

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141686.D
 Acq On : 19 Feb 2025 20:39
 Operator : RC/JU
 Sample : Q1383-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-11-021725

Quant Time: Feb 20 00:14:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

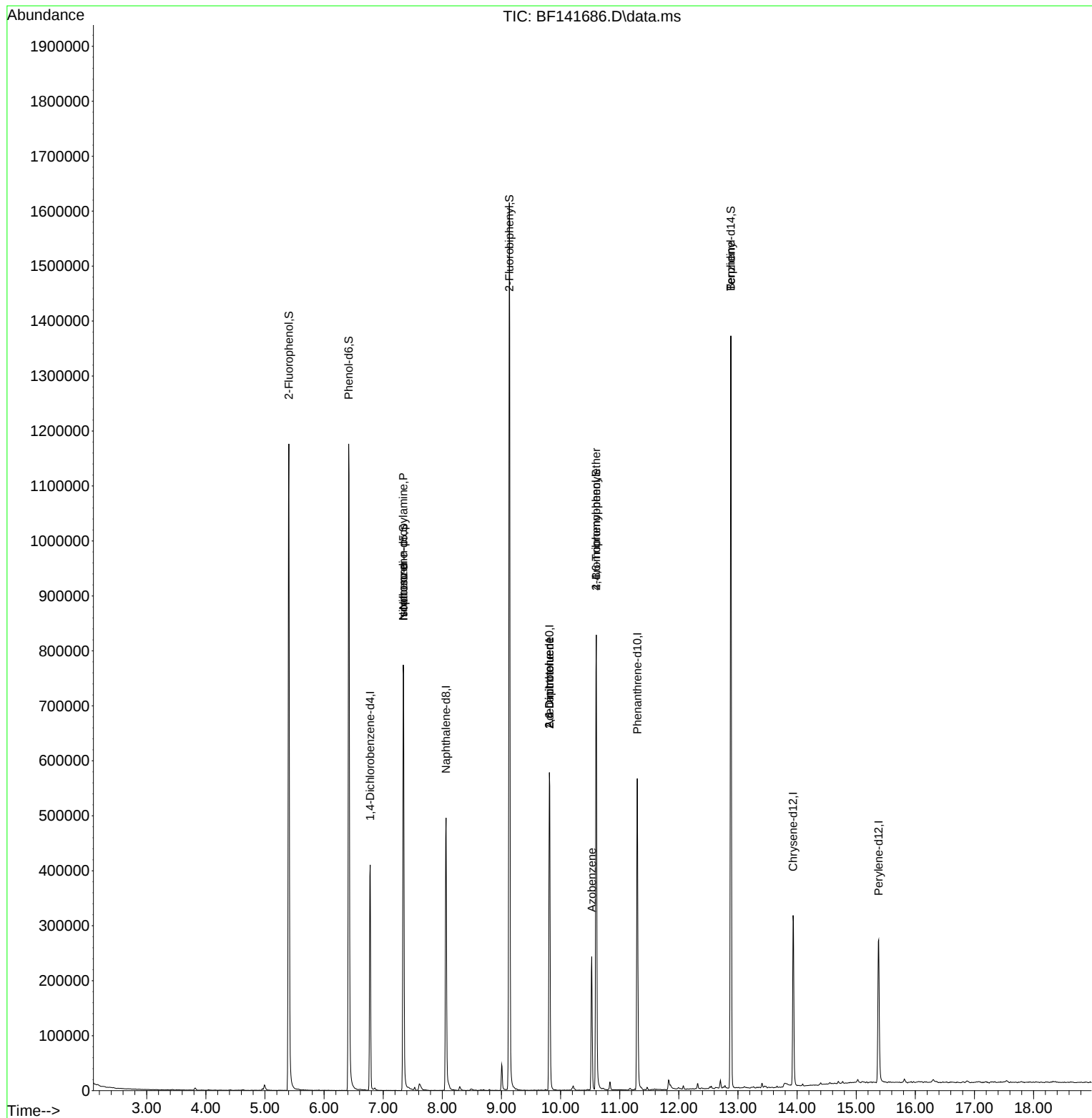
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	88276	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	353732	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	190080	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	316714	20.000	ng	-0.02
76) Chrysene-d12	13.933	240	169195	20.000	ng	-0.03
86) Perylene-d12	15.380	264	172083	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	459658	81.633	ng	0.00
7) Phenol-d6	6.416	99	570257	80.128	ng	-0.02
23) Nitrobenzene-d5	7.339	82	374170	55.172	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	141077	73.884	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	713461	57.828	ng	-0.02
79) Terphenyl-d14	12.880	244	667649	66.616	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.339	70	48587	11.413	ng	# 73
25) Isophorone	7.339	82	368150	34.045	ng	# 66
51) 2,6-Dinitrotoluene	9.810	165	24242	8.594	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	24242	6.455	ng	# 18
63) Azobenzene	10.528	77	62152	4.924	ng	# 1
67) 4-Bromophenyl-phenylether	10.604	248	9067	2.562	ng	# 1
77) Benzidine	12.880	184	8526	2.285	ng	# 86

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

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Quant Time: Feb 20 00:14:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

