

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126652.D
 Acq On : 24 Jan 2022 21:11
 Operator : CG/JU
 Sample : N1242-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124042

Quant Time: Jan 25 03:15:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

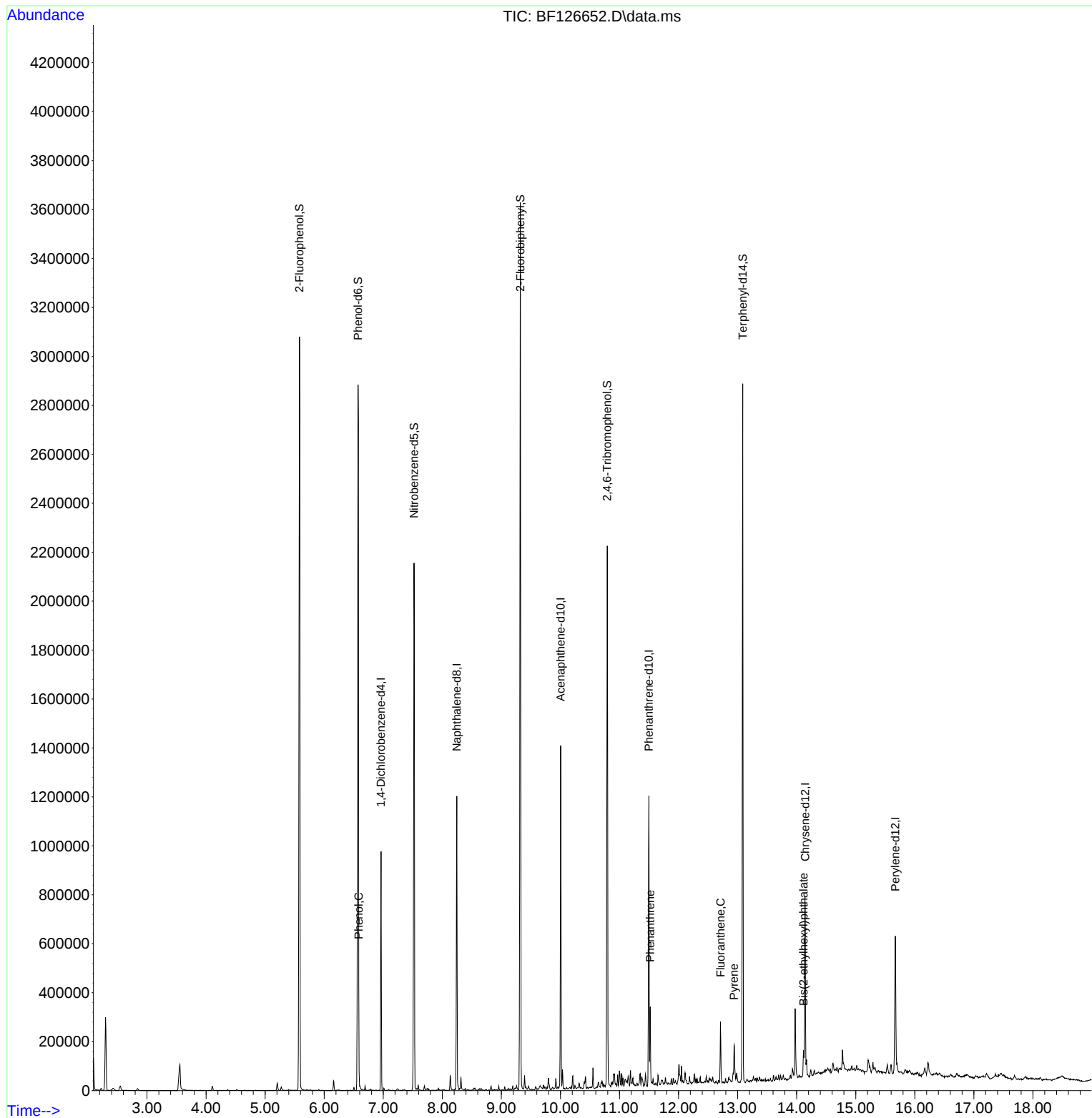
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	116779	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	448683	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	244814	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	382912	20.000	ng	0.00
76) Chrysene-d12	14.145	240	234079	20.000	ng	# 0.00
86) Perylene-d12	15.668	264	240713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	856939	96.562	ng	0.00
7) Phenol-d6	6.575	99	1153247	93.532	ng	0.00
23) Nitrobenzene-d5	7.522	82	852283	74.349	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	216773	94.616	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	986625	61.721	ng	0.00
79) Terphenyl-d14	13.086	244	820846	58.817	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.586	94	31314	2.388	ng	81
71) Phenanthrene	11.521	178	100946	4.614	ng	99
75) Fluoranthene	12.710	202	79583	3.683	ng	97
78) Pyrene	12.939	202	58410	3.086	ng	99
84) Bis(2-ethylhexyl)phtha...	14.115	149	24778	2.225	ng	98

