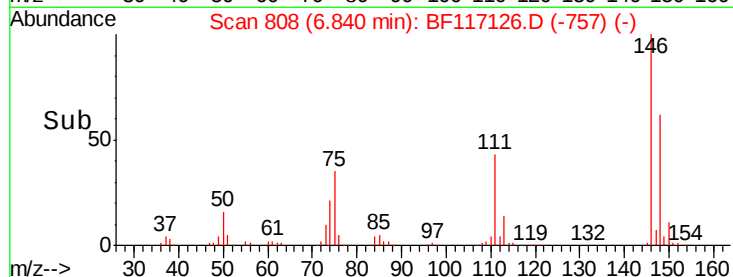
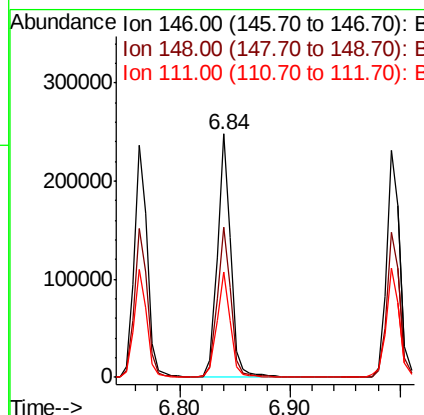
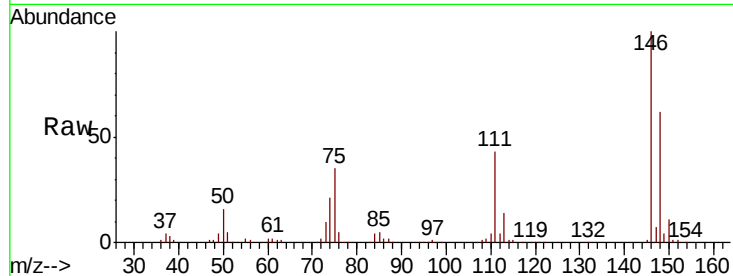
#13
1,4-Dichlorobenzene
Concen: 38.866 ng
RT: 6.84 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.7	50.6	76.0
111	43.2	35.0	52.6

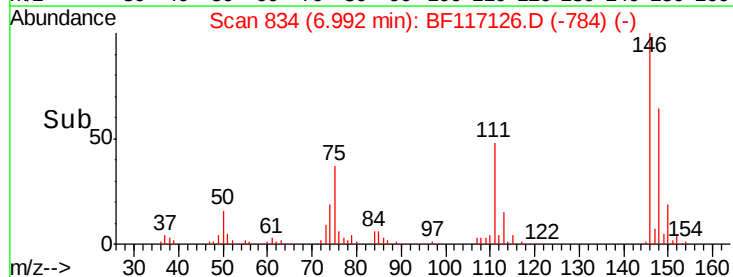
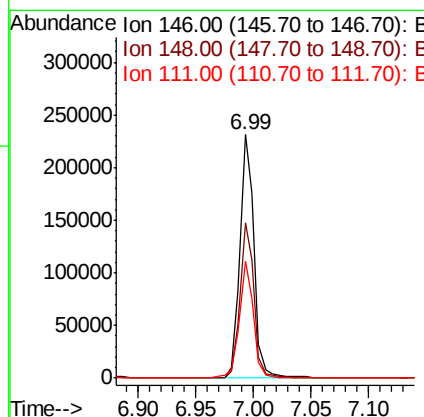
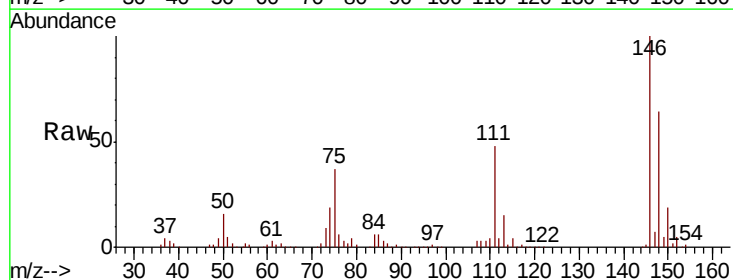
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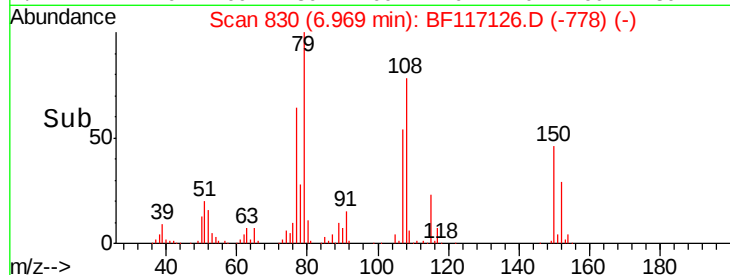
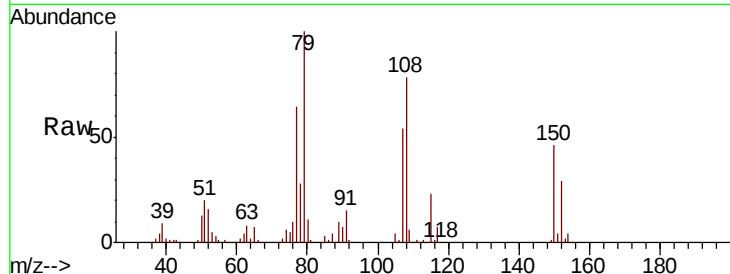
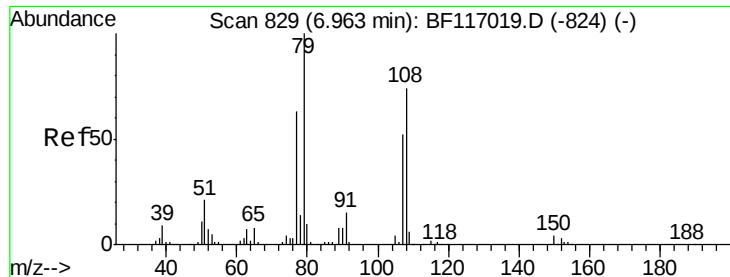
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#14
1,2-Dichlorobenzene
Concen: 39.469 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.6	78.8
111	47.9	36.2	54.2





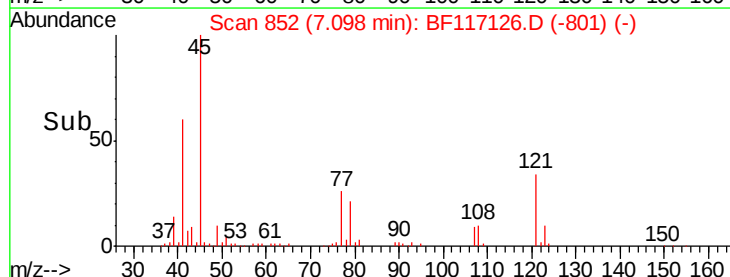
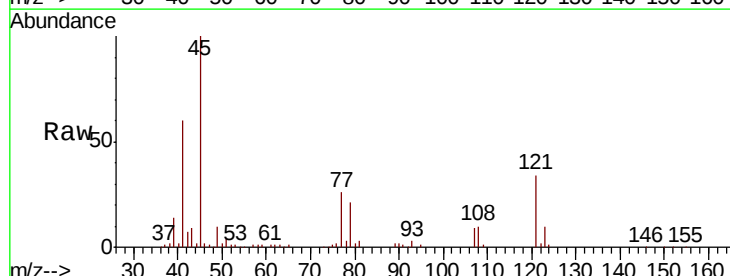
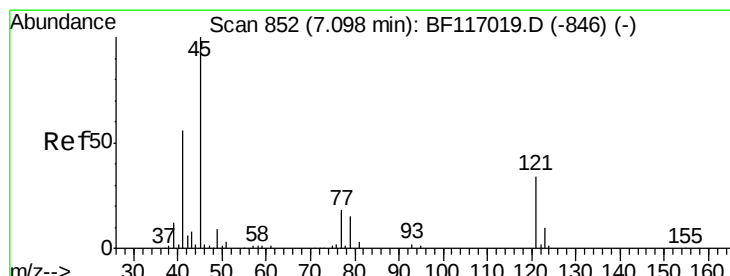
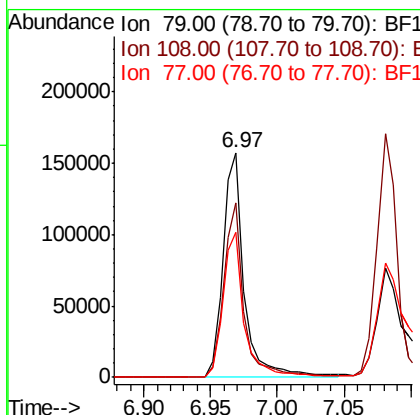
#15
Benzyl Alcohol
Concen: 41.234 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tot Ion	Ratio	Lower	Upper
79	100		
108	77.6	59.4	89.0
77	64.3	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

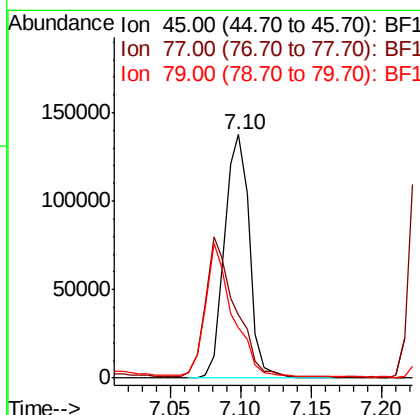
Manual Integrations
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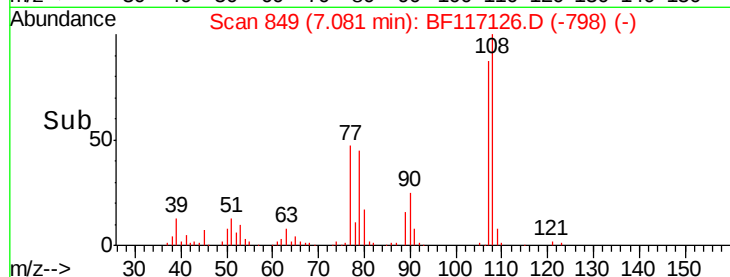
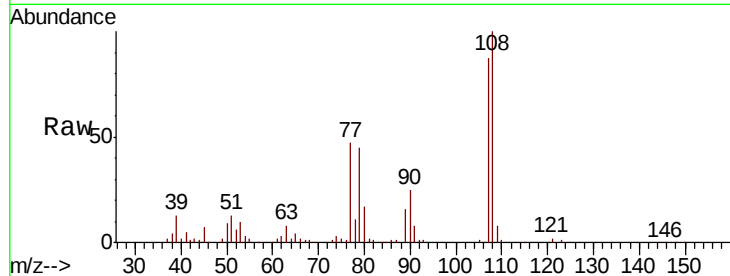
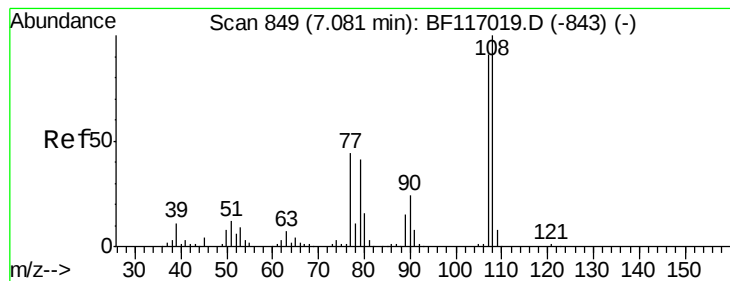
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.677 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
45	100		
77	25.8	2.7	42.7
79	20.9	0.0	38.9





#17

2-Methylphenol

Concen: 40.279 ng

RT: 7.08 min Scan# 849

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Tot Ion	107	Resp	156920
Ion Ratio	Lower	Upper	
107	100		
108	115.1	87.7	131.5
77	54.1	38.6	58.0
79	51.6	36.8	55.2

Instrument :

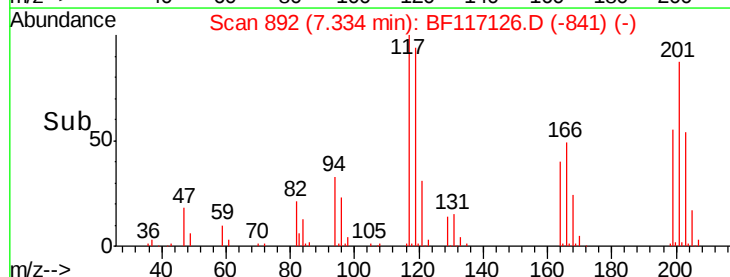
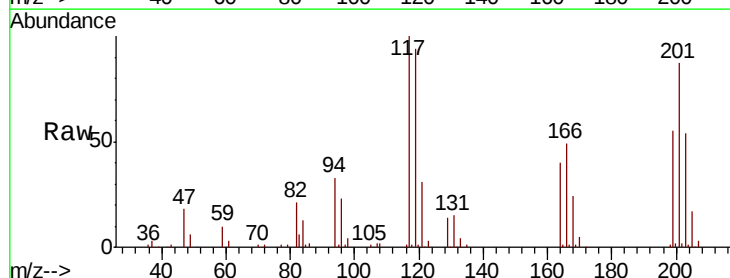
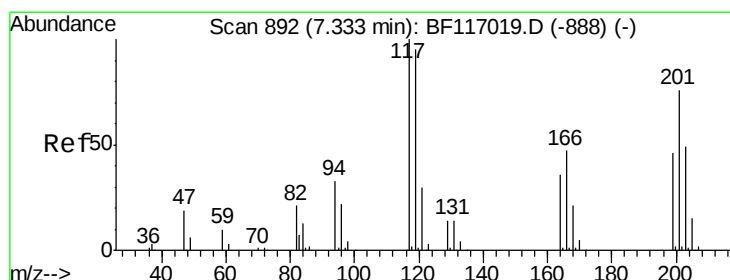
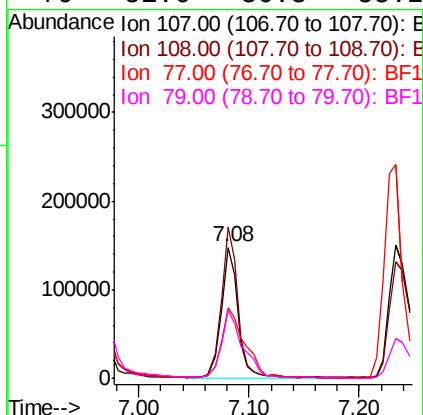
BNA_F

ClientSampleId :

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#18

Hexachloroethane

Concen: 38.698 ng

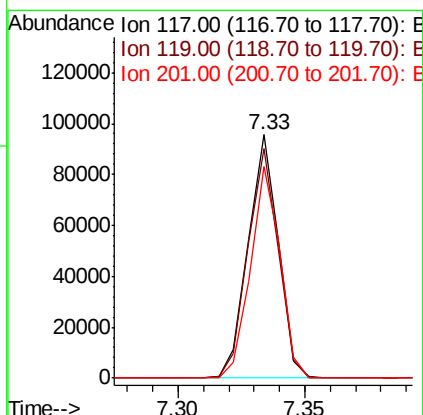
RT: 7.33 min Scan# 892

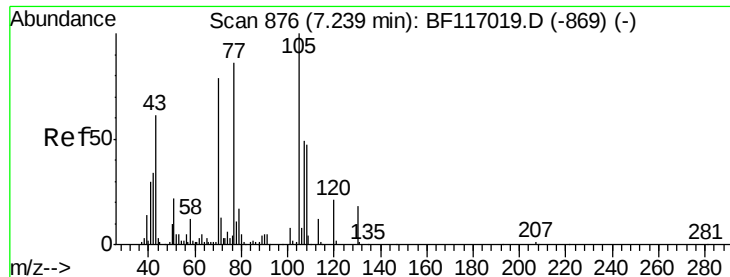
Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Tgt Ion	117	Resp	79247
Ion Ratio	Lower	Upper	
117	100		
119	94.0	75.8	113.8
201	87.0	60.9	91.3





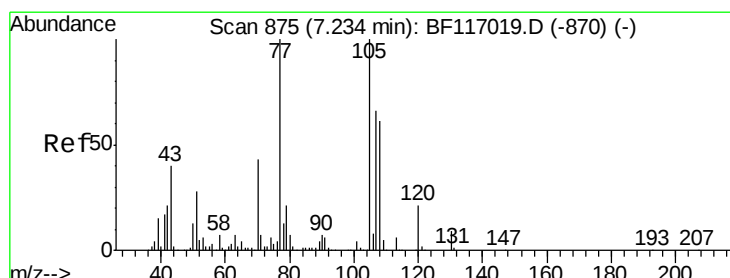
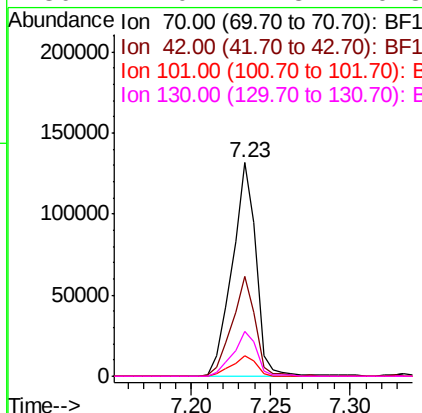
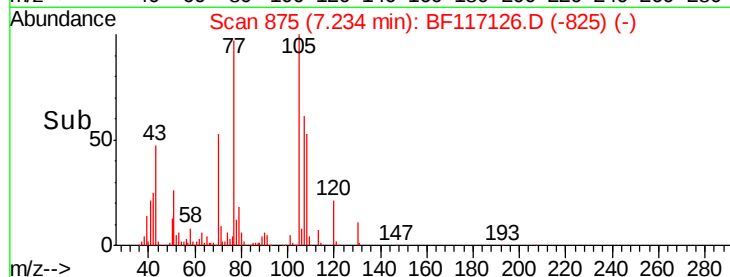
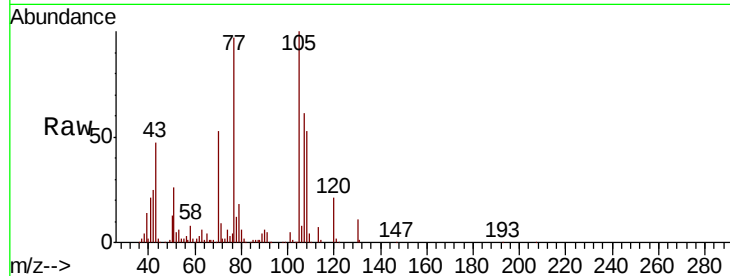
#19
n-Nitroso-di-n-propylamine
Concen: 40.593 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	46.5	34.0	51.0	
101	9.7	7.8	11.6	
130	21.0	17.8	26.8	

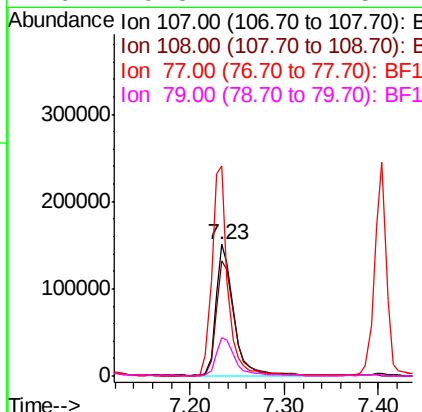
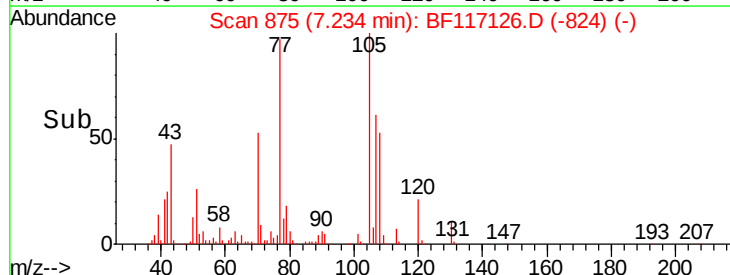
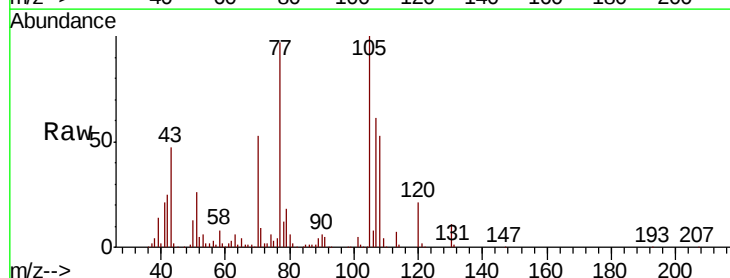
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#20
3+4-Methylphenols
Concen: 40.977 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.6	72.6	112.6	
77	160.0	132.1	172.1	
79	29.3	12.1	52.1	





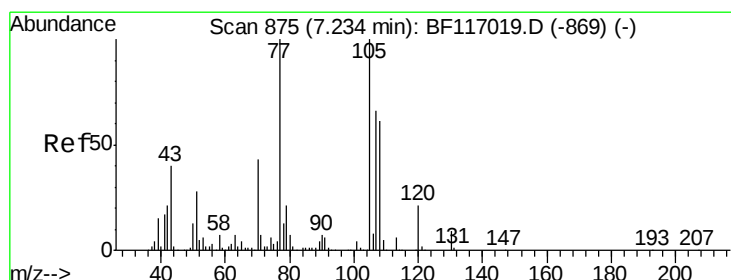
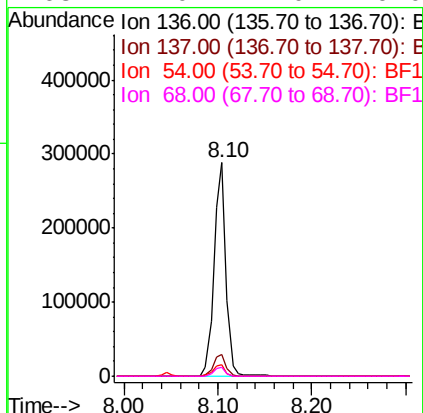
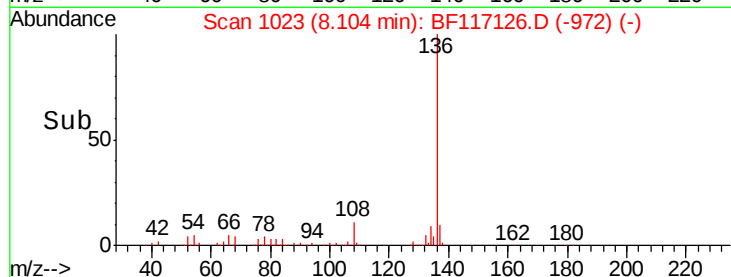
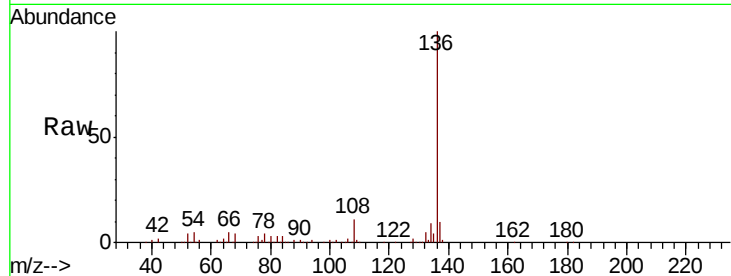
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.10 min Scan# 1023
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		260334		
137	10.4		9.0	13.4	
54	5.2		4.5	6.7	
68	4.0		4.0	6.0	

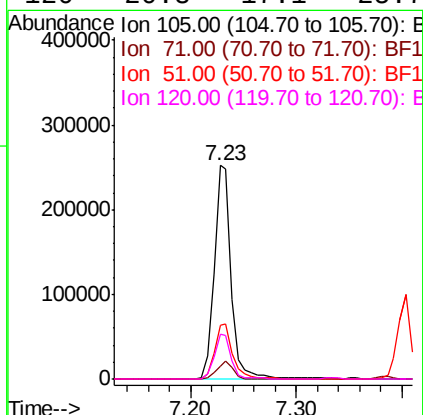
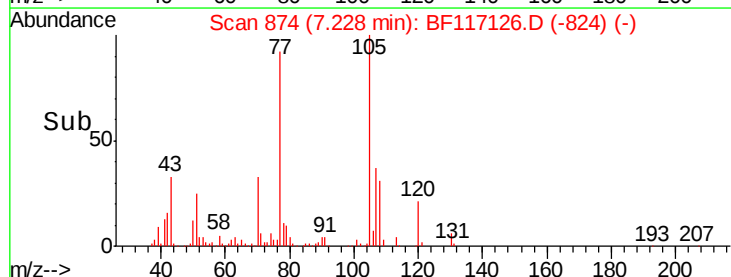
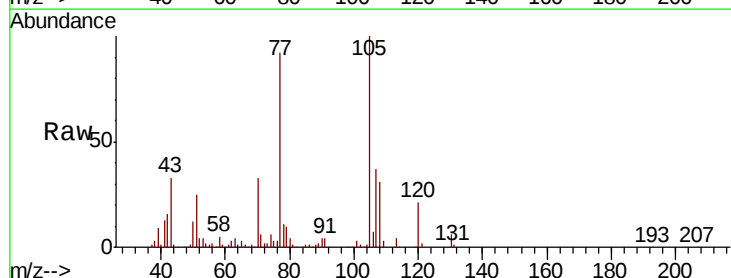
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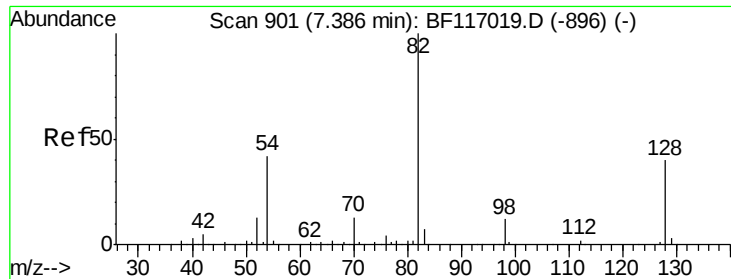
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#22
Acetophenone
Concen: 43.251 ng
RT: 7.23 min Scan# 874
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		286073		
71	5.7		5.7	8.5	
51	25.3		22.1	33.1	
120	20.8		17.1	25.7	





