

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112024\
 Data File : BF140489.D
 Acq On : 20 Nov 2024 09:57
 Operator : RC/JU
 Sample : PB165039BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BL

Quant Time: Nov 20 10:35:59 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

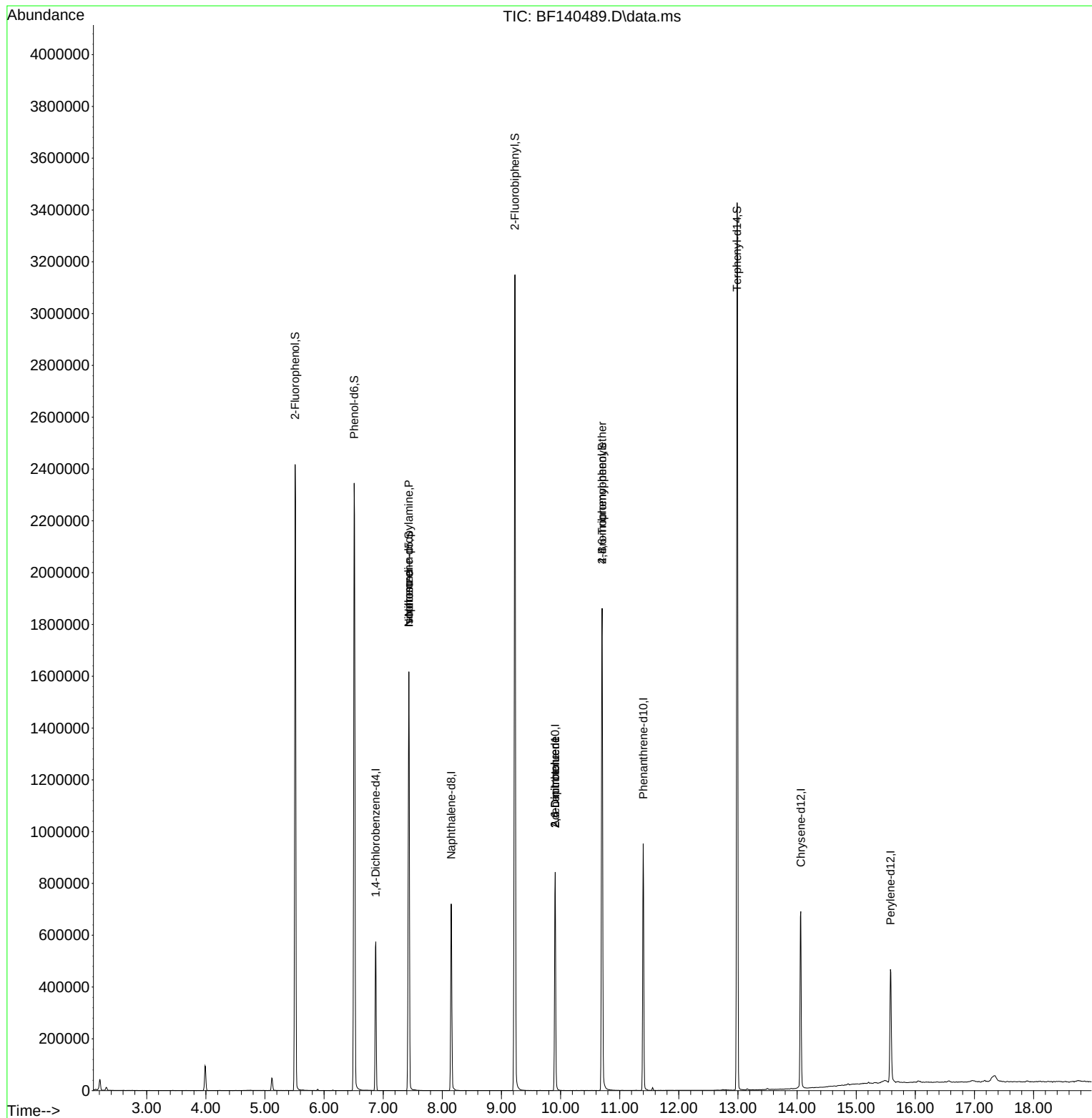
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	125559	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	478277	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	268353	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	515282	20.000	ng	0.00
76) Chrysene-d12	14.063	240	344131	20.000	ng	0.01
86) Perylene-d12	15.580	264	286700	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	920453	125.166	ng	0.02
7) Phenol-d6	6.510	99	1197514	120.192	ng	0.00
23) Nitrobenzene-d5	7.434	82	796733	86.795	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	341455	127.955	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1506509	90.246	ng	0.00
79) Terphenyl-d14	12.986	244	1726980	87.109	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	105312	17.501	ng	# 77
25) Isophorone	7.434	82	790798	48.608	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	34913	8.755	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	34907	6.651	ng	# 20
67) 4-Bromophenyl-phenylether	10.704	248	21271	4.130	ng	# 1

