

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
 Data File : BF126346.D
 Acq On : 23 Dec 2021 16:09
 Operator : JU/CG
 Sample : M5190-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-880

Quant Time: Dec 27 06:50:20 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

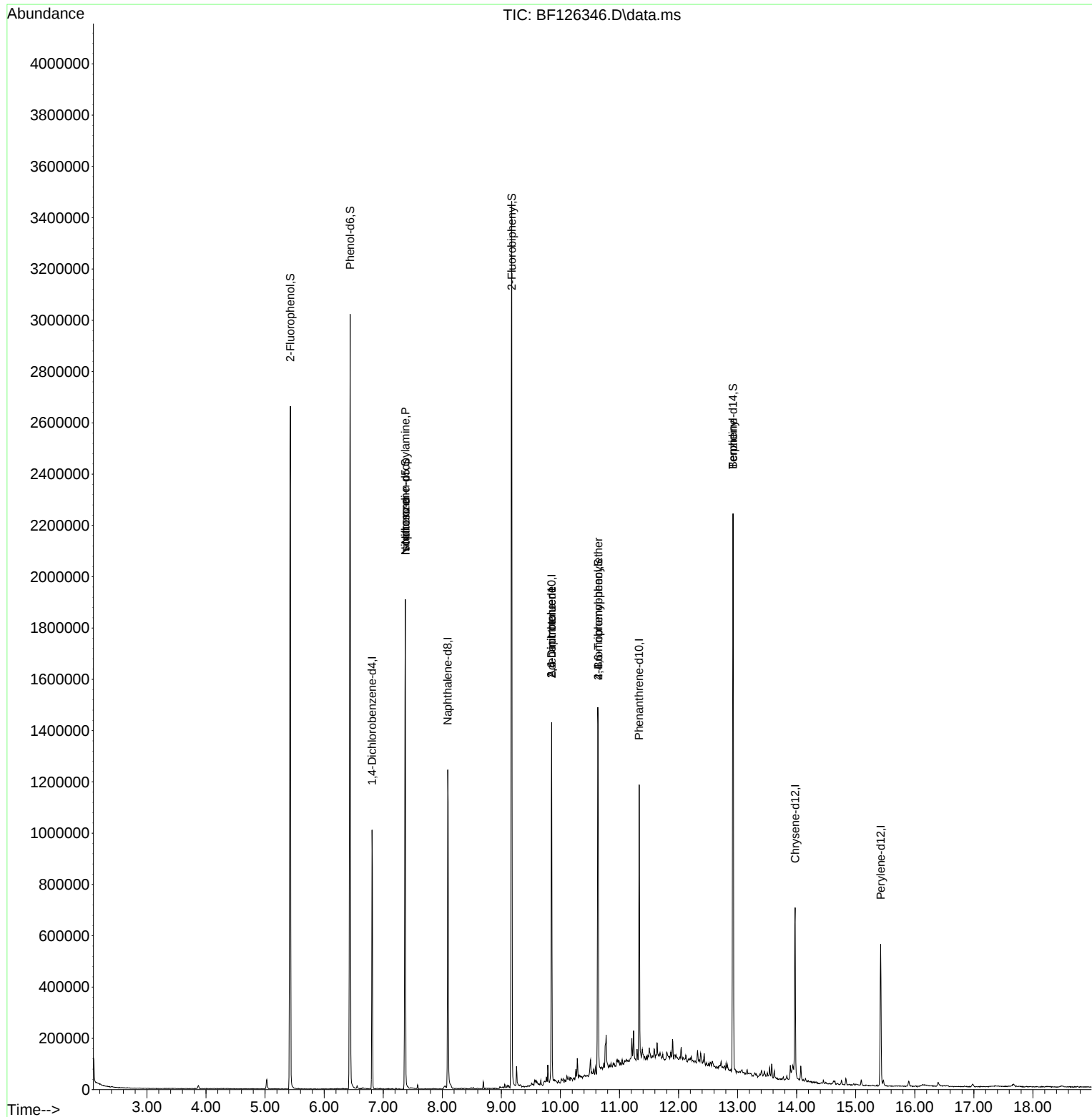
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	143599	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	606987	20.000	ng	#-0.01
39) Acenaphthene-d10	9.851	164	278224	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	364881	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	220993	20.000	ng	0.00
86) Perylene-d12	15.421	264	229667	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	816083	83.692	ng	0.00
7) Phenol-d6	6.440	99	1148866	92.790	ng	0.00
23) Nitrobenzene-d5	7.375	82	645795	57.622	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	181220	81.049	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1034984	65.244	ng	0.00
79) Terphenyl-d14	12.922	244	737105	57.974	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	81282	10.694	ng	# 55
25) Isophorone	7.375	82	645784	30.513	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	34541	9.055	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	34541	7.098	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	9704	2.834	ng	# 1
77) Benzydine	12.922	184	9311	2.672	ng	# 87

