

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141684.D
 Acq On : 19 Feb 2025 19:41
 Operator : RC/JU
 Sample : Q1382-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-09-021725

Quant Time: Feb 20 00:13:31 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)

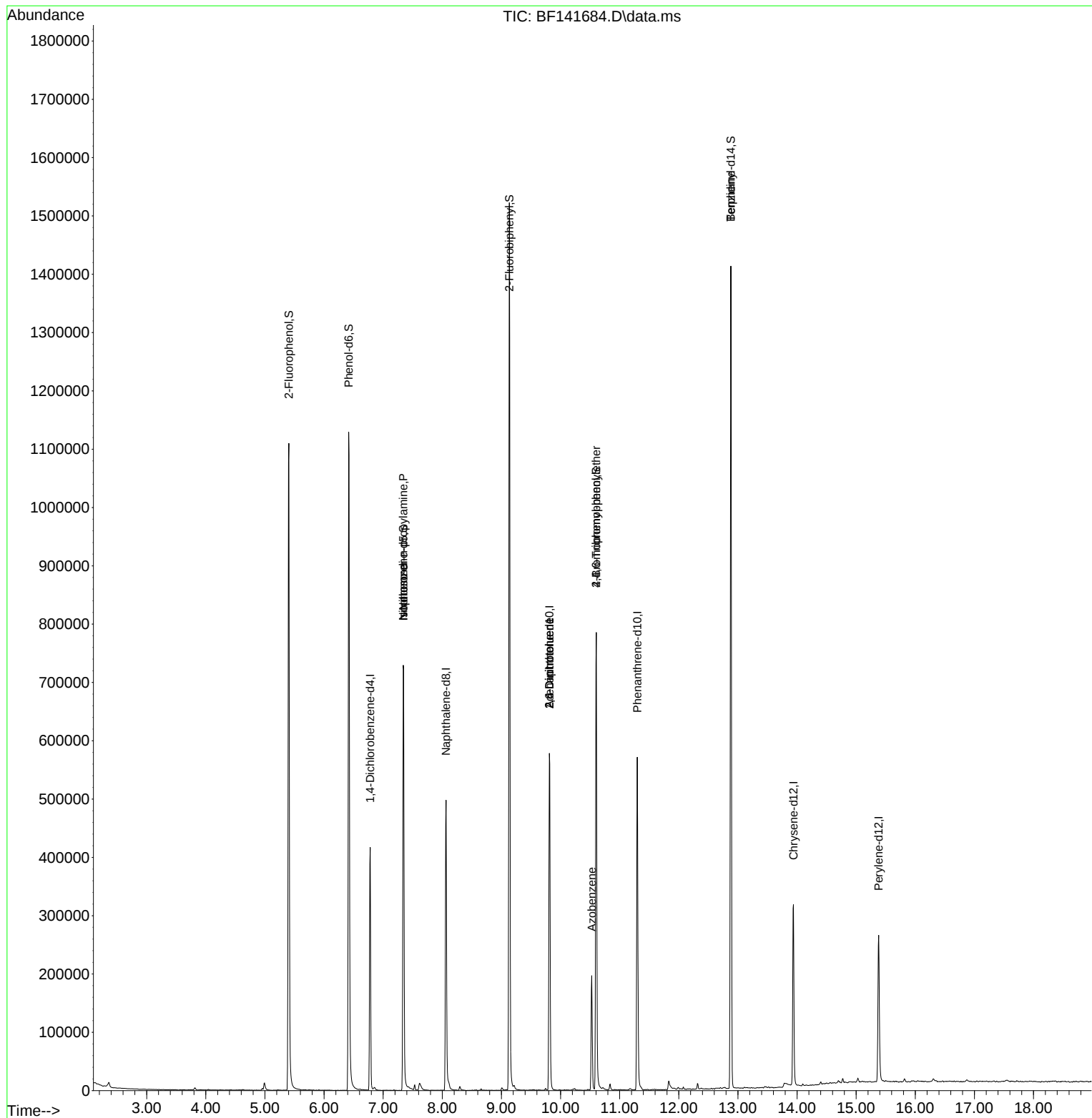
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	89449	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	356157	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	191303	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	322322	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	173655	20.000	ng	-0.02
86) Perylene-d12	15.380	264	164649	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	441787	77.431	ng	0.00
7) Phenol-d6	6.416	99	549088	76.142	ng	-0.02
23) Nitrobenzene-d5	7.340	82	352958	51.690	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	134032	69.746	ng	-0.02
45) 2-Fluorobiphenyl	9.134	172	685453	55.202	ng	-0.02
79) Terphenyl-d14	12.880	244	700667	68.115	ng	-0.02
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.340	70	47667	11.050	ng	# 72
25) Isophorone	7.340	82	343082	31.511	ng	# 66
51) 2,6-Dinitrotoluene	9.810	165	24788	8.731	ng	# 22
57) 2,4-Dinitrotoluene	9.810	165	24789	6.559	ng	# 18
63) Azobenzene	10.528	77	50722	3.993	ng	# 1
67) 4-Bromophenyl-phenylether	10.604	248	9053	2.513	ng	# 1
77) Benzidine	12.880	184	8757	2.287	ng	# 90

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
Data File : BF141684.D
Acq On : 19 Feb 2025 19:41
Operator : RC/JU
Sample : Q1382-17
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

Quant Time: Feb 20 00:13:31 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