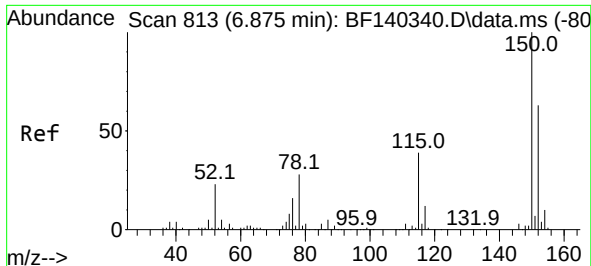
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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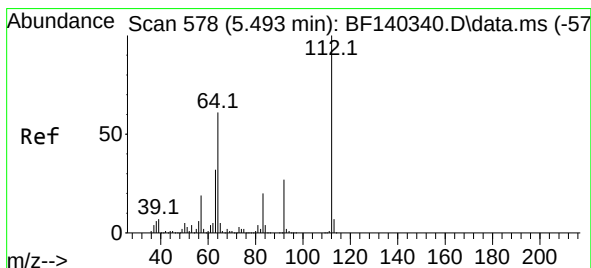
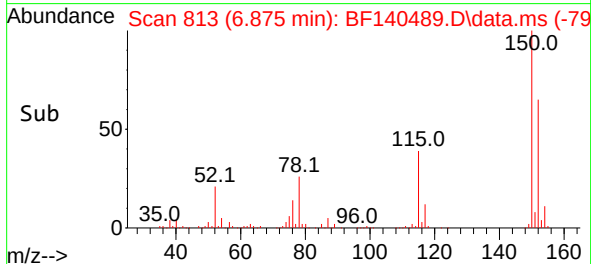
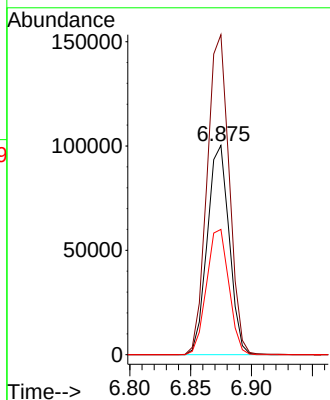
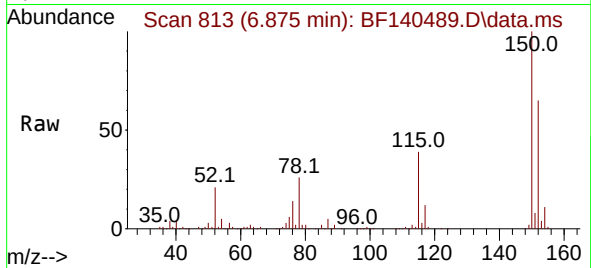




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

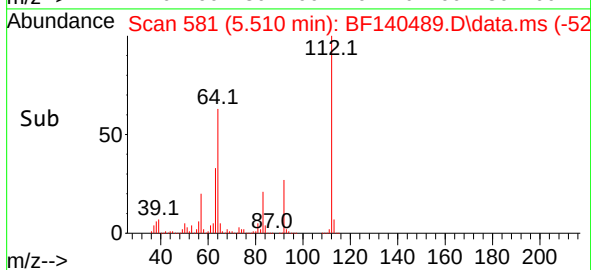
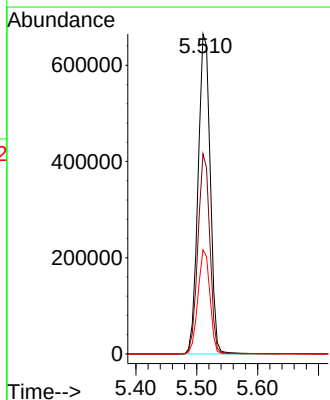
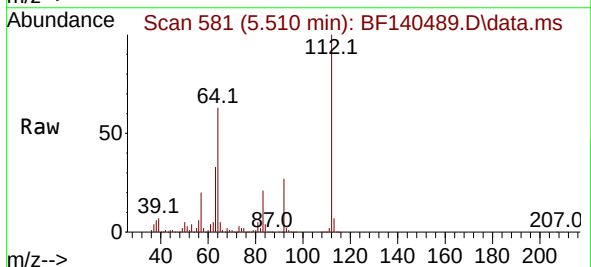
Instrument :
BNA_F
ClientSampleId :
PB165039BL

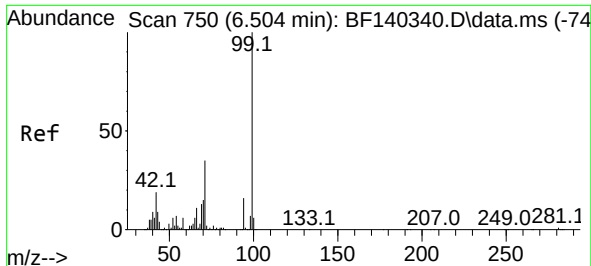
Tgt Ion:152 Resp: 125559
Ion Ratio Lower Upper
152 100
150 152.9 127.4 191.0
115 59.9 47.4 71.2



#5
2-Fluorophenol
Concen: 125.166 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

Tgt Ion:112 Resp: 920453
Ion Ratio Lower Upper
112 100
64 62.5 49.2 73.8
63 32.5 25.6 38.4

