

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124850.D
 Acq On : 29 Jul 2021 14:30
 Operator : JU/CG
 Sample : M3206-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20210581-COM-4

Quant Time: Jul 29 16:16:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

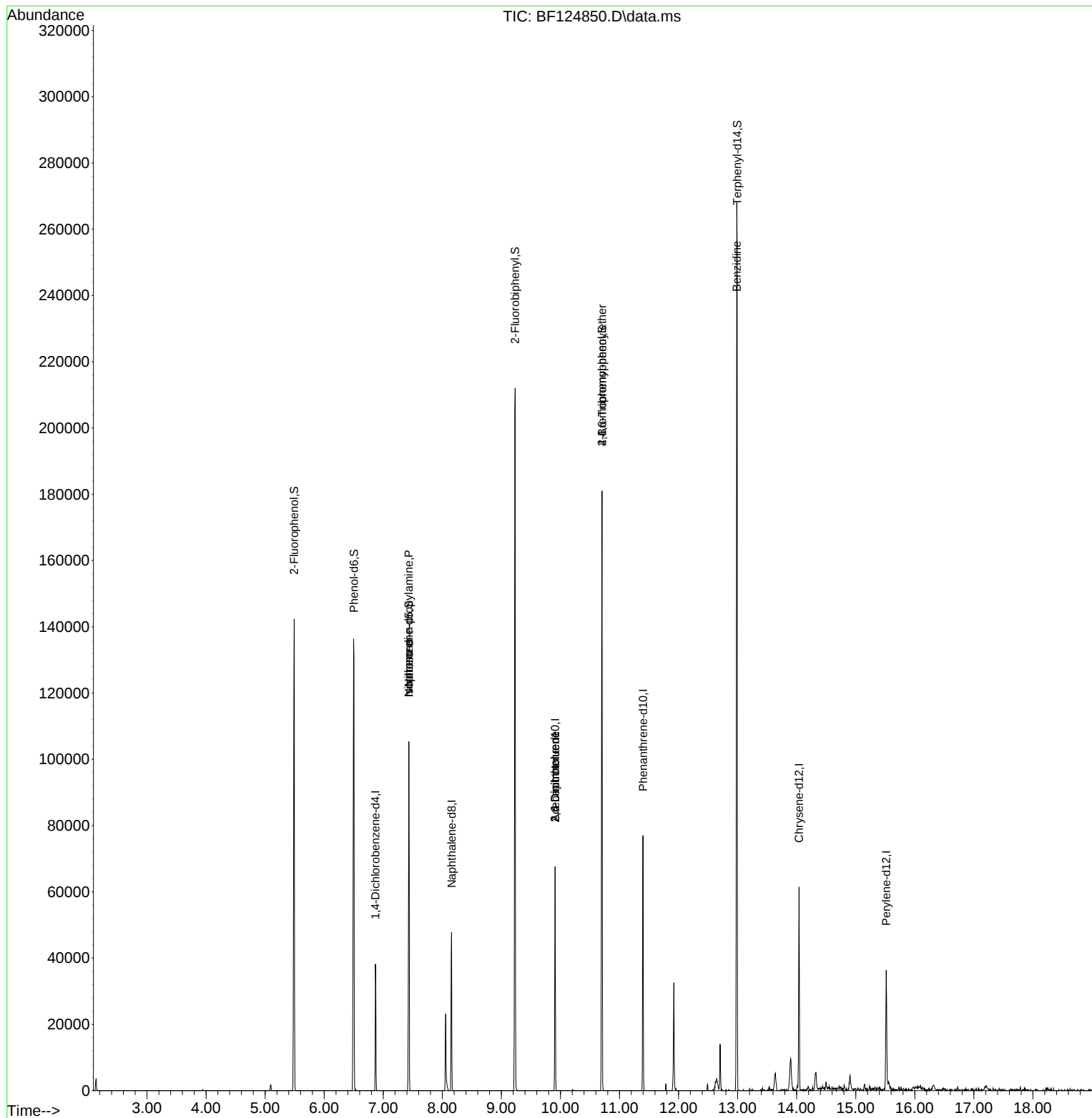
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	5501	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	21469	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	12744	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	25261	20.000	ng	0.00
76) Chrysene-d12	14.039	240	21875	20.000	ng	# 0.00
86) Perylene-d12	15.515	264	17467	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	37593	115.708	ng	0.01
7) Phenol-d6	6.504	99	48776	119.753	ng	0.00
23) Nitrobenzene-d5	7.434	82	31764	88.058	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	17145	156.690	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	69943	80.609	ng	0.00
79) Terphenyl-d14	12.992	244	99680	78.110	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	4308	19.807	ng	# 62
25) Isophorone	7.434	82	31762	49.797	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1546	7.975	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1546	5.877	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1452	5.420	ng	# 1
77) Benzidine	12.986	184	1337	2.167	ng	# 69