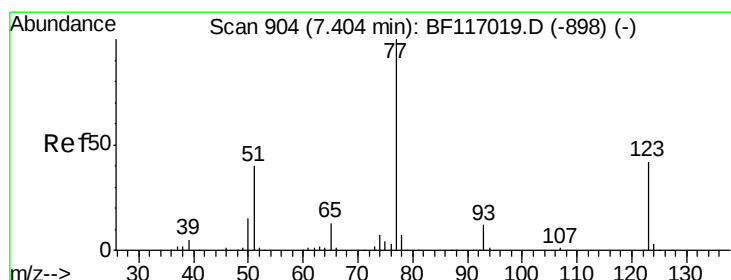
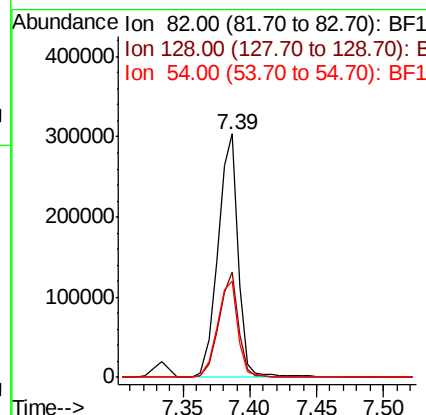
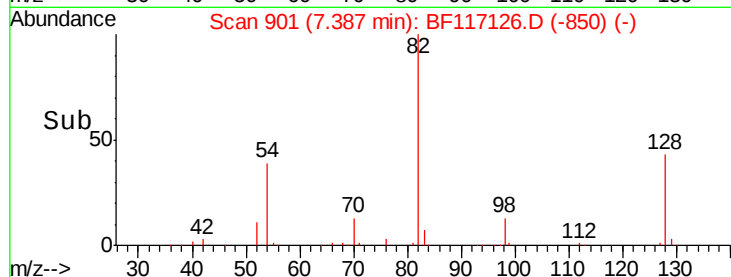
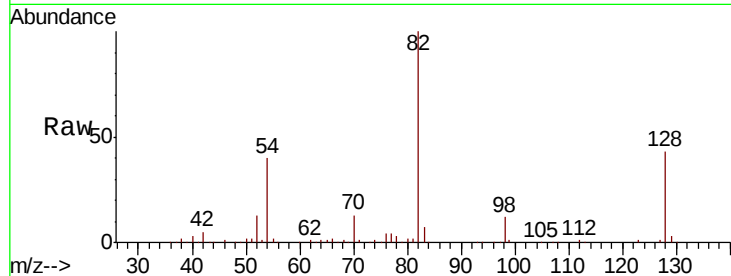
#23
Nitrobenzene-d5
Concen: 65.745 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	325750		
128	43.3		32.3	48.5
54	39.8		33.3	49.9

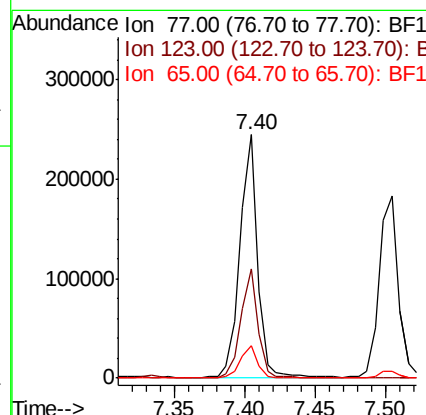
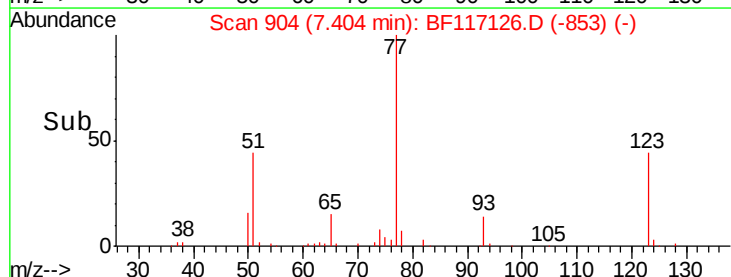
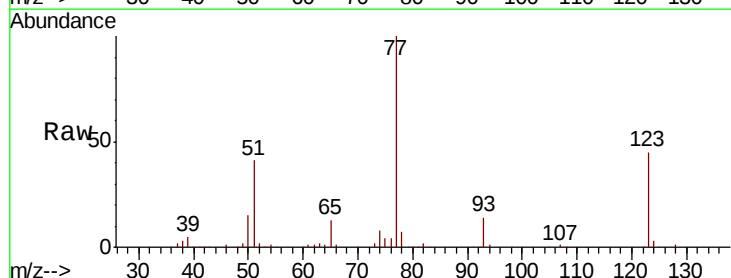
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#24
Nitrobenzene
Concen: 43.701 ng
RT: 7.40 min Scan# 904
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	213828		
123	44.7		33.5	50.3
65	13.2		10.5	15.7





#25

Isophorone

Concen: 43.172 ng

RT: 7.65 min Scan# 945

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

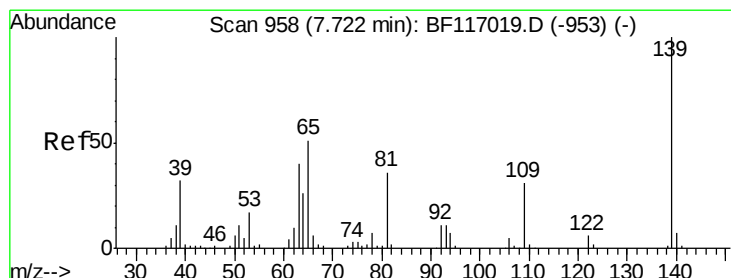
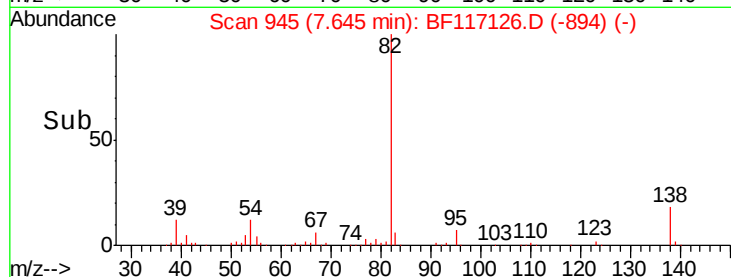
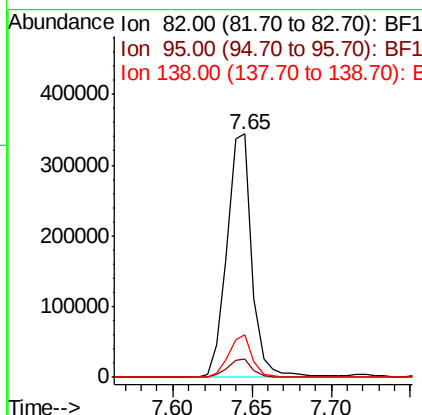
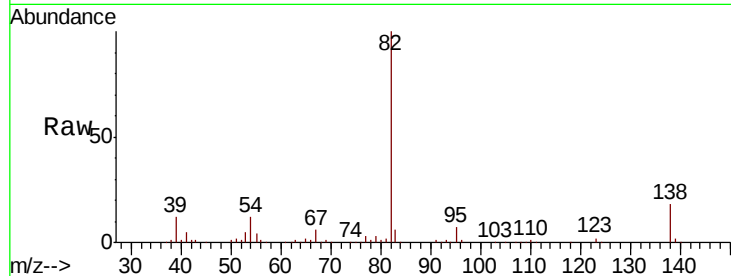
ClientSampleId :

SB-47-COMPMS

Tot Ion:	82	Resp:	378734
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.8	8.6
138	17.7	13.5	20.3

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#26

2-Nitrophenol

Concen: 46.686 ng

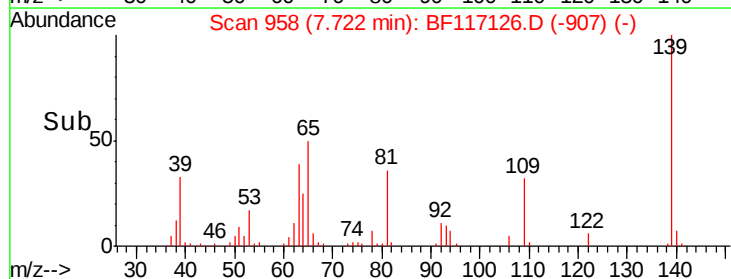
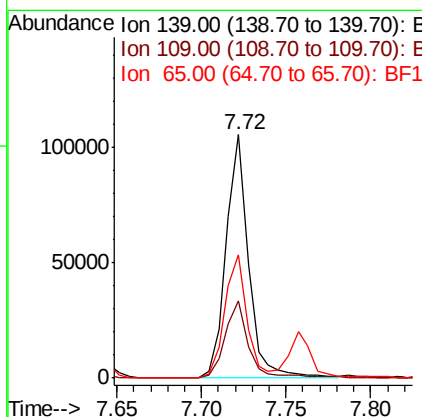
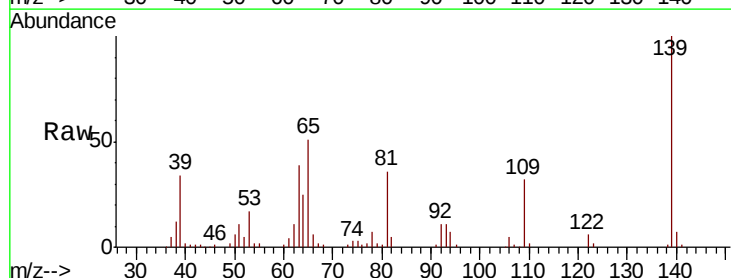
RT: 7.72 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Tgt Ion:	139	Resp:	98121
Ion Ratio	Lower	Upper	
139	100		
109	32.0	24.6	36.8
65	50.9	40.9	61.3





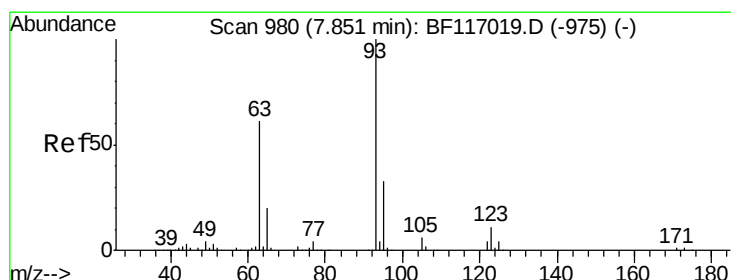
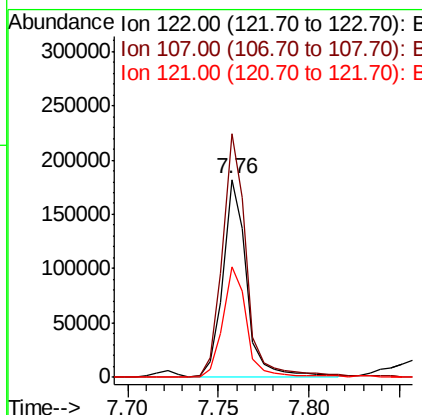
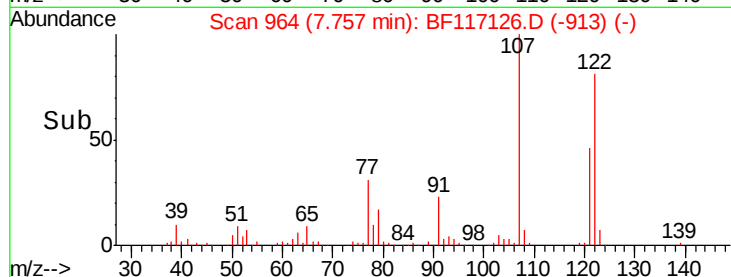
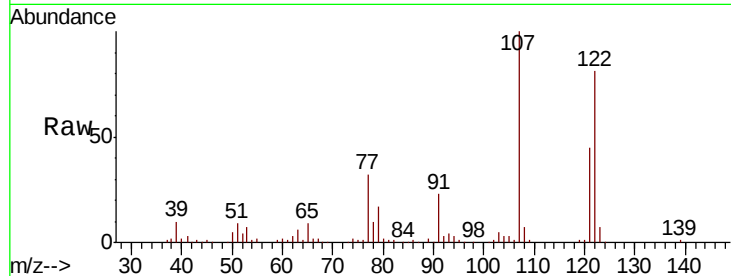
#27
2,4-Dimethylphenol
Concen: 49.608 ng
RT: 7.76 min Scan# 964
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	165339		
107	123.0	98.9	148.3	
121	55.9	45.3	67.9	

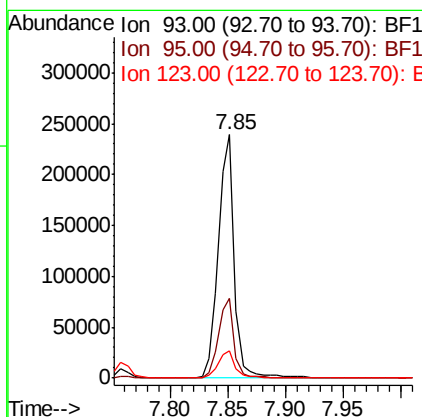
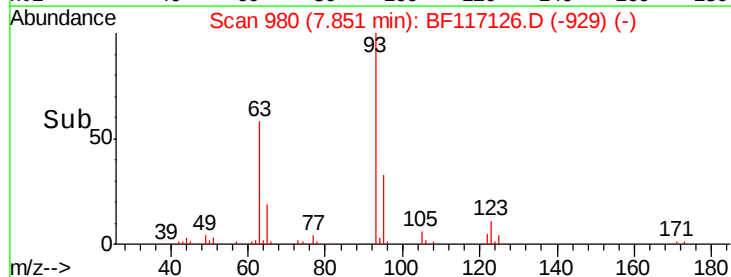
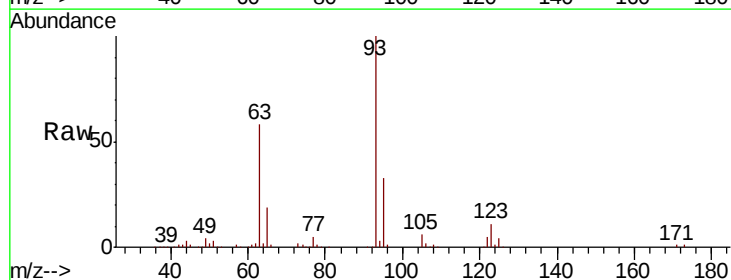
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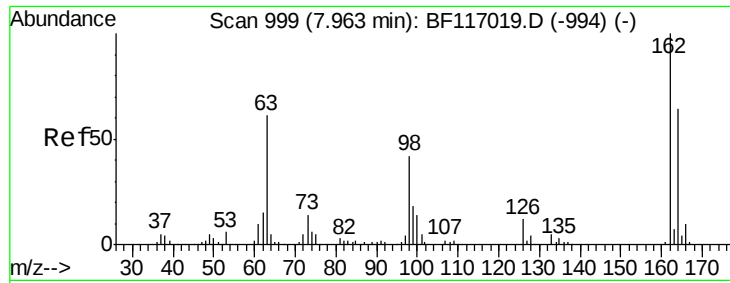
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.541 ng
RT: 7.85 min Scan# 980
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	229933		
95	32.6	26.2	39.4	
123	11.4	9.0	13.6	





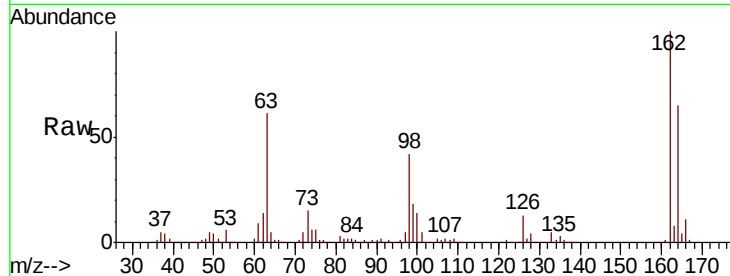
#29
 2,4-Dichlorophenol
 Concen: 44.227 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMPMS

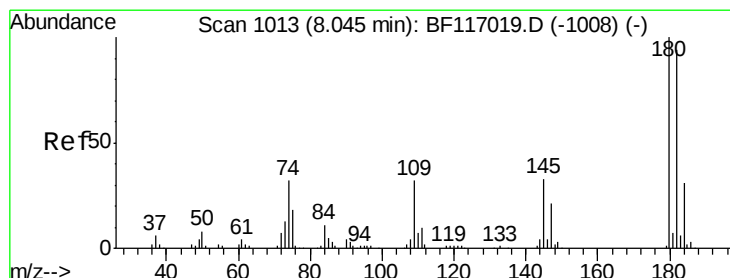
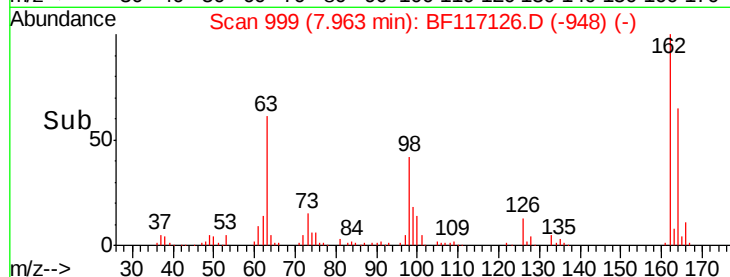
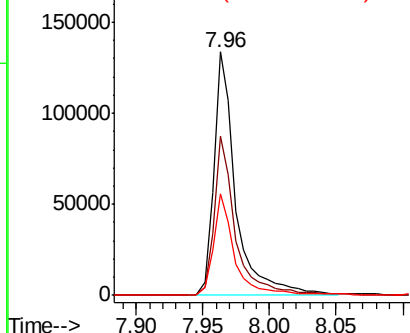
Tot Ion:	162	Resp:	154451
Ion Ratio	Lower	Upper	
162	100		
164	65.3	43.8	83.8
98	41.5	22.1	62.1

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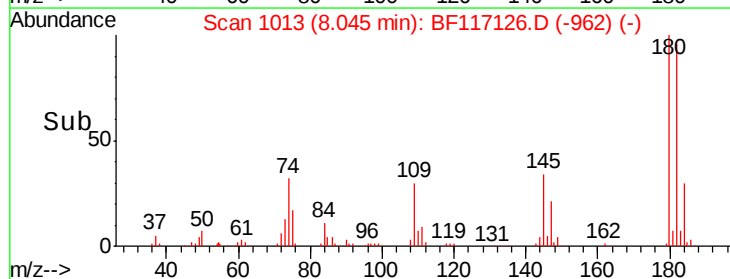
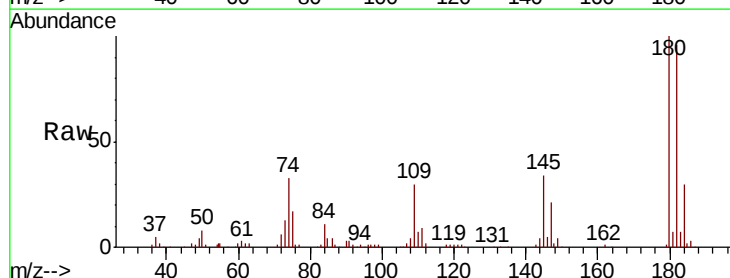
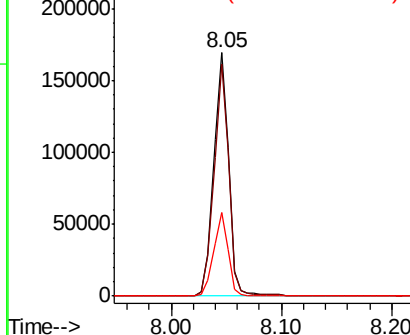
Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

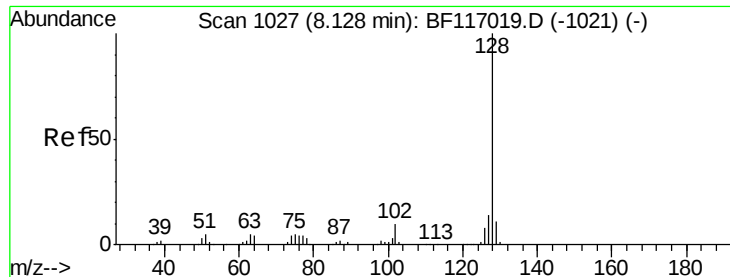


#30
 1,2,4-Trichlorobenzene
 Concen: 41.677 ng
 RT: 8.05 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion:	180	Resp:	157245
Ion Ratio	Lower	Upper	
180	100		
182	95.5	75.4	113.0
145	34.2	26.7	40.1

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





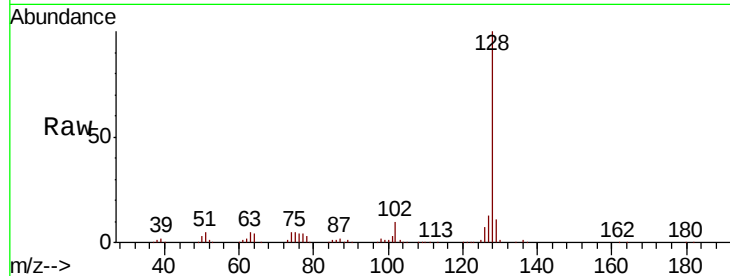
#31
Naphthalene
Concen: 44.856 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

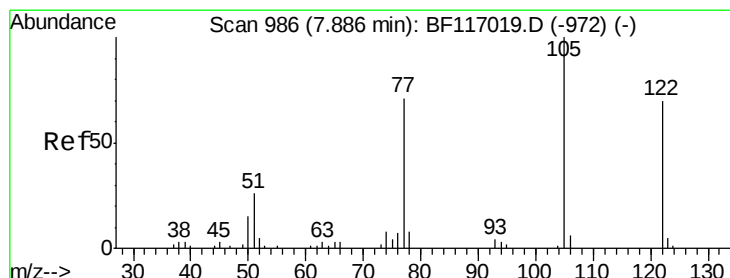
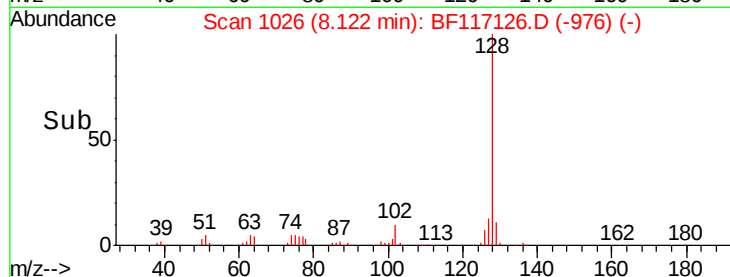
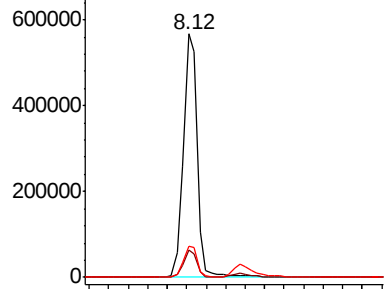
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.0	13.4
127	13.0	10.8	16.2

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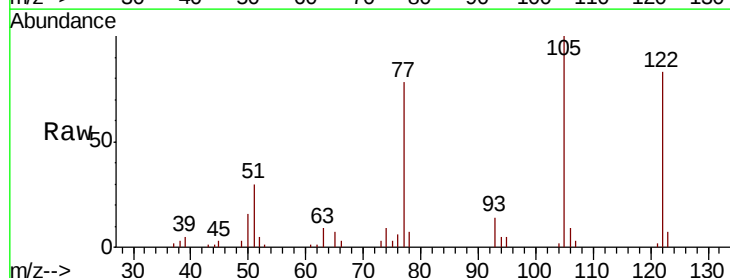


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

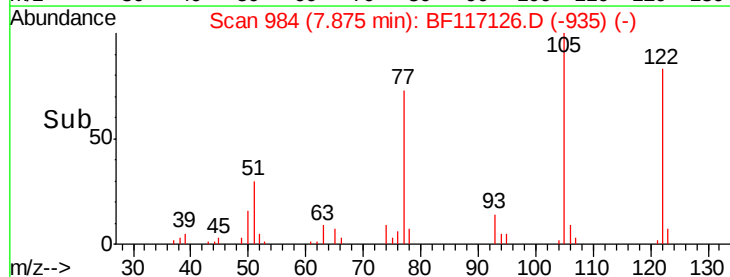
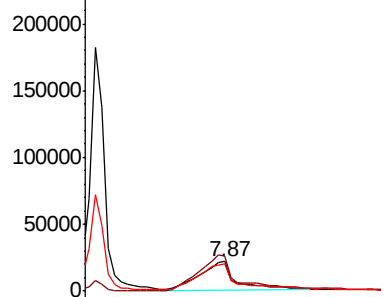