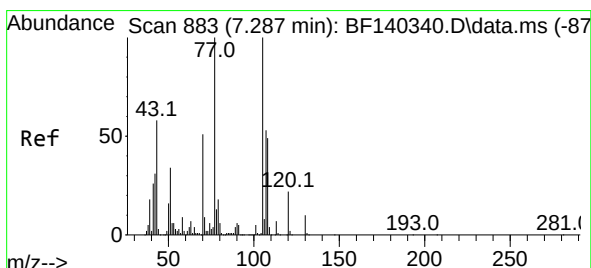
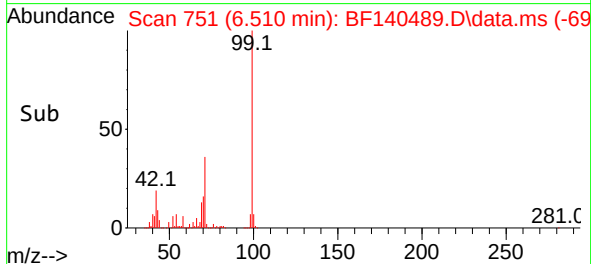
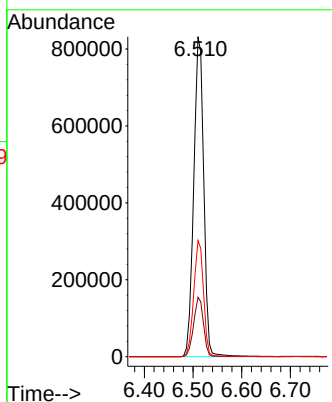
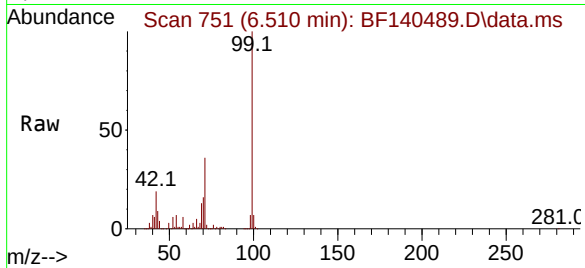




#7
Phenol-d6
Concen: 120.192 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

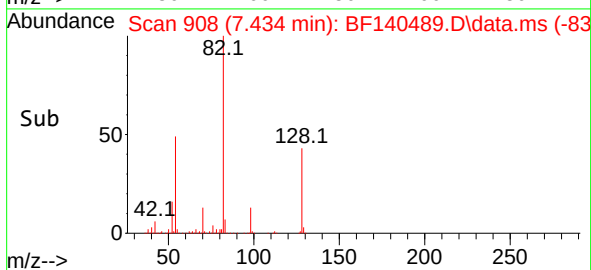
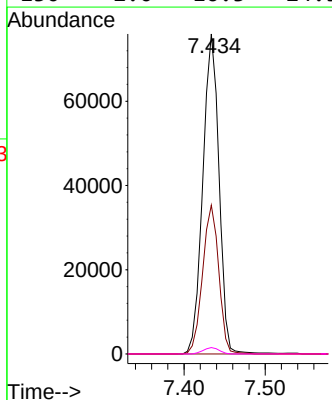
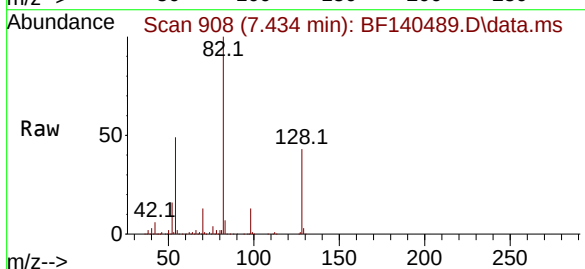
Instrument :
BNA_F
ClientSampleId :
PB165039BL

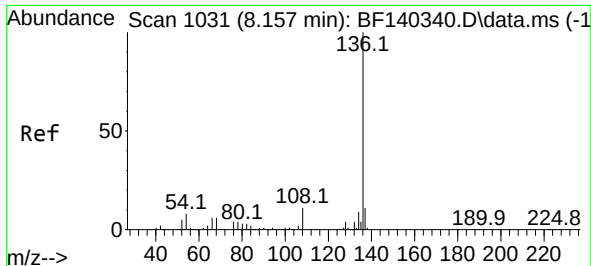
Tgt Ion: 99 Resp: 1197514
Ion Ratio Lower Upper
99 100
42 18.6 15.1 22.7
71 36.3 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.501 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

Tgt Ion: 70 Resp: 105312
Ion Ratio Lower Upper
70 100
42 46.5 46.8 70.2#
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#

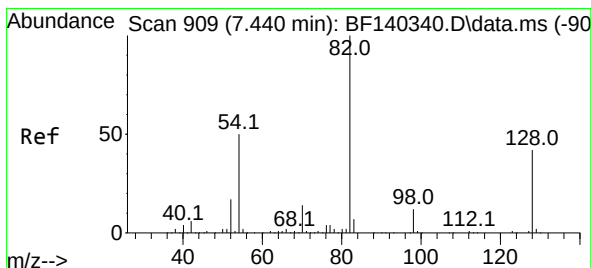
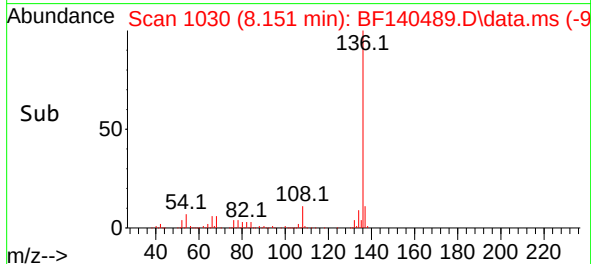
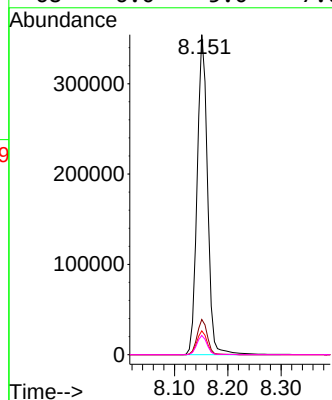
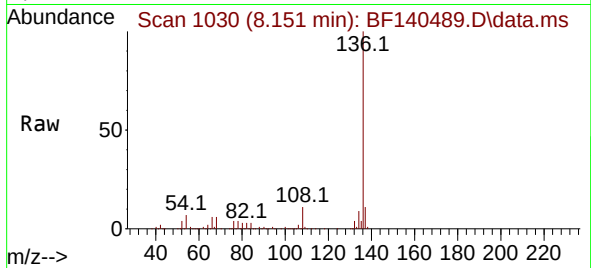