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

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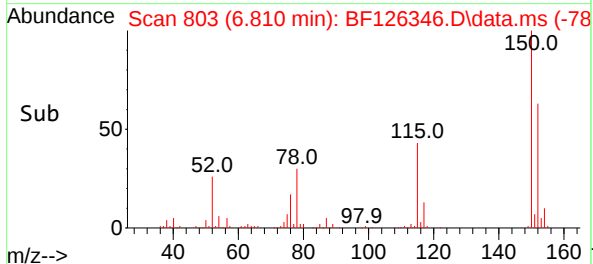
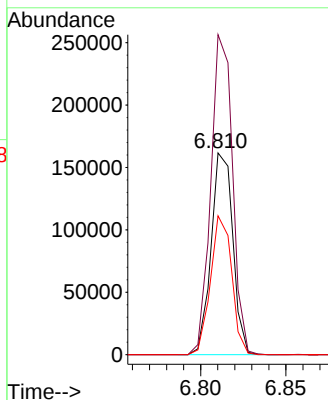
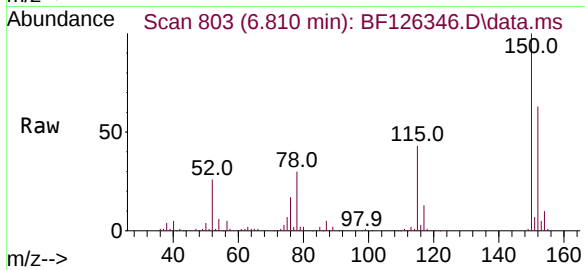




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 804
Delta R.T. -0.006 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

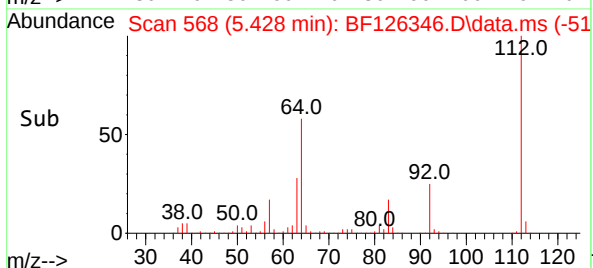
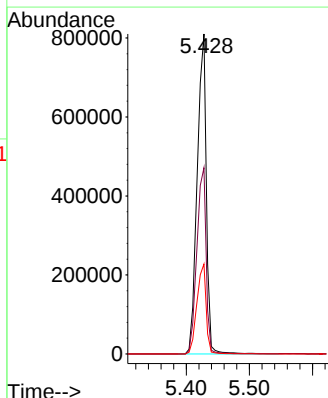
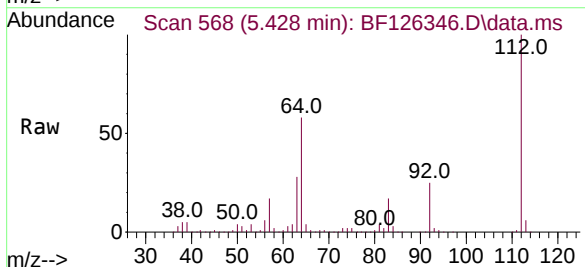
Instrument :
BNA_F
ClientSampleId :
RT-880

Tgt Ion:152 Resp: 143599
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 68.8 47.1 70.7



#5
2-Fluorophenol
Concen: 83.692 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

Tgt Ion:112 Resp: 816083
Ion Ratio Lower Upper
112 100
64 58.2 44.2 66.2
63 28.1 26.2 39.2

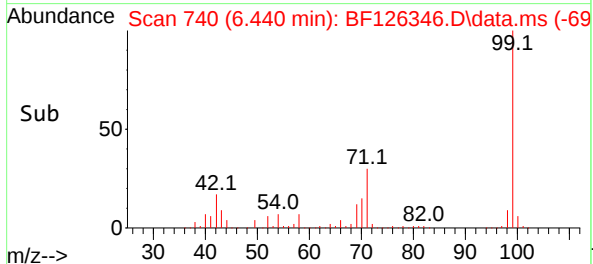
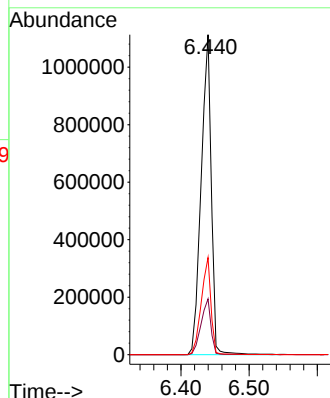
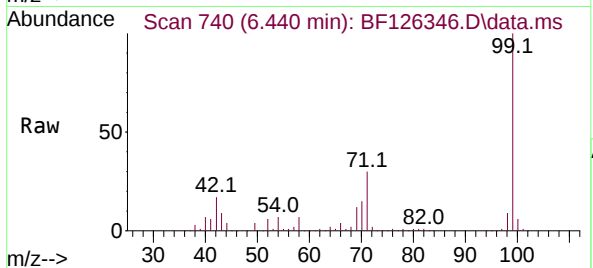




#7
Phenol-d6
Concen: 92.790 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