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

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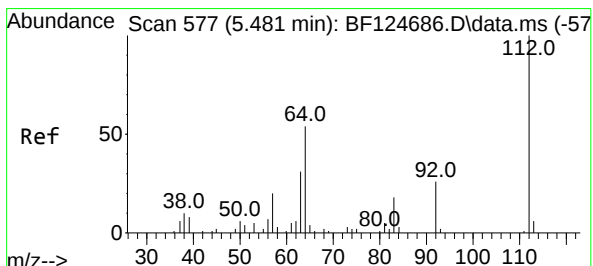
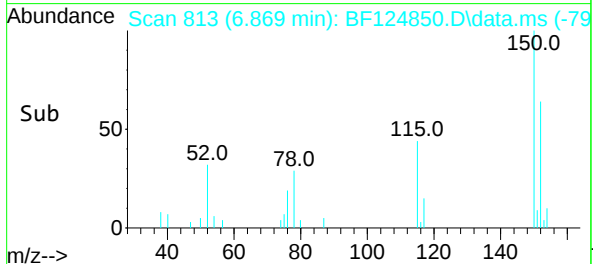
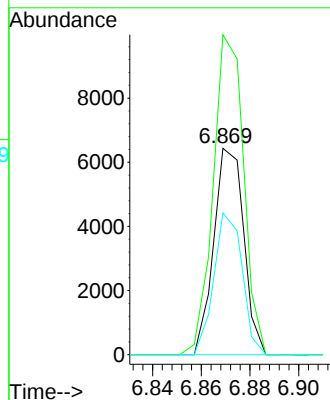
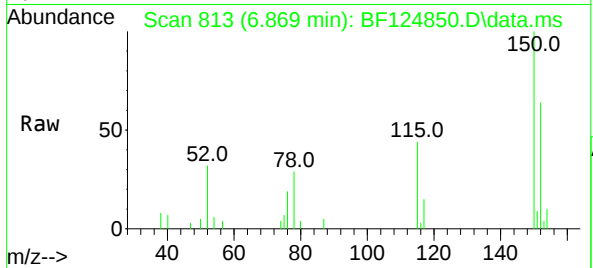




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

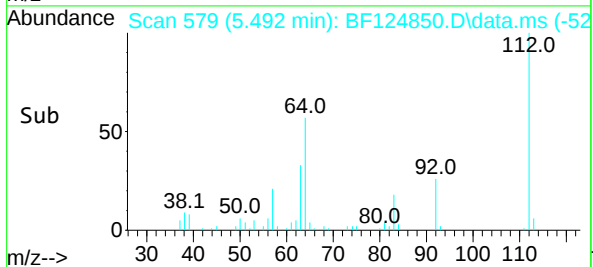
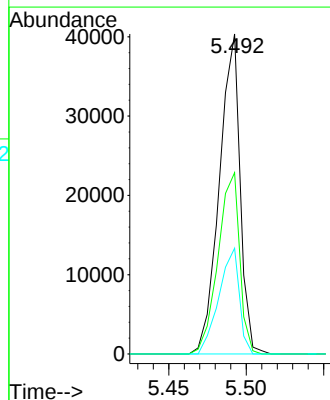
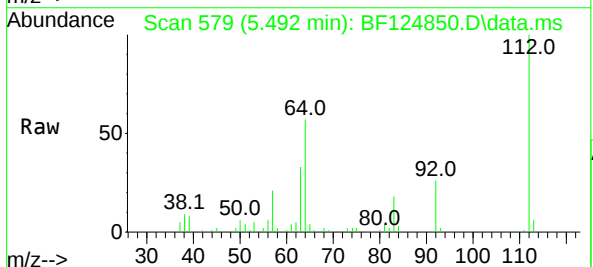
Instrument :
BNA_F
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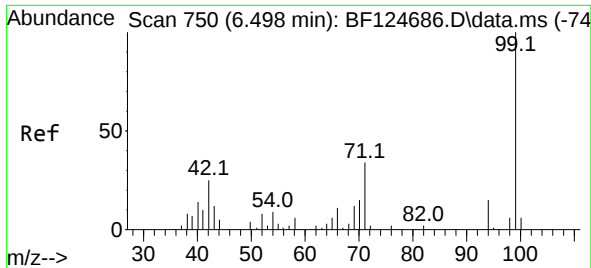
Tgt Ion:152 Resp: 5501
Ion Ratio Lower Upper
152 100
150 155.1 117.6 176.4
115 68.7 47.1 70.7



#5
2-Fluorophenol
Concen: 115.708 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

Tgt Ion:112 Resp: 37593
Ion Ratio Lower Upper
112 100
64 56.7 44.2 66.2
63 33.1 26.2 39.2

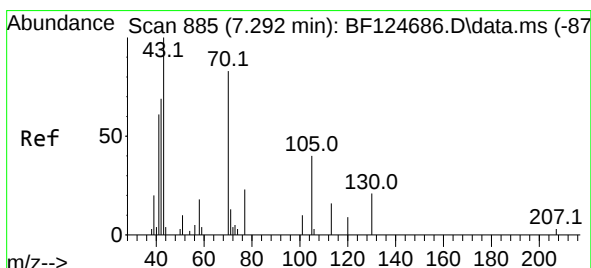
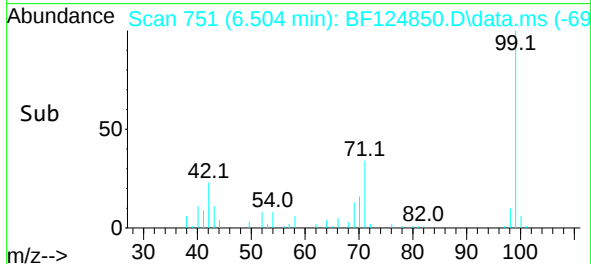
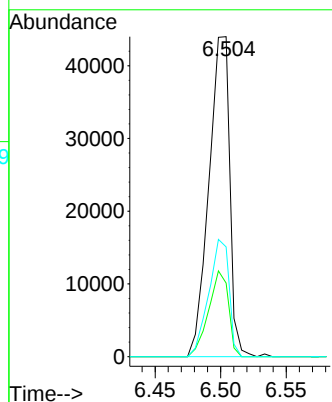
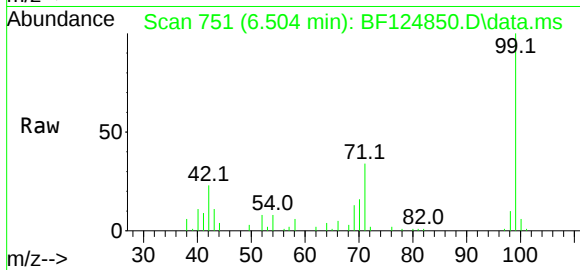




