

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115898.D
 Acq On : 1 Aug 2019 10:56
 Operator : HP/JU
 Sample : PB121853BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BS

Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:47:48 PM

Quant Time: Aug 01 13:57:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	131239	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	545994	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	301242	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	561717	20.00	ng	0.00
76) Chrysene-d12	14.03	240	421613	20.00	ng	0.00
87) Perylene-d12	15.50	264	379118	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	916454	116.90	ng	0.02
7) Phenol-d6	6.50	99	1158390	117.12	ng	0.01
23) Nitrobenzene-d5	7.42	82	769126	81.31	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	357814	122.51	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1354188	84.20	ng	0.00
79) Terphenyl-d14	12.97	244	1670583	83.49	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.68	88	155096	39.161	ng	99
3) Pyridine	3.43	79	400420	36.194	ng	99
4) n-Nitrosodimethylamine	3.38	42	180927	41.440	ng	98
6) Aniline	6.52	93	466670	32.945	ng	# 90
8) 2-Chlorophenol	6.65	128	399667	46.103	ng	100
9) Benzaldehyde	6.40	77	231347	33.899	ng	98
10) Phenol	6.51	94	510020	43.787	ng	87
11) bis(2-Chloroethyl)ether	6.59	93	379814	44.353	ng	98
12) 1,3-Dichlorobenzene	6.80	146	421856	42.107	ng	99
13) 1,4-Dichlorobenzene	6.87	146	427729	42.639	ng	98
14) 1,2-Dichlorobenzene	7.03	146	397463	43.030	ng	99
15) Benzyl Alcohol	7.00	79	352783	46.999	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	506962	43.402	ng	96
17) 2-Methylphenol	7.11	107	339936	46.310	ng	99
18) Hexachloroethane	7.37	117	157574	42.665	ng	98
19) n-Nitroso-di-n-propylamine	7.27	70	272662	44.486	ng	98
20) 3+4-Methylphenols	7.26	107	399760	46.021	ng	# 84
22) Acetophenone	7.26	105	535799	44.745	ng	98
24) Nitrobenzene	7.43	77	443726	43.446	ng	99
25) Isophorone	7.67	82	802279	44.357	ng	99
26) 2-Nitrophenol	7.75	139	220866	45.876	ng	99
27) 2,4-Dimethylphenol	7.79	122	367466	50.733	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	493272	44.001	ng	99
29) 2,4-Dichlorophenol	8.00	162	355196	46.444	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	372591	42.739	ng	100
31) Naphthalene	8.16	128	1146925	44.639	ng	100
32) Benzoic acid	7.93	122	212610	41.634	ng	99
33) 4-Chloroaniline	8.20	127	298030	25.961	ng	100
34) Hexachlorobutadiene	8.27	225	206466	41.117	ng	99
35) Caprolactam	8.59	113	114920m	46.460	ng	
36) 4-Chloro-3-methylphenol	8.70	107	379674	47.721	ng	98
37) 2-Methylnaphthalene	8.85	142	785248	46.406	ng	99
38) 1-Methylnaphthalene	8.95	142	727556	45.449	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	355519	44.145	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	234675	66.027	ng	99
43) 2,4,6-Trichlorophenol	9.14	196	241622	43.588	ng	97
44) 2,4,5-Trichlorophenol	9.18	196	259276	45.248	ng	98
46) 1,1'-Biphenyl	9.32	154	949089	44.626	ng	100
47) 2-Chloronaphthalene	9.35	162	754572	42.629	ng	99
48) 2-Nitroaniline	9.44	65	247329	42.273	ng	91
49) Acenaphthylene	9.76	152	1179265	45.666	ng	99
50) Dimethylphthalate	9.62	163	919139	44.812	ng	100
51) 2,6-Dinitrotoluene	9.68	165	207406	46.530	ng	88
52) Acenaphthene	9.93	154	697845	44.048	ng	99
53) 3-Nitroaniline	9.85	138	172424	31.306	ng	92
54) 2,4-Dinitrophenol	9.97	184	157030	70.313	ng	92
55) Dibenzofuran	10.10	168	1057136	45.884	ng	97
56) 4-Nitrophenol	10.03	139	305575	86.608	ng	97
57) 2,4-Dinitrotoluene	10.09	165	274844	46.311	ng	98
58) Fluorene	10.45	166	816626	46.070	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.23	232	220383	45.715	ng	99
60) Diethylphthalate	10.32	149	883987	46.162	ng	99
61) 4-Chlorophenyl-phenylether	10.44	204	411950	45.888	ng	95
62) 4-Nitroaniline	10.47	138	234226	41.151	ng	96
63) Azobenzene	10.60	77	918793	46.647	ng	97
65) 4,6-Dinitro-2-methylphenol	10.50	198	132244	44.426	ng	91
66) n-Nitrosodiphenylamine	10.56	169	744613	44.041	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	259884	43.219	ng	94
68) Hexachlorobenzene	11.00	284	288494	41.490	ng	96
69) Atrazine	11.09	200	246351	44.291	ng	100
70) Pentachlorophenol	11.20	266	292863	86.754	ng	98
71) Phenanthrene	11.41	178	1250580	43.550	ng	99
72) Anthracene	11.46	178	1285482	44.232	ng	99
73) Carbazole	11.62	167	1155945	43.842	ng	100
74) Di-n-butylphthalate	11.95	149	1412874	45.936	ng	100
75) Fluoranthene	12.60	202	1363885	45.368	ng	97
77) Benzidine	12.72	184	582792	40.915	ng	97
78) Pyrene	12.83	202	1389615	43.724	ng	100
80) Butylbenzylphthalate	13.44	149	628363	46.740	ng	97
81) Benzo(a)anthracene	14.02	228	1177052	43.679	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	296166	31.634	ng	98
83) Chrysene	14.06	228	1130228	43.201	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	858539	49.143	ng	99
85) Di-n-octyl phthalate	14.61	149	1356699	48.892	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	931705	42.401	ng	99
88) Benzo(b)fluoranthene	15.07	252	1065605	48.611	ng	98
89) Benzo(k)fluoranthene	15.10	252	968340	45.353	ng	99
90) Benzo(a)pyrene	15.44	252	939071	47.922	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	768233	45.291	ng	99
92) Benzo(g,h,i)perylene	17.43	276	779031	46.765	ng	98

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



#1

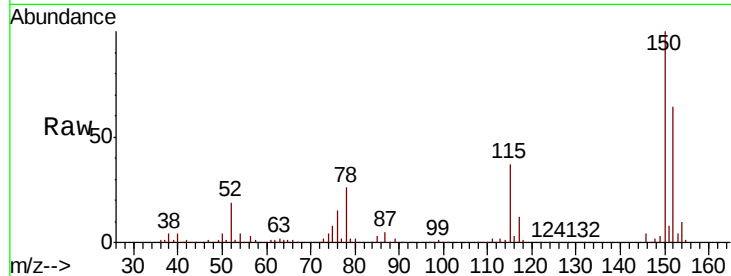
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	127.4	191.0
115	57.9	51.8	77.8

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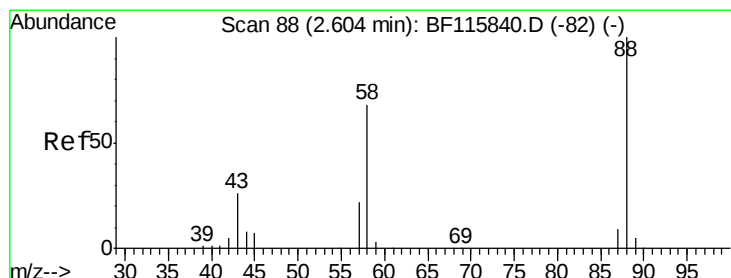
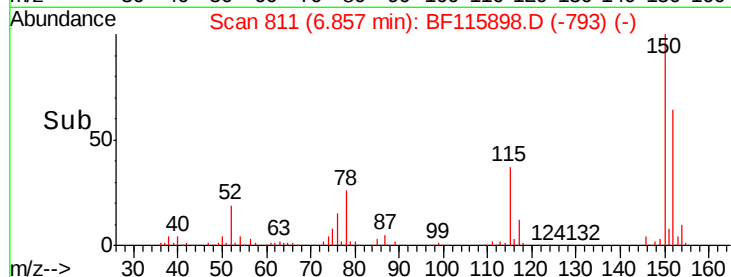
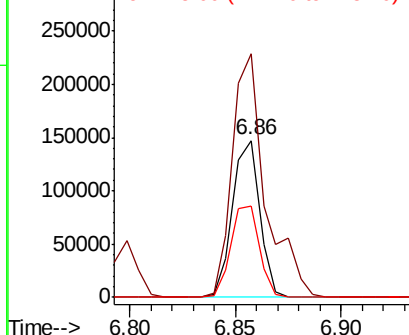


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

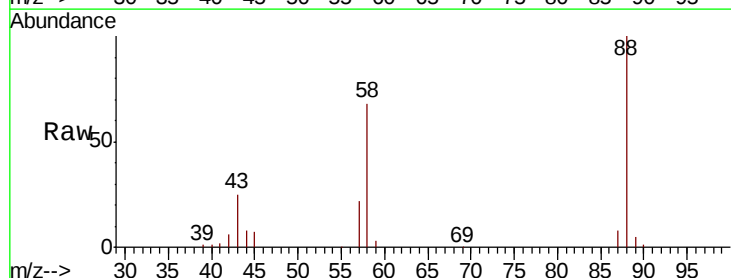
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 39.161 ng
RT: 2.68 min Scan# 100
Delta R.T. 0.07 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.2	54.1	81.1
43	25.9	20.7	31.1

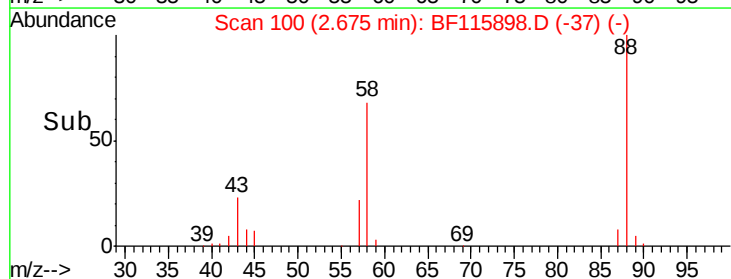
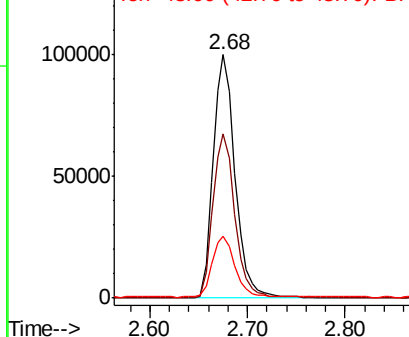


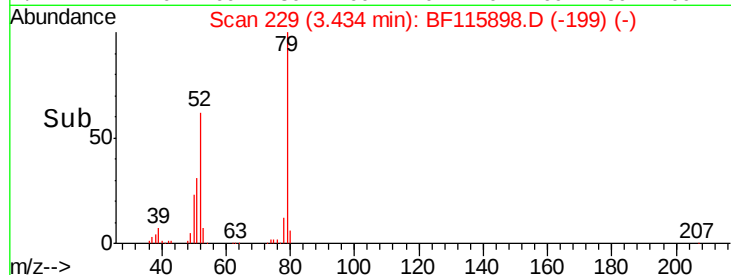
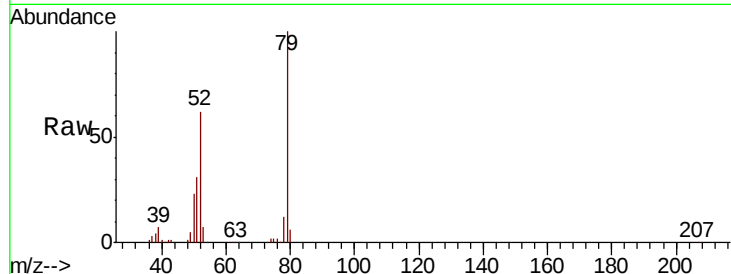
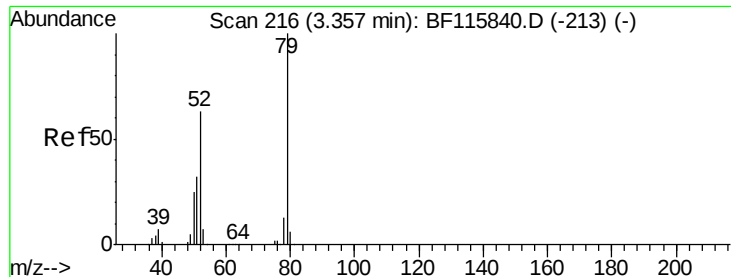
Abundance

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





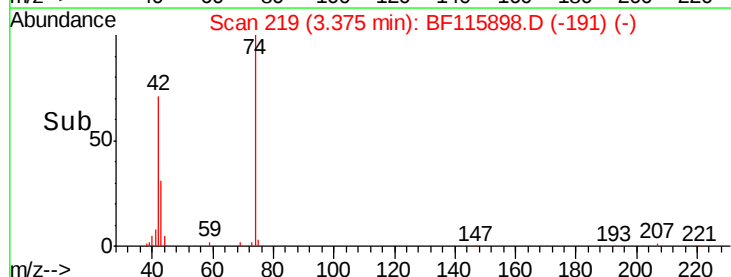
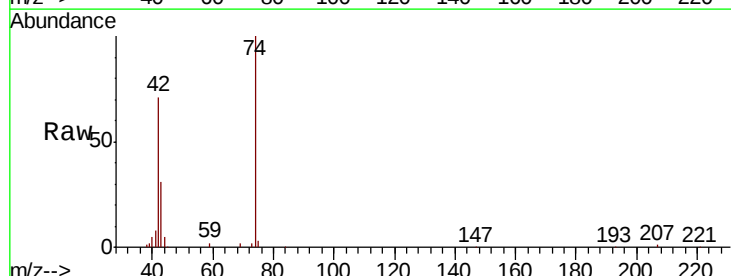
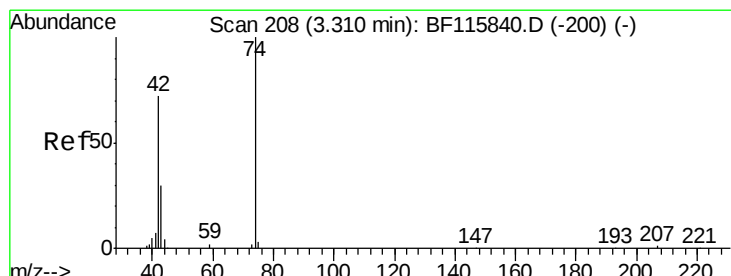
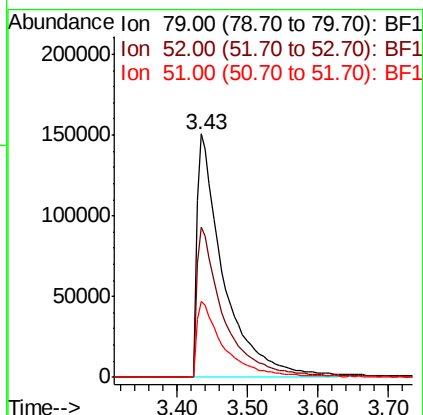
#3
Pvridine
Concen: 36.194 ng
RT: 3.43 min Scan# 229
Delta R.T. 0.08 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tot Ion	Ratio	Resp	Lower	Upper
79	100	400420		
52	61.9		50.2	75.4
51	31.2		25.8	38.6

Instrument :
BNA_F
ClientSampleId :
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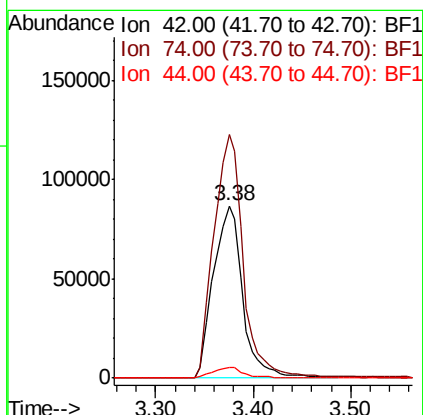
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#4
n-Nitrosodimethylamine
Concen: 41.440 ng
RT: 3.38 min Scan# 219
Delta R.T. 0.06 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
42	100	180927		
74	141.5		111.0	166.4
44	6.4		4.7	7.1





#5

2-Fluorophenol

Concen: 116.901 ng

RT: 5.49 min Scan# 578

Delta R.T. 0.02 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

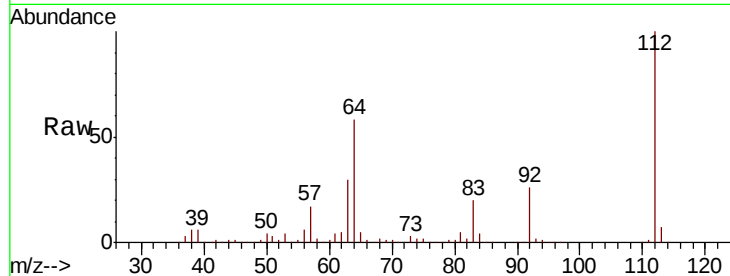
ClientSampleId :

PB121853BS

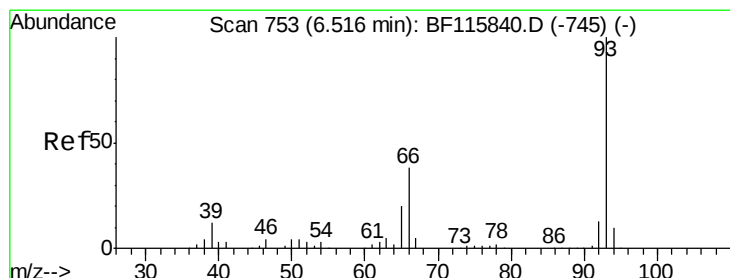
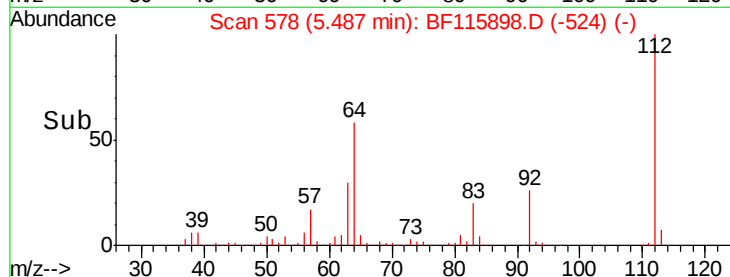
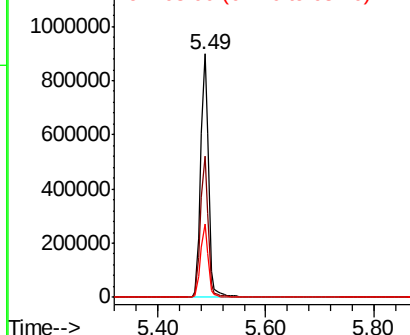
Tot Ion:	112	Resp:	916454
Ion Ratio	Lower	Upper	
112	100		
64	58.2	46.8	70.2
63	30.2	24.2	36.2

Manual Integrations
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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: 32.945 ng

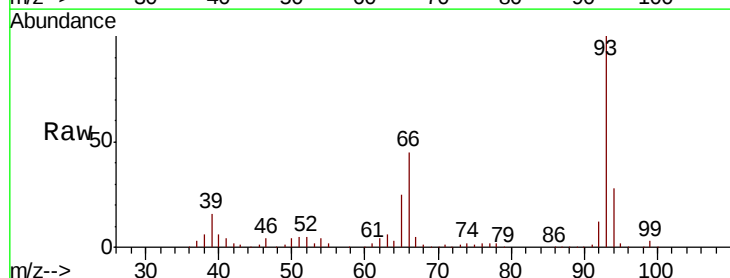
RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

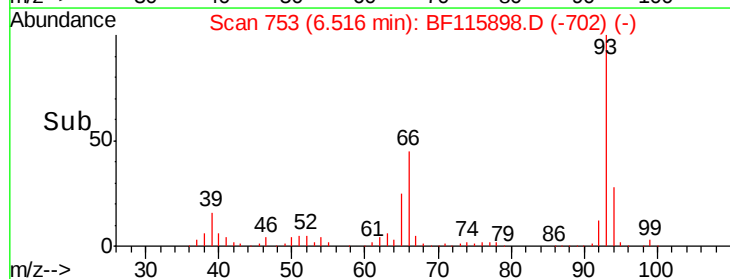
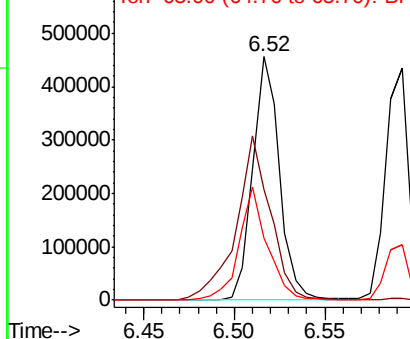
Lab File: BF115898.D

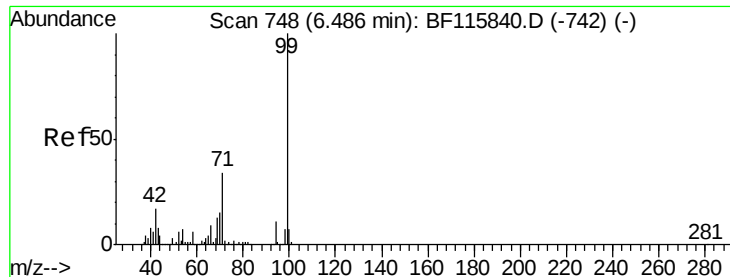
Acq: 1 Aug 2019 10:56

Tgt Ion:	93	Resp:	466670
Ion Ratio	Lower	Upper	
93	100		
66	45.5	31.4	47.0
65	25.3	16.5	24.7



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: 117.116 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

PB121853BS

Tot Ion: 99 Resp: 1158390

Ion Ratio Lower Upper

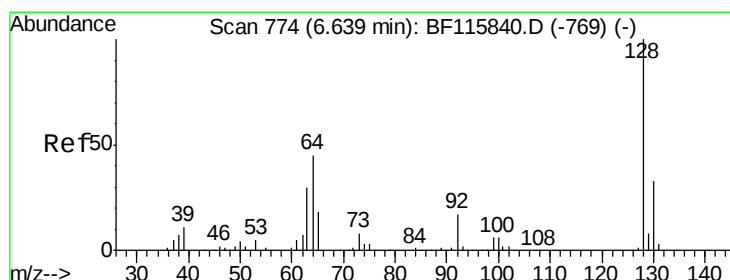
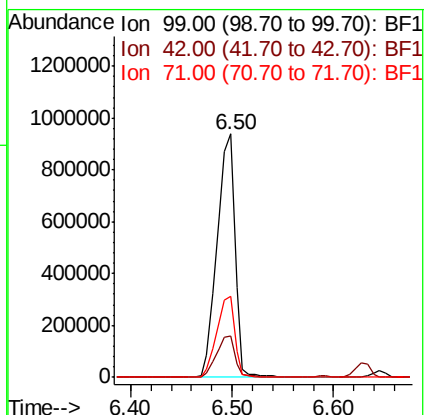
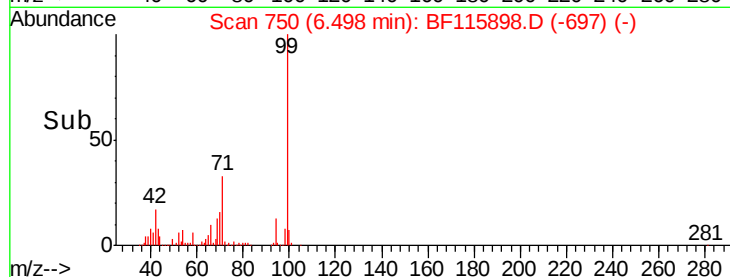
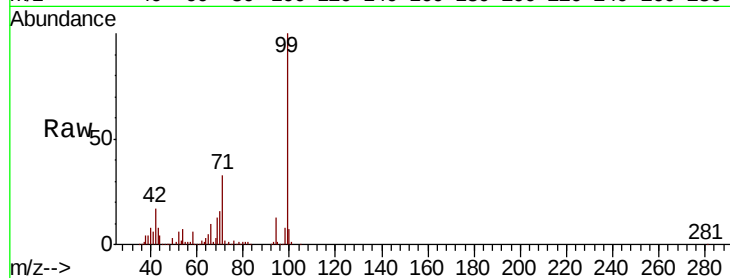
99 100

42 16.8 13.8 20.6

71 33.3 27.1 40.7

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#8

2-Chlorophenol

Concen: 46.103 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

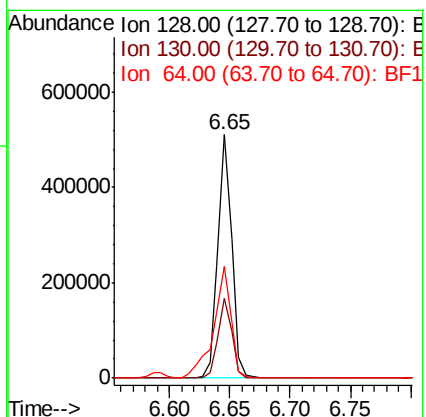
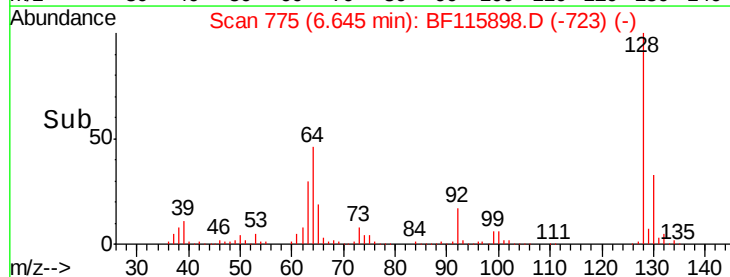
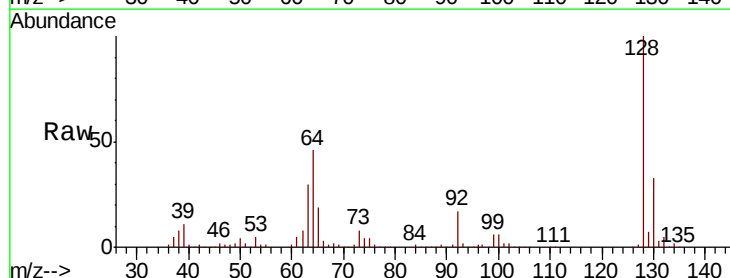
Tgt Ion: 128 Resp: 399667

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

64 46.1 26.1 66.1





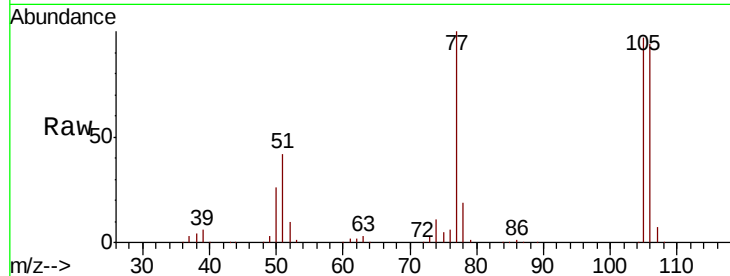
#9
Benzaldehyde
Concen: 33.899 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

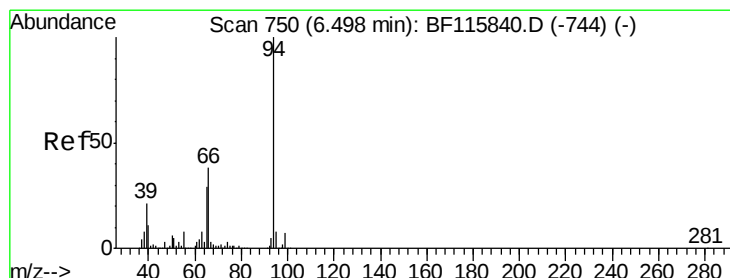
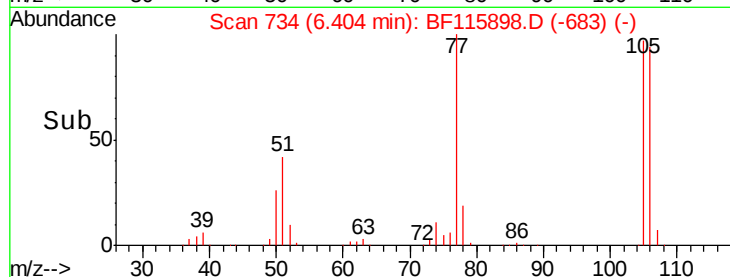
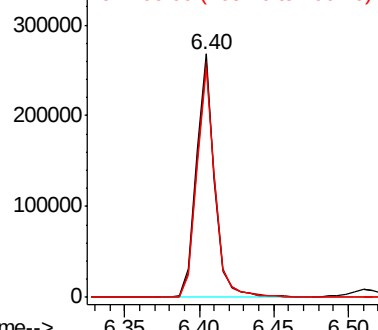
Tot Ion	Ratio	Lower	Upper
77	100		
105	97.1	79.0	119.0
106	94.3	76.2	116.2

Manual Integrations
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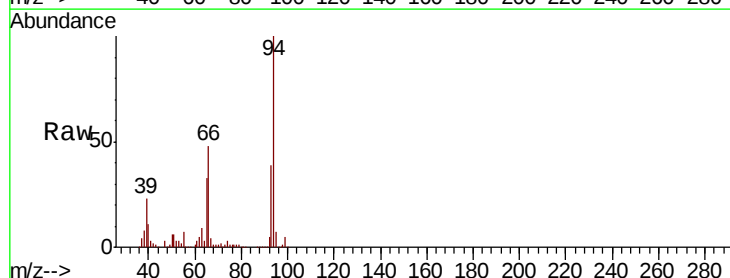