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

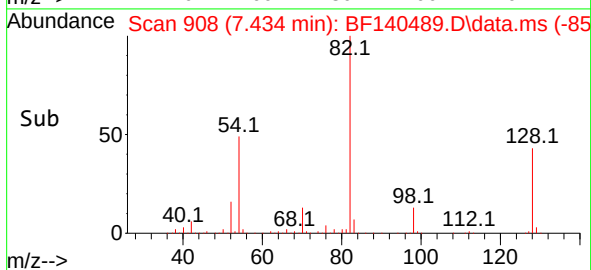
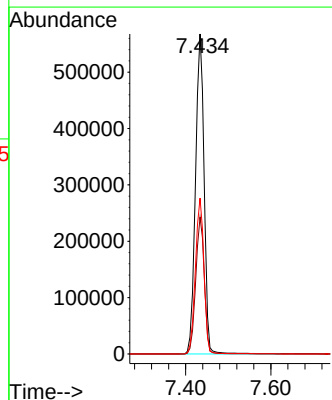
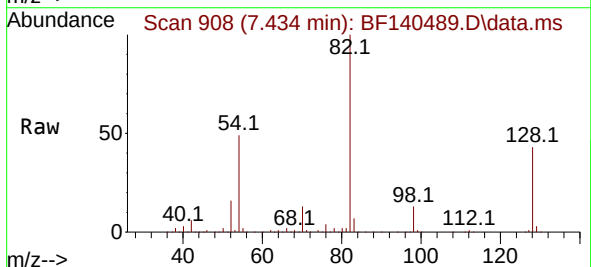
Instrument :
BNA_F
ClientSampleId :
PB165039BL

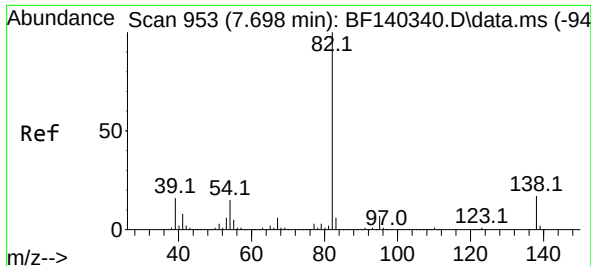
Tgt Ion:136 Resp: 478277
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.5 6.5 9.7
68 6.0 5.0 7.6



#23
Nitrobenzene-d5
Concen: 86.795 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

Tgt Ion: 82 Resp: 796733
Ion Ratio Lower Upper
82 100
128 42.8 33.3 49.9
54 48.7 39.8 59.8

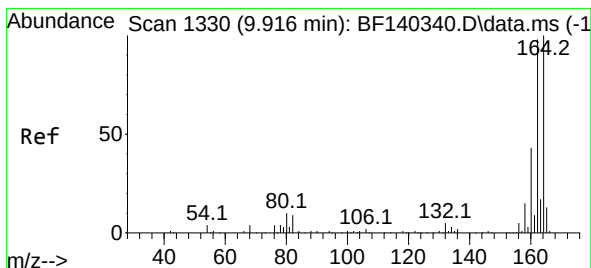
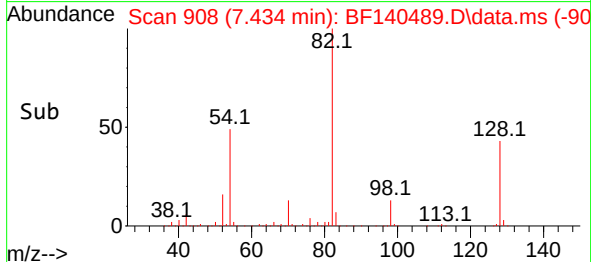
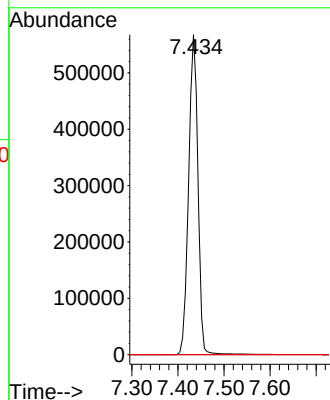
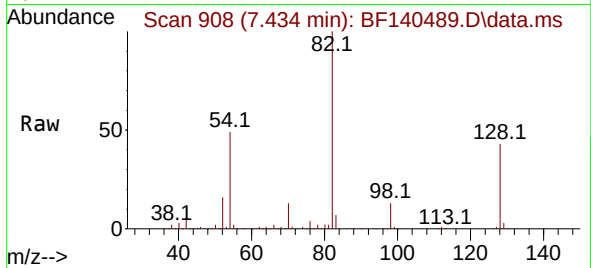