#7
Phenol-d6
Concen: 119.753 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

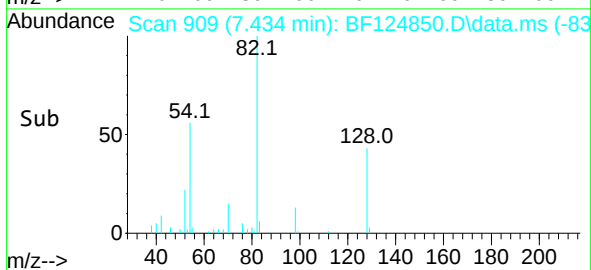
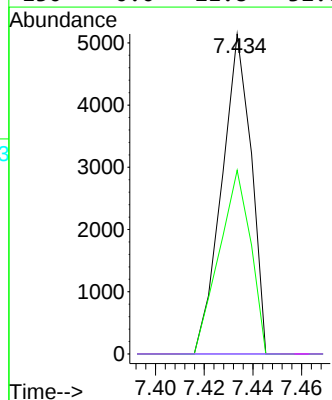
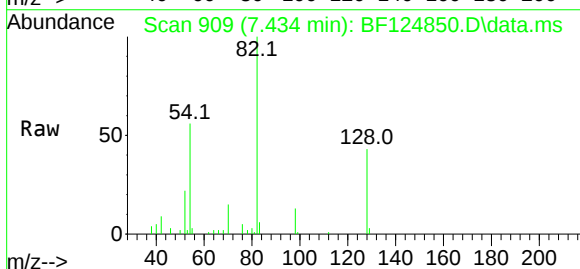
Instrument :
BNA_F
ClientSampleId :
20210581-COM-4

Tgt Ion: 99 Resp: 48776
Ion Ratio Lower Upper
99 100
42 23.0 23.5 35.3#
71 34.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 19.807 ng
RT: 7.434 min Scan# 909
Delta R.T. 0.141 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

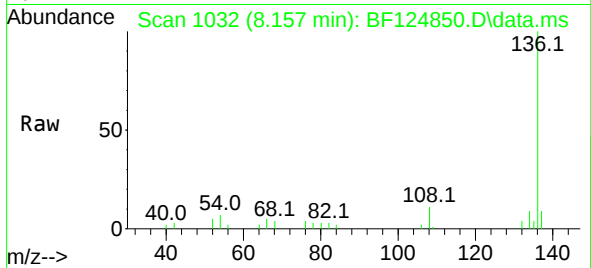
Tgt Ion: 70 Resp: 4308
Ion Ratio Lower Upper
70 100
42 57.4 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



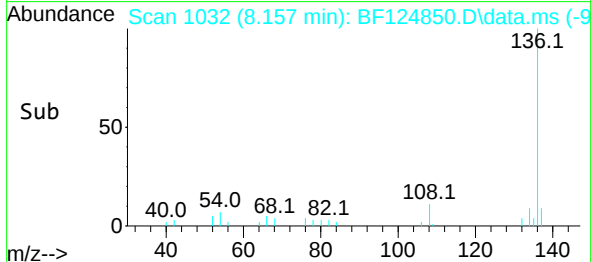
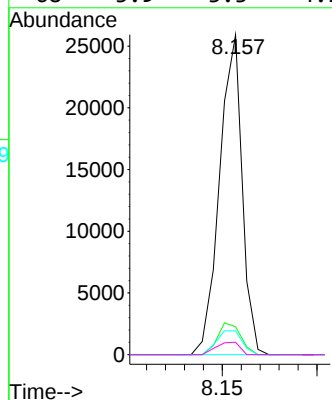


