

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061421\
 Data File : BF124310.D
 Acq On : 14 Jun 2021 17:13
 Operator : JU/CG
 Sample : M2687-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-02

Quant Time: Jun 14 18:19:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 14 12:10:02 2021
 Response via : Initial Calibration

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

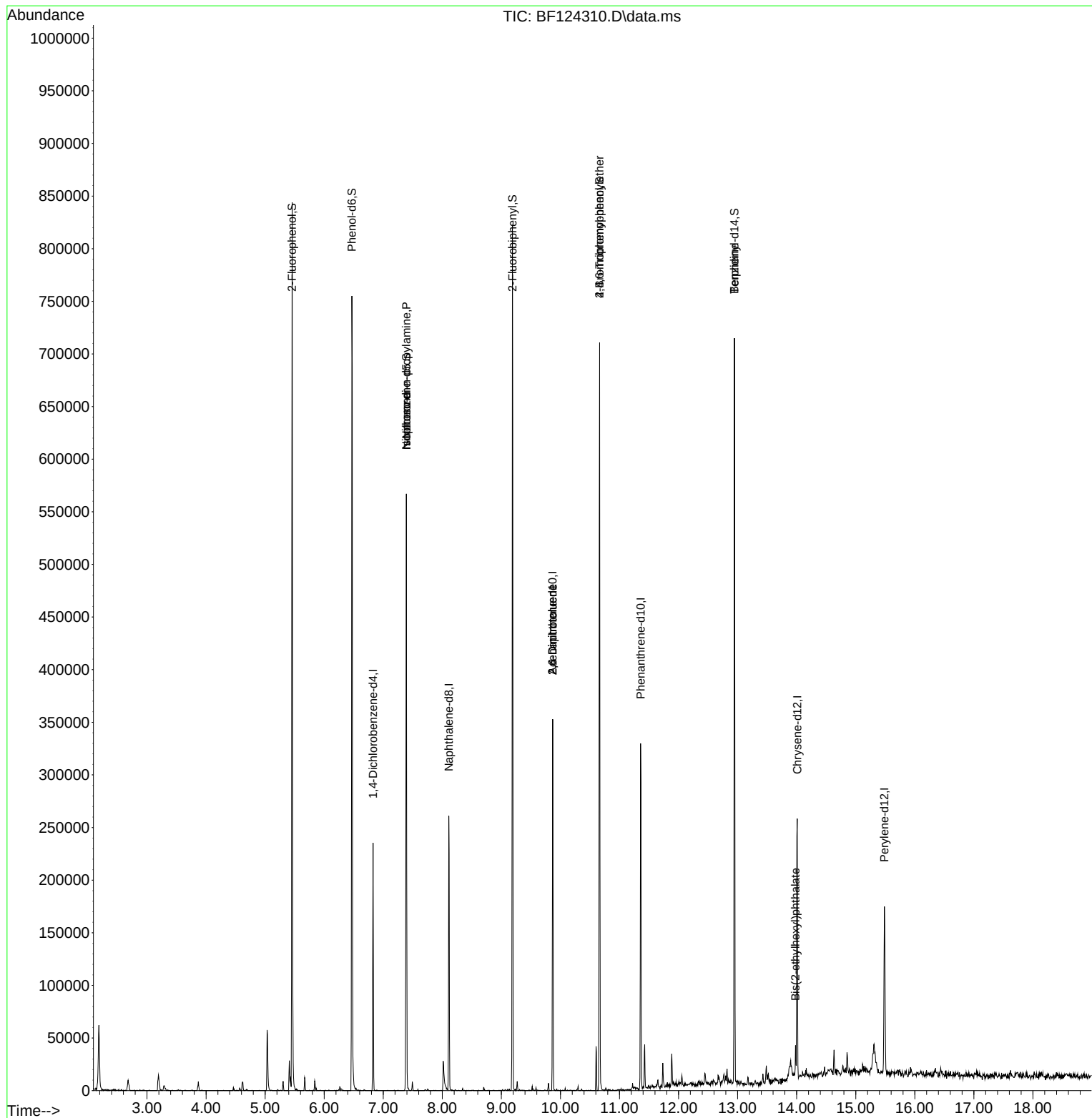
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	27477	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	104514	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	62073	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	112222	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	81931	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	67124	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	175907	96.372	ng	0.00
7) Phenol-d6	6.469	99	217797	88.770	ng	-0.01
23) Nitrobenzene-d5	7.392	82	150023	56.931	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	69303	78.805	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	211988	42.975	ng	-0.01
79) Terphenyl-d14	12.945	244	191465	32.085	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	21731	12.547	ng	# 66
25) Isophorone	7.392	82	150021	31.593	ng	# 69
51) 2,6-Dinitrotoluene	9.869	165	7833	6.652	ng	# 10
57) 2,4-Dinitrotoluene	9.869	165	7833	5.044	ng	# 15
67) 4-Bromophenyl-phenylether	10.663	248	4763	3.092	ng	# 1
77) Benzidine	12.945	184	3244	5.616	ng	# 75
84) Bis(2-ethylhexyl)phtha...	13.980	149	7811	2.057	ng	# 97

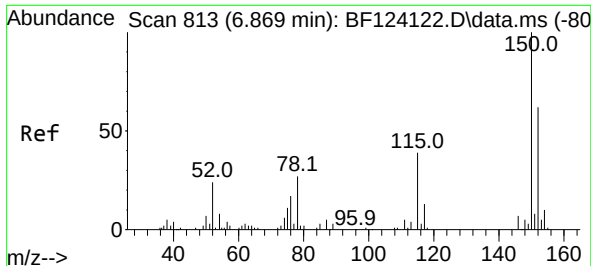
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 14 12:10:02 2021
Response via : Initial Calibration