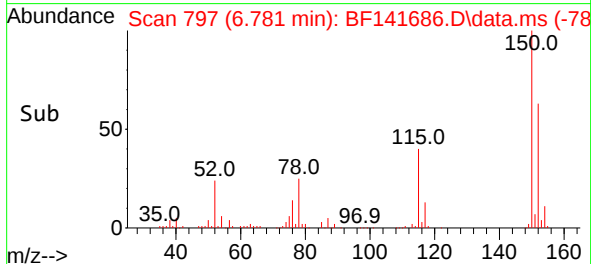
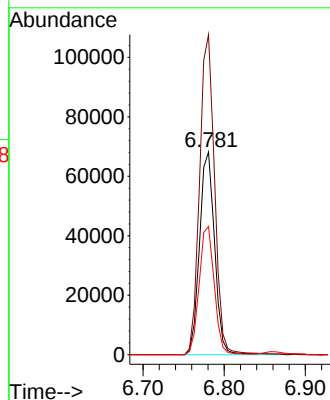
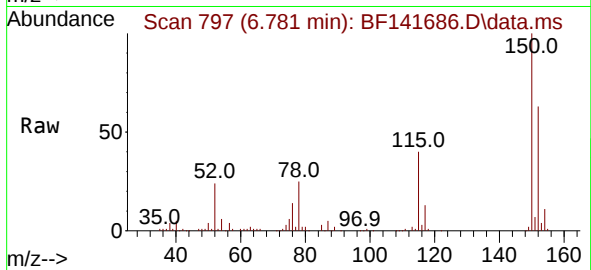




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141686.D
 Acq: 19 Feb 2025 20:39

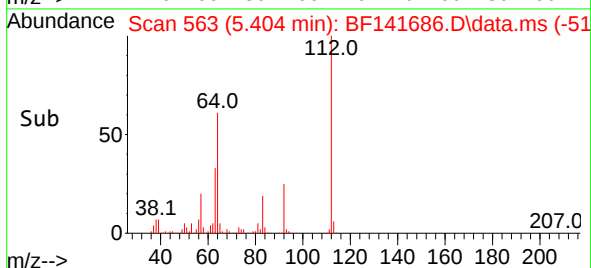
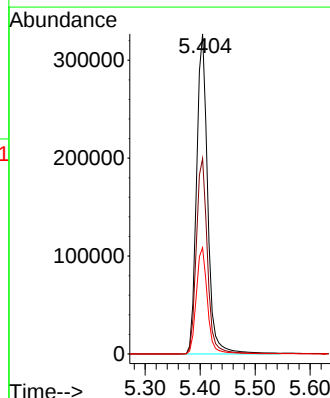
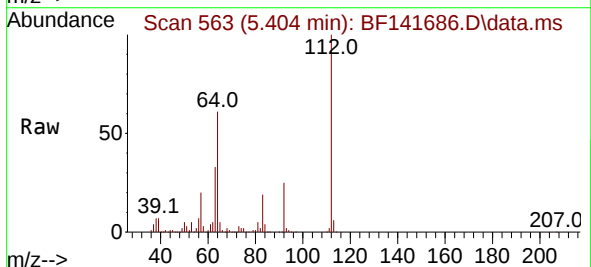
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-11-021725

Tgt Ion:152 Resp: 88276
 Ion Ratio Lower Upper
 152 100
 150 157.8 125.0 187.4
 115 63.2 53.6 80.4



#5
 2-Fluorophenol
 Concen: 81.633 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141686.D
 Acq: 19 Feb 2025 20:39

Tgt Ion:112 Resp: 459658
 Ion Ratio Lower Upper
 112 100
 64 61.1 51.1 76.7
 63 33.2 28.4 42.6

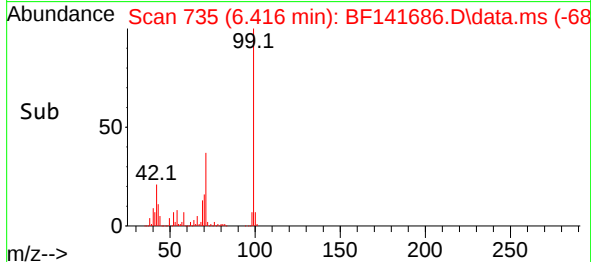
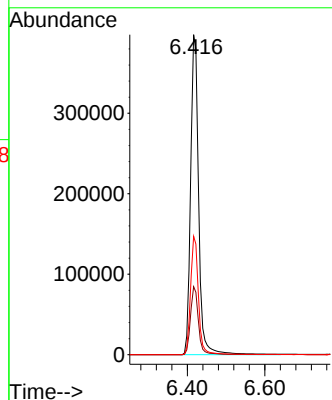
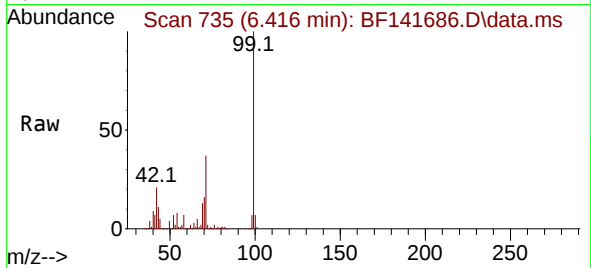




#7
Phenol-d6
Concen: 80.128 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