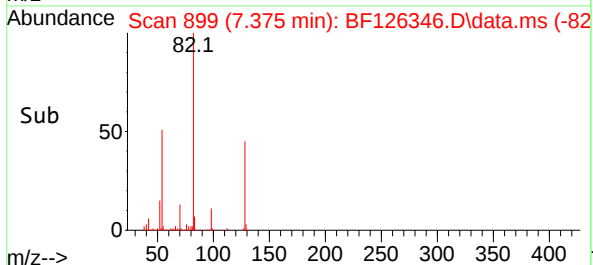
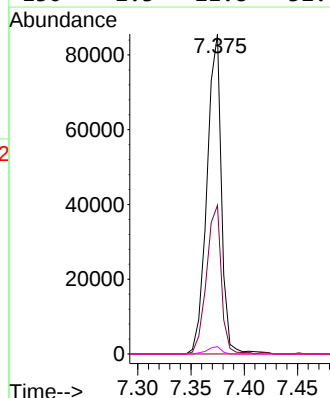
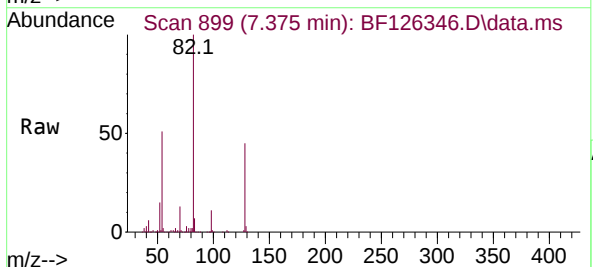
Instrument :
BNA_F
ClientSampleId :
RT-880

Tgt Ion: 99 Resp: 1148866
Ion Ratio Lower Upper
99 100
42 17.5 23.5 35.3#
71 30.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.694 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.141 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

Tgt Ion: 70 Resp: 81282
Ion Ratio Lower Upper
70 100
42 46.4 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#

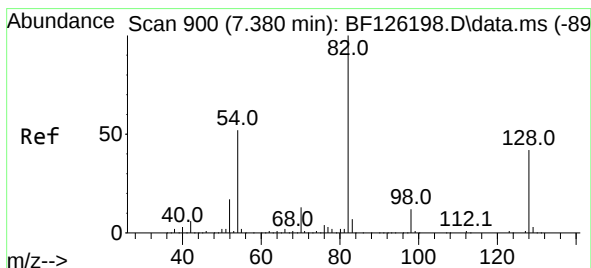
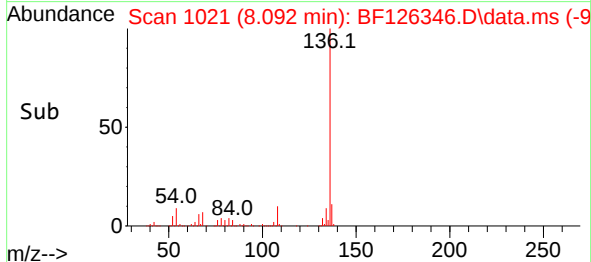
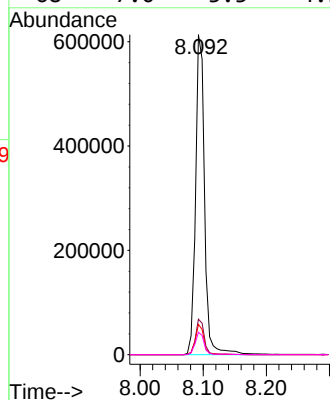
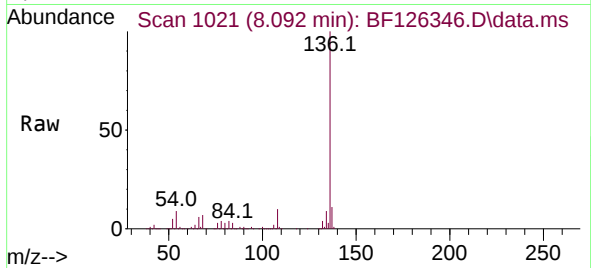




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

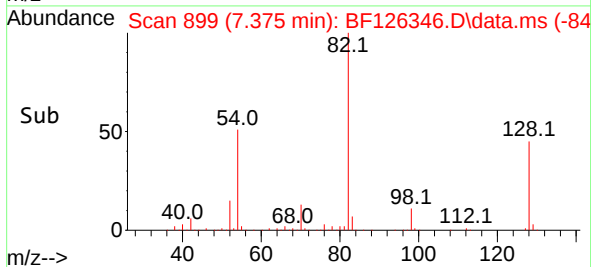
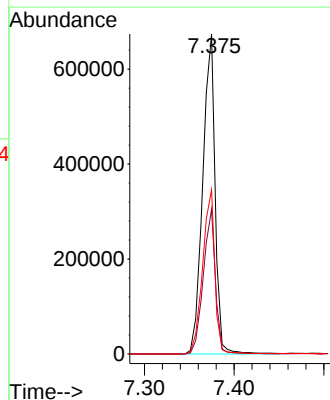
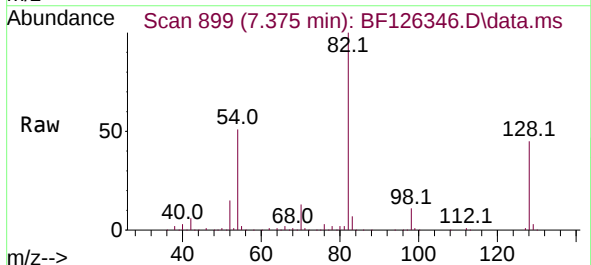
Instrument :
BNA_F
ClientSampleId :
RT-880