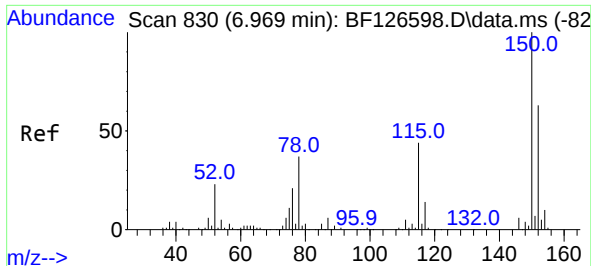
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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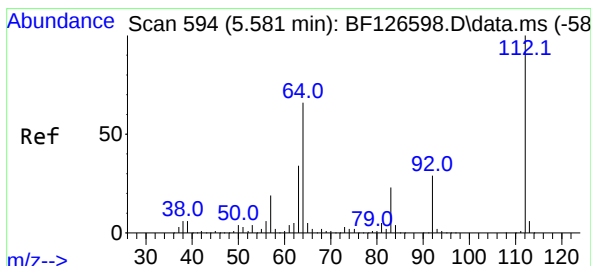
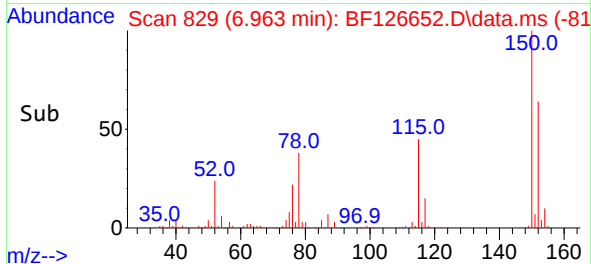
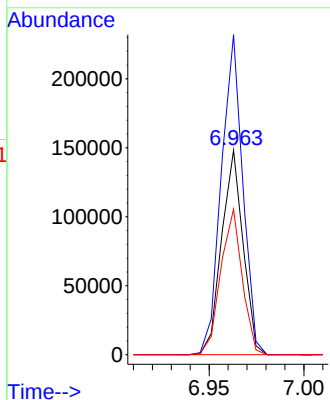
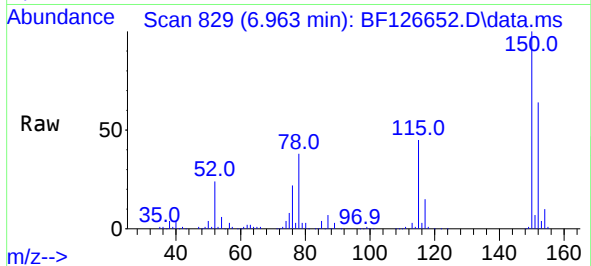




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

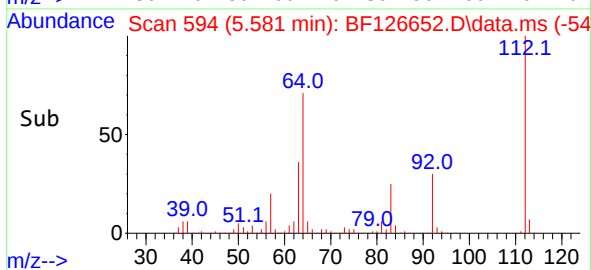
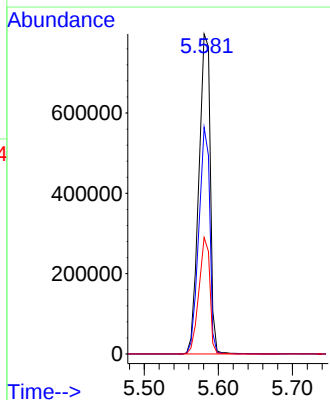
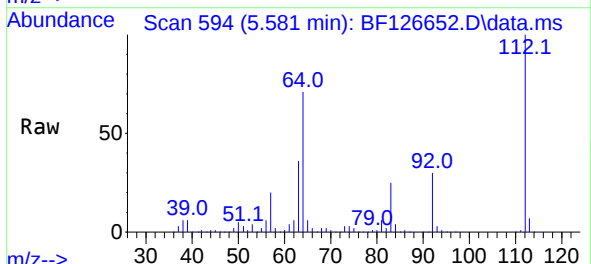
Instrument :
BNA_F
ClientSampleId :
PSC-124042

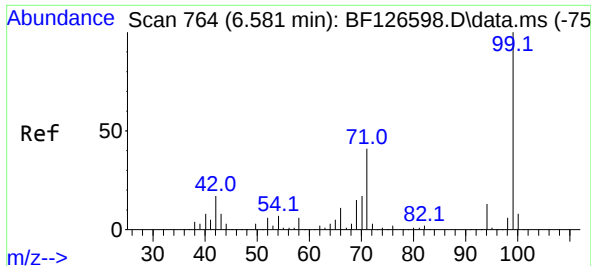
Tgt Ion:152 Resp: 116779
Ion Ratio Lower Upper
152 100
150 156.5 128.1 192.1
115 71.1 56.7 85.1



#5
2-Fluorophenol
Concen: 96.562 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

Tgt Ion:112 Resp: 856939
Ion Ratio Lower Upper
112 100
64 70.8 49.5 74.3
63 36.4 23.9 35.9#