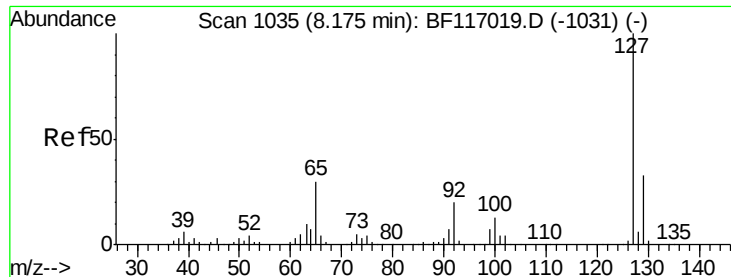
#32
Benzoic acid
Concen: 23.244 ng
RT: 7.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.8	114.8	154.8
77	93.9	78.7	118.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





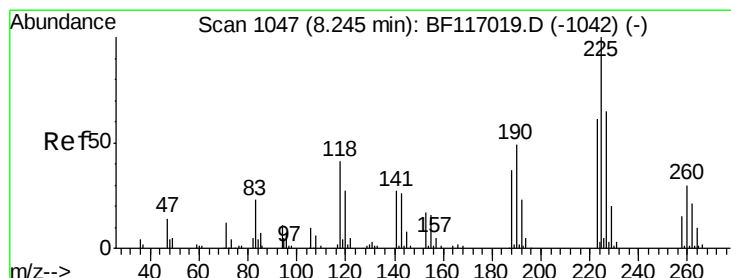
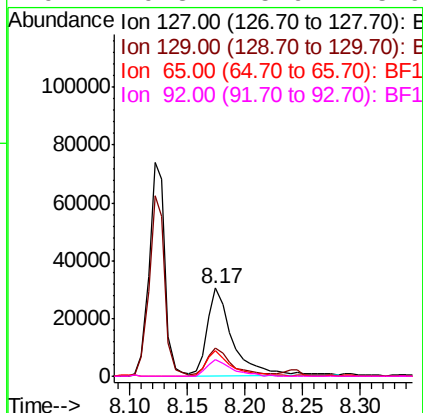
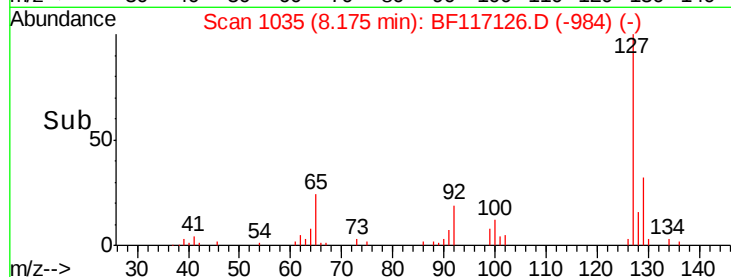
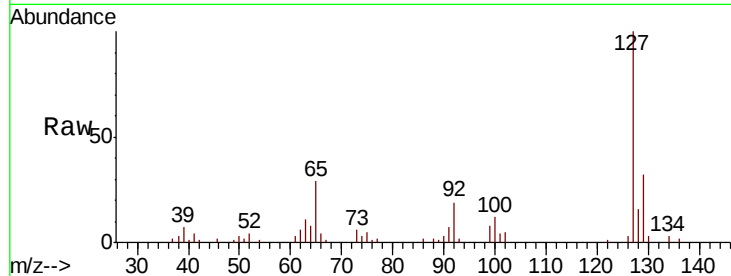
#33
4-Chloroaniline
Concen: 8.273 ng
RT: 8.17 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	29.4	23.5	35.3
92	19.3	15.9	23.9

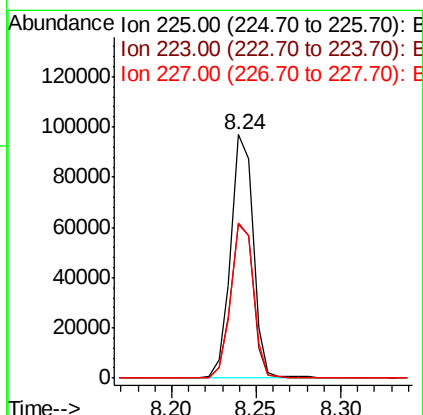
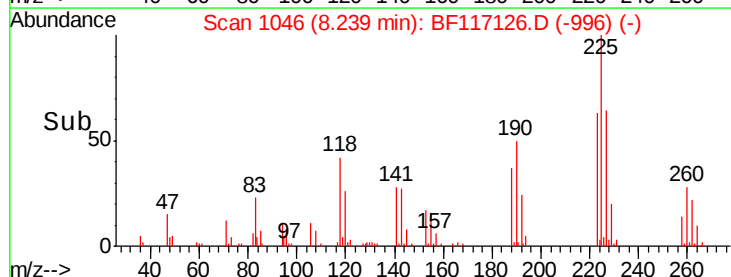
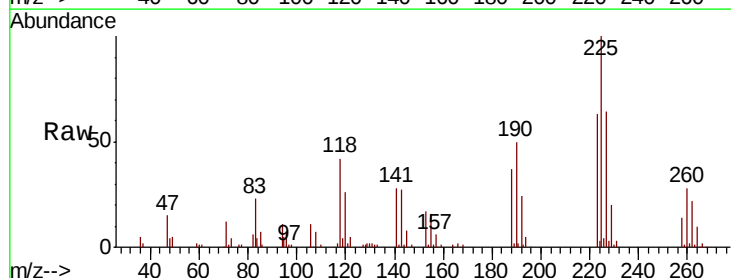
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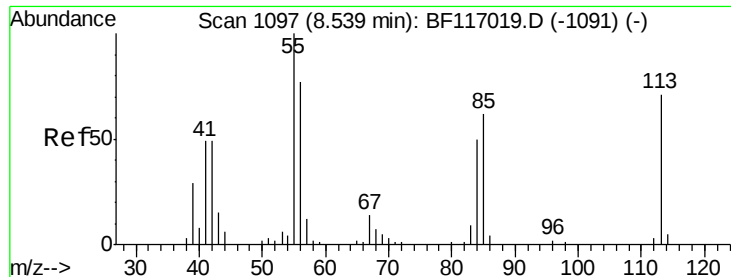
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#34
Hexachlorobutadiene
Concen: 41.858 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.1	73.7
227	64.0	52.2	78.2





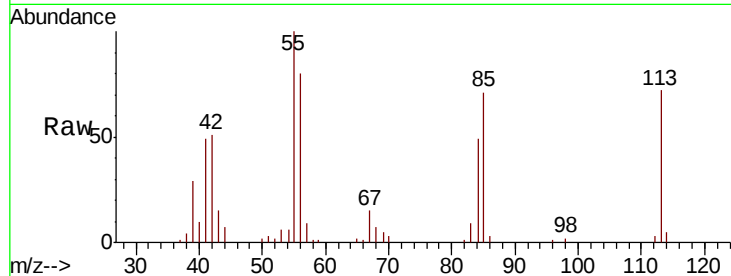
#35
Caprolactam
Concen: 42.578 ng/ml
RT: 8.54 min Scan# 1097
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleID :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
113	100		
55	139.2	120.6	160.6
56	110.8	88.8	128.8

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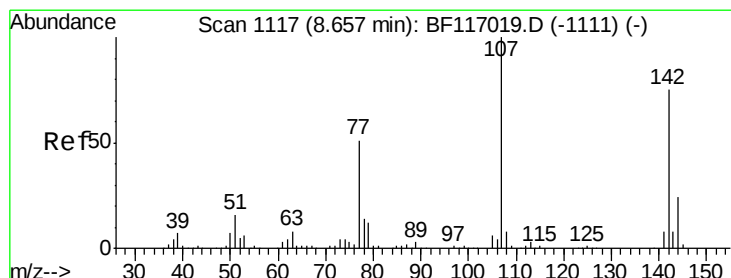
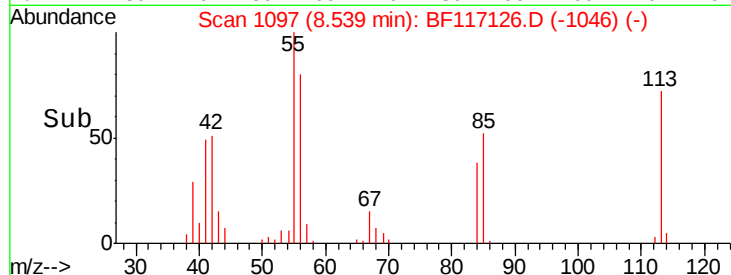
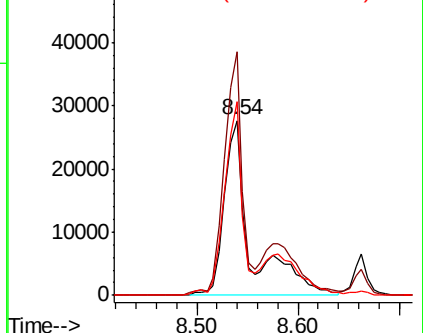


Abundance

Ion 113.00 (112.70 to 113.70): E

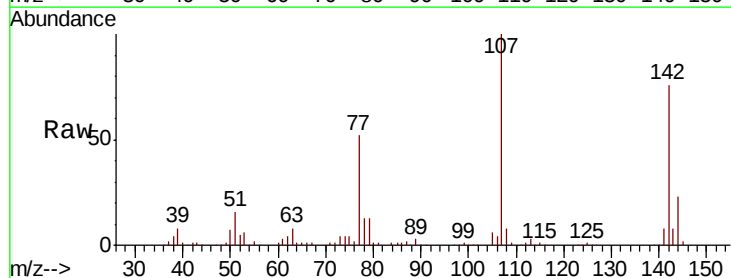
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 45.734 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.1	19.2	28.8
142	76.5	59.6	89.4

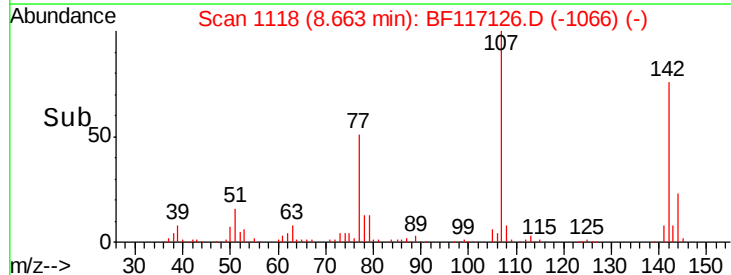
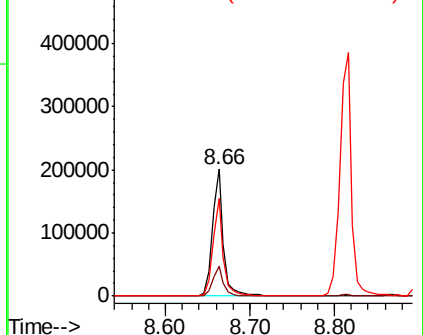


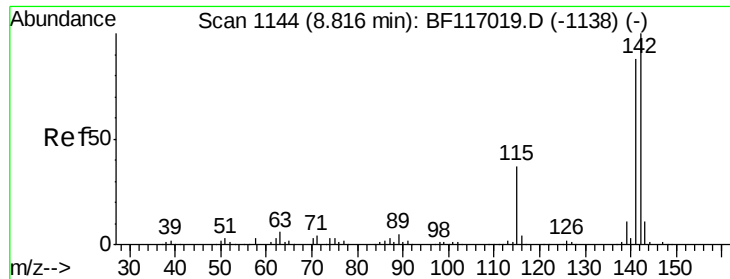
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





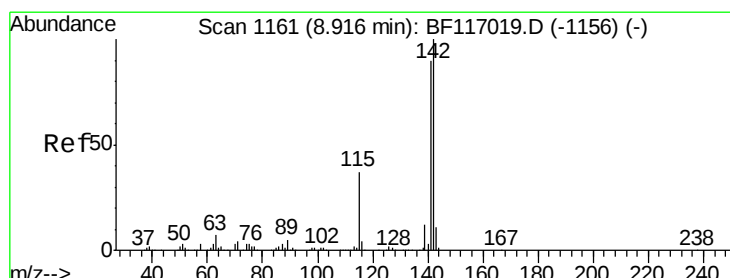
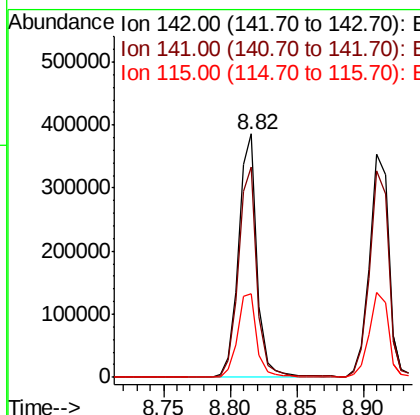
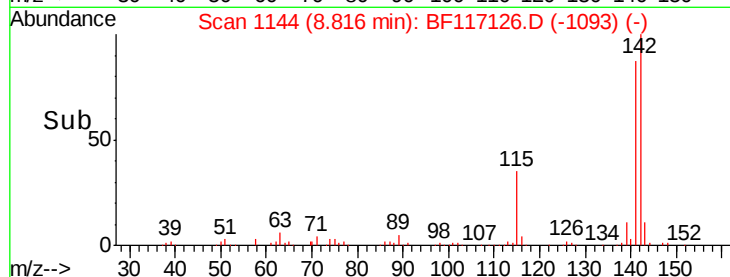
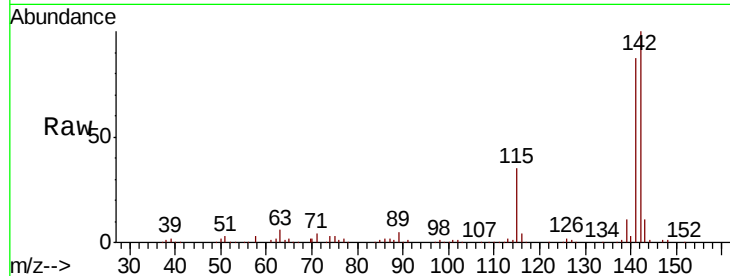
#37
2-Methylnaphthalene
Concen: 44.559 ng
RT: 8.82 min Scan# 1144
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.7	106.1
115	34.6	29.4	44.0

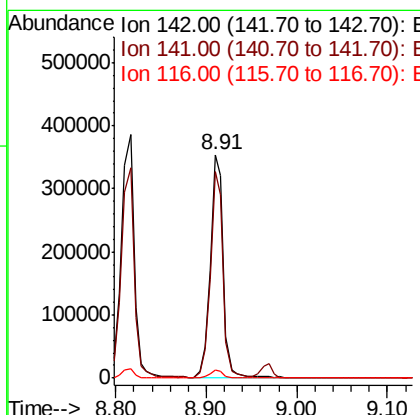
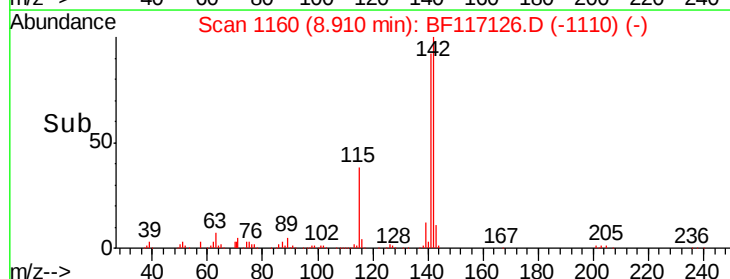
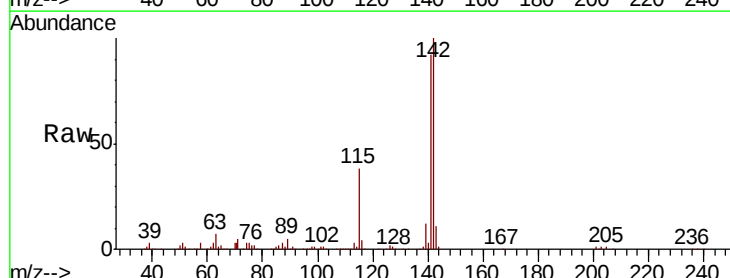
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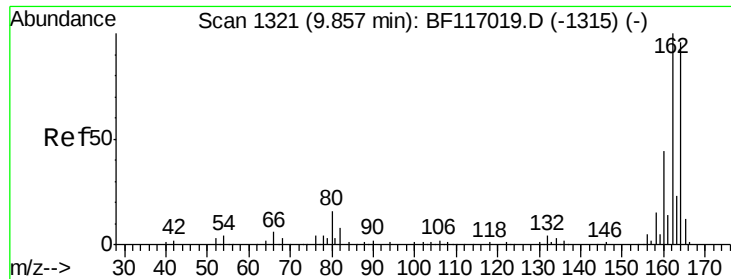
mohammad
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#38
1-Methylnaphthalene
Concen: 45.593 ng
RT: 8.91 min Scan# 1160
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.9	107.9
116	3.9	3.2	4.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SB-47-COMPMS

Tot Ion:164 Resp: 138069

Ion Ratio Lower Upper

164 100

162 99.5 83.4 125.2

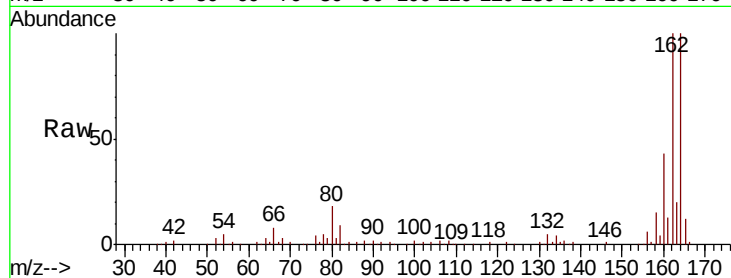
160 43.0 36.4 54.6

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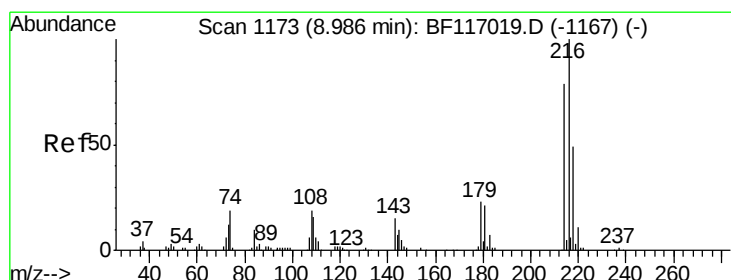
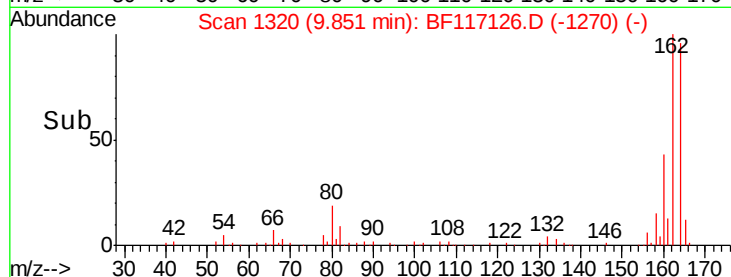
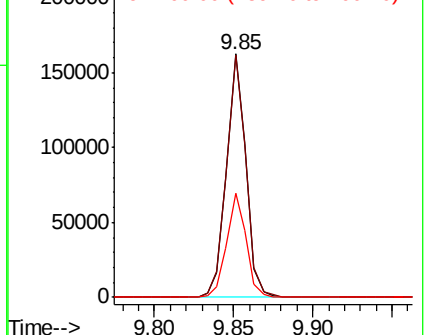


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.645 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Tgt Ion:216 Resp: 148478

Ion Ratio Lower Upper

216 100

214 79.0 63.6 95.4

179 23.0 18.3 27.5

108 23.8 17.8 26.6

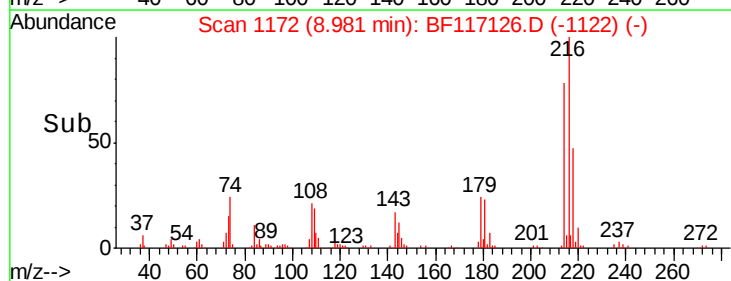
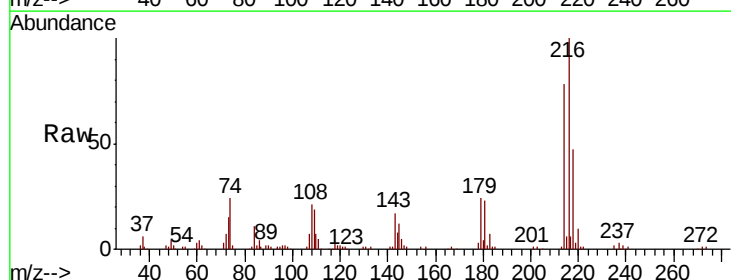
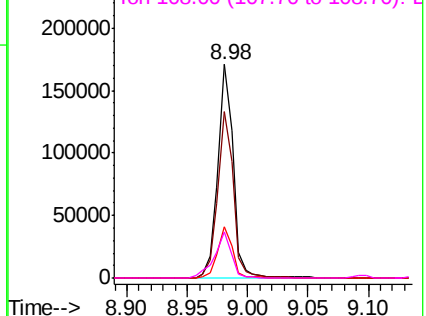
Abundance

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: 78.404 ng

RT: 8.97 min Scan# 1170

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

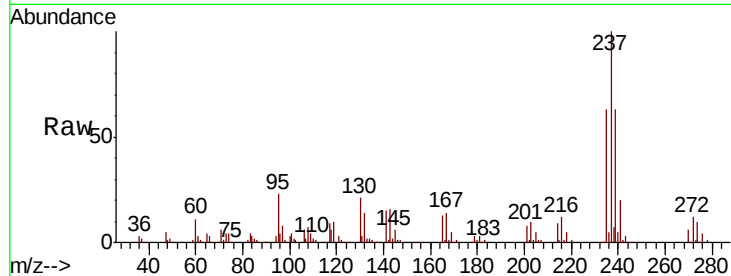
ClientSampleId :

SB-47-COMPMS

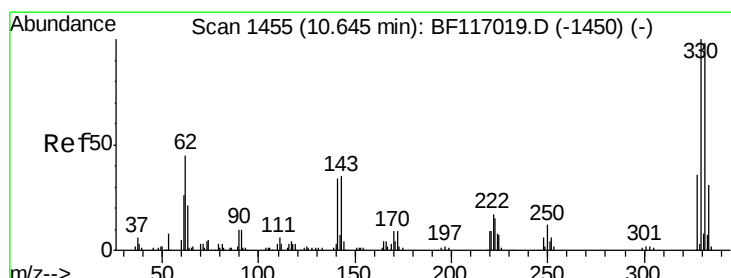
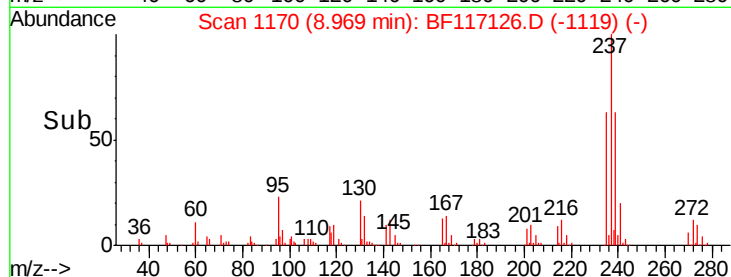
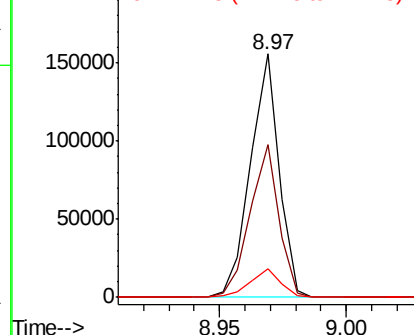
Tot Ion:	237	Resp:	123288
Ion Ratio	Lower	Upper	
237	100		
235	62.9	43.2	83.2
272	11.7	0.0	31.9

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



#42

2,4,6-Tribromophenol

Concen: 98.423 ng

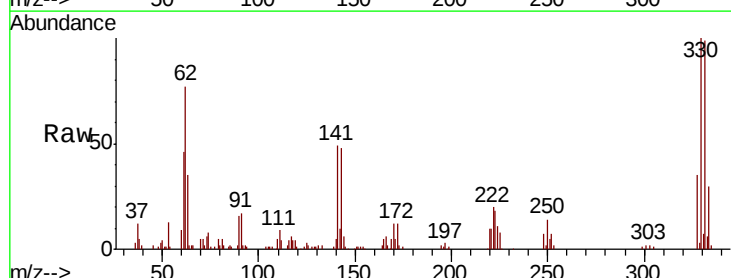
RT: 10.64 min Scan# 1454

Delta R.T. -0.01 min

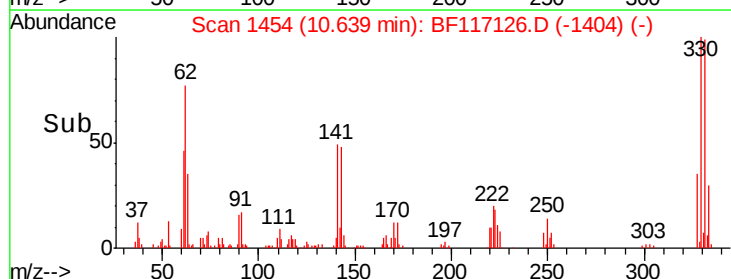
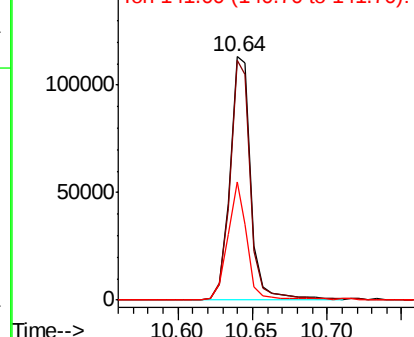
Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Tgt Ion:	330	Resp:	113574
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.0	117.0
141	44.0	35.8	53.6



