

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010422\
 Data File : BF126485.D
 Acq On : 5 Jan 2022 00:14
 Operator : JU/CG
 Sample : M5330-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-25-(18-23)-12-29-21

Quant Time: Jan 05 02:02:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

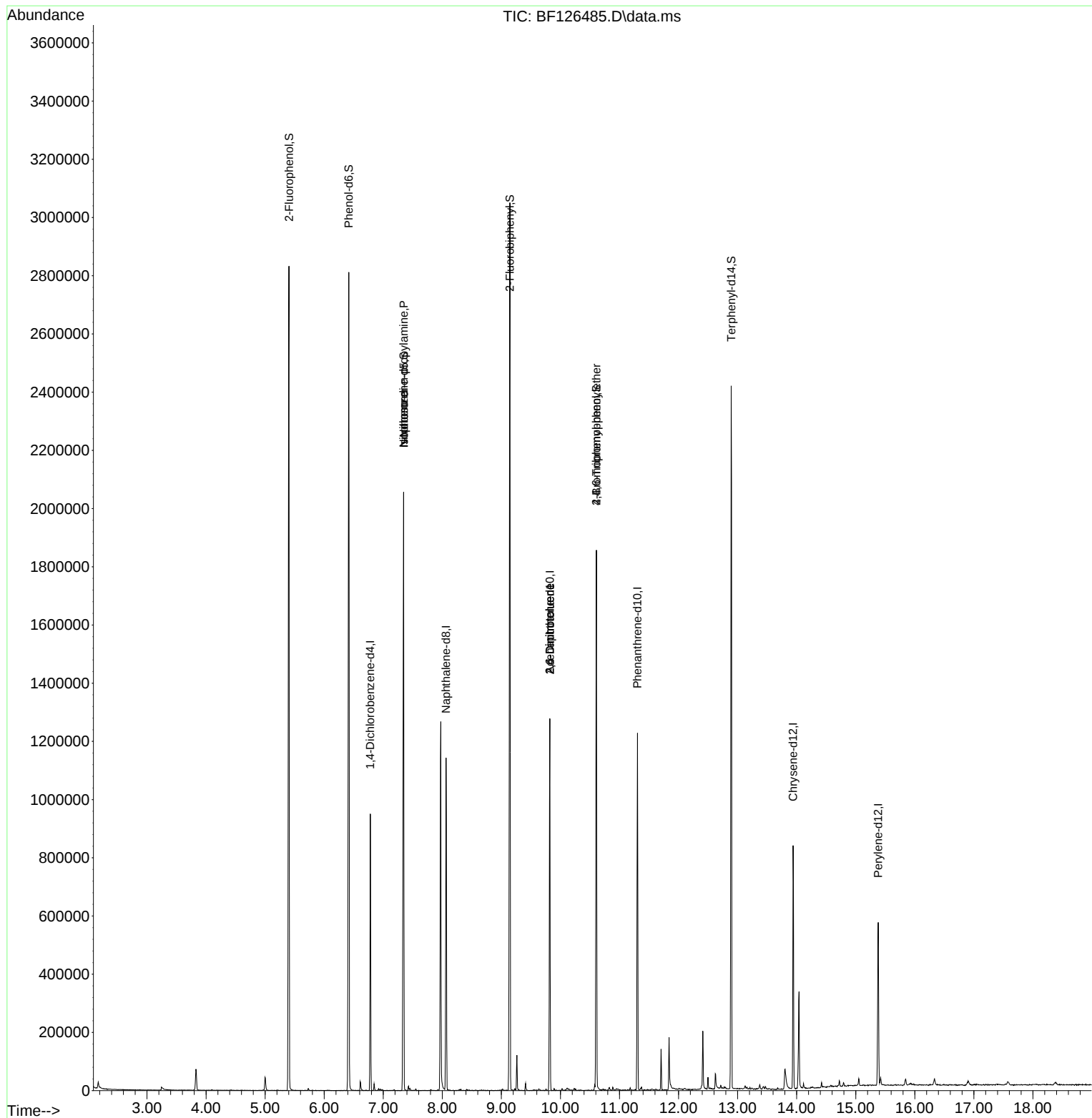
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	126477	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	531412	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	250426	20.000	ng	0.00
64) Phenanthrene-d10	11.304	188	400857	20.000	ng	0.00
76) Chrysene-d12	13.939	240	269261	20.000	ng	-0.01
86) Perylene-d12	15.380	264	218441	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	871620	98.967	ng	0.01
7) Phenol-d6	6.416	99	1091657	95.699	ng	0.00
23) Nitrobenzene-d5	7.345	82	708716	68.478	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	219261	113.304	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	991445	69.668	ng	0.00
79) Terphenyl-d14	12.892	244	842475	60.791	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.345	70	88715	13.629	ng	# 80
25) Isophorone	7.345	82	708494	38.241	ng	# 69
51) 2,6-Dinitrotoluene	9.822	165	32273	9.559	ng	# 21
57) 2,4-Dinitrotoluene	9.822	165	32273	7.409	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	11791	3.314	ng	# 1
77) Benzidine	12.892	184	10360	Below Cal		97

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

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Quant Time: Jan 05 02:02:51 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

