

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
 Data File : BF132802.D
 Acq On : 15 Mar 2023 14:32
 Operator : CG\JU
 Sample : PB151432BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB151432BL

Quant Time: Mar 16 05:42:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 14 15:35:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

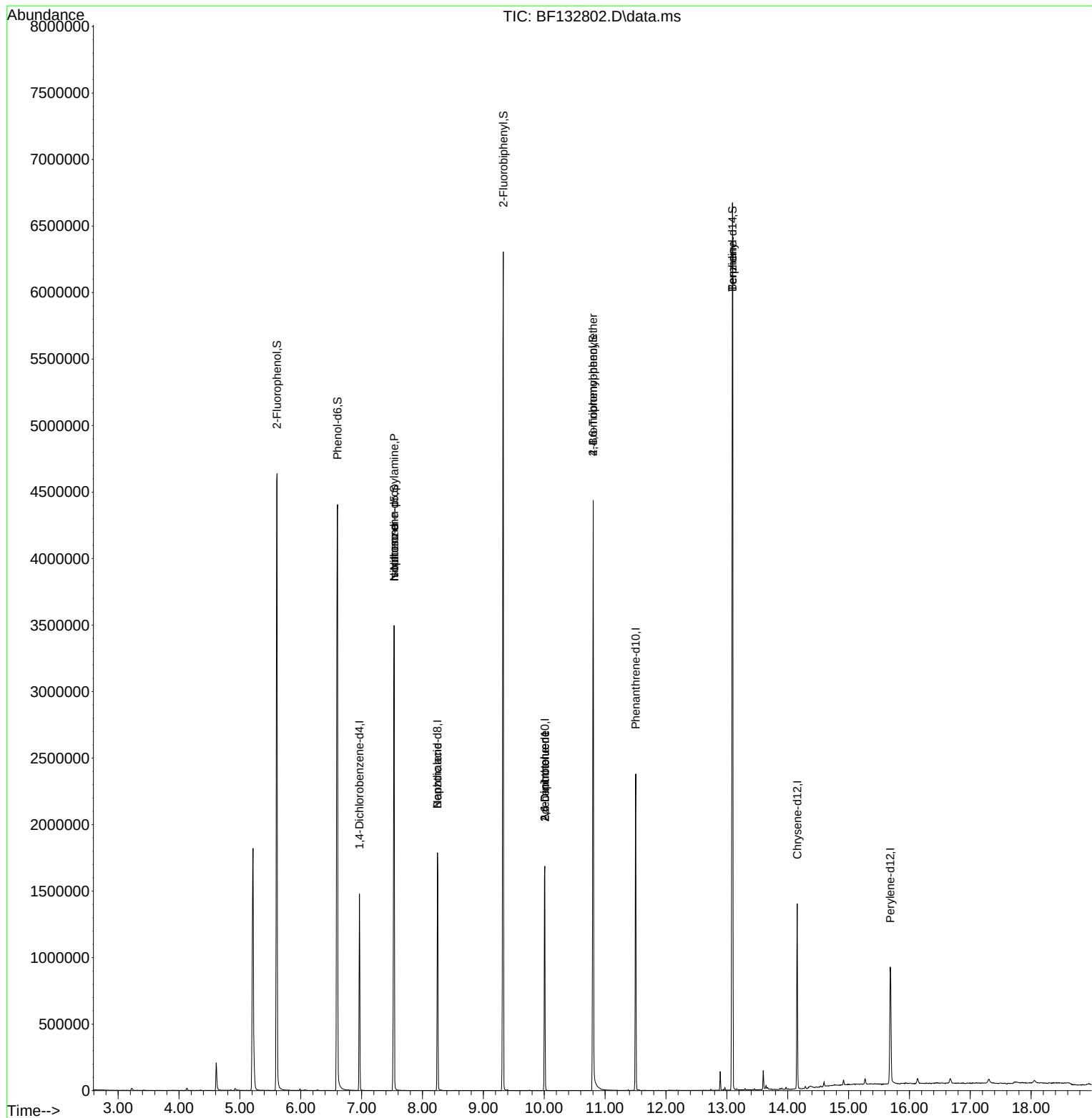
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	214125	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	806369	20.000	ng	0.00
39) Acenaphthene-d10	10.010	164	357354	20.000	ng	0.00
64) Phenanthrene-d10	11.504	188	896106	20.000	ng	0.00
76) Chrysene-d12	14.157	240	463261	20.000	ng	0.00
86) Perylene-d12	15.686	264	433524	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.610	112	1570201	119.014	ng	0.02
7) Phenol-d6	6.604	99	2063414	119.837	ng	0.00
23) Nitrobenzene-d5	7.534	82	1281100	75.376	ng	0.00
42) 2,4,6-Tribromophenol	10.804	330	597499	154.822	ng	0.00
45) 2-Fluorobiphenyl	9.328	172	2093476	89.202	ng	0.00
79) Terphenyl-d14	13.092	244	2903797	105.979	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.534	70	169162	15.963	ng	# 74
25) Isophorone	7.534	82	1281087	39.315	ng	# 67
32) Benzoic acid	8.245	122	195	3.854	ng	# 1
51) 2,6-Dinitrotoluene	10.010	165	47279	7.979	ng	# 22
57) 2,4-Dinitrotoluene	10.010	165	47279	5.997	ng	# 21
67) 4-Bromophenyl-phenylether	10.804	248	38579	3.806	ng	# 1
77) Benzidine	13.092	184	41850	3.711	ng	# 94