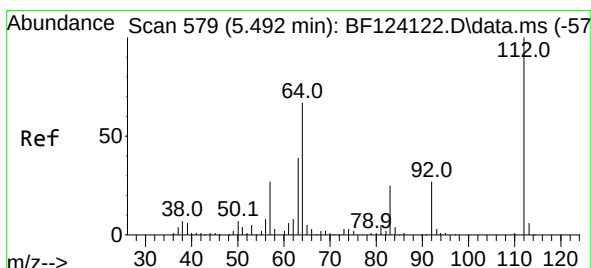
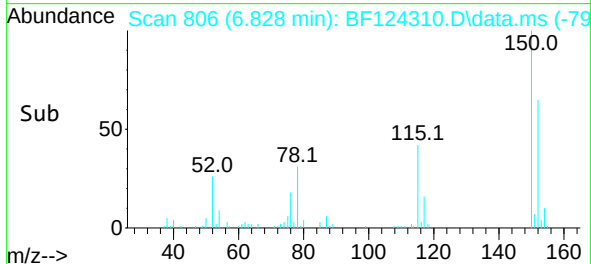
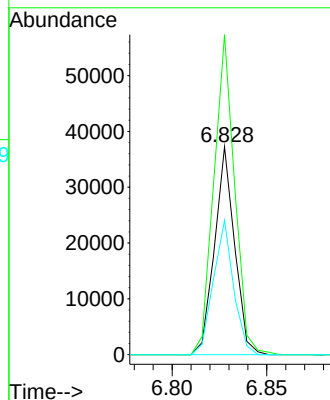
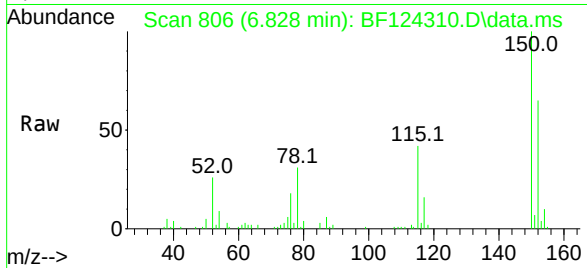




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

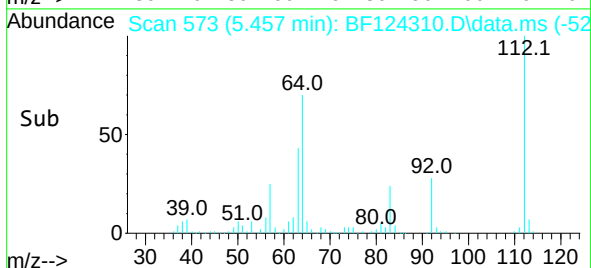
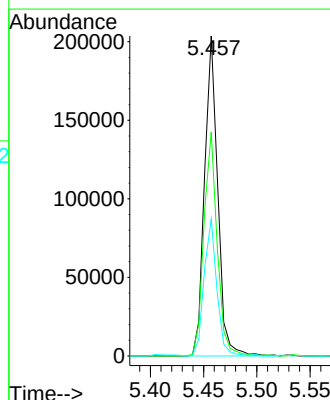
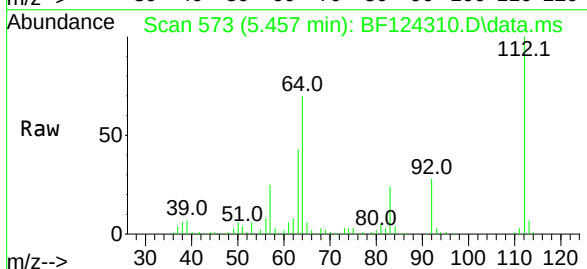
Instrument :
BNA_F
ClientSampleId :
DUP-02

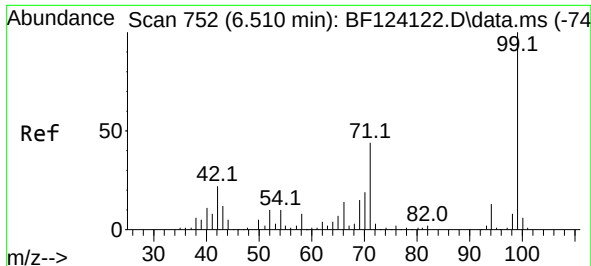
Tgt Ion:152 Resp: 27477
Ion Ratio Lower Upper
152 100
150 153.9 127.0 190.6
115 64.6 54.3 81.5



#5
2-Fluorophenol
Concen: 96.372 ng
RT: 5.457 min Scan# 573
Delta R.T. -0.000 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

Tgt Ion:112 Resp: 175907
Ion Ratio Lower Upper
112 100
64 70.0 61.4 92.0
63 42.8 33.0 49.4

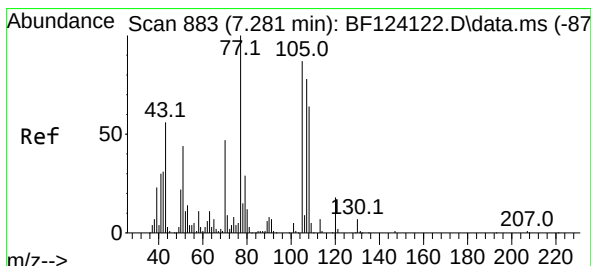
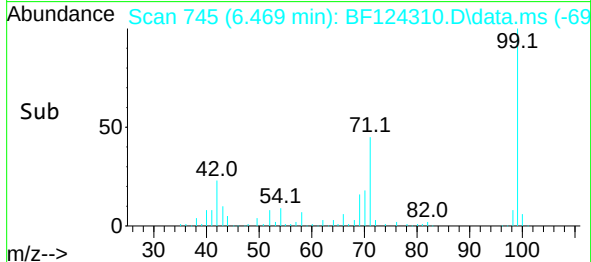
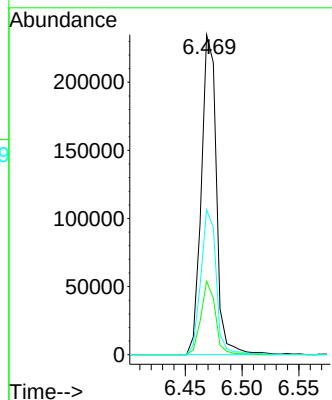
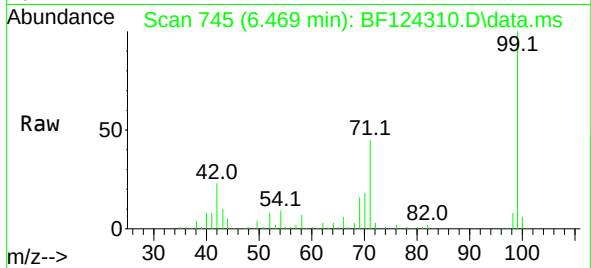