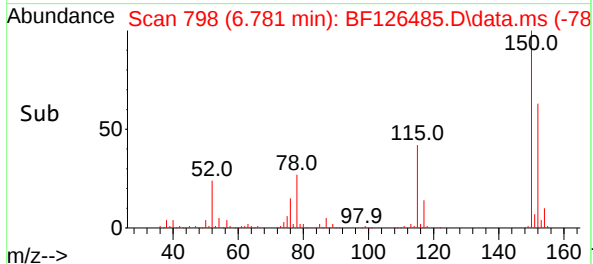
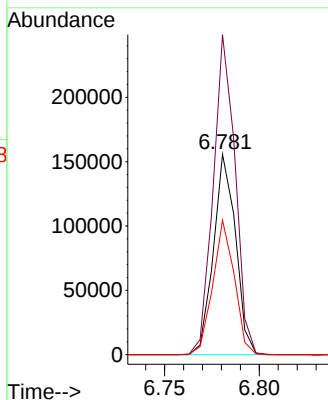
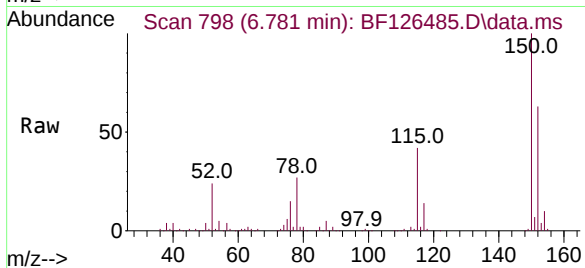




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.005 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

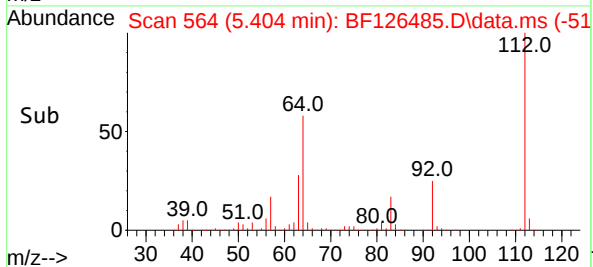
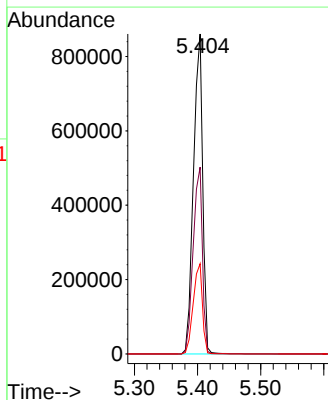
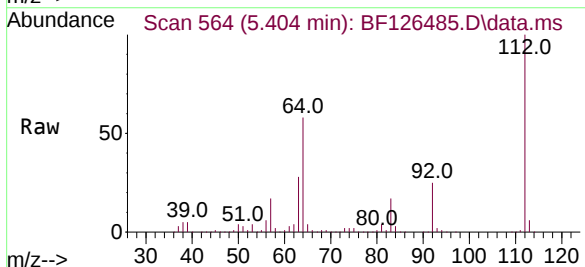
Instrument :
BNA_F
ClientSampleId :
DB-25-(18-23)-12-29-21

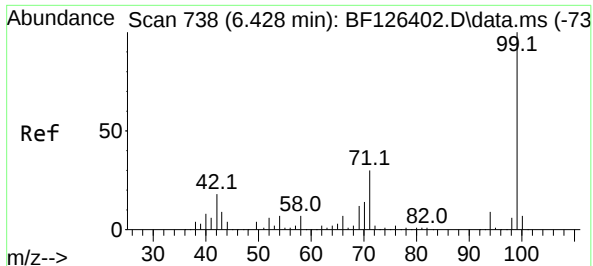
Tgt Ion:152 Resp: 126477
Ion Ratio Lower Upper
152 100
150 159.7 128.1 192.1
115 67.0 56.7 85.1



#5
2-Fluorophenol
Concen: 98.967 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

Tgt Ion:112 Resp: 871620
Ion Ratio Lower Upper
112 100
64 58.4 49.5 74.3
63 28.2 23.9 35.9

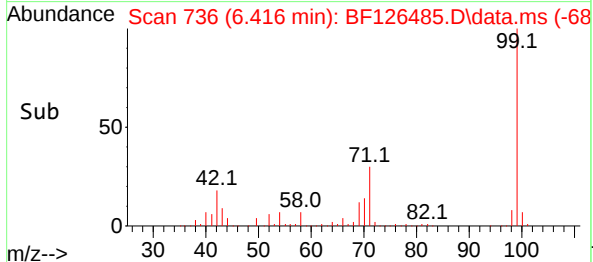
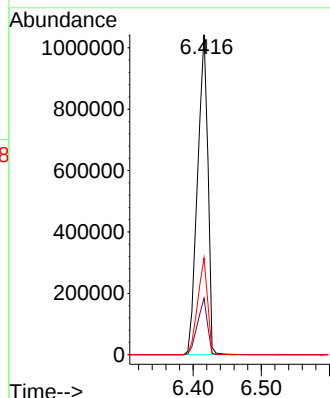
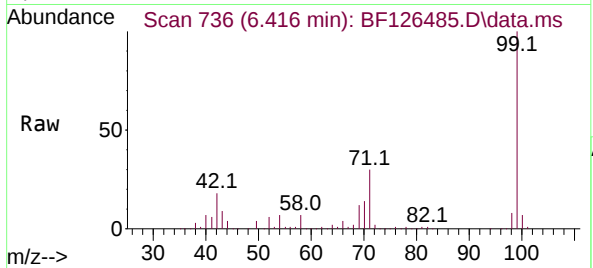