#25
Isophorone
Concen: 48.608 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

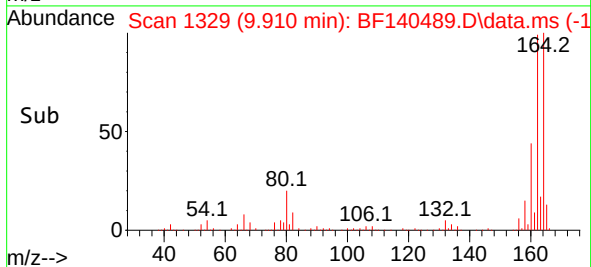
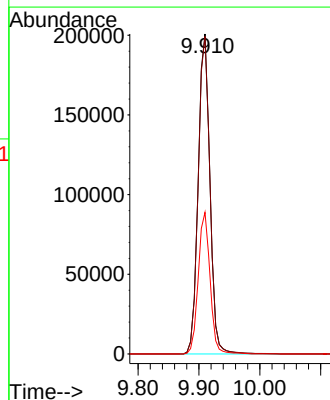
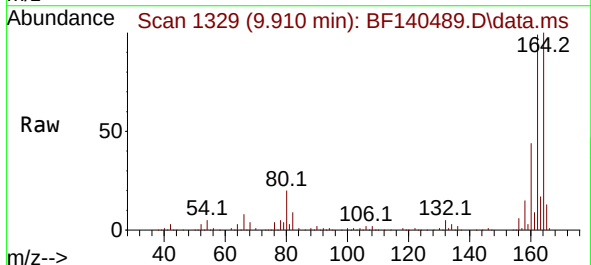
Instrument :
BNA_F
ClientSampleId :
PB165039BL

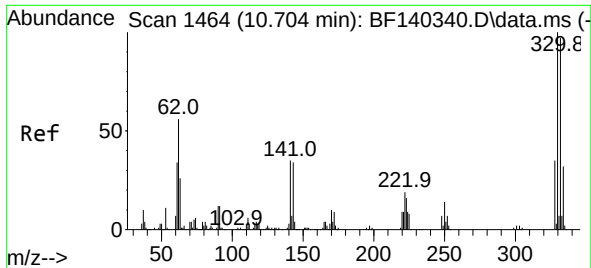
Tgt Ion: 82 Resp: 790798
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

Tgt Ion: 164 Resp: 268353
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 44.2 35.4 53.0

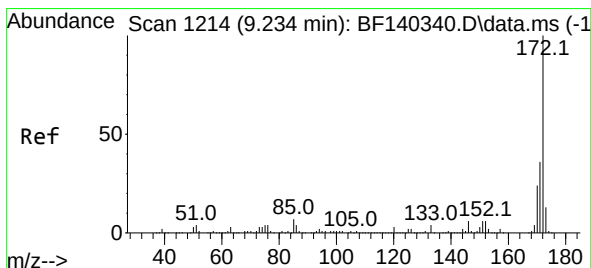
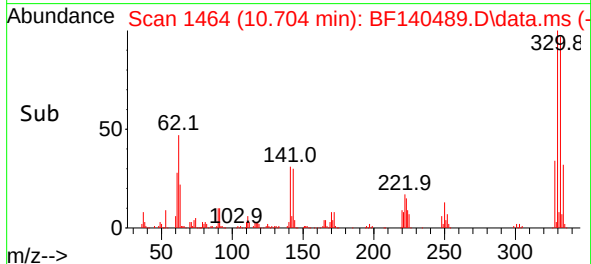
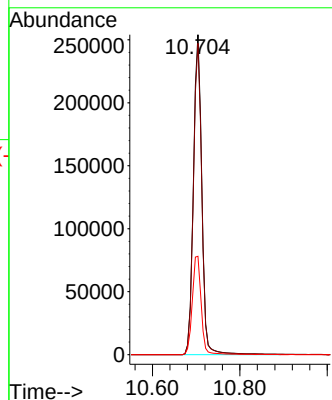
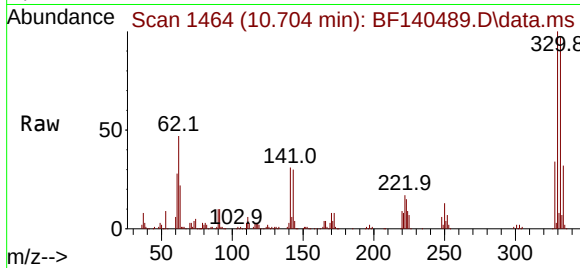




#42
2,4,6-Tribromophenol
Concen: 127.955 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

