

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

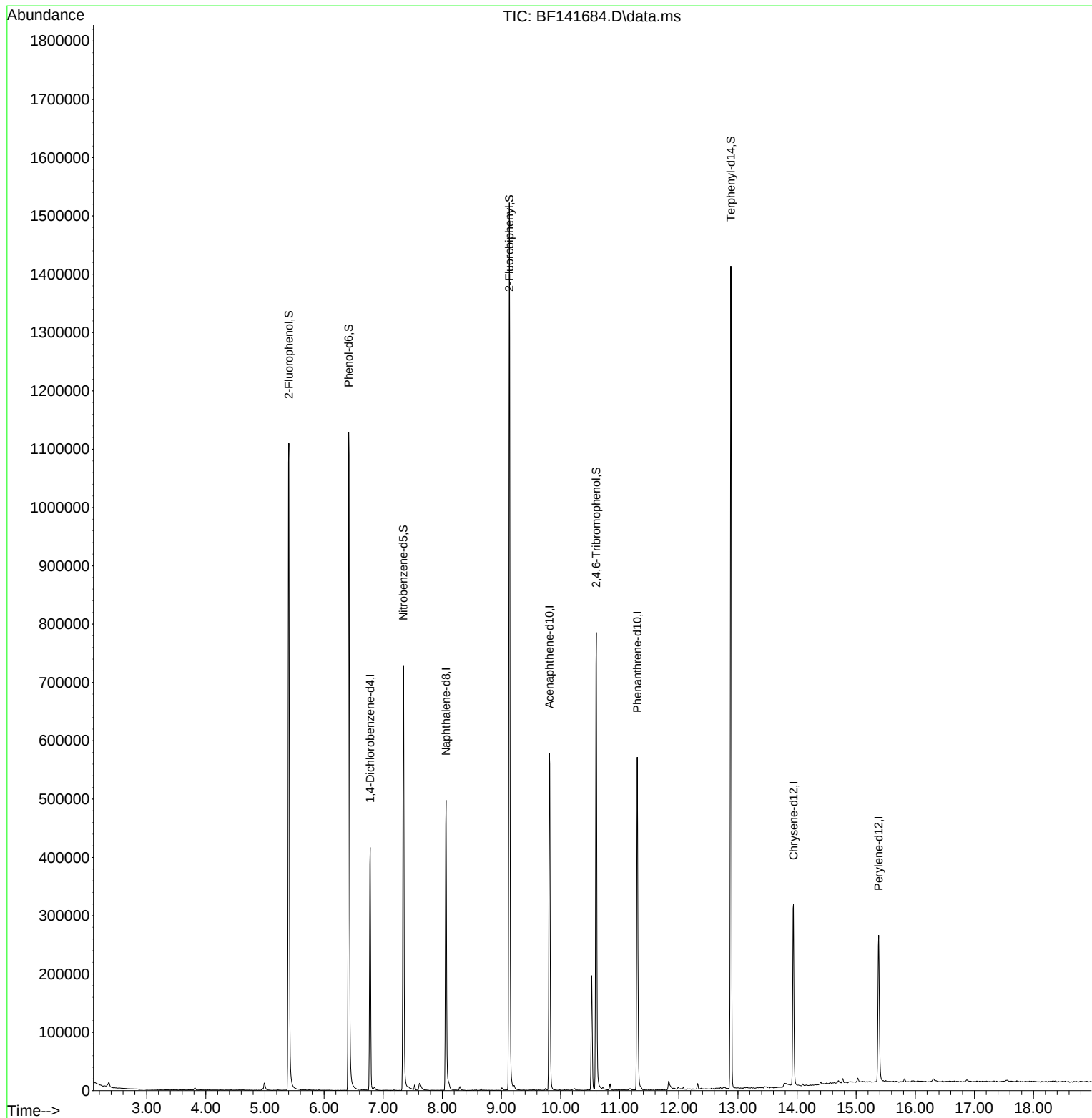
Target Compounds	Qvalue

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

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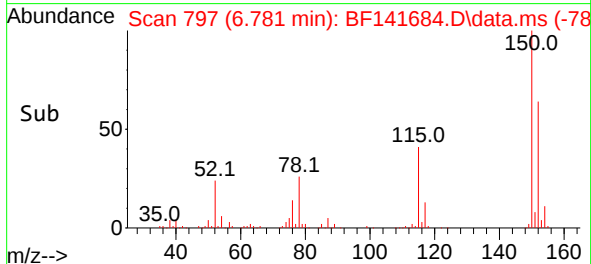
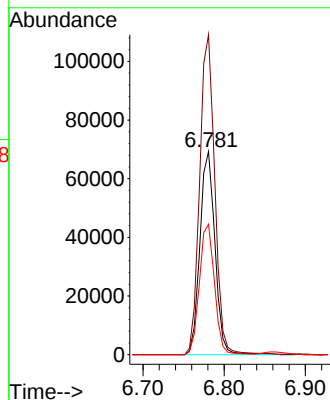
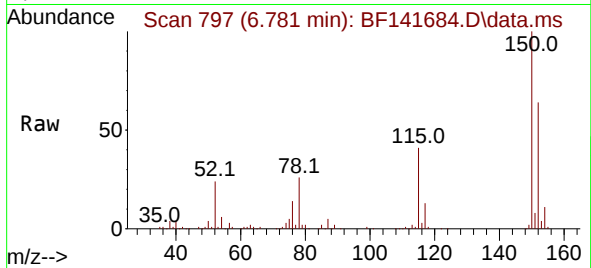




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