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





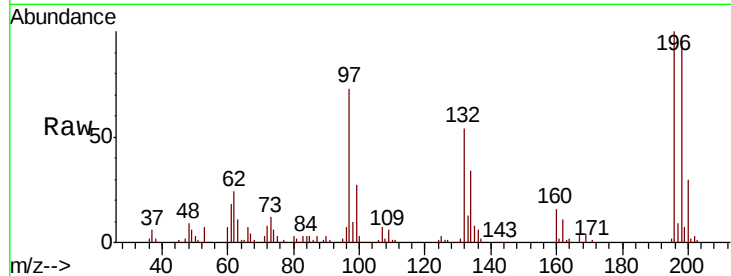
#43
 2,4,6-Trichlorophenol
 Concen: 41.321 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampled :
 SB-47-COMPMS

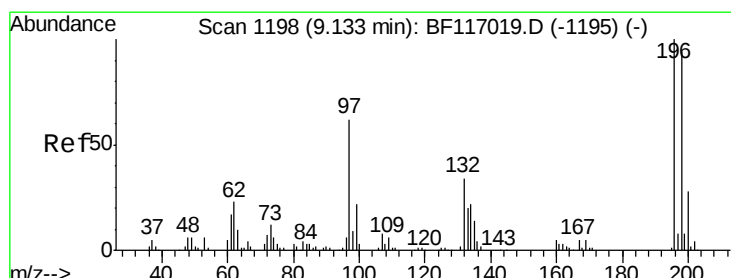
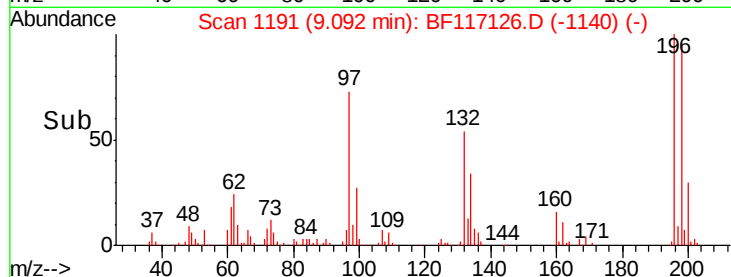
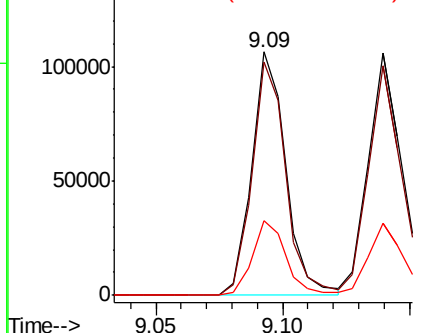
Tot Ion:	196	Resp:	99976
Ion Ratio	Lower	Upper	
196	100		
198	96.1	75.7	113.5
200	30.5	23.3	34.9

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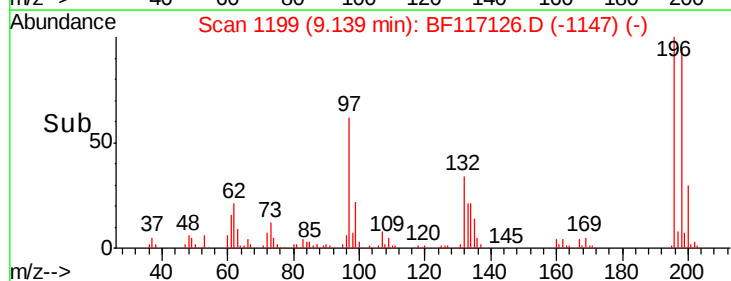
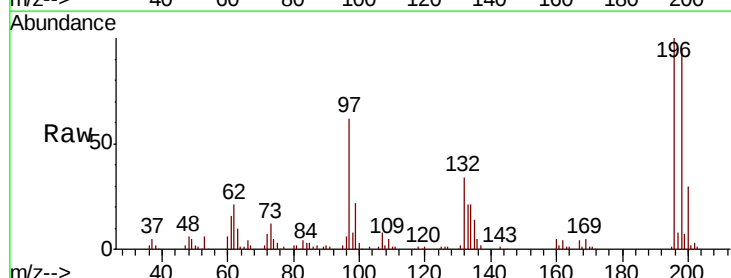
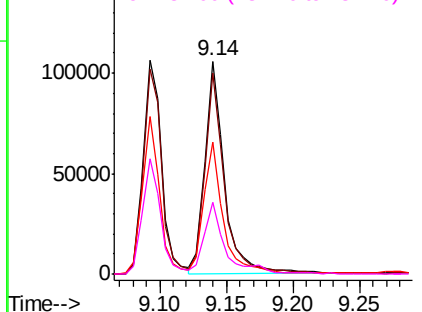
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

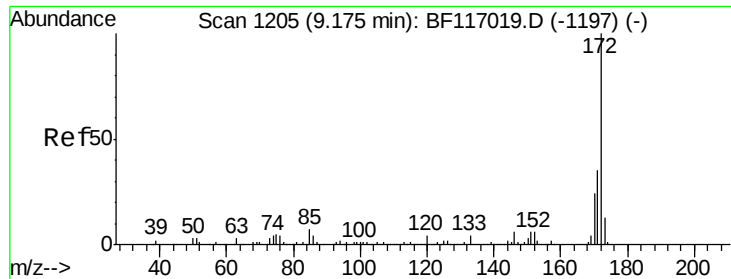


#44
 2,4,5-Trichlorophenol
 Concen: 41.889 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion:	196	Resp:	108286
Ion Ratio	Lower	Upper	
196	100		
198	94.6	74.6	112.0
97	62.0	49.5	74.3
132	33.6	27.4	41.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E





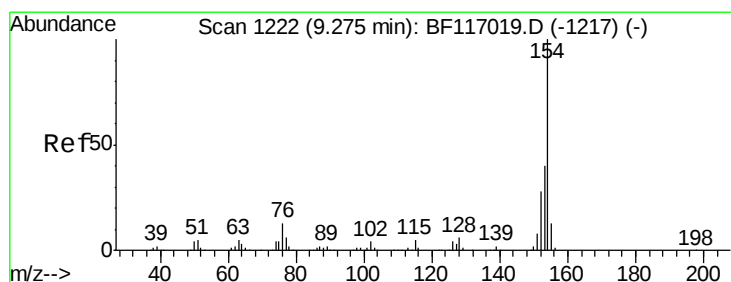
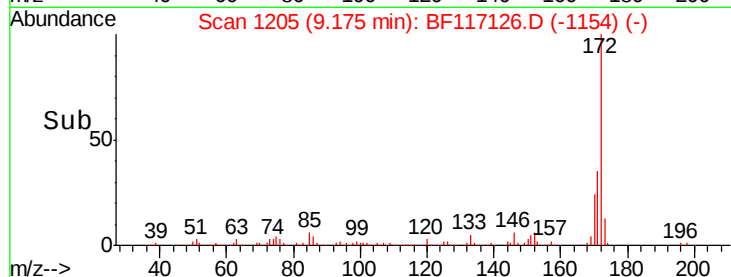
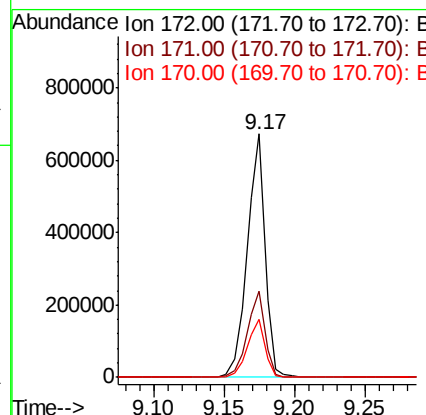
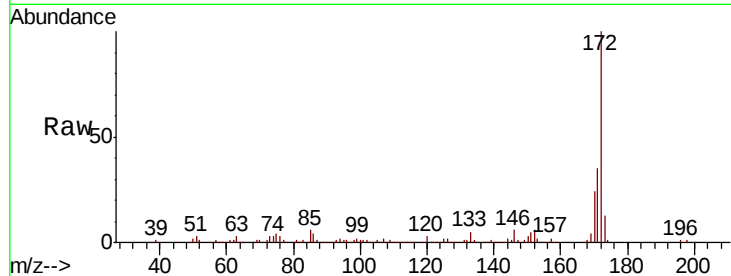
#45
2-Fluorobiphenyl
Concen: 66.885 ng
RT: 9.17 min Scan# 1205
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	590621		
171	35.1		28.2	42.2
170	23.6		18.9	28.3

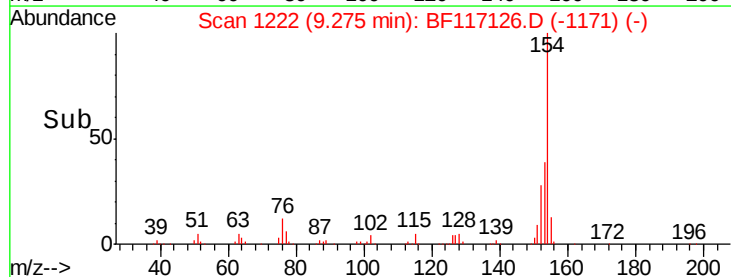
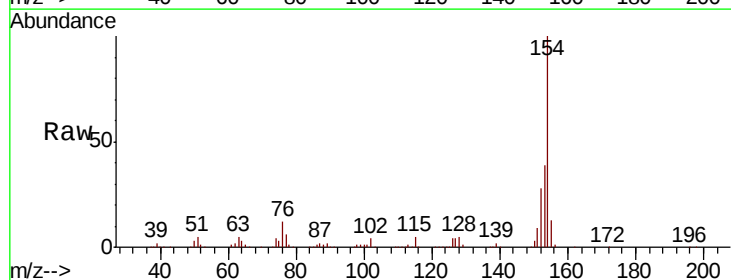
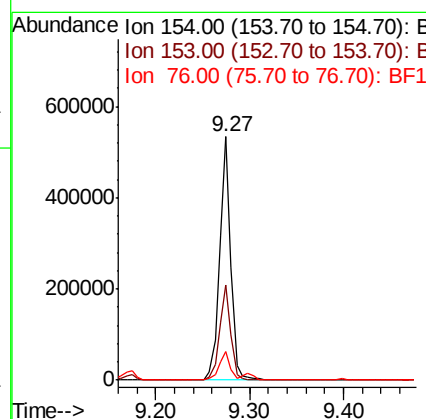
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#46
1,1'-Biphenyl
Concen: 41.411 ng
RT: 9.27 min Scan# 1222
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	448484		
153	39.2		20.0	60.0
76	11.8		0.0	32.7





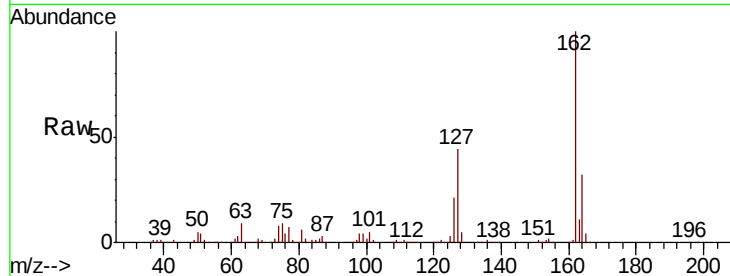
#47
 2-Chloronaphthalene
 Concen: 40.560 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMPMS

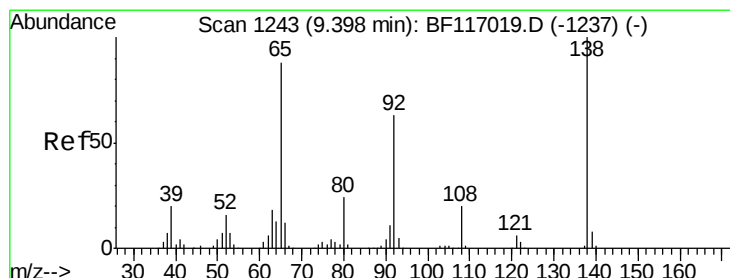
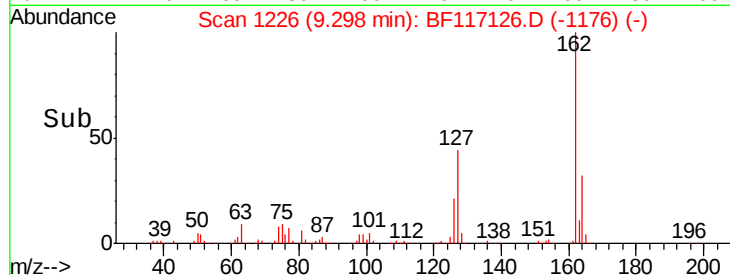
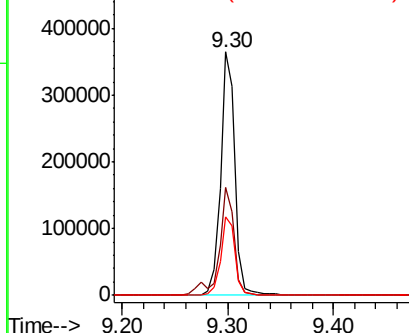
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	44.5	34.1	51.1	
164	32.5	25.9	38.9	

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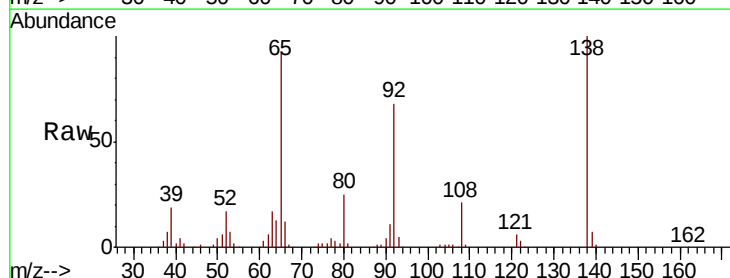


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

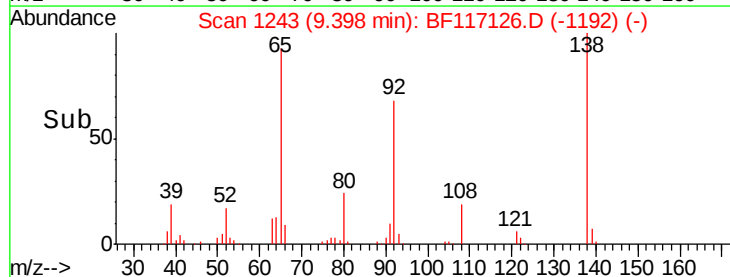
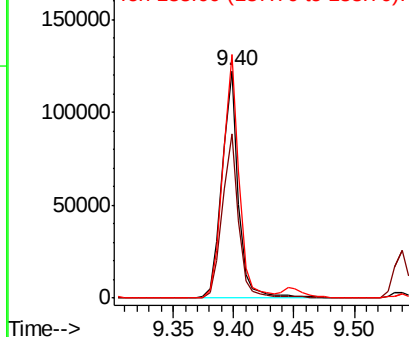


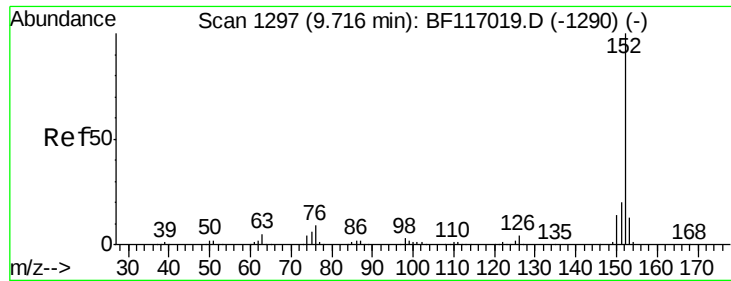
#48
 2-Nitroaniline
 Concen: 41.664 ng
 RT: 9.40 min Scan# 1243
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.4	57.5	86.3	
138	107.1	90.6	136.0	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





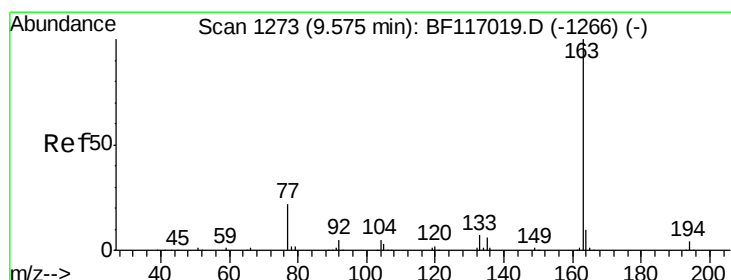
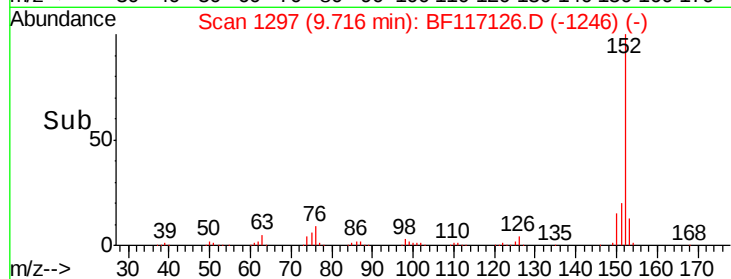
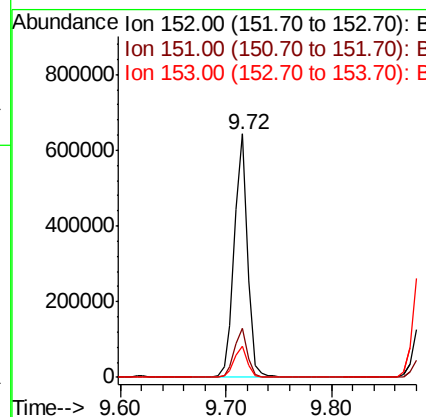
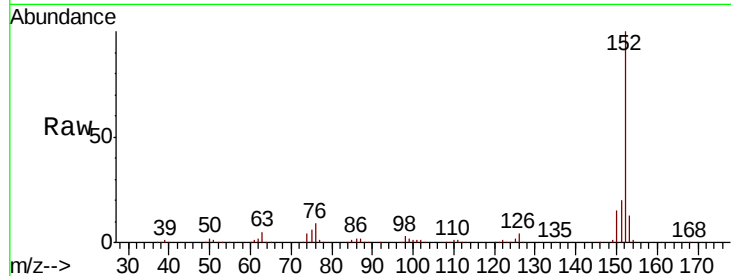
#49
Acenaphthylene
Concen: 43.344 ng
RT: 9.72 min Scan# 1297
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	554993		
151	20.4		16.2	24.2
153	13.0		10.2	15.4

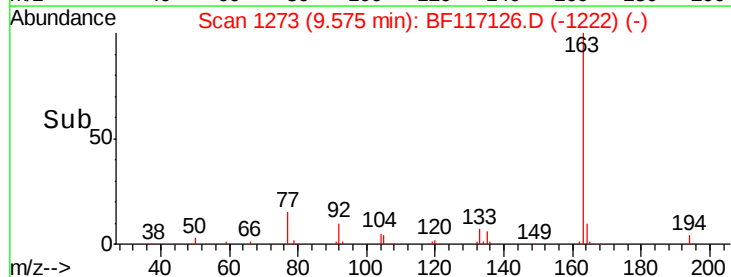
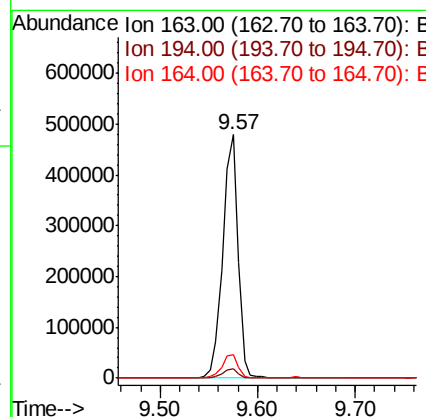
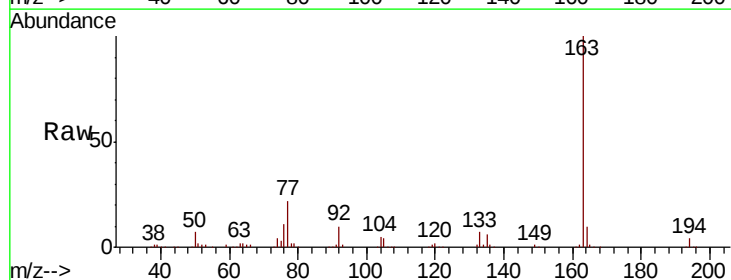
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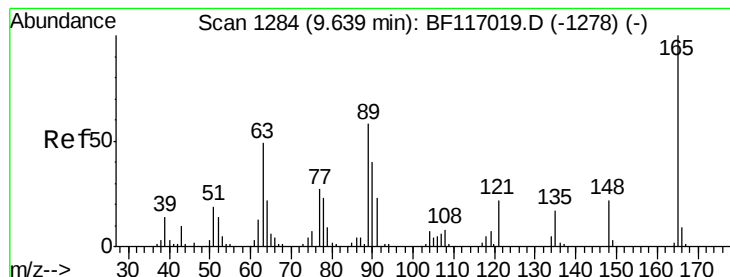
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#50
Dimethylphthalate
Concen: 53.443 ng
RT: 9.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	522455		
194	3.7		2.9	4.3
164	9.9		8.2	12.4





#51

2,6-Dinitrotoluene

Concen: 46.193 ng

RT: 9.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampleId :

SB-47-COMPMS

Tot Ion:165 Resp: 91972

Ion Ratio Lower Upper

165 100

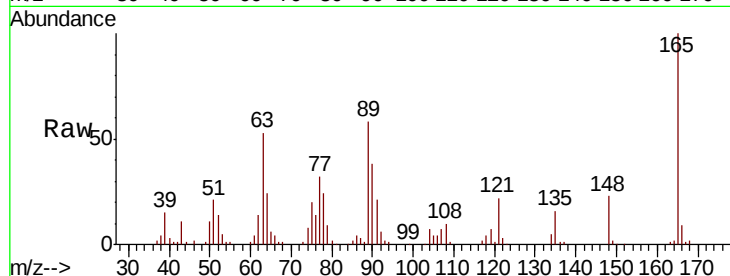
63 52.9 41.8 62.8

89 58.5 46.5 69.7

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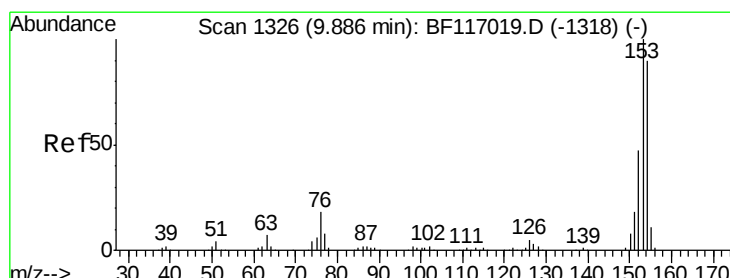
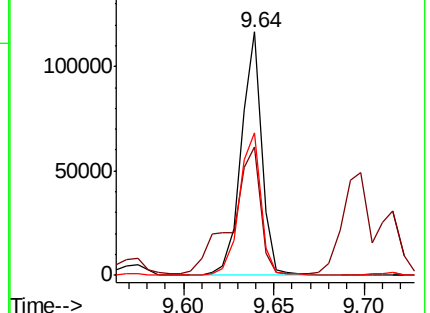
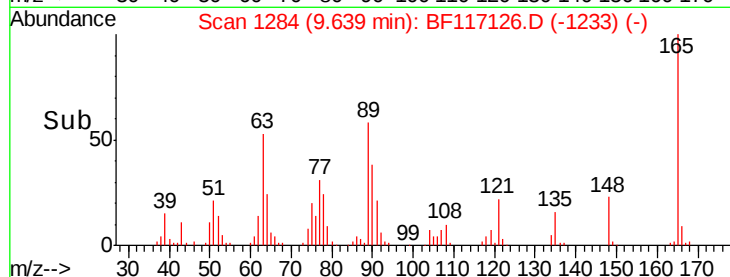
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Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.706 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

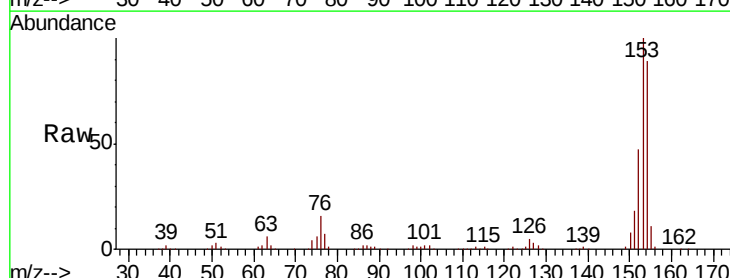
Tgt Ion:154 Resp: 316554

Ion Ratio Lower Upper

154 100

153 113.0 89.0 133.6

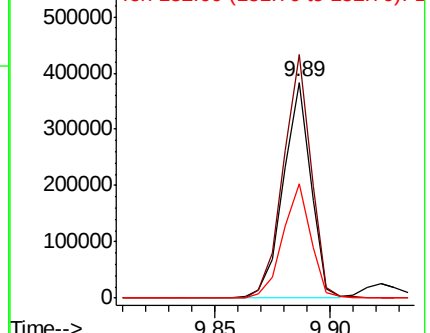
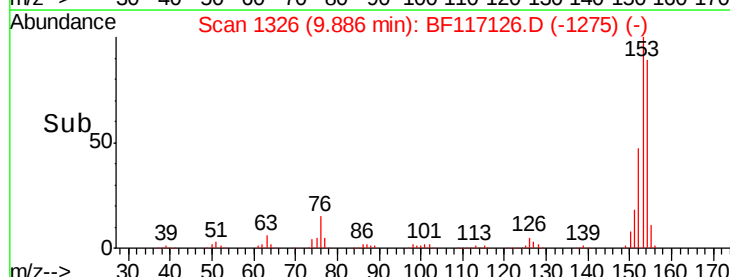
152 52.9 41.9 62.9