#7
Phenol-d6
Concen: 95.699 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

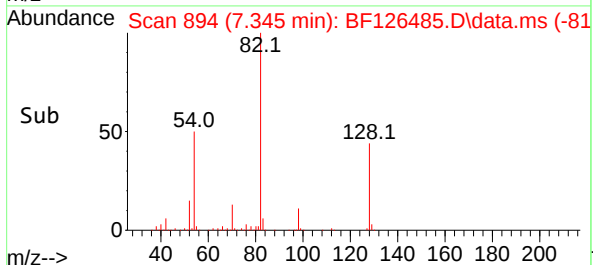
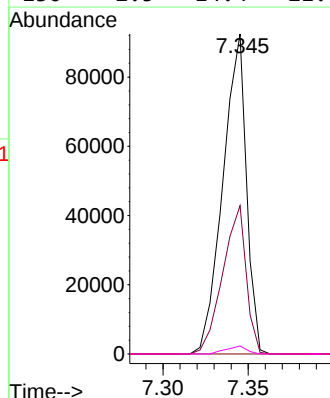
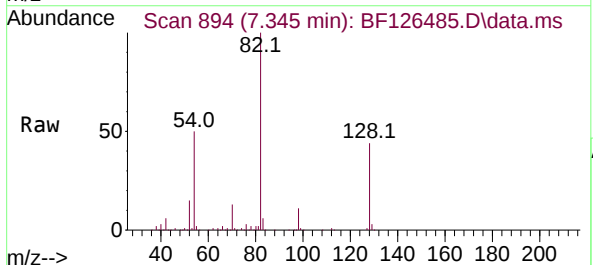
Instrument :
BNA_F
ClientSampleId :
DB-25-(18-23)-12-29-21

Tgt Ion: 99 Resp: 1091657
Ion Ratio Lower Upper
99 100
42 17.6 14.2 21.4
71 30.3 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.629 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

Tgt Ion: 70 Resp: 88715
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 2.5 14.4 21.6#

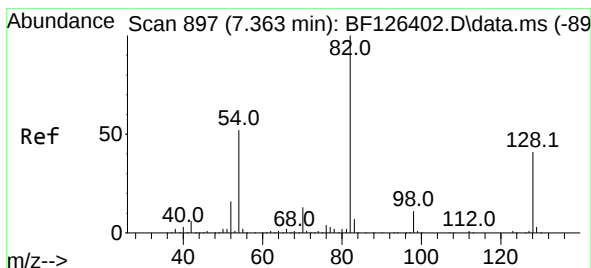
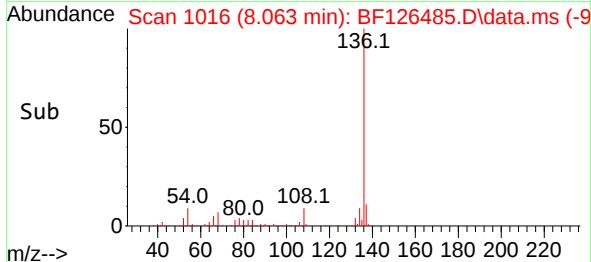
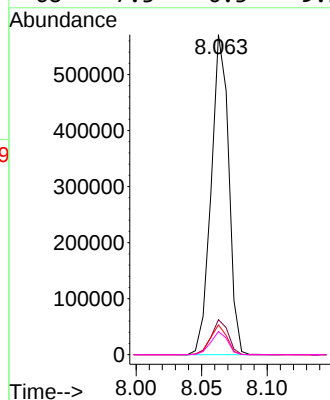
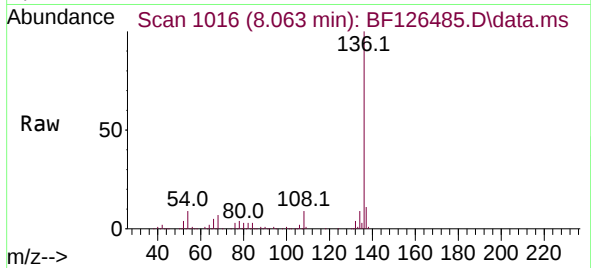