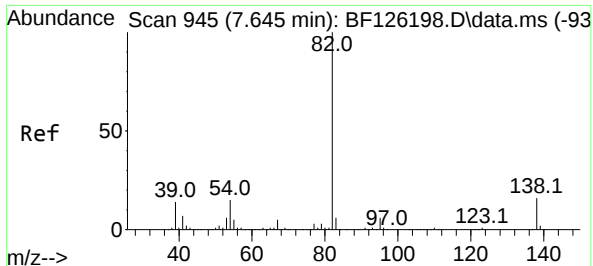
Tgt Ion:	136	Resp:	606987
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.8	14.6
54	9.5	6.4	9.6
68	7.0	3.3	4.9



#23
Nitrobenzene-d5
Concen: 57.622 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

Tgt Ion:	82	Resp:	645795
Ion Ratio	Lower	Upper	
82	100		
128	45.2	40.6	60.8
54	51.3	49.6	74.4

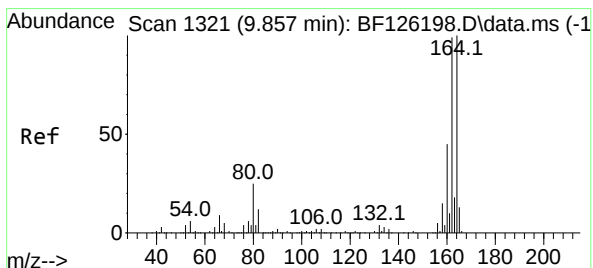
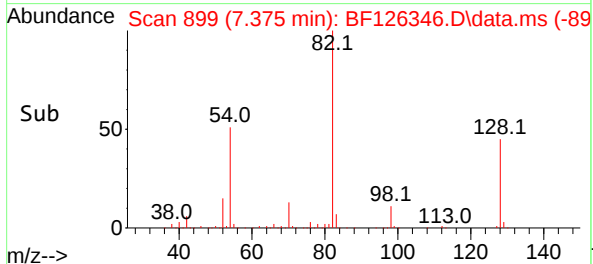
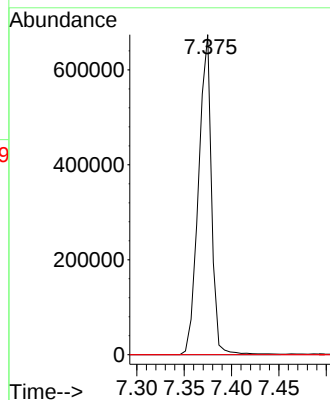
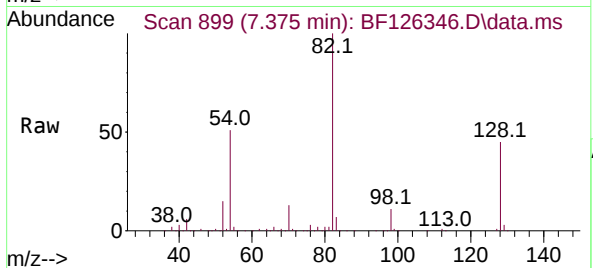




#25
Isophorone
Concen: 30.513 ng
RT: 7.375 min Scan# 89
Delta R.T. -0.265 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

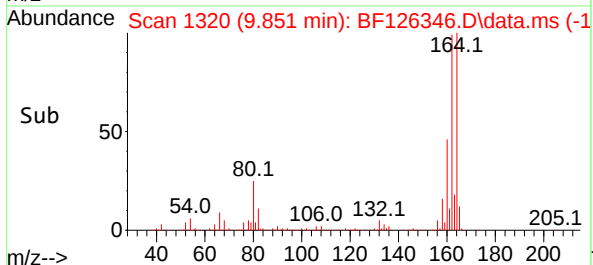
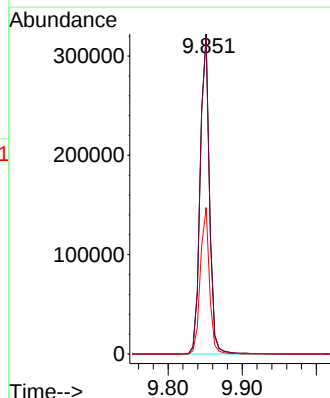
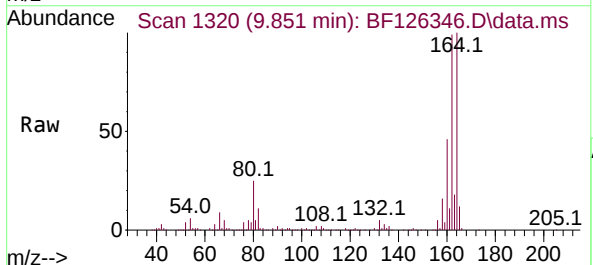
Instrument :
BNA_F
ClientSampleId :
RT-880

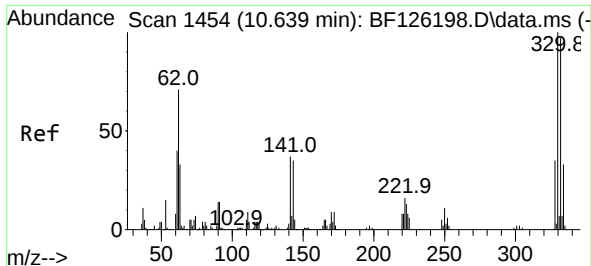
Tgt Ion: 82 Resp: 645784
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