#7
Phenol-d6
Concen: 88.770 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

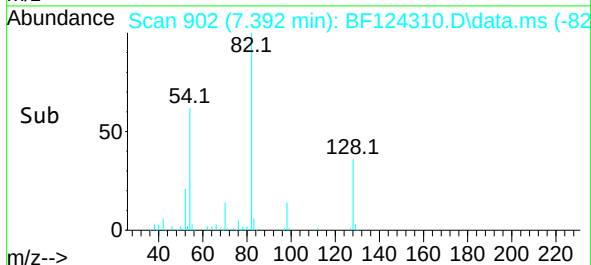
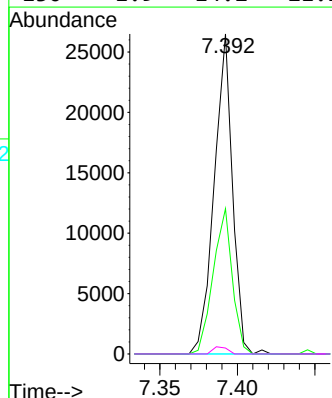
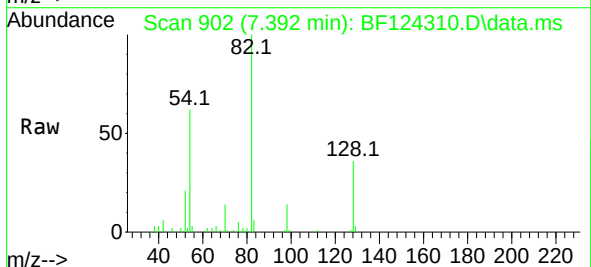
Instrument :
BNA_F
ClientSampleId :
DUP-02

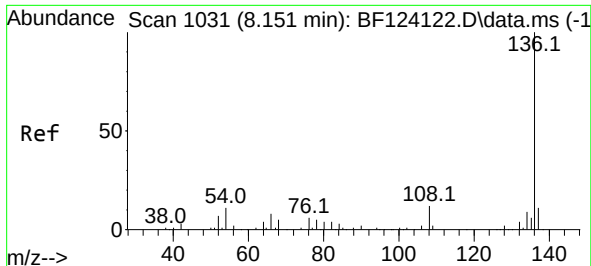
Tgt Ion: 99 Resp: 217797
Ion Ratio Lower Upper
99 100
42 23.0 19.8 29.8
71 45.3 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.547 ng
RT: 7.392 min Scan# 902
Delta R.T. 0.141 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

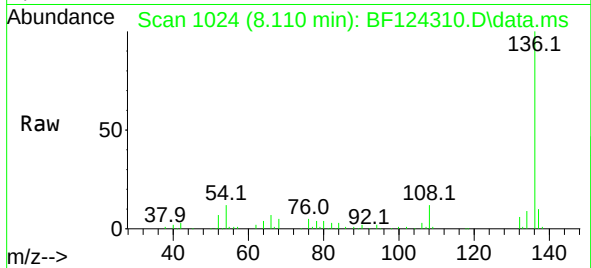
Tgt Ion: 70 Resp: 21731
Ion Ratio Lower Upper
70 100
42 45.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#



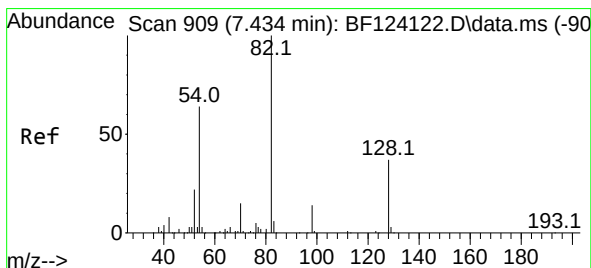
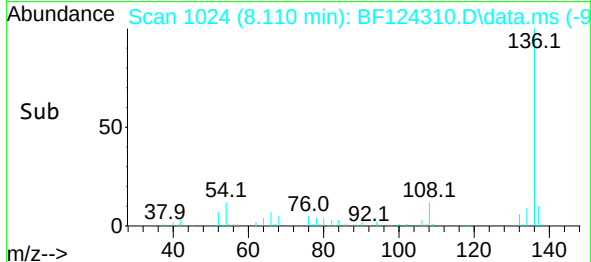
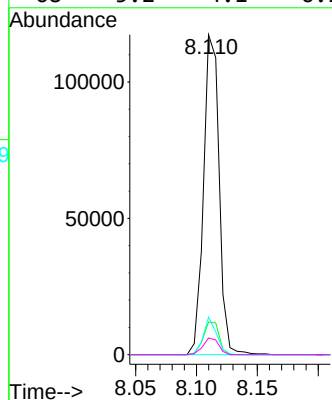