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

Instrument :
BNA_F
ClientSampleId :
20210581-COM-4

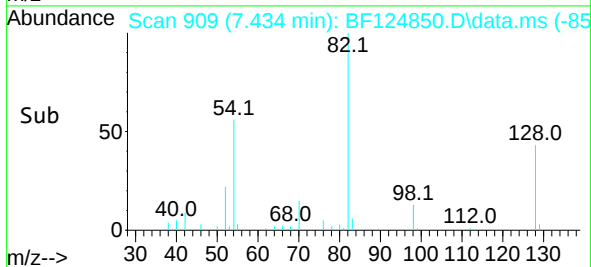
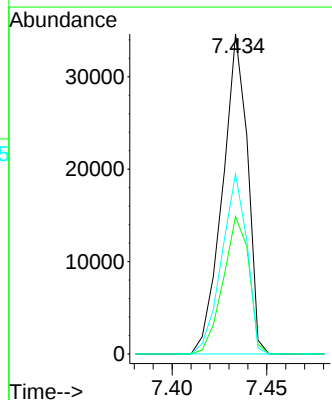
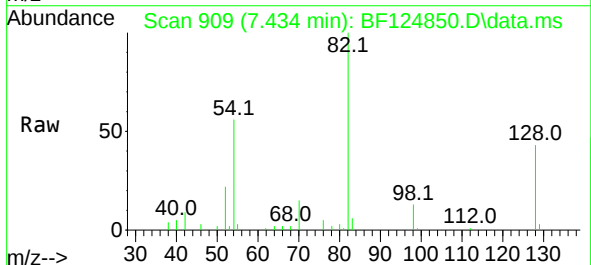


Tgt Ion:136 Resp: 21469
Ion Ratio Lower Upper
136 100
137 8.8 9.8 14.6#
54 7.4 6.4 9.6
68 3.9 3.3 4.9



#23
Nitrobenzene-d5
Concen: 88.058 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

Tgt Ion: 82 Resp: 31764
Ion Ratio Lower Upper
82 100
128 43.0 40.6 60.8
54 56.3 49.6 74.4

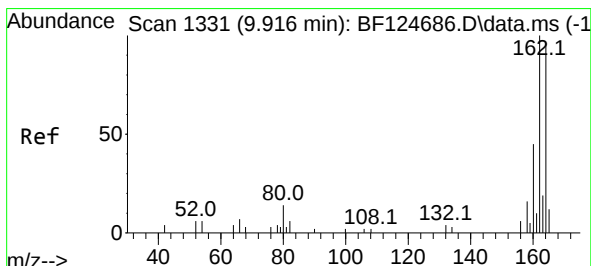
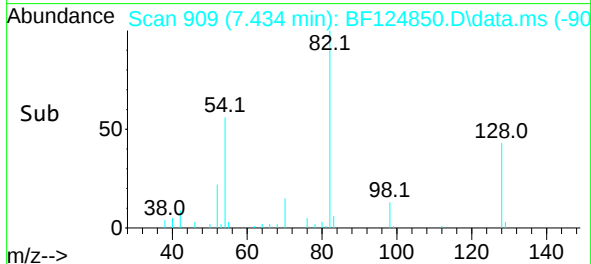
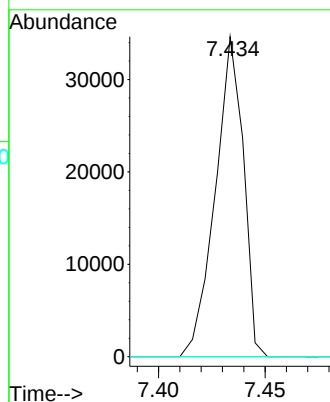
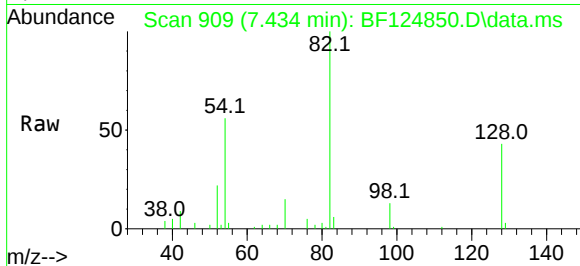




#25
Isophorone
Concen: 49.797 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.265 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

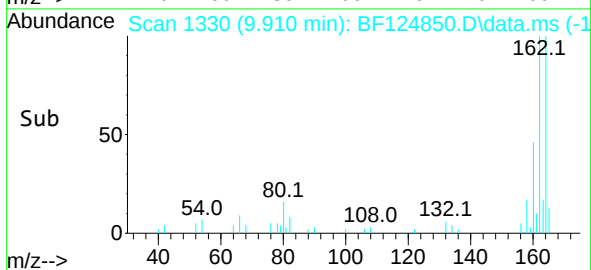
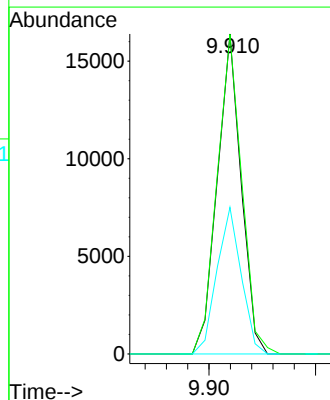
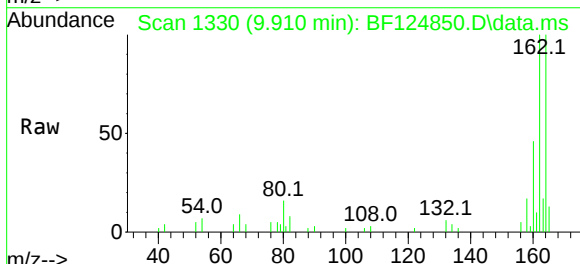
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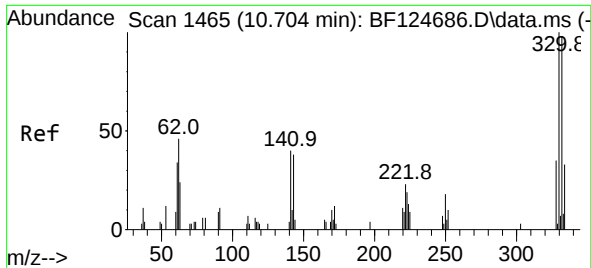
Tgt Ion: 82 Resp: 31762
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