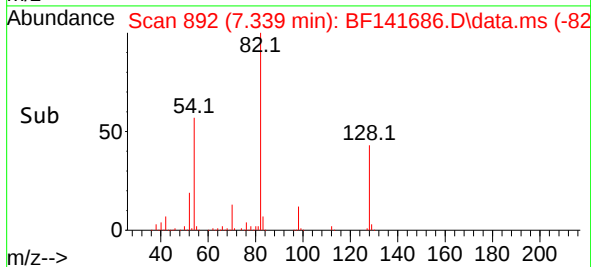
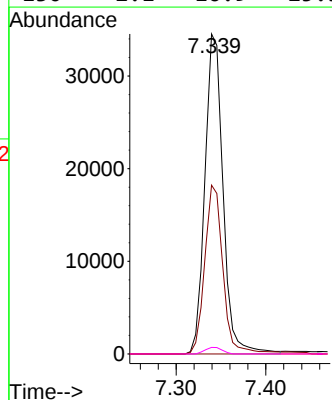
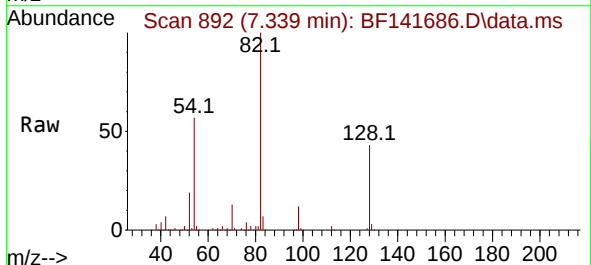
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-11-021725

Tgt Ion: 99 Resp: 570257
Ion Ratio Lower Upper
99 100
42 21.3 19.1 28.7
71 37.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 11.413 ng
RT: 7.339 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

Tgt Ion: 70 Resp: 48587
Ion Ratio Lower Upper
70 100
42 52.8 57.4 86.2#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

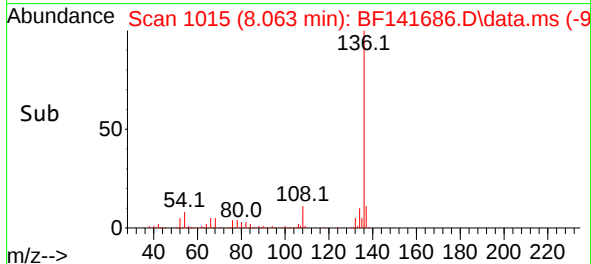
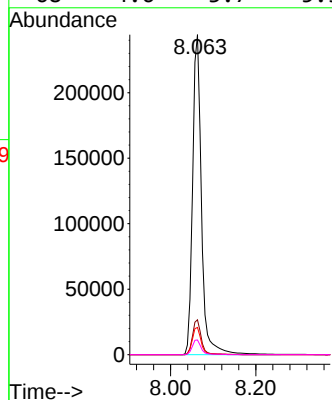
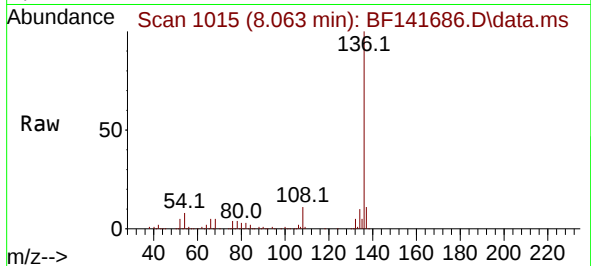




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

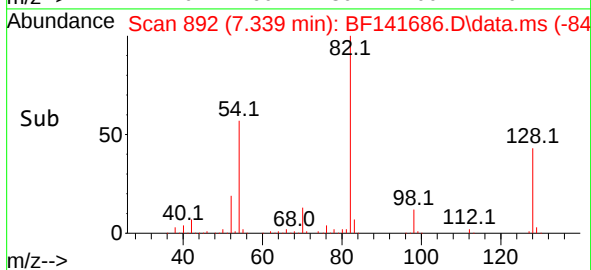
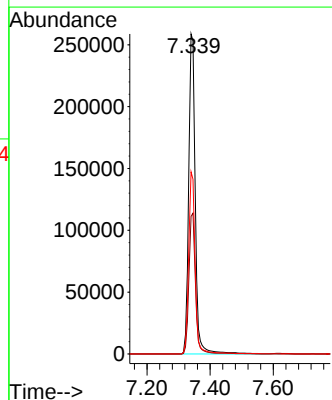
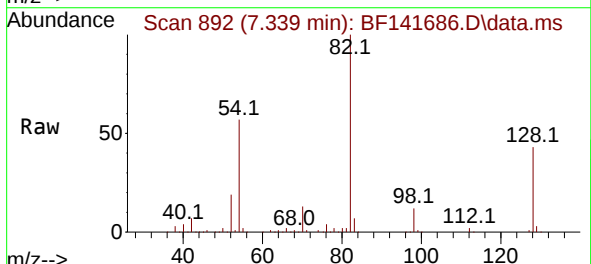
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-11-021725

Tgt	Ion:136	Resp:	353732
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.5	7.2	10.8
68	4.6	3.7	5.5



#23
Nitrobenzene-d5
Concen: 55.172 ng
RT: 7.339 min Scan# 892
Delta R.T. -0.023 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