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

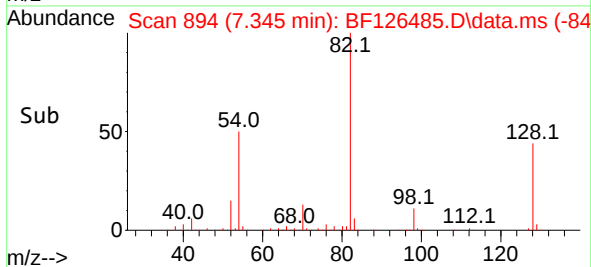
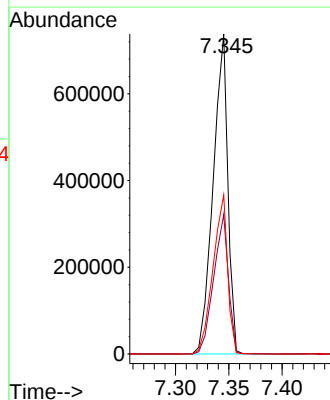
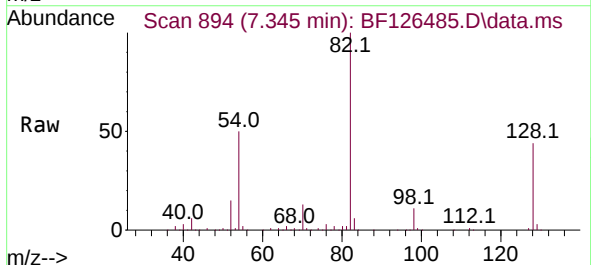
Instrument :
BNA_F
ClientSampleId :
DB-25-(18-23)-12-29-21

Tgt Ion:	136	Resp:	531412
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	9.3	7.8	11.6
68	7.3	6.3	9.5



#23
Nitrobenzene-d5
Concen: 68.478 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

Tgt Ion:	82	Resp:	708716
Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.7	49.1
54	49.7	41.7	62.5

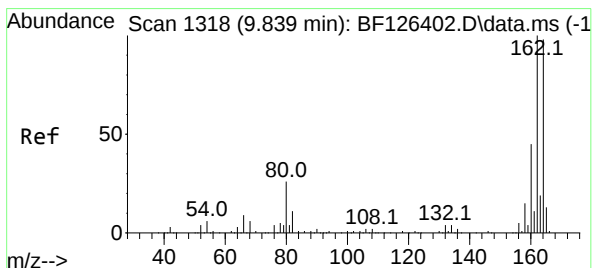
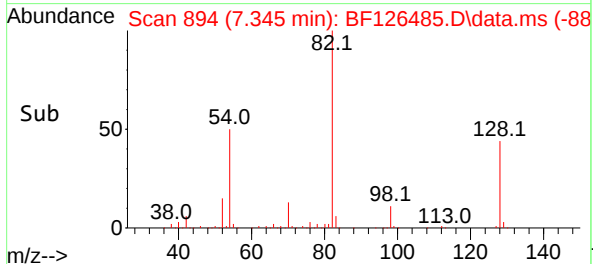
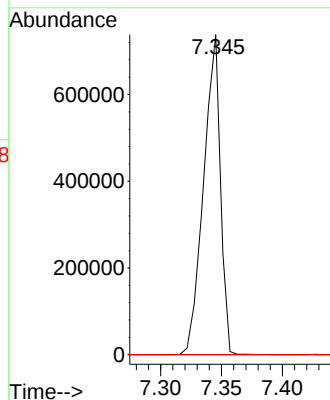
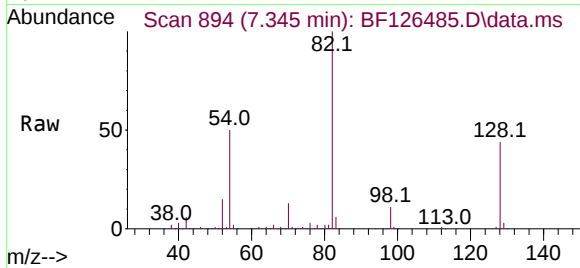




#25
Isophorone
Concen: 38.241 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

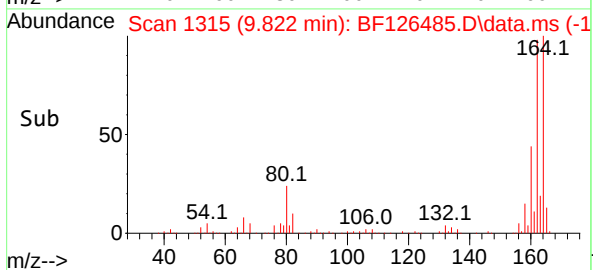
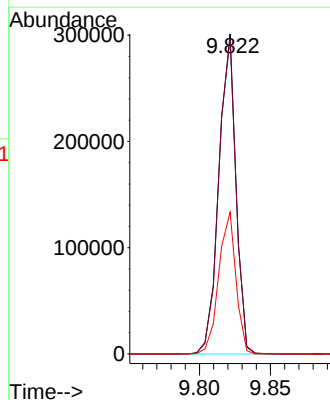
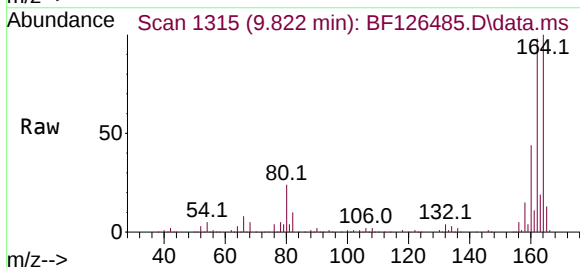
Instrument :
BNA_F
ClientSampleId :
DB-25-(18-23)-12-29-21