Tgt Ion: 164 Resp: 12744
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 45.8 38.0 57.0

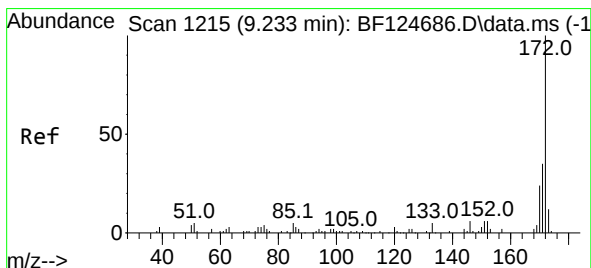
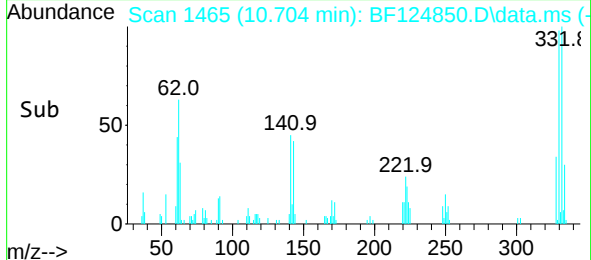
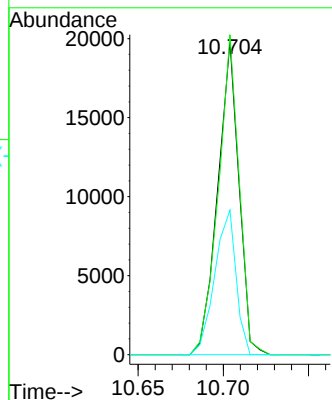
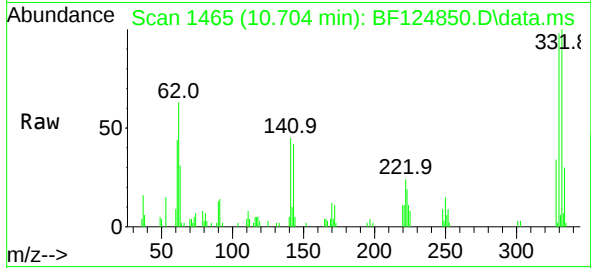




#42
2,4,6-Tribromophenol
Concen: 156.690 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

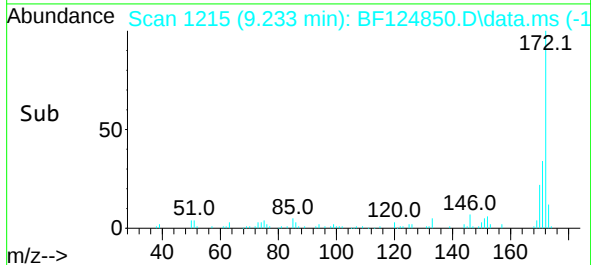
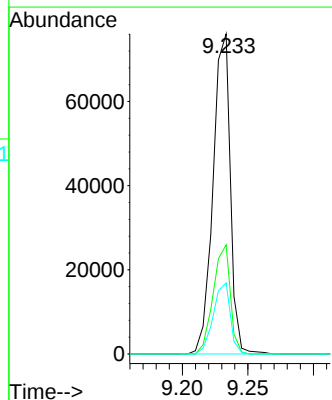
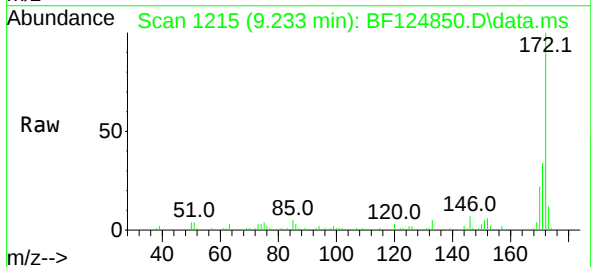
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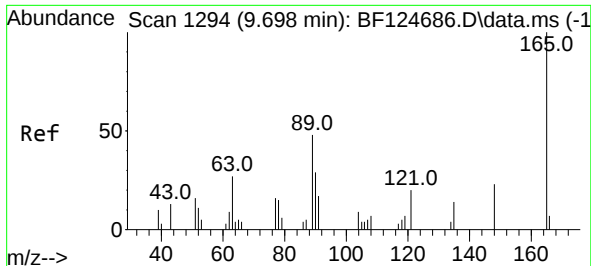
Tgt Ion: 330 Resp: 17145
Ion Ratio Lower Upper
330 100
332 100.4 76.2 114.4
141 46.4 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 80.609 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

Tgt Ion: 172 Resp: 69943
Ion Ratio Lower Upper
172 100
171 34.1 26.5 39.7
170 22.2 18.8 28.2