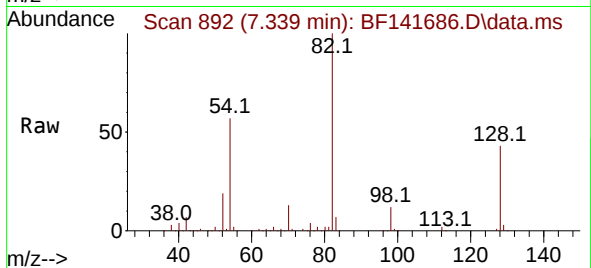
Tgt Ion: 82	Resp: 374170
Ion Ratio	Lower Upper
82 100	
128 43.0	34.8 52.2
54 56.9	48.2 72.4



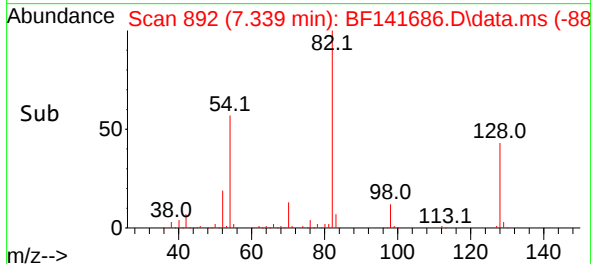
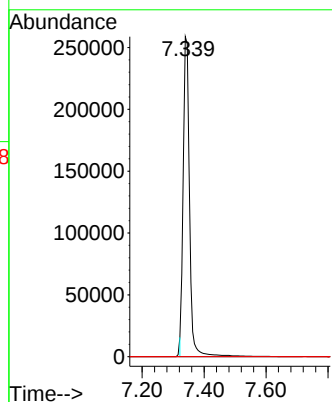


#25
Isophorone
Concen: 34.045 ng
RT: 7.339 min Scan# 89
Delta R.T. -0.282 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-11-021725

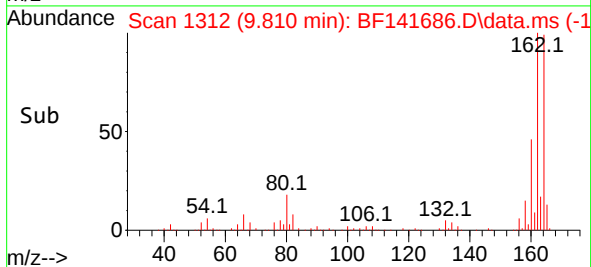
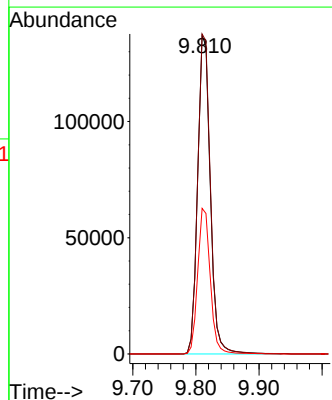
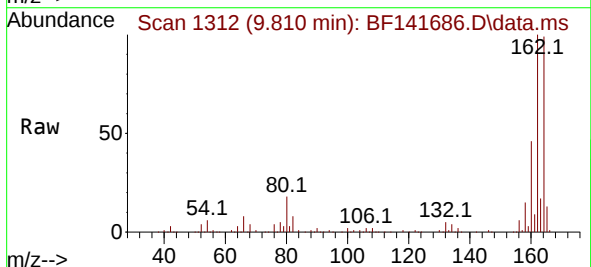


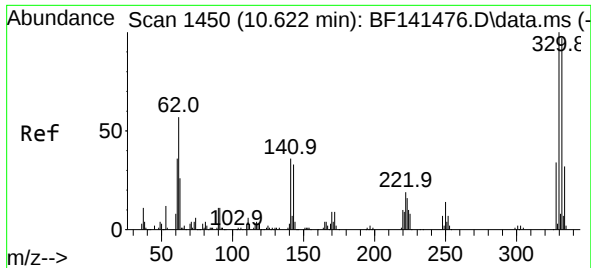
Tgt Ion: 82 Resp: 368150
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.023 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

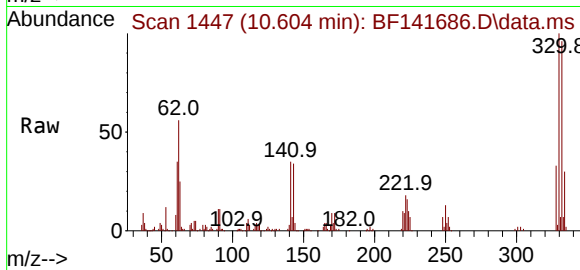
Tgt Ion: 164 Resp: 190080
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 45.7 35.9 53.9



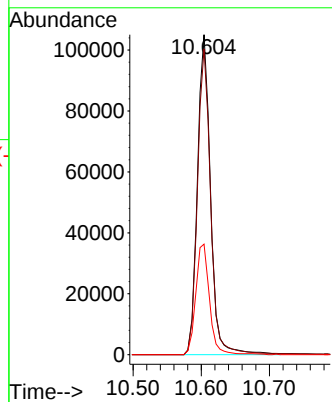
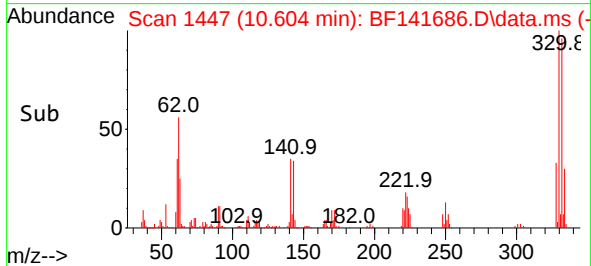