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

Instrument :
BNA_F
ClientSampled :
DUP-02

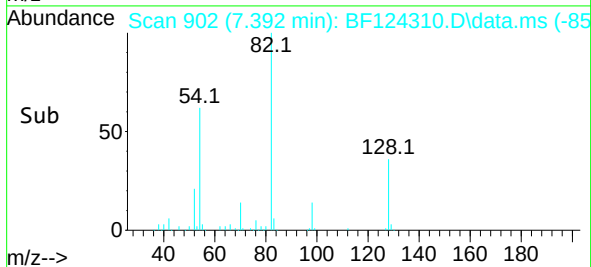
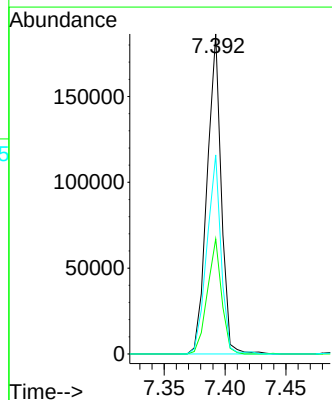
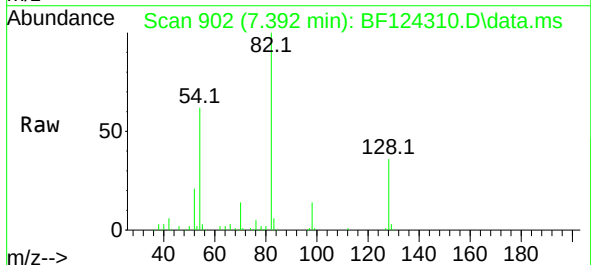


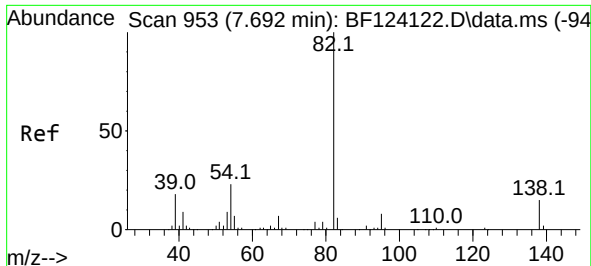
Tgt Ion:136 Resp: 104514
Ion Ratio Lower Upper
136 100
137 10.2 8.7 13.1
54 11.7 9.8 14.6
68 5.2 4.1 6.1



#23
Nitrobenzene-d5
Concen: 56.931 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

Tgt Ion: 82 Resp: 150023
Ion Ratio Lower Upper
82 100
128 35.9 29.4 44.2
54 62.2 54.1 81.1

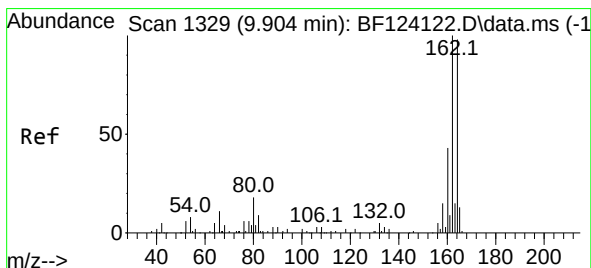
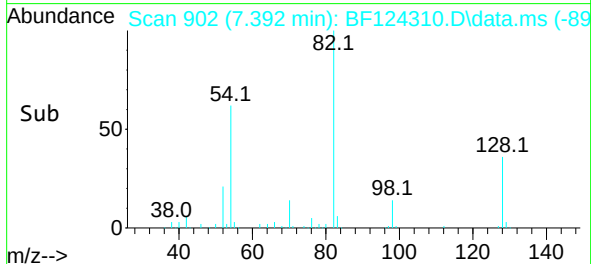
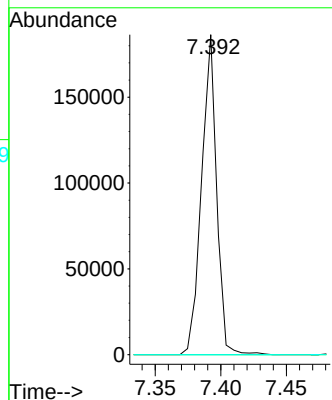
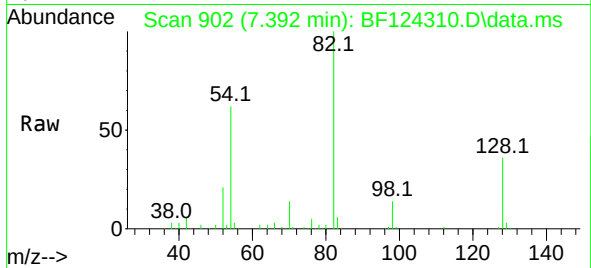




#25
Isophorone
Concen: 31.593 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.271 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

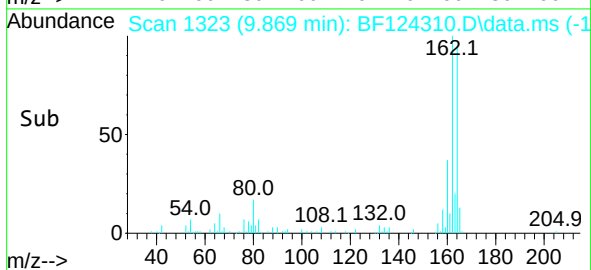
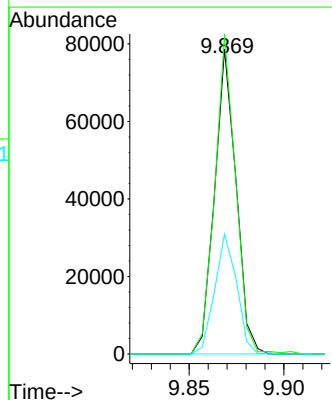
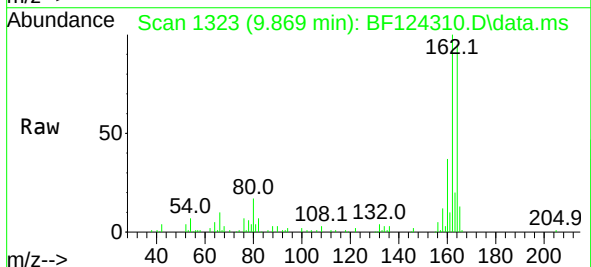
Instrument :
BNA_F
ClientSampleId :
DUP-02

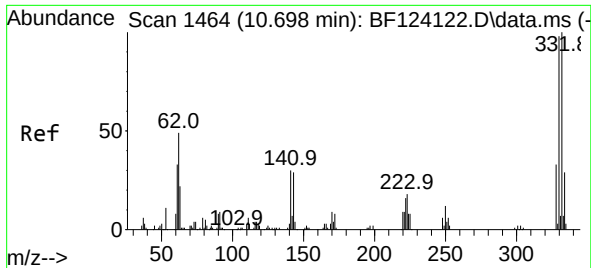
Tgt Ion: 82 Resp: 150021
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