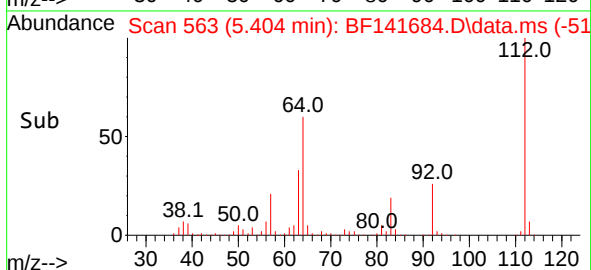
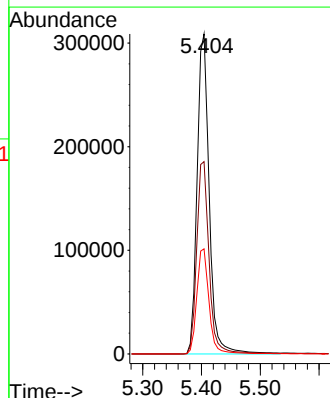
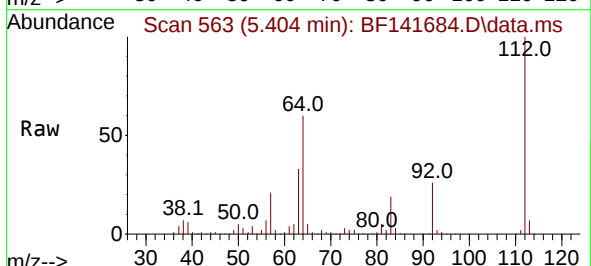
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

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

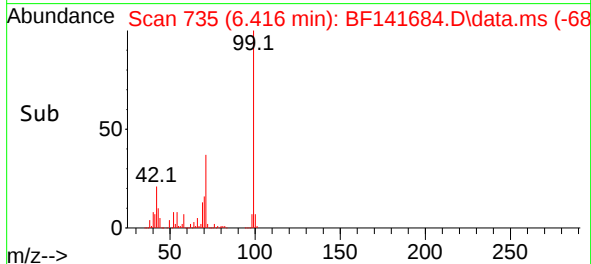
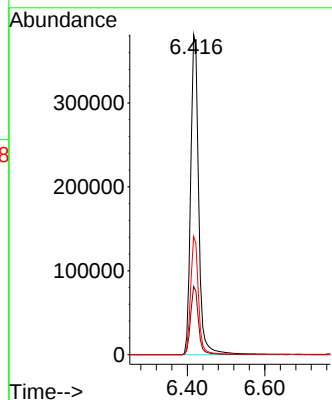
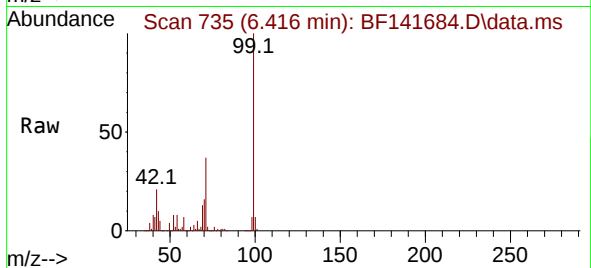