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

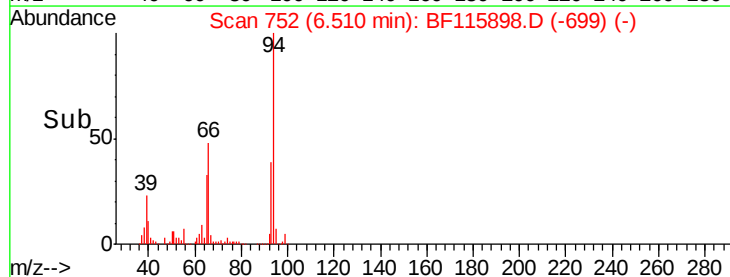
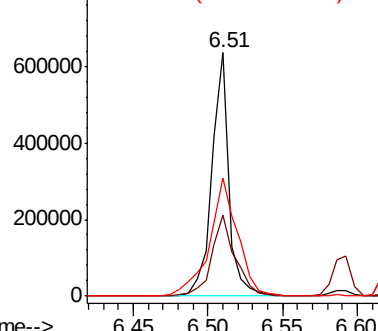


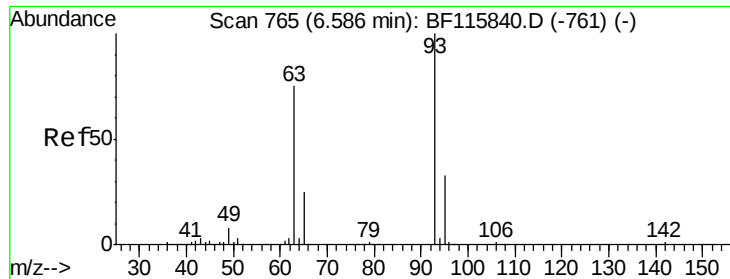
#10
Phenol
Concen: 43.787 ng
RT: 6.51 min Scan# 752
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.3	8.9	48.9
66	48.4	18.0	58.0



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





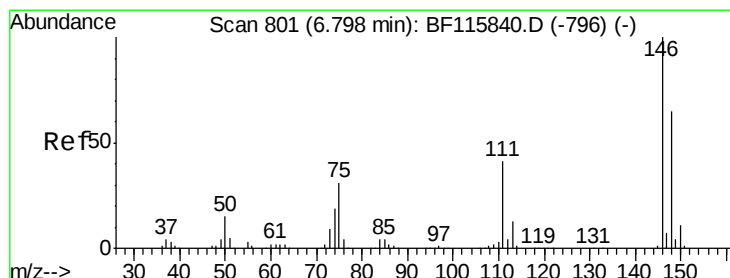
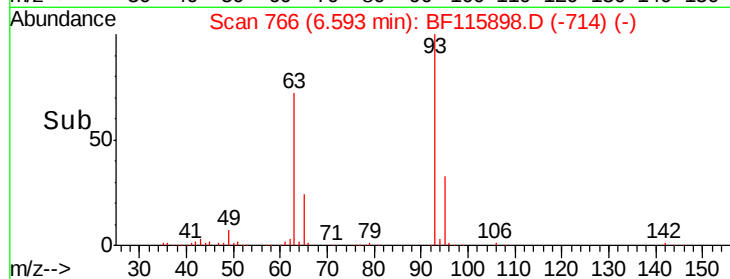
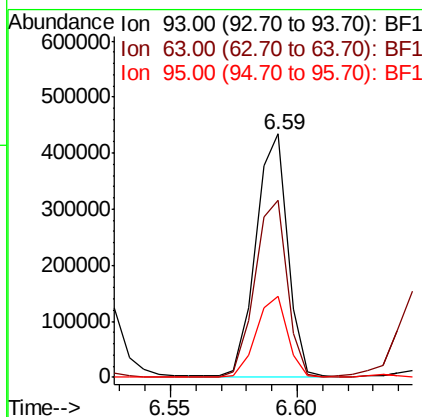
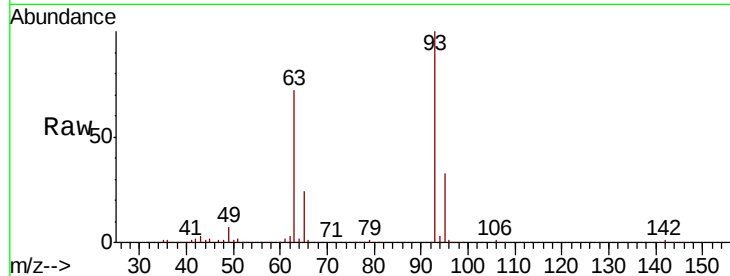
#11
bis(2-Chloroethyl)ether
Concen: 44.353 ng
RT: 6.59 min Scan# 766
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion:	93	Resp:	379814
Ion	Ratio	Lower	Upper
93	100		
63	72.5	54.9	94.9
95	33.3	13.3	53.3

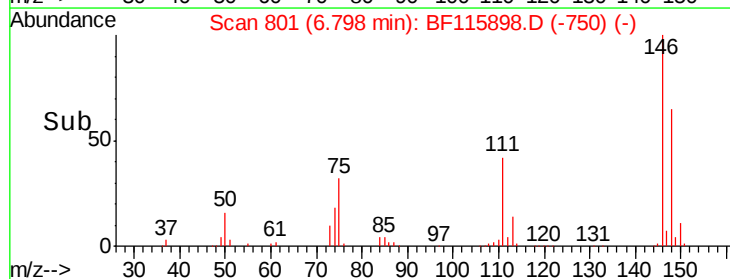
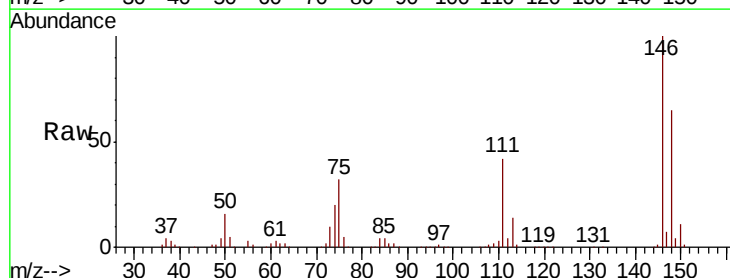
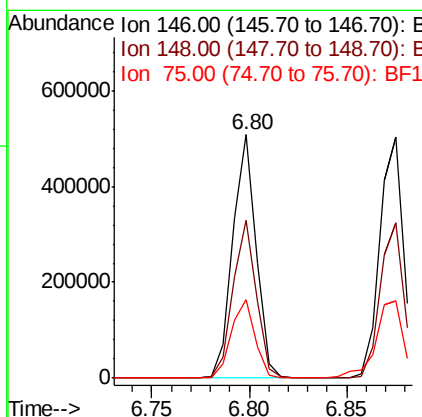
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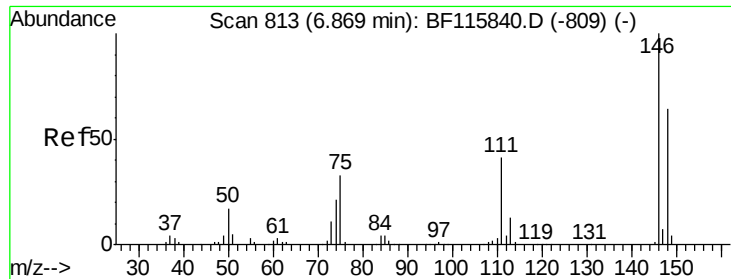
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.107 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:	146	Resp:	421856
Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.1	78.1
75	32.4	25.0	37.6





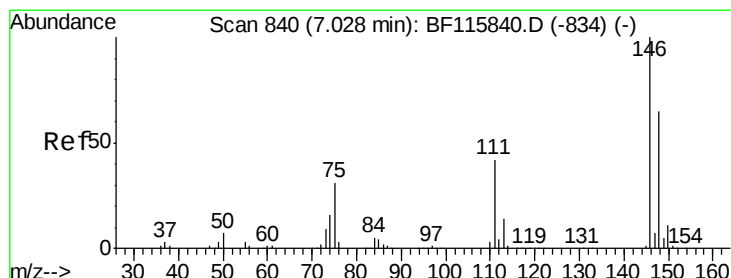
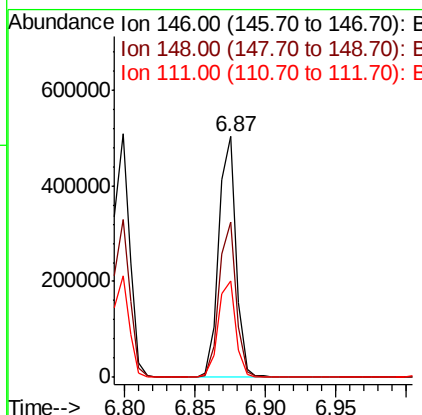
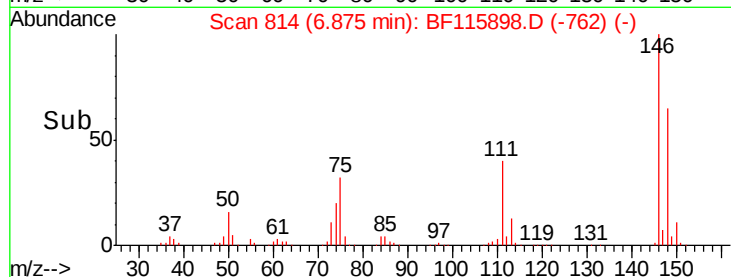
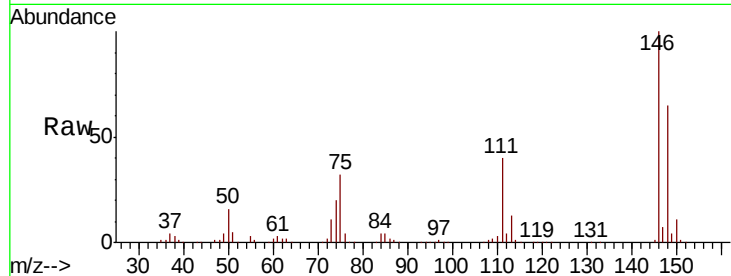
#13
 1,4-Dichlorobenzene
 Concen: 42.639 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.2	76.8
111	39.8	33.2	49.8

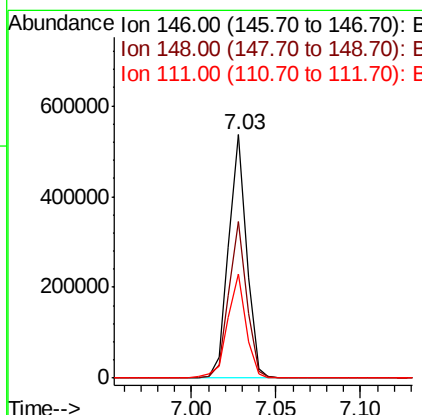
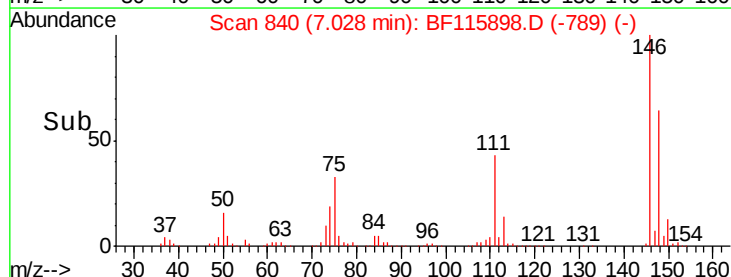
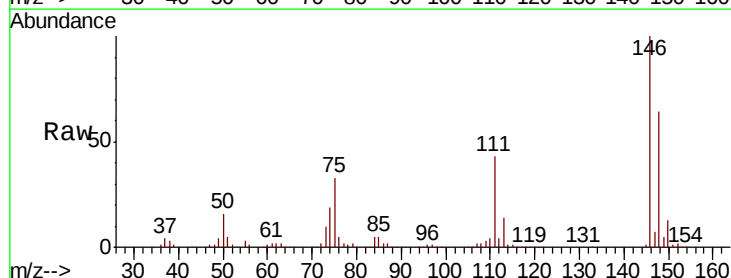
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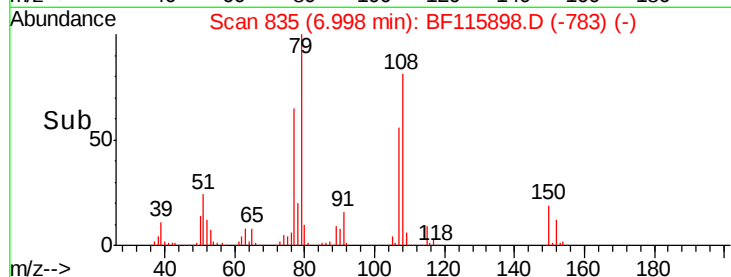
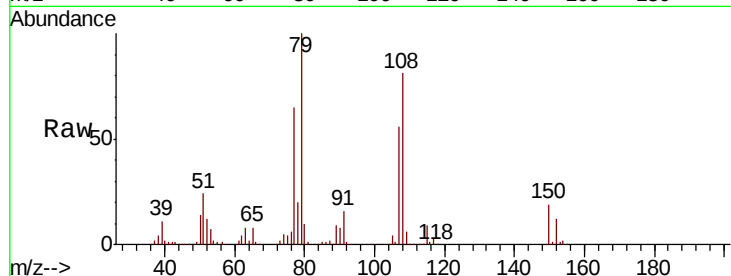
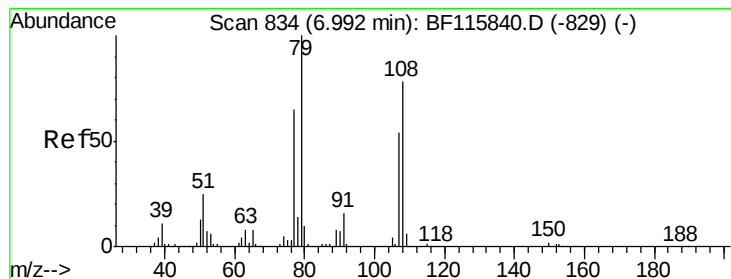
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#14
 1,2-Dichlorobenzene
 Concen: 43.030 ng
 RT: 7.03 min Scan# 840
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.6	77.4
111	42.7	33.6	50.4





#15

Benzyl Alcohol

Concen: 46.999 ng

RT: 7.00 min Scan# 835

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Tot Ion:	79	Resp:	352783
Ion Ratio	Lower	Upper	
79	100		
108	81.2	62.8	94.2
77	64.6	52.0	78.0

Instrument :

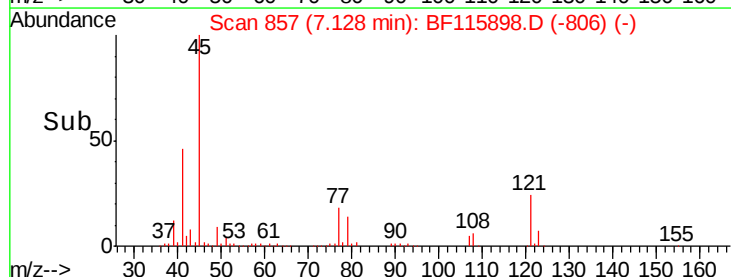
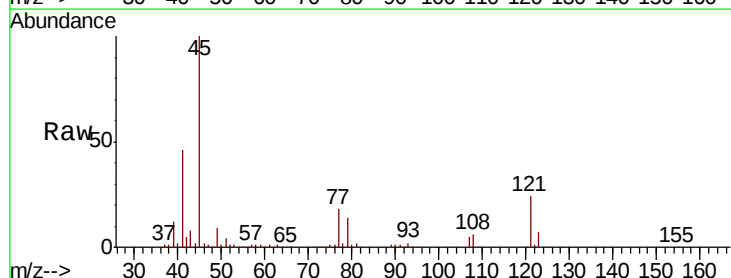
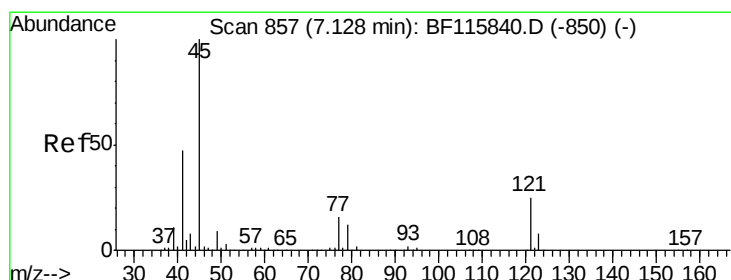
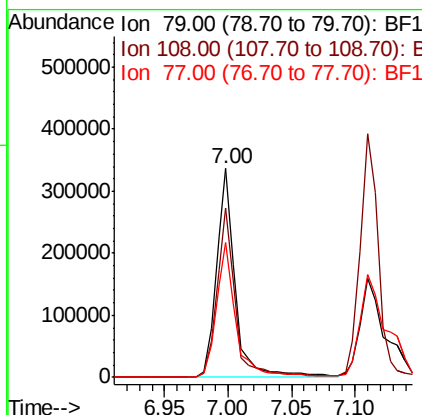
BNA_F

ClientSampleId :

PB121853BS

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 43.402 ng

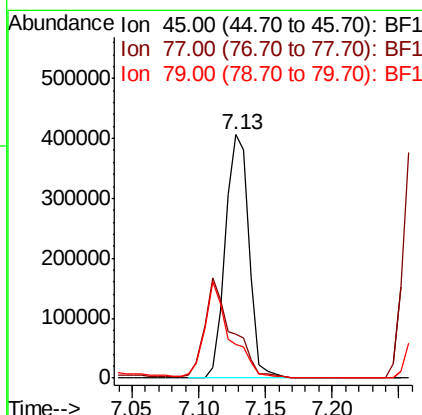
RT: 7.13 min Scan# 857

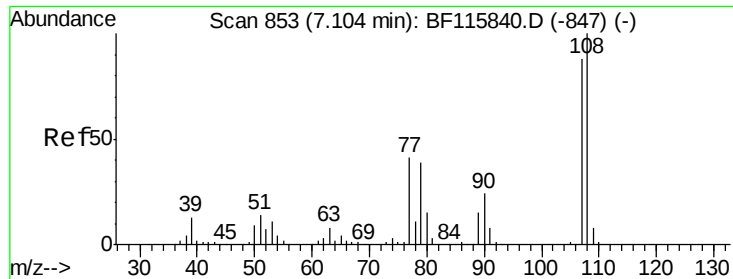
Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Tgt Ion:	45	Resp:	506962
Ion Ratio	Lower	Upper	
45	100		
77	17.9	0.0	36.3
79	13.9	0.0	32.5





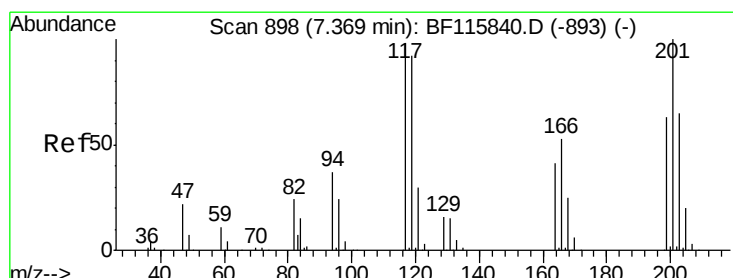
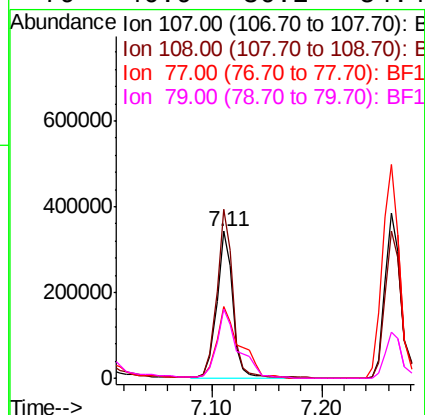
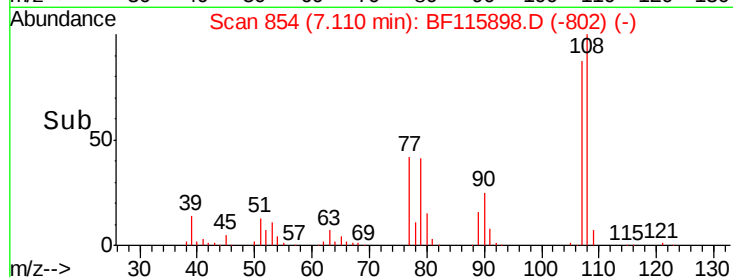
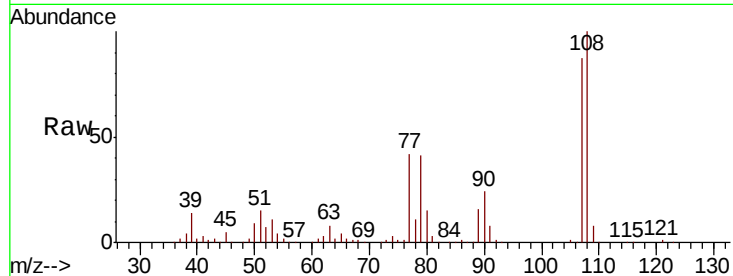
#17
2-Methylphenol
Concen: 46.310 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.8	91.4	137.0	
77	48.7	37.6	56.4	
79	46.9	36.2	54.4	

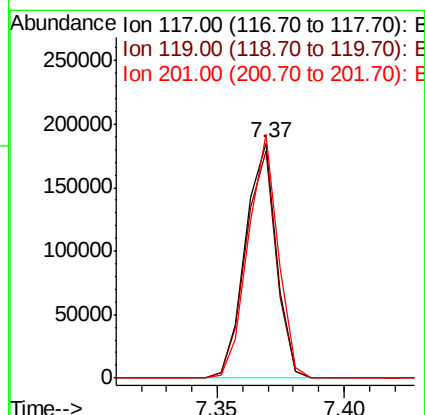
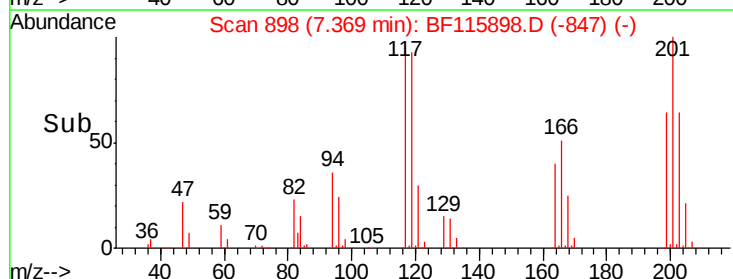
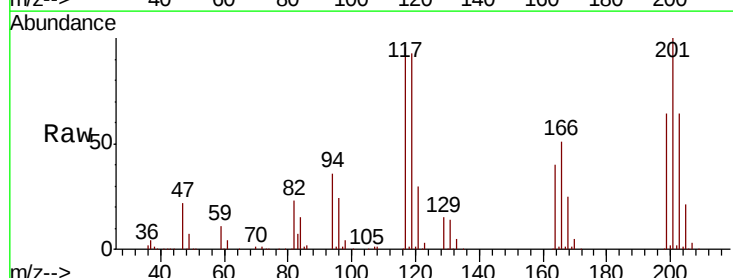
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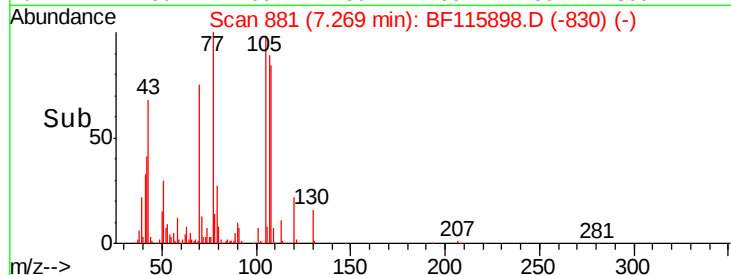
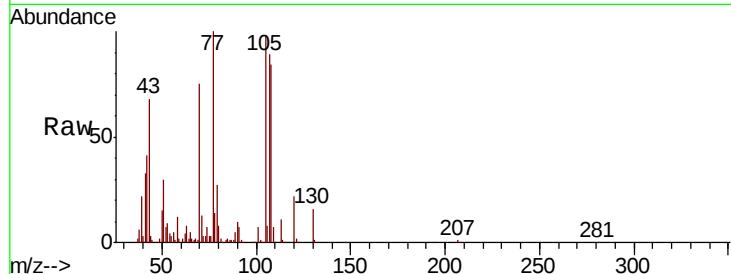
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#18
Hexachloroethane
Concen: 42.665 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.7	75.8	113.6	
201	103.7	82.0	123.0	





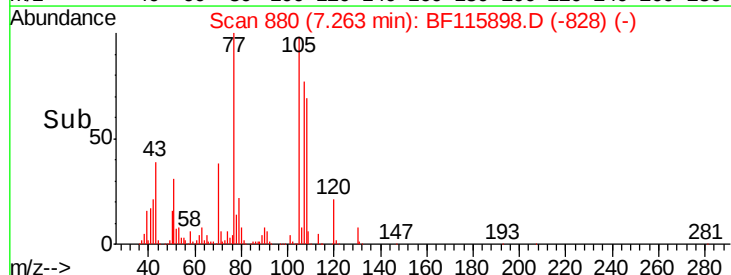
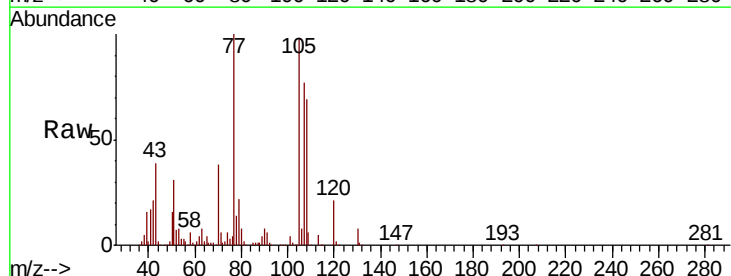
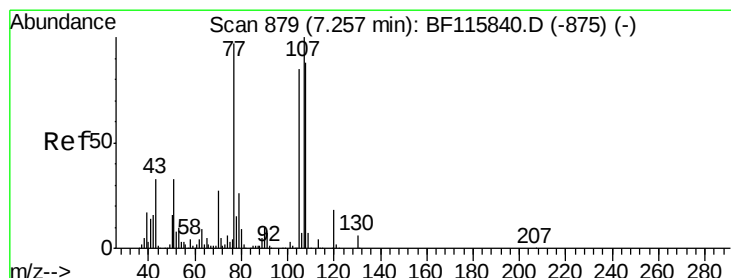
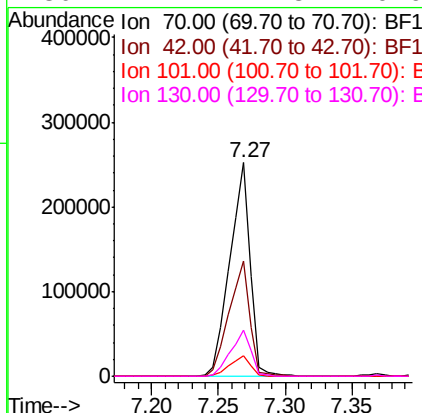
#19
n-Nitroso-di-n-propylamine
Concen: 44.486 ng
RT: 7.27 min Scan# 881
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.7	41.8	62.8
101	9.6	7.7	11.5
130	21.4	17.8	26.6

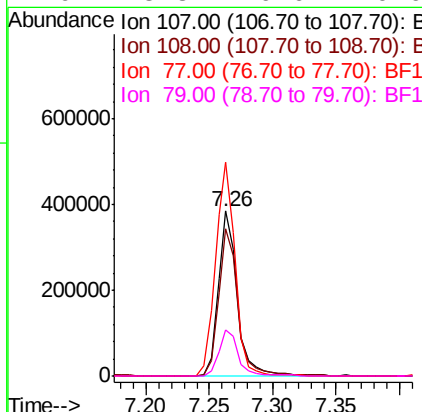
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#20
3+4-Methylphenols
Concen: 46.021 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.6	67.9	107.9
77	129.5	77.3	117.3#
79	28.3	6.6	46.6





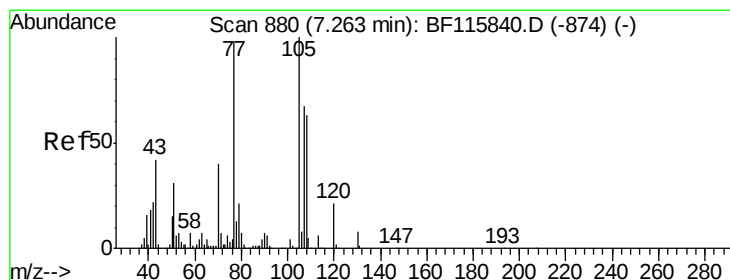
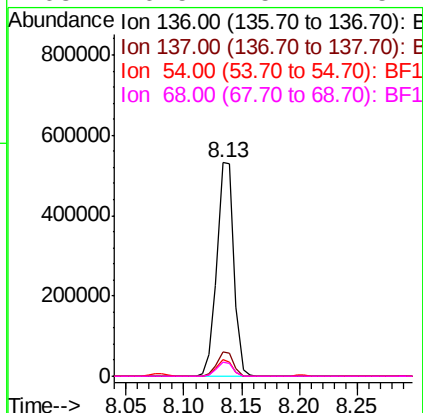
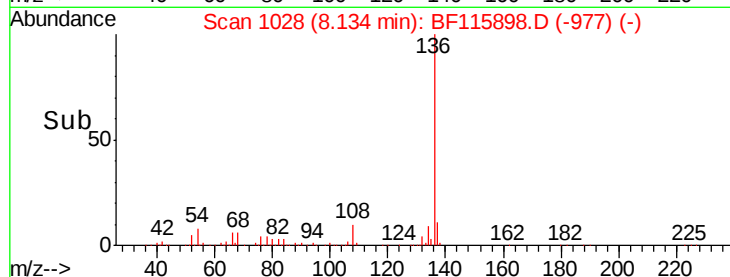
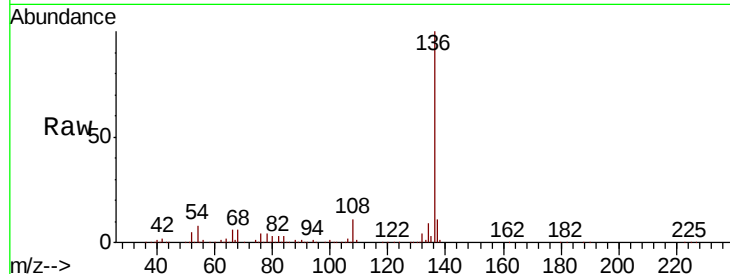
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	545994		
137	11.3	9.1	13.7	
54	7.7	6.1	9.1	
68	6.5	5.4	8.2	