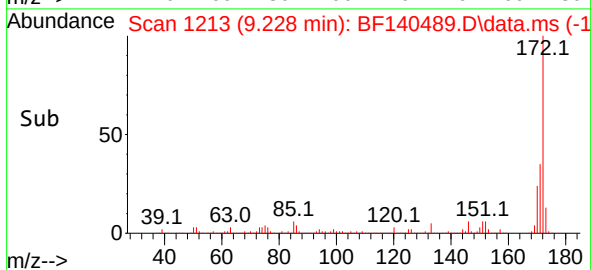
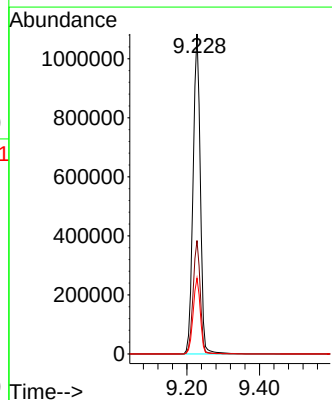
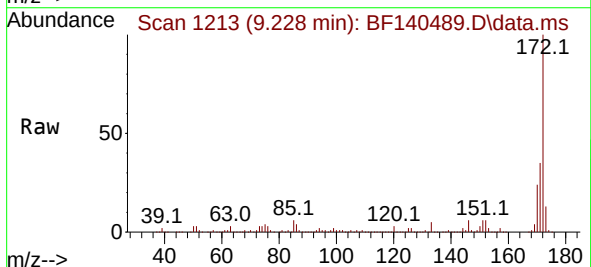
Instrument :
BNA_F
ClientSampleId :
PB165039BL

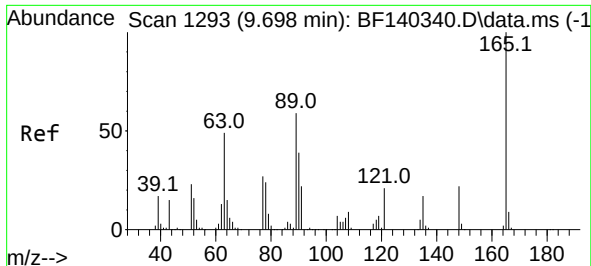
Tgt Ion: 330 Resp: 341455
Ion Ratio Lower Upper
330 100
332 97.2 75.9 113.9
141 32.5 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 90.246 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

Tgt Ion: 172 Resp: 1506509
Ion Ratio Lower Upper
172 100
171 35.4 28.5 42.7
170 23.7 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 8.755 ng

RT: 9.910 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF140489.D

Acq: 20 Nov 2024 09:57

Instrument :

BNA_F

ClientSampleId :

PB165039BL

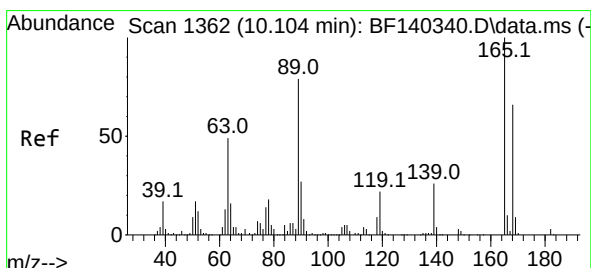
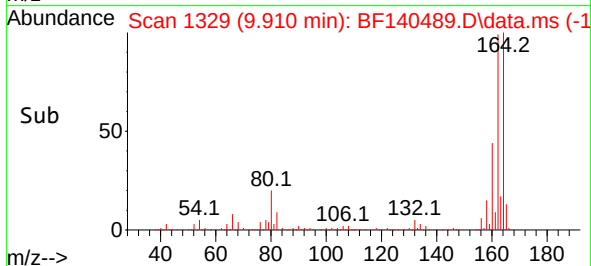
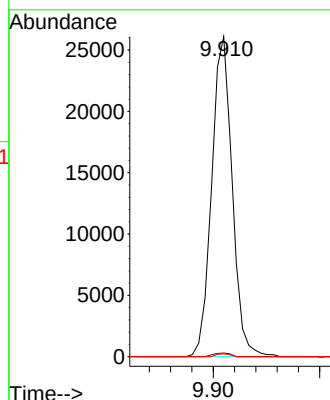
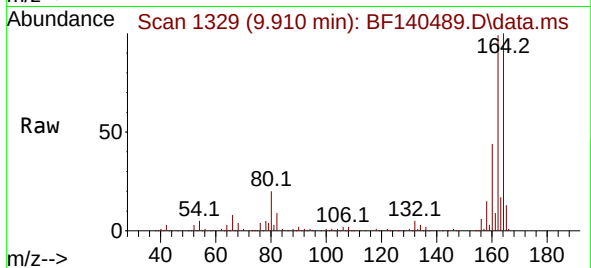
Tgt Ion:165 Resp: 34913

Ion Ratio Lower Upper

165 100

63 1.1 47.6 71.4#

89 0.8 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.651 ng

RT: 9.910 min Scan# 1329

Delta R.T. -0.194 min

Lab File: BF140489.D

Acq: 20 Nov 2024 09:57

Tgt Ion:165 Resp: 34907

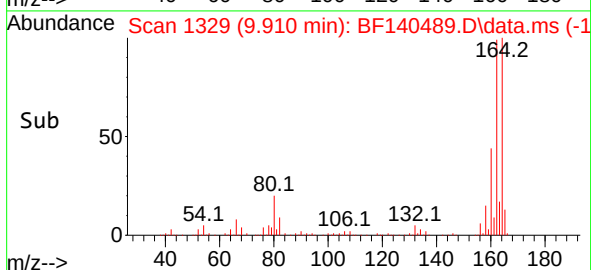
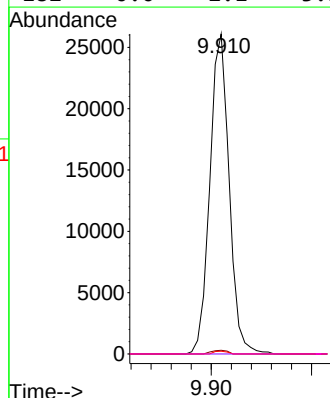
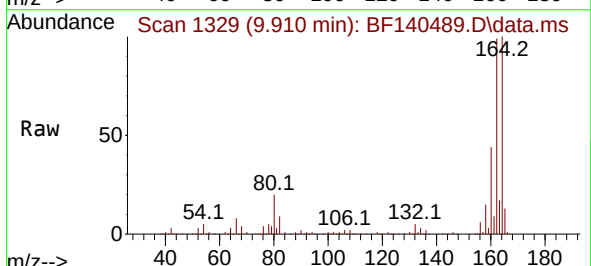
Ion Ratio Lower Upper