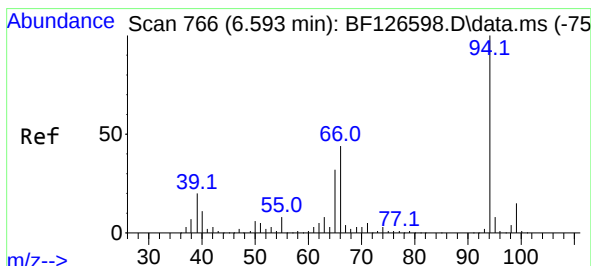
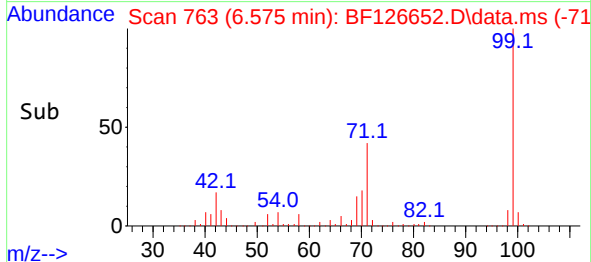
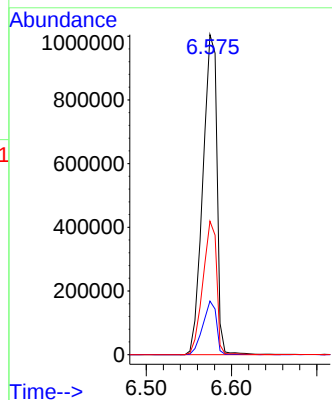
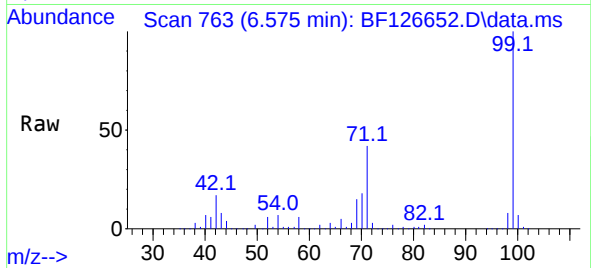




#7
Phenol-d6
Concen: 93.532 ng
RT: 6.575 min Scan# 7
Delta R.T. -0.006 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

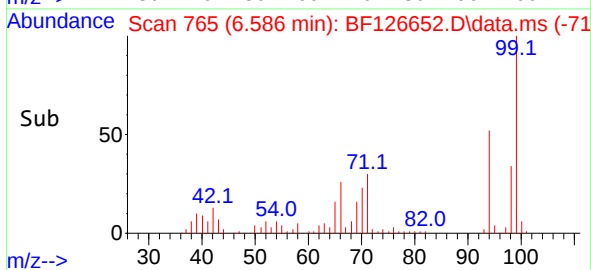
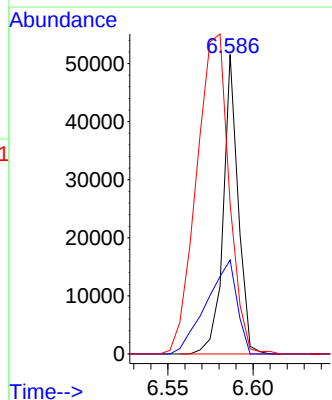
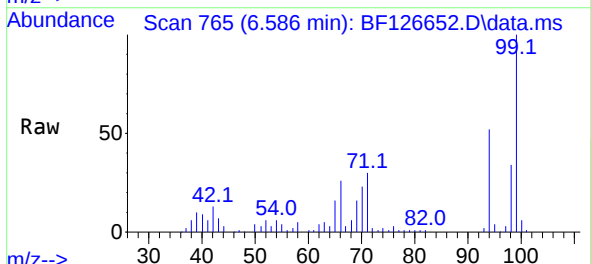
Instrument :
BNA_F
ClientSampleId :
PSC-124042

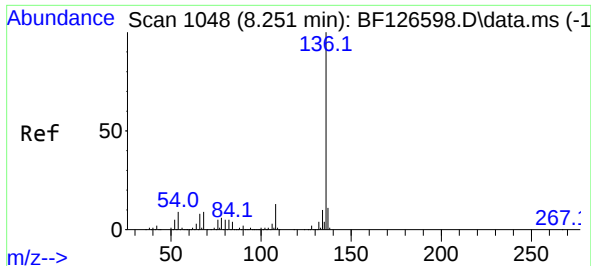
Tgt Ion: 99 Resp: 1153247
Ion Ratio Lower Upper
99 100
42 16.8 14.2 21.4
71 41.7 24.3 36.5#



#10
Phenol
Concen: 2.388 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

Tgt Ion: 94 Resp: 31314
Ion Ratio Lower Upper
94 100
65 31.4 7.2 47.2
66 50.1 14.5 54.5



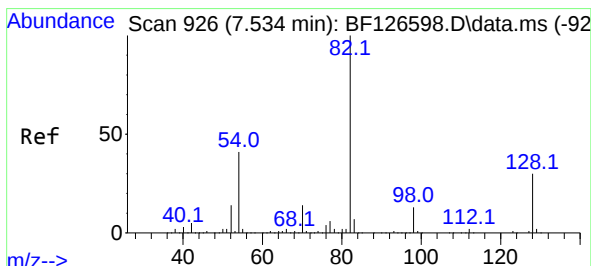
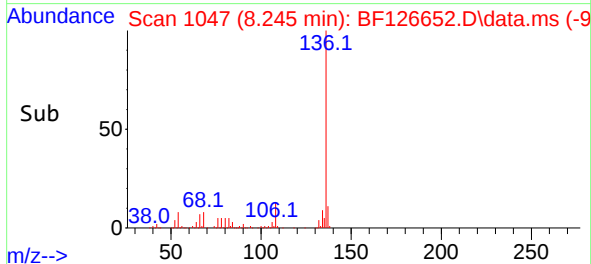
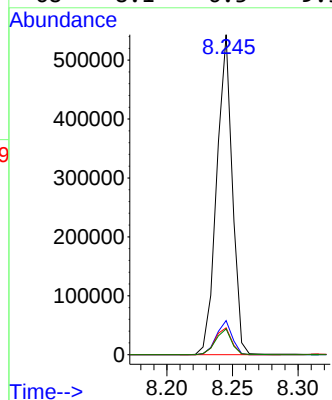
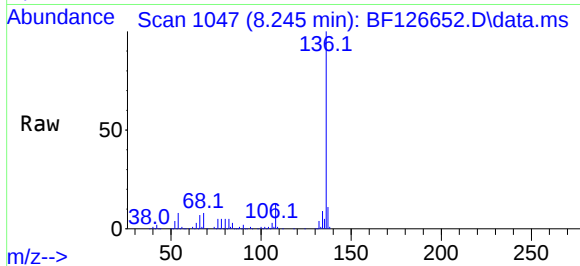