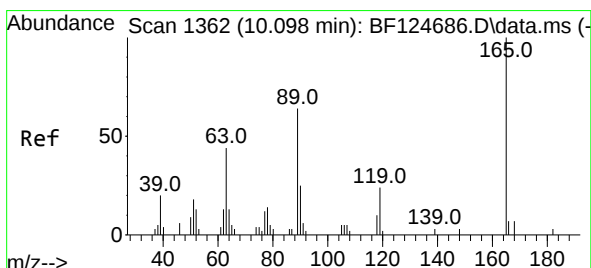
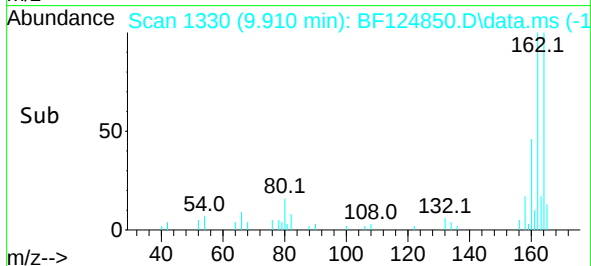
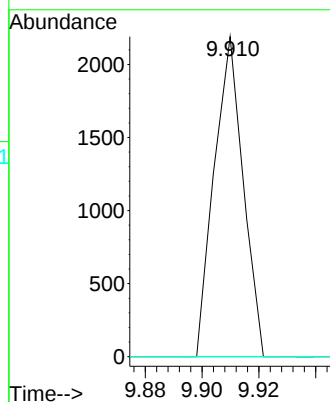
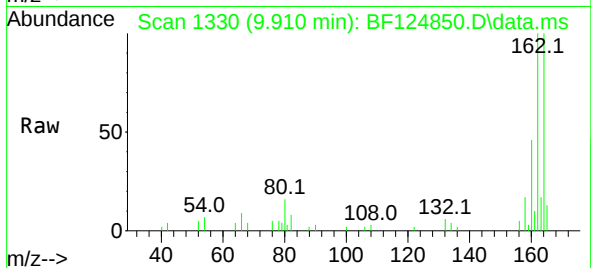




#51
2,6-Dinitrotoluene
Concen: 7.975 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

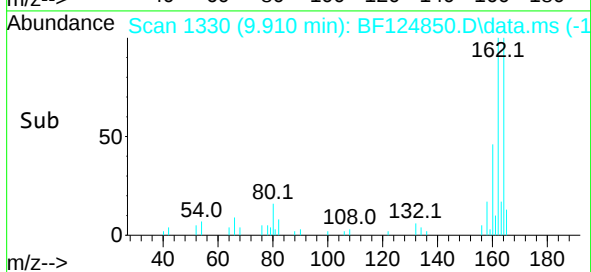
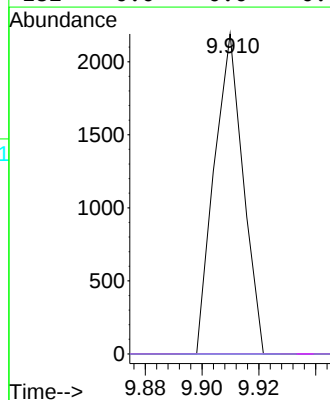
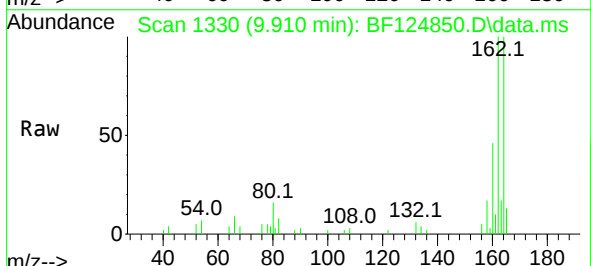
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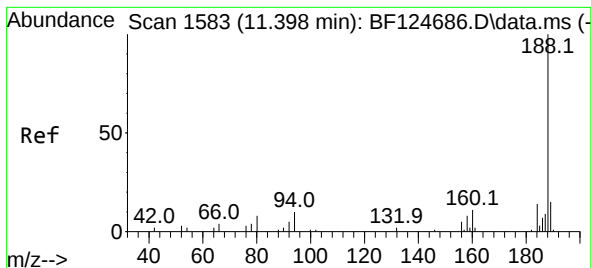
Tgt Ion:165 Resp: 1546
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.877 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

Tgt Ion:165 Resp: 1546
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

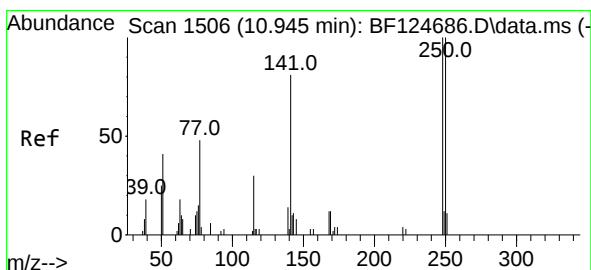
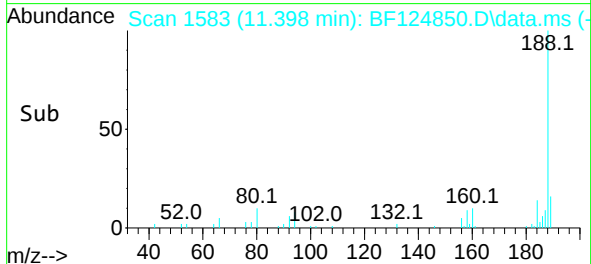
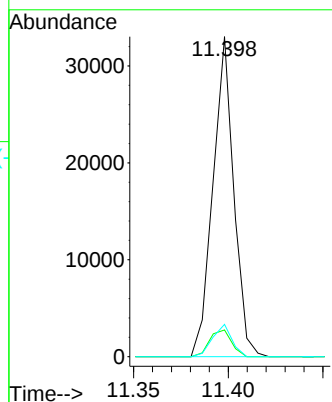
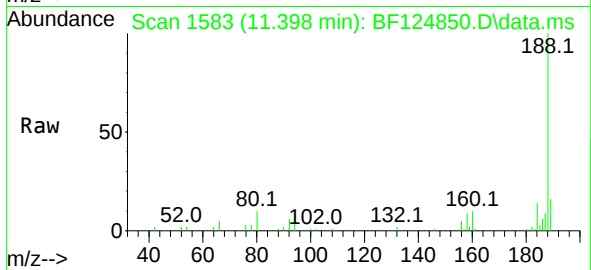