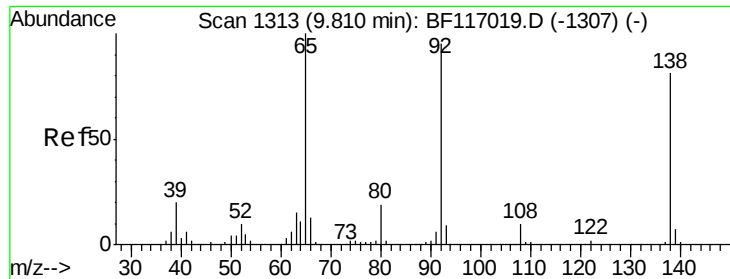


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





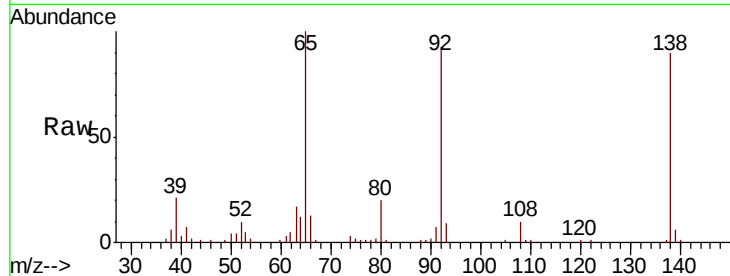
#53
3-Nitroaniline
Concen: 18.720 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

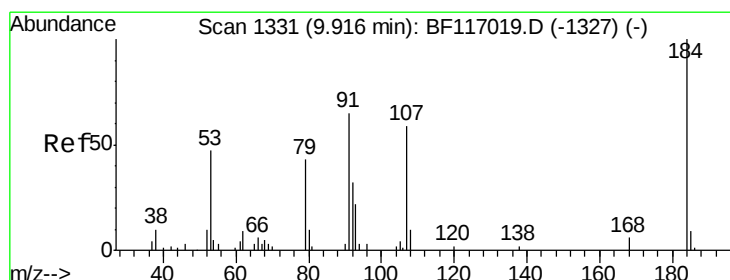
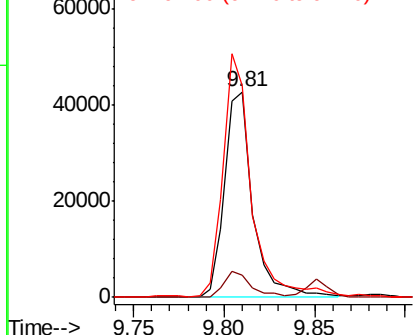
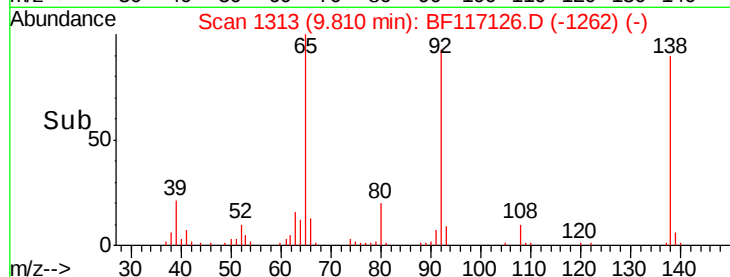
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	9.5	14.3
92	103.2	94.1	141.1

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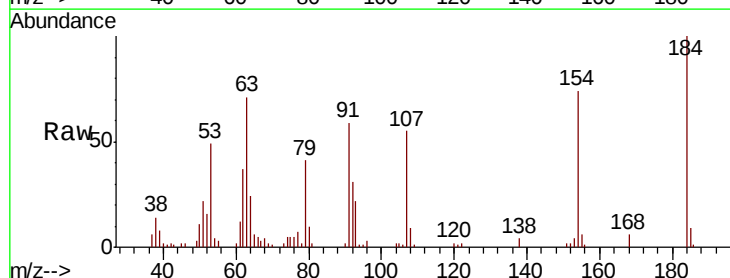


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

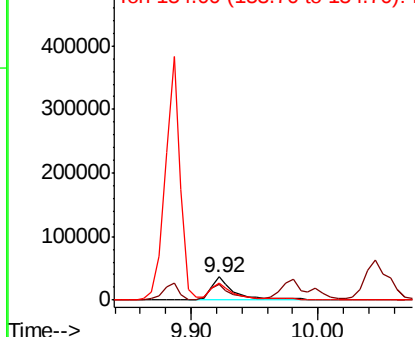
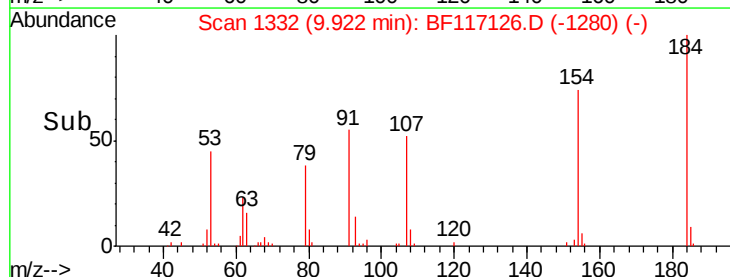


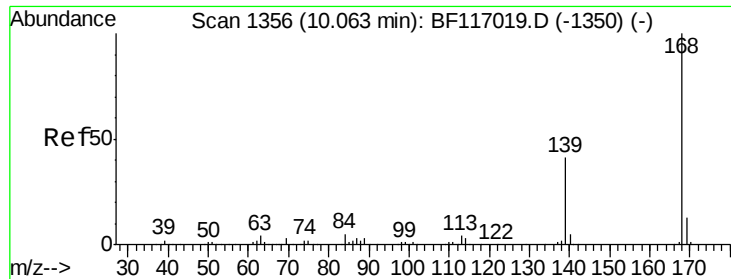
#54
2,4-Dinitrophenol
Concen: 58.493 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	71.5	63.8	95.6
154	73.6	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





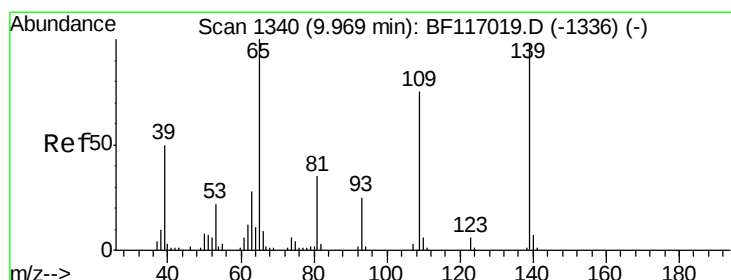
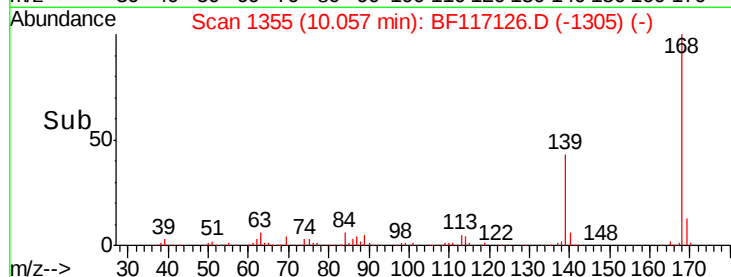
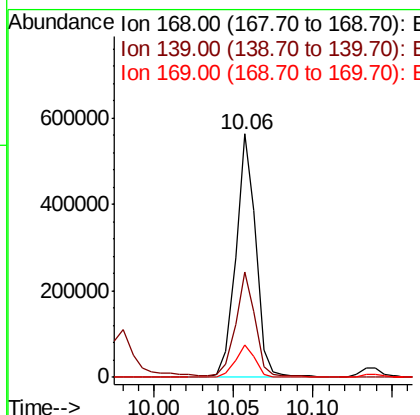
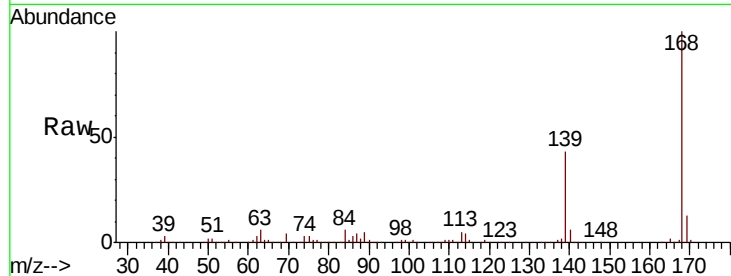
#55
Dibenzenofuran
Concen: 43.895 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion:	168	Resp:	491575
Ion Ratio	Lower	Upper	
168	100		
139	43.4	32.8	49.2
169	13.5	10.5	15.7

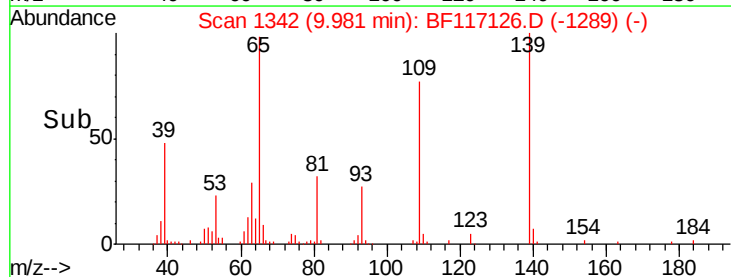
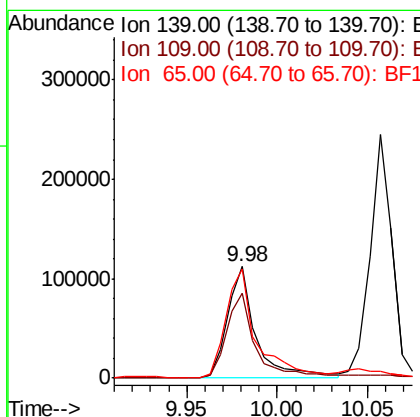
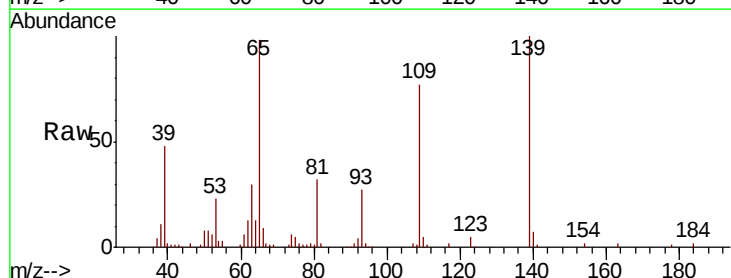
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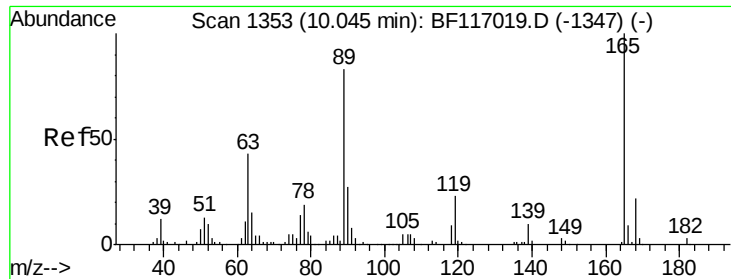
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#56
4-Nitrophenol
Concen: 75.793 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion:	139	Resp:	123401
Ion Ratio	Lower	Upper	
139	100		
109	76.8	56.4	96.4
65	98.3	82.5	122.5





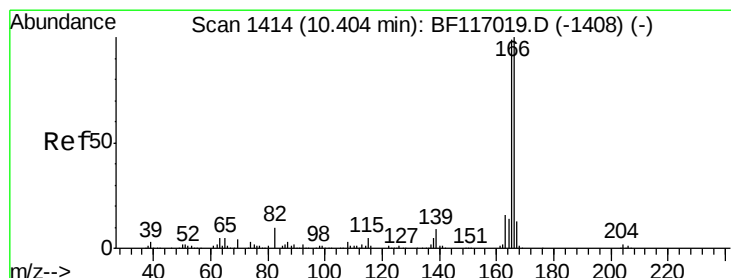
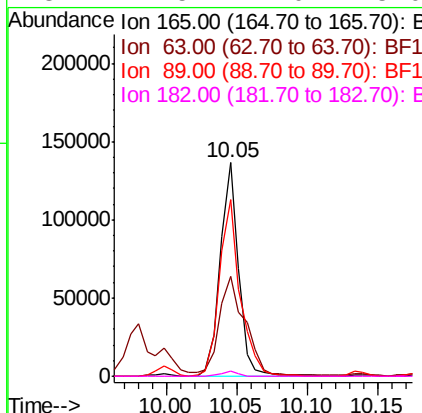
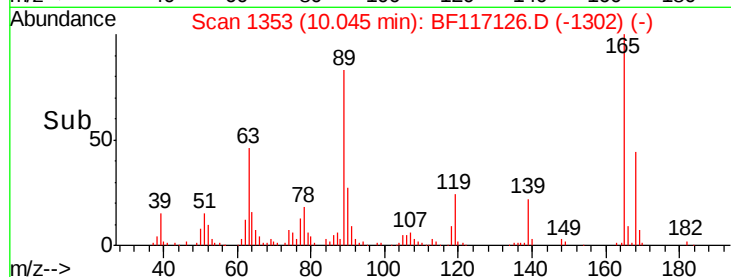
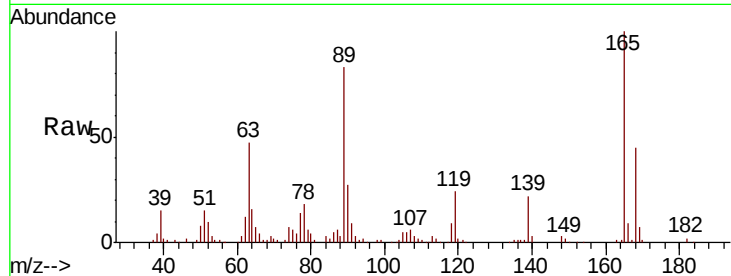
#57
 2,4-Dinitrotoluene
 Concen: 47.945 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		123915		
63	46.6	35.0	52.4		
89	82.7	66.1	99.1		
182	2.5	2.0	3.0		

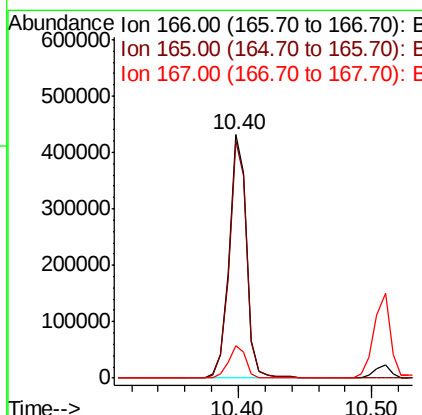
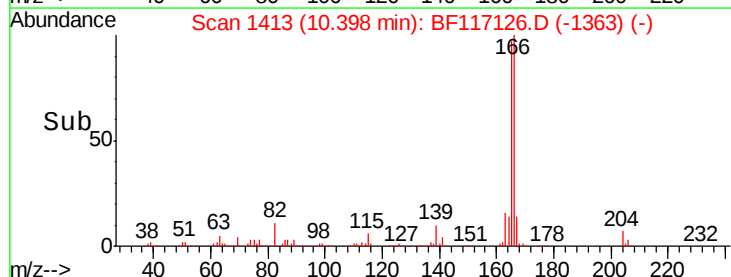
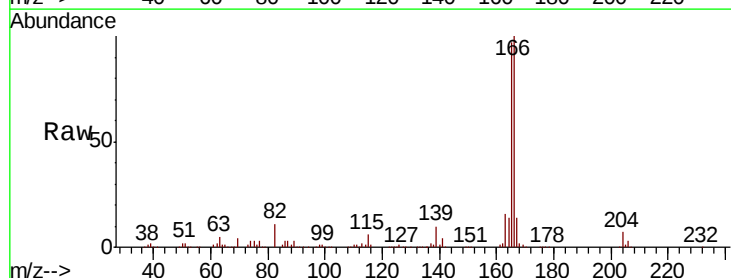
Manual Integrations
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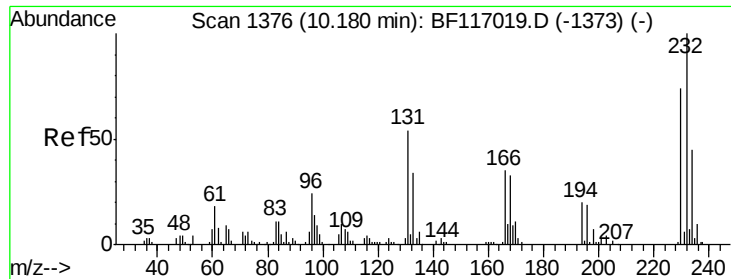
mohammad
 9/19/2019 4:45:26 PM



#58
 Fluorene
 Concen: 44.013 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		397041		
165	97.2	78.9	118.3		
167	13.6	10.6	15.8		





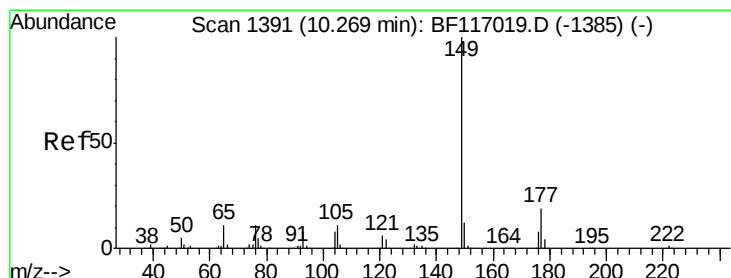
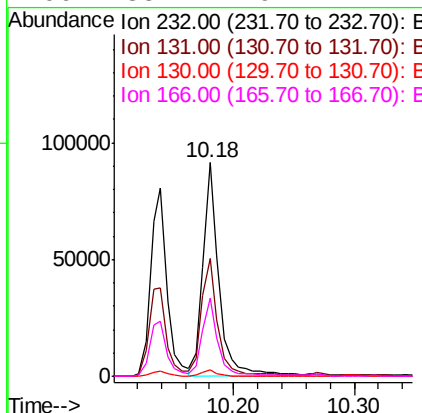
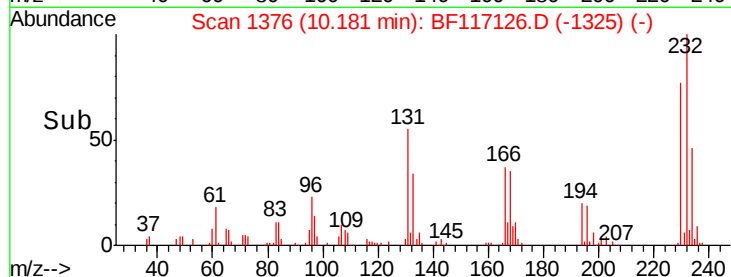
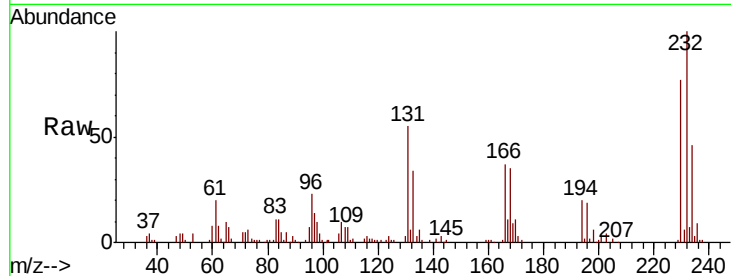
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.510 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampled :
 SB-47-COMPMS

Tot Ion:	232	Resp:	84094
Ion Ratio	Lower	Upper	
232	100		
131	55.2	45.3	67.9
130	2.7	1.8	2.8
166	35.4	29.4	44.2

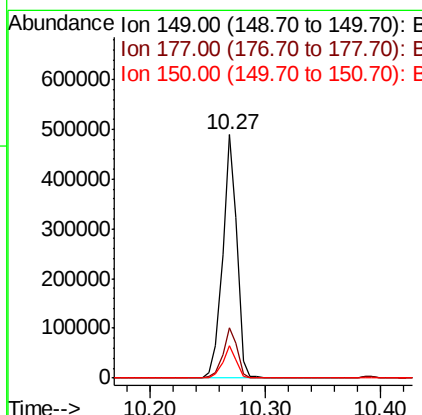
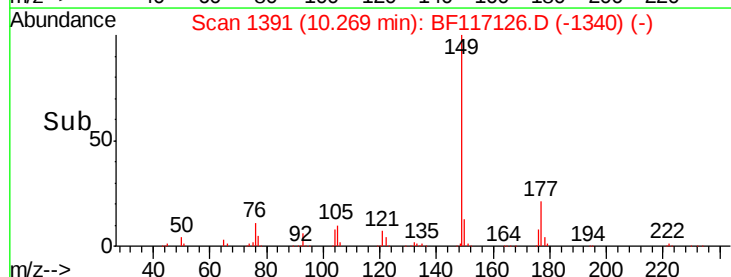
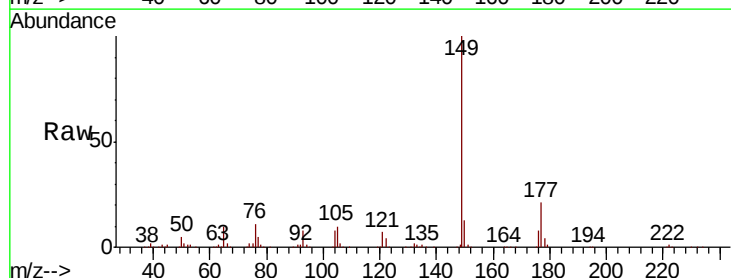
Manual Integrations
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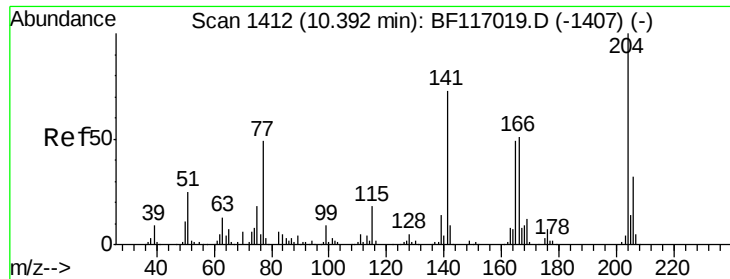
mohammad
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#60
 Diethylphthalate
 Concen: 43.533 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion:	149	Resp:	418690
Ion Ratio	Lower	Upper	
149	100		
177	20.6	15.2	22.8
150	13.1	9.9	14.9





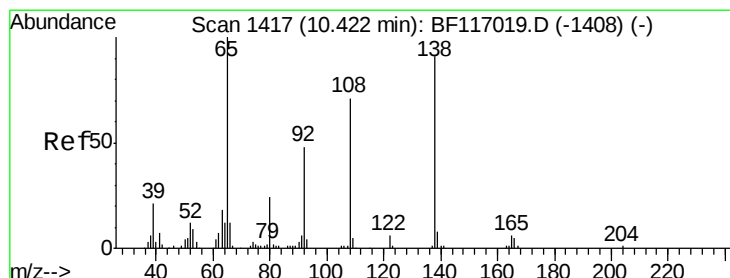
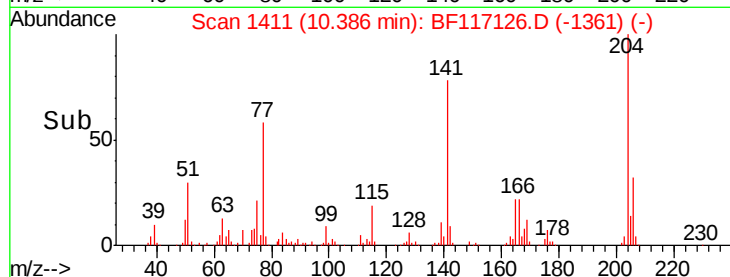
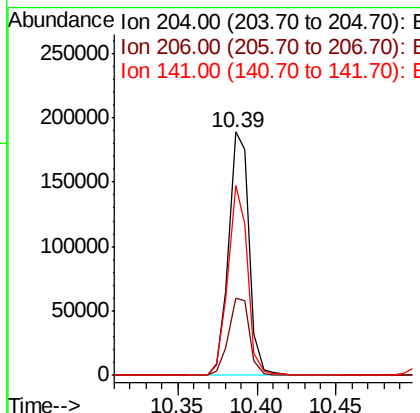
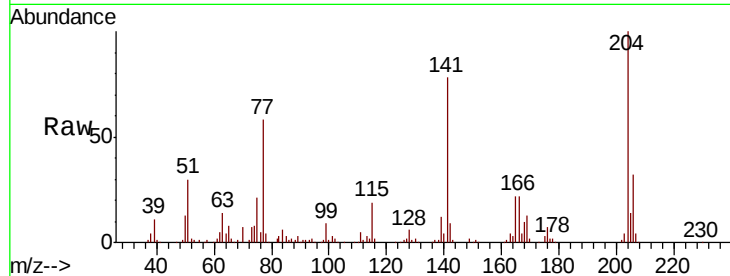
#61
4-Chlorophenyl-phenylether
Concen: 43.406 ng
RT: 10.39 min Scan# 1411
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	31.6	26.0	39.0
141	77.9	58.2	87.2