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

Instrument :
BNA_F
ClientSampleId :
PSC-124042

Tgt Ion:136 Resp: 448683

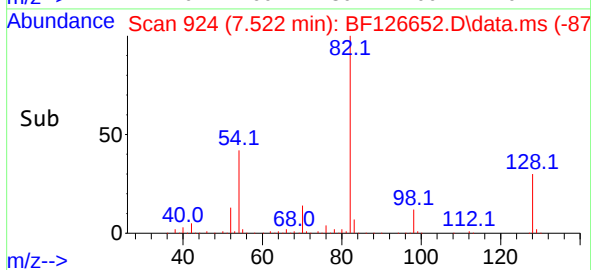
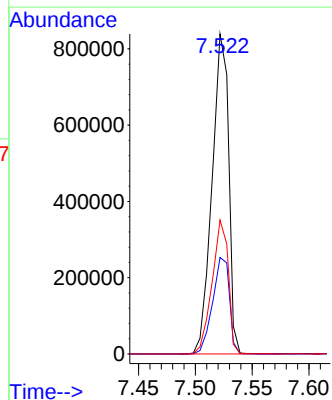
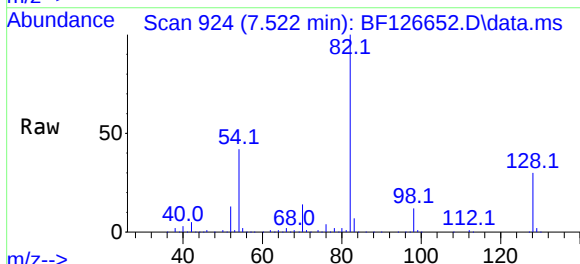
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.4	7.8	11.6
68	8.1	6.3	9.5

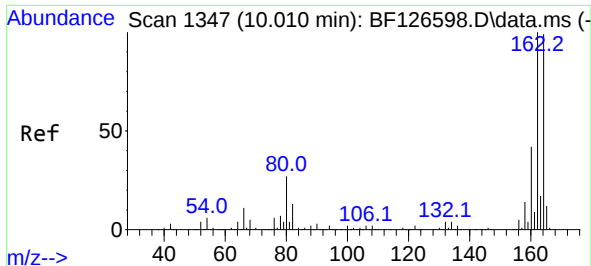


#23
Nitrobenzene-d5
Concen: 74.349 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.012 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

Tgt Ion: 82 Resp: 852283

Ion	Ratio	Lower	Upper
82	100		
128	30.2	32.7	49.1#
54	41.8	41.7	62.5

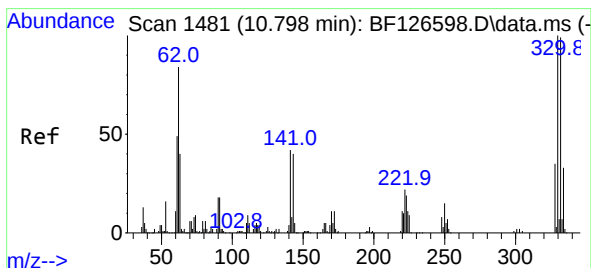
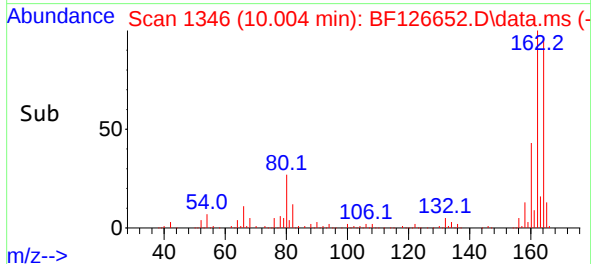
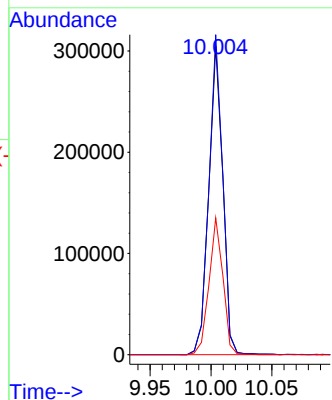
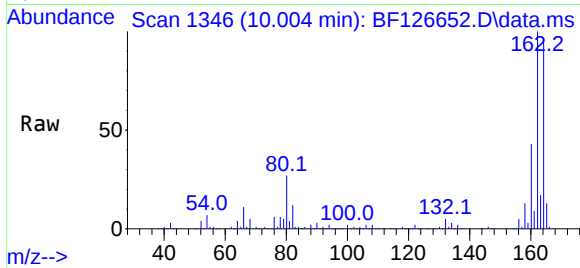