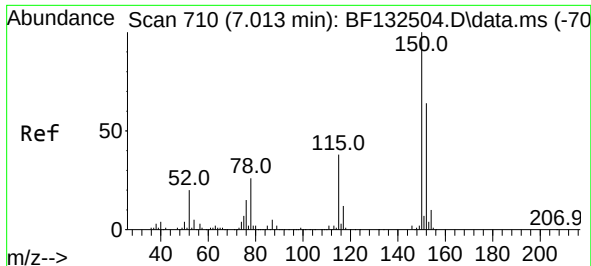
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031523\
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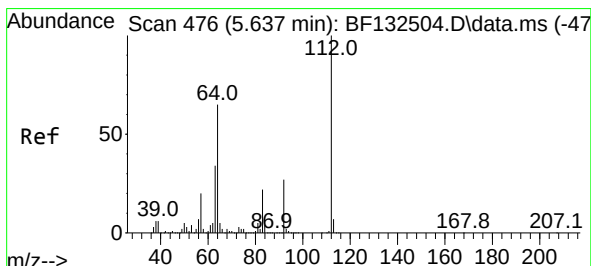
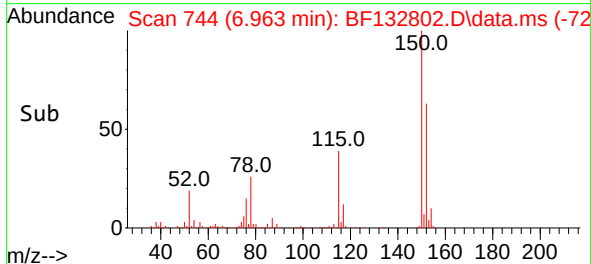
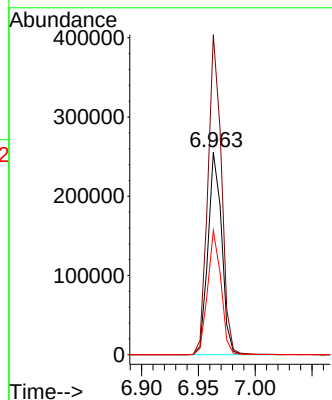
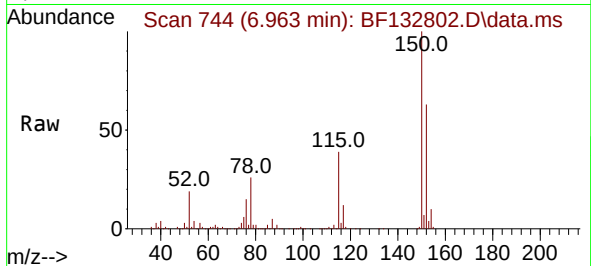




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

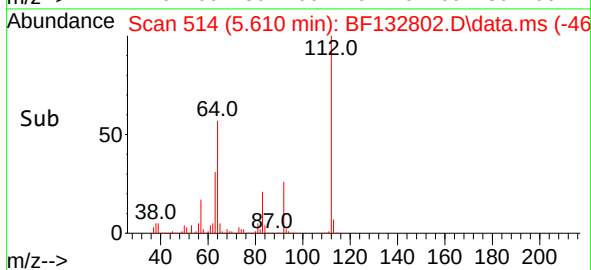
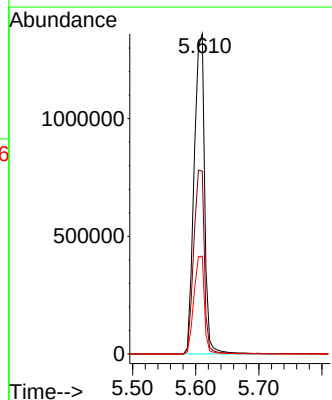
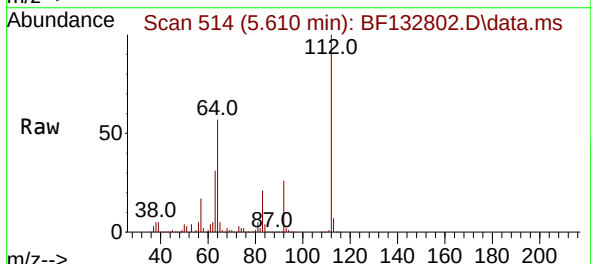
Instrument :
BNA_F
ClientSampleId :
PB151432BL

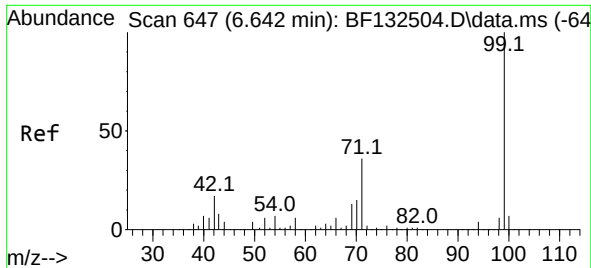
Tgt Ion:152 Resp: 214125
Ion Ratio Lower Upper
152 100
150 158.1 125.4 188.2
115 61.3 47.8 71.6



#5
2-Fluorophenol
Concen: 119.014 ng
RT: 5.610 min Scan# 514
Delta R.T. 0.018 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

Tgt Ion:112 Resp: 1570201
Ion Ratio Lower Upper
112 100
64 57.2 51.6 77.4
63 30.6 27.4 41.2

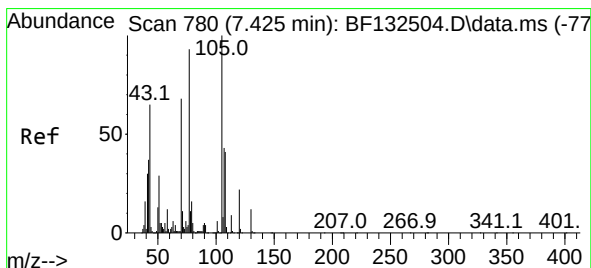
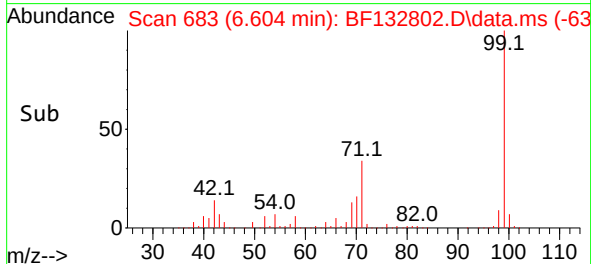
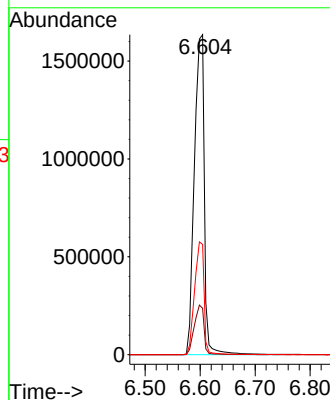
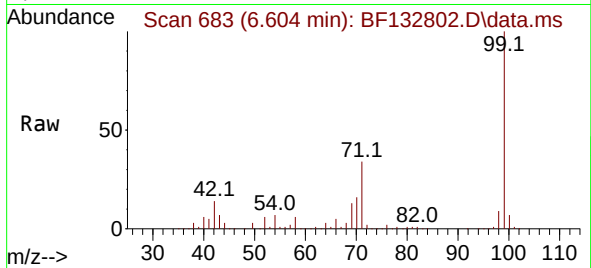