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

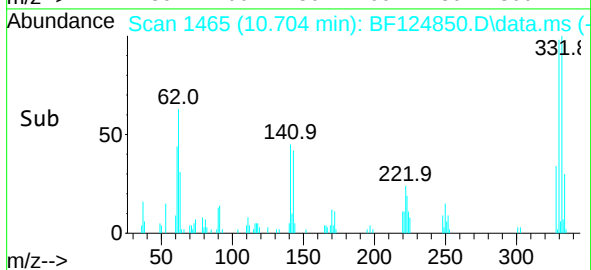
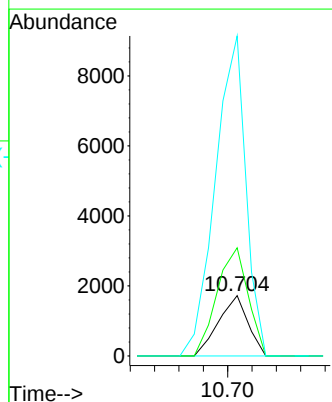
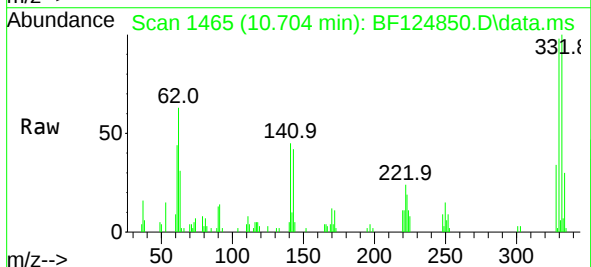
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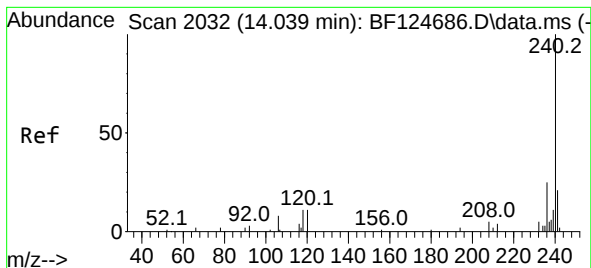
Tgt Ion:188 Resp: 25261
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 10.1 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.420 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

Tgt Ion:248 Resp: 1452
Ion Ratio Lower Upper
248 100
250 179.0 74.2 111.4#
141 529.9 60.4 90.6#

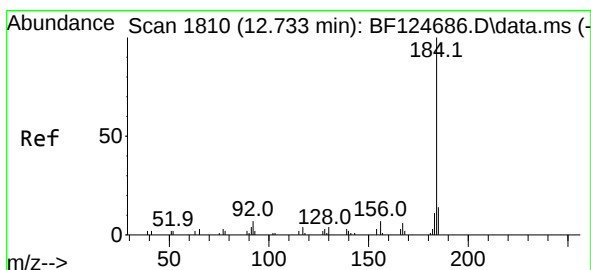
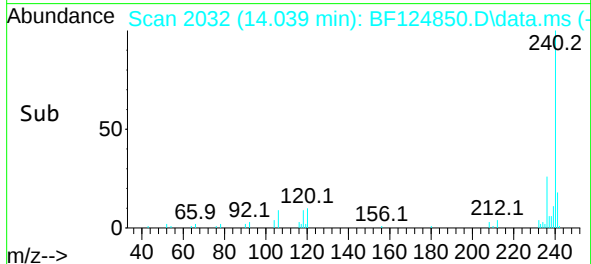
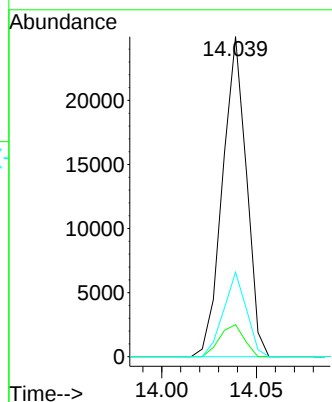
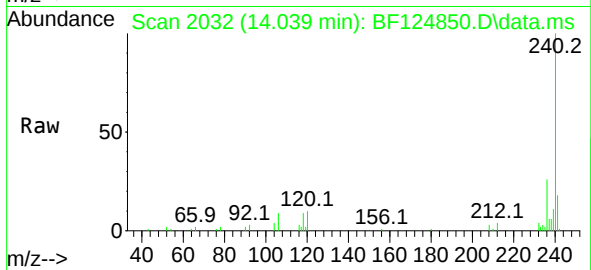