#7
Phenol-d6
Concen: 76.142 ng
RT: 6.416 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

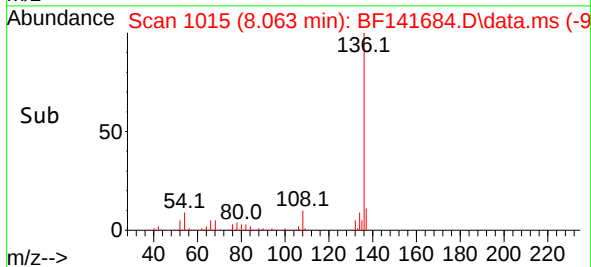
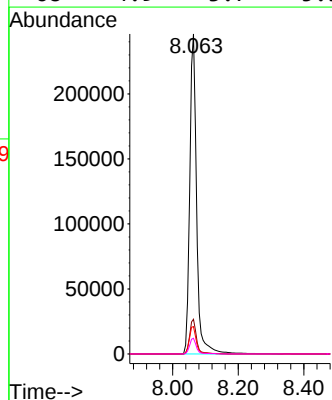
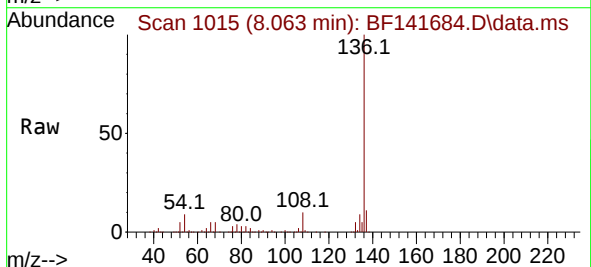
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

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



#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

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

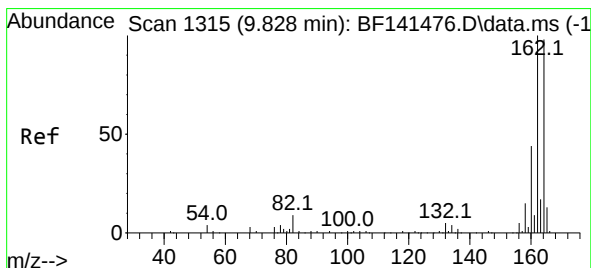
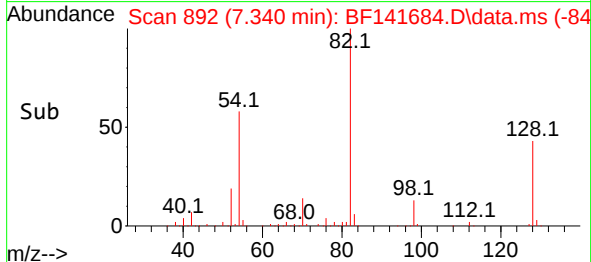
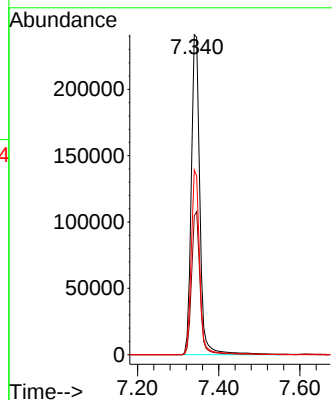
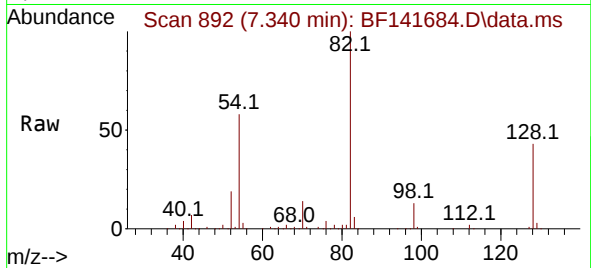