#42
2,4,6-Tribromophenol
Concen: 73.884 ng
RT: 10.604 min Scan# 1450
Delta R.T. -0.023 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-11-021725

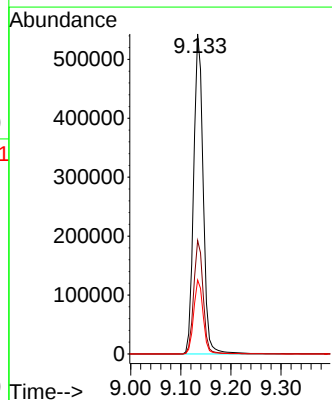
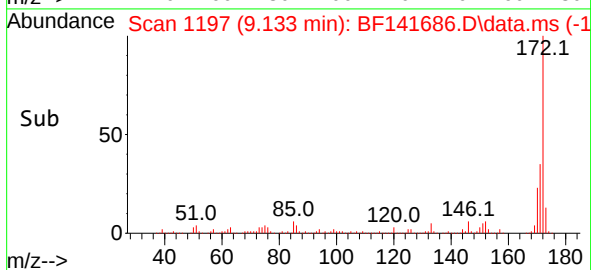
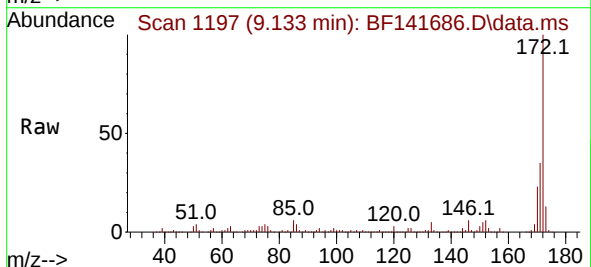


Tgt Ion: 330 Resp: 141077
Ion Ratio Lower Upper
330 100
332 96.5 78.5 117.7
141 36.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 57.828 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

Tgt Ion: 172 Resp: 713461
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.1 18.9 28.3

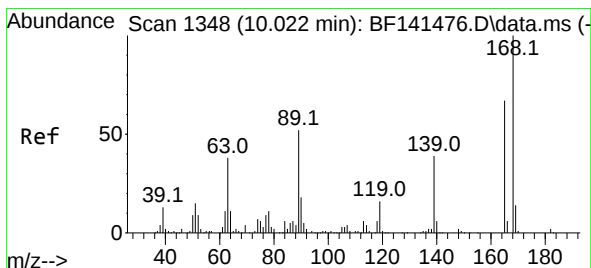
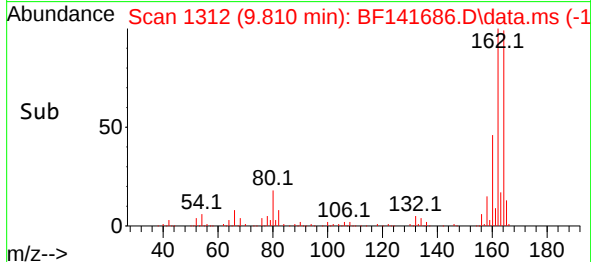
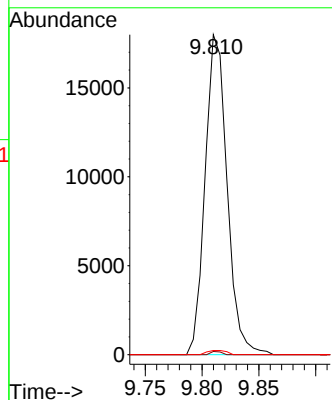
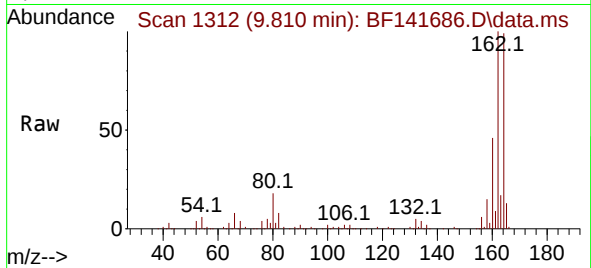




#51
2,6-Dinitrotoluene
Concen: 8.594 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.188 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