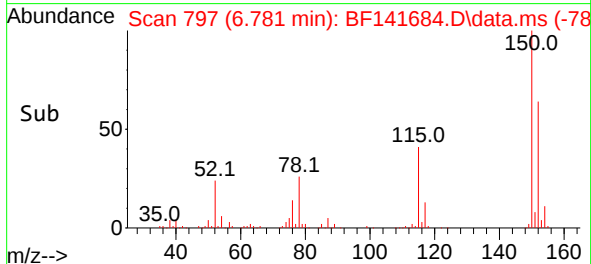
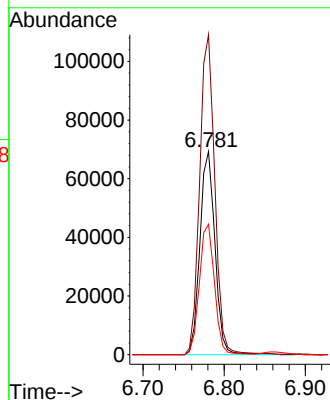
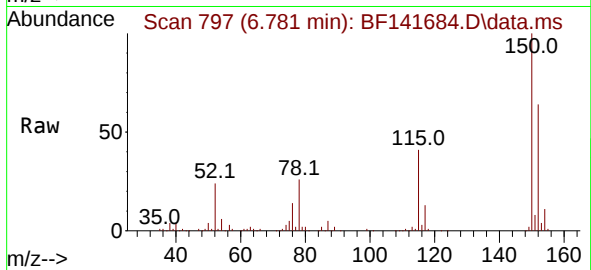




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

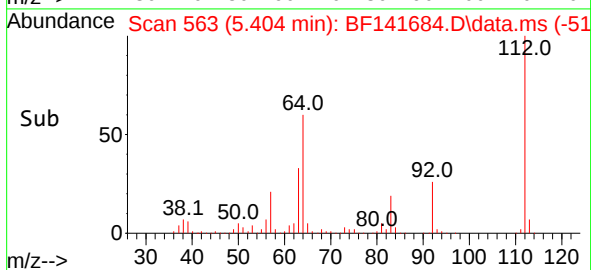
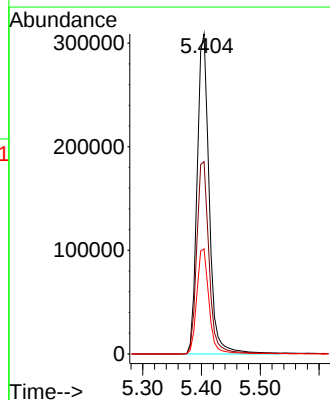
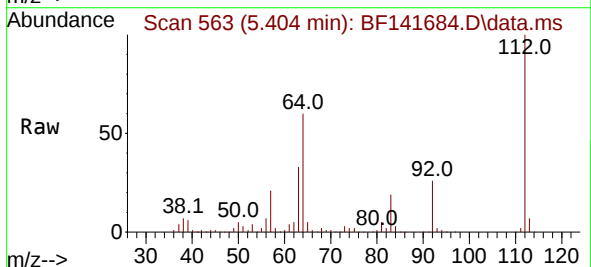
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

Tgt Ion:152 Resp: 89449
Ion Ratio Lower Upper
152 100
150 157.4 125.0 187.4
115 64.2 53.6 80.4



#5
2-Fluorophenol
Concen: 77.431 ng
RT: 5.404 min Scan# 563
Delta R.T. -0.006 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

Tgt Ion:112 Resp: 441787
Ion Ratio Lower Upper
112 100
64 60.1 51.1 76.7
63 32.8 28.4 42.6

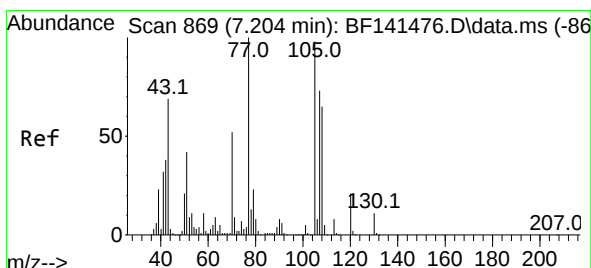
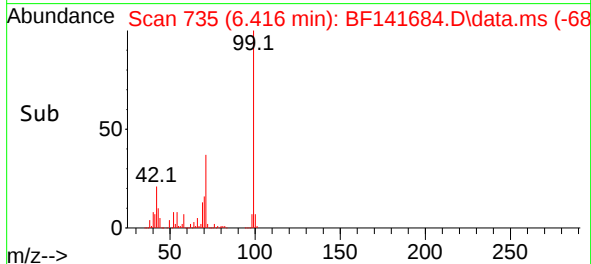
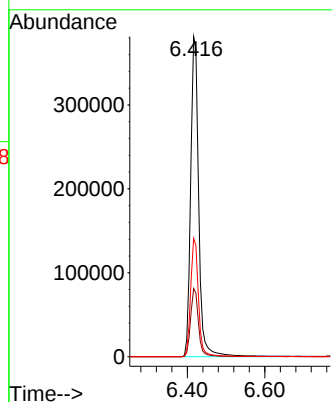
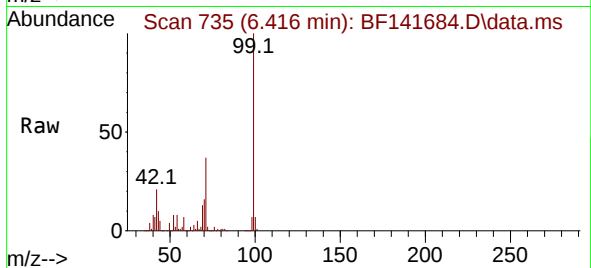