#23
Nitrobenzene-d5
Concen: 51.690 ng
RT: 7.340 min Scan# 895
Delta R.T. -0.023 min
Lab File: BF141684.D
Acq: 19 Feb 2025 19:41

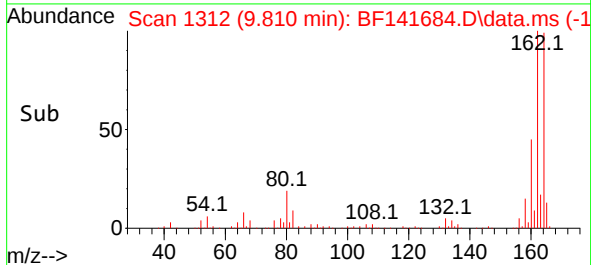
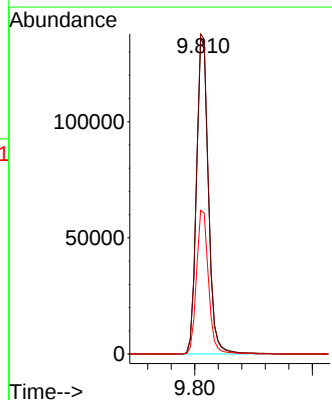
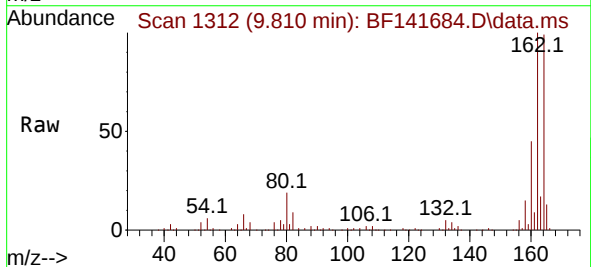
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-09-021725

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



#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

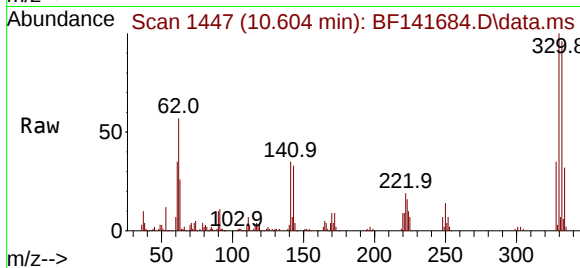
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Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-09-021725



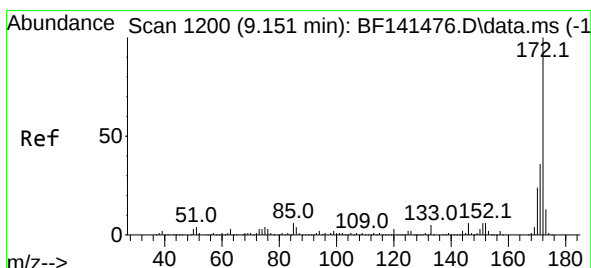
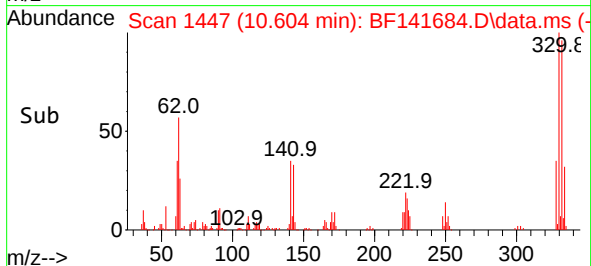
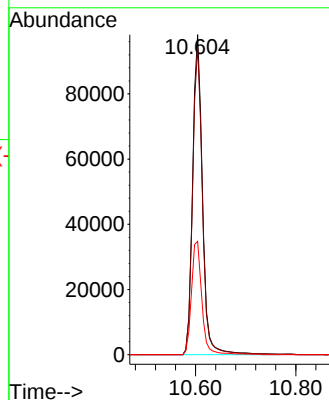
Tgt Ion:330 Resp: 134032