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

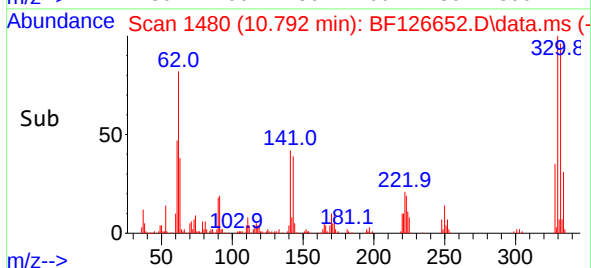
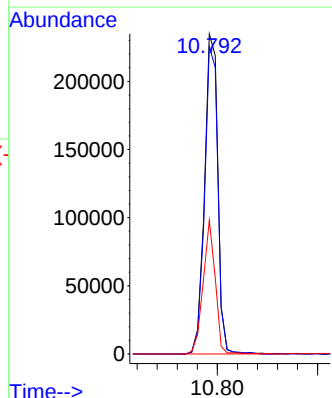
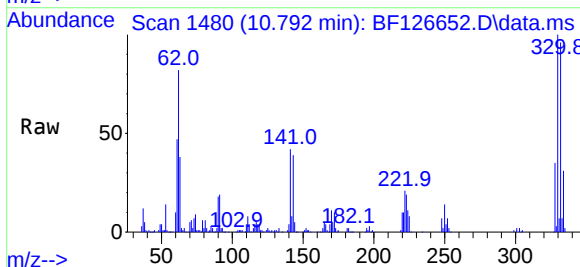
Instrument :
BNA_F
ClientSampleId :
PSC-124042

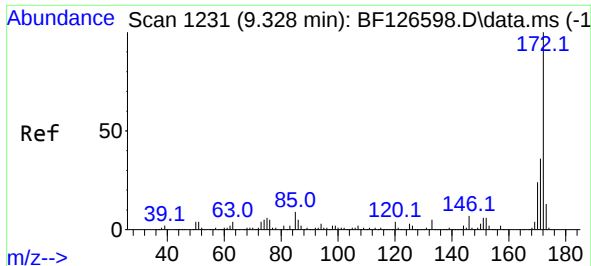
Tgt Ion:164 Resp: 244814
Ion Ratio Lower Upper
164 100
162 103.8 81.4 122.0
160 44.4 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 94.616 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

Tgt Ion:330 Resp: 216773
Ion Ratio Lower Upper
330 100
332 95.7 76.0 114.0
141 38.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 61.721 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126652.D

Acq: 24 Jan 2022 21:11

Instrument :

BNA_F

ClientSampleId :

PSC-124042

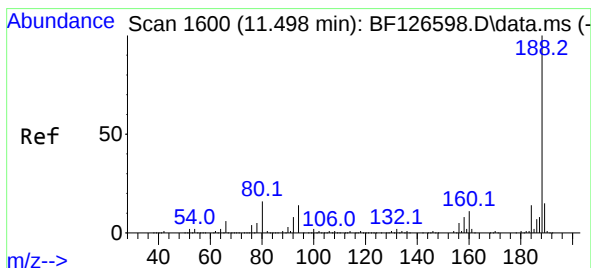
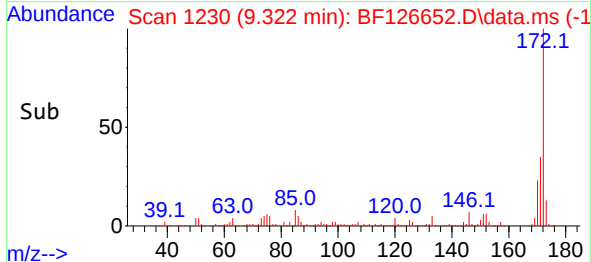
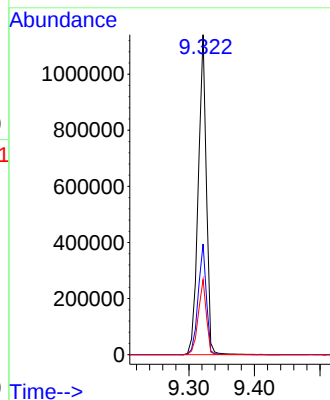
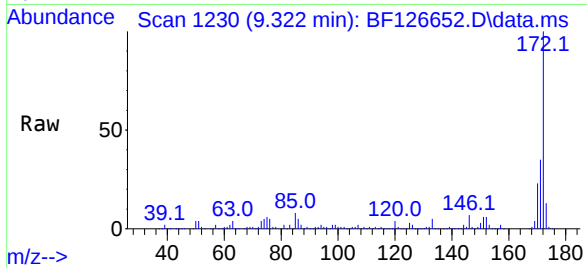
Tgt Ion:172 Resp: 986625

Ion Ratio Lower Upper

172 100

171 34.6 28.3 42.5

170 23.5 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.498 min Scan# 1600