Tgt Ion:164 Resp: 62073
Ion Ratio Lower Upper
164 100
162 105.0 80.7 121.1
160 39.4 37.3 55.9

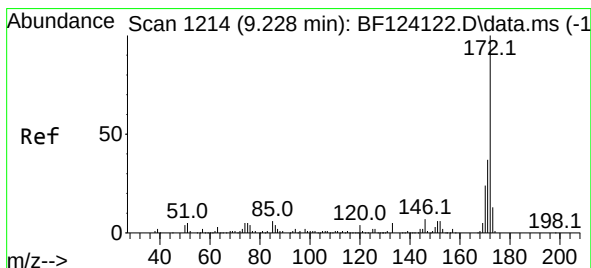
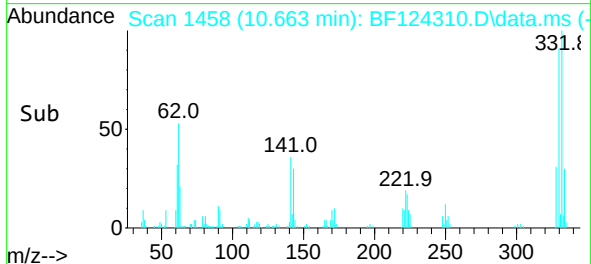
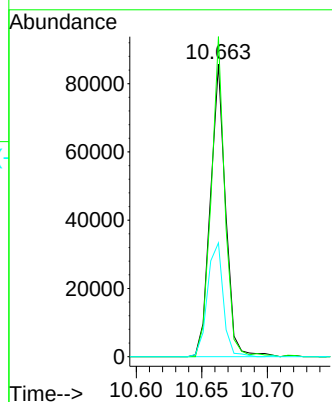
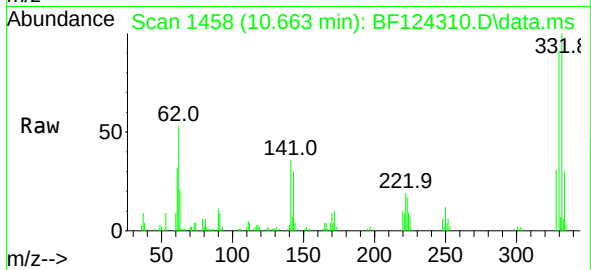




#42
2,4,6-Tribromophenol
Concen: 78.805 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

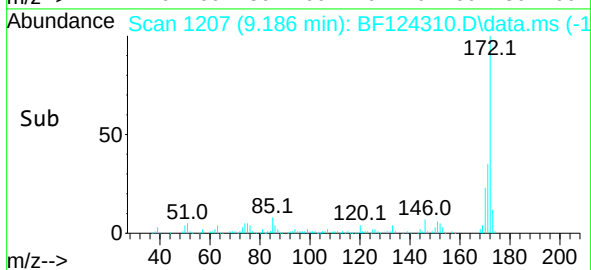
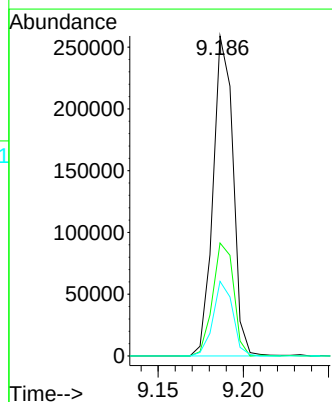
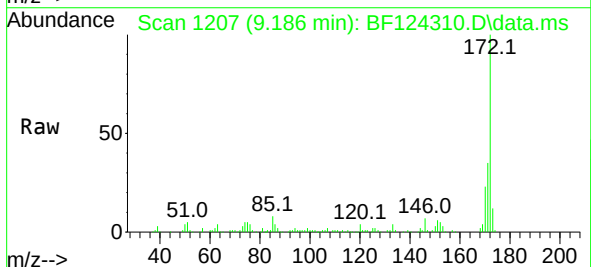
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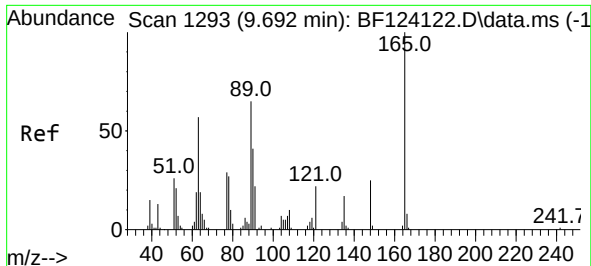
Tgt Ion: 330 Resp: 69303
Ion Ratio Lower Upper
330 100
332 99.0 77.1 115.7
141 40.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 42.975 ng
RT: 9.186 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

Tgt Ion: 172 Resp: 211988
Ion Ratio Lower Upper
172 100
171 35.3 28.1 42.1
170 23.3 19.2 28.8