#7
Phenol-d6
Concen: 76.142 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

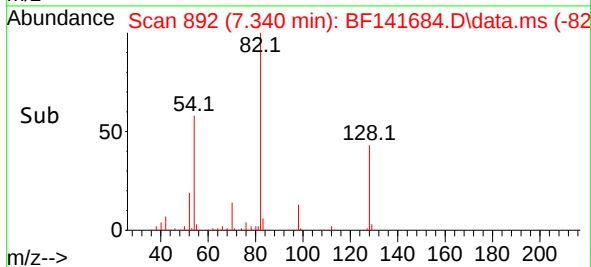
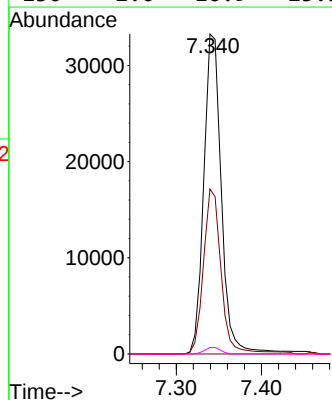
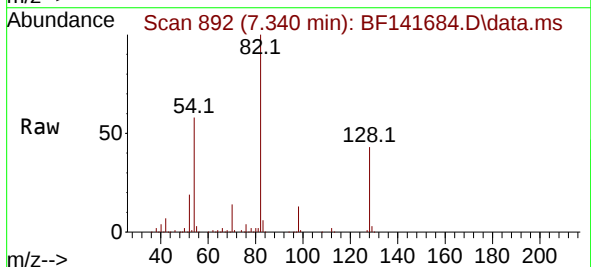
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

Tgt Ion: 99 Resp: 549088
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: 11.050 ng
RT: 7.340 min Scan# 892
Delta R.T. 0.124 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

Tgt Ion: 70 Resp: 47667
Ion Ratio Lower Upper
70 100
42 51.6 57.4 86.2#
101 0.0 8.0 12.0#
130 2.0 16.9 25.3#

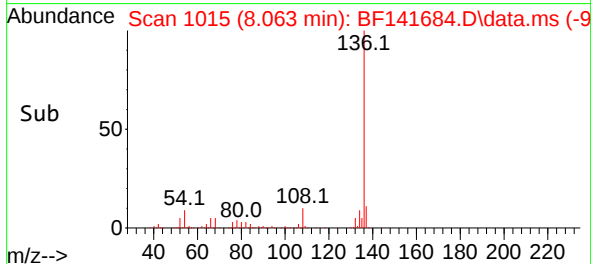
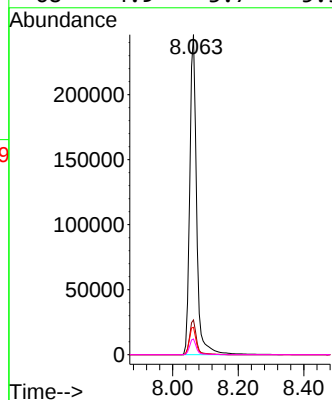
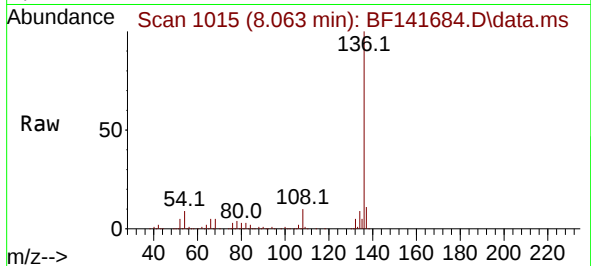




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

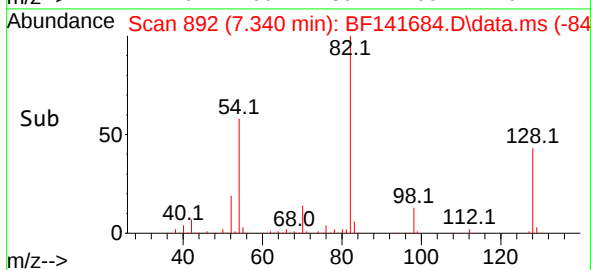
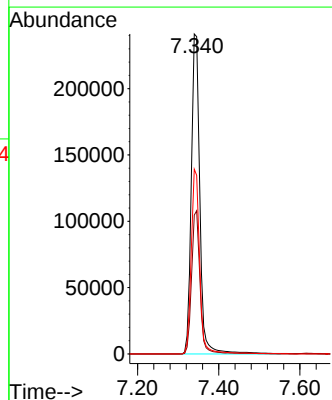
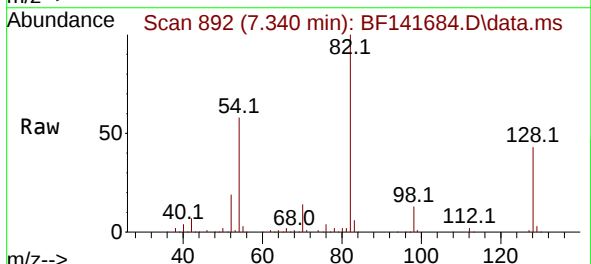
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