#7
Phenol-d6
Concen: 119.837 ng
RT: 6.604 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

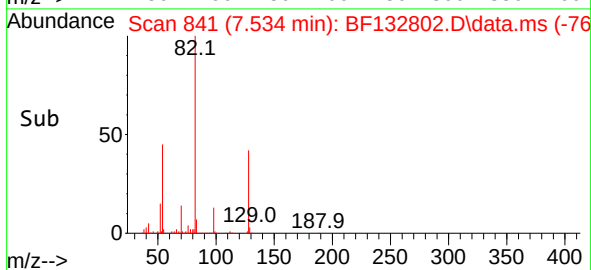
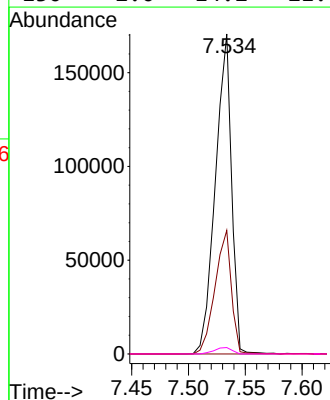
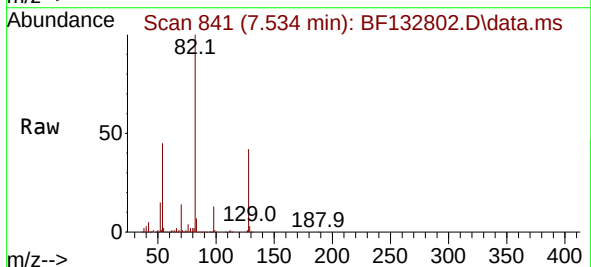
Instrument :
BNA_F
ClientSampleId :
PB151432BL

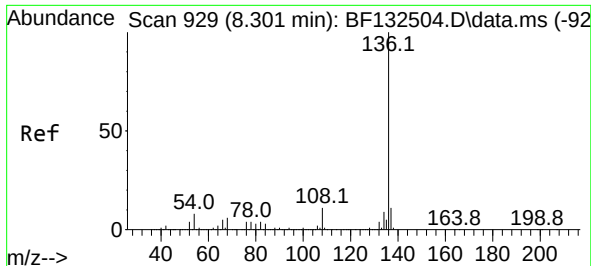
Tgt Ion: 99 Resp: 2063414
Ion Ratio Lower Upper
99 100
42 14.5 13.9 20.9
71 34.4 28.5 42.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.963 ng
RT: 7.534 min Scan# 841
Delta R.T. 0.153 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

Tgt Ion: 70 Resp: 169162
Ion Ratio Lower Upper
70 100
42 38.6 44.1 66.1#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#

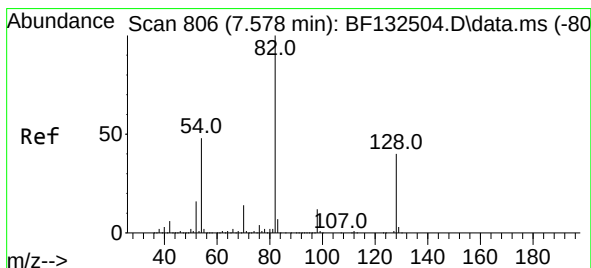
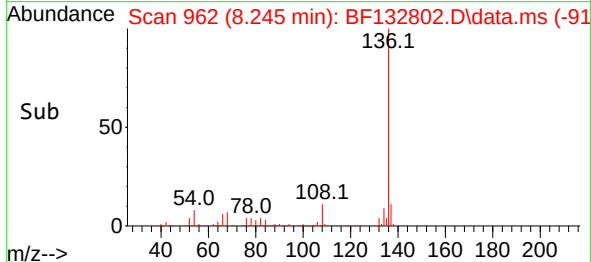
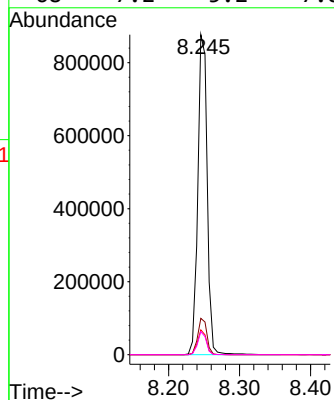
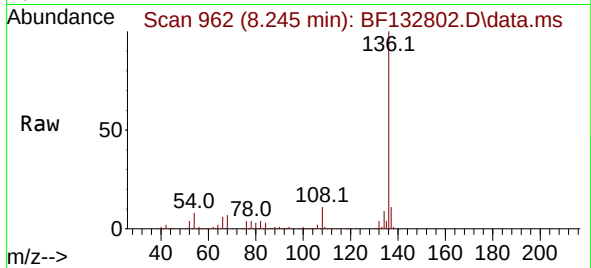




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

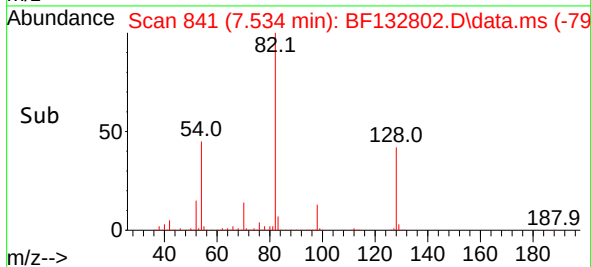
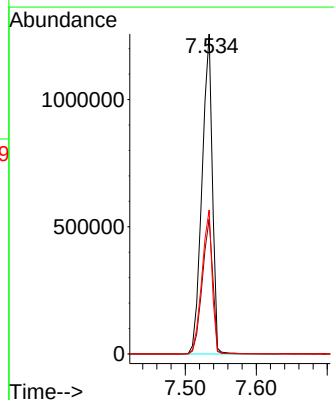
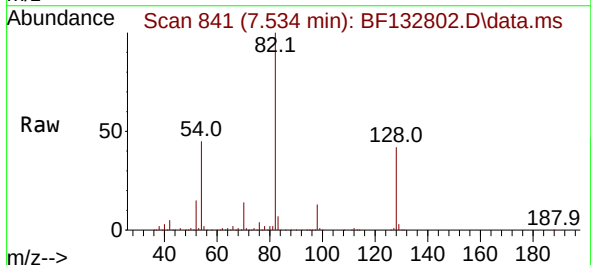
Instrument :
BNA_F
ClientSampleId :
PB151432BL