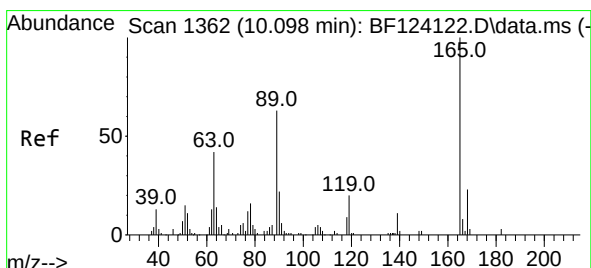
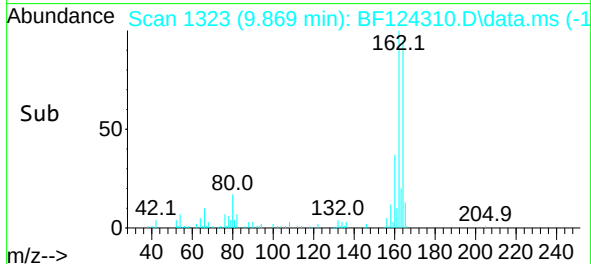
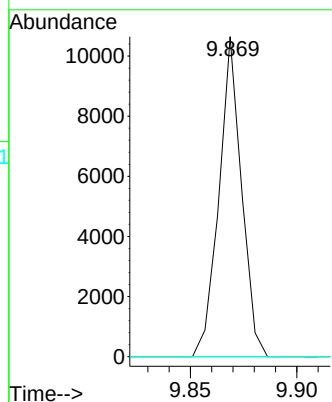
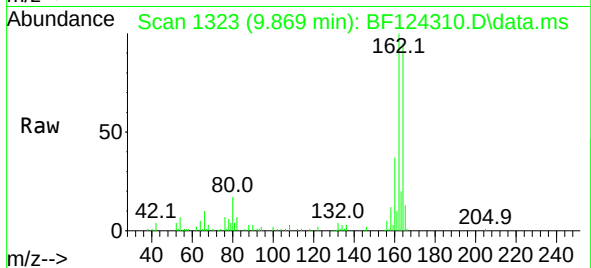




#51
2,6-Dinitrotoluene
Concen: 6.652 ng
RT: 9.869 min Scan# 1323
Delta R.T. 0.200 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

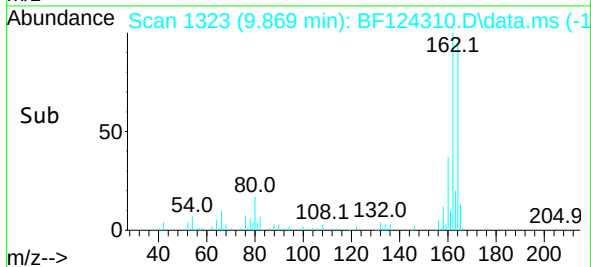
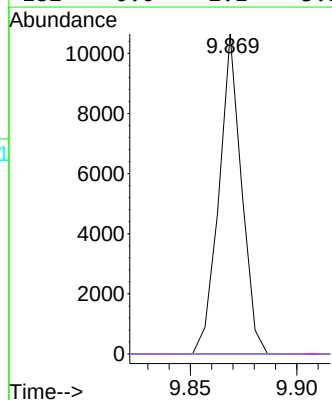
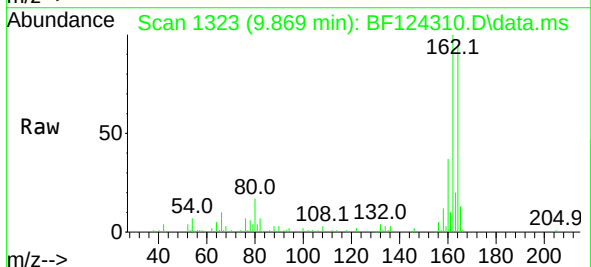
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ClientSampleID :
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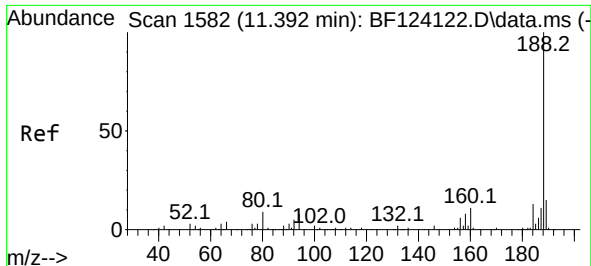
Tgt Ion:165 Resp: 7833
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.044 ng
RT: 9.869 min Scan# 1323
Delta R.T. -0.206 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

Tgt Ion:165 Resp: 7833
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

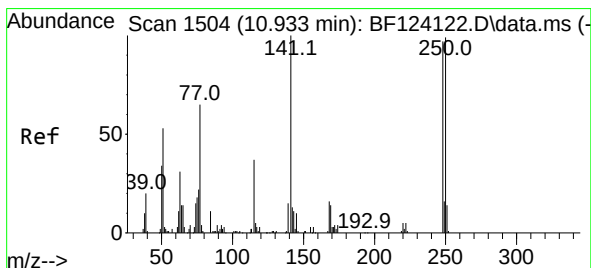
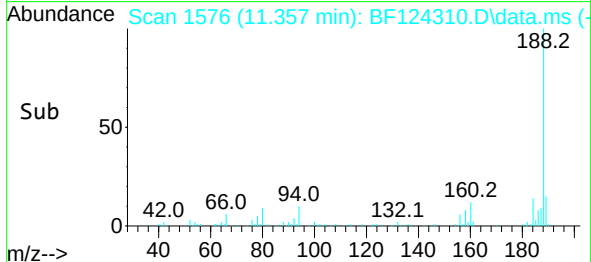
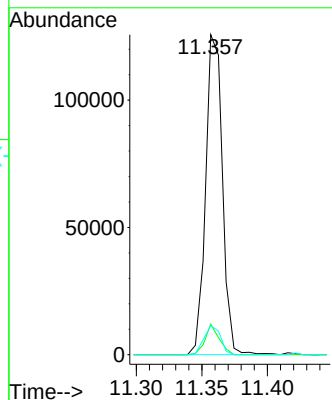
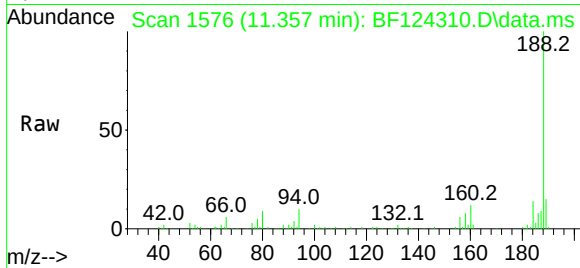




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.012 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