Tgt Ion:	136	Resp:	356157
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	8.5	7.2	10.8
68	4.9	3.7	5.5



#23
Nitrobenzene-d5
Concen: 51.690 ng
RT: 7.340 min Scan# 892
Delta R.T. -0.023 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

Tgt Ion:	82	Resp:	352958
Ion	Ratio	Lower	Upper
82	100		
128	43.4	34.8	52.2
54	57.8	48.2	72.4

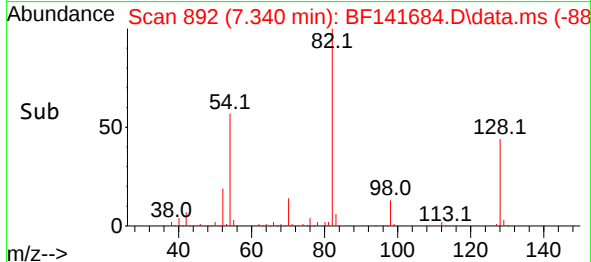
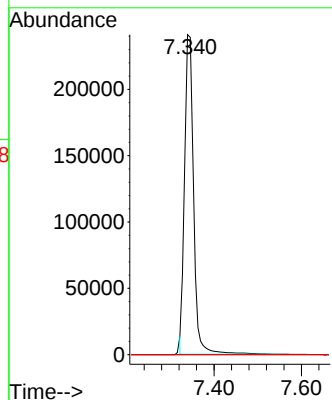
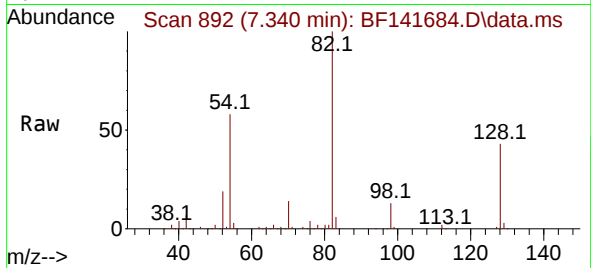




#25
Isophorone
Concen: 31.511 ng
RT: 7.340 min Scan# 89
Delta R.T. -0.282 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

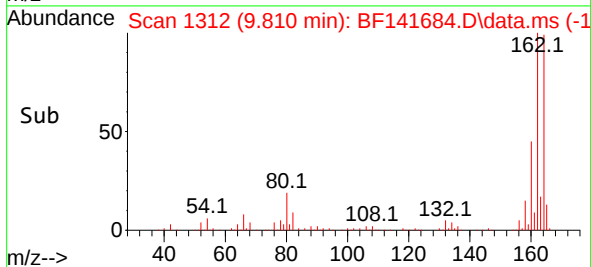
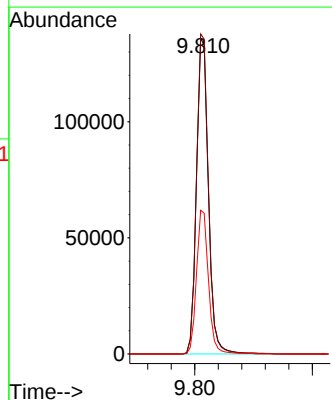
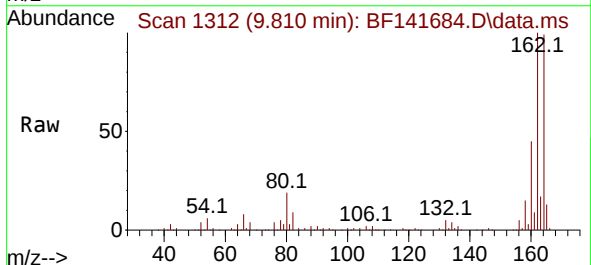
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

Tgt Ion: 82 Resp: 343082
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: BF141684.D
Acq: 19 Feb 2025 19:41

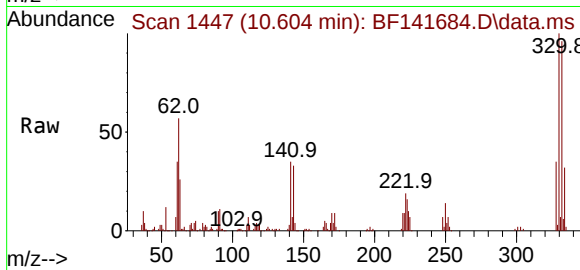
Tgt Ion:164 Resp: 191303
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 45.5 35.9 53.9



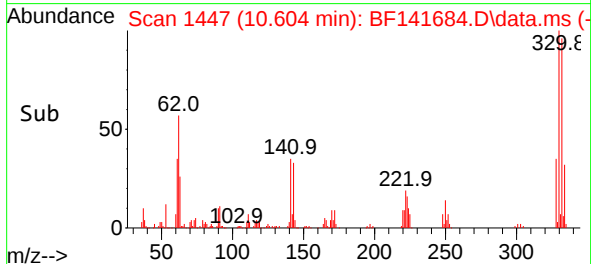
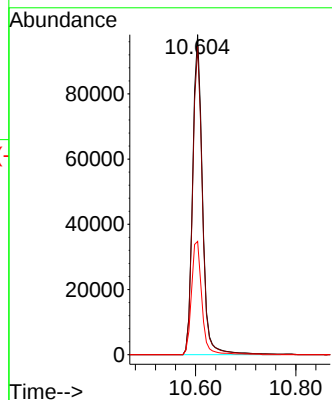