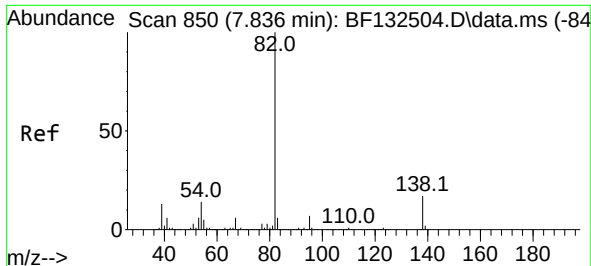
Tgt Ion:136 Resp: 806369
Ion Ratio Lower Upper
136 100
137 11.4 8.9 13.3
54 7.8 6.2 9.4
68 7.2 5.2 7.8



#23
Nitrobenzene-d5
Concen: 75.376 ng
RT: 7.534 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

Tgt Ion: 82 Resp: 1281100
Ion Ratio Lower Upper
82 100
128 42.2 32.2 48.2
54 45.0 38.4 57.6

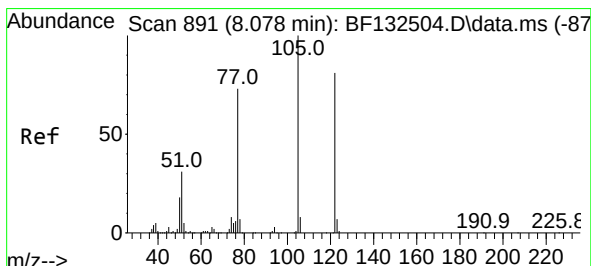
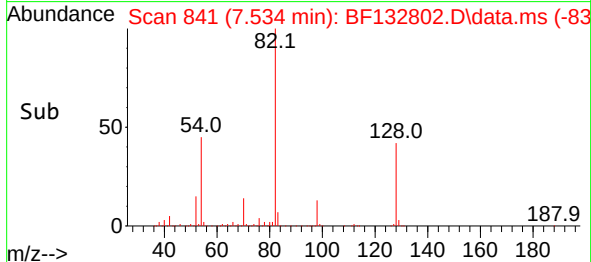
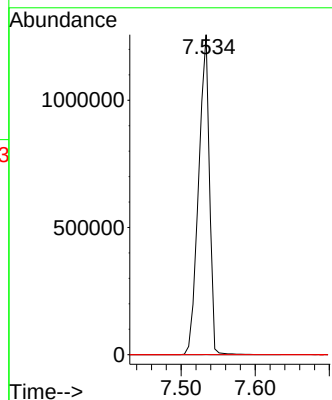
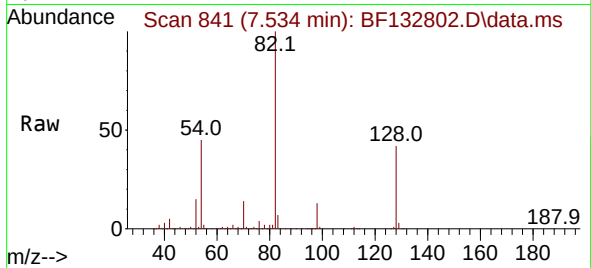




#25
Isophorone
Concen: 39.315 ng
RT: 7.534 min Scan# 84
Delta R.T. -0.259 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

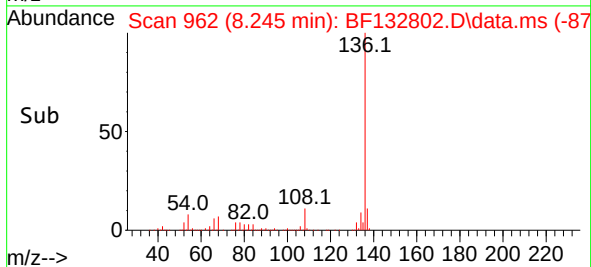
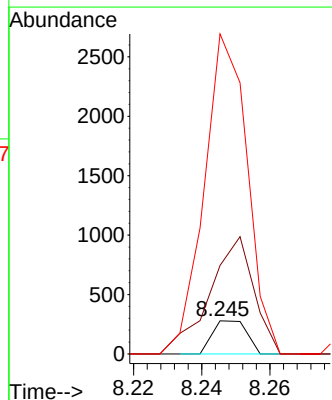
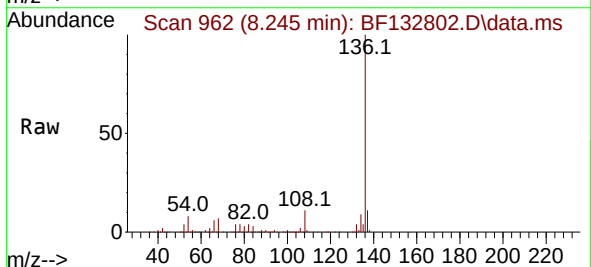
Instrument :
BNA_F
ClientSampleId :
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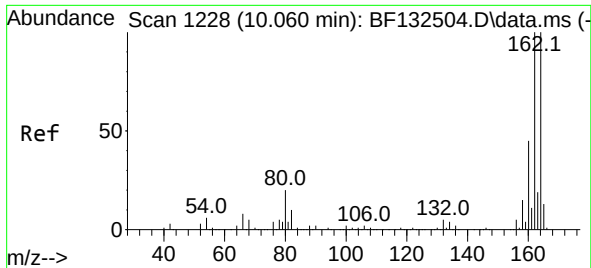
Tgt Ion: 82 Resp: 1281087
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.3 19.9#