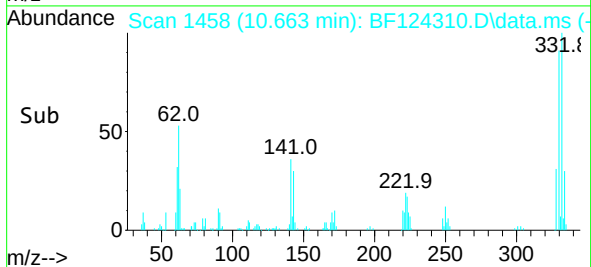
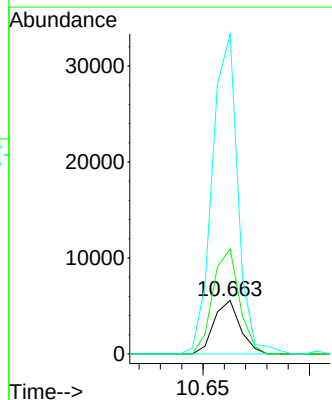
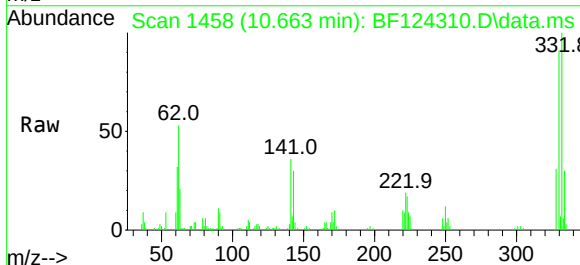
Instrument :
BNA_F
ClientSampleId :
DUP-02

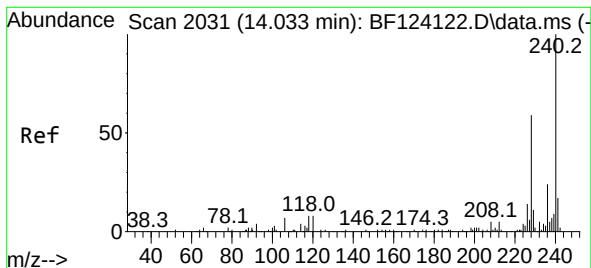
Tgt Ion:188 Resp: 112222
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 9.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.092 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.241 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

Tgt Ion:248 Resp: 4763
Ion Ratio Lower Upper
248 100
250 196.4 77.4 116.2#
141 598.5 63.7 95.5#

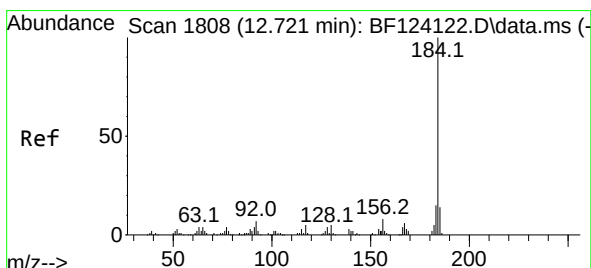
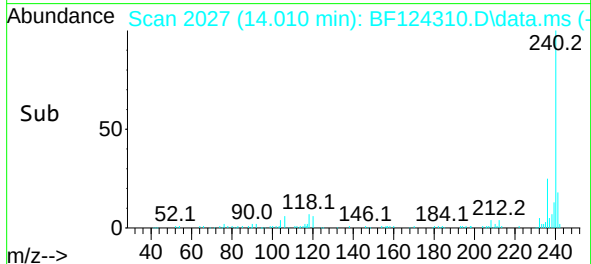
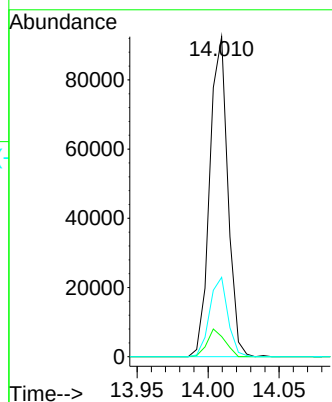
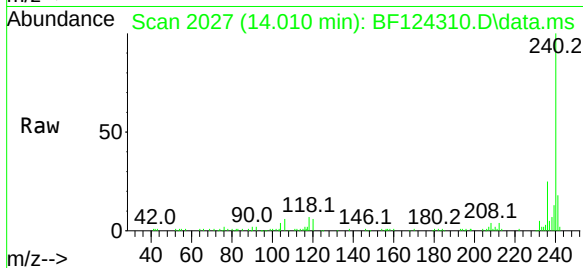




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

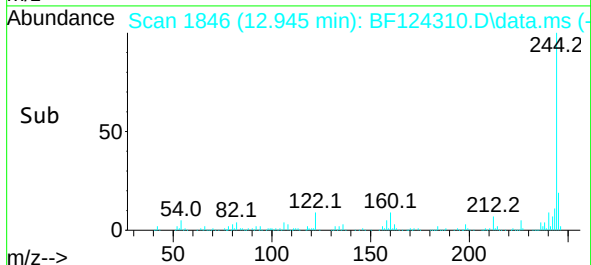
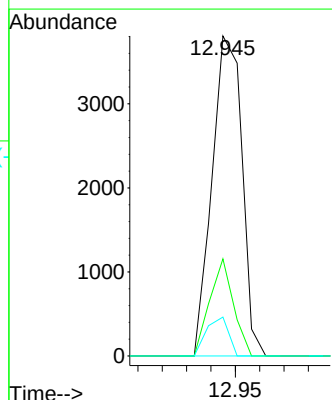
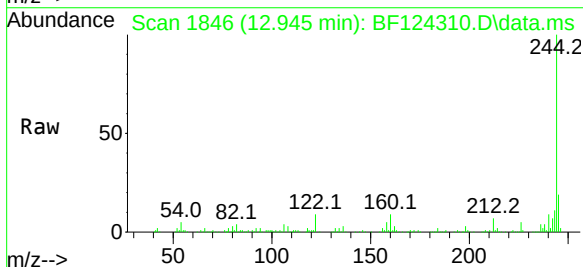
Instrument :
BNA_F
ClientSampleId :
DUP-02