#42
 2,4,6-Tribromophenol
 Concen: 69.746 ng
 RT: 10.604 min Scan# 1450
 Delta R.T. -0.023 min
 Lab File: BF141684.D
 Acq: 19 Feb 2025 19:41

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-09-021725

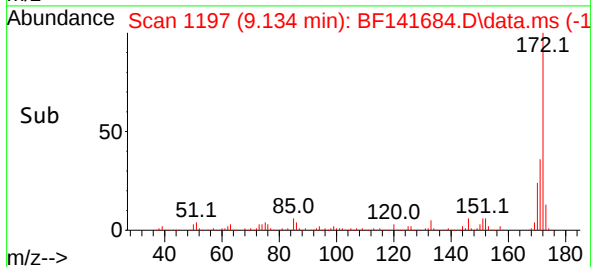
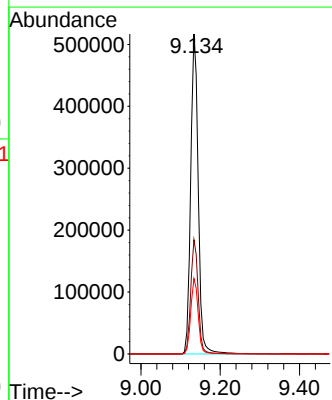
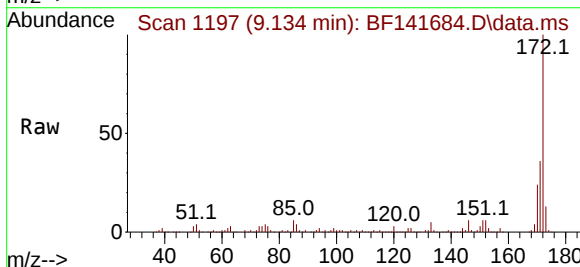


Tgt Ion: 330 Resp: 134032
 Ion Ratio Lower Upper
 330 100
 332 96.0 78.5 117.7
 141 37.5 31.0 46.4



#45
 2-Fluorobiphenyl
 Concen: 55.202 ng
 RT: 9.134 min Scan# 1197
 Delta R.T. -0.017 min
 Lab File: BF141684.D
 Acq: 19 Feb 2025 19:41

Tgt Ion: 172 Resp: 685453
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.7 43.1
 170 23.6 18.9 28.3

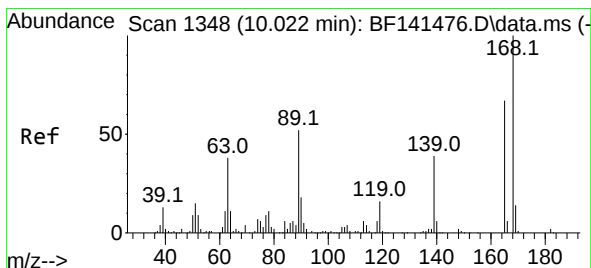
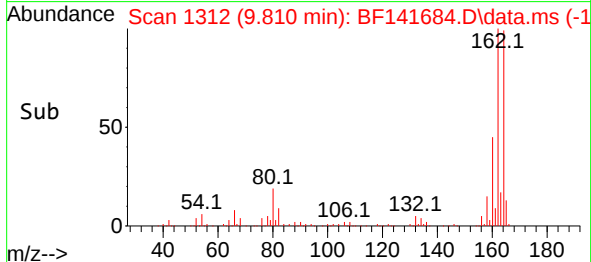
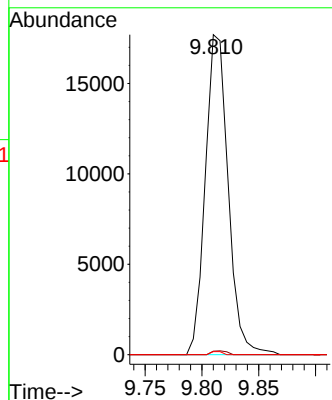
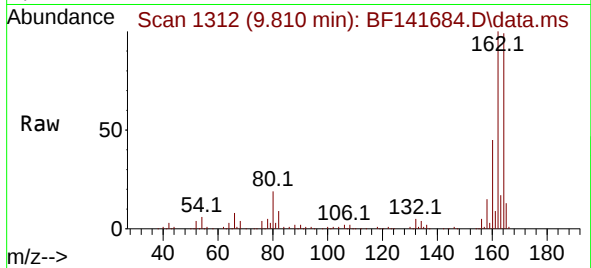




#51
2,6-Dinitrotoluene
Concen: 8.731 ng
RT: 9.810 min Scan# 1312
Delta R.T. 0.188 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