#32
Benzoic acid
Concen: 3.854 ng
RT: 8.245 min Scan# 962
Delta R.T. 0.212 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

Tgt Ion: 122 Resp: 195
Ion Ratio Lower Upper
122 100
105 266.7 102.6 142.6#
77 965.2 70.2 110.2#

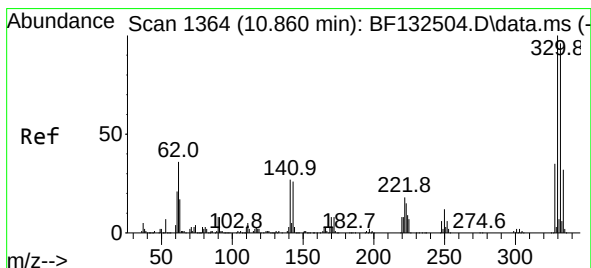
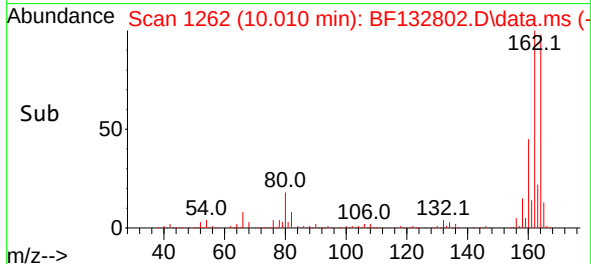
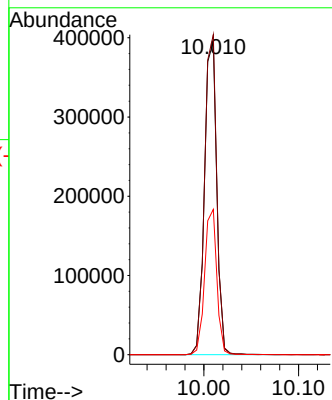
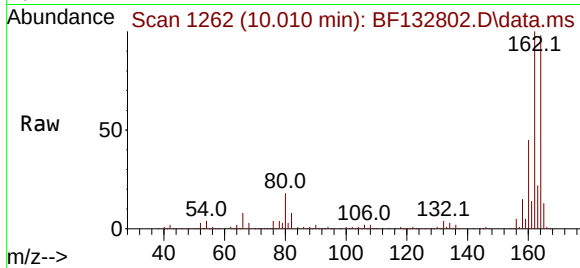




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

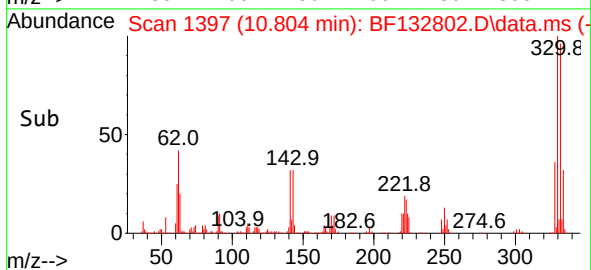
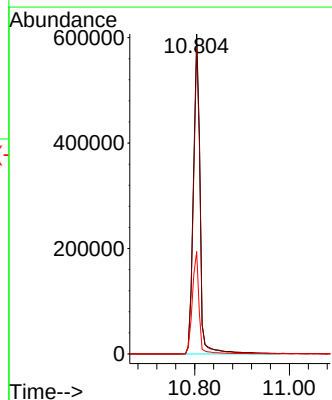
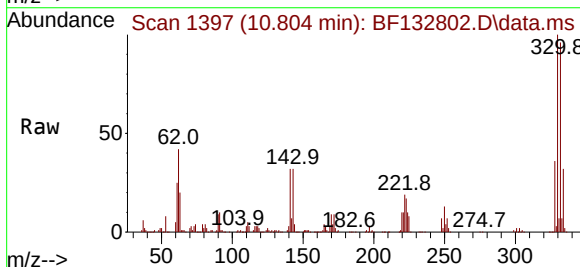
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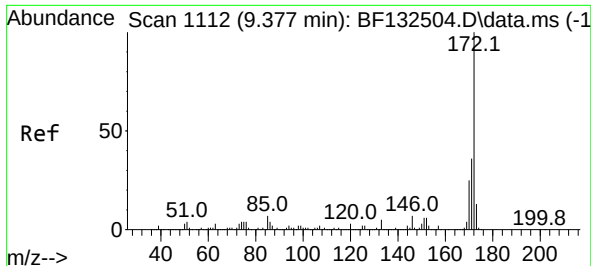
Tgt Ion:164 Resp: 357354
Ion Ratio Lower Upper
164 100
162 102.3 79.8 119.8
160 46.4 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 154.822 ng
RT: 10.804 min Scan# 1397
Delta R.T. -0.006 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

Tgt Ion:330 Resp: 597499
Ion Ratio Lower Upper
330 100
332 95.8 76.2 114.4
141 32.2 28.4 42.6

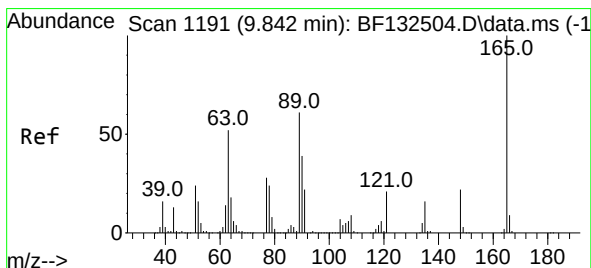
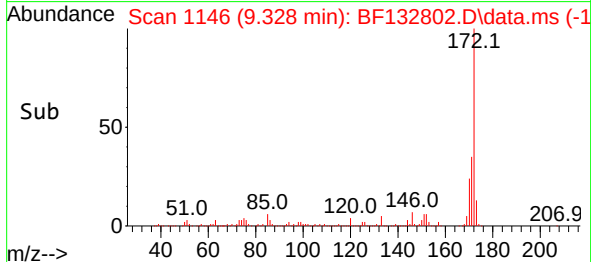
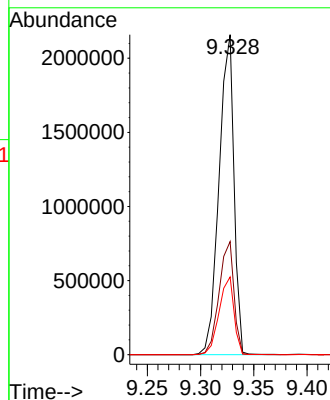
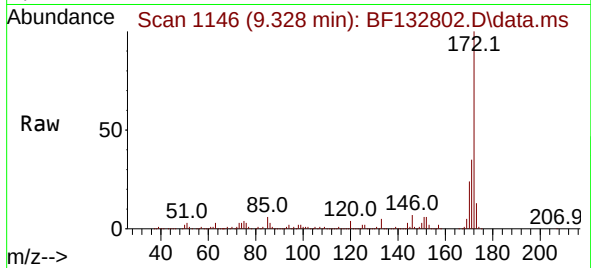