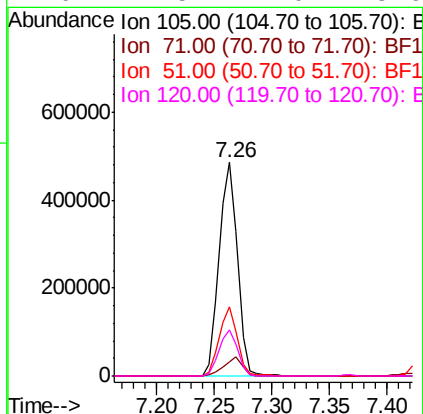
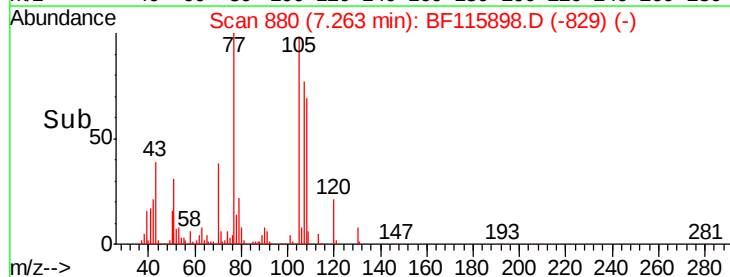
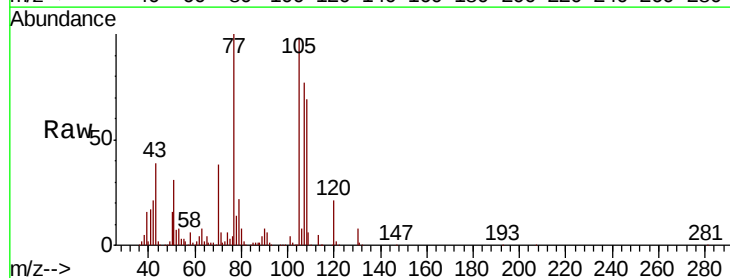
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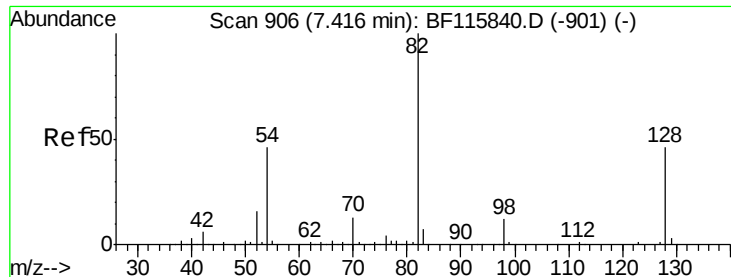
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#22
Acetophenone
Concen: 44.745 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	535799		
71	6.4	5.4	8.0	
51	32.2	24.6	36.8	
120	21.5	17.0	25.6	





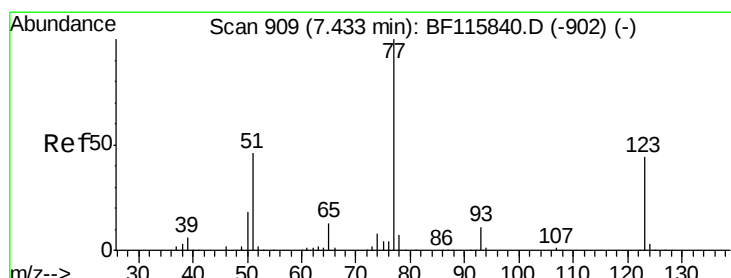
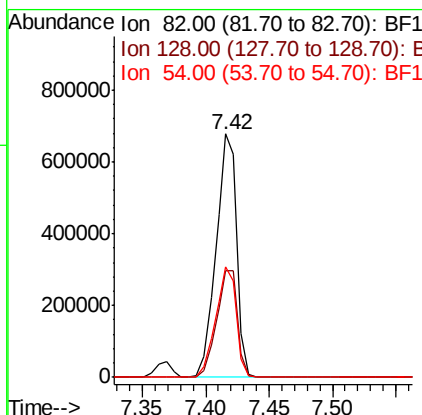
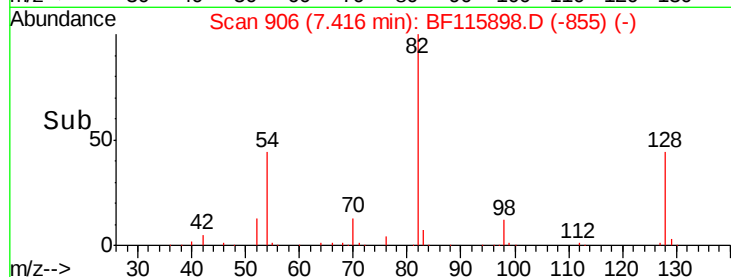
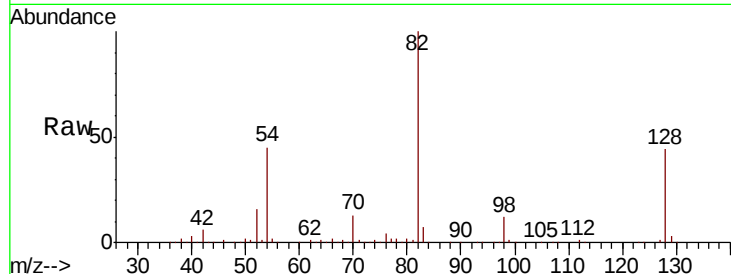
#23
Nitrobenzene-d5
Concen: 81.313 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	36.6	55.0
54	45.2	36.6	55.0

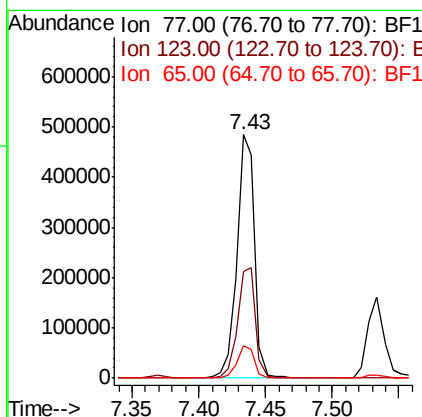
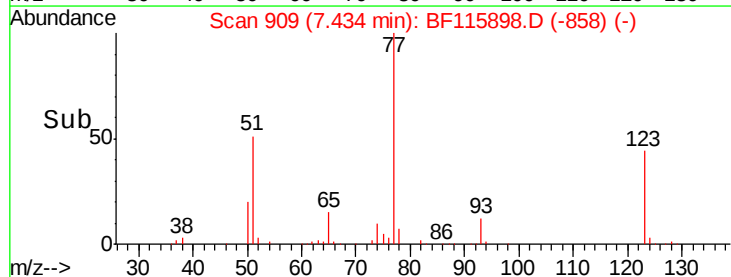
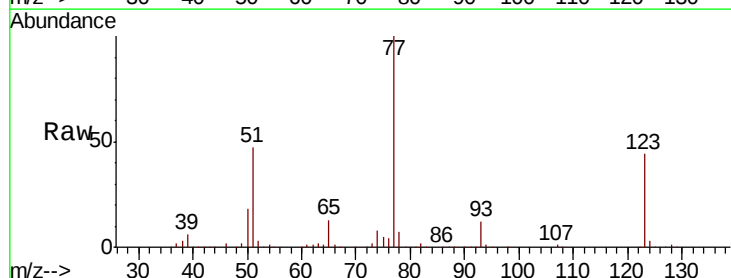
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#24
Nitrobenzene
Concen: 43.446 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.5	53.3
65	13.2	10.6	15.8





#25

Isophorone

Concen: 44.357 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

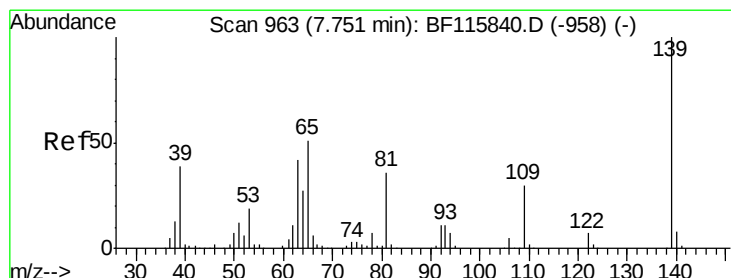
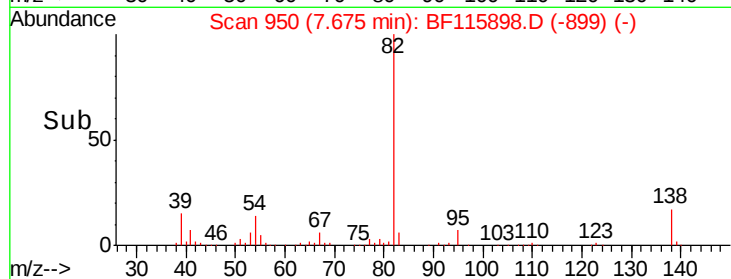
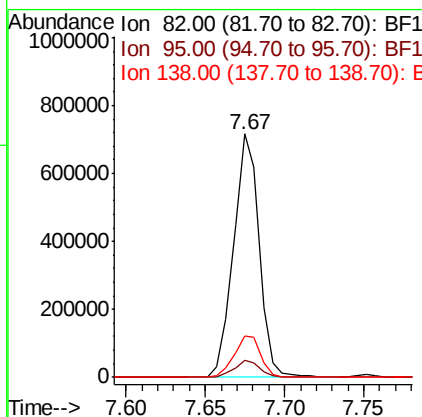
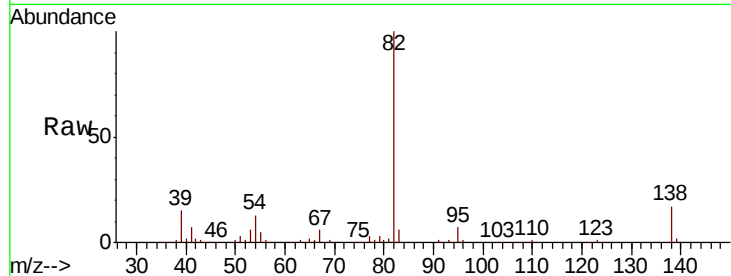
ClientSampleId :

PB121853BS

Tot Ion:	82	Resp:	802279
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.5	8.3
138	17.1	13.9	20.9

Manual Integrations
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#26

2-Nitrophenol

Concen: 45.876 ng

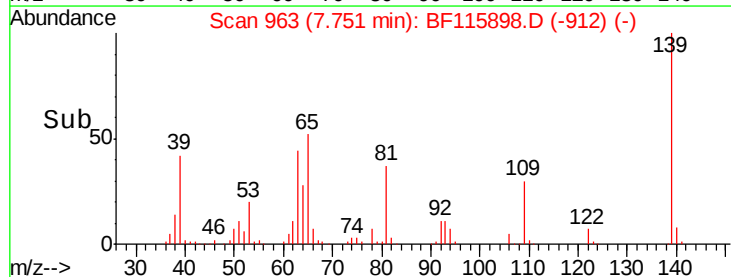
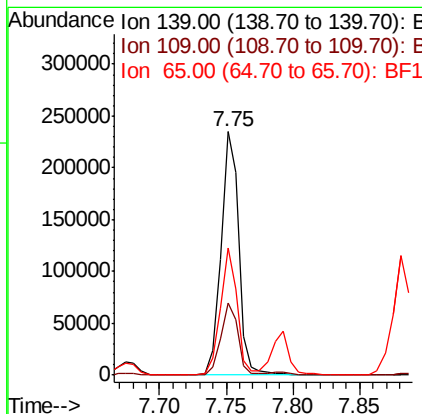
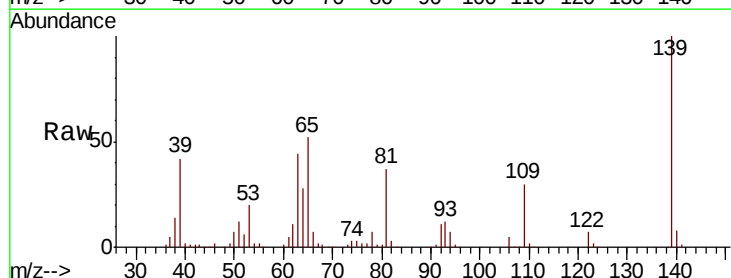
RT: 7.75 min Scan# 963

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Tgt Ion:	139	Resp:	220866
Ion Ratio	Lower	Upper	
139	100		
109	29.6	23.6	35.4
65	52.0	40.6	60.8





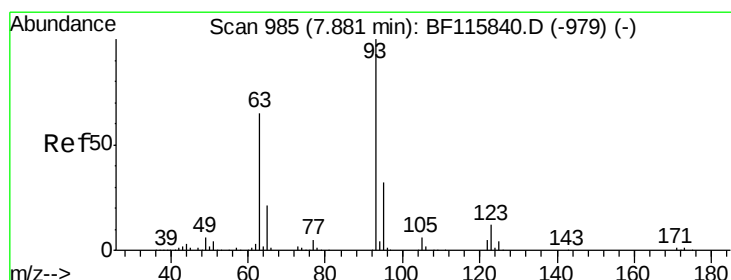
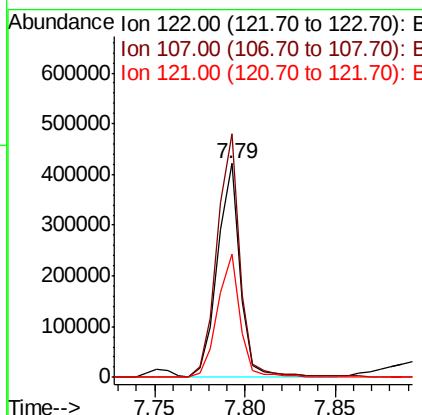
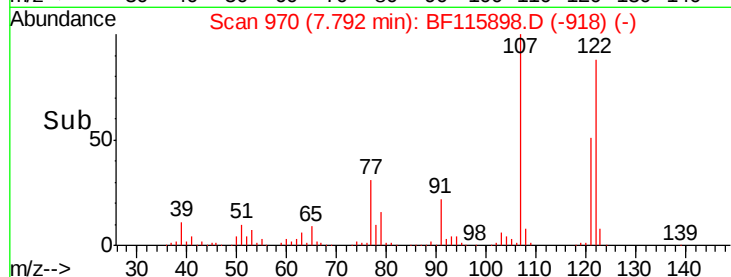
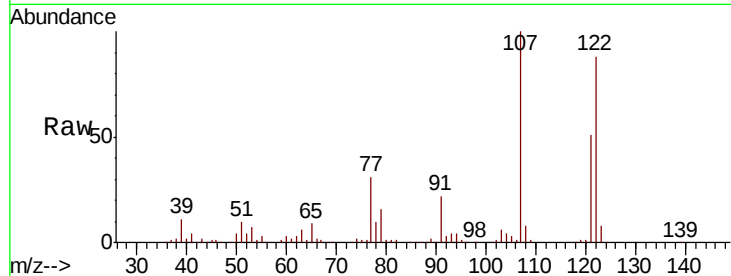
#27
2,4-Dimethylphenol
Concen: 50.733 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.0	91.7	137.5
121	57.9	46.6	70.0

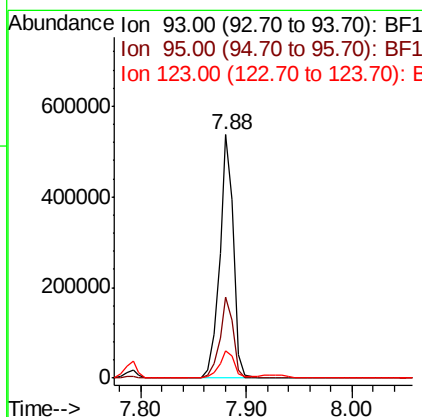
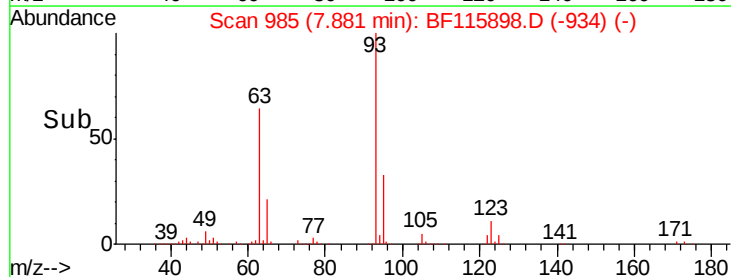
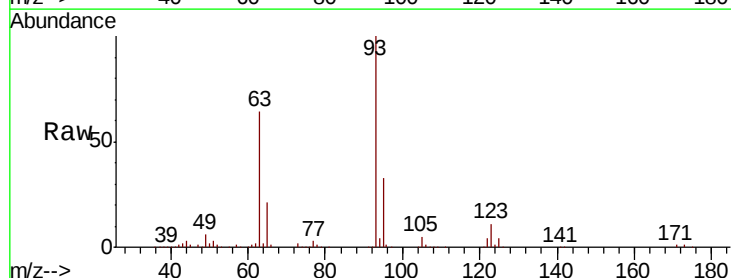
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#28
bis(2-Chloroethoxy)methane
Concen: 44.001 ng
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.0	39.0
123	11.4	9.5	14.3





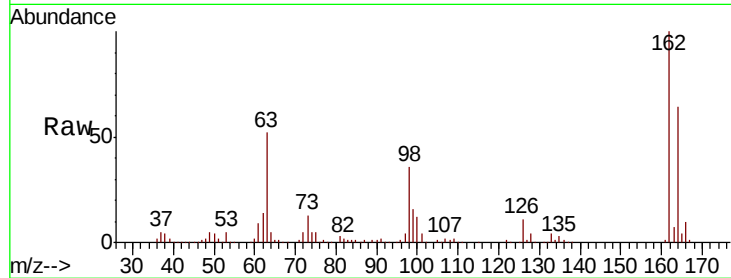
#29
 2,4-Dichlorophenol
 Concen: 46.444 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	355196		
164	64.5	43.2	83.2	
98	35.6	17.3	57.3	

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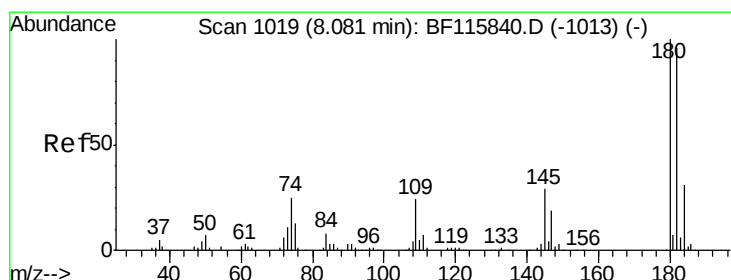
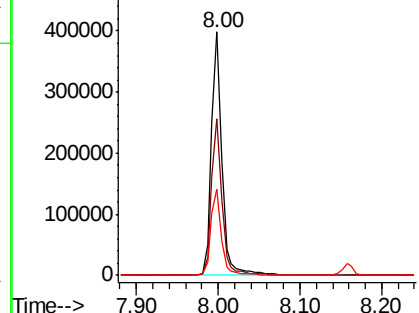
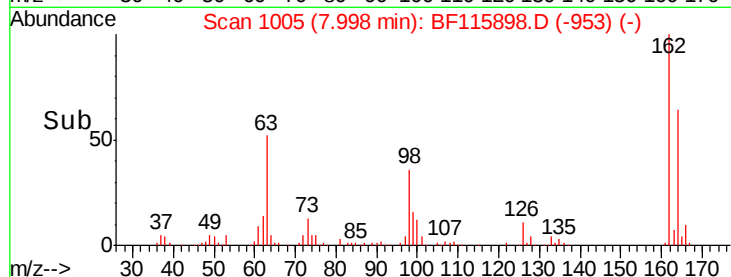


Abundance

Ion 162.00 (161.70 to 162.70): E

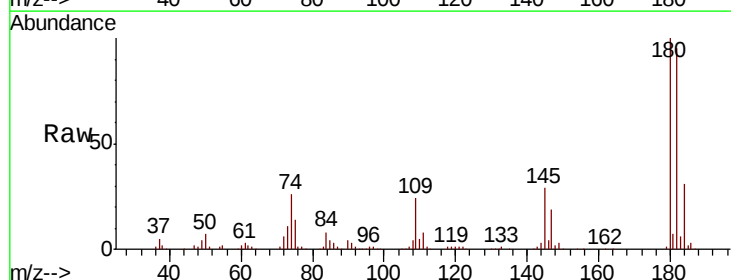
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 42.739 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	372591		
182	95.4	76.6	114.8	
145	29.1	23.2	34.8	

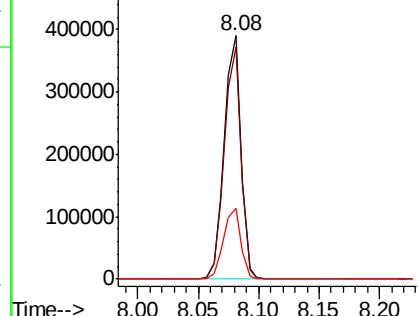
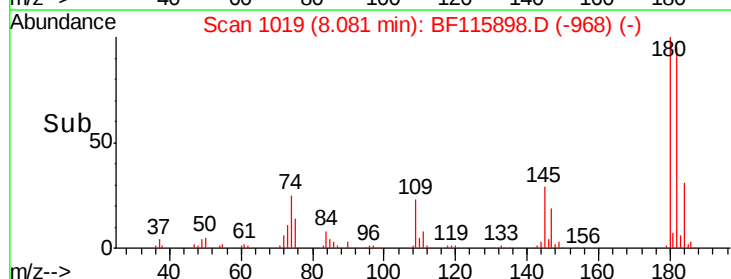


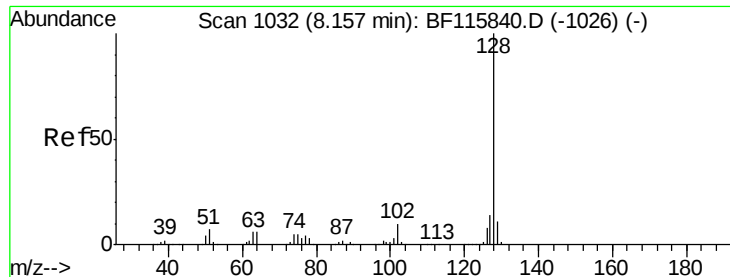
Abundance

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





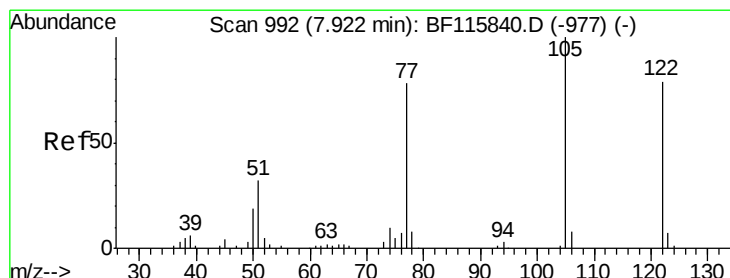
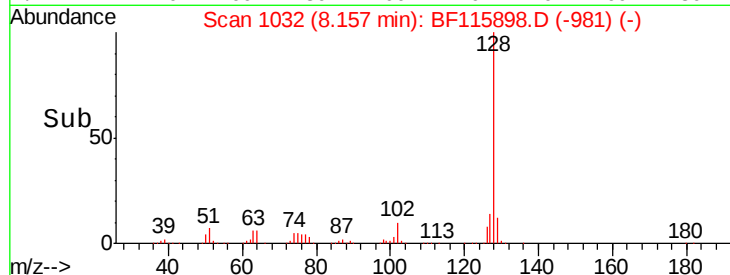
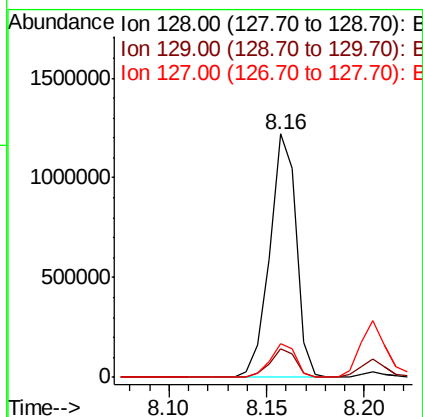
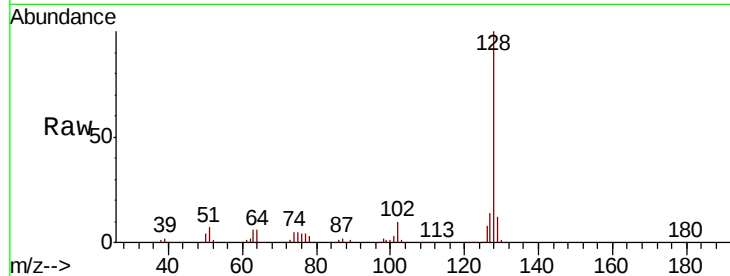
#31
Naphthalene
Concen: 44.639 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.6	11.0	16.4

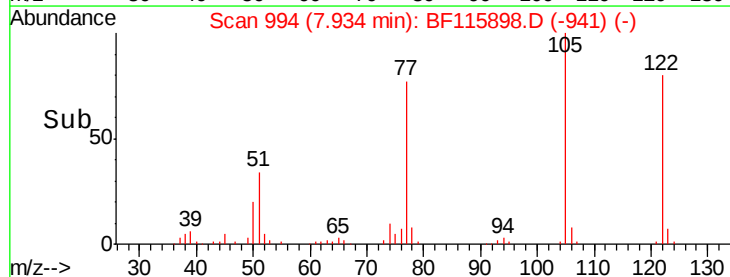
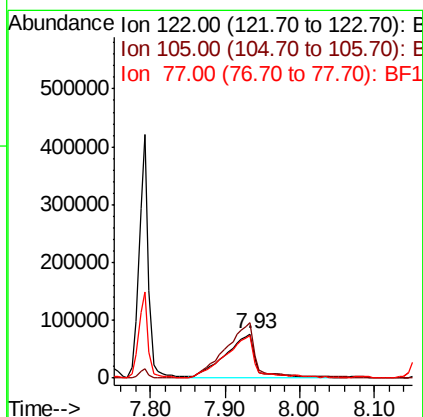
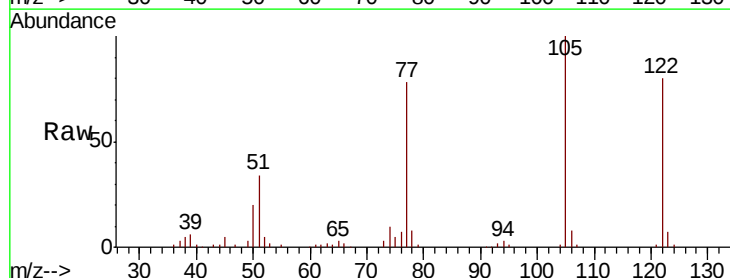
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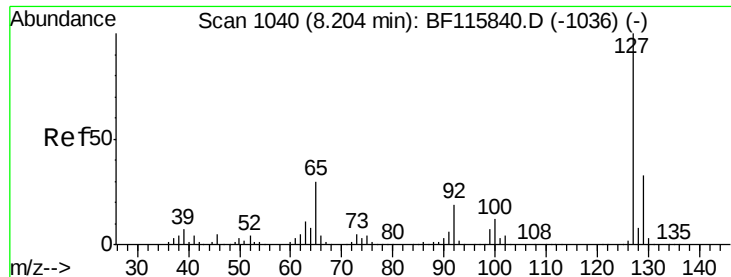
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#32
Benzoic acid
Concen: 41.634 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.3	103.1	143.1
77	97.5	76.8	116.8





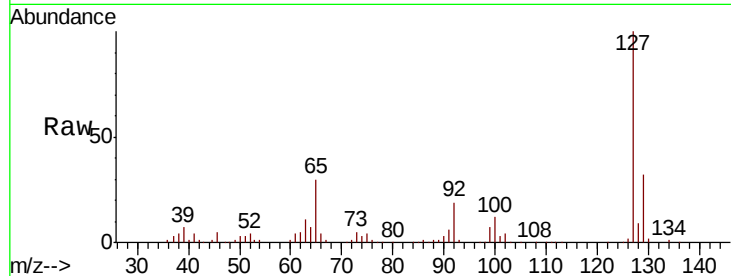
#33
4-Chloroaniline
Concen: 25.961 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