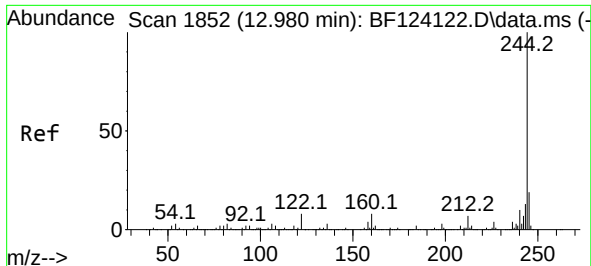
Tgt Ion:240 Resp: 81931
Ion Ratio Lower Upper
240 100
120 6.3 7.2 10.8#
236 24.8 19.0 28.4



#77
Benzidine
Concen: 5.616 ng
RT: 12.945 min Scan# 1846
Delta R.T. 0.241 min
Lab File: BF124310.D
Acq: 14 Jun 2021 17:13

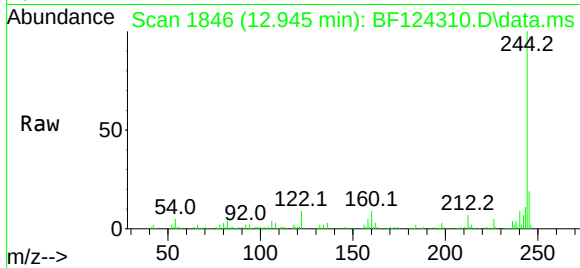
Tgt Ion:184 Resp: 3244
Ion Ratio Lower Upper
184 100
185 30.4 12.1 18.1#
183 12.2 7.8 11.8#



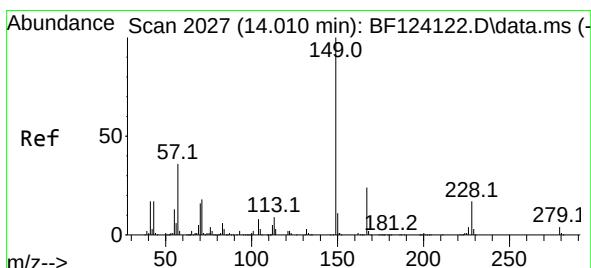
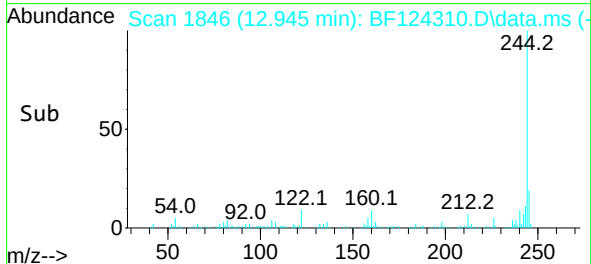
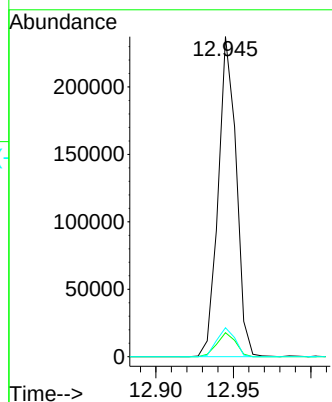


#79
 Terphenyl-d14
 Concen: 32.085 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.012 min
 Lab File: BF124310.D
 Acq: 14 Jun 2021 17:13

Instrument :
 BNA_F
 ClientSampleId :
 DUP-02

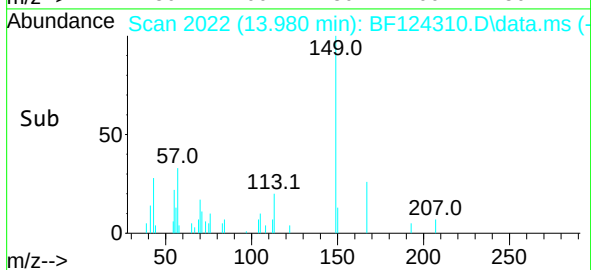
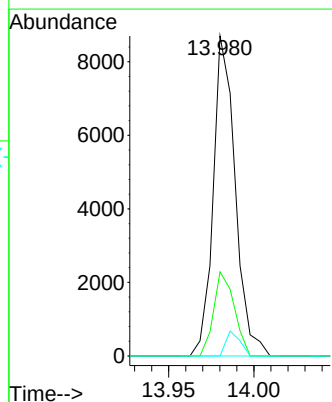
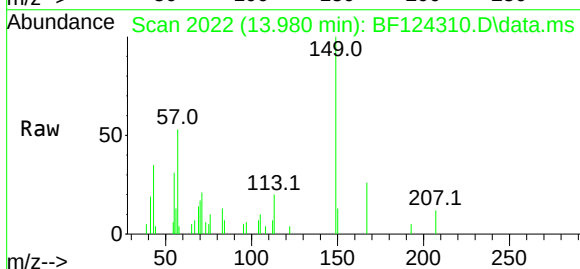


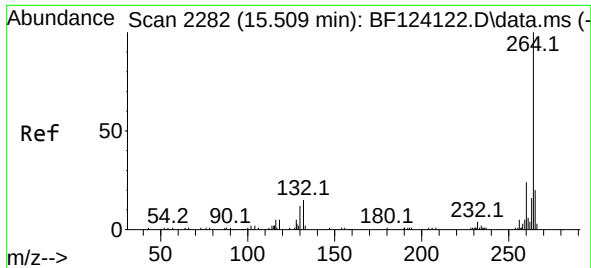
Tgt Ion:244 Resp: 191465
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 9.1 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.057 ng
 RT: 13.980 min Scan# 2022
 Delta R.T. -0.006 min
 Lab File: BF124310.D
 Acq: 14 Jun 2021 17:13

Tgt Ion:149 Resp: 7811
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.8 32.6
 279 0.0 3.3 4.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF124310.D
 Acq: 14 Jun 2021 17:13

Instrument :
 BNA_F
 ClientSampleId :
 DUP-02

Tgt Ion:264 Resp: 67124
 Ion Ratio Lower Upper
 264 100
 260 20.8 18.7 28.1
 265 16.2 17.8 26.8#