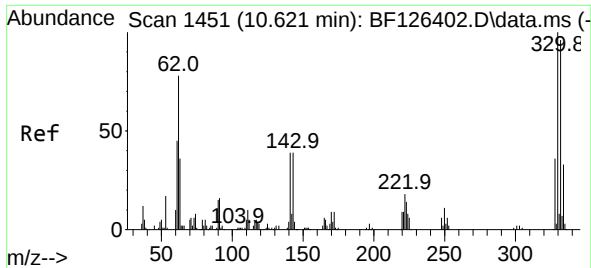
Tgt Ion: 82 Resp: 708494
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

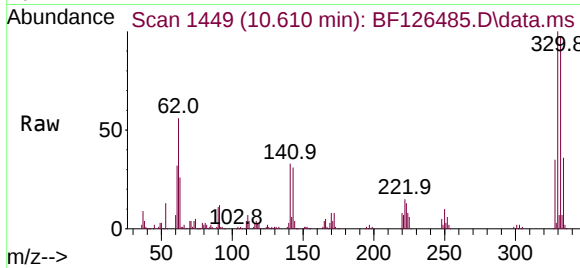
Tgt Ion: 164 Resp: 250426
Ion Ratio Lower Upper
164 100
162 98.4 81.4 122.0
160 44.3 36.6 54.8



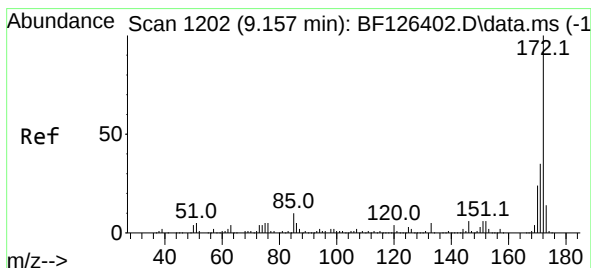
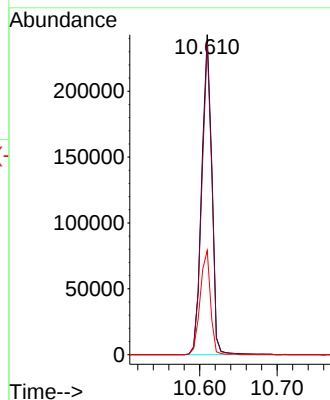
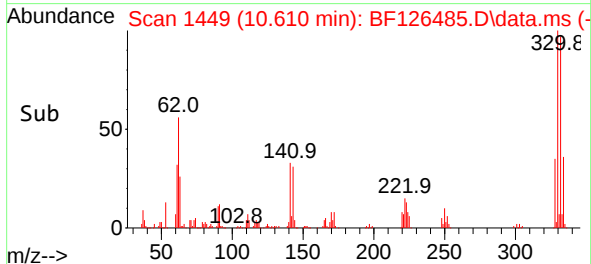


#42
2,4,6-Tribromophenol
Concen: 113.304 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

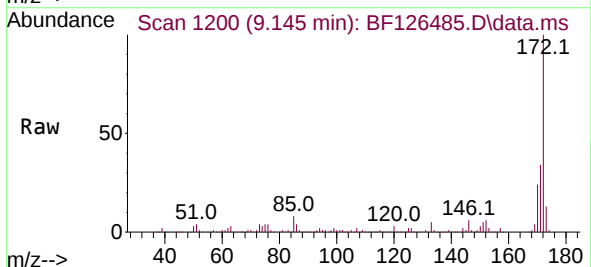
Instrument :
BNA_F
ClientSampleId :
DB-25-(18-23)-12-29-21



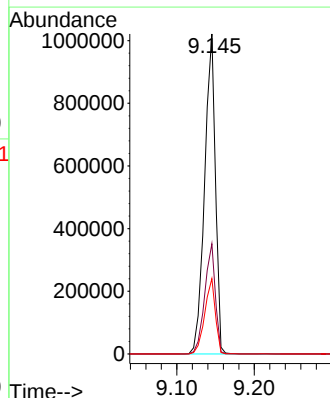
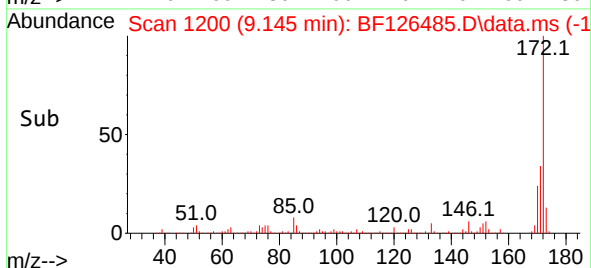
Tgt Ion:330 Resp: 219261
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 33.2 30.1 45.1

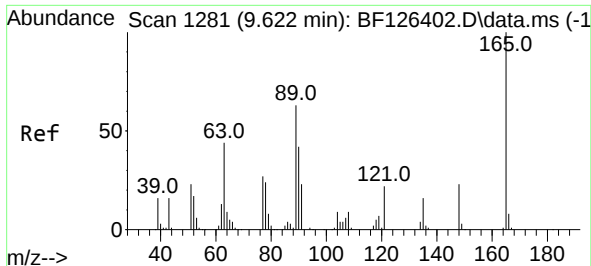


#45
2-Fluorobiphenyl
Concen: 69.668 ng
RT: 9.145 min Scan# 1200
Delta R.T. -0.006 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14



Tgt Ion:172 Resp: 991445
Ion Ratio Lower Upper
172 100
171 34.5 28.3 42.5
170 23.5 19.0 28.6