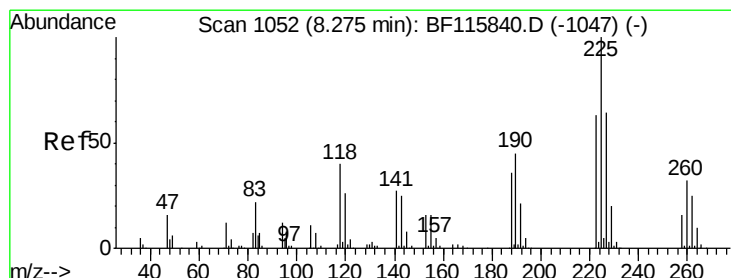
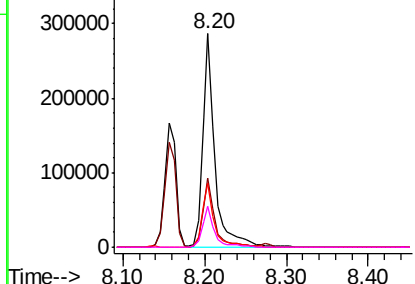
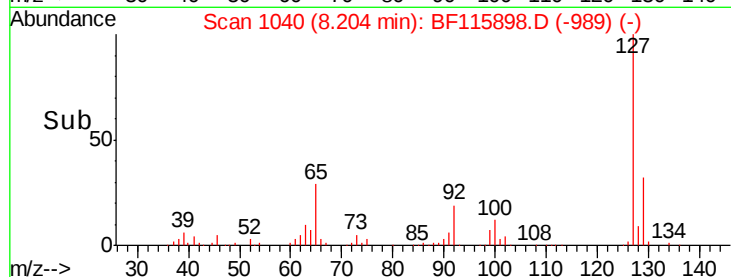
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		298030		
129	32.4	26.0	39.0		
65	30.1	23.9	35.9		
92	18.9	14.9	22.3		

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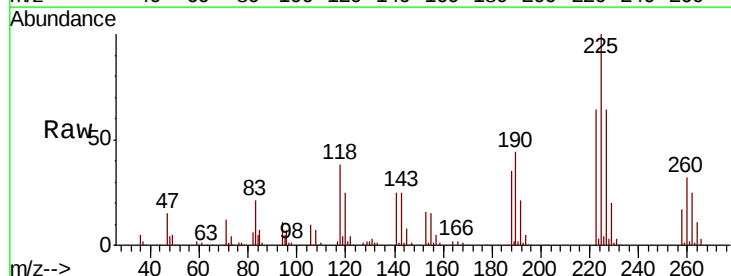


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

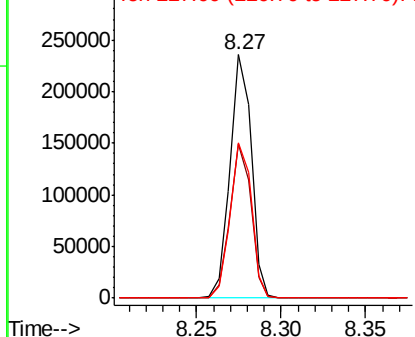
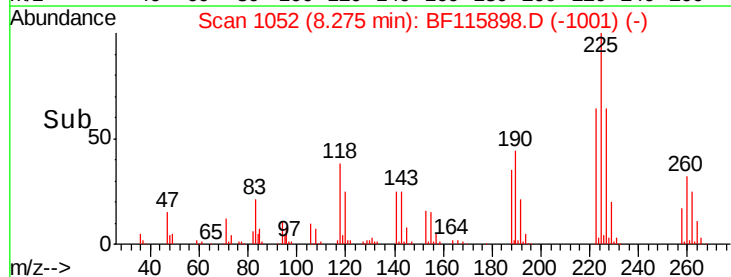


#34
Hexachlorobutadiene
Concen: 41.117 ng
RT: 8.27 min Scan# 1052
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		206466		
223	63.5	50.4	75.6		
227	63.9	51.6	77.4		



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





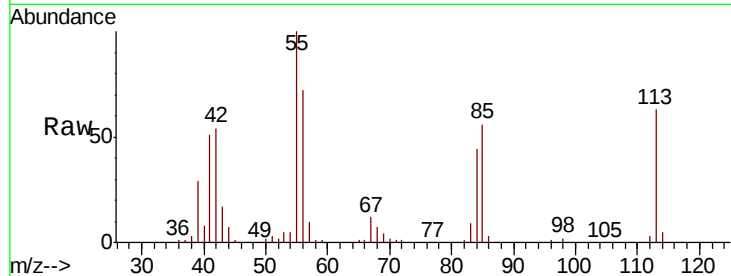
#35
Caprolactam
Concen: 46.460 ng/ml
RT: 8.59 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampled :
PB121853BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	158.7	138.1	178.1
56	114.9	100.6	140.6

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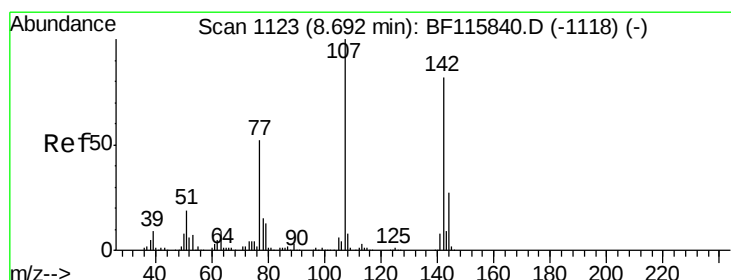
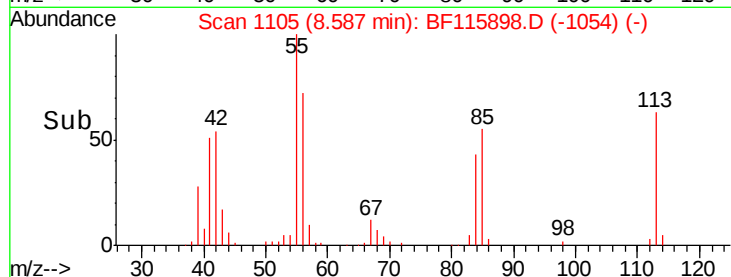
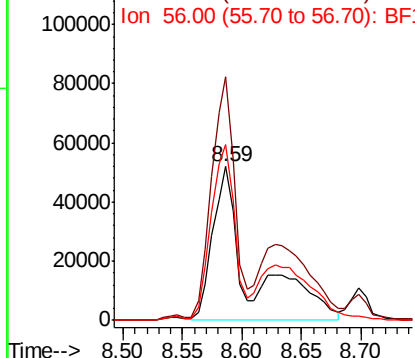


Abundance

Ion 113.00 (112.70 to 113.70): E

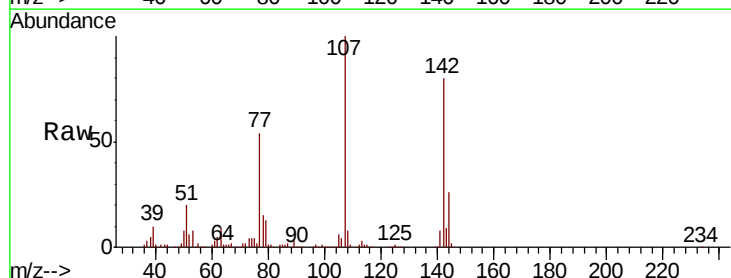
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 47.721 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.9	21.4	32.0
142	80.3	65.5	98.3

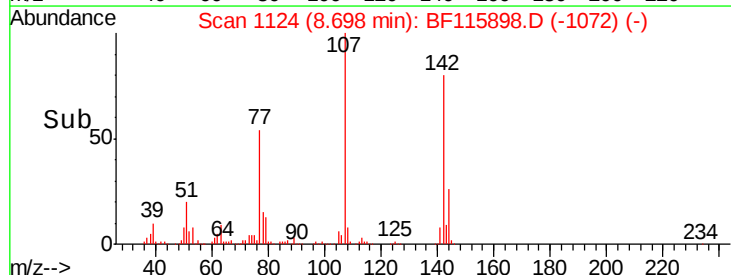
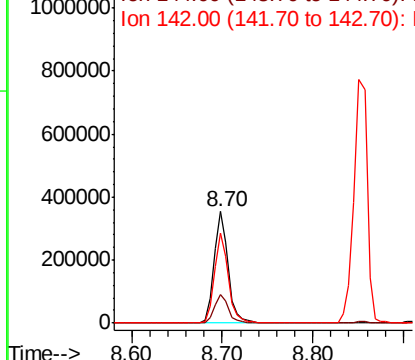


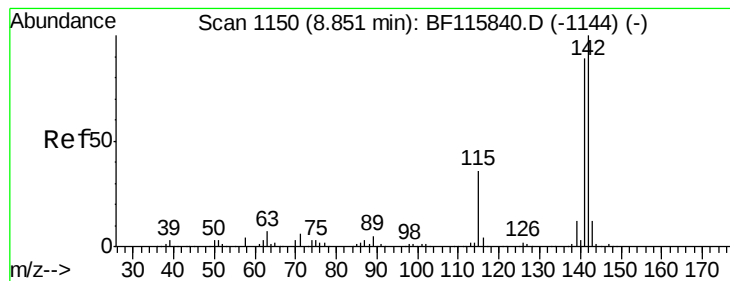
Abundance

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





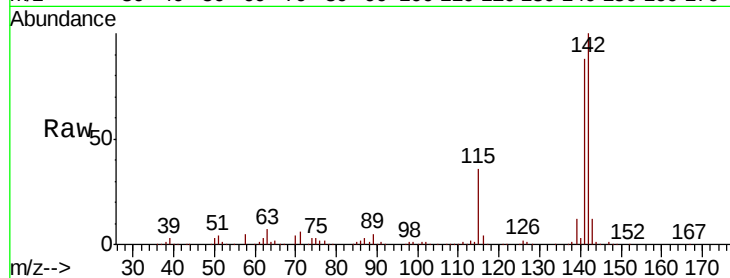
#37
2-Methylnaphthalene
Concen: 46.406 ng
RT: 8.85 min Scan# 1150
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.4	107.2
115	36.2	28.9	43.3

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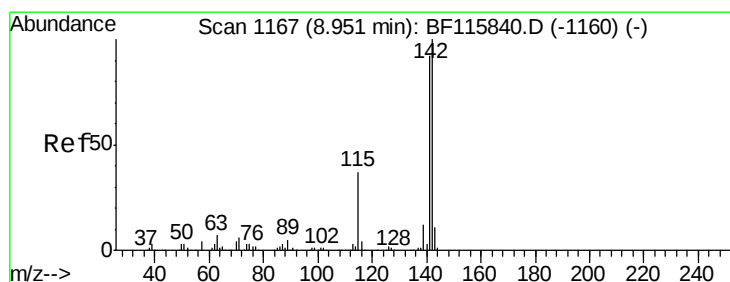
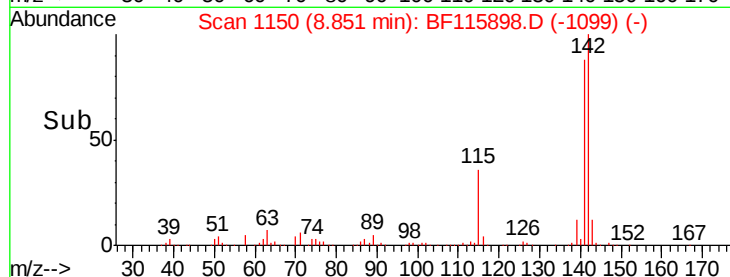
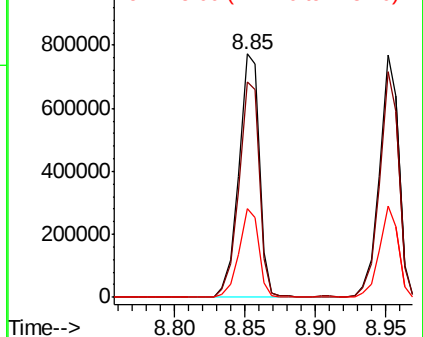


Abundance

Ion 142.00 (141.70 to 142.70): E

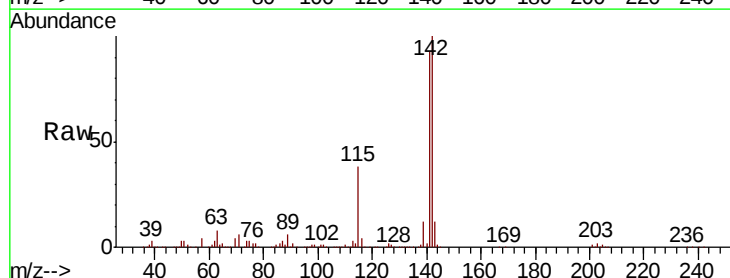
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 45.449 ng
RT: 8.95 min Scan# 1167
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.8	73.8	110.6
116	4.0	3.1	4.7

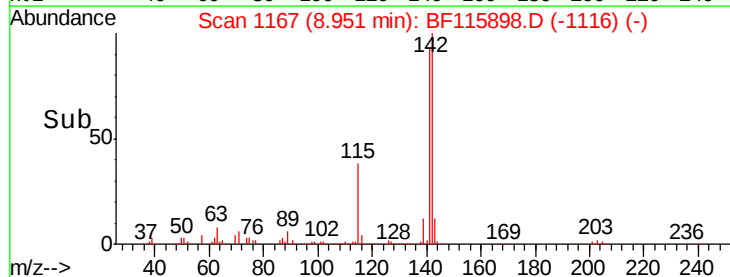
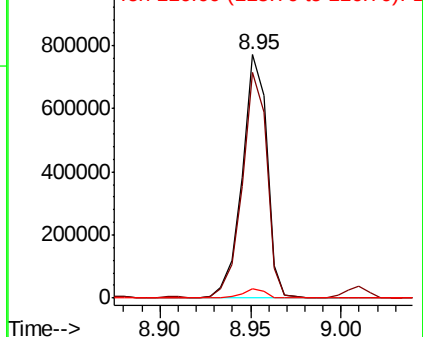


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





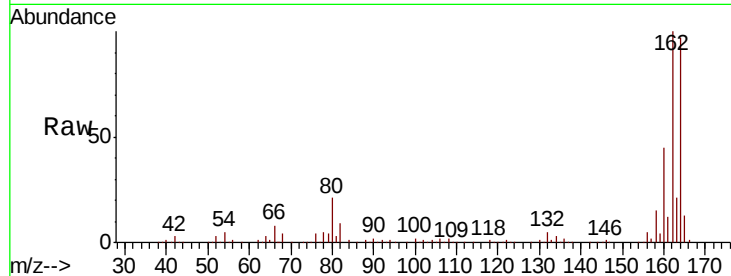
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.8	121.2
160	46.5	36.2	54.4

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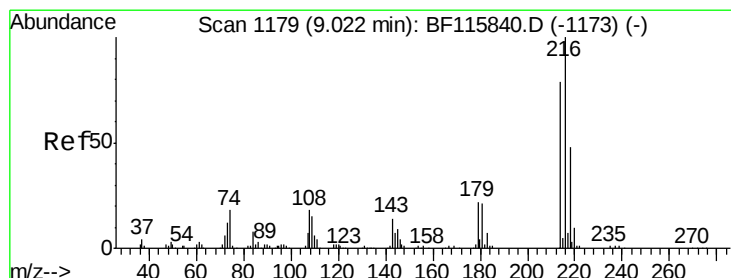
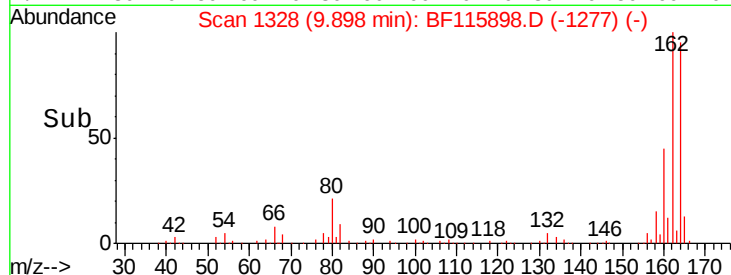
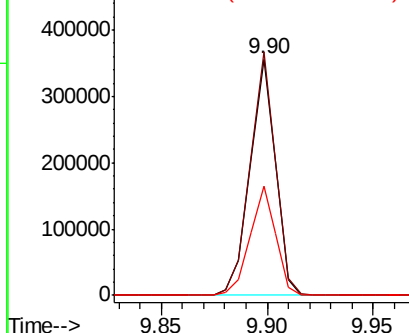


Abundance

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: 44.145 ng
RT: 9.02 min Scan# 1179
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.8	94.2
179	22.1	17.6	26.4
108	21.5	16.1	24.1

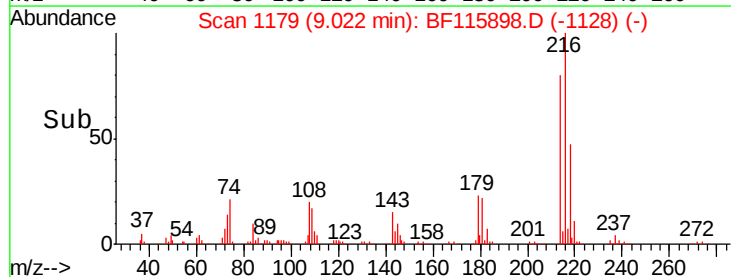
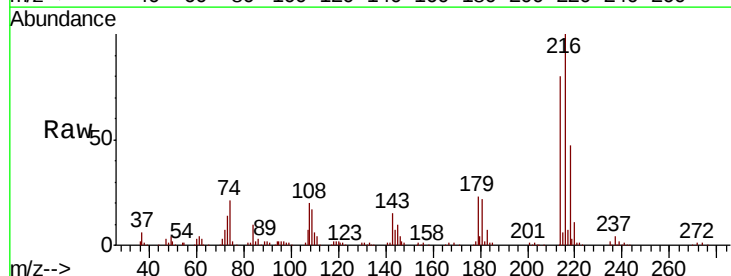
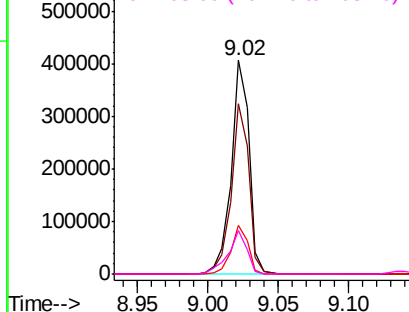
Abundance

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: 66.027 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

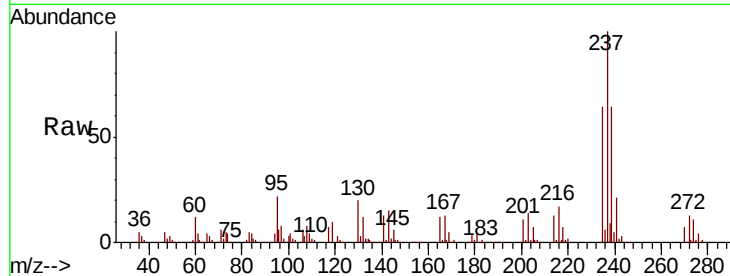
ClientSampleId :

PB121853BS

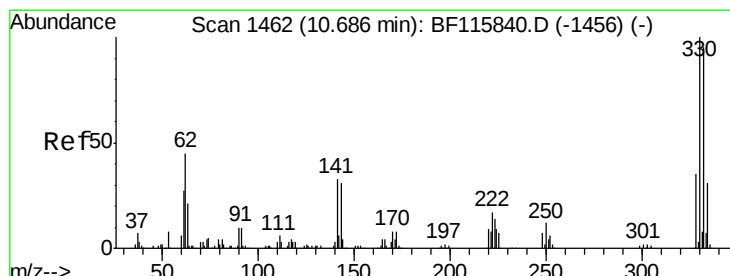
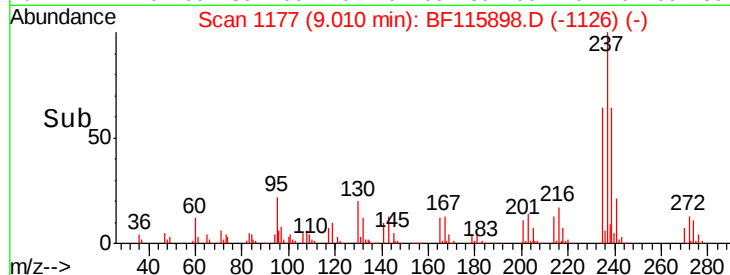
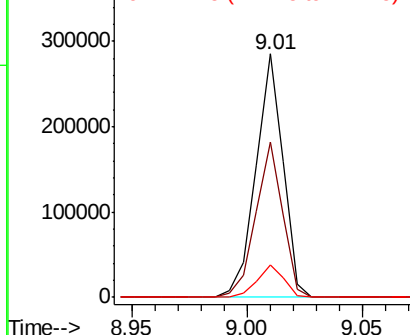
Tot Ion:	237	Resp:	234675
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.5	82.5
272	13.3	0.0	33.3

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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: 122.513 ng

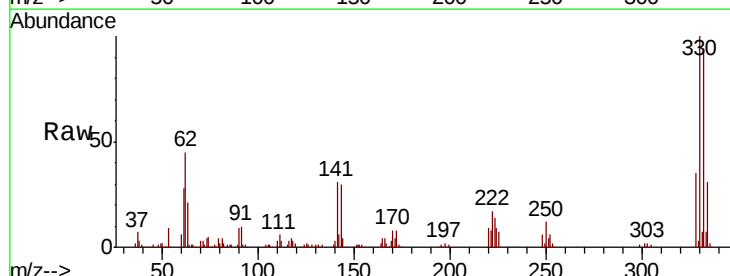
RT: 10.69 min Scan# 1463

Delta R.T. 0.01 min

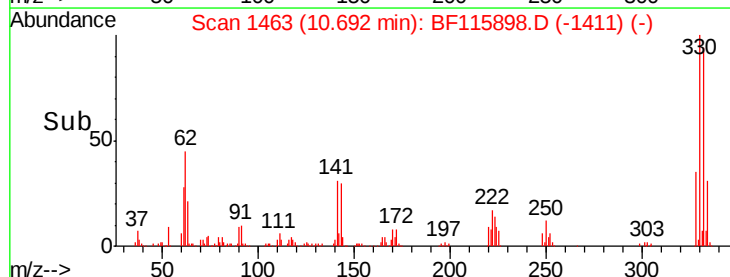
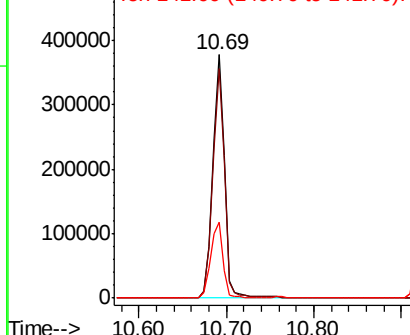
Lab File: BF115898.D

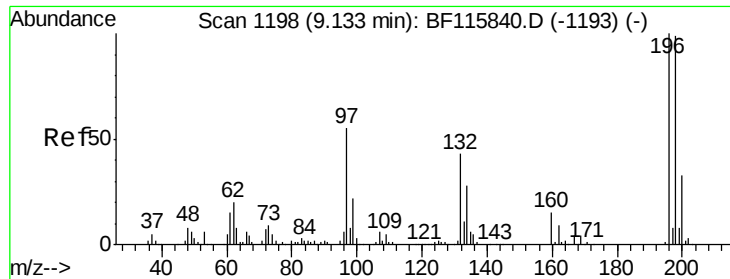
Acq: 1 Aug 2019 10:56

Tgt Ion:	330	Resp:	357814
Ion Ratio	Lower	Upper	
330	100		
332	95.5	77.7	116.5
141	32.9	28.1	42.1



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





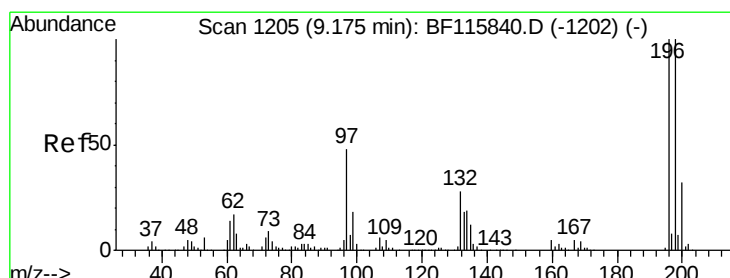
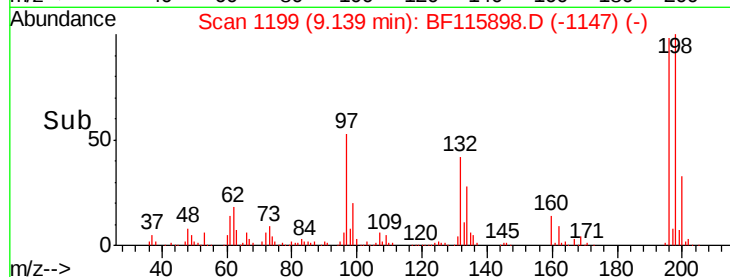
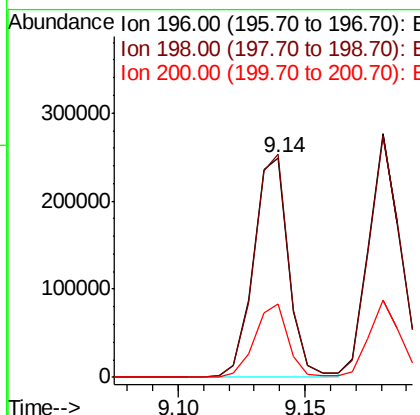
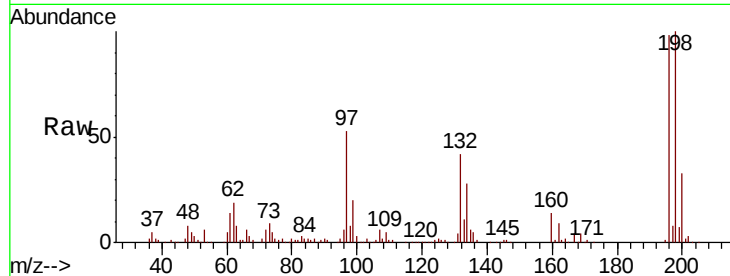
#43
 2,4,6-Trichlorophenol
 Concen: 43.588 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	241622		
198	101.9	79.1	118.7	
200	33.4	26.0	39.0	

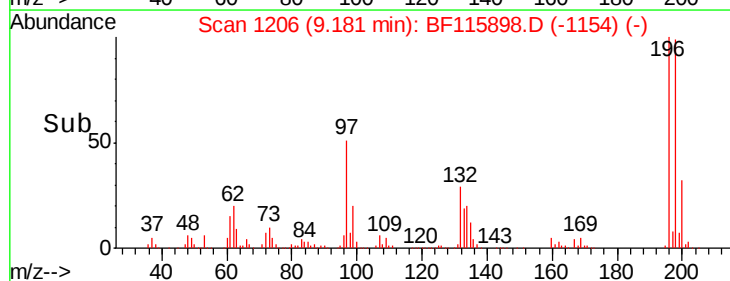
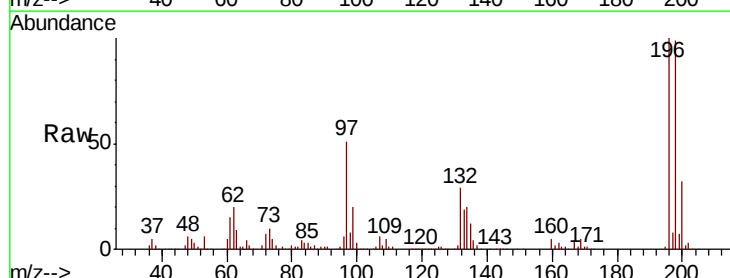
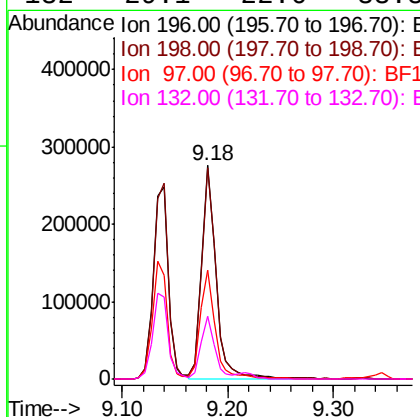
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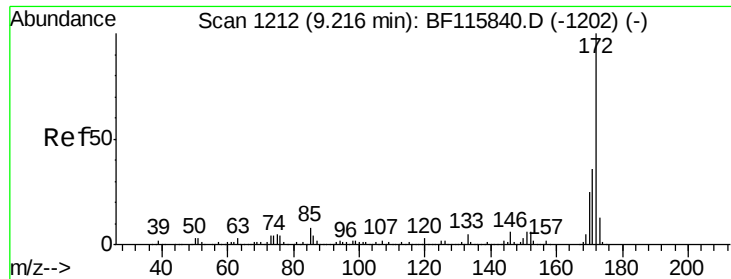
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 45.248 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	259276		
198	99.2	80.1	120.1	
97	50.9	38.9	58.3	
132	29.1	22.6	33.8	





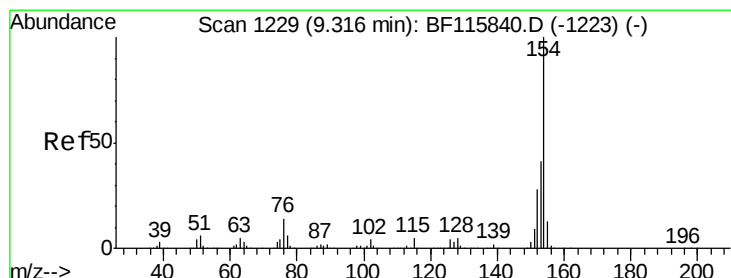
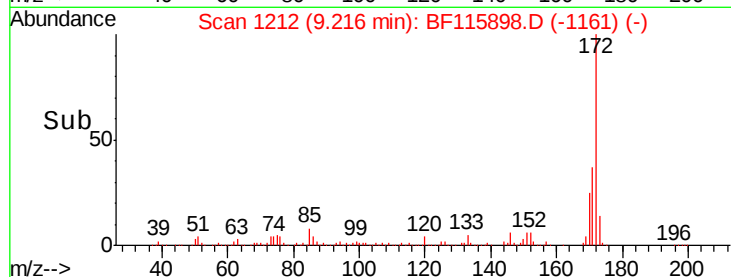
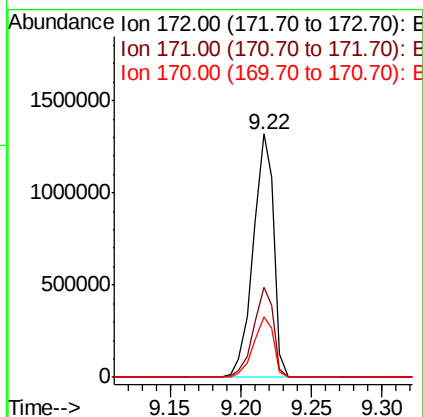
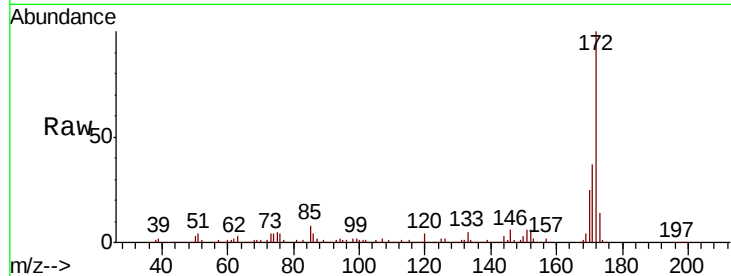
#45
2-Fluorobiphenyl
Concen: 84.201 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.1	43.7
170	24.8	20.1	30.1