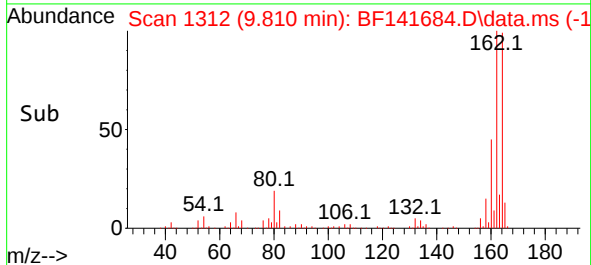
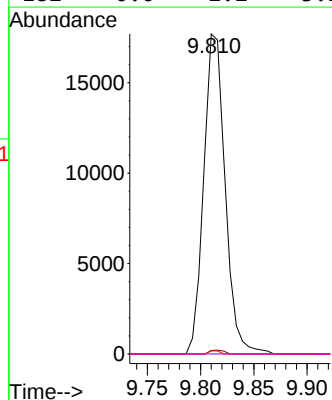
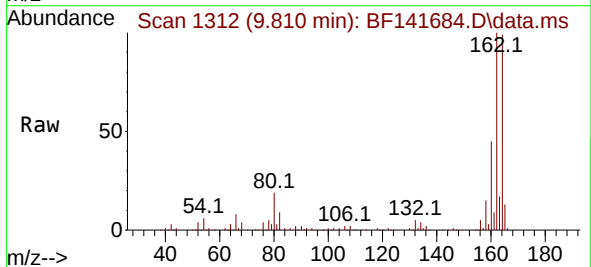
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

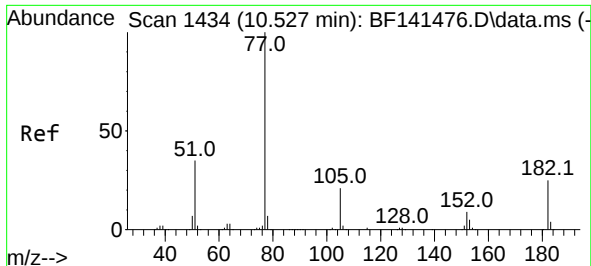
Tgt Ion:165 Resp: 24788
Ion Ratio Lower Upper
165 100
63 1.1 49.4 74.0#
89 1.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 6.559 ng
RT: 9.810 min Scan# 1312
Delta R.T. -0.217 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

Tgt Ion:165 Resp: 24789
Ion Ratio Lower Upper
165 100
63 1.1 46.4 69.6#
89 1.0 61.8 92.6#
182 0.0 2.2 3.2#

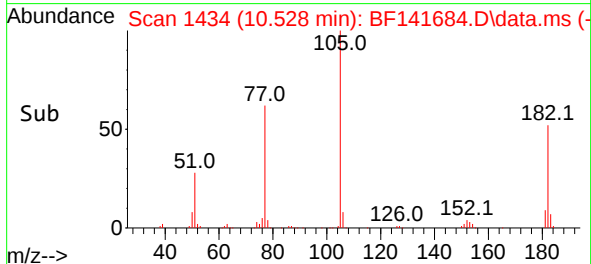
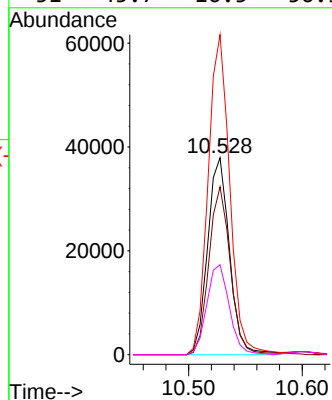
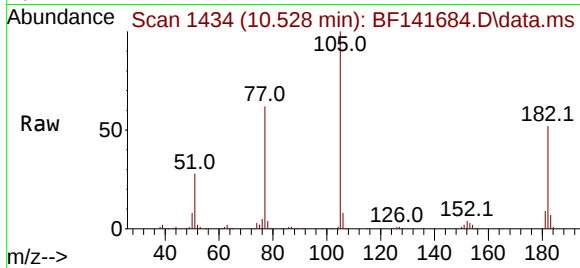




#63
Azobenzene
Concen: 3.993 ng
RT: 10.528 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

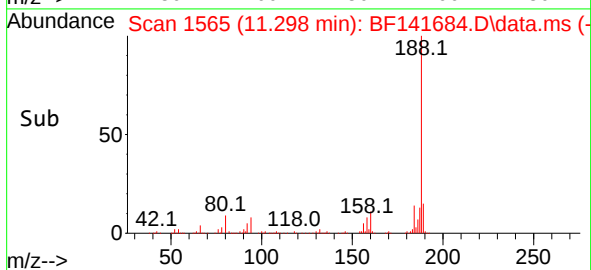
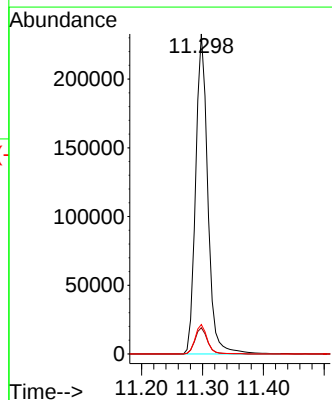
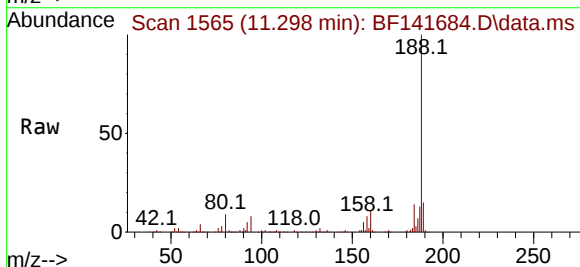
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