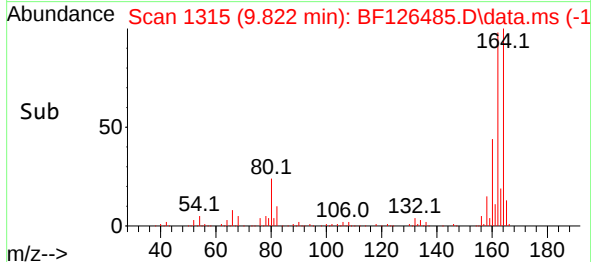
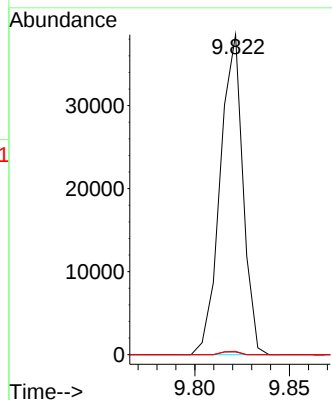
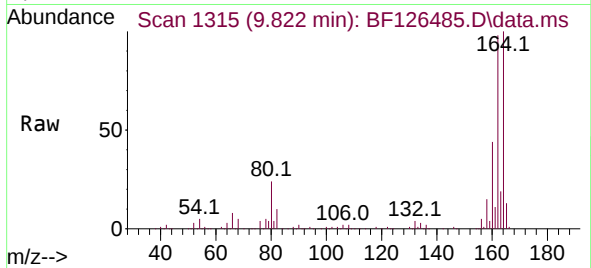




#51
2,6-Dinitrotoluene
Concen: 9.559 ng
RT: 9.822 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

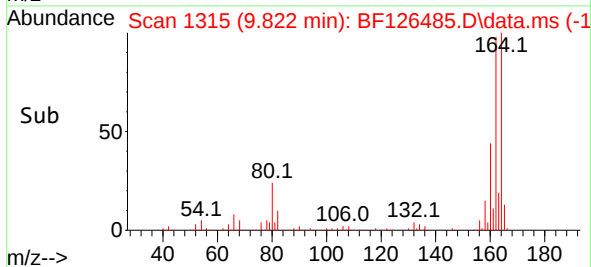
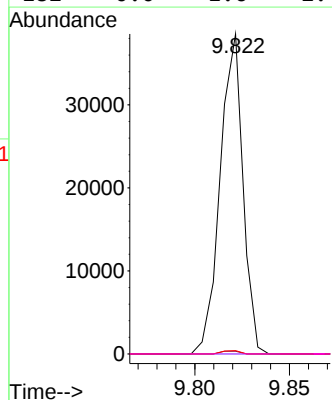
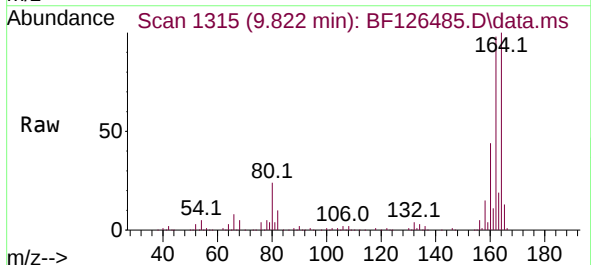
Instrument :
BNA_F
ClientSampleId :
DB-25-(18-23)-12-29-21

Tgt Ion:165 Resp: 32273
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.409 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.194 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

Tgt Ion:165 Resp: 32273
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.0 71.0 106.4#
182 0.0 1.6 2.4#

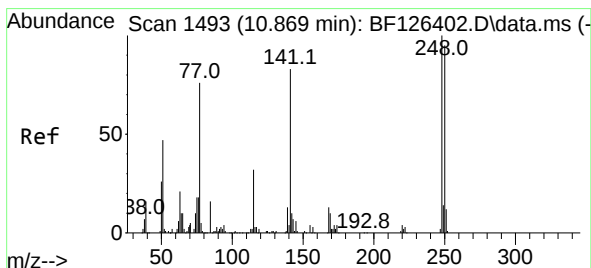
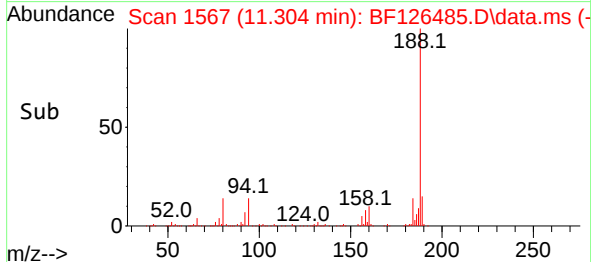
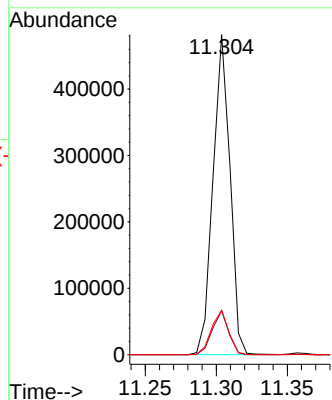
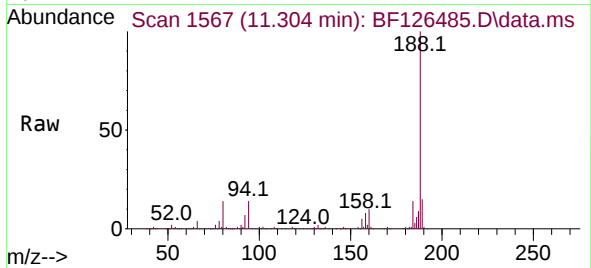