Tgt Ion: 164 Resp: 278224
Ion Ratio Lower Upper
164 100
162 98.7 81.3 121.9
160 45.7 38.0 57.0

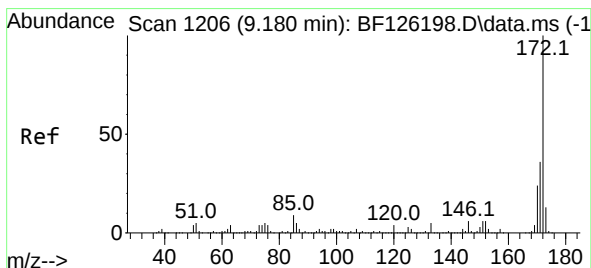
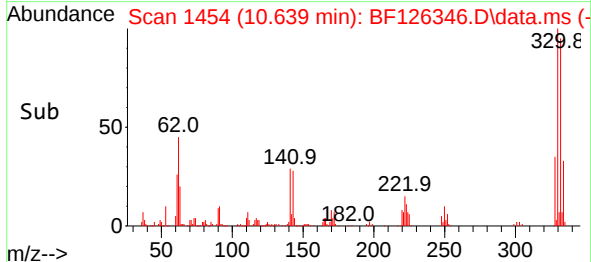
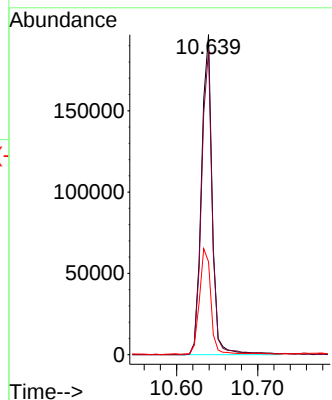
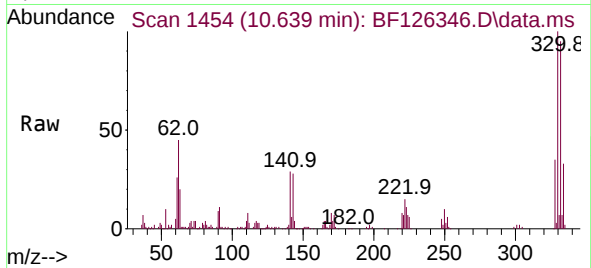




#42
2,4,6-Tribromophenol
Concen: 81.049 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

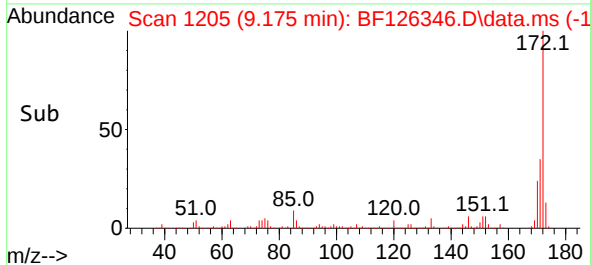
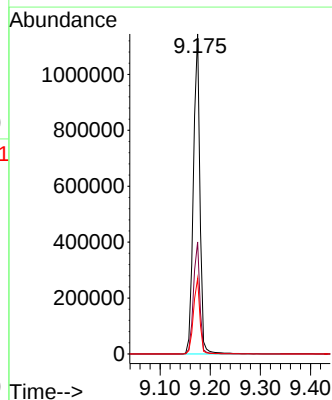
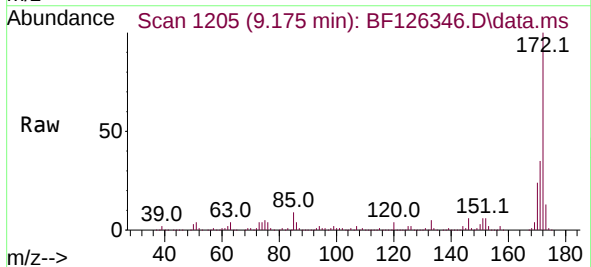
Instrument :
BNA_F
ClientSampleId :
RT-880

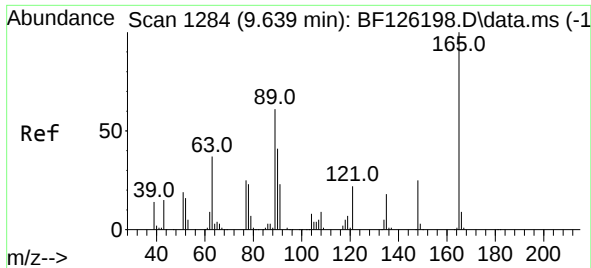
Tgt Ion:330 Resp: 181220
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 34.6 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 65.244 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

Tgt Ion:172 Resp: 1034984
Ion Ratio Lower Upper
172 100
171 35.0 26.5 39.7
170 23.6 18.8 28.2