Delta R.T. -0.000 min

Lab File: BF126652.D

Acq: 24 Jan 2022 21:11

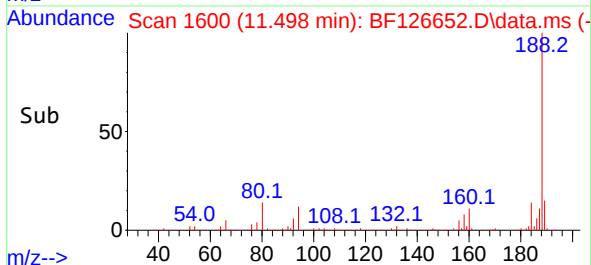
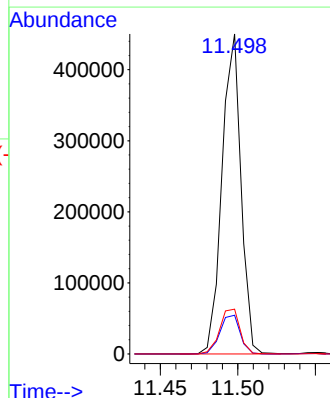
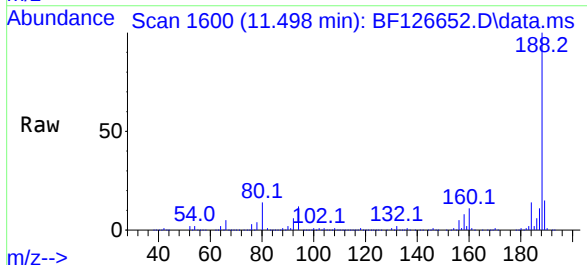
Tgt Ion:188 Resp: 382912

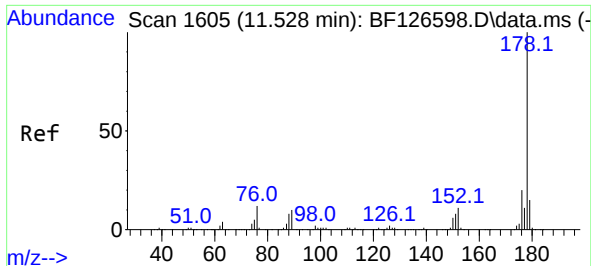
Ion Ratio Lower Upper

188 100

94 12.1 10.1 15.1

80 14.0 11.8 17.6

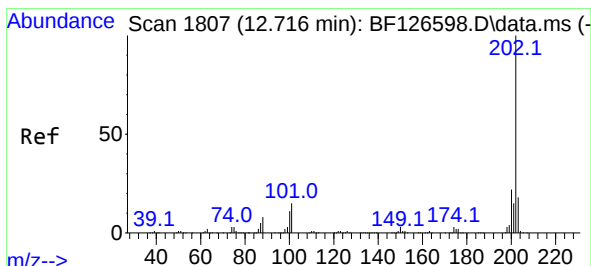
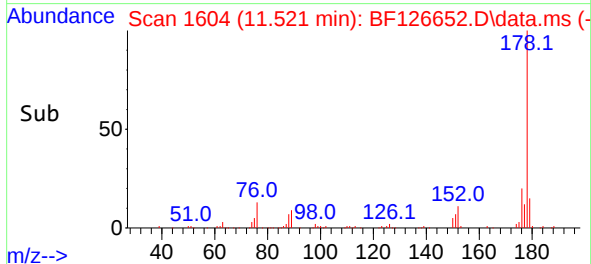
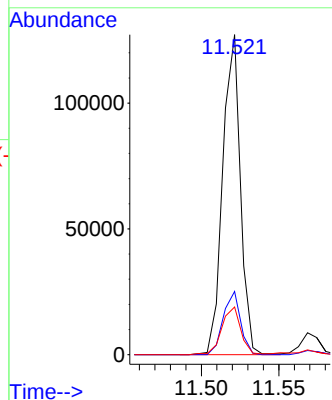
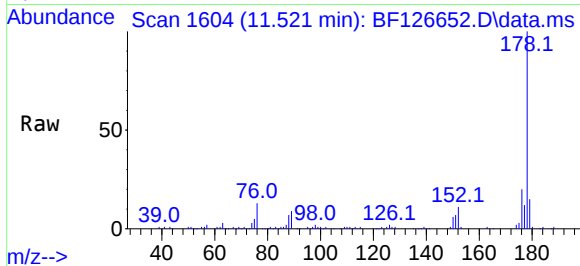




#71
Phenanthrene
Concen: 4.614 ng
RT: 11.521 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

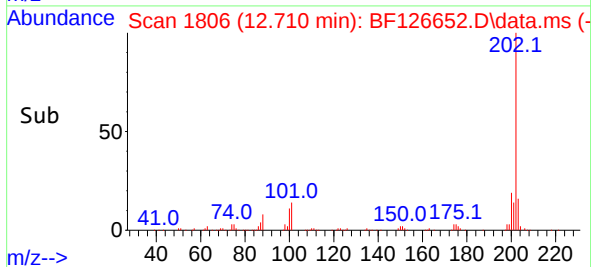
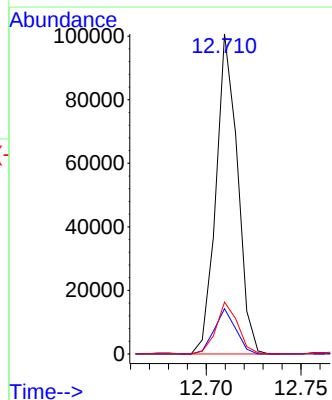
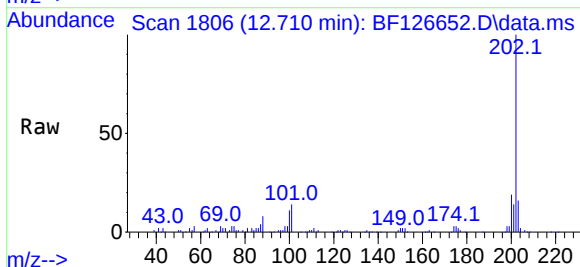
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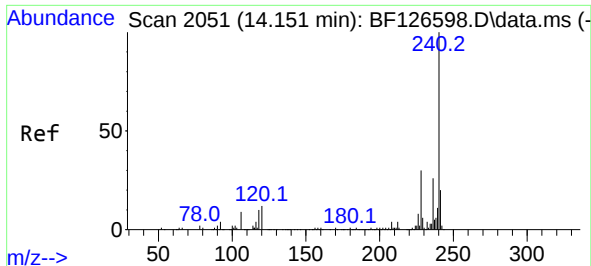
Tgt Ion:178 Resp: 100946
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 14.9 12.3 18.5