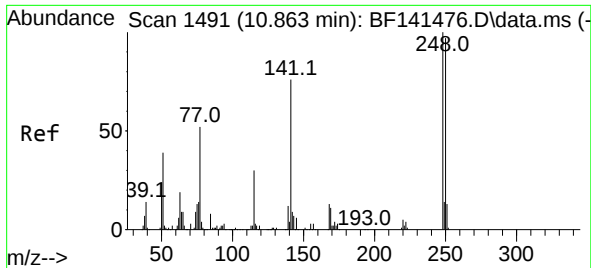
Tgt Ion:	77	Resp:	50722
Ion Ratio	Lower	Upper	
77	100		
182	85.2	4.7	44.7#
105	162.5	0.4	40.4#
51	45.7	16.5	56.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.017 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

Tgt Ion:	188	Resp:	322322
Ion Ratio	Lower	Upper	
188	100		
94	8.2	6.6	10.0
80	9.2	7.3	10.9

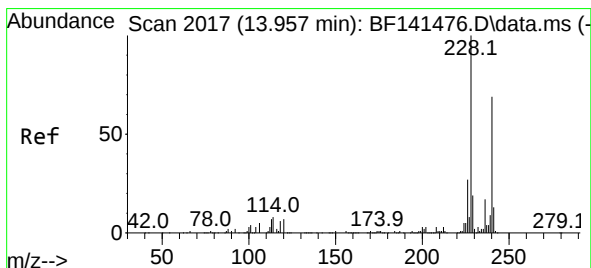
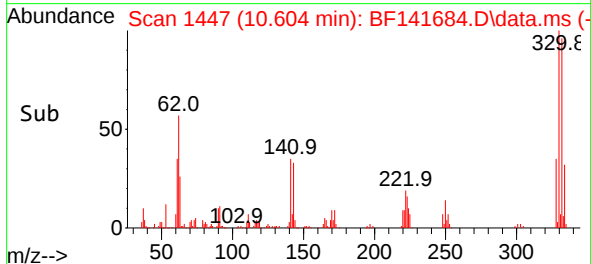
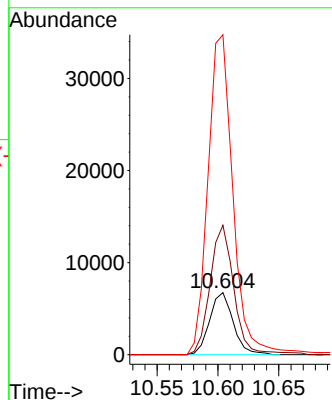
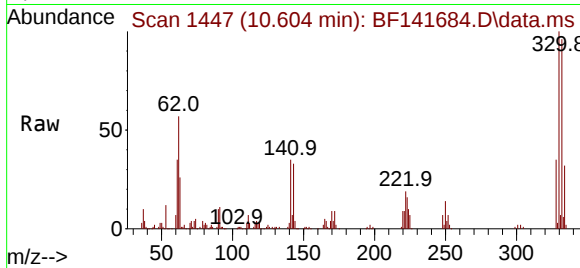




#67
4-Bromophenyl-phenylether
Concen: 2.513 ng
RT: 10.604 min Scan# 1491
Delta R.T. -0.259 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

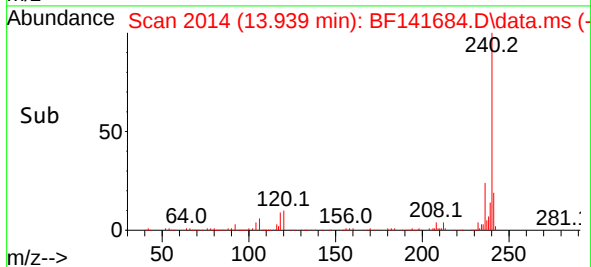
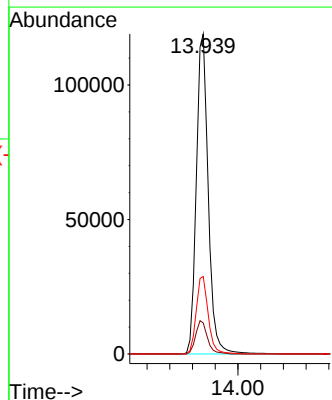
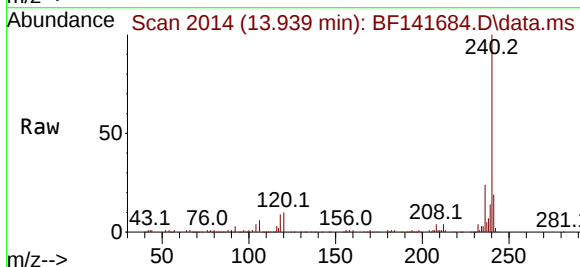
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

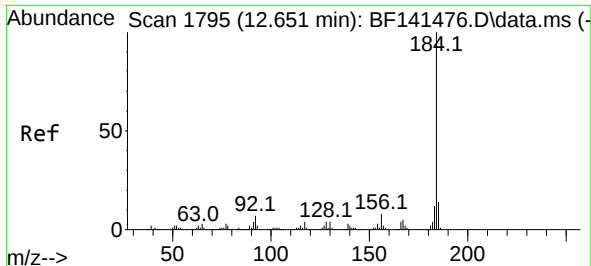
Tgt Ion:248 Resp: 9053
Ion Ratio Lower Upper
248 100
250 208.4 77.8 116.6#
141 515.5 60.6 90.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

Tgt Ion:240 Resp: 173655
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 24.2 19.8 29.8