#45
2-Fluorobiphenyl
Concen: 89.202 ng
RT: 9.328 min Scan# 1112
Delta R.T. -0.000 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

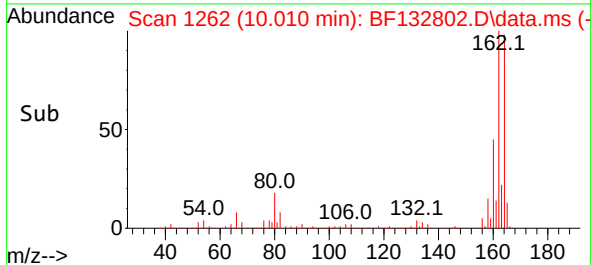
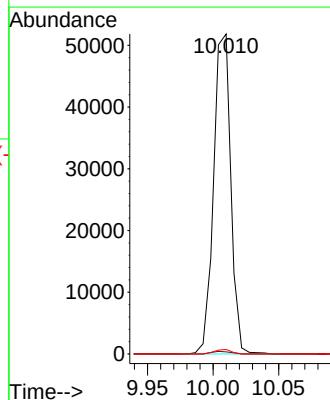
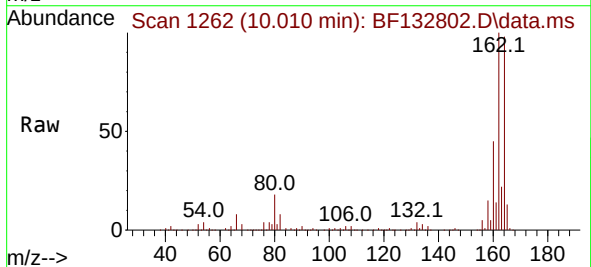
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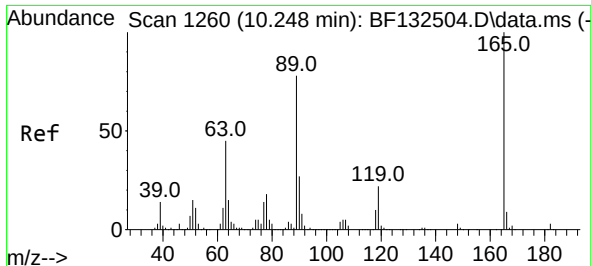
Tgt Ion:172 Resp: 2093476
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 24.3 19.7 29.5



#51
2,6-Dinitrotoluene
Concen: 7.979 ng
RT: 10.010 min Scan# 1262
Delta R.T. 0.212 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

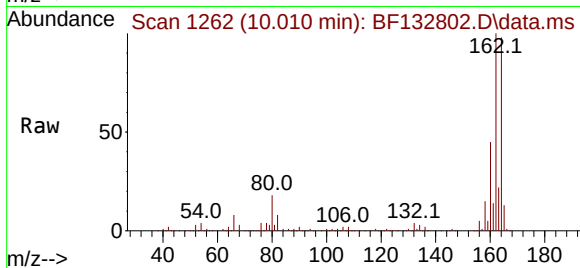
Tgt Ion:165 Resp: 47279
Ion Ratio Lower Upper
165 100
63 0.6 47.3 70.9#
89 1.4 48.9 73.3#



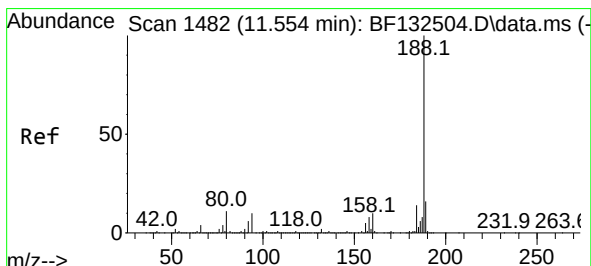
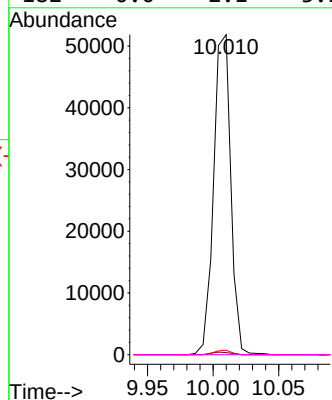
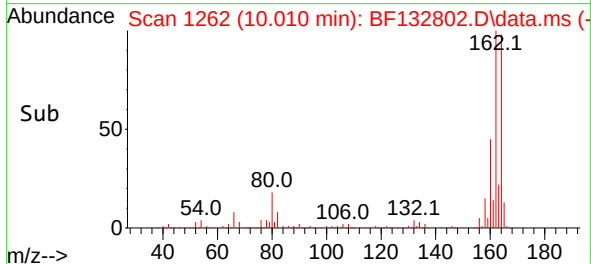


#57
2,4-Dinitrotoluene
Concen: 5.997 ng
RT: 10.010 min Scan# 1516
Delta R.T. -0.194 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

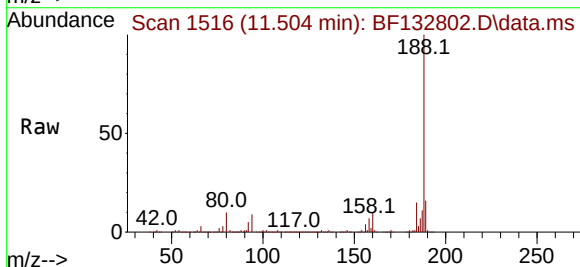
Instrument :
BNA_F
ClientSampleId :
PB151432BL