#75
Fluoranthene
Concen: 3.683 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.006 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

Tgt Ion:202 Resp: 79583
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.7
203 16.2 0.0 37.1

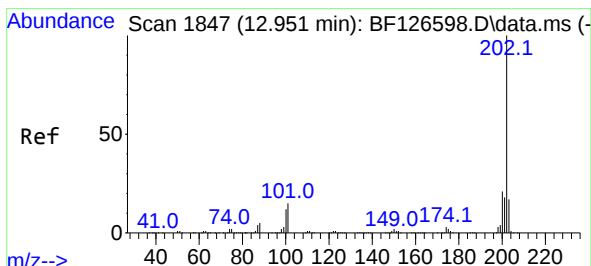
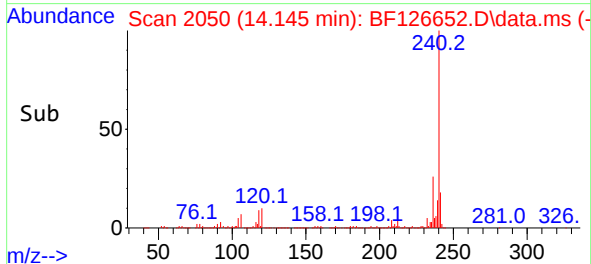
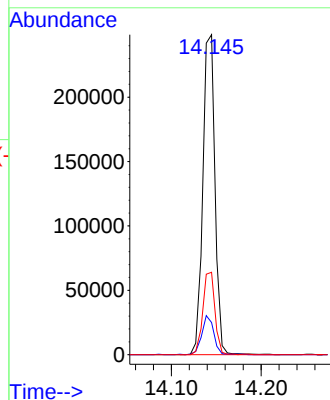
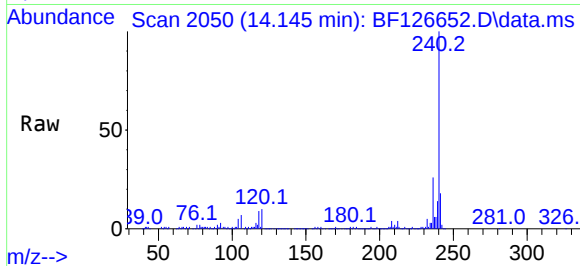




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.006 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

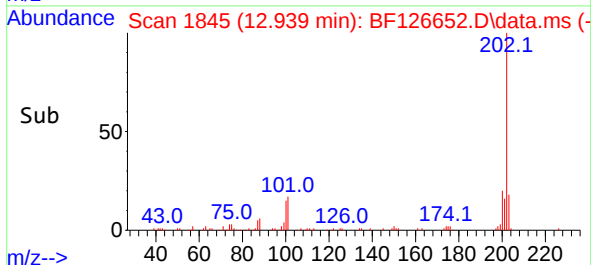
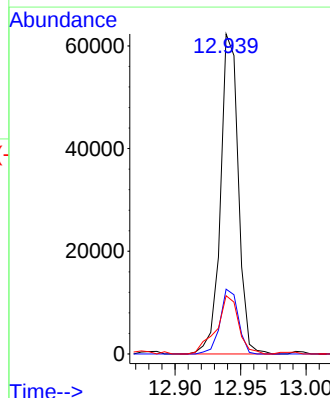
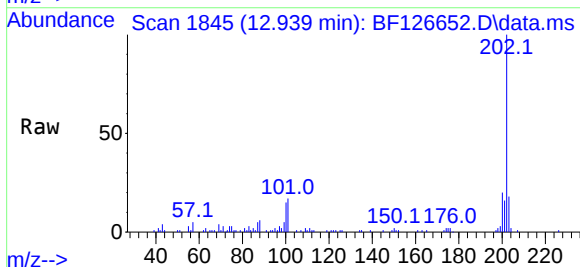
Instrument :
BNA_F
ClientSampleId :
PSC-124042

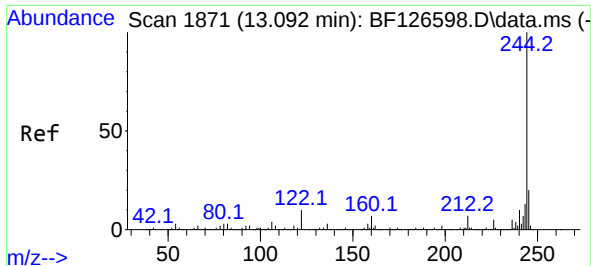
Tgt Ion:240 Resp: 234079
Ion Ratio Lower Upper
240 100
120 10.1 14.4 21.6#
236 25.8 20.5 30.7