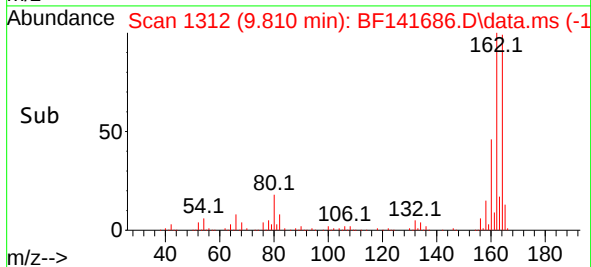
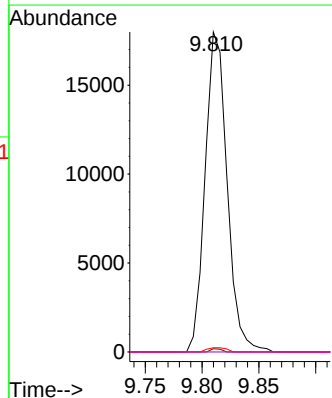
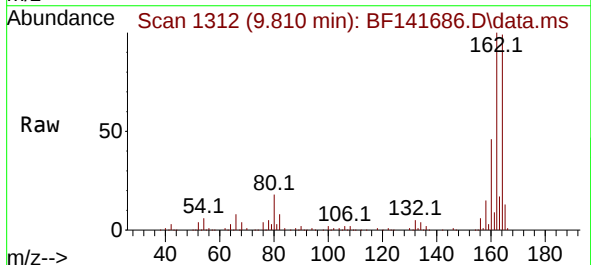
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-11-021725

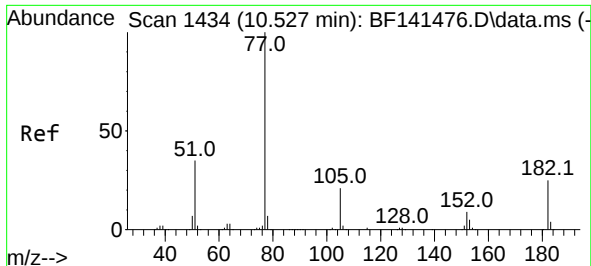
Tgt Ion:165 Resp: 24242
Ion Ratio Lower Upper
165 100
63 1.0 49.4 74.0#
89 1.3 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.455 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.218 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

Tgt Ion:165 Resp: 24242
Ion Ratio Lower Upper
165 100
63 1.0 46.4 69.6#
89 1.3 61.8 92.6#
182 0.0 2.2 3.2#

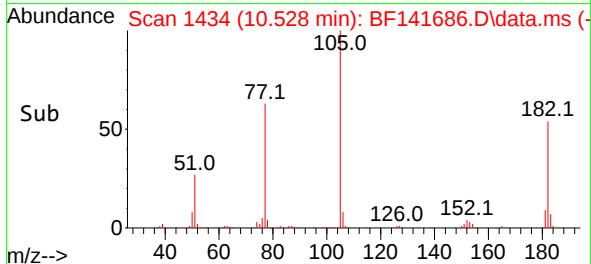
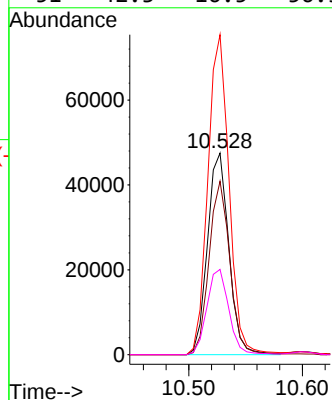
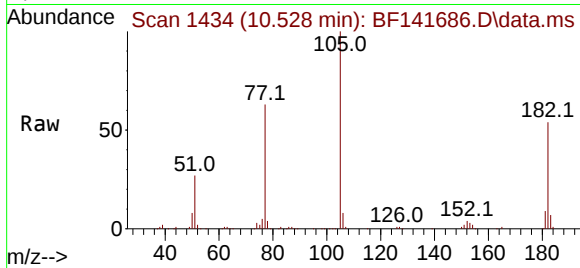




#63
Azobenzene
Concen: 4.924 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

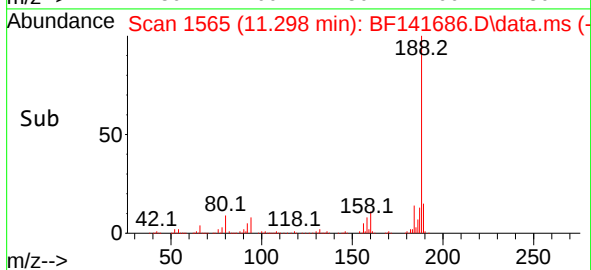
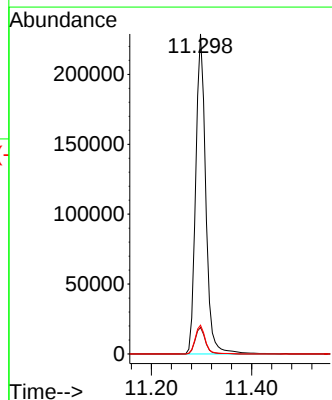
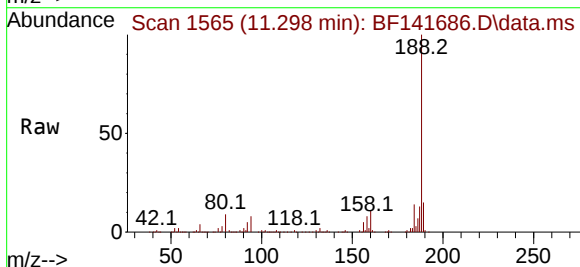
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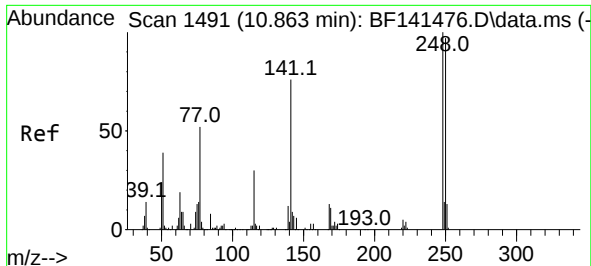
Tgt Ion: 77	Resp: 62152
Ion Ratio	Lower Upper
77	100
182	86.0 4.7 44.7#
105	158.7 0.4 40.4#
51	42.3 16.5 56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