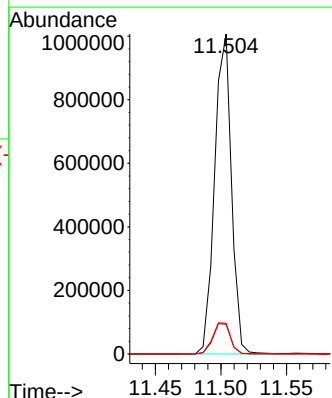
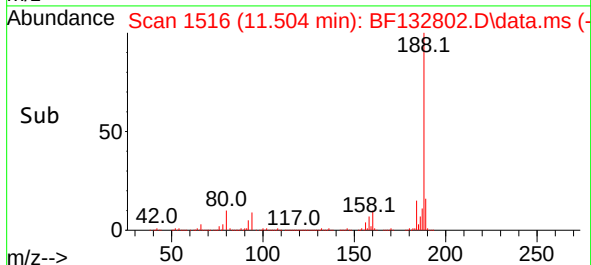
Tgt Ion:165 Resp: 47279
Ion Ratio Lower Upper
165 100
63 0.6 36.5 54.7#
89 1.4 62.4 93.6#
182 0.0 2.1 3.1#

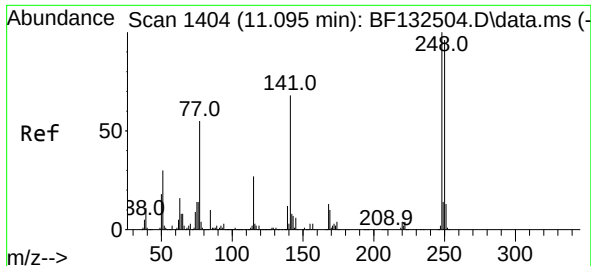


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.504 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32



Tgt Ion:188 Resp: 896106
Ion Ratio Lower Upper
188 100
94 9.3 8.3 12.5
80 9.6 8.7 13.1

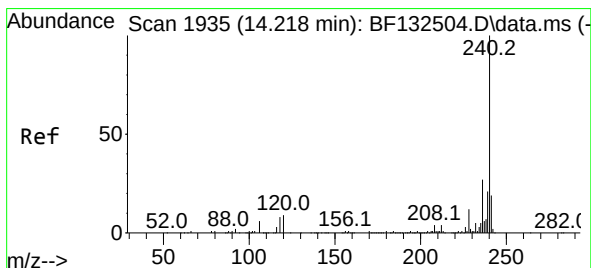
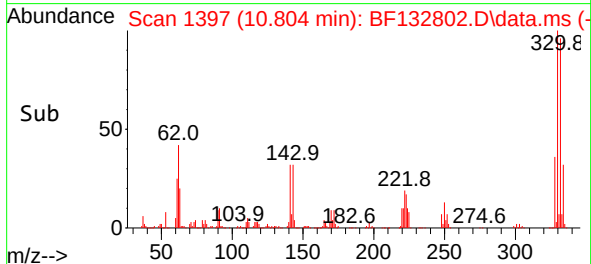
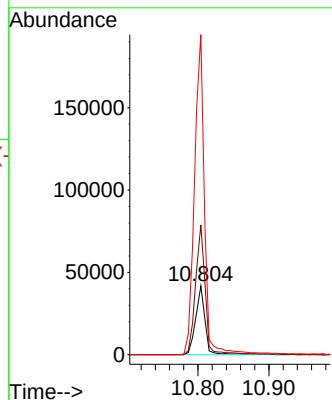
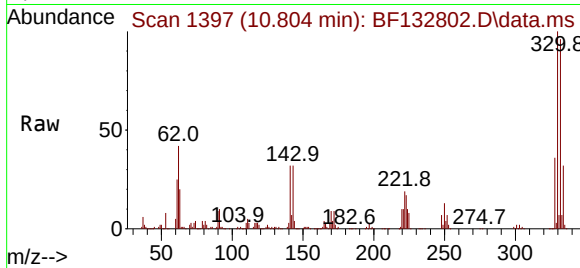




#67
4-Bromophenyl-phenylether
Concen: 3.806 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.241 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

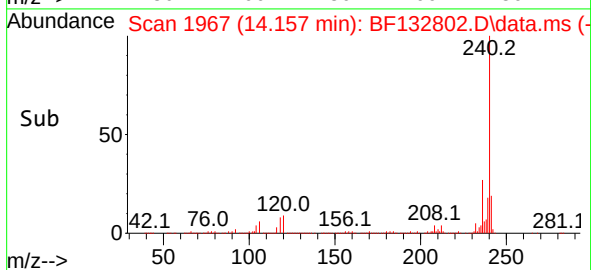
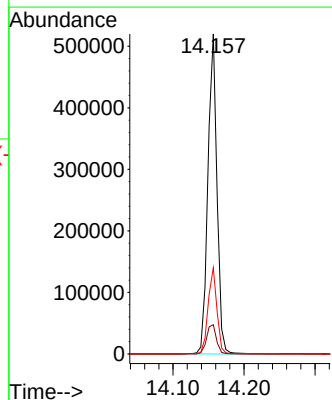
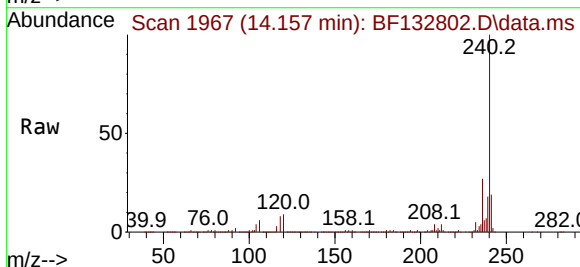
Instrument :
BNA_F
ClientSampleId :
PB151432BL