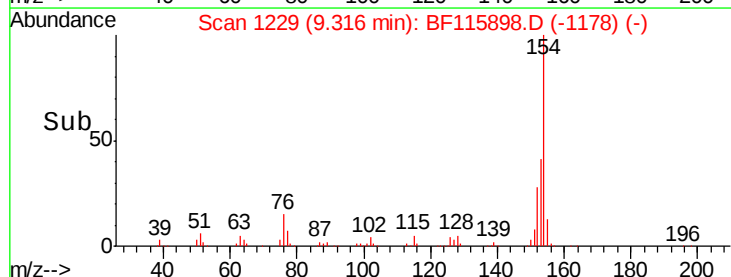
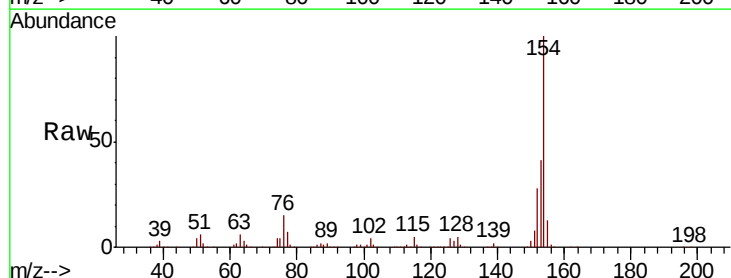
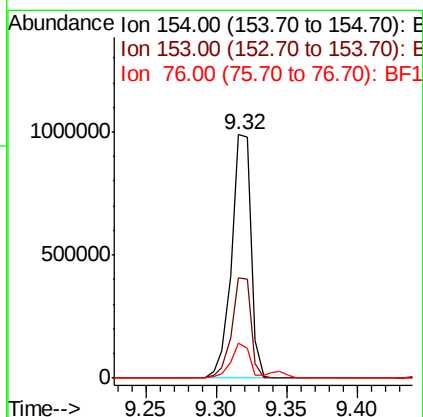
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#46
1,1'-Biphenyl
Concen: 44.626 ng
RT: 9.32 min Scan# 1229
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.9	60.9
76	14.6	0.0	34.3





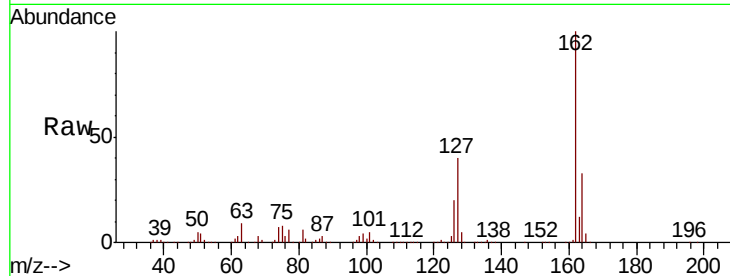
#47
2-Chloronaphthalene
Concen: 42.629 ng
RT: 9.35 min Scan# 1234
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

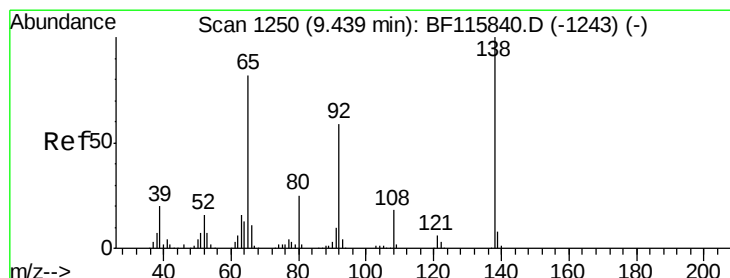
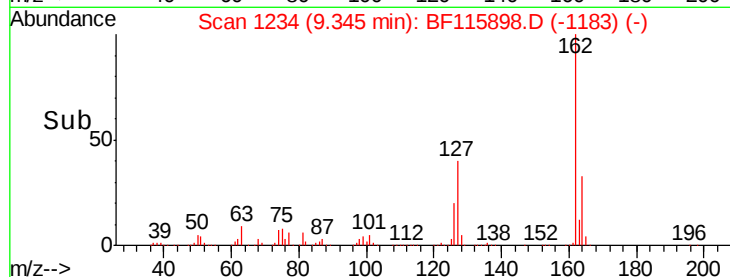
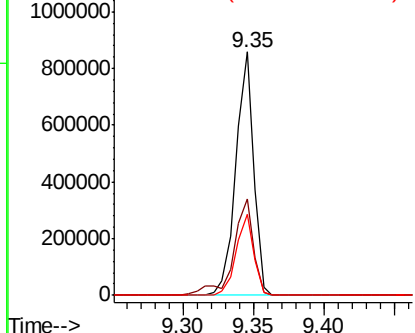
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	39.8	31.3	46.9	
164	33.4	26.6	40.0	

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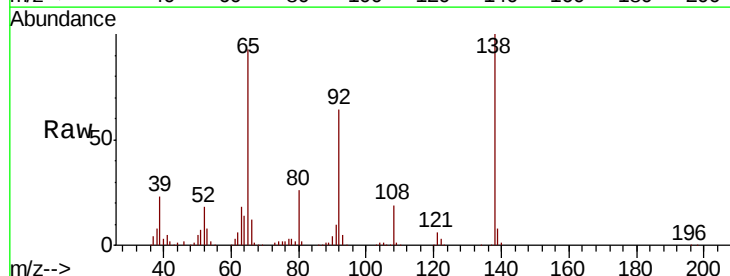


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

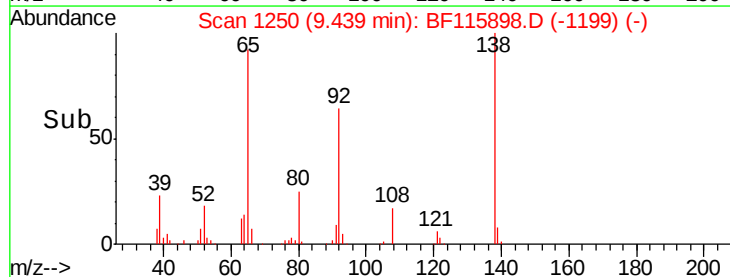
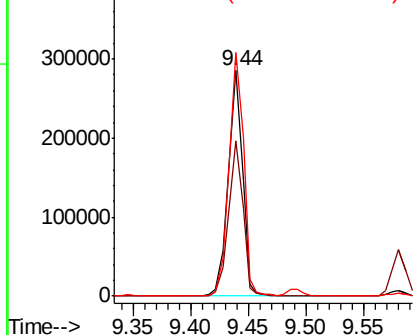


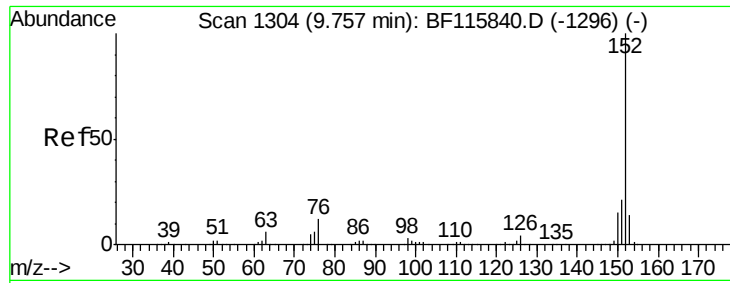
#48
2-Nitroaniline
Concen: 42.273 ng
RT: 9.44 min Scan# 1250
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	69.0	57.1	85.7	
138	108.0	97.1	145.7	



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: 45.666 ng

RT: 9.76 min Scan# 1305

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

PB121853BS

Tot Ion:152 Resp: 1179265

Ion Ratio Lower Upper

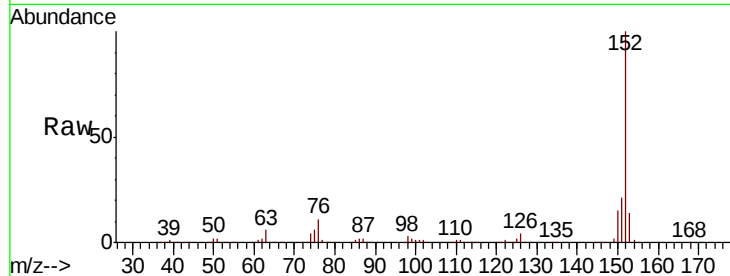
152 100

151 21.1 16.8 25.2

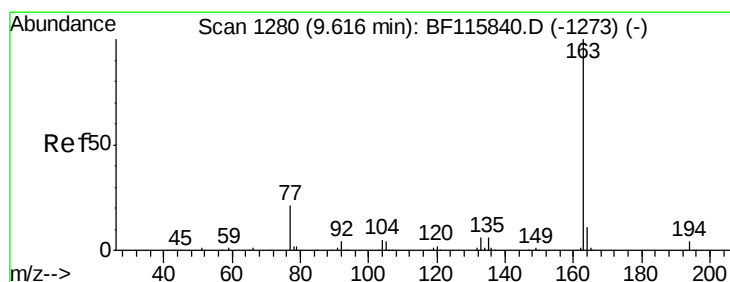
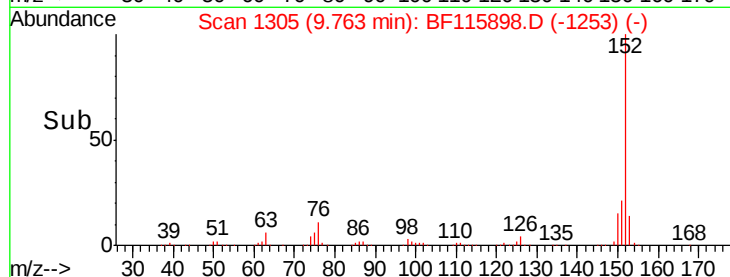
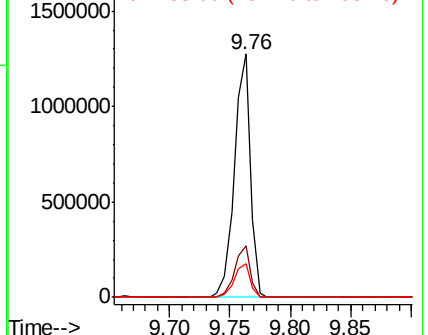
153 13.7 11.6 17.4

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



#50

Dimethylphthalate

Concen: 44.812 ng

RT: 9.62 min Scan# 1281

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

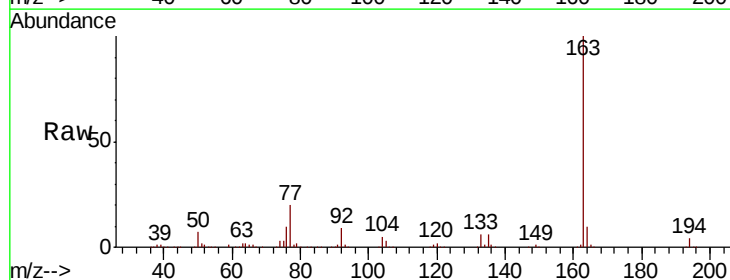
Tgt Ion:163 Resp: 919139

Ion Ratio Lower Upper

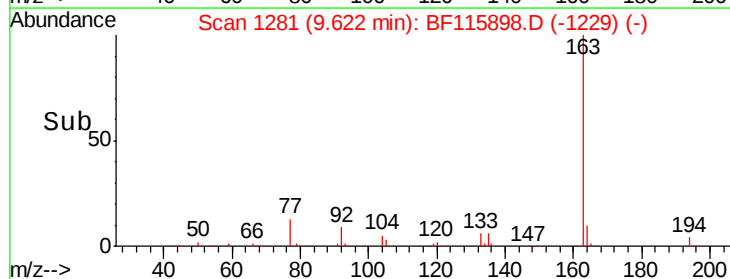
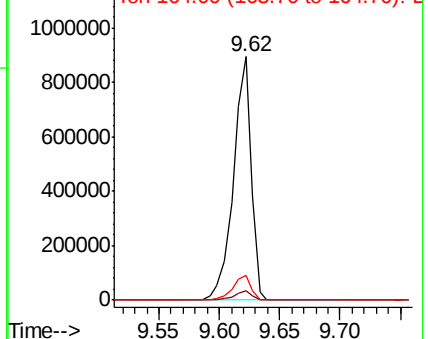
163 100

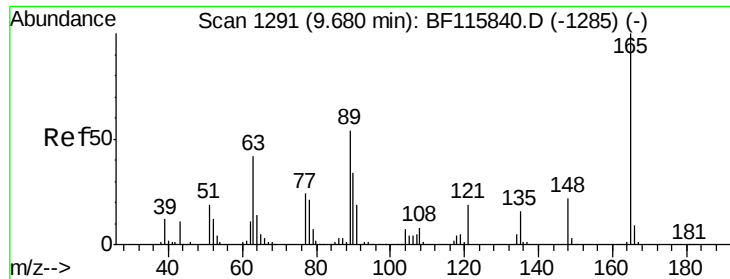
194 3.8 3.0 4.6

164 10.4 8.4 12.6



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





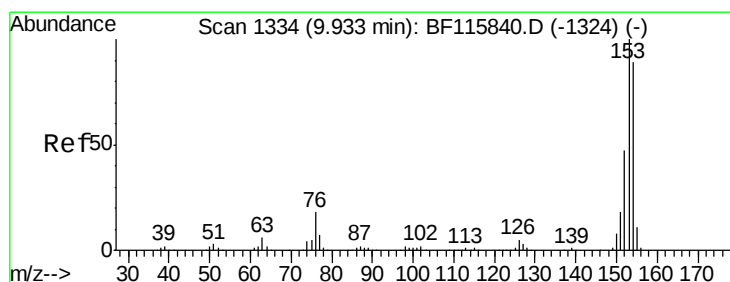
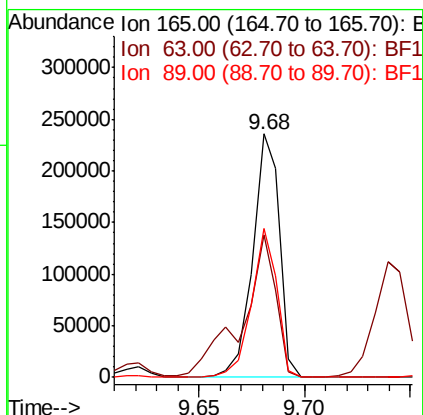
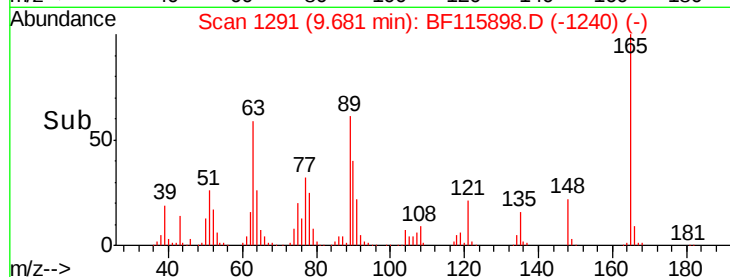
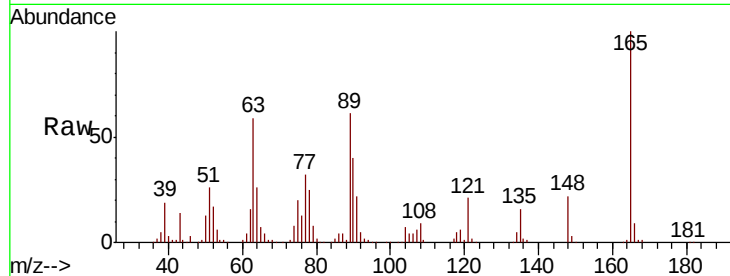
#51
2,6-Dinitrotoluene
Concen: 46.530 ng
RT: 9.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		207406		
63	58.7	39.4	59.2		
89	61.0	43.0	64.6		

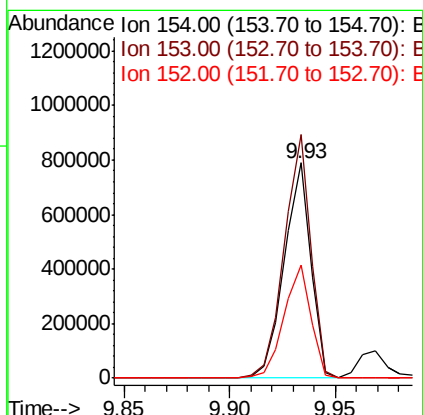
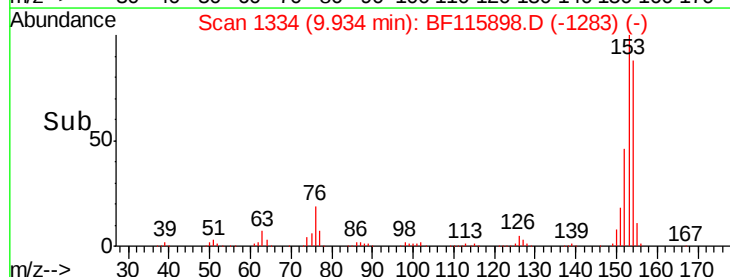
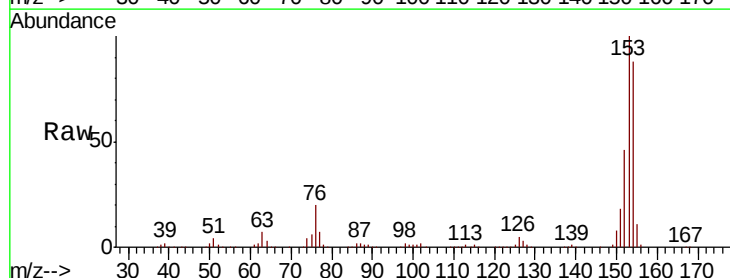
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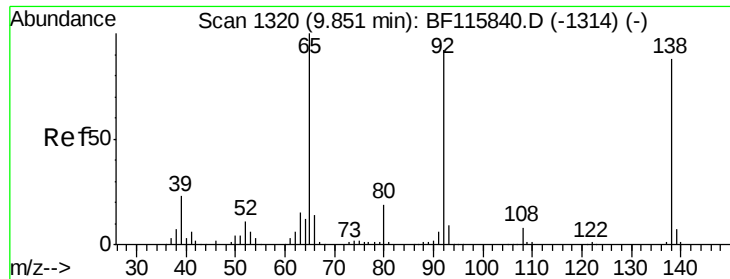
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#52
Acenaphthene
Concen: 44.048 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		697845		
153	113.0	90.1	135.1		
152	52.5	42.6	63.8		





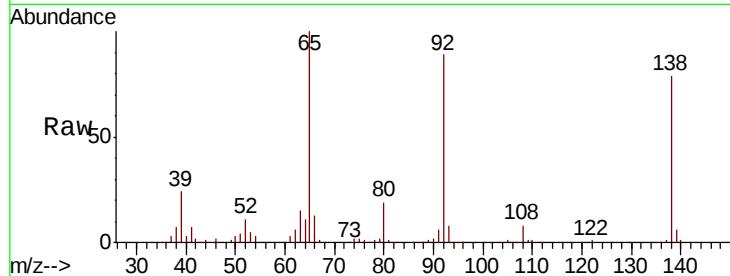
#53
3-Nitroaniline
Concen: 31.306 ng
RT: 9.85 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

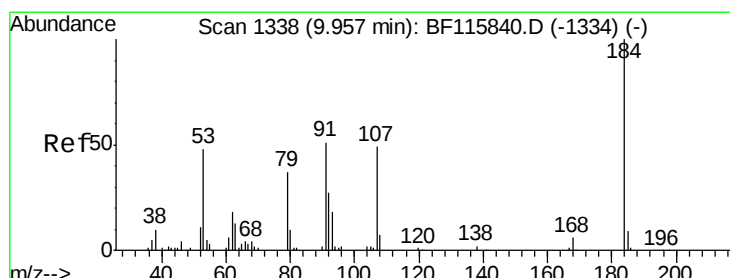
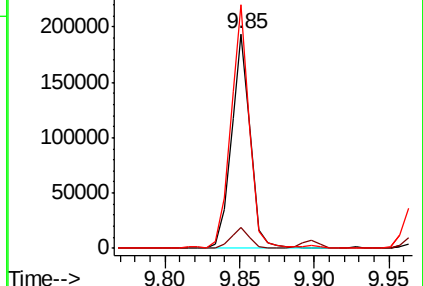
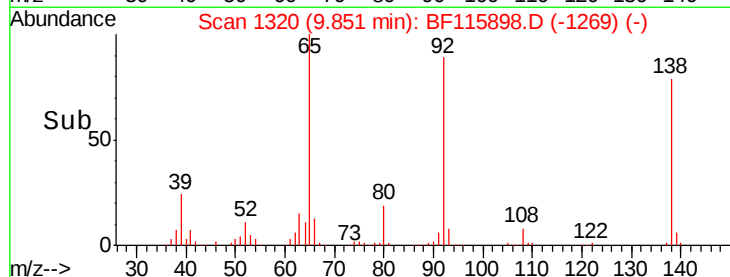
Tot Ion	Ratio	Lower	Upper
138	100		
108	9.8	7.4	11.2
92	113.6	83.9	125.9

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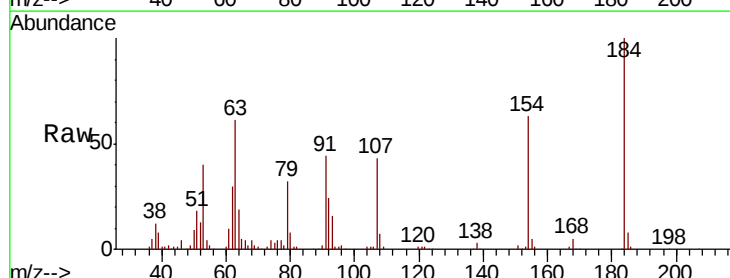


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

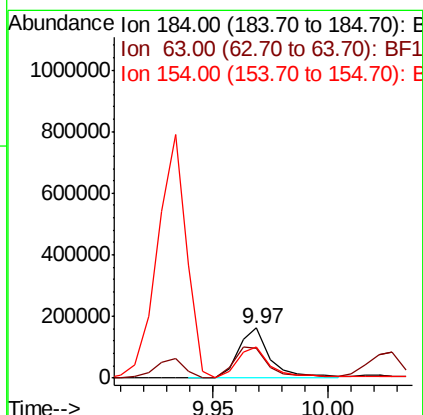
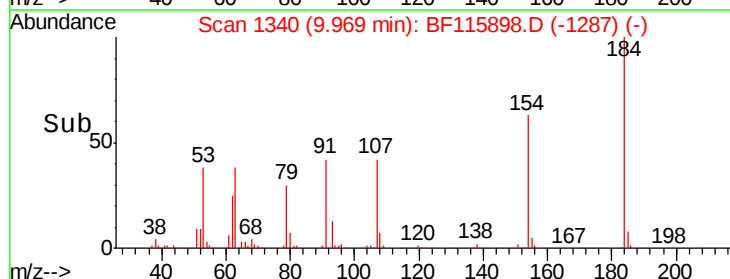


#54
2,4-Dinitrophenol
Concen: 70.313 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.6	56.7	85.1
154	62.8	51.9	77.9



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E





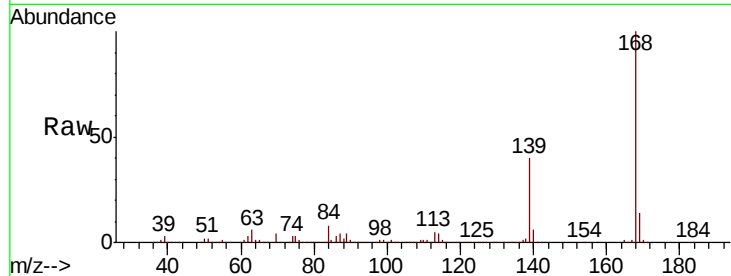
#55
Dibenzenofuran
Concen: 45.884 ng
RT: 10.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.9	30.2	45.2
169	14.0	10.8	16.2

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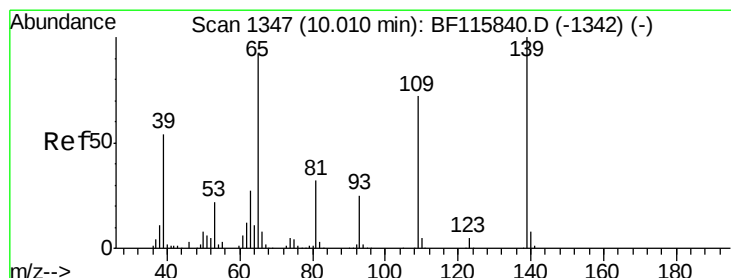
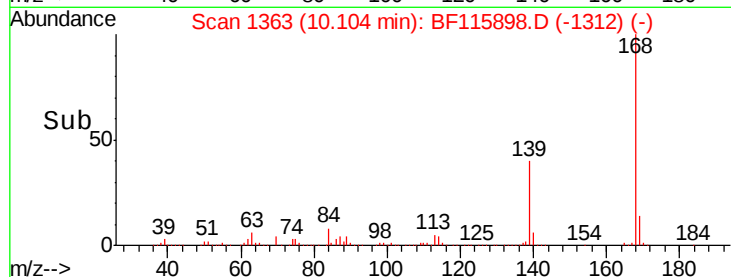
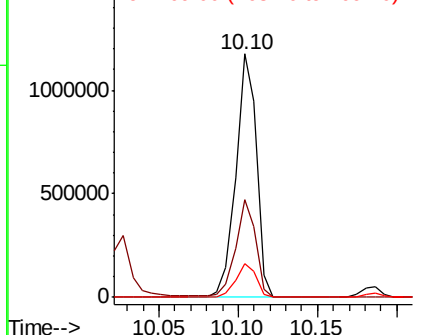


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 86.608 ng
RT: 10.03 min Scan# 1350
Delta R.T. 0.02 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

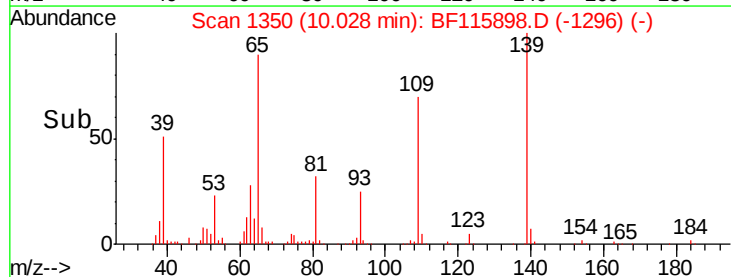
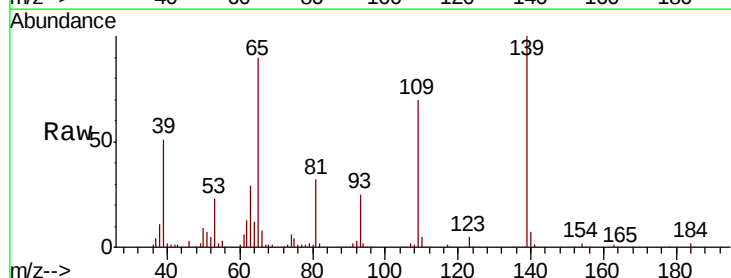
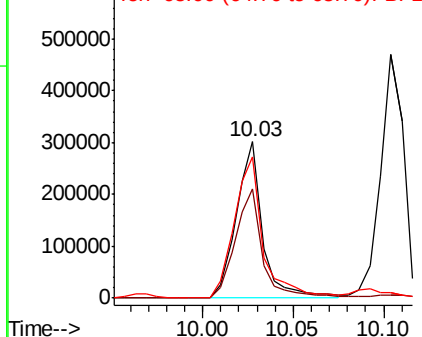
Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.5	52.0	92.0
65	90.4	72.6	112.6

Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





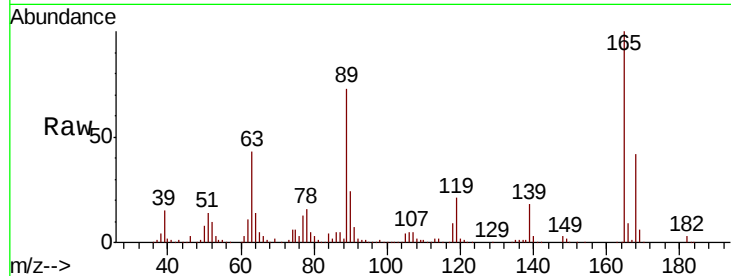
#57
 2,4-Dinitrotoluene
 Concen: 46.311 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BS