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

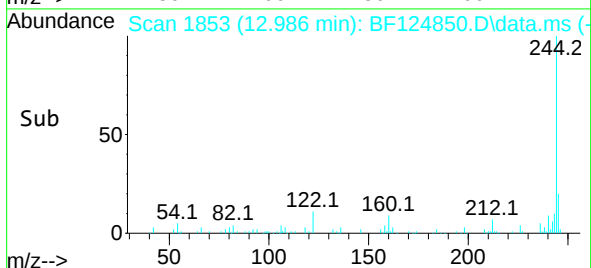
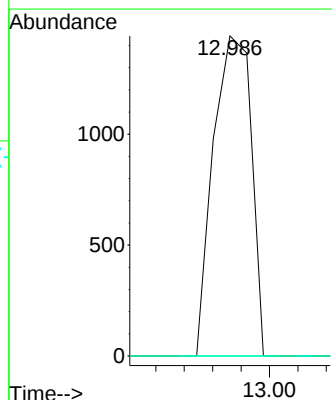
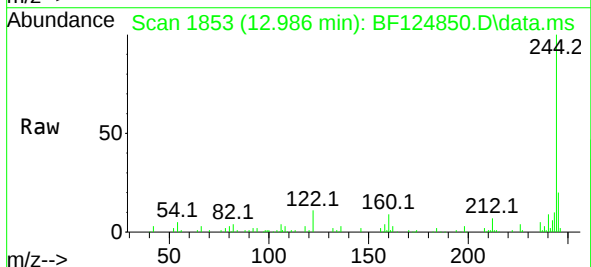
Instrument :
BNA_F
ClientSampleId :
20210581-COM-4

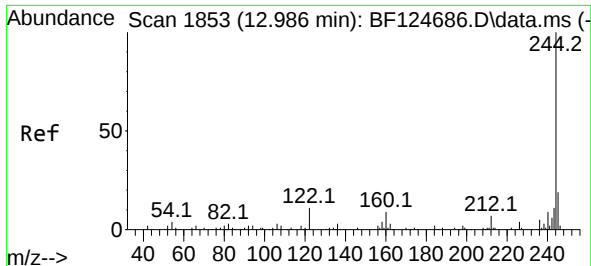
Tgt Ion:240 Resp: 21875
Ion Ratio Lower Upper
240 100
120 10.0 10.8 16.2#
236 26.4 21.6 32.4



#77
Benzidine
Concen: 2.167 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124850.D
Acq: 29 Jul 2021 14:30

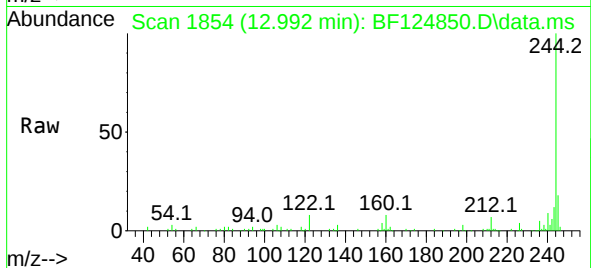
Tgt Ion:184 Resp: 1337
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#



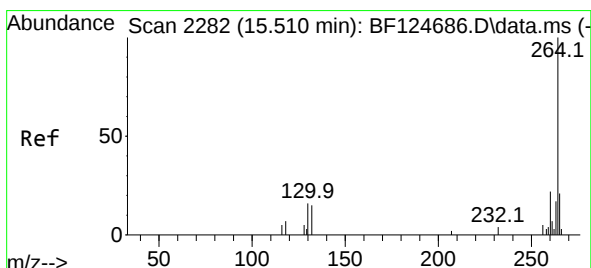
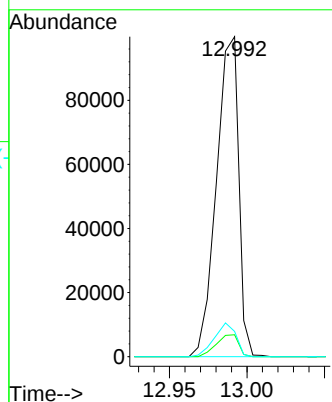


#79
 Terphenyl-d14
 Concen: 78.110 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: BF124850.D
 Acq: 29 Jul 2021 14:30

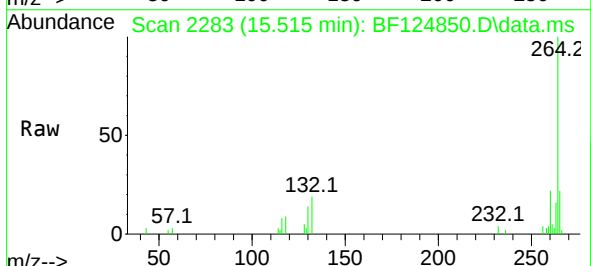
Instrument :
 BNA_F
 ClientSampleId :
 20210581-COM-4



Tgt Ion:244 Resp: 99680
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 7.9 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124850.D
 Acq: 29 Jul 2021 14:30



Tgt Ion:264 Resp: 17467
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.6 29.4
 265 22.2 17.2 25.8