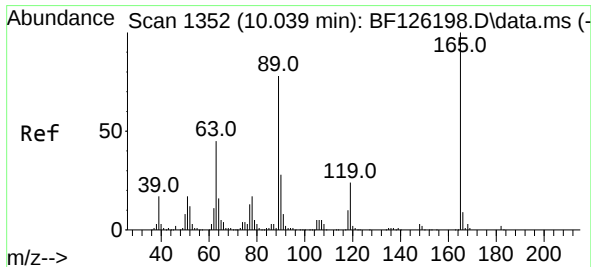
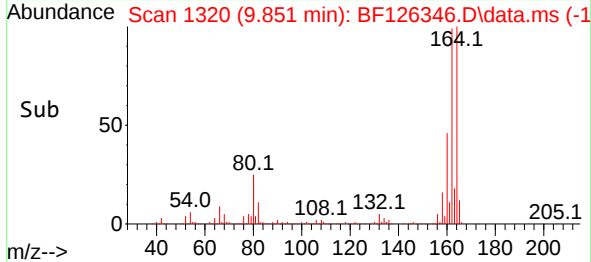
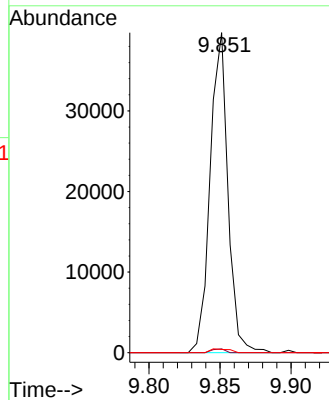
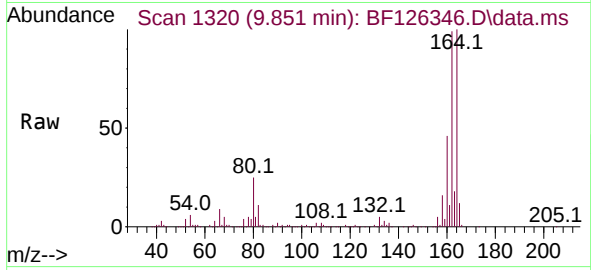




#51
2,6-Dinitrotoluene
Concen: 9.055 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

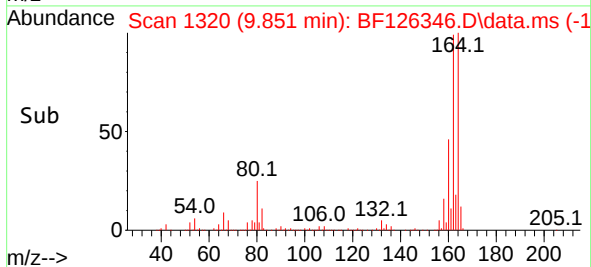
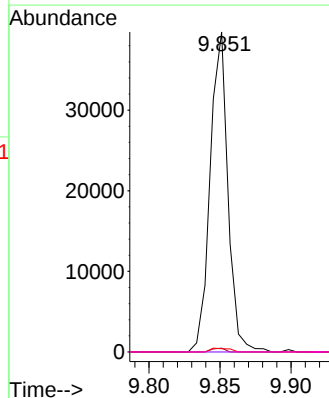
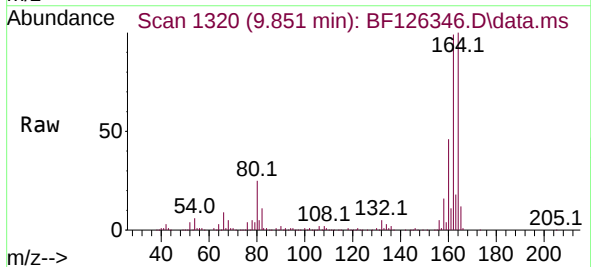
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RT-880

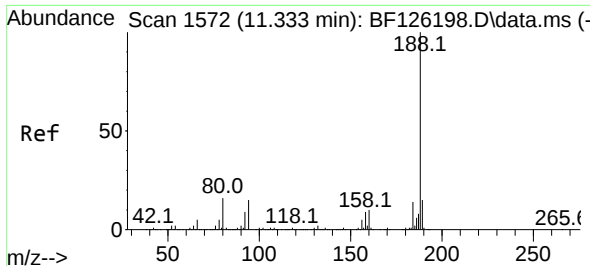
Tgt Ion:165 Resp: 34541
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.098 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

Tgt Ion:165 Resp: 34541
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

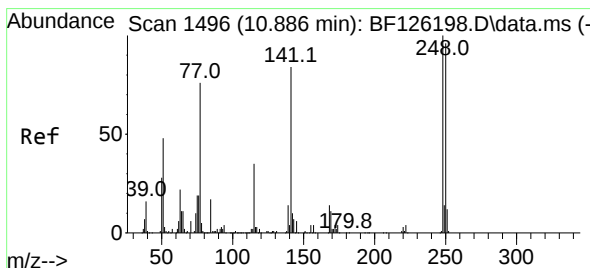
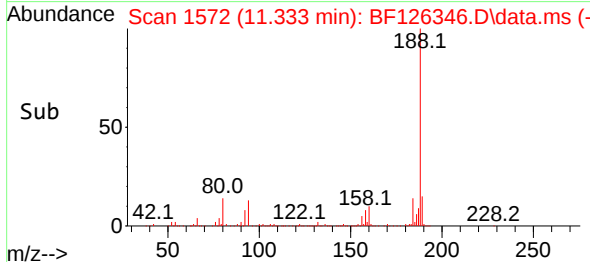
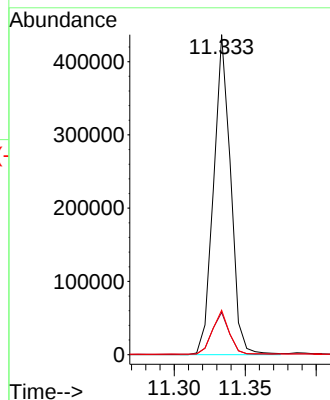
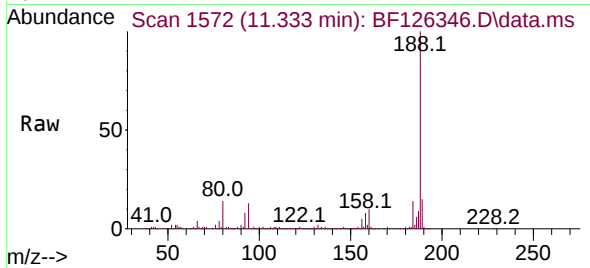