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

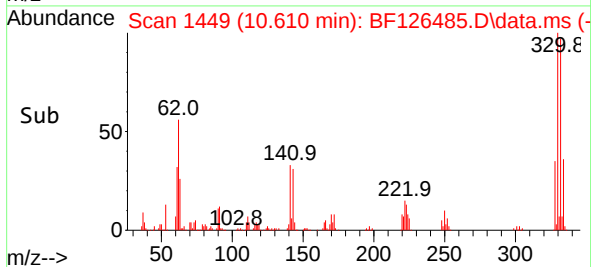
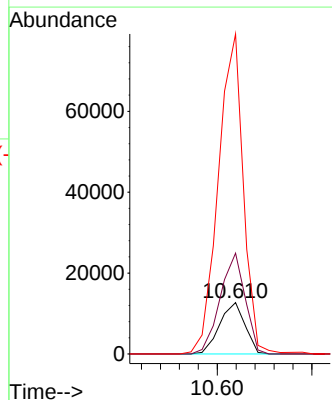
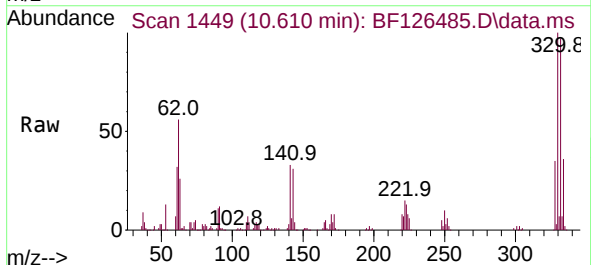
Instrument :
BNA_F
ClientSampleId :
DB-25-(18-23)-12-29-21

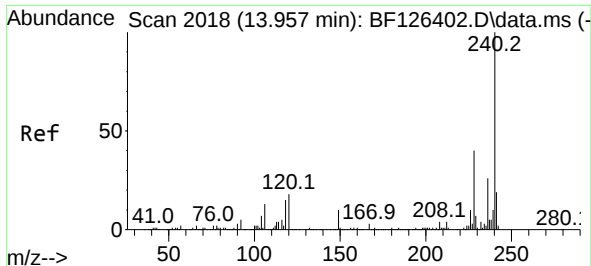
Tgt Ion:188 Resp: 400857
Ion Ratio Lower Upper
188 100
94 13.7 10.1 15.1
80 13.8 11.8 17.6



#67
4-Bromophenyl-phenylether
Concen: 3.314 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.247 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

Tgt Ion:248 Resp: 11791
Ion Ratio Lower Upper
248 100
250 196.4 76.2 114.4#
141 623.9 66.2 99.4#

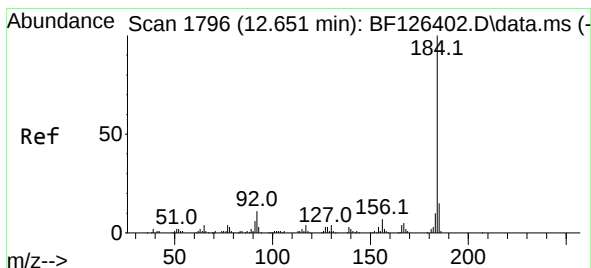
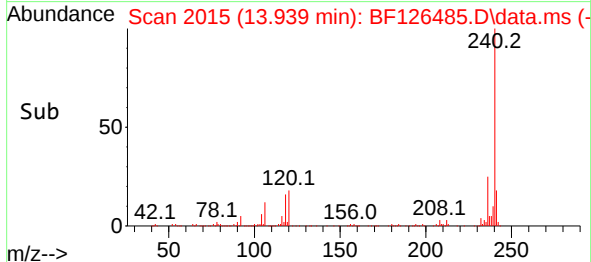
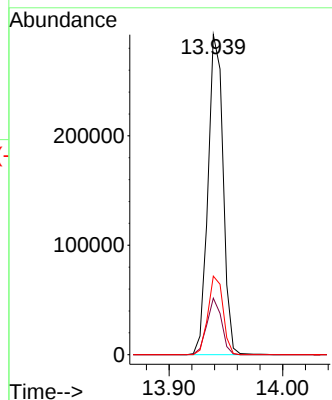
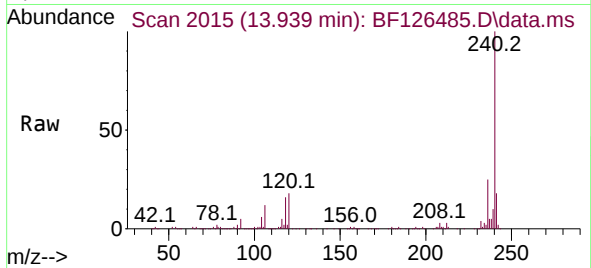