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

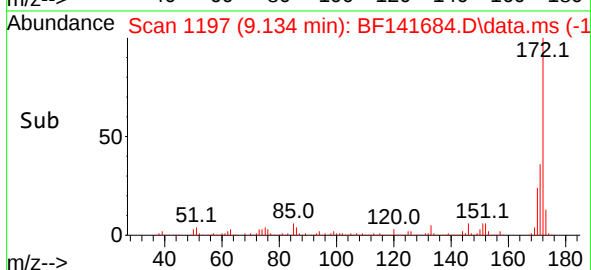
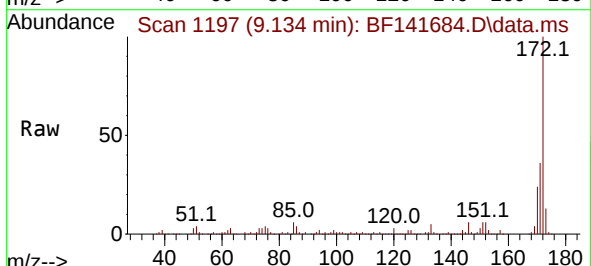
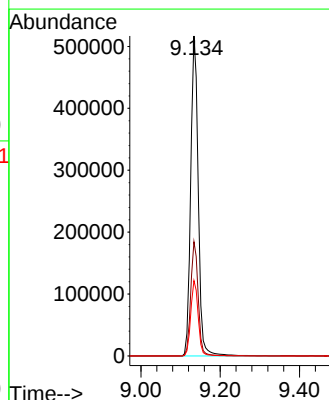
Tgt Ion:172 Resp: 685453

Ion Ratio Lower Upper

172 100

171 35.7 28.7 43.1

170 23.6 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.017 min

Lab File: BF141684.D

Acq: 19 Feb 2025 19:41

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-09-021725

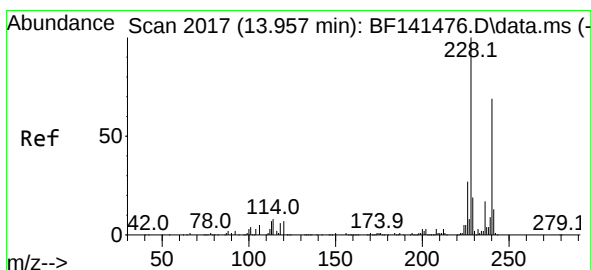
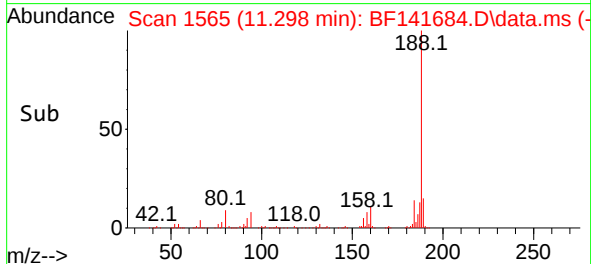
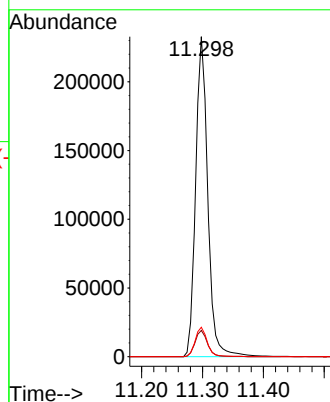
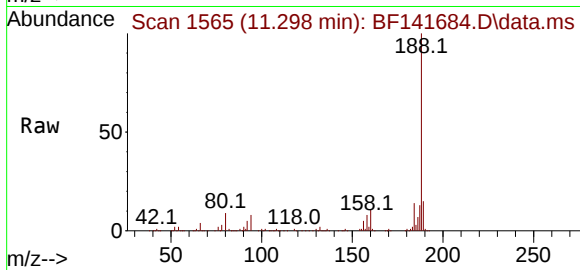
Tgt Ion:188 Resp: 322322