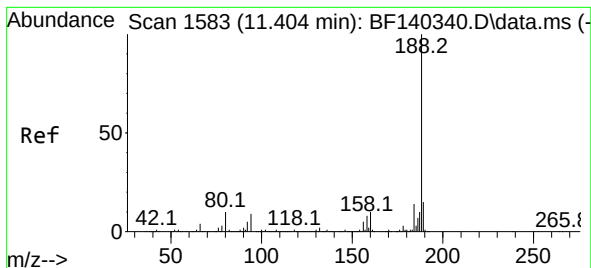
165 100

63 1.1 39.4 59.0#

89 0.8 62.4 93.6#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140489.D

Acq: 20 Nov 2024 09:57

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PB165039BL

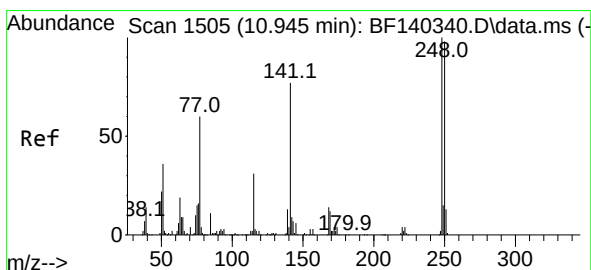
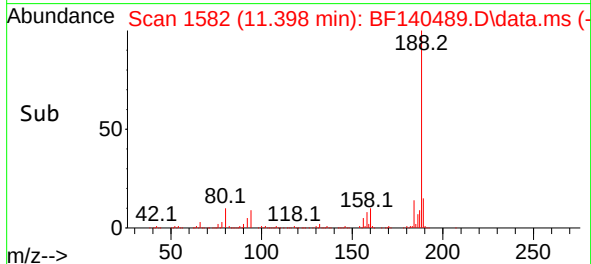
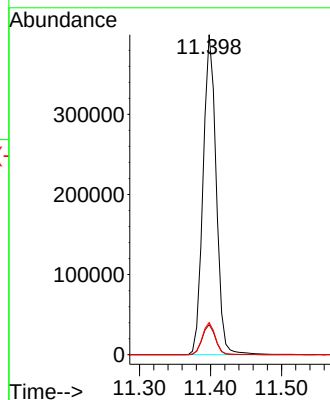
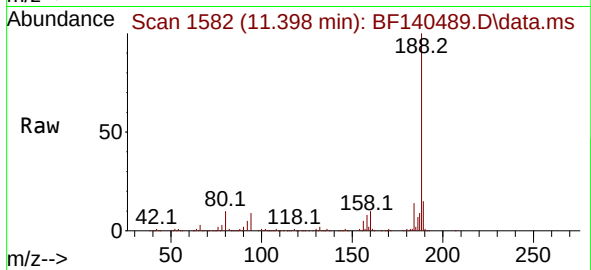
Tgt Ion:188 Resp: 515282

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.0 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.130 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140489.D

Acq: 20 Nov 2024 09:57

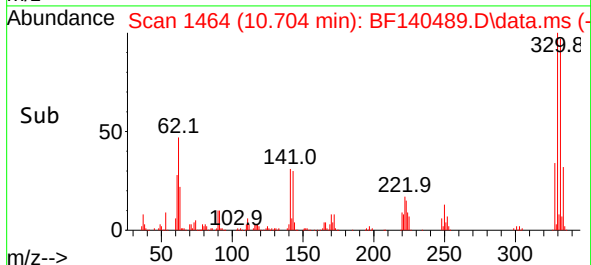
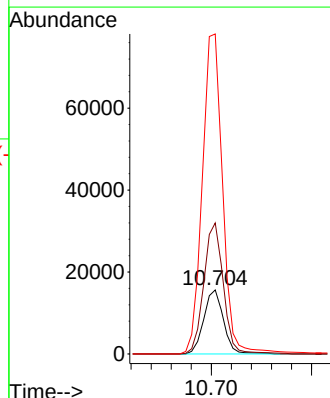
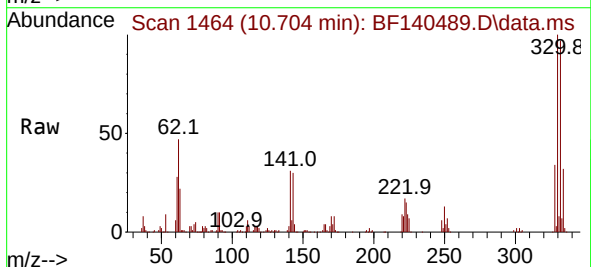
Tgt Ion:248 Resp: 21271