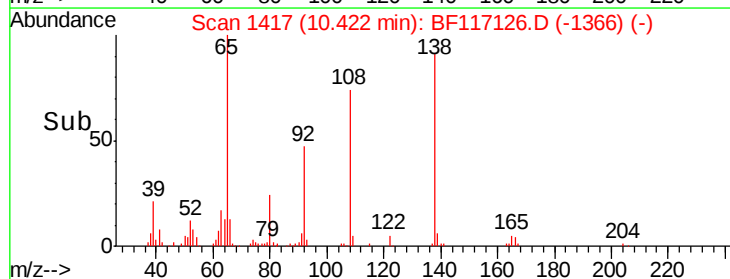
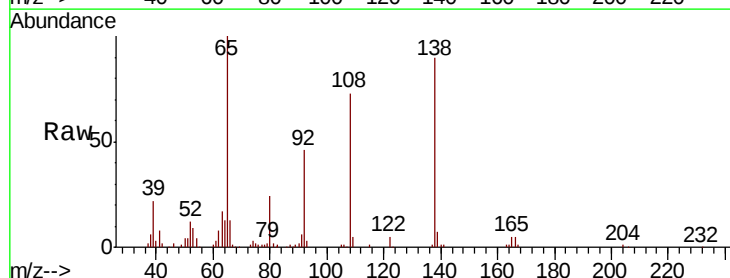
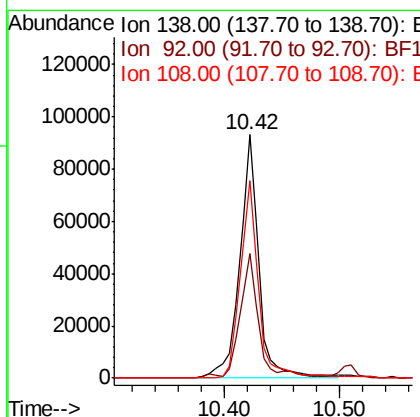
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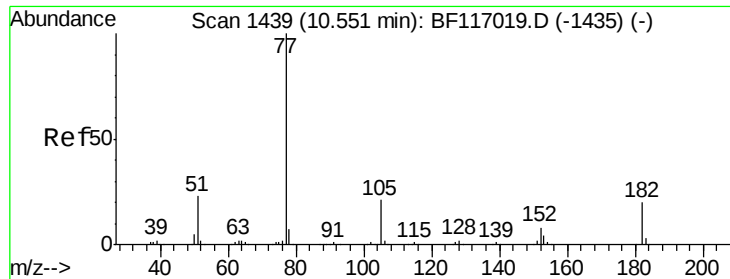
mohammad
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#62
4-Nitroaniline
Concen: 41.056 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.3	32.9	72.9
108	81.1	58.3	98.3





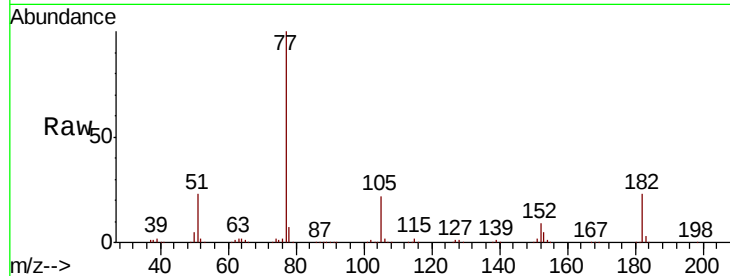
#63
Azobenzene
Concen: 43.426 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

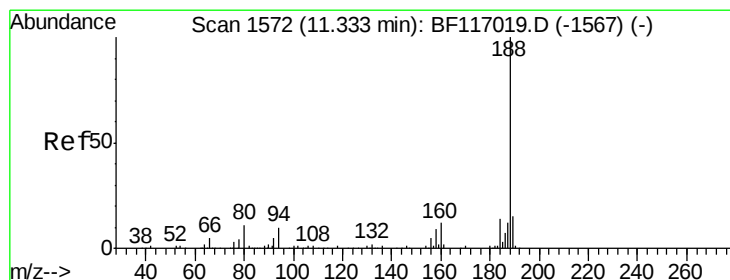
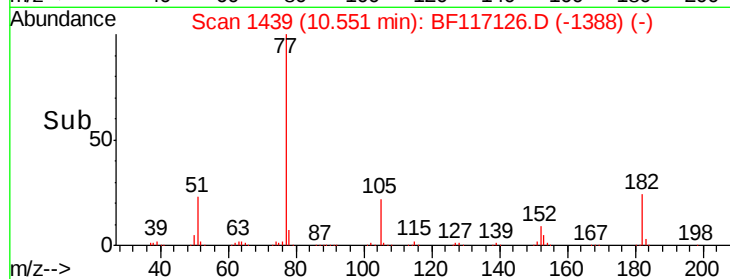
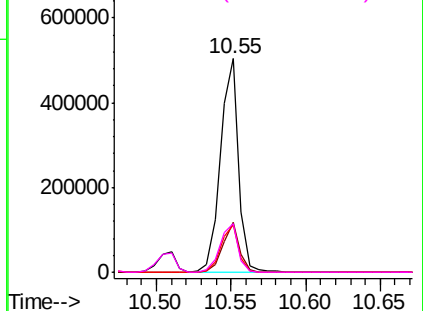
Tot Ion	Ratio	Resp	Lower	Upper
77	100			
182	23.5	0.4	40.4	
105	22.2	0.9	40.9	
51	23.0	2.8	42.8	

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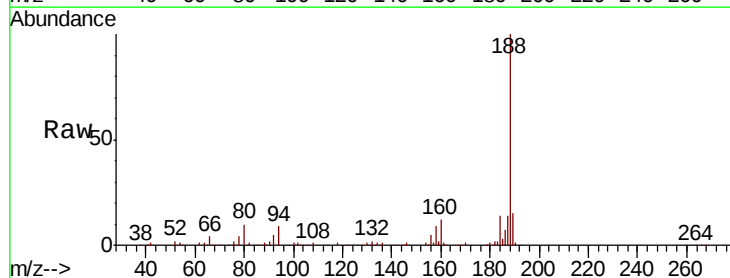


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

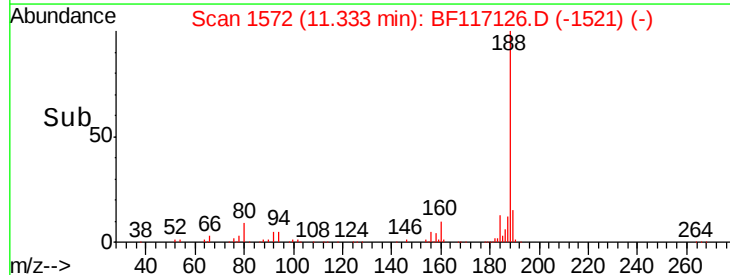
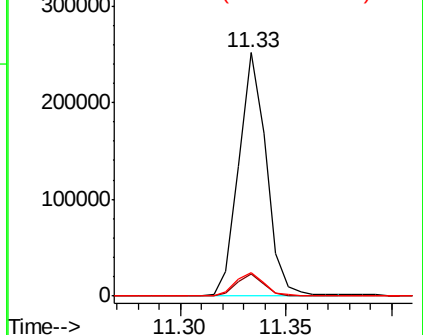


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	9.2	8.2	12.2	
80	9.9	9.0	13.6	



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





#65

4,6-Dinitro-2-methylphenol

Concen: 41.129 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

ClientSampled :

SB-47-COMPMS

Tot Ion:198 Resp: 41520

Ion Ratio Lower Upper

198 100

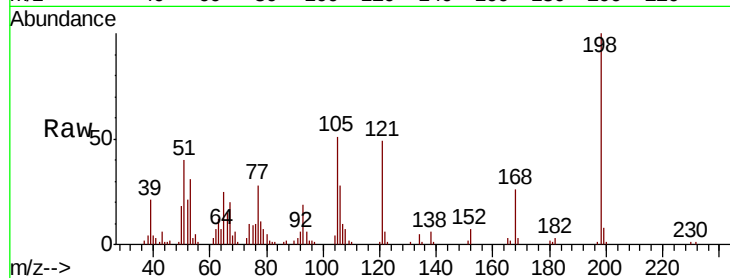
51 40.0 18.7 58.7

105 51.0 30.2 70.2

Manual Integrations
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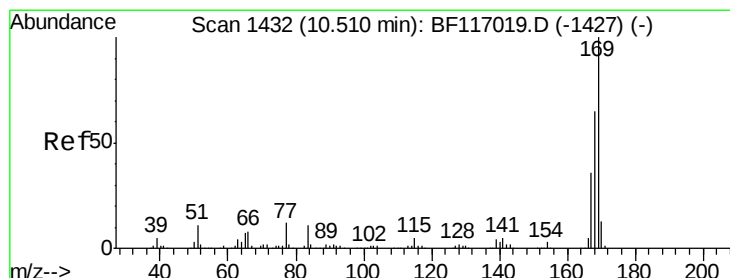
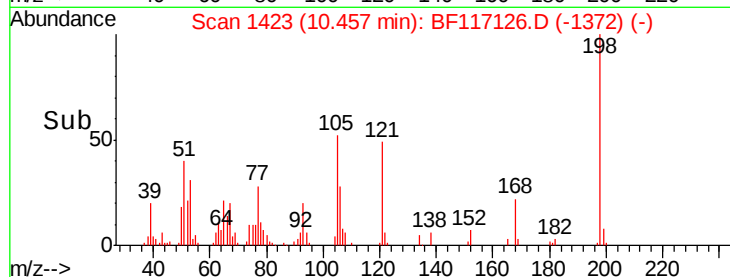
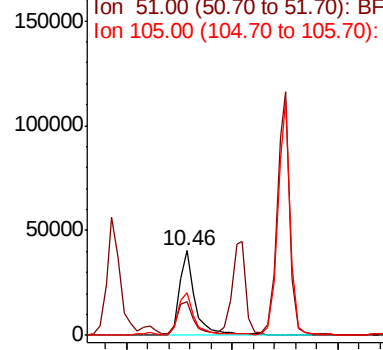


Abundance

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: 44.929 ng

RT: 10.51 min Scan# 1432

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

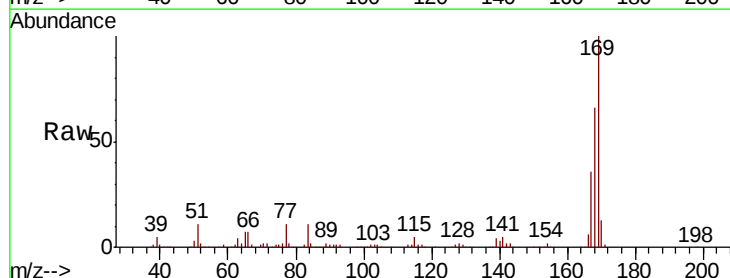
Tgt Ion:169 Resp: 353704

Ion Ratio Lower Upper

169 100

168 65.9 52.2 78.2

167 36.0 28.8 43.2

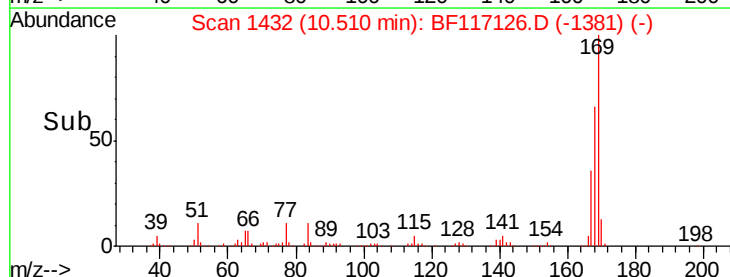
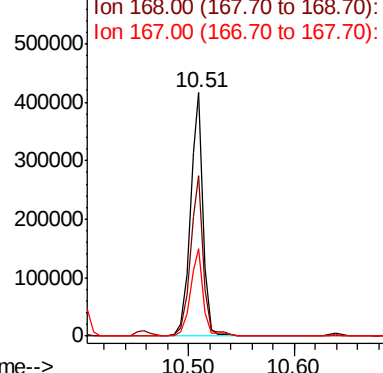


Abundance

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





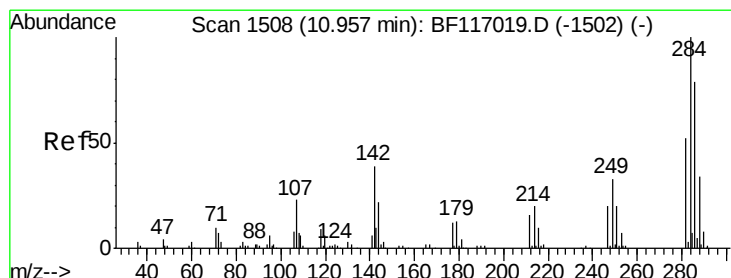
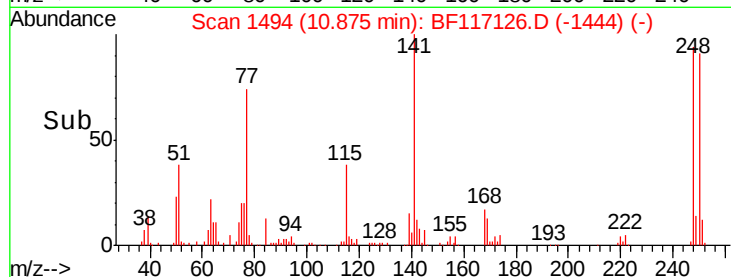
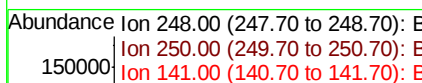
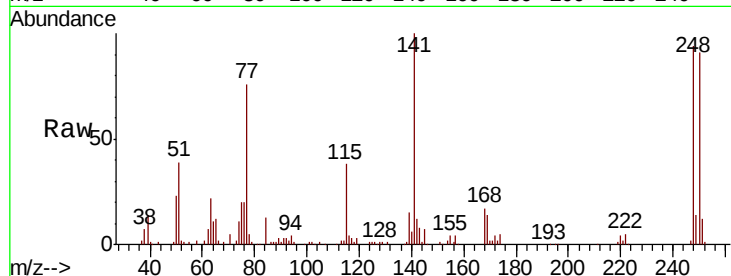
#67
 4-Bromophenyl-phenylether
 Concen: 42.535 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMPMS

Tot Ion:	248	Resp:	99019
Ion Ratio	Lower	Upper	
248	100		
250	96.3	76.2	114.4
141	106.1	75.0	112.4

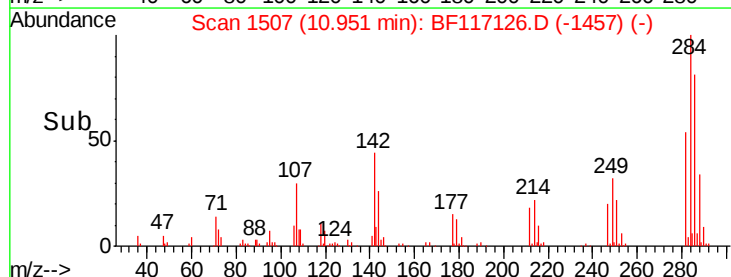
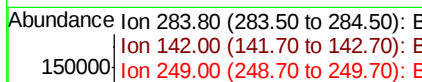
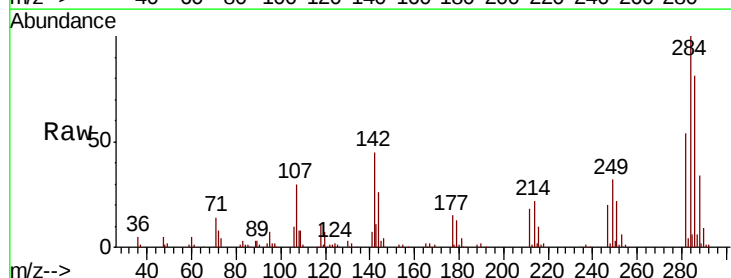
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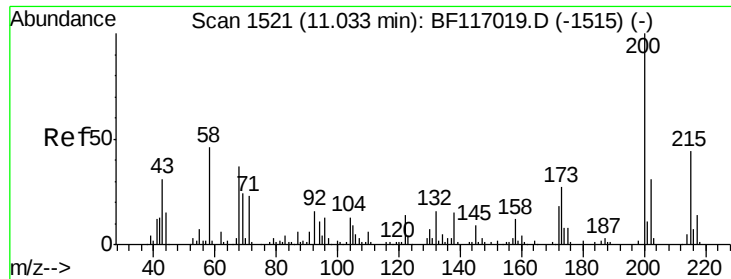
mohammad
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#68
 Hexachlorobenzene
 Concen: 41.309 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion:	284	Resp:	105182
Ion Ratio	Lower	Upper	
284	100		
142	44.8	31.4	47.2
249	31.7	26.5	39.7





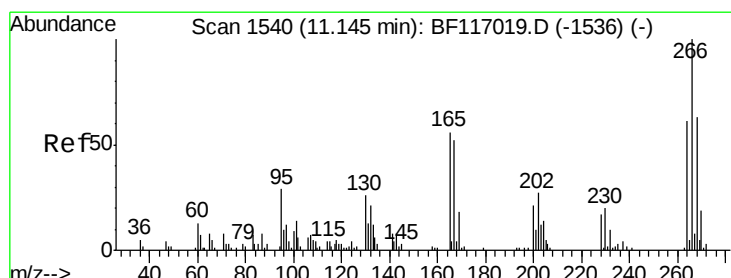
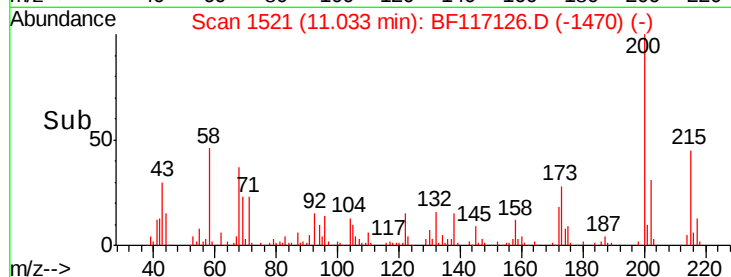
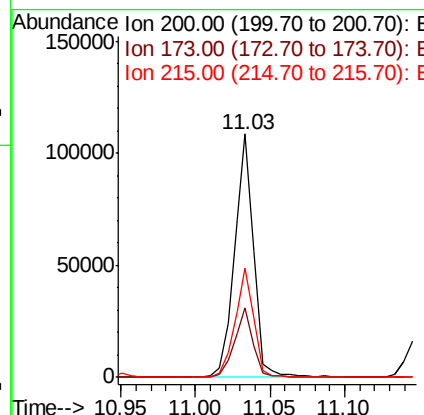
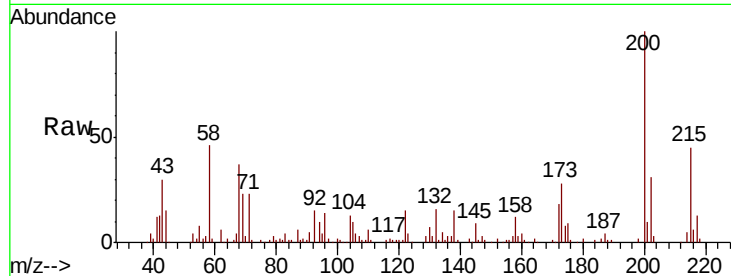
#69
 Atrazine
 Concen: 52.515 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMPMS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	28.4	6.9	46.9
215	45.1	23.8	63.8

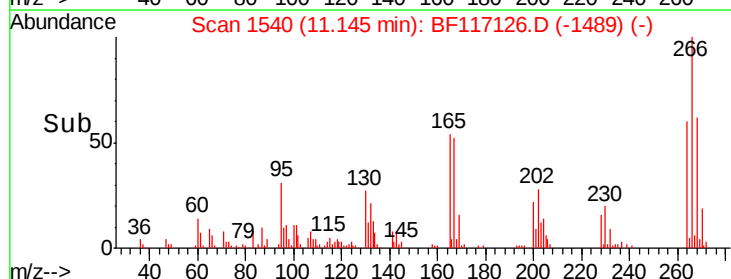
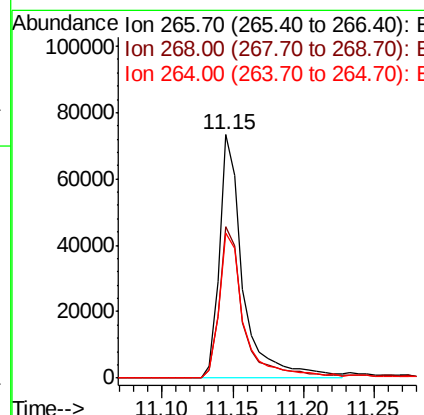
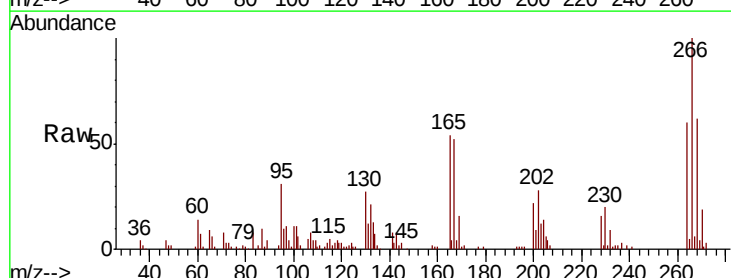
Manual Integrations
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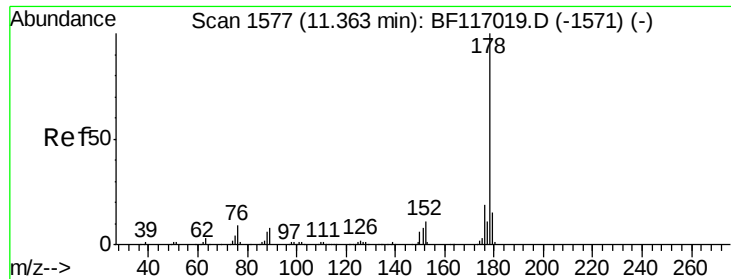
mohammad
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#70
 Pentachlorophenol
 Concen: 71.939 ng
 RT: 11.15 min Scan# 1540
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	62.3	50.5	75.7
264	59.8	48.8	73.2





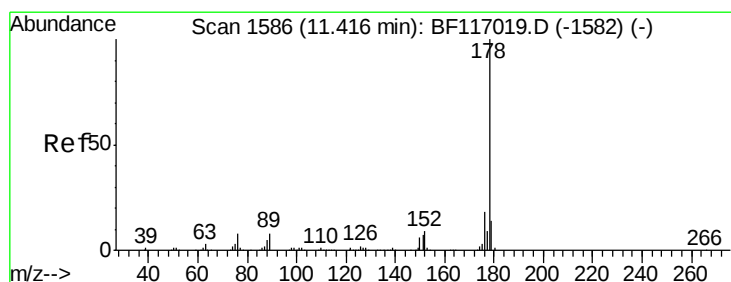
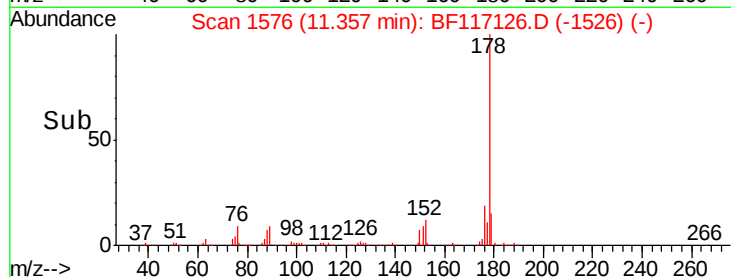
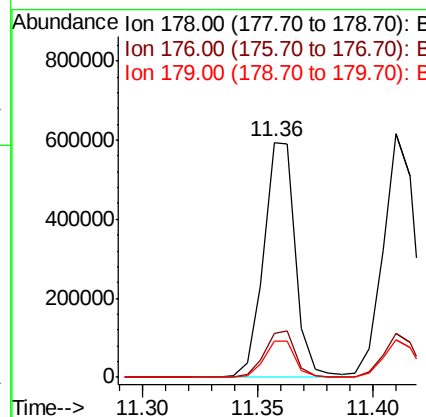
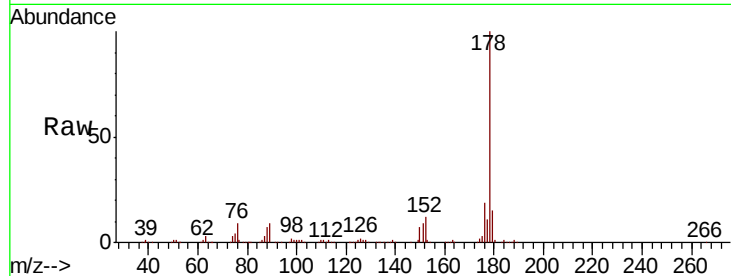
#71
Phenanthrene
Concen: 44.095 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