#78
Pyrene
Concen: 3.086 ng
RT: 12.939 min Scan# 1845
Delta R.T. -0.012 min
Lab File: BF126652.D
Acq: 24 Jan 2022 21:11

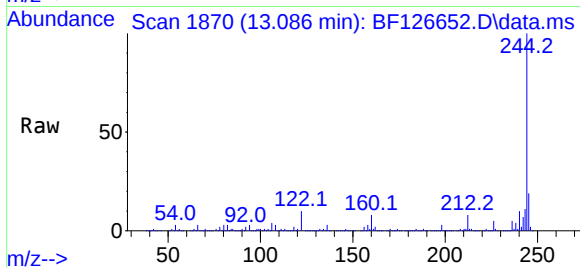
Tgt Ion:202 Resp: 58410
Ion Ratio Lower Upper
202 100
200 20.3 16.6 24.8
203 18.2 13.8 20.8



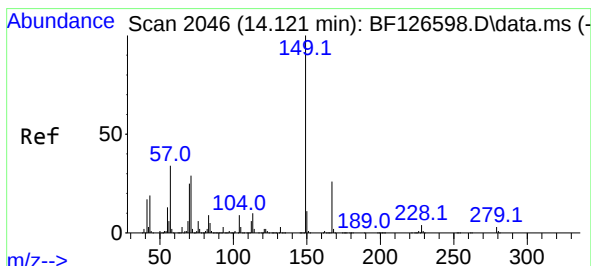
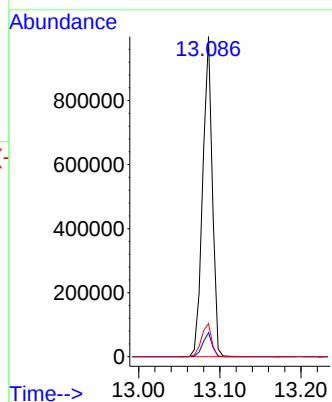
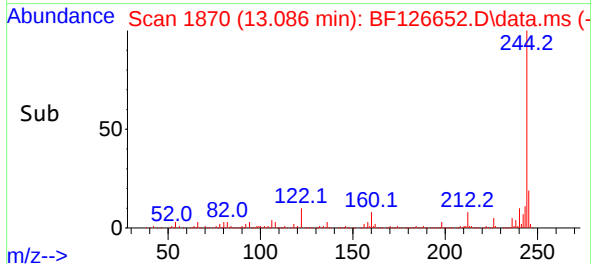


#79
 Terphenyl-d14
 Concen: 58.817 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126652.D
 Acq: 24 Jan 2022 21:11

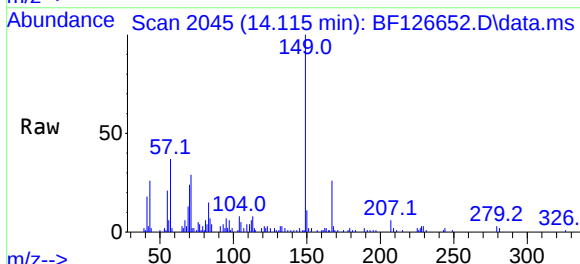
Instrument :
 BNA_F
 ClientSampleId :
 PSC-124042



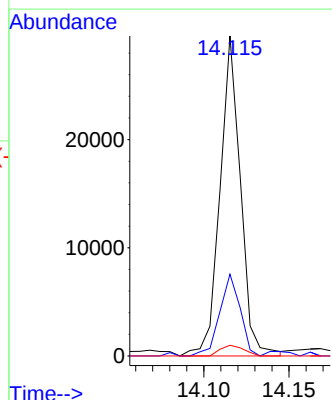
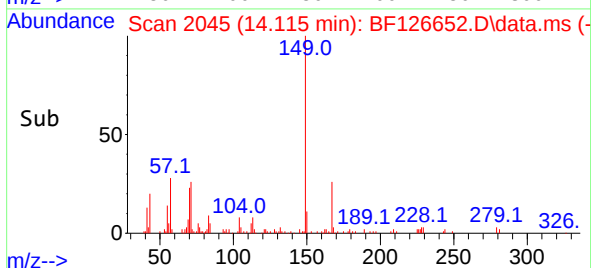
Tgt Ion:244 Resp: 820846
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.0 7.4#
 122 10.3 13.3 19.9#

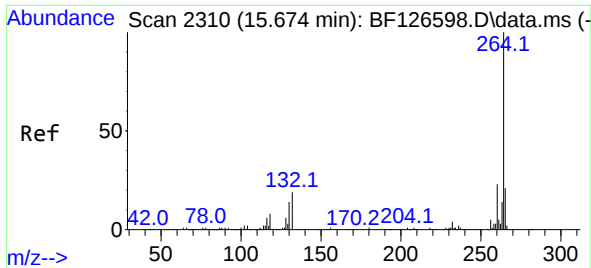


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.225 ng
 RT: 14.115 min Scan# 2045
 Delta R.T. -0.006 min
 Lab File: BF126652.D
 Acq: 24 Jan 2022 21:11



Tgt Ion:149 Resp: 24778
 Ion Ratio Lower Upper
 149 100
 167 25.5 21.4 32.2
 279 3.3 2.4 3.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF126652.D
 Acq: 24 Jan 2022 21:11

Instrument :
 BNA_F
 ClientSampleId :
 PSC-124042

Tgt Ion:264 Resp: 240713
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 20.2 17.4 26.2