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

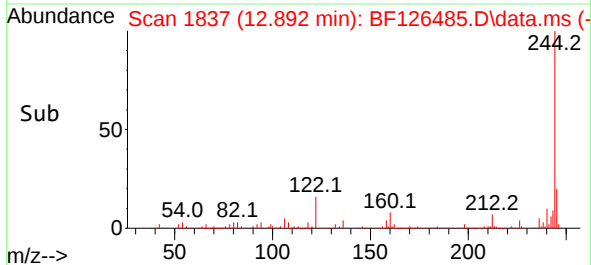
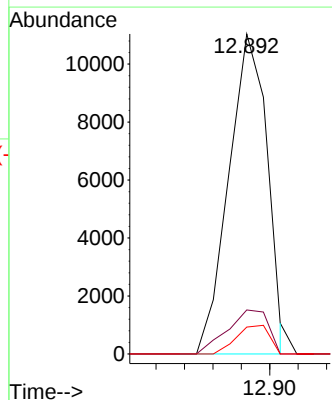
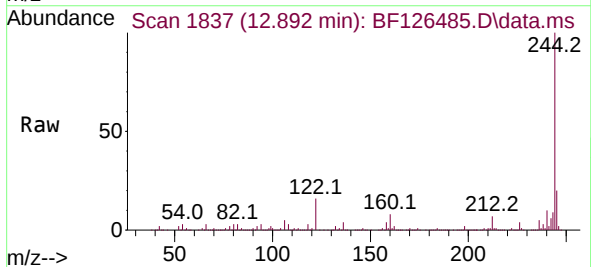
Instrument :
BNA_F
ClientSampleId :
DB-25-(18-23)-12-29-21

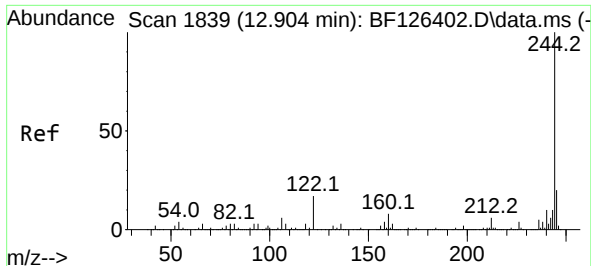
Tgt Ion:240 Resp: 269261
Ion Ratio Lower Upper
240 100
120 17.6 14.4 21.6
236 24.6 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF126485.D
Acq: 5 Jan 2022 00:14

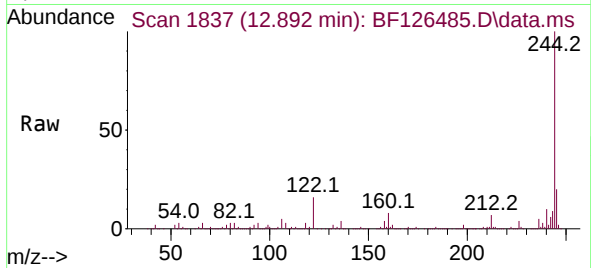
Tgt Ion:184 Resp: 10360
Ion Ratio Lower Upper
184 100
185 13.8 11.8 17.8
183 8.4 8.2 12.2



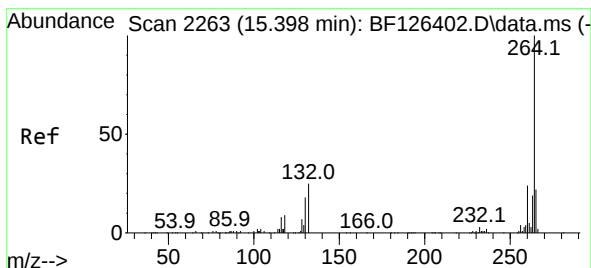
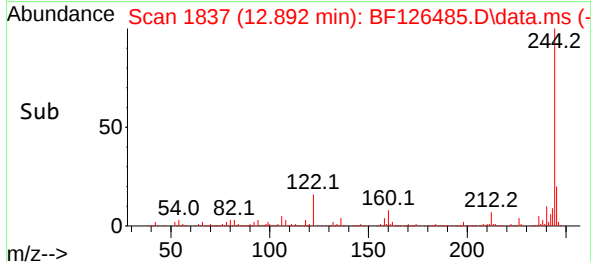
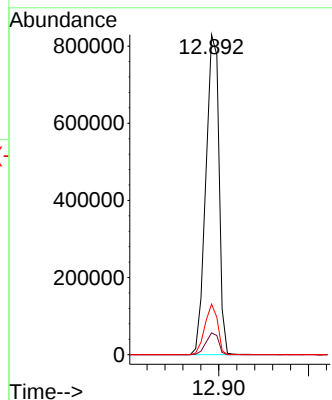


#79
 Terphenyl-d14
 Concen: 60.791 ng
 RT: 12.892 min Scan# 1837
 Delta R.T. -0.006 min
 Lab File: BF126485.D
 Acq: 5 Jan 2022 00:14

Instrument :
 BNA_F
 ClientSampleId :
 DB-25-(18-23)-12-29-21



Tgt Ion:244 Resp: 842475
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.0 7.4
 122 15.8 13.3 19.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126485.D
 Acq: 5 Jan 2022 00:14

Tgt Ion:264 Resp: 218441
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.2 17.4 26.2