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

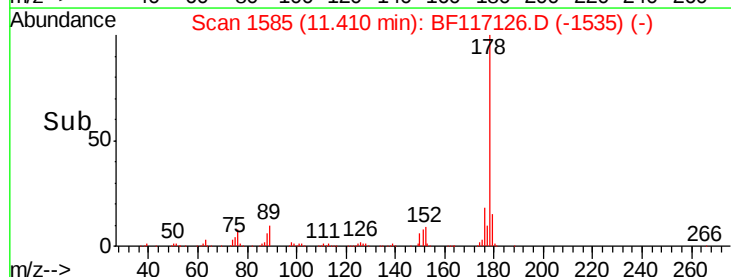
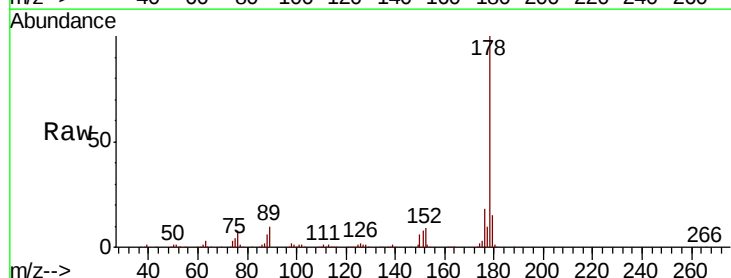
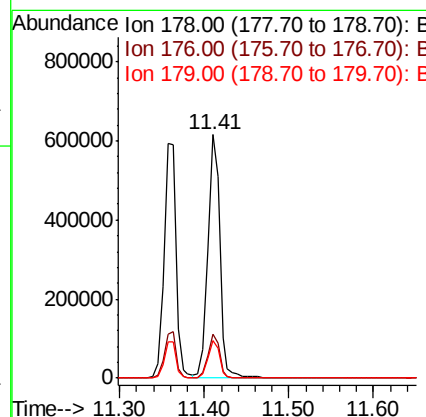
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#72
Anthracene
Concen: 45.710 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	15.2	11.6	17.4





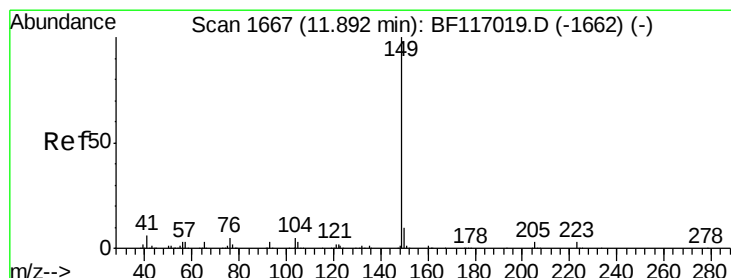
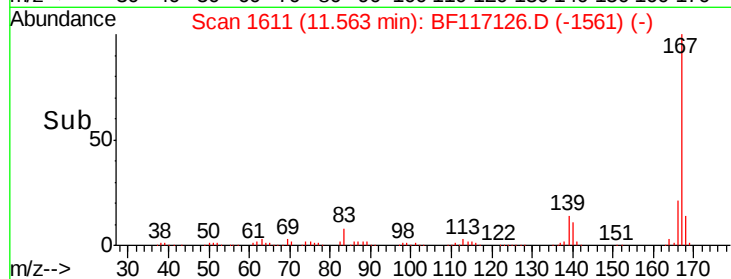
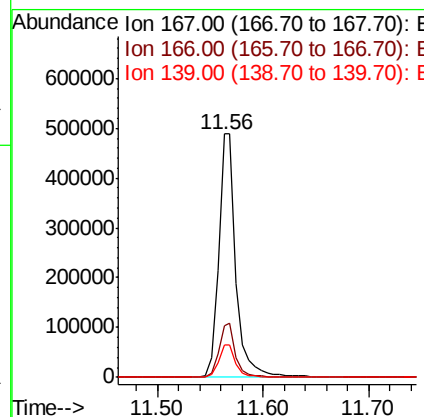
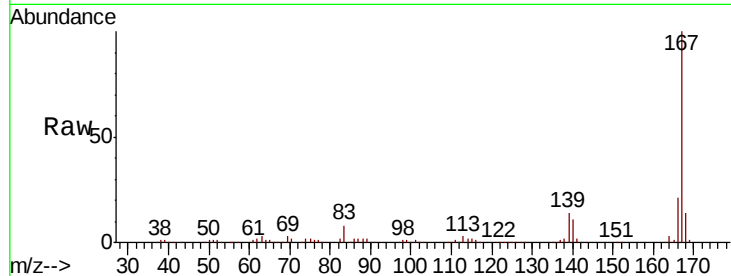
#73
 Carbazole
 Concen: 44.998 ng
 RT: 11.56 min Scan# 1611
 Delta R.T. -0.01 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	13.6	10.6	16.0

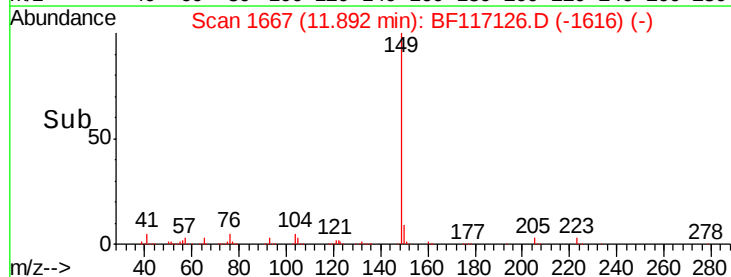
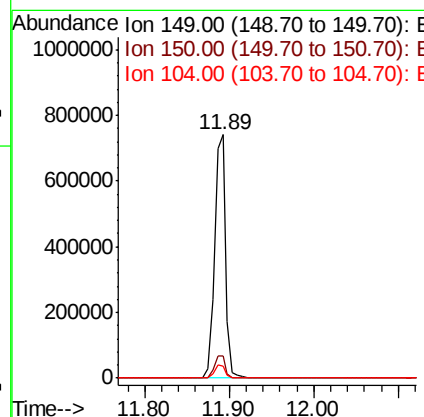
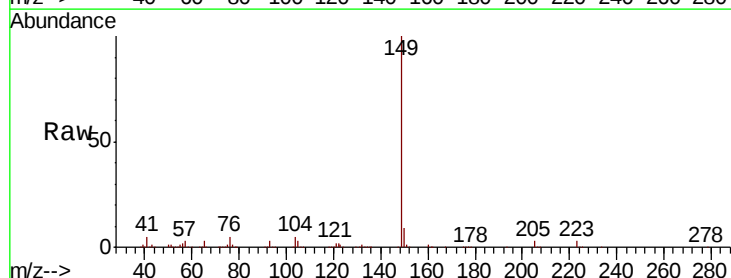
Manual Integrations
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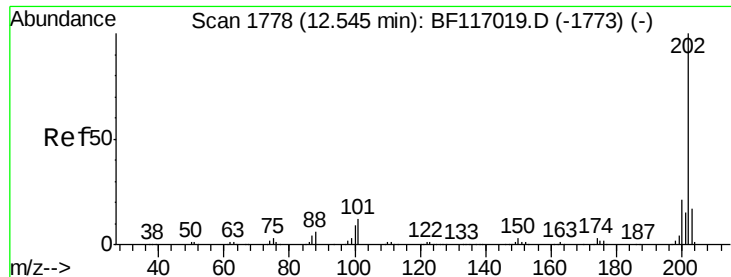
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#74
 Di-n-butylphthalate
 Concen: 45.701 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.00 min
 Lab File: BF117126.D
 Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	5.0	4.2	6.4





#75

Fluoranthene

Concen: 44.103 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

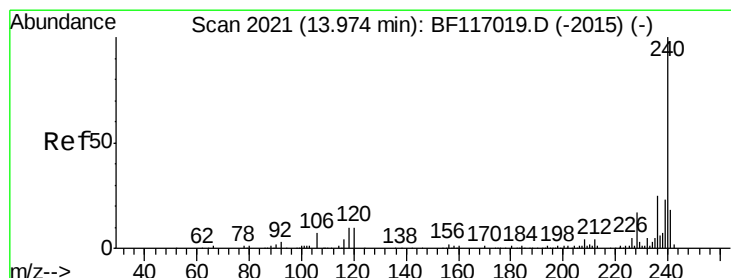
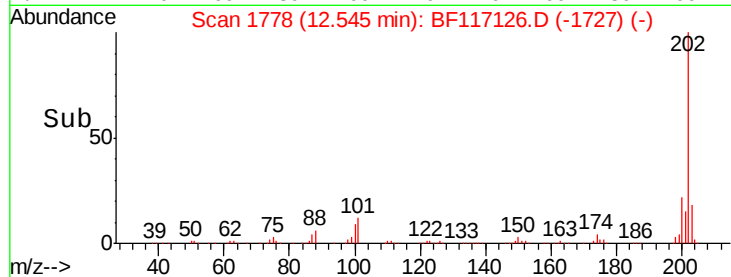
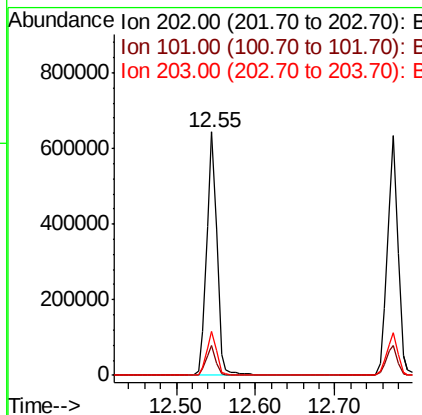
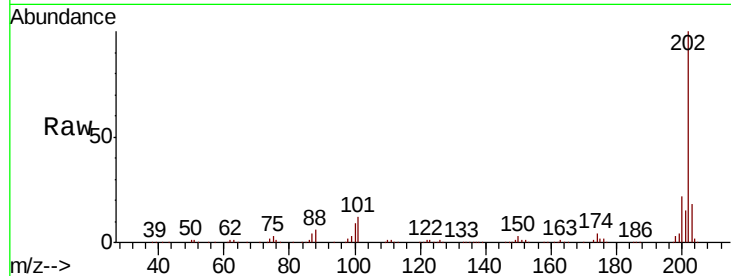
ClientSampleId :

SB-47-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
202	100	586740		
101	12.3	0.0	32.3	
203	18.2	0.0	37.1	

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#76

Chrysene-d12

Concen: 20.000 ng

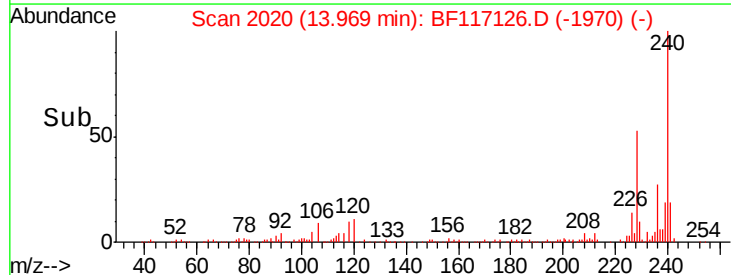
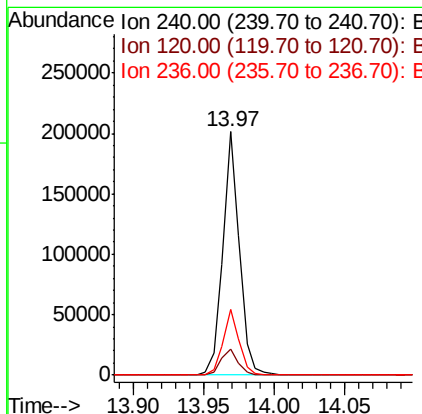
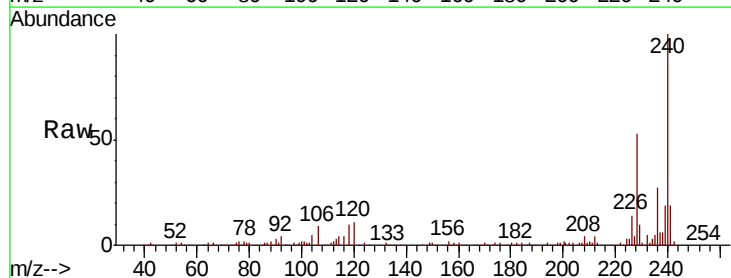
RT: 13.97 min Scan# 2020

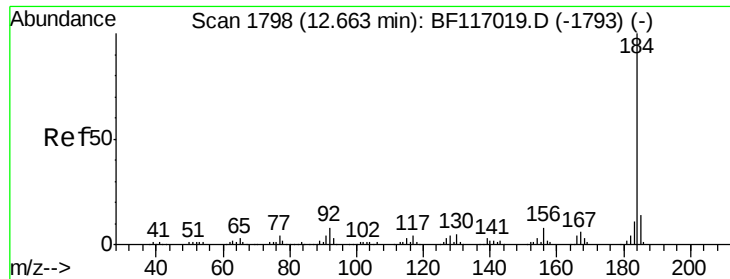
Delta R.T. -0.01 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	165169		
120	10.9	8.3	12.5	
236	26.9	20.3	30.5	





#77

Benzidine

Concen: 35.812 ng

RT: 12.66 min Scan# 1798

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Instrument :

BNA_F

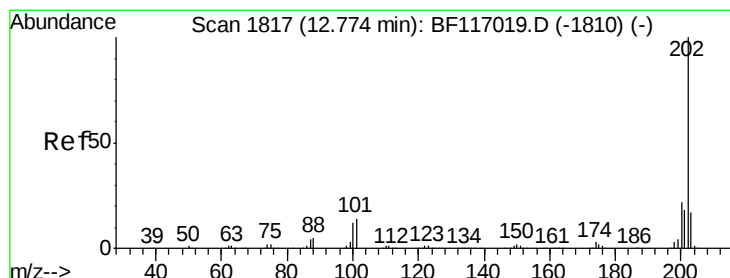
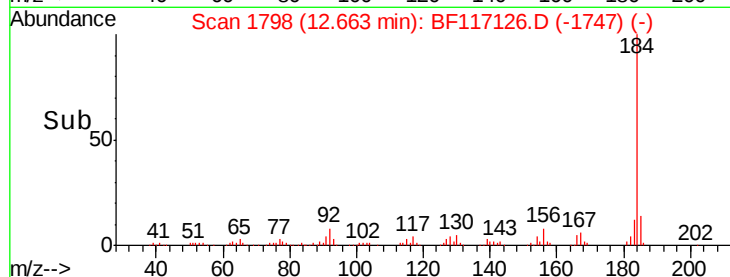
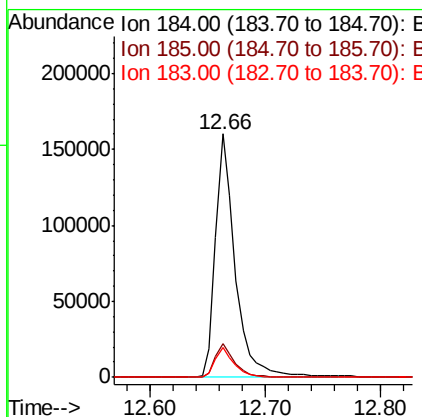
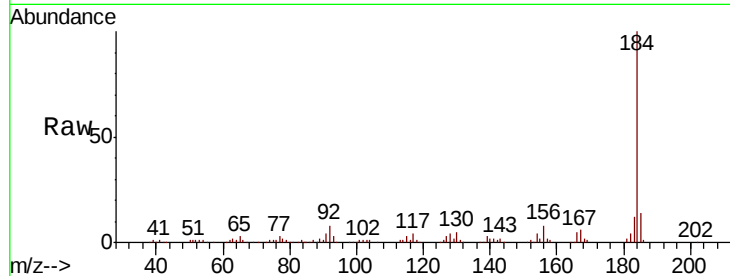
ClientSampleId :

SB-47-COMPMS

Tot Ion:	184	Resp:	190541
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.6	17.4
183	12.1	9.0	13.4

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#78

Pyrene

Concen: 43.663 ng

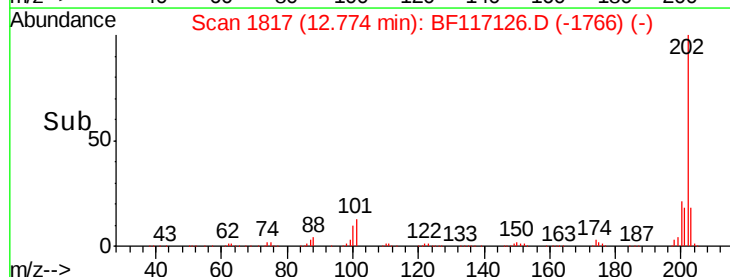
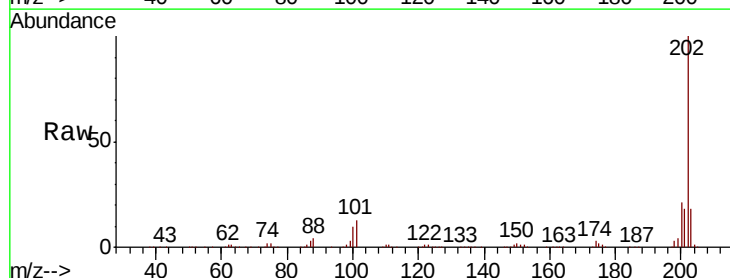
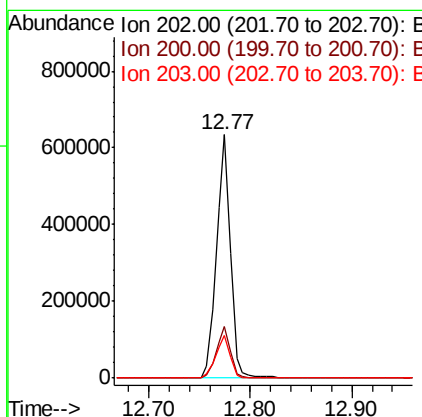
RT: 12.77 min Scan# 1817

Delta R.T. 0.00 min

Lab File: BF117126.D

Acq: 17 Sep 2019 23:56

Tgt Ion:	202	Resp:	605120
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.2	25.8
203	17.5	14.0	21.0





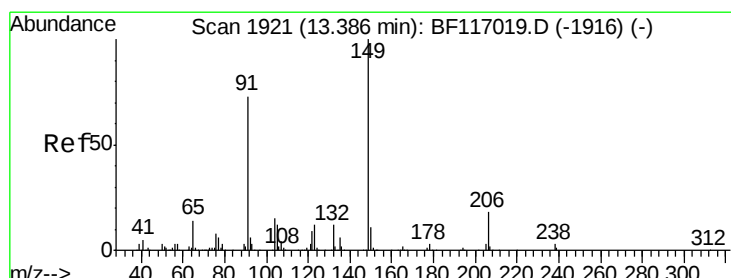
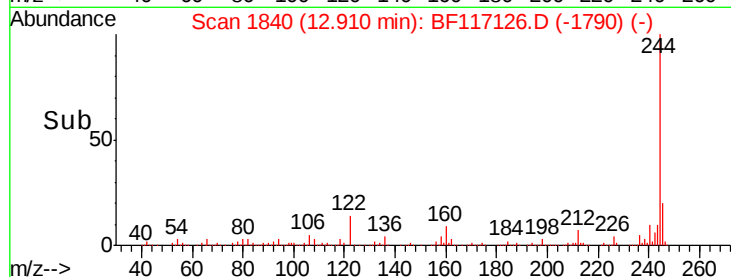
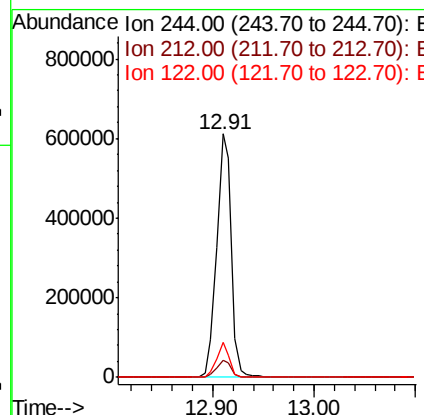
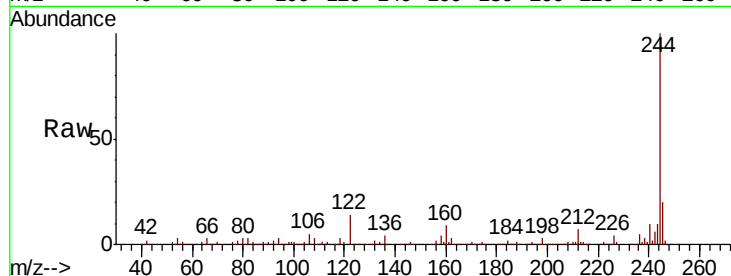
#79
Terphenyl-d14
Concen: 69.238 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	14.2	11.3	16.9

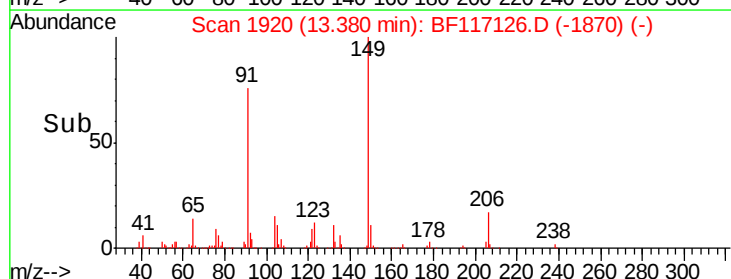
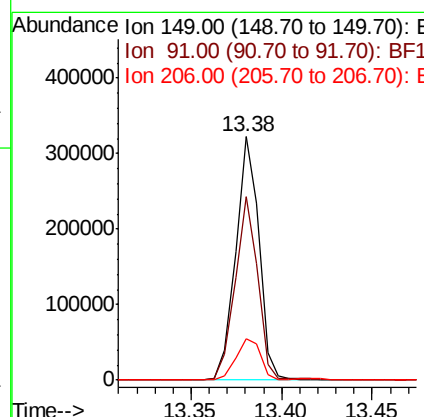
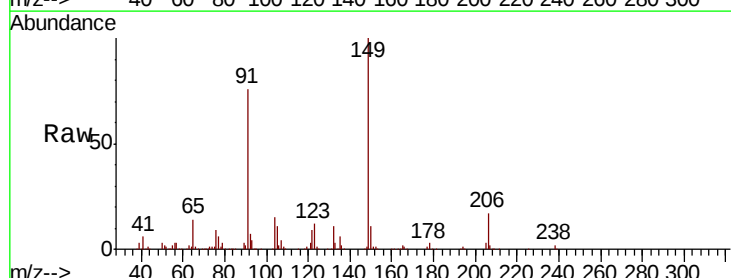
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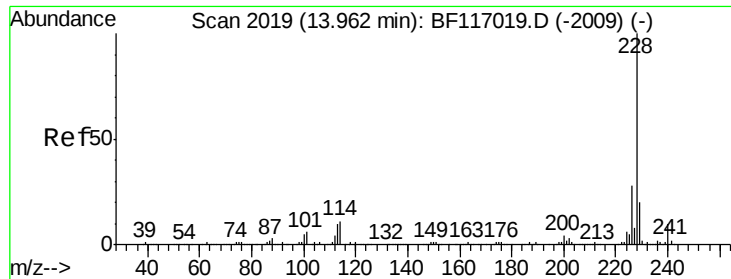
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#80
Butylbenzylphthalate
Concen: 44.135 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.5	58.8	88.2
206	17.0	14.1	21.1





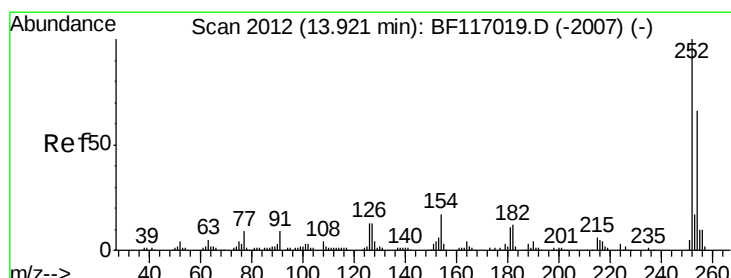
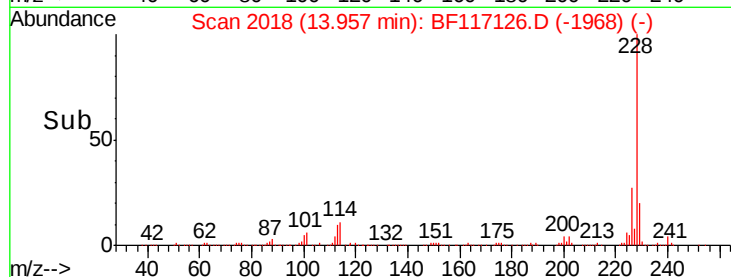
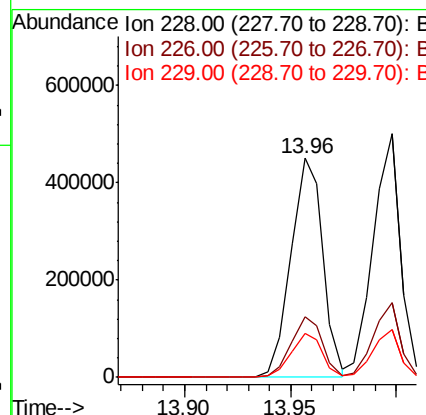
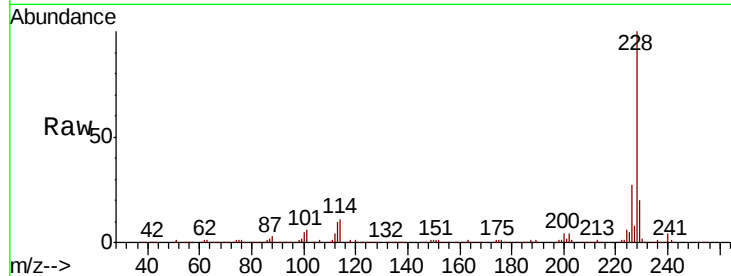
#81
Benzo(a)anthracene
Concen: 43.018 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.3	33.5
229	20.0	15.9	23.9