Tgt Ion: 188	Resp: 316714
Ion Ratio	Lower Upper
188	100
94	8.3 6.6 10.0
80	9.0 7.3 10.9

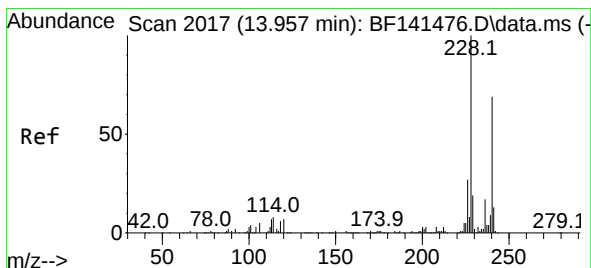
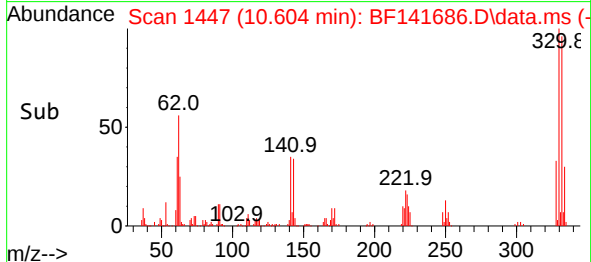
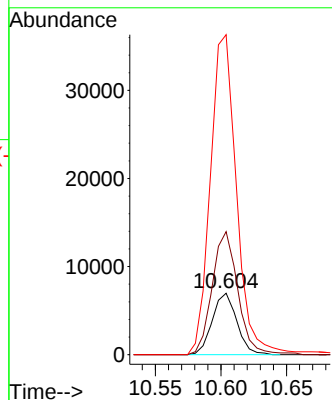
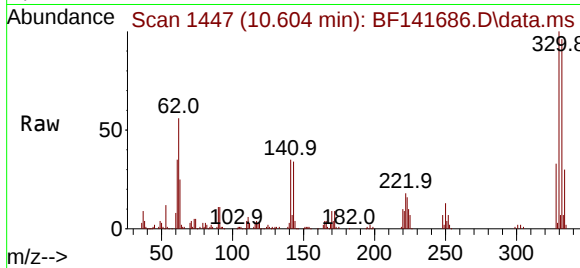




#67
4-Bromophenyl-phenylether
Concen: 2.562 ng
RT: 10.604 min Scan# 1491
Delta R.T. -0.259 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

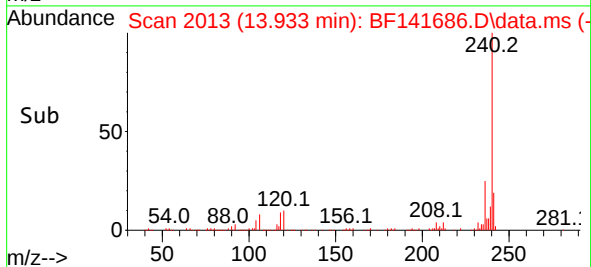
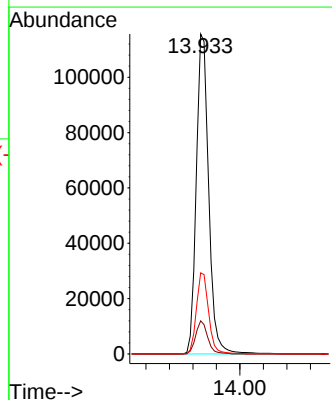
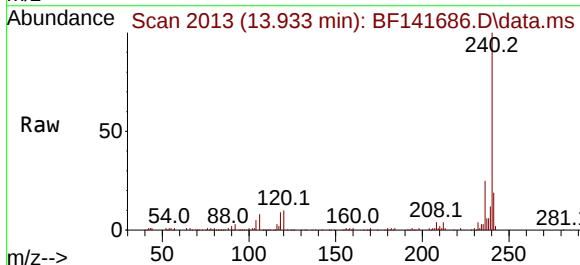
Instrument :
BNA_F
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OU4-PCS-TC-11-021725

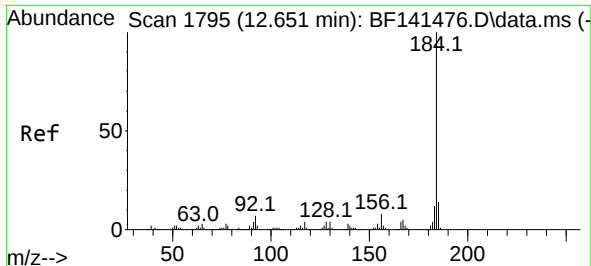
Tgt Ion:248 Resp: 9067
Ion Ratio Lower Upper
248 100
250 200.2 77.8 116.6#
141 520.4 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2013
Delta R.T. -0.029 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