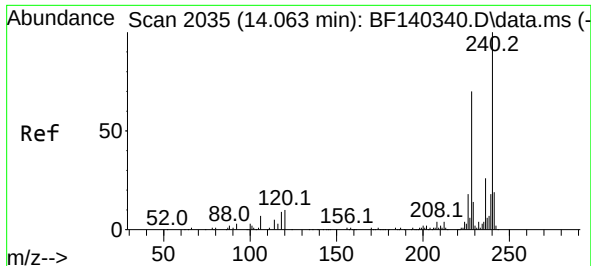
Ion Ratio Lower Upper

248 100

250 204.8 77.9 116.9#

141 500.1 61.8 92.6#

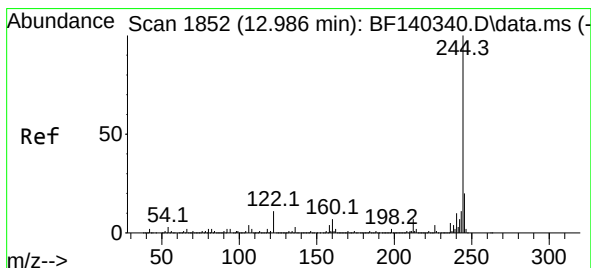
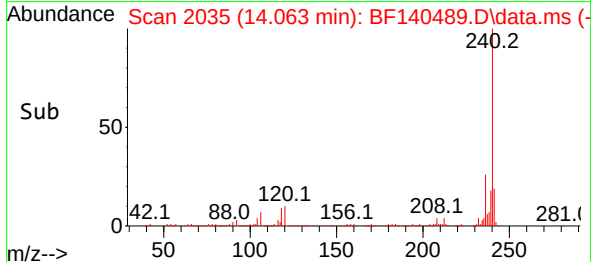
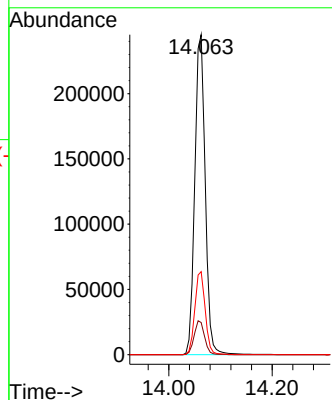
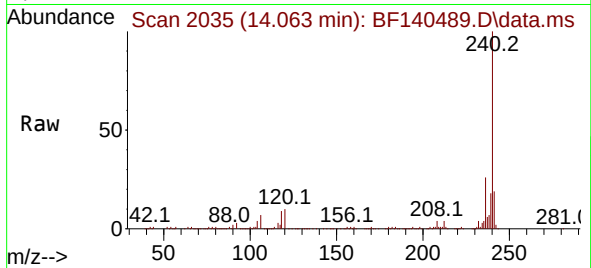




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

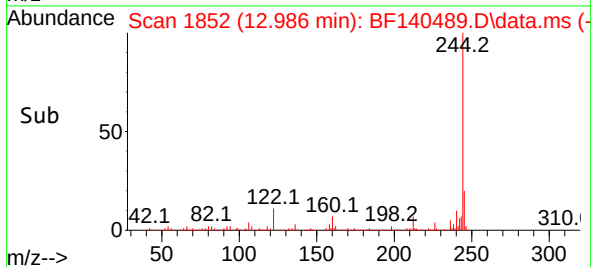
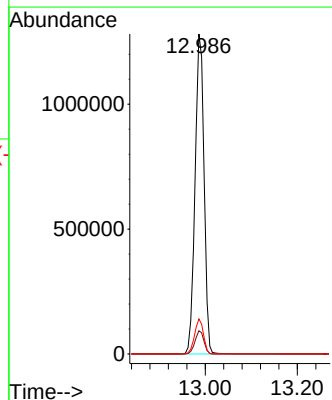
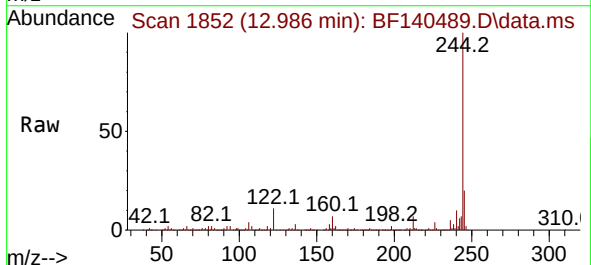
Instrument :
BNA_F
ClientSampleId :
PB165039BL

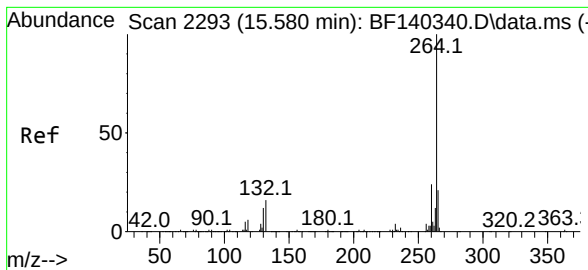
Tgt Ion:240 Resp: 344131
Ion Ratio Lower Upper
240 100
120 10.0 8.8 13.2
236 25.9 20.9 31.3



#79
Terphenyl-d14
Concen: 87.109 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140489.D
Acq: 20 Nov 2024 09:57

Tgt Ion:244 Resp: 1726980
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.0 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 21
 Delta R.T. 0.023 min
 Lab File: BF140489.D
 Acq: 20 Nov 2024 09:57

Instrument :
 BNA_F
 ClientSampleId :
 PB165039BL

Tgt Ion:264 Resp: 286700
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.2 17.1 25.7