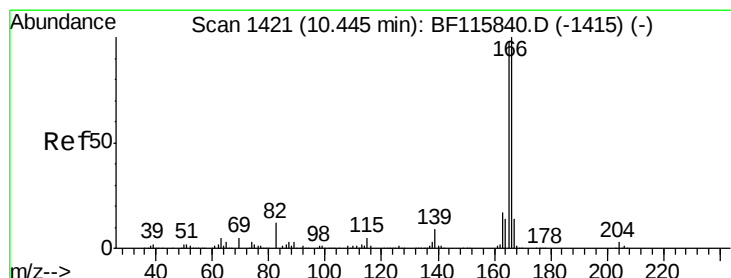
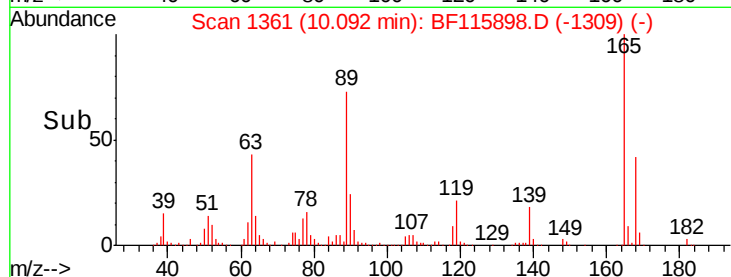
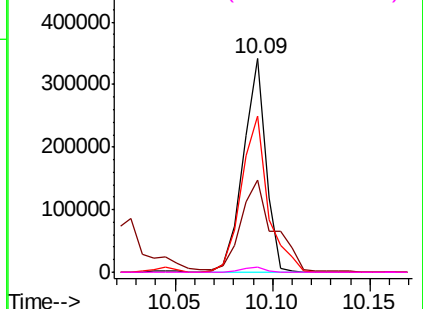
Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		274844		
63	43.4	33.2	49.8		
89	73.0	57.3	85.9		
182	2.6	2.1	3.1		

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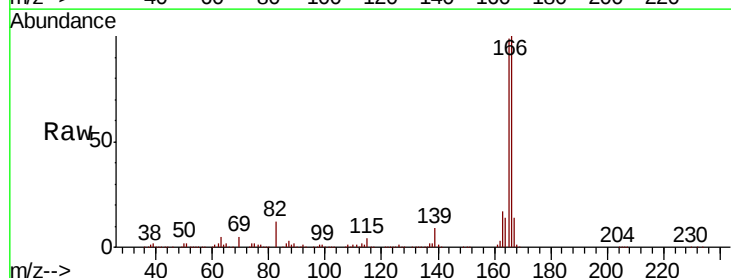


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

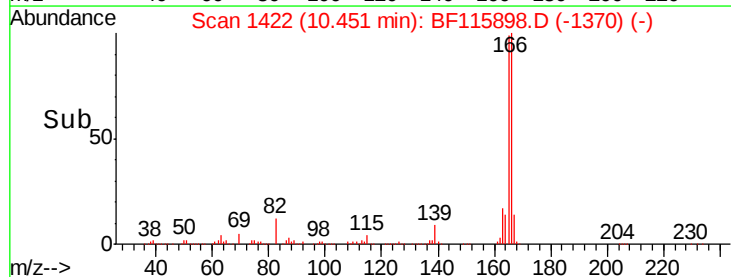
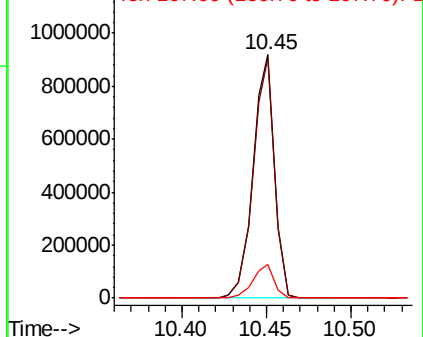


#58
 Fluorene
 Concen: 46.070 ng
 RT: 10.45 min Scan# 1422
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		816626		
165	98.6	78.6	118.0		
167	13.7	10.9	16.3		



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





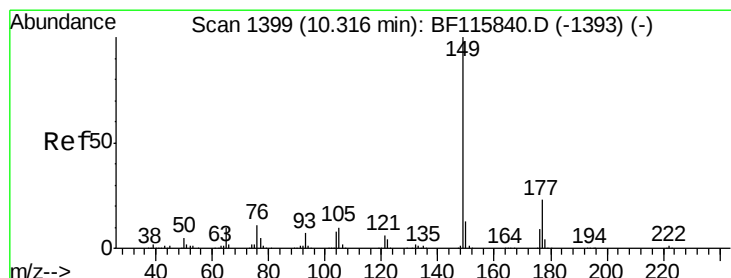
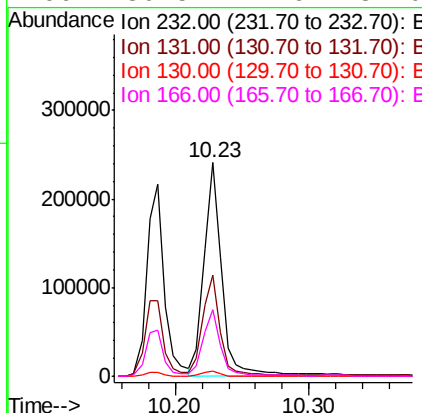
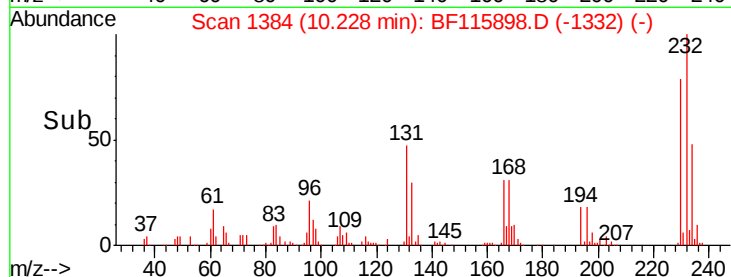
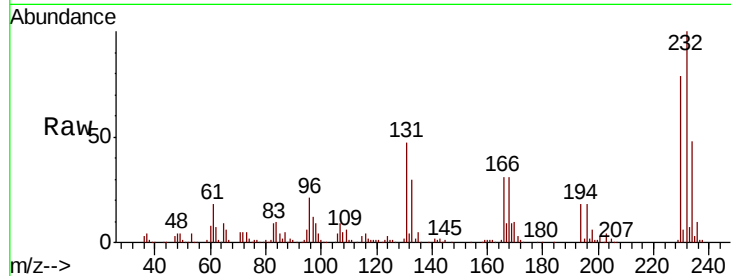
#59
2,3,4,6-Tetrachlorophenol
Concen: 45.715 ng
RT: 10.23 min Scan# 1384
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	220383		
131	46.6		37.6	56.4
130	2.4		1.8	2.8
166	30.5		24.6	37.0

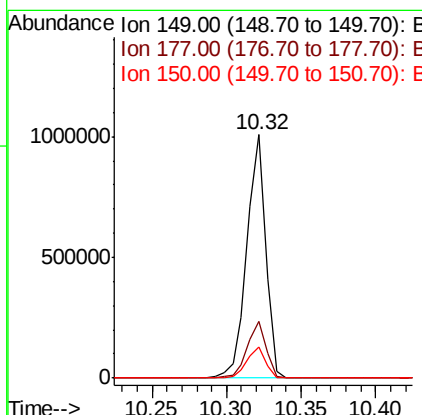
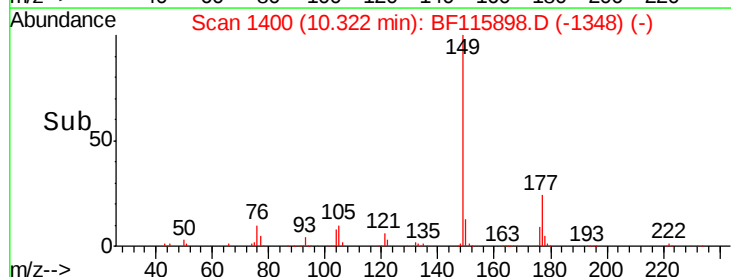
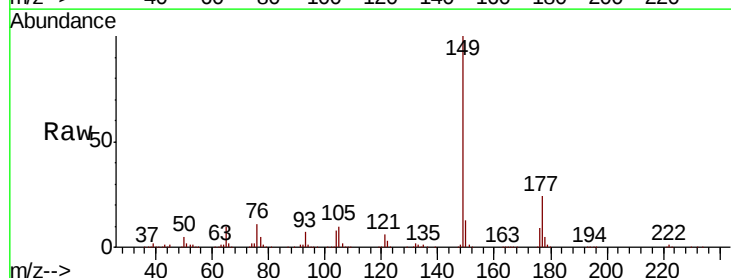
Manual Integrations
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mohammad
8/5/2019 1:47:48 PM



#60
Diethylphthalate
Concen: 46.162 ng
RT: 10.32 min Scan# 1400
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	883987		
177	23.5		18.4	27.6
150	12.9		10.1	15.1





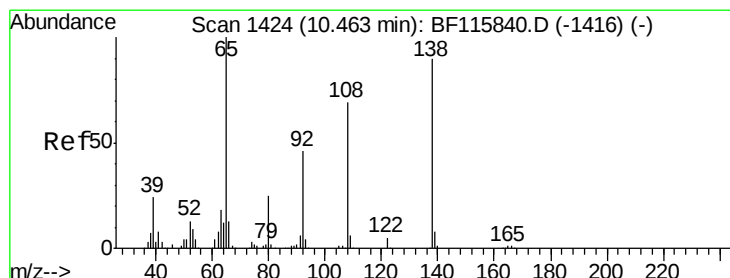
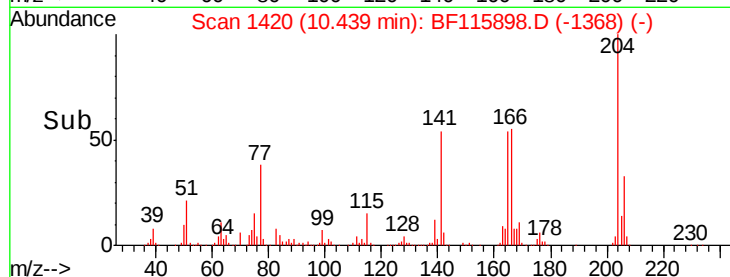
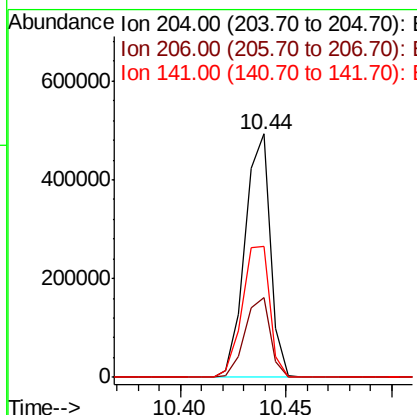
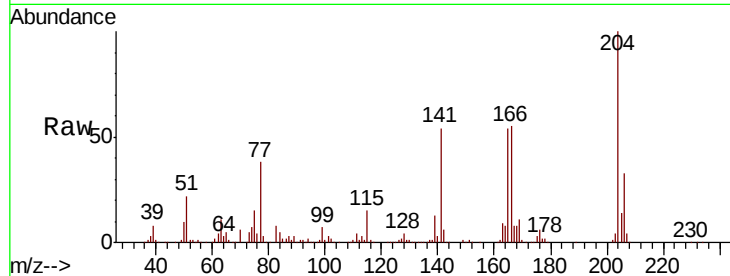
#61
 4-Chlorophenyl-phenylether
 Concen: 45.888 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BS

Tot Ion:	204	Resp:	411950
Ion Ratio	Lower	Upper	
204	100		
206	32.6	26.4	39.6
141	53.7	47.0	70.4

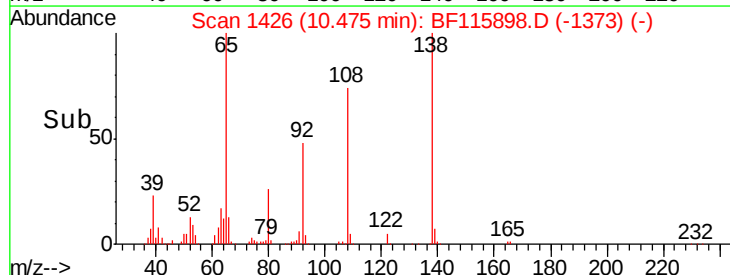
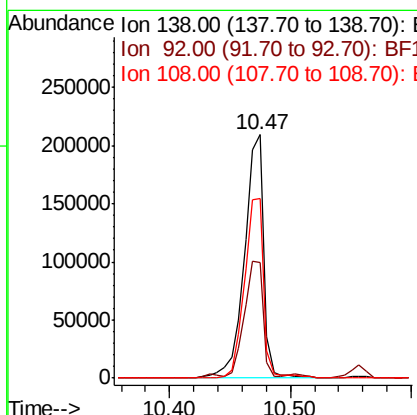
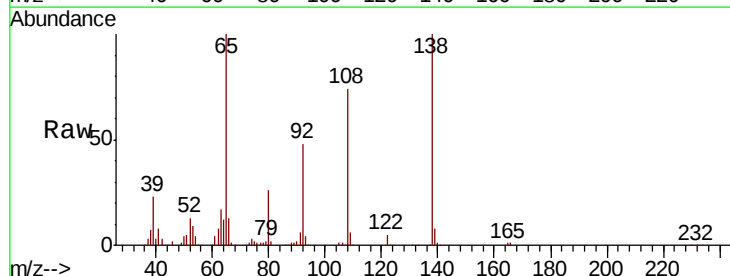
Manual Integrations
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#62
 4-Nitroaniline
 Concen: 41.151 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion:	138	Resp:	234226
Ion Ratio	Lower	Upper	
138	100		
92	47.7	31.0	71.0
108	73.9	56.7	96.7





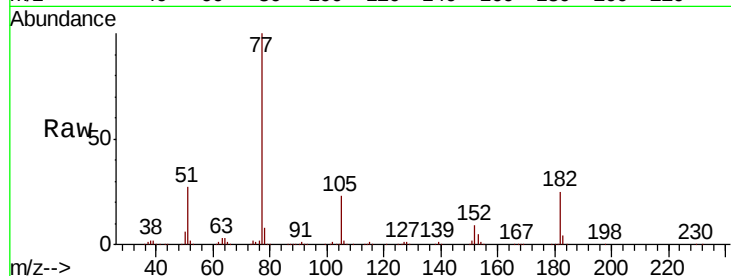
#63
Azobenzene
Concen: 46.647 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

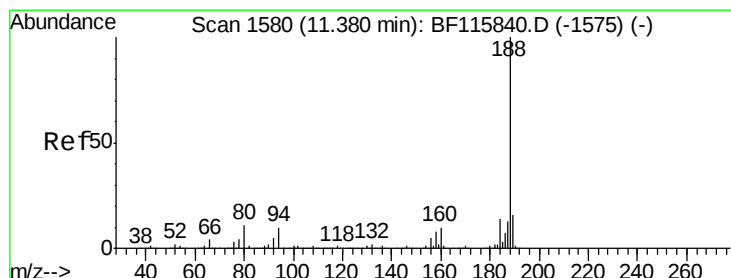
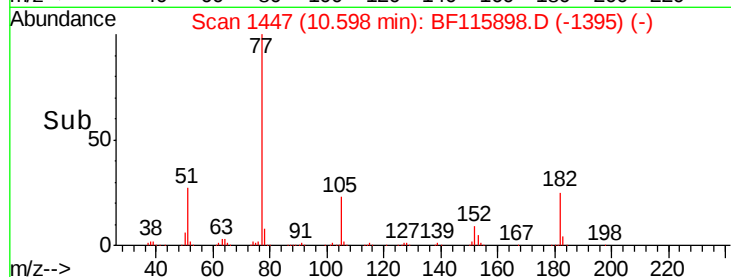
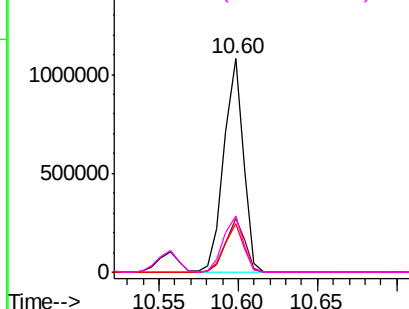
Tot Ion	Ratio	Lower	Upper
77	100		
182	25.0	2.6	42.6
105	22.6	1.6	41.6
51	26.6	7.4	47.4

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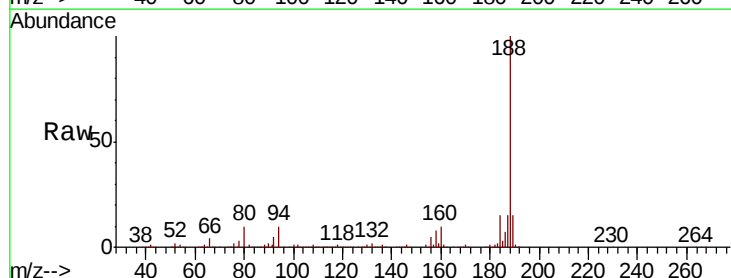


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

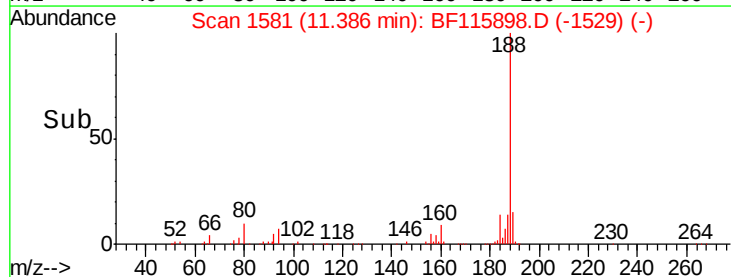
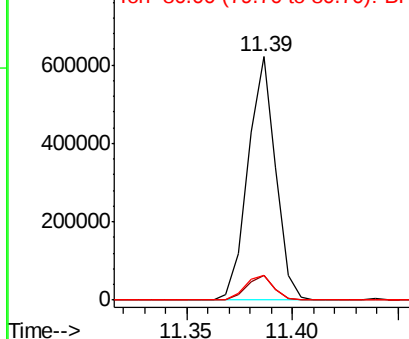


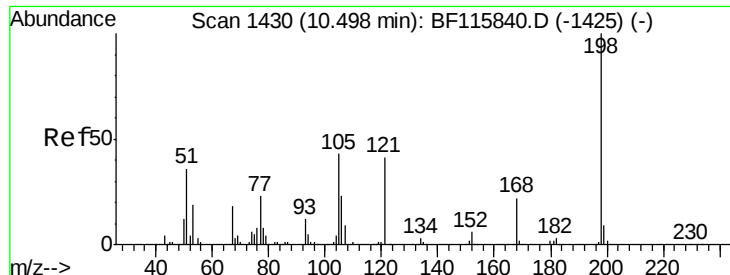
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.9	8.0	12.0
80	10.2	8.6	12.8



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





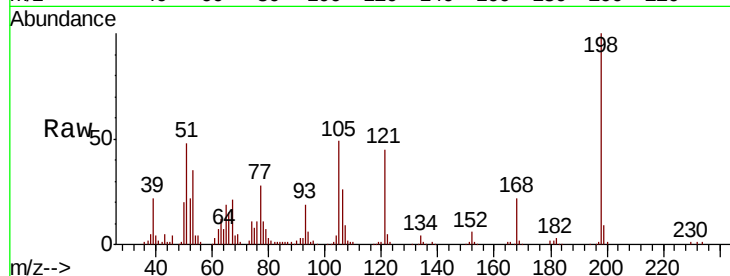
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.426 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	132244		
51	48.3	21.1	61.1	
105	49.2	24.5	64.5	

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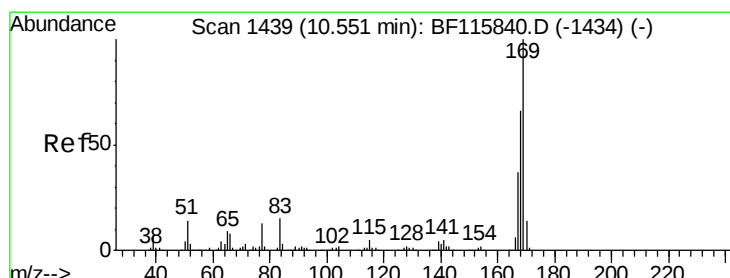
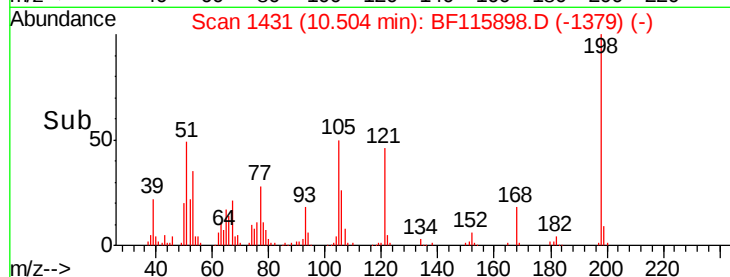
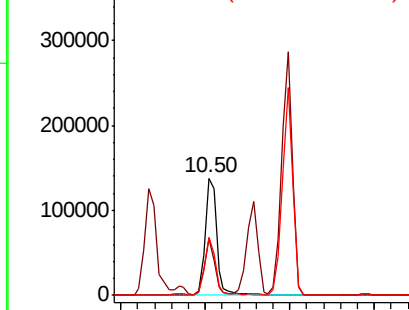


Abundance

Ion 198.00 (197.70 to 198.70): E

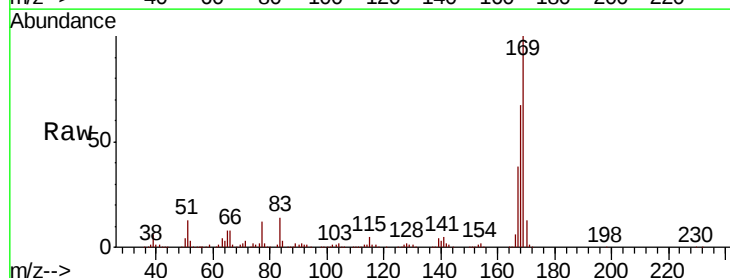
Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 44.041 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	744613		
168	67.1	53.0	79.6	
167	37.8	29.9	44.9	

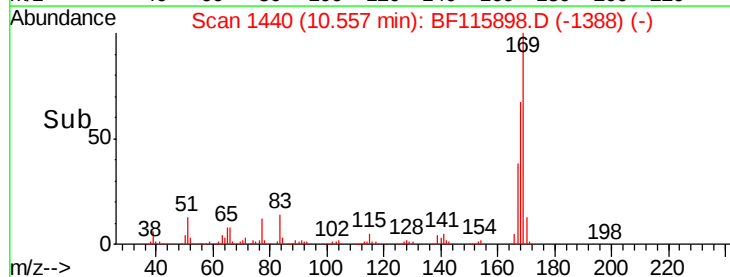
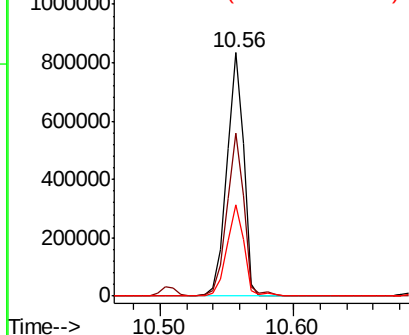


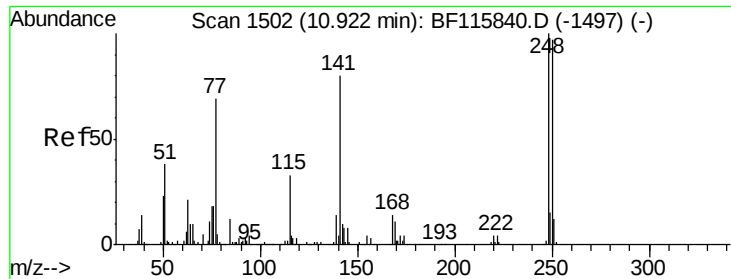
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





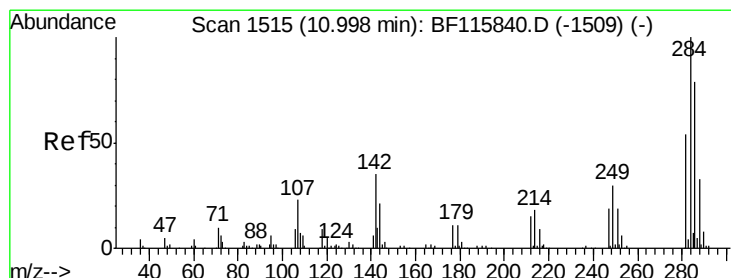
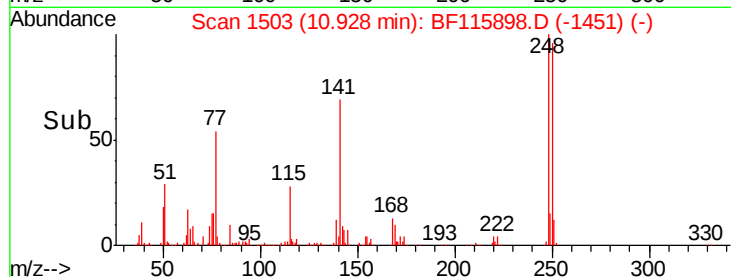
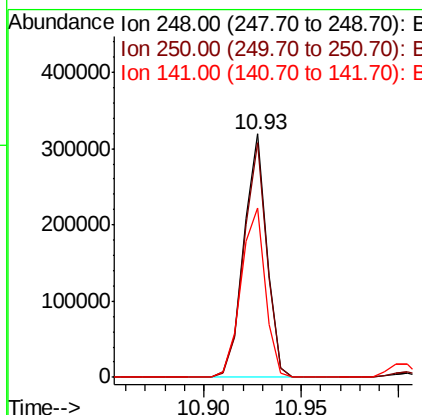
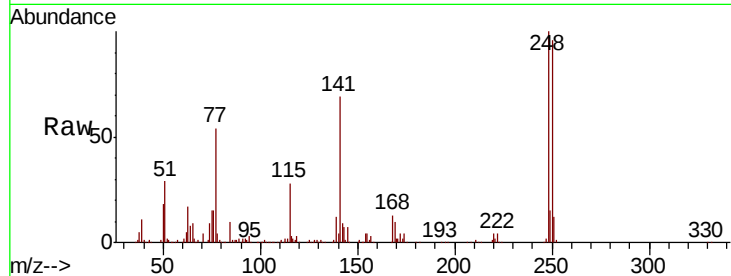
#67
4-Bromophenyl-phenylether
Concen: 43.219 ng
RT: 10.93 min Scan# 1503
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	77.8	116.6
141	69.3	64.3	96.5

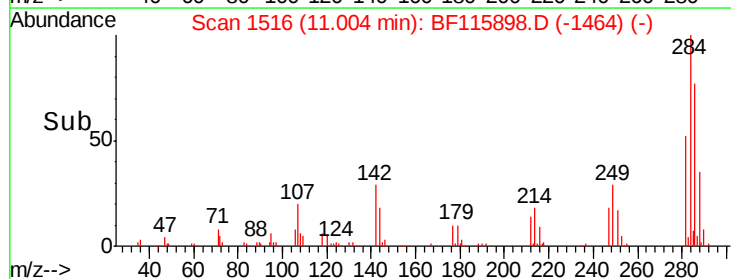
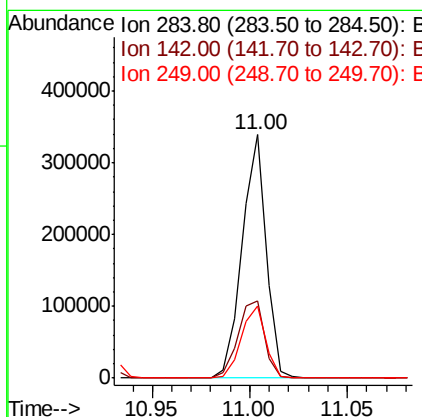
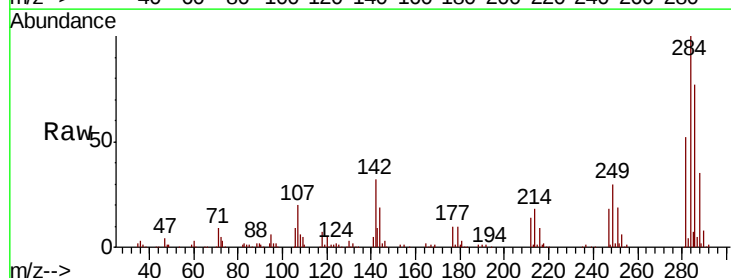
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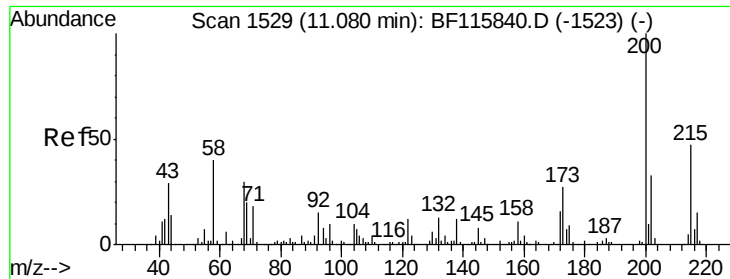
mohammad
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#68
Hexachlorobenzene
Concen: 41.490 ng
RT: 11.00 min Scan# 1516
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.6	28.2	42.2
249	29.5	24.0	36.0