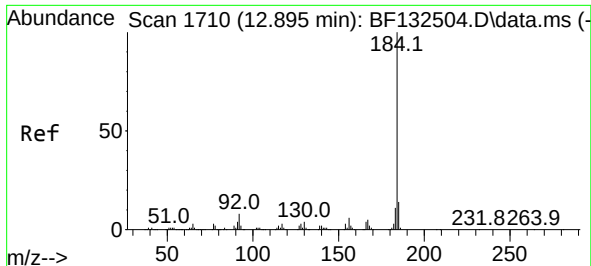
Tgt Ion:248 Resp: 38579
Ion Ratio Lower Upper
248 100
250 188.9 77.0 115.4#
141 465.5 54.2 81.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.157 min Scan# 1967
Delta R.T. -0.006 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

Tgt Ion:240 Resp: 463261
Ion Ratio Lower Upper
240 100
120 9.2 7.2 10.8
236 27.0 21.8 32.6

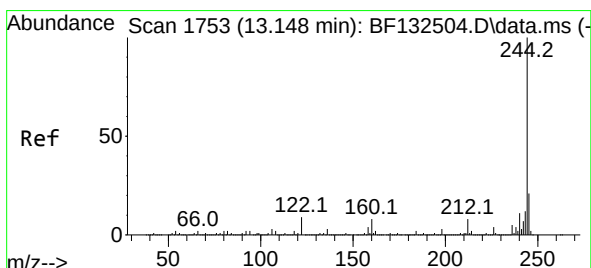
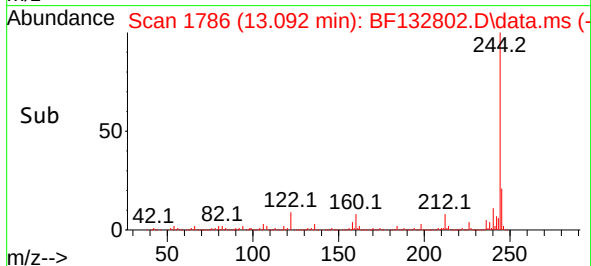
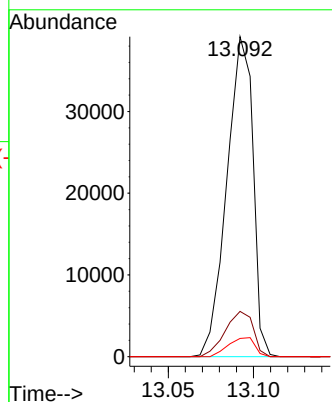
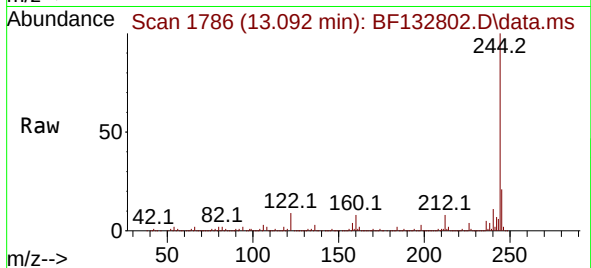




#77
Benzidine
Concen: 3.711 ng
RT: 13.092 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

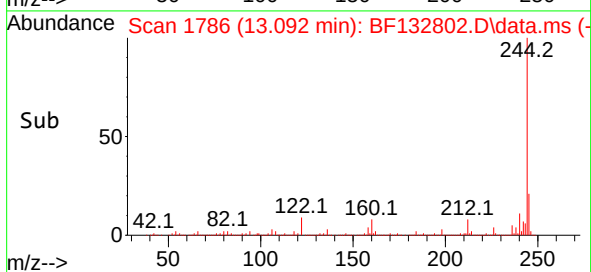
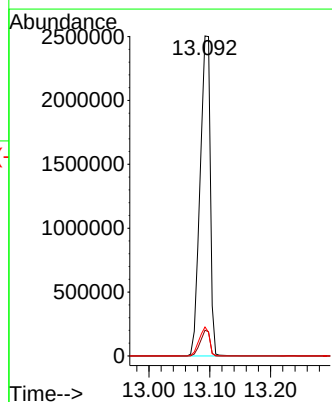
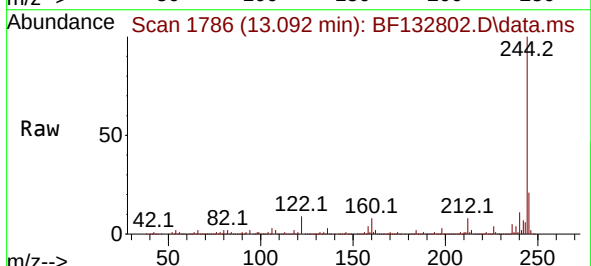
Instrument :
BNA_F
ClientSampleId :
PB151432BL

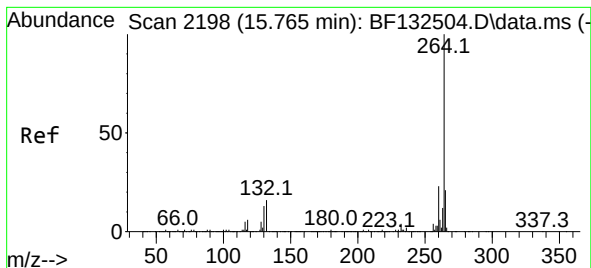
Tgt Ion:184 Resp: 41850
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 5.7 8.7 13.1#



#79
Terphenyl-d14
Concen: 105.979 ng
RT: 13.092 min Scan# 1786
Delta R.T. -0.000 min
Lab File: BF132802.D
Acq: 15 Mar 2023 14:32

Tgt Ion:244 Resp: 2903797
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.0 7.5 11.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.686 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF132802.D

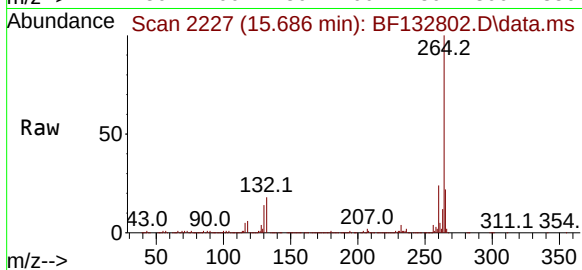
Acq: 15 Mar 2023 14:32

Instrument :

BNA_F

ClientSampleId :

PB151432BL



Tgt Ion:264 Resp: 433524

Ion Ratio Lower Upper

264 100

260 24.4 18.8 28.2

265 21.8 17.1 25.7