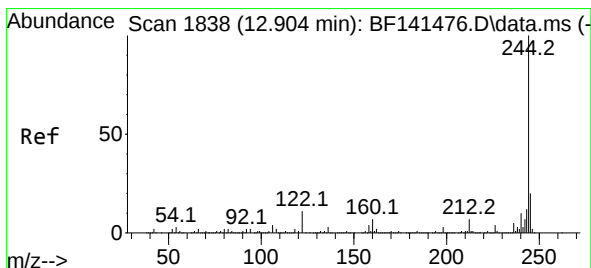
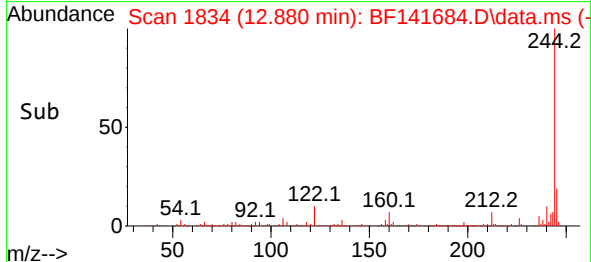
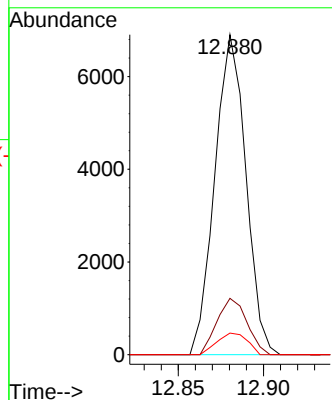
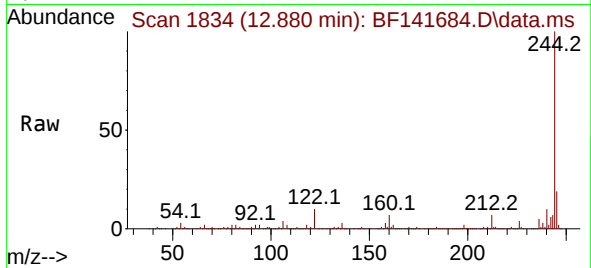




#77
Benzidine
Concen: 2.287 ng
RT: 12.880 min Scan# 1834
Delta R.T. 0.224 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

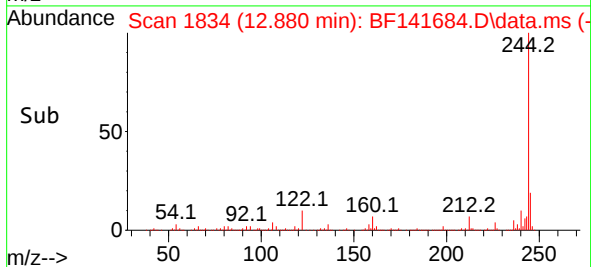
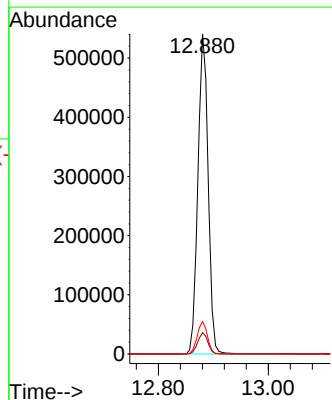
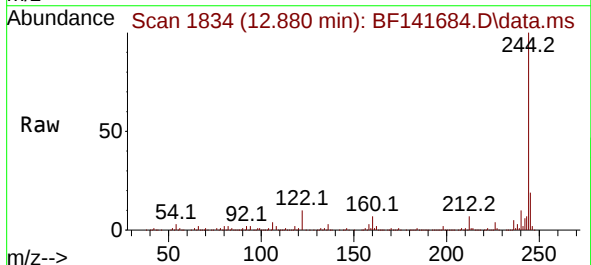
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

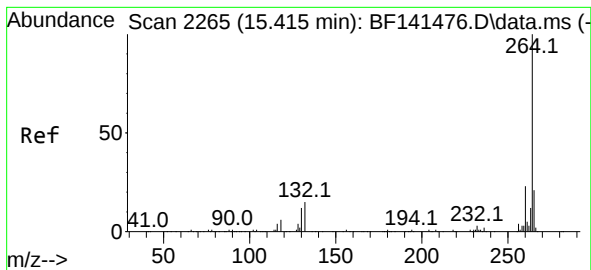
Tgt Ion:184 Resp: 8757
Ion Ratio Lower Upper
184 100
185 17.6 11.3 16.9#
183 6.8 9.3 13.9#



#79
Terphenyl-d14
Concen: 68.115 ng
RT: 12.880 min Scan# 1834
Delta R.T. -0.023 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

Tgt Ion:244 Resp: 700667
Ion Ratio Lower Upper
244 100
212 6.6 5.6 8.4
122 10.2 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: BF141684.D

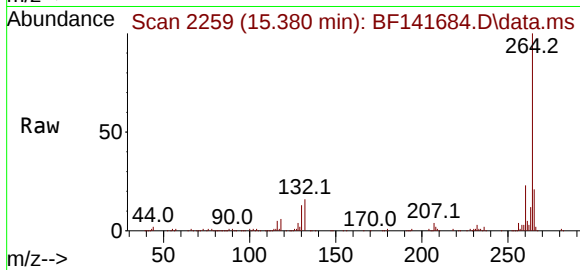
Acq: 19 Feb 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-09-021725



Tgt Ion:264 Resp: 164649

Ion Ratio Lower Upper

264 100

260 23.4 18.6 28.0

265 21.3 17.0 25.4