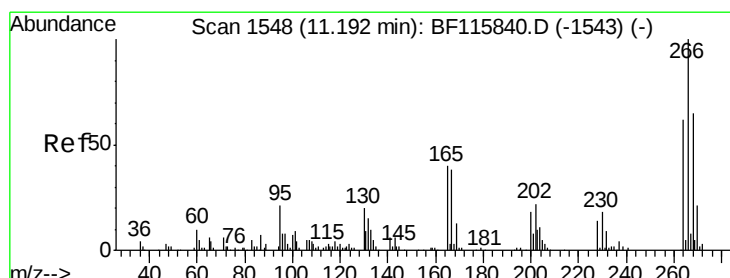
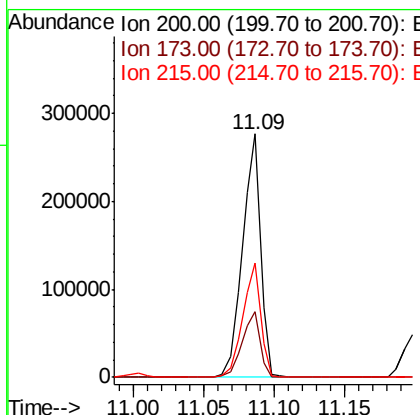
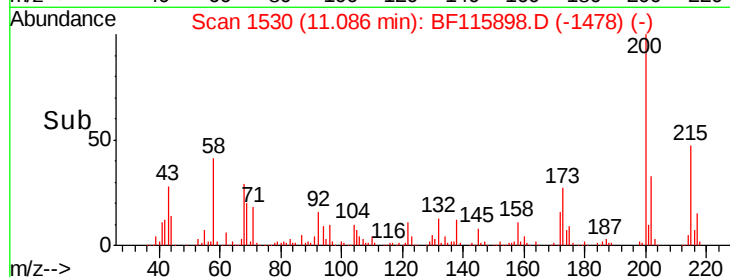
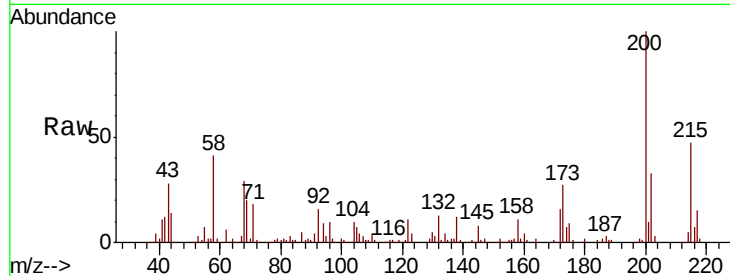
#69
 Atrazine
 Concen: 44.291 ng
 RT: 11.09 min Scan# 1530
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BS

Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	27.0	7.3	47.3
215	46.9	26.9	66.9

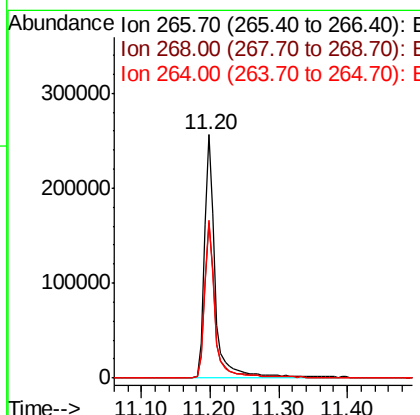
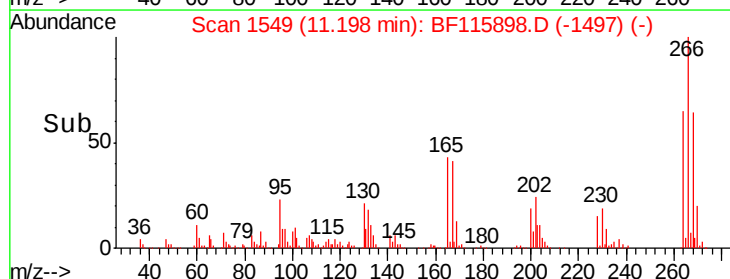
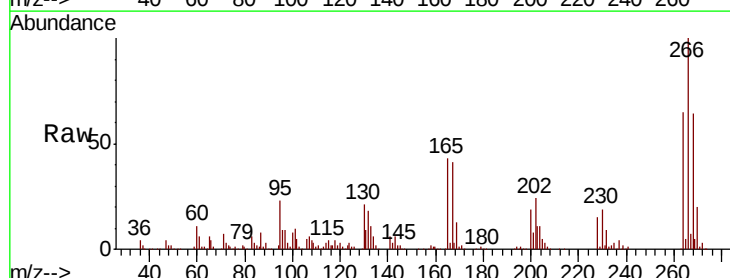
Manual Integrations
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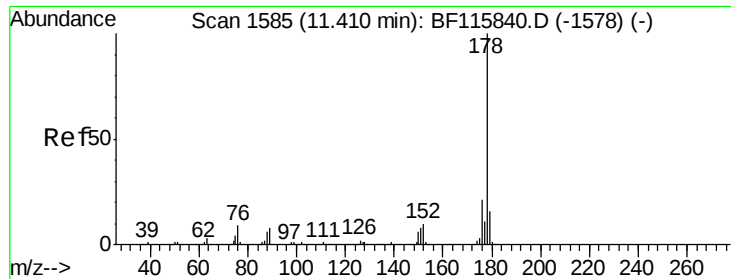
mohammad
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#70
 Pentachlorophenol
 Concen: 86.754 ng
 RT: 11.20 min Scan# 1549
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.7	51.6	77.4
264	64.8	49.4	74.0





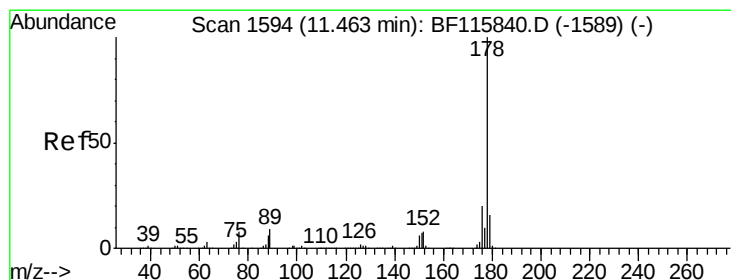
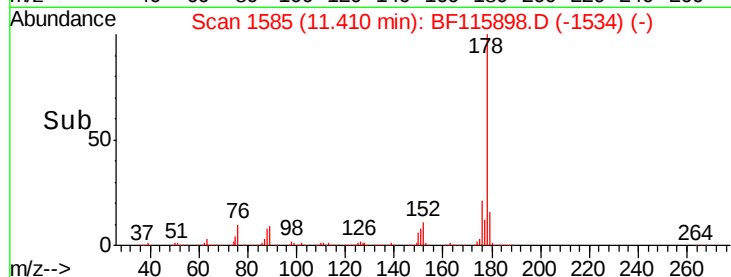
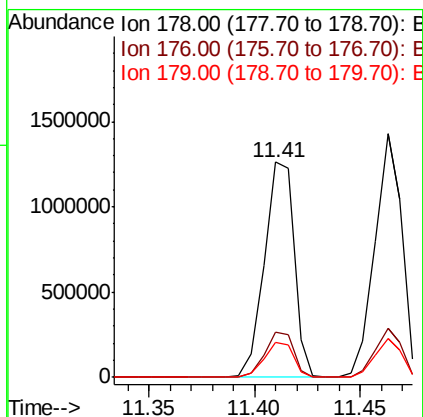
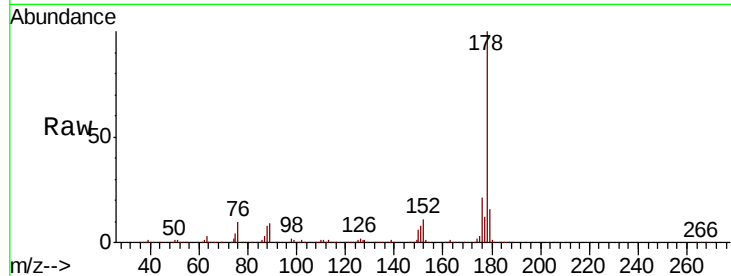
#71
Phenanthrene
Concen: 43.550 ng
RT: 11.41 min Scan# 1585
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion:178 Resp: 1250580
Ion Ratio Lower Upper
178 100
176 20.8 16.5 24.7
179 16.3 12.6 18.8

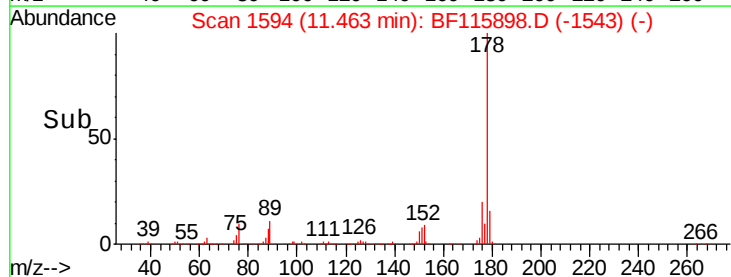
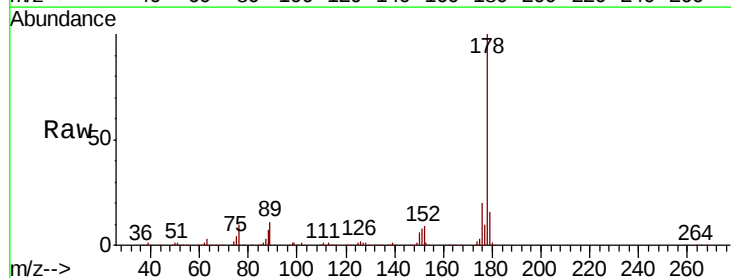
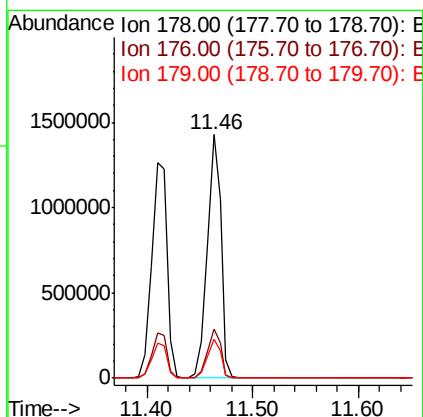
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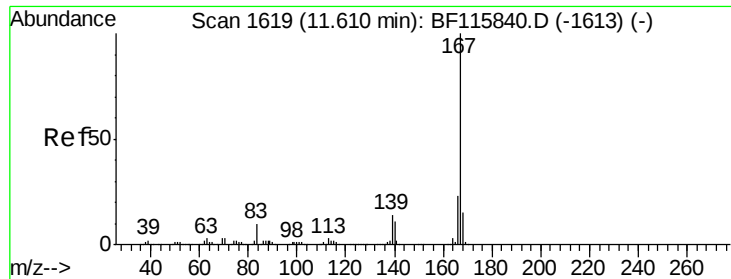
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#72
Anthracene
Concen: 44.232 ng
RT: 11.46 min Scan# 1594
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion:178 Resp: 1285482
Ion Ratio Lower Upper
178 100
176 20.2 15.7 23.5
179 16.1 12.4 18.6





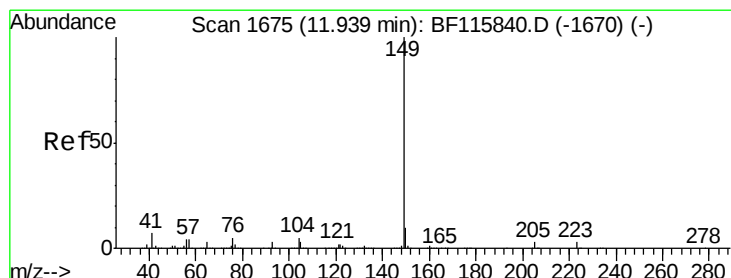
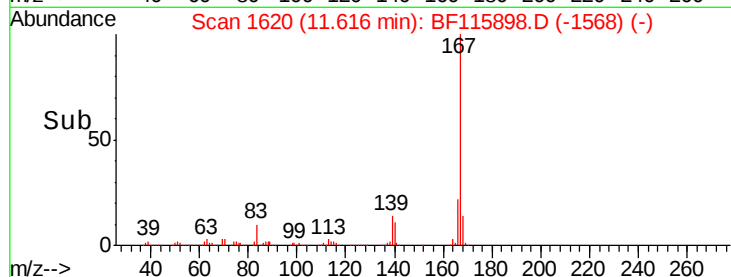
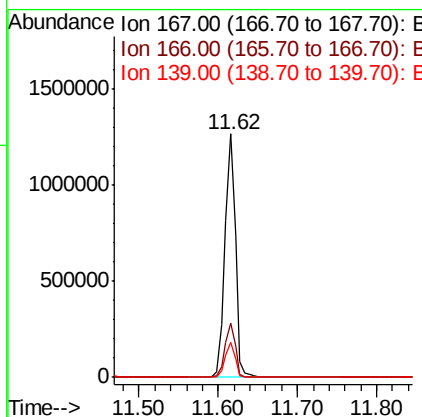
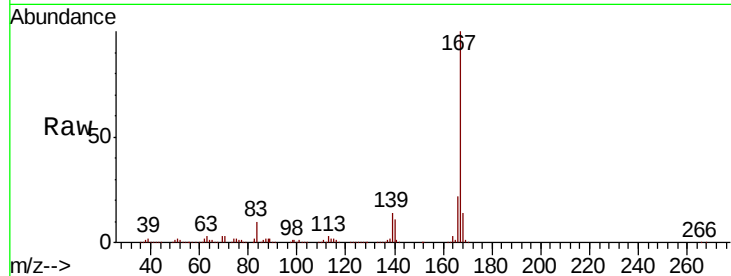
#73
 Carbazole
 Concen: 43.842 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.4	18.0	27.0
139	14.2	11.4	17.2

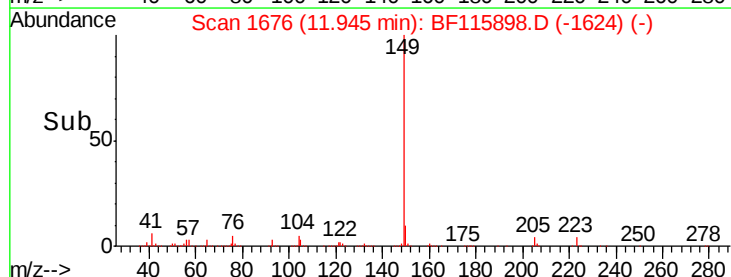
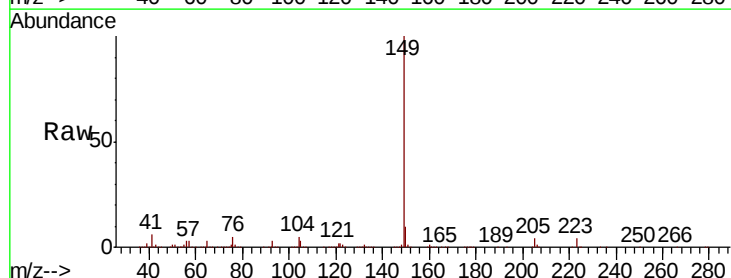
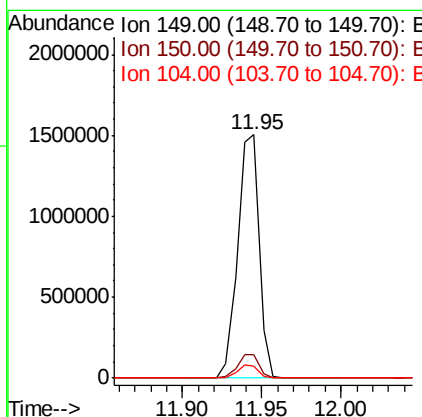
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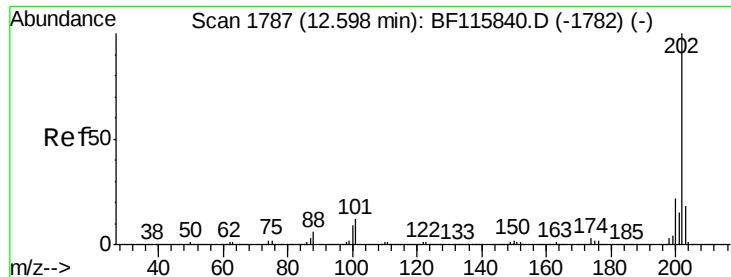
mohammad
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#74
 Di-n-butylphthalate
 Concen: 45.936 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.0	4.3	6.5





#75

Fluoranthene

Concen: 45.368 ng

RT: 12.60 min Scan# 1787

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

PB121853BS

Tot Ion:202 Resp: 1363885

Ion Ratio Lower Upper

202 100

101 13.5 0.0 31.5

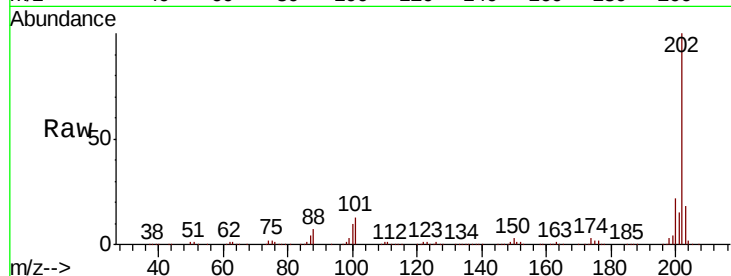
203 18.4 0.0 37.9

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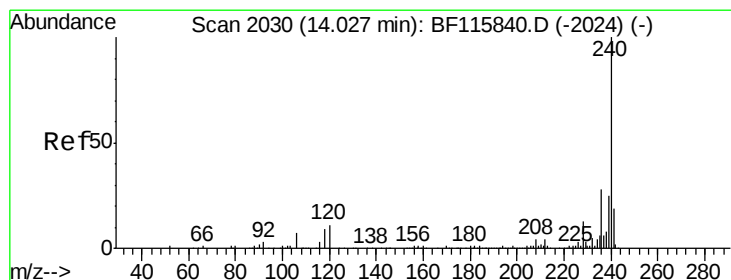
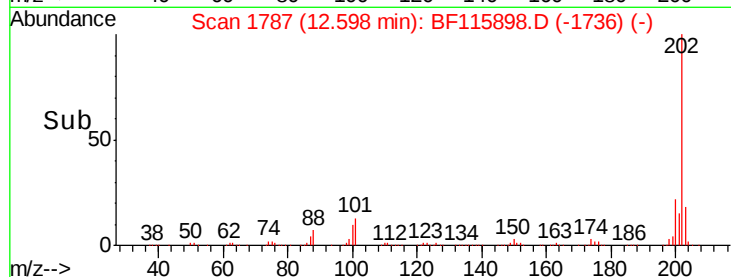
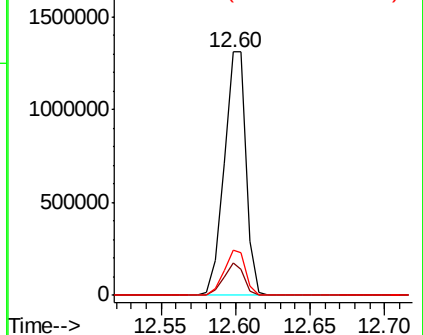
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.03 min Scan# 2031

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

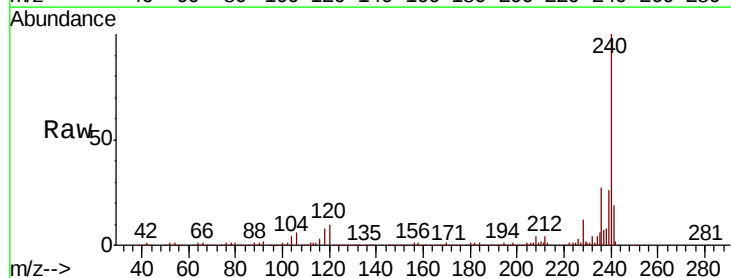
Tgt Ion:240 Resp: 421613

Ion Ratio Lower Upper

240 100

120 9.8 8.5 12.7

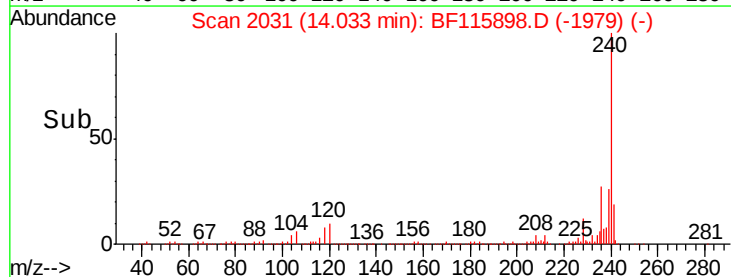
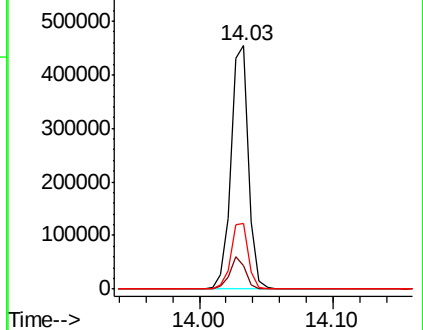
236 27.2 22.2 33.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 40.915 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

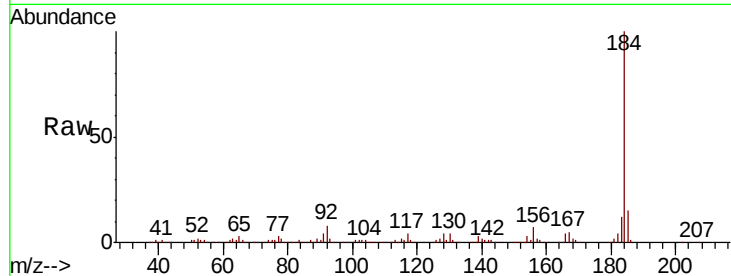
ClientSampleId :

PB121853BS

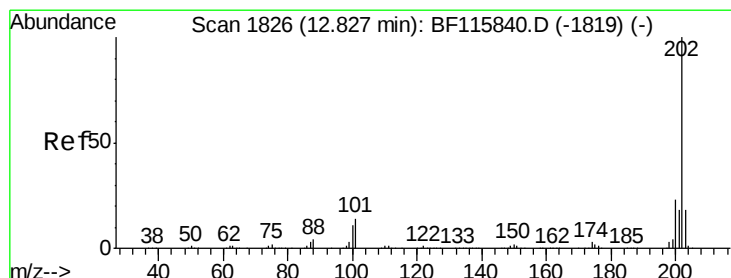
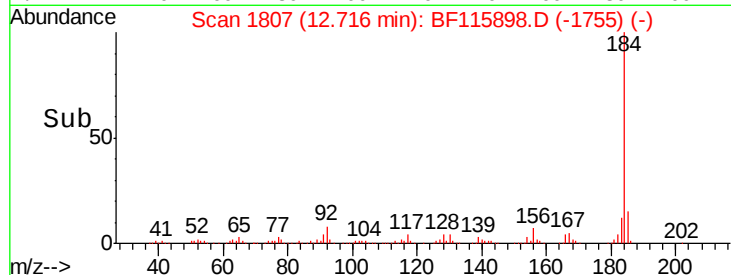
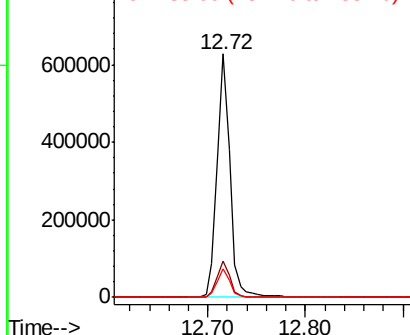
Tot Ion:	184	Resp:	582792
Ion Ratio	Lower	Upper	
184	100		
185	14.8	13.4	20.2
183	11.5	9.1	13.7

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



#78

Pyrene

Concen: 43.724 ng

RT: 12.83 min Scan# 1827

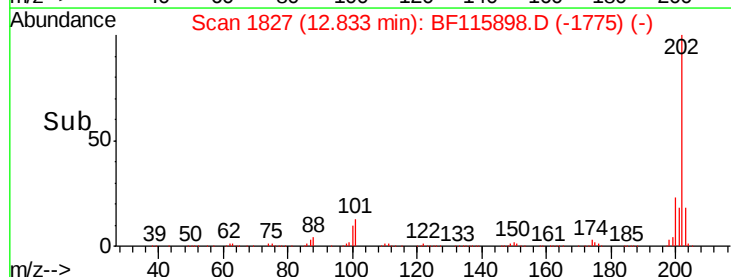
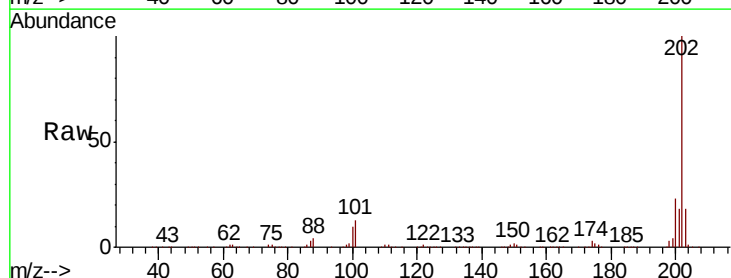
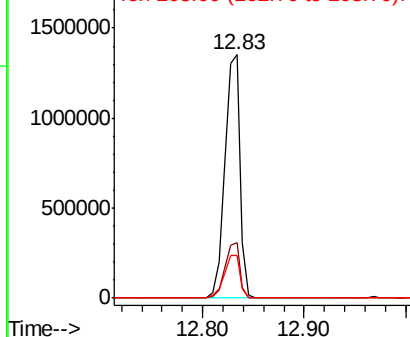
Delta R.T. 0.01 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Tgt Ion:	202	Resp:	1389615
Ion Ratio	Lower	Upper	
202	100		
200	22.7	18.2	27.2
203	17.7	14.3	21.5

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





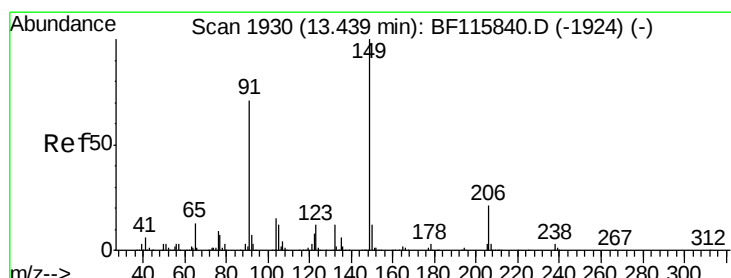
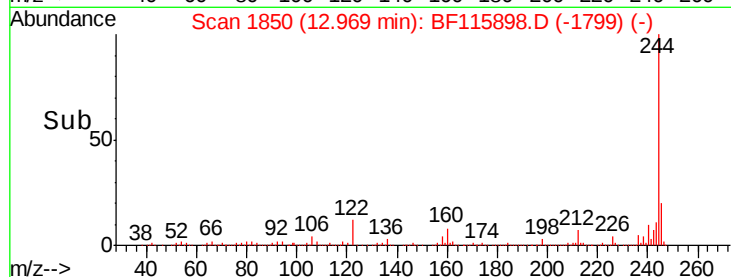
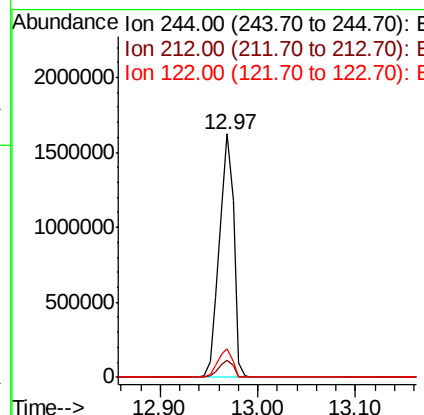
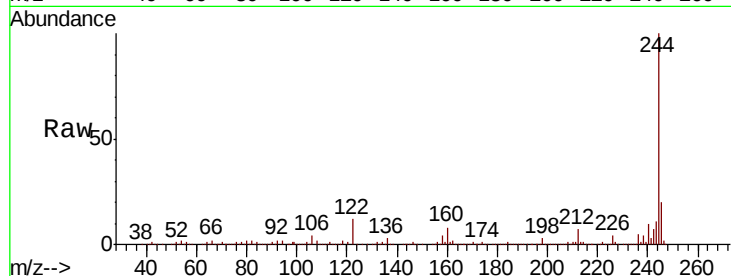
#79
 Terphenyl-d14
 Concen: 83.494 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.8	8.6	13.0

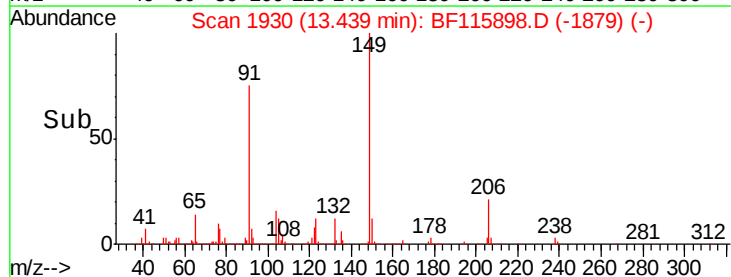
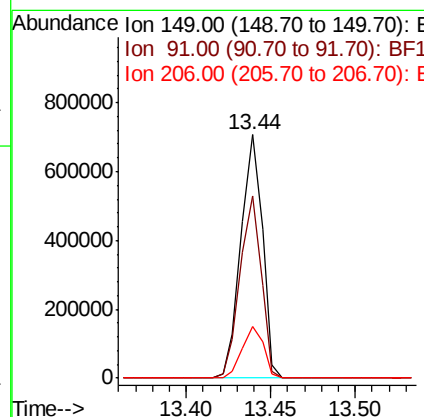
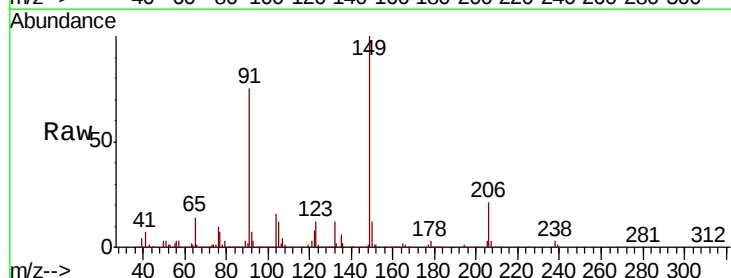
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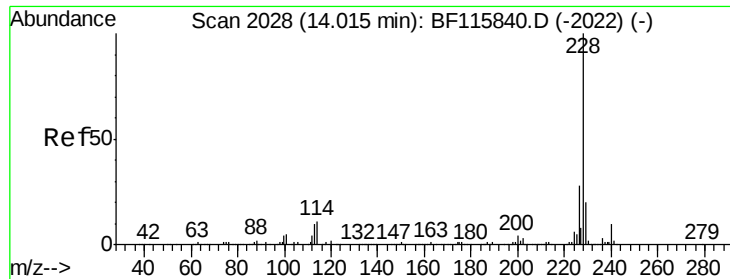
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#80
 Butylbenzylphthalate
 Concen: 46.740 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.0	57.0	85.6
206	21.0	16.9	25.3