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 9.2 7.3 10.9



#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

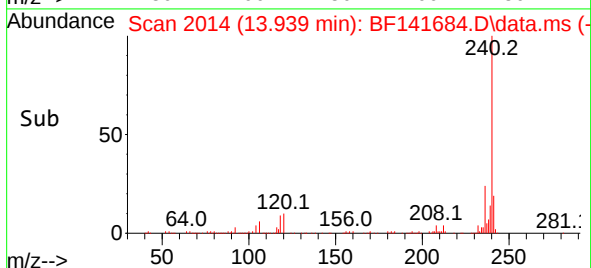
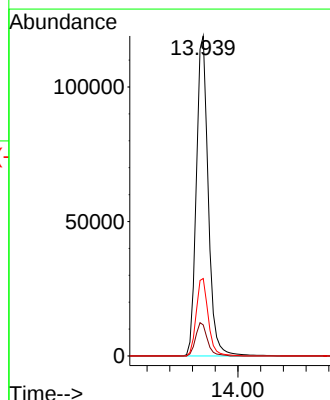
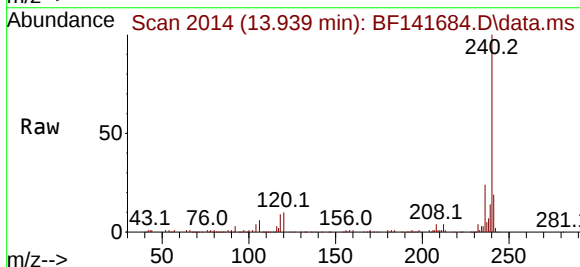
Tgt Ion:240 Resp: 173655

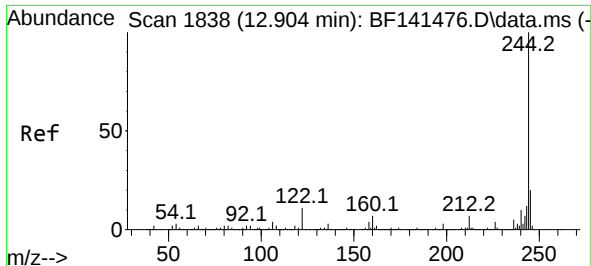
Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

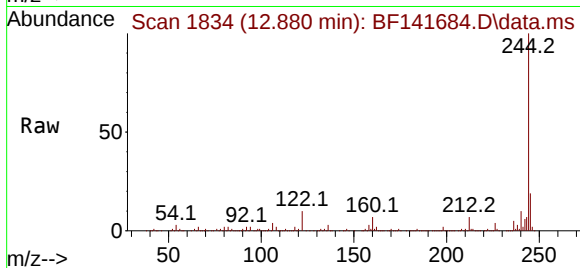
236 24.2 19.8 29.8



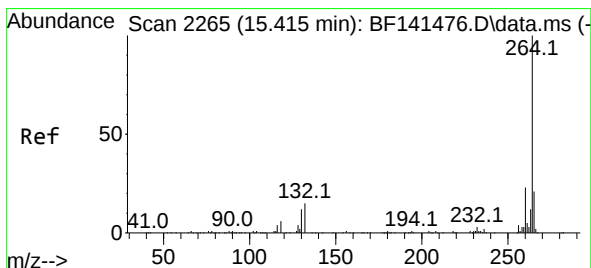
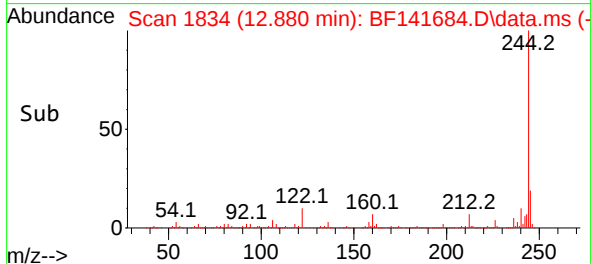
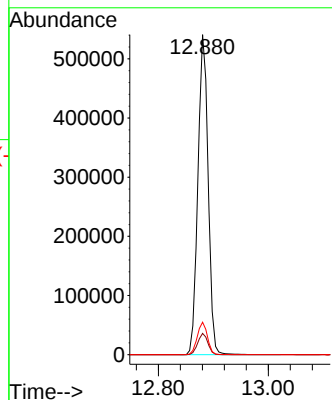


#79
 Terphenyl-d14
 Concen: 68.115 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141684.D
 Acq: 19 Feb 2025 19:41

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



Tgt Ion: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# 2259
 Delta R.T. -0.035 min
 Lab File: BF141684.D
 Acq: 19 Feb 2025 19:41

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