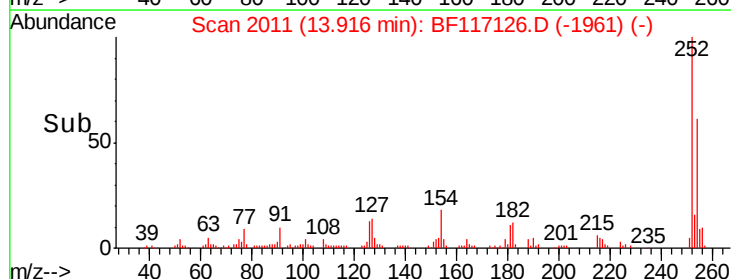
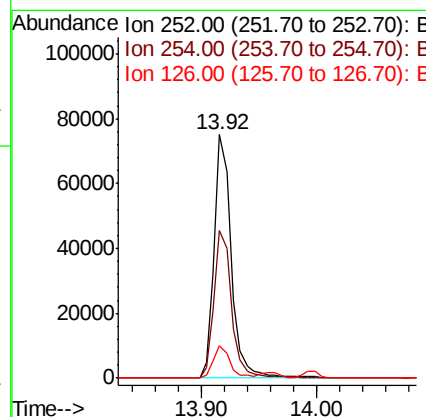
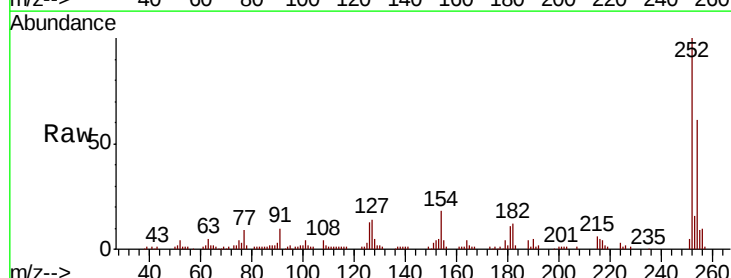
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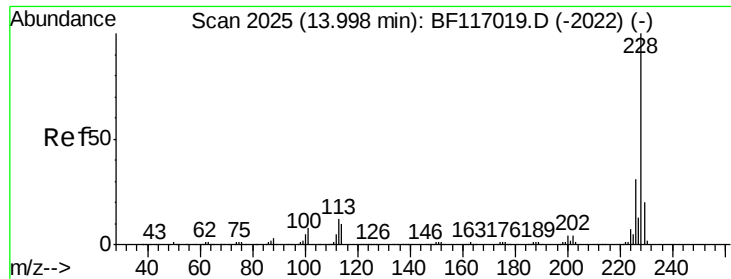
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#82
3,3'-Dichlorobenzidine
Concen: 21.900 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	60.8	52.6	79.0
126	13.3	10.4	15.6





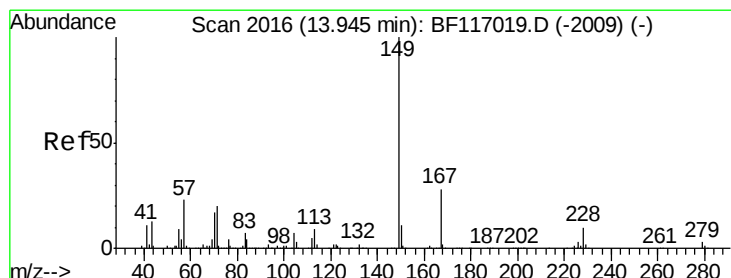
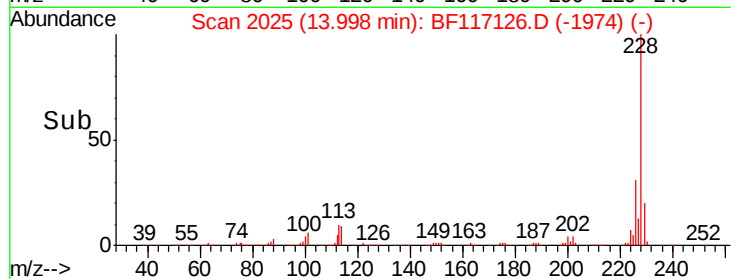
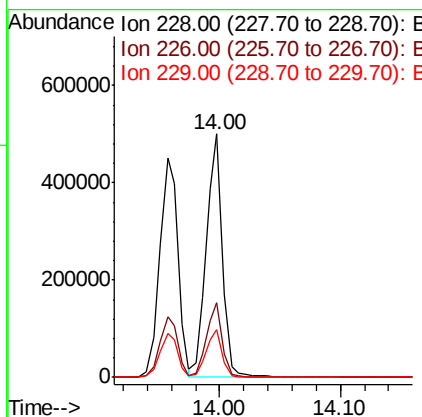
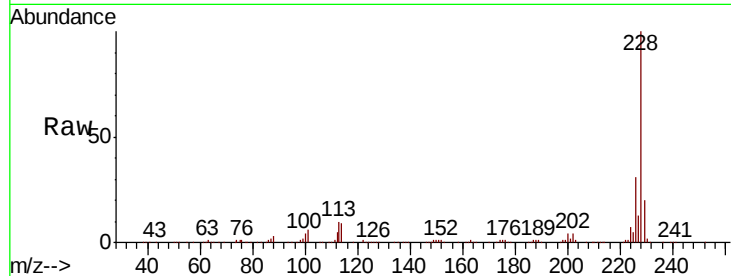
#83
Chrysene
Concen: 42.592 ng
RT: 14.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.8	37.2
229	19.7	15.8	23.8

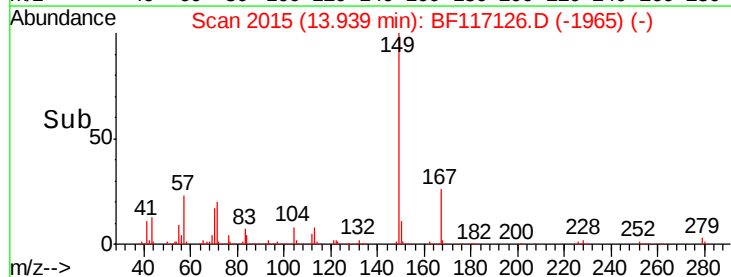
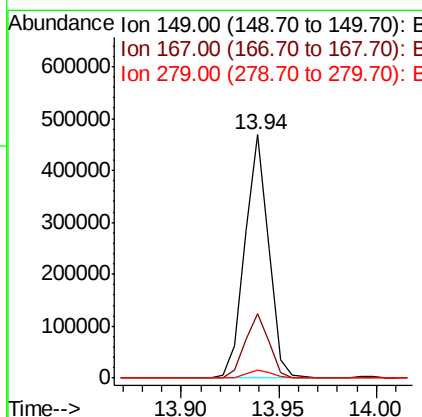
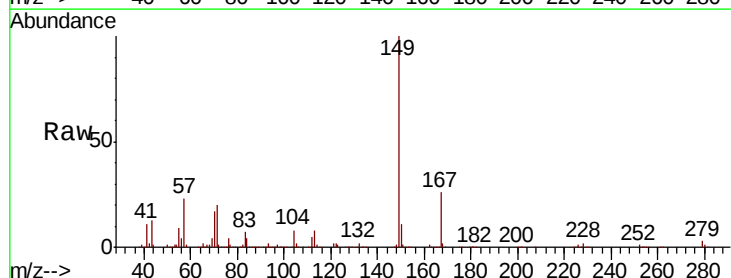
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#84
Bis(2-ethylhexyl)phthalate
Concen: 46.785 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.2	33.2
279	3.2	2.8	4.2





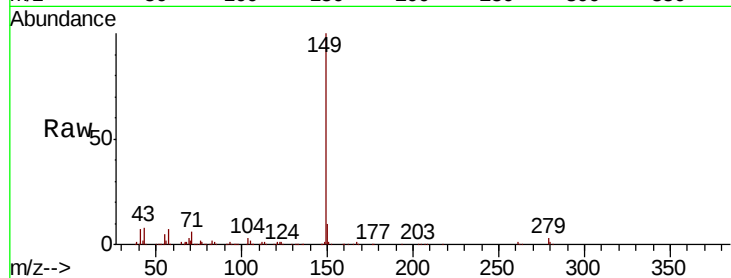
#85
Di-n-octyl phthalate
Concen: 48.854 ng
RT: 14.54 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampled :
SB-47-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	649234		
167	1.4		1.2	1.8
43	7.2		6.2	9.4

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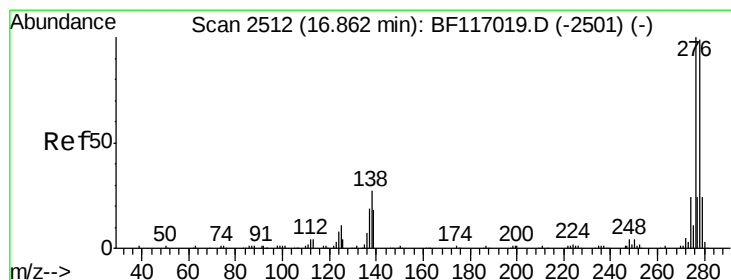
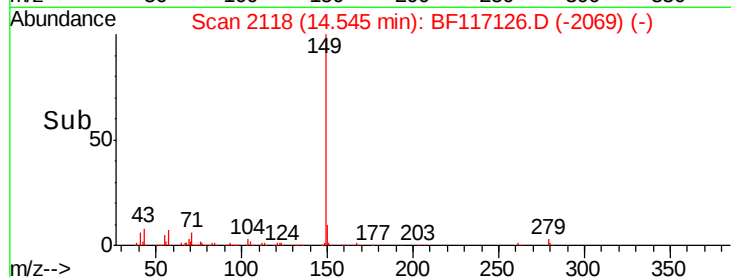
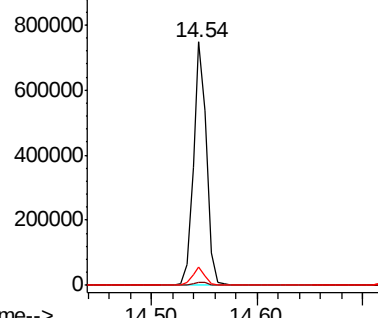


Abundance

Ion 149.00 (148.70 to 149.70): E

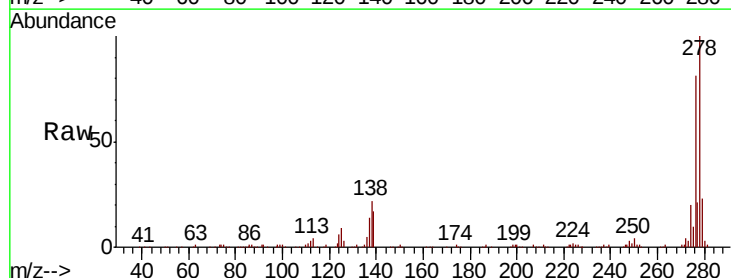
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 48.835 ng
RT: 16.86 min Scan# 2512
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	383457		
138	24.5		20.7	31.1
277	24.9		19.8	29.8

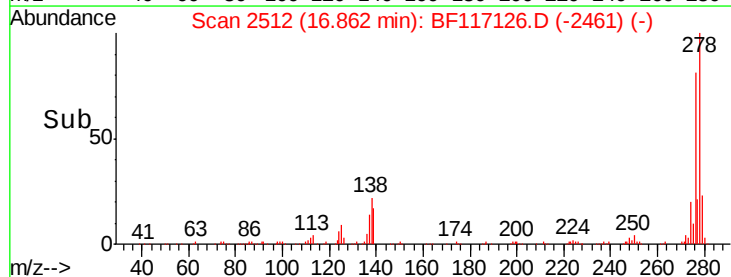
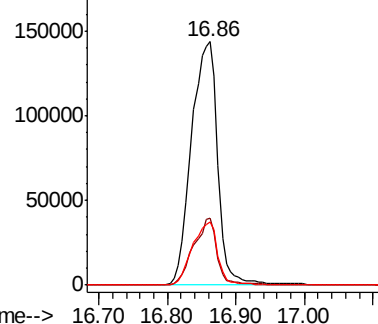


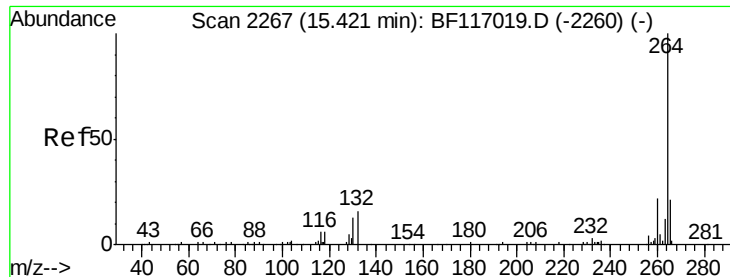
Abundance

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





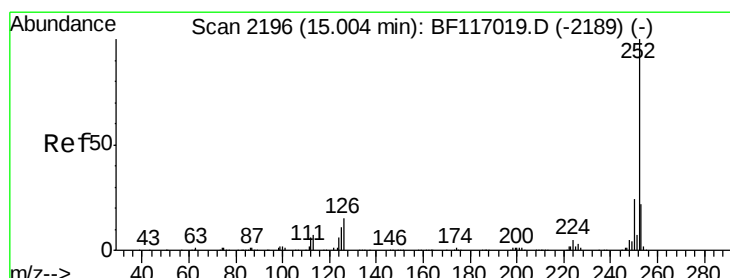
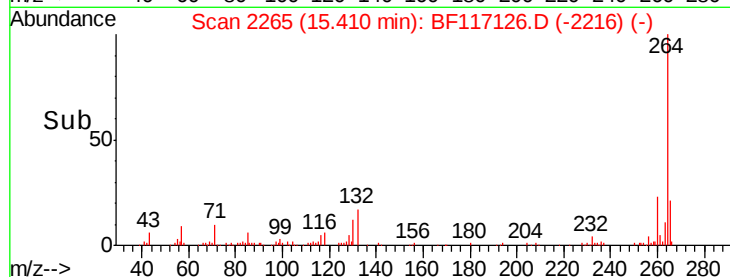
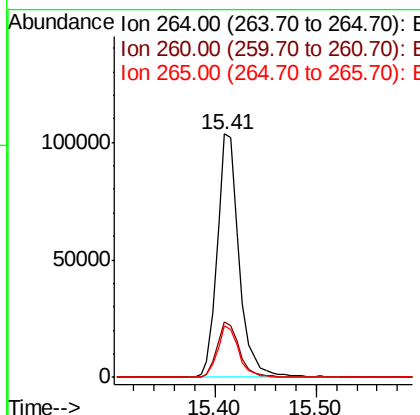
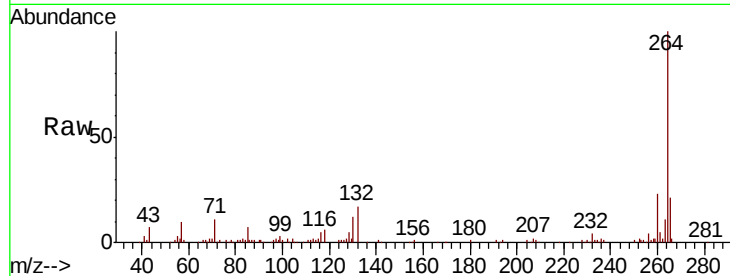
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	17.6	26.4
265	21.0	16.6	24.8

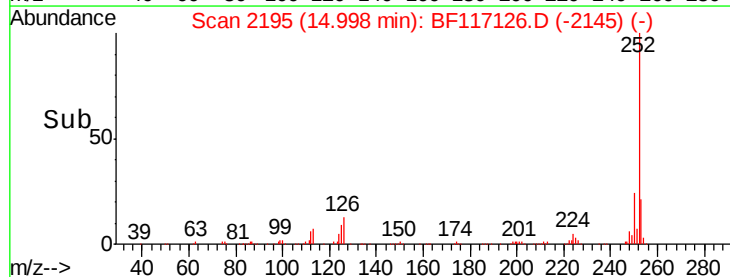
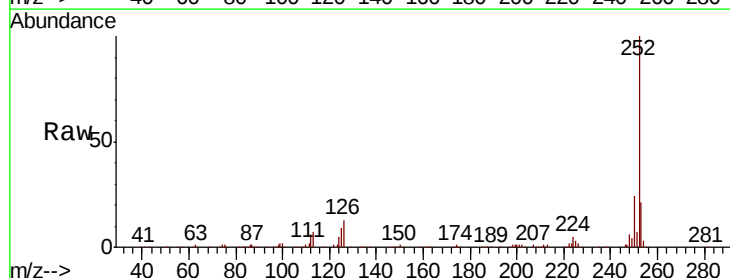
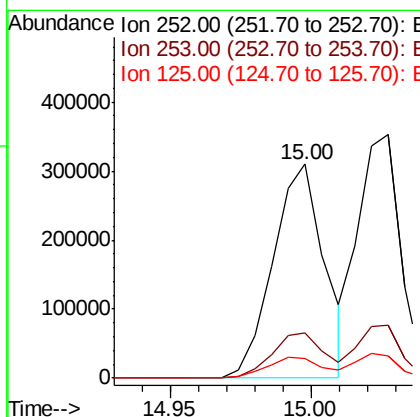
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#88
Benzo(b)fluoranthene
Concen: 41.666 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.6	26.4
125	9.3	8.6	12.8





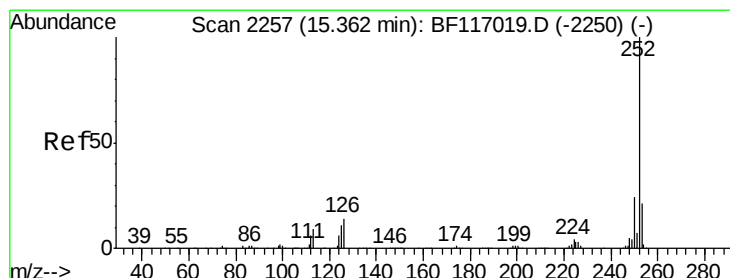
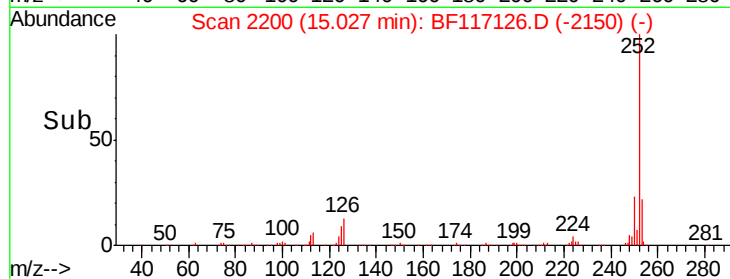
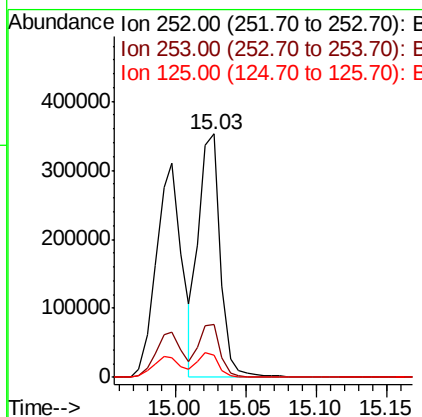
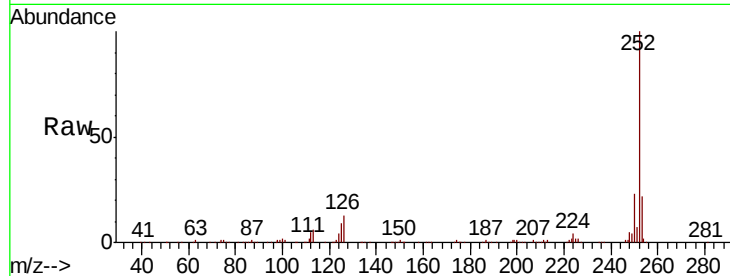
#89
Benzo(k)fluoranthene
Concen: 42.399 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.4	26.2
125	9.0	8.8	13.2

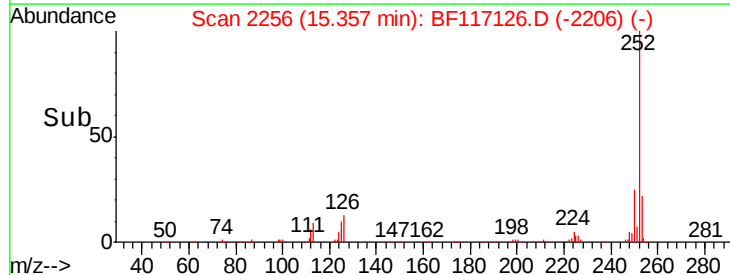
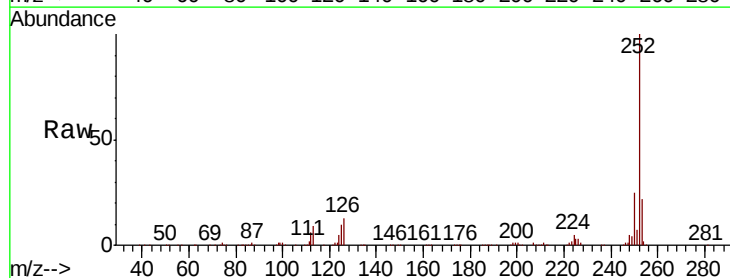
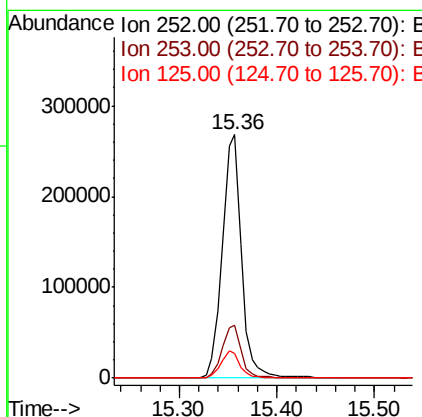
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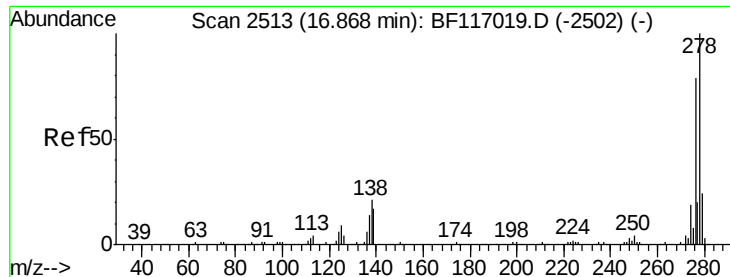
mohammad
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#90
Benzo(a)pyrene
Concen: 44.666 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	16.6	25.0
125	10.0	8.9	13.3





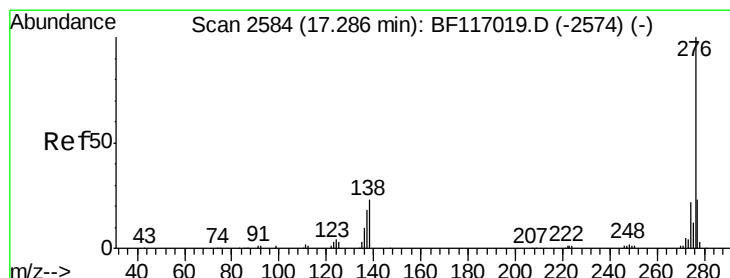
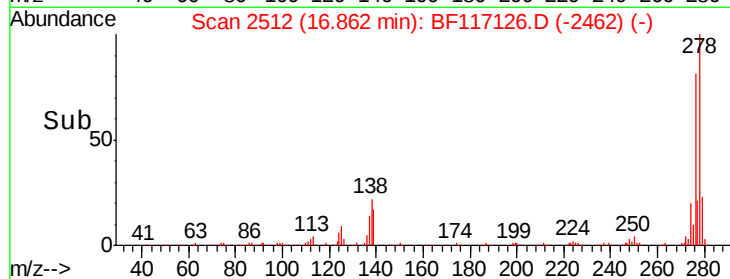
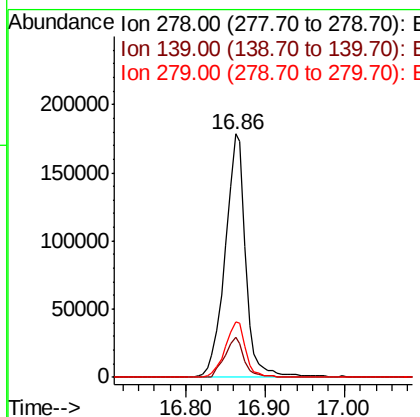
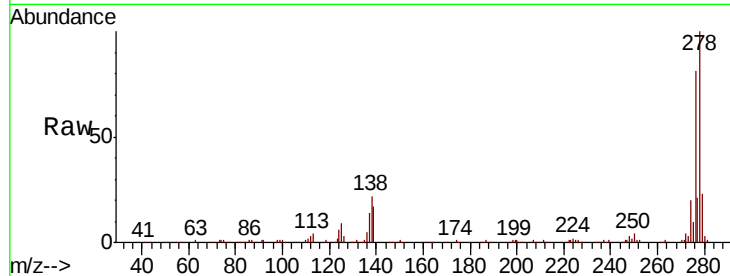
#91
Dibenzo(a,h)anthracene
Concen: 48.856 ng
RT: 16.86 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Instrument :
BNA_F
ClientSampleId :
SB-47-COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.7	13.5	20.3
279	22.9	18.8	28.2

Manual Integrations
APPROVED

mohammad
9/19/2019 4:45:26 PM



#92
Benzo(g,h,i)perylene
Concen: 48.171 ng
RT: 17.29 min Scan# 2584
Delta R.T. 0.00 min
Lab File: BF117126.D
Acq: 17 Sep 2019 23:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	22.8	18.0	27.0