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

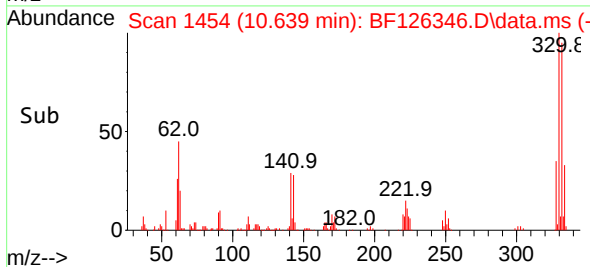
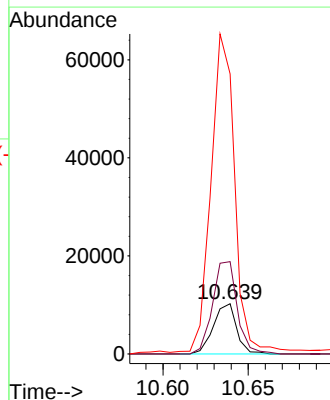
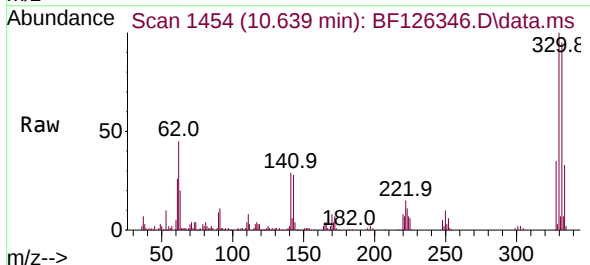
Instrument :
BNA_F
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RT-880

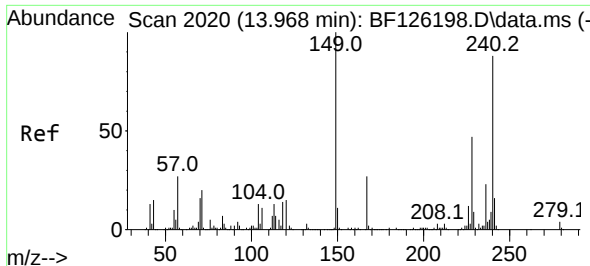
Tgt Ion:188 Resp: 364881
Ion Ratio Lower Upper
188 100
94 13.2 6.7 10.1#
80 13.9 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.834 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.247 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

Tgt Ion:248 Resp: 9704
Ion Ratio Lower Upper
248 100
250 183.9 74.2 111.4#
141 557.5 60.4 90.6#

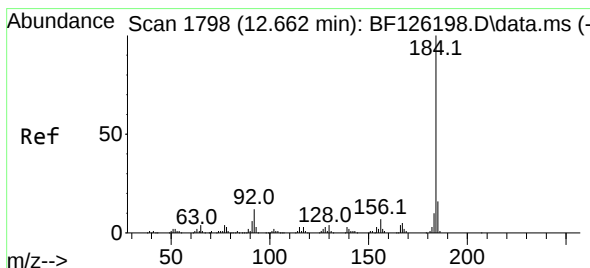
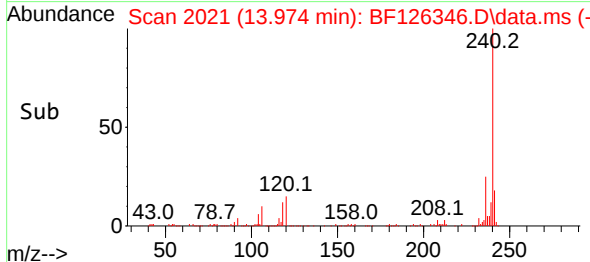
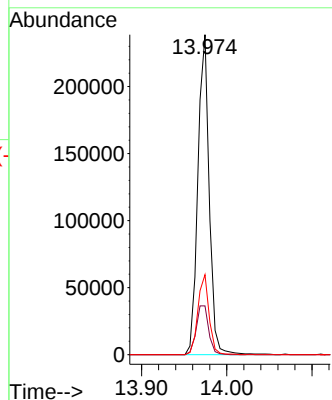
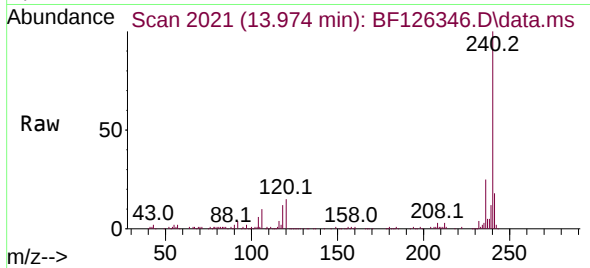