Tgt Ion:240 Resp: 169195
Ion Ratio Lower Upper
240 100
120 10.3 8.0 12.0
236 25.3 19.8 29.8

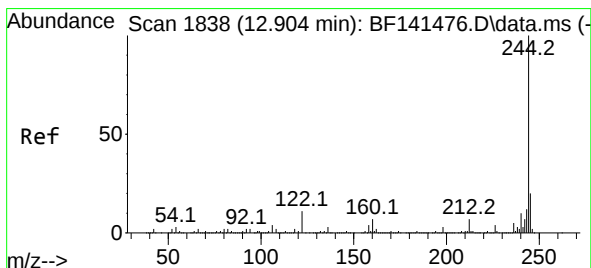
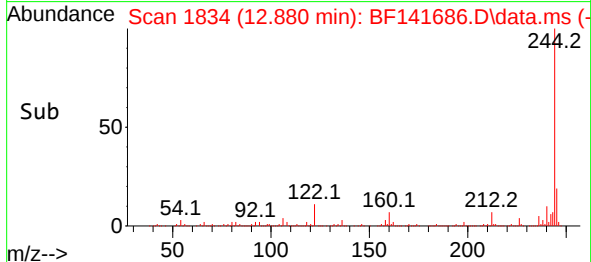
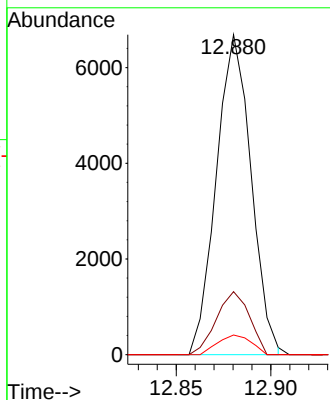
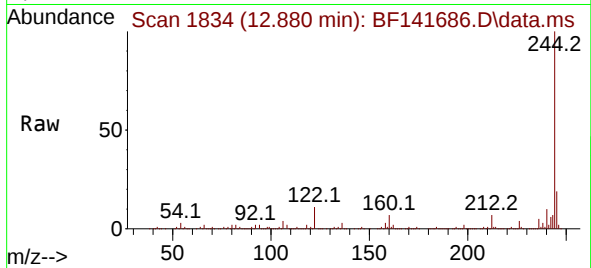




#77
Benzidine
Concen: 2.285 ng
RT: 12.880 min Scan# 1834
Delta R.T. 0.224 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

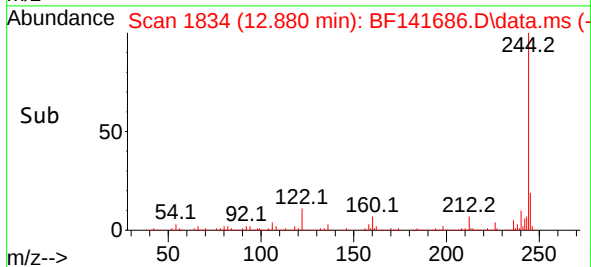
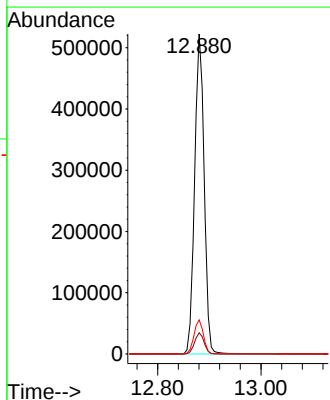
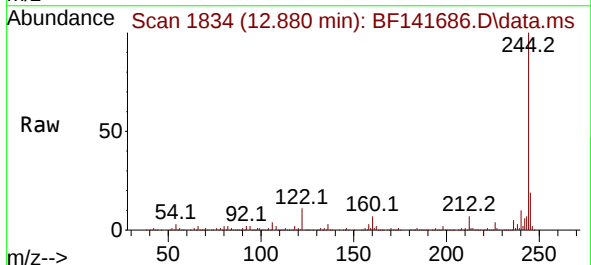
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-11-021725

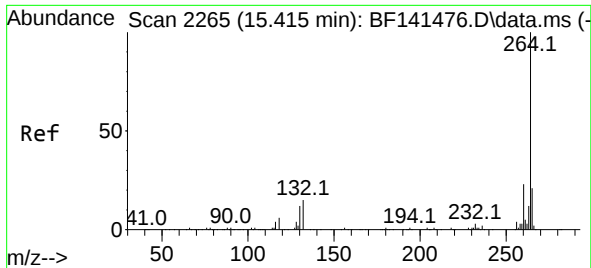
Tgt Ion:184 Resp: 8526
Ion Ratio Lower Upper
184 100
185 19.7 11.3 16.9#
183 6.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 66.616 ng
RT: 12.880 min Scan# 1834
Delta R.T. -0.023 min
Lab File: BF141686.D
Acq: 19 Feb 2025 20:39

Tgt Ion:244 Resp: 667649
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.7 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF141686.D
 Acq: 19 Feb 2025 20:39

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-11-021725

Tgt Ion:264 Resp: 172083
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 20.4 17.0 25.4