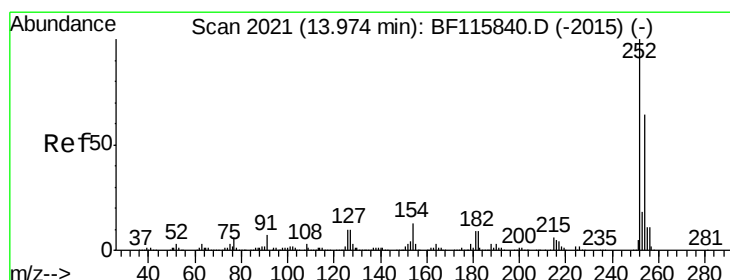
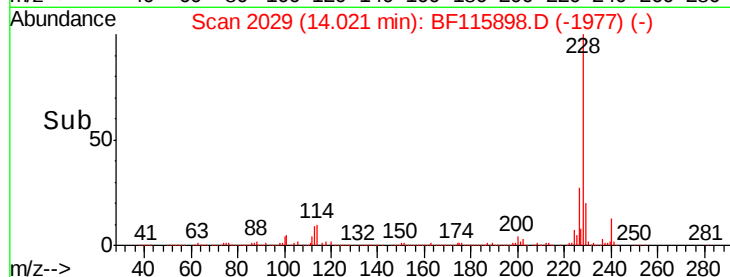
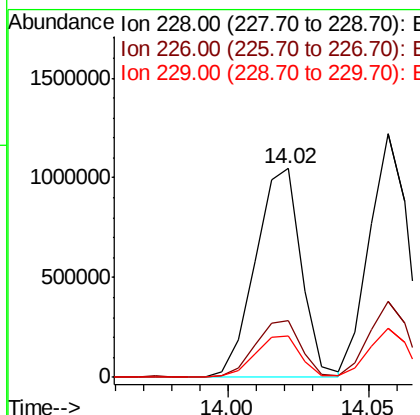
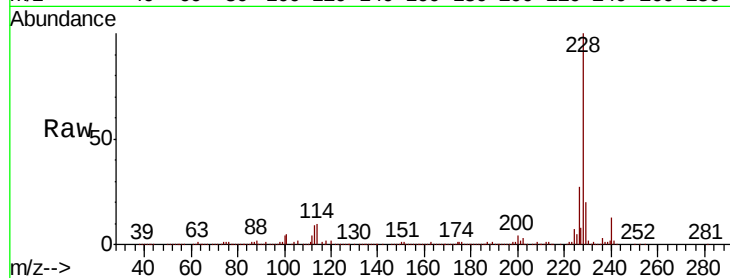
#81
Benzo(a)anthracene
Concen: 43.679 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.5	33.7
229	19.8	16.1	24.1

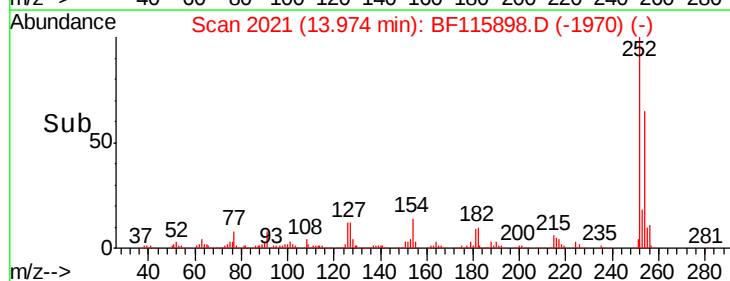
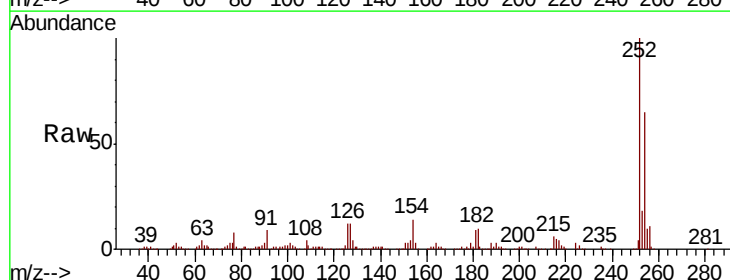
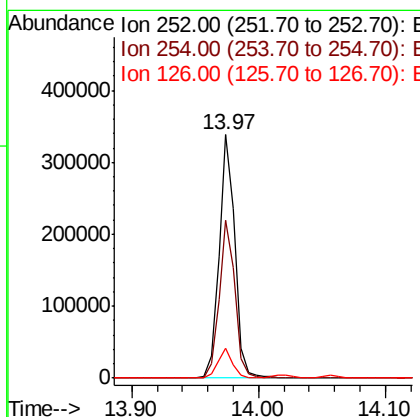
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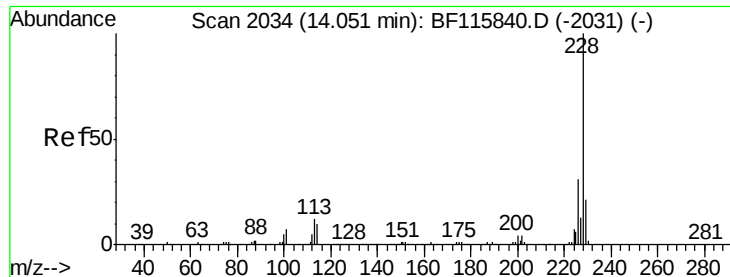
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#82
3,3'-Dichlorobenzidine
Concen: 31.634 ng
RT: 13.97 min Scan# 2021
Delta R.T. 0.00 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	12.1	8.1	12.1





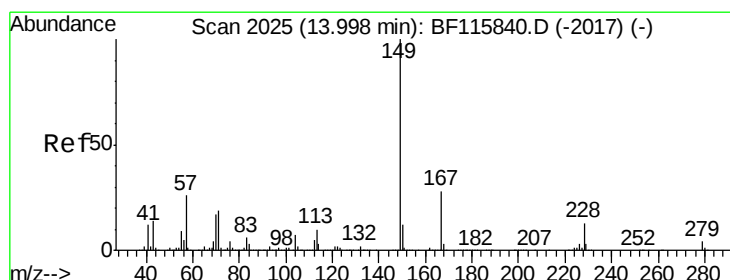
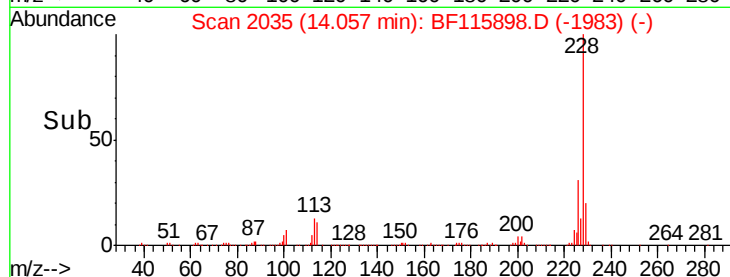
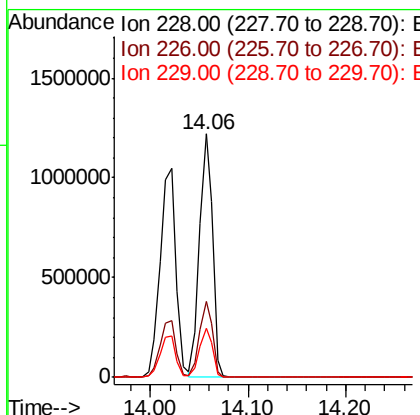
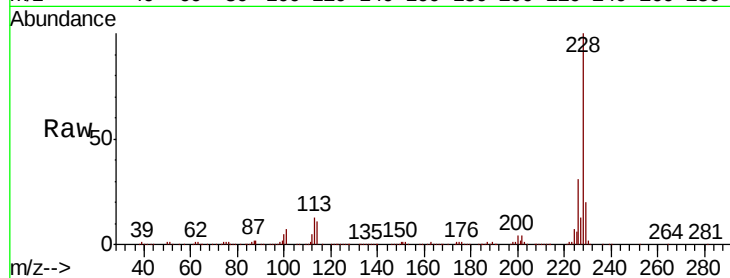
#83
 Chrysene
 Concen: 43.201 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. 0.01 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Instrument :
 BNA_F
 ClientSampleId :
 PB121853BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	20.4	16.4	24.6

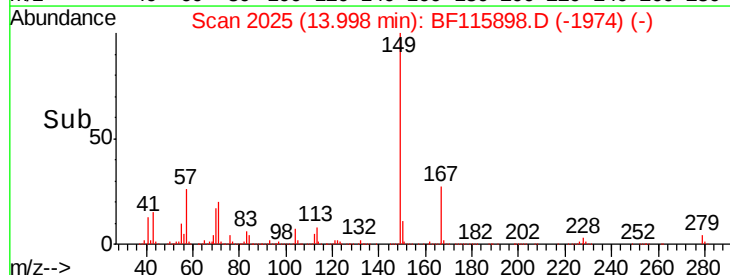
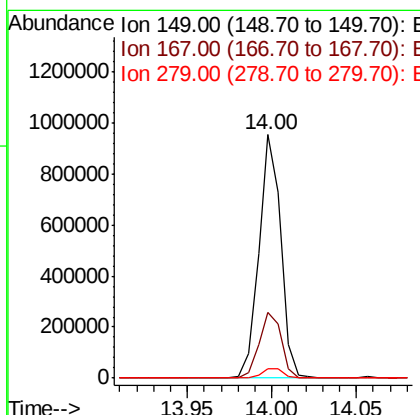
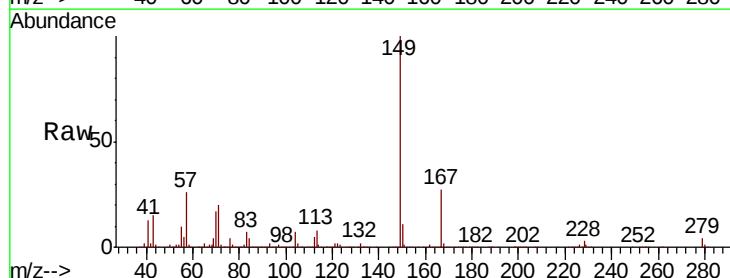
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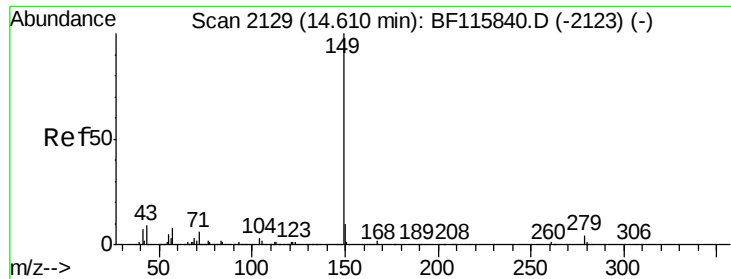
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 49.143 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BF115898.D
 Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.3	22.4	33.6
279	3.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 48.892 ng

RT: 14.61 min Scan# 2129

Delta R.T. 0.00 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

Instrument :

BNA_F

ClientSampleId :

PB121853BS

Tot Ion:149 Resp: 1356699

Ion Ratio Lower Upper

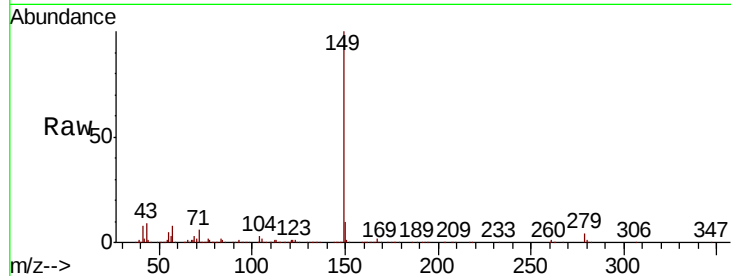
149 100

167 1.6 1.2 1.8

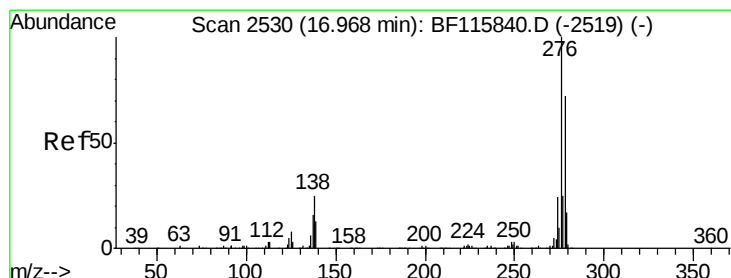
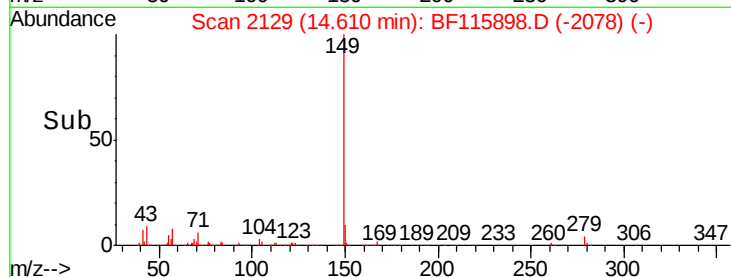
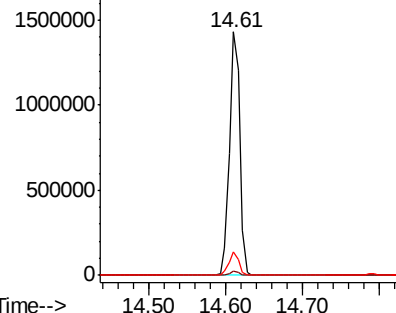
43 9.0 7.4 11.0

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Abundance Ion 149.00 (148.70 to 149.70): E
2000000 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: 42.401 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.02 min

Lab File: BF115898.D

Acq: 1 Aug 2019 10:56

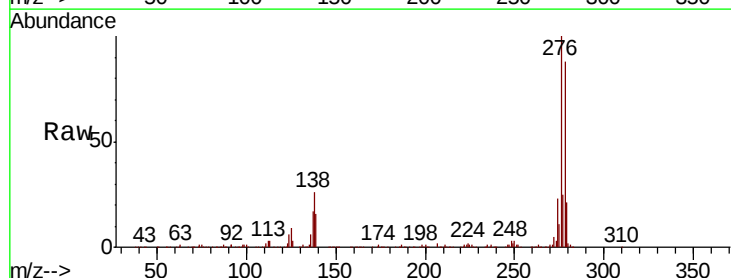
Tgt Ion:276 Resp: 931705

Ion Ratio Lower Upper

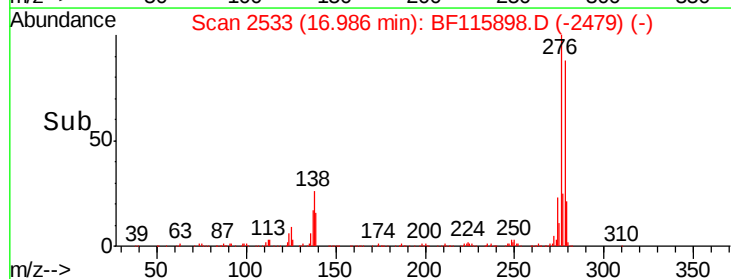
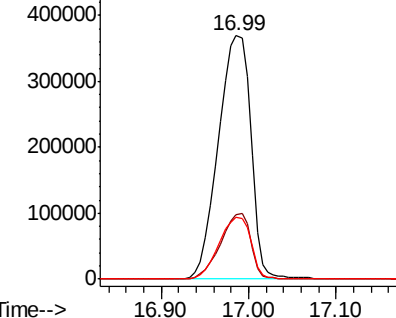
276 100

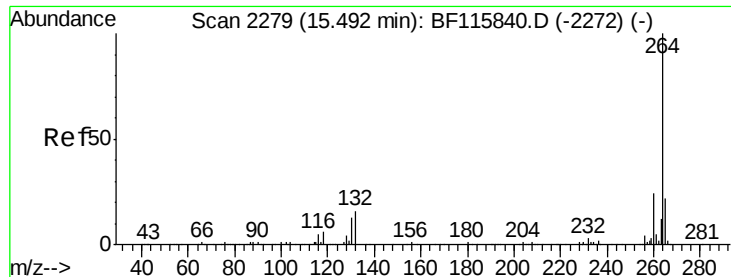
138 24.9 19.6 29.4

277 25.0 20.1 30.1



Abundance Ion 276.00 (275.70 to 276.70): E
500000 Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





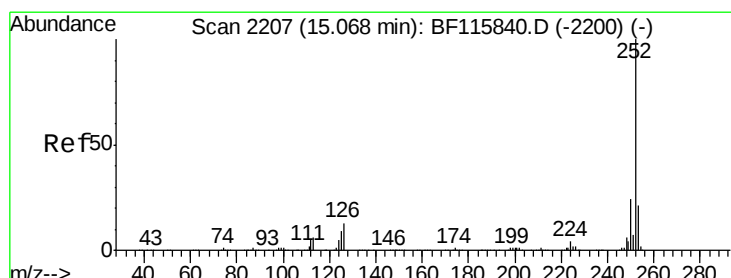
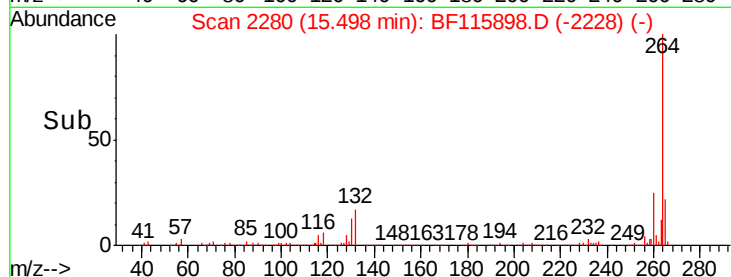
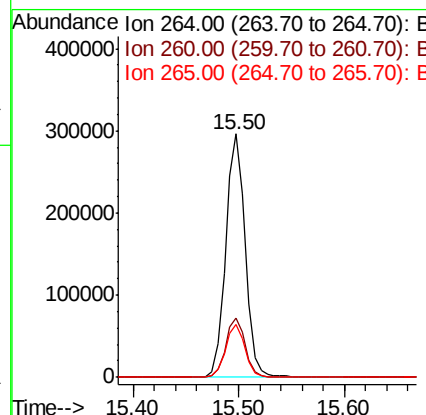
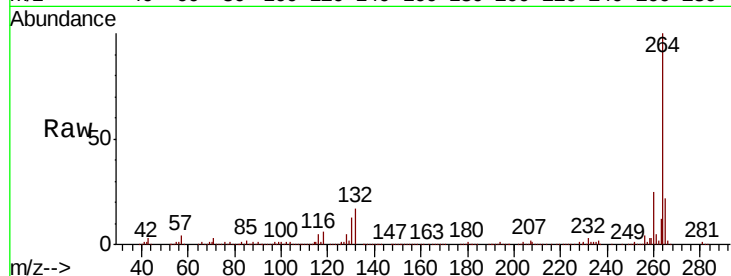
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.5	17.5	26.3

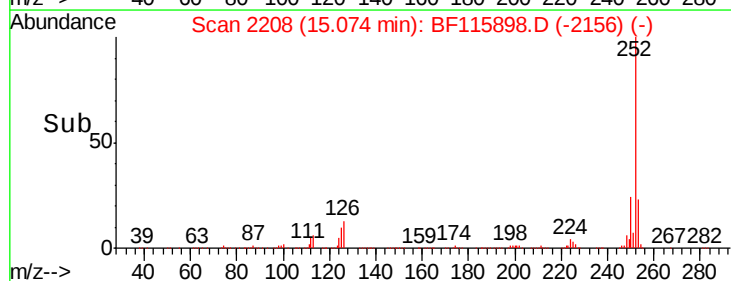
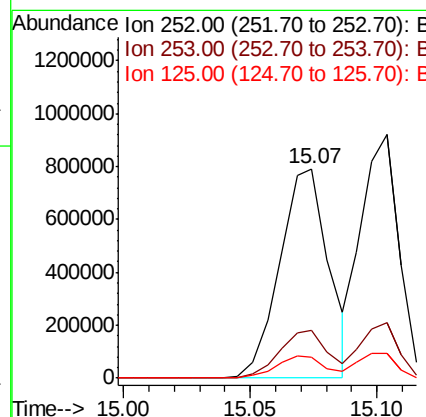
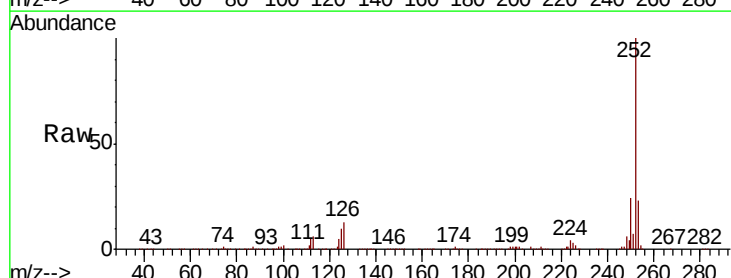
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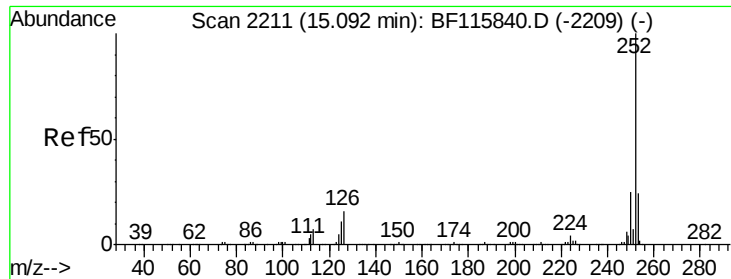
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#88
Benzo(b)fluoranthene
Concen: 48.611 ng
RT: 15.07 min Scan# 2208
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.2	25.8
125	9.8	7.4	11.0





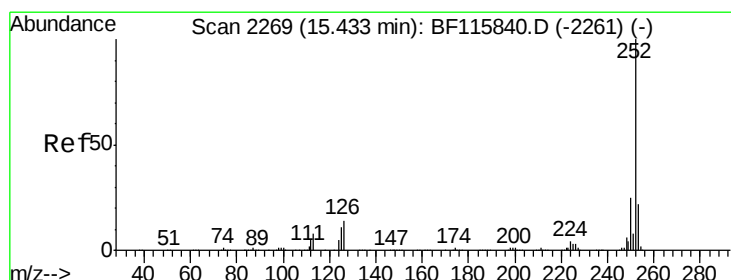
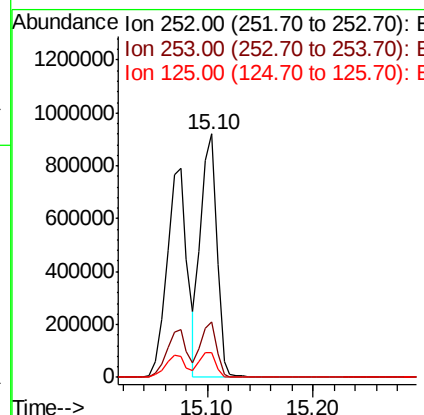
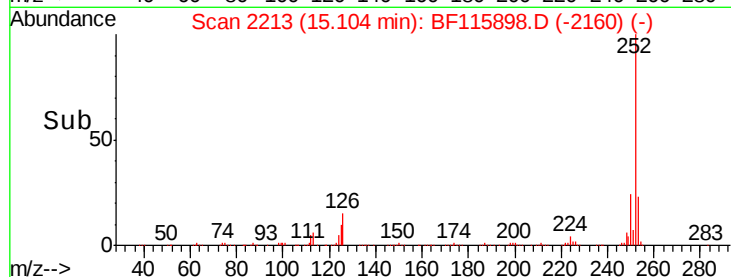
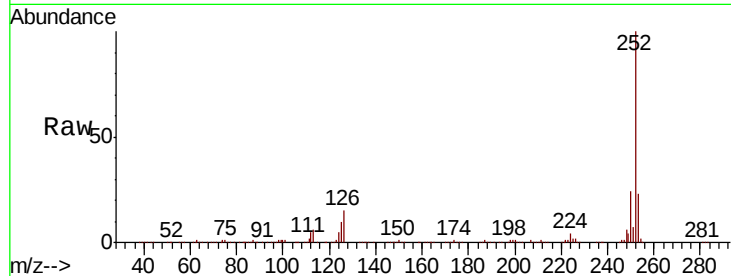
#89
Benzo(k)fluoranthene
Concen: 45.353 ng
RT: 15.10 min Scan# 2213
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	10.1	8.9	13.3

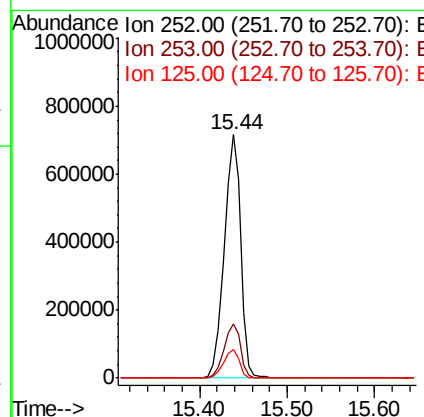
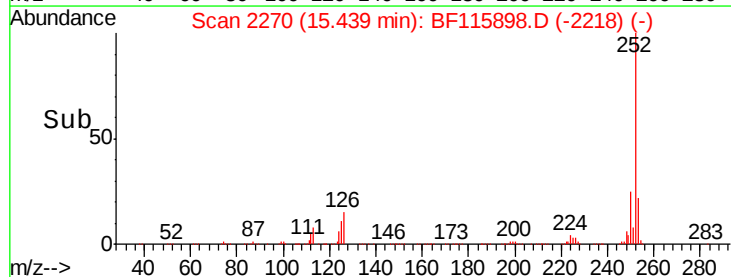
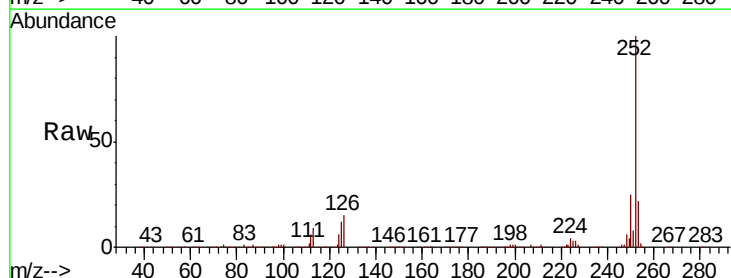
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#90
Benzo(a)pyrene
Concen: 47.922 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.6
125	11.5	8.8	13.2





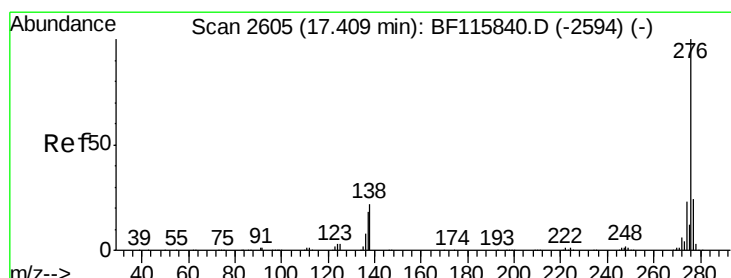
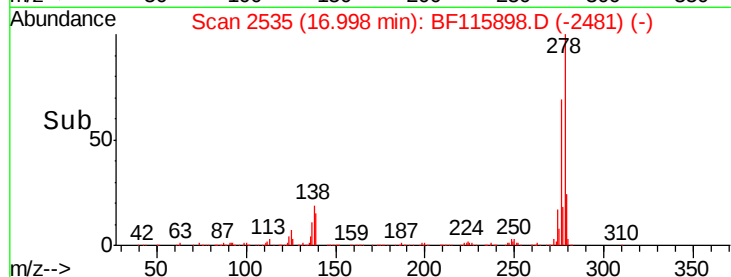
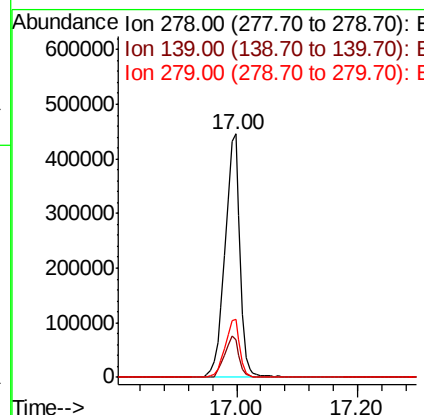
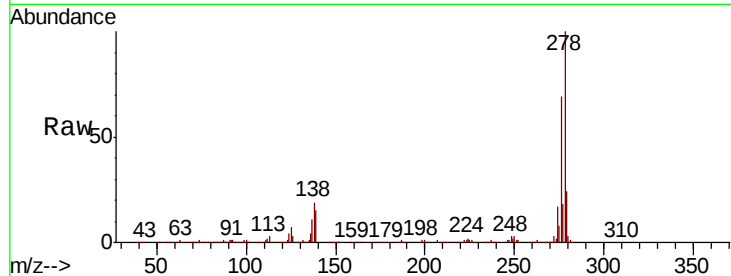
#91
Dibenzo(a,h)anthracene
Concen: 45.291 ng
RT: 17.00 min Scan# 2535
Delta R.T. 0.02 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Instrument :
BNA_F
ClientSampleId :
PB121853BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.4	12.6	19.0
279	24.0	18.8	28.2

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#92
Benzo(g,h,i)perylene
Concen: 46.765 ng
RT: 17.43 min Scan# 2609
Delta R.T. 0.02 min
Lab File: BF115898.D
Acq: 1 Aug 2019 10:56

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.4	19.5	29.3
138	21.4	17.8	26.8