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

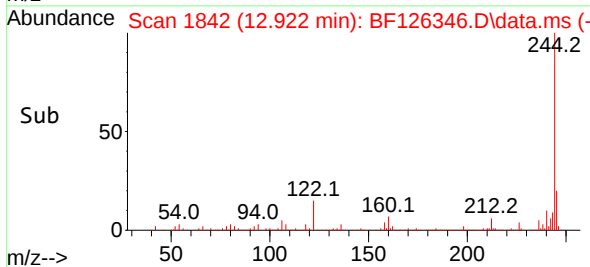
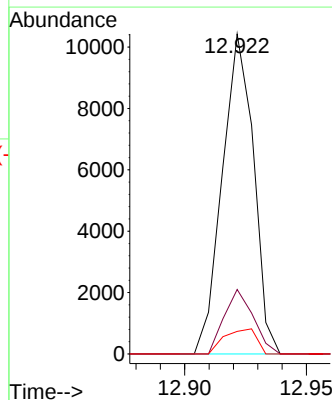
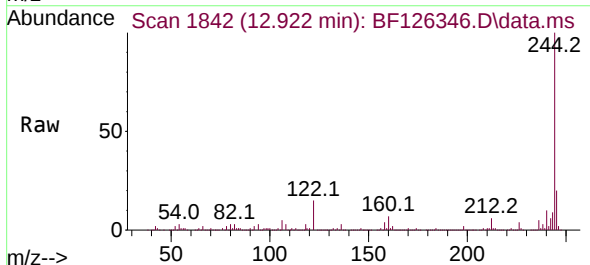
Instrument :
BNA_F
ClientSampleId :
RT-880

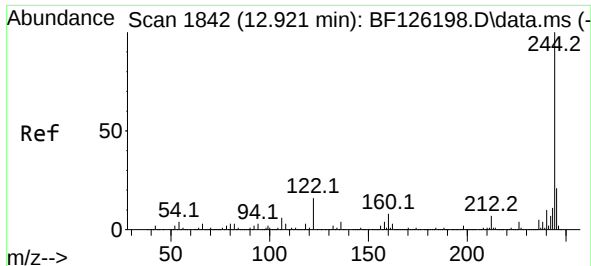
Tgt Ion:240 Resp: 220993
Ion Ratio Lower Upper
240 100
120 15.2 10.8 16.2
236 25.0 21.6 32.4



#77
Benzidine
Concen: 2.672 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.247 min
Lab File: BF126346.D
Acq: 23 Dec 2021 16:09

Tgt Ion:184 Resp: 9311
Ion Ratio Lower Upper
184 100
185 20.1 10.8 16.2#
183 7.0 8.1 12.1#

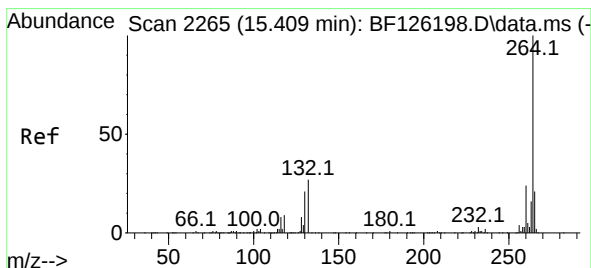
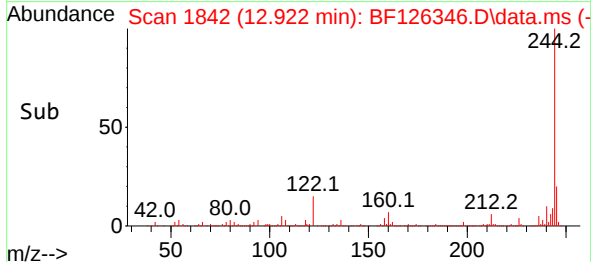
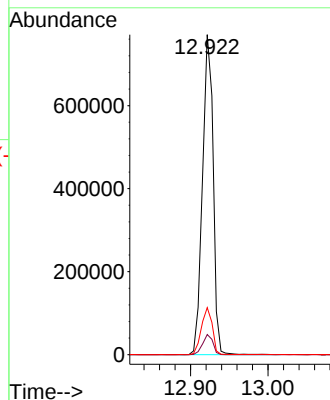
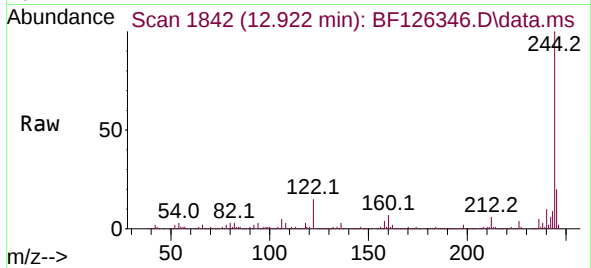




#79
 Terphenyl-d14
 Concen: 57.974 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF126346.D
 Acq: 23 Dec 2021 16:09

Instrument :
 BNA_F
 ClientSampleId :
 RT-880

Tgt Ion:244 Resp: 737105
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 14.7 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126346.D
 Acq: 23 Dec 2021 16:09

Tgt Ion:264 Resp: 229667
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.6 29.4
 265 20.9 17.2 25.8

