

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
 Data File : BF141676.D
 Acq On : 19 Feb 2025 15:45
 Operator : RC/JU
 Sample : Q1382-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-03-021725

Quant Time: Feb 19 16:08:38 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	85261	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	338240	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	180374	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	300038	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	162405	20.000	ng	-0.02
86) Perylene-d12	15.380	264	150976	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	492518	90.562	ng	0.00
7) Phenol-d6	6.422	99	607378	88.362	ng	-0.02
23) Nitrobenzene-d5	7.345	82	395440	60.979	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	158831	87.658	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	767983	65.596	ng	-0.02
79) Terphenyl-d14	12.880	244	748368	77.792	ng	-0.02

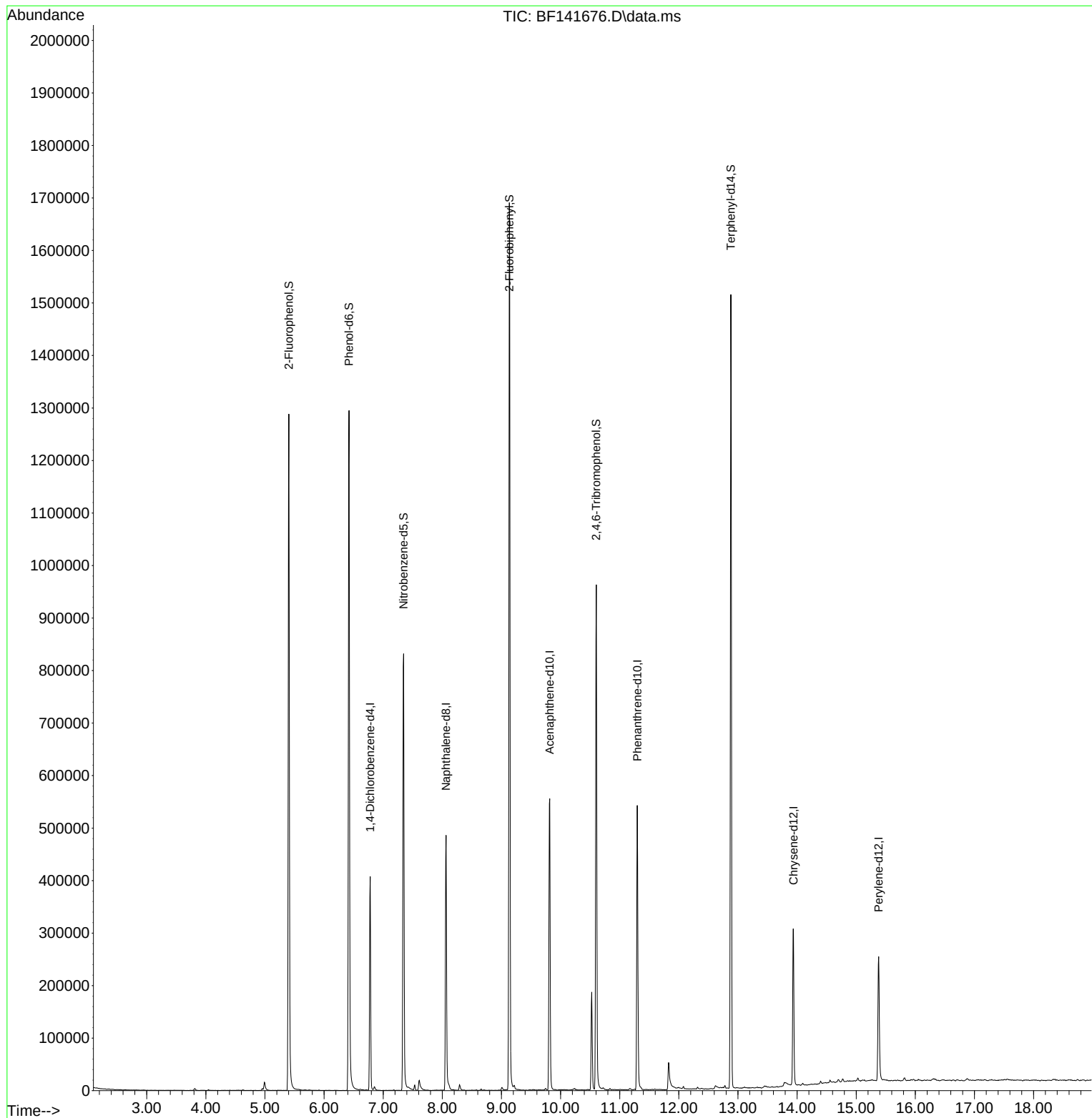
Target Compounds	Qvalue

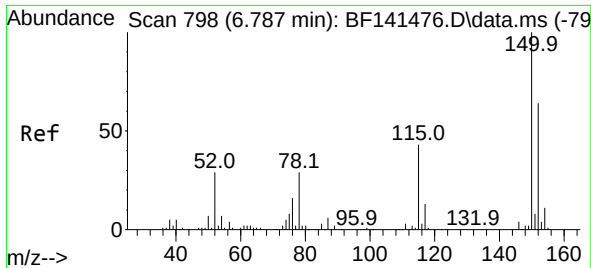
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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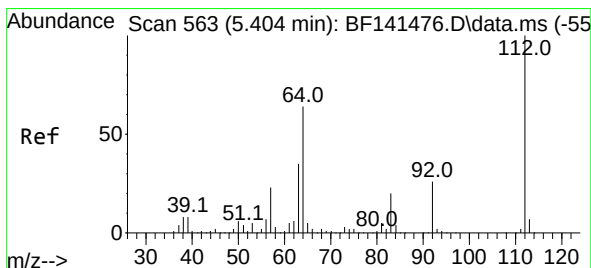
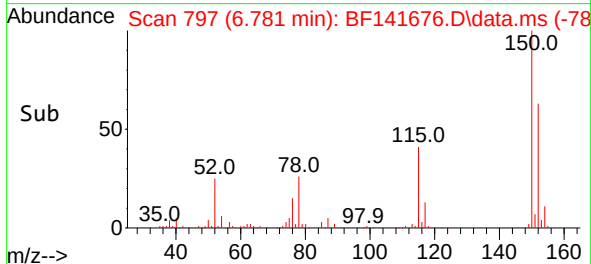
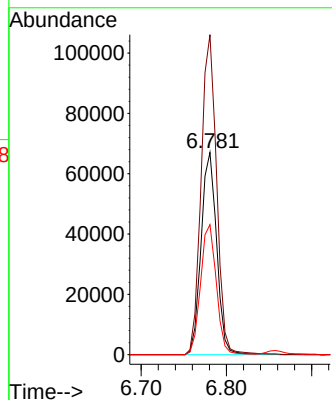
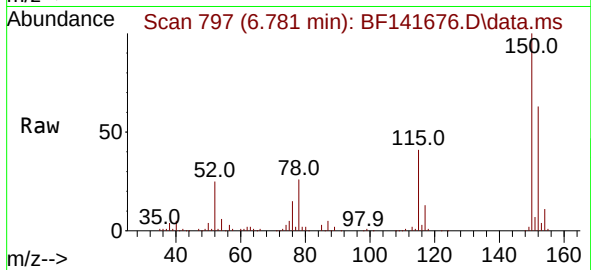




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF141676.D
 Acq: 19 Feb 2025 15:45

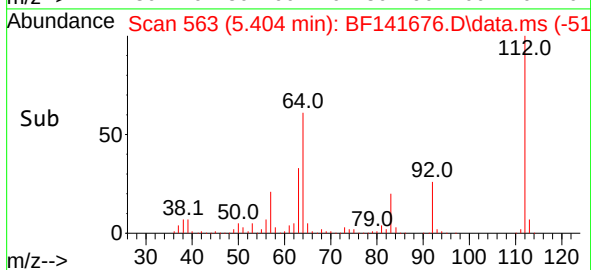
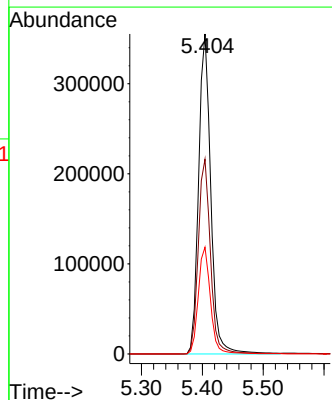
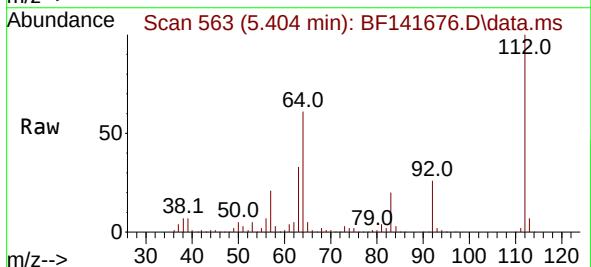
Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-03-021725

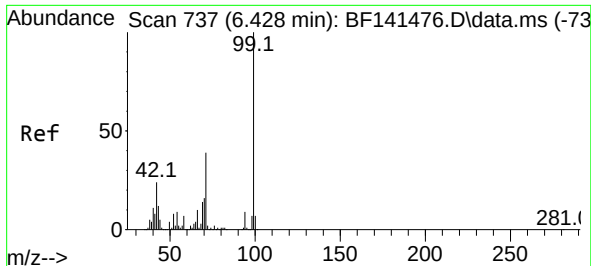
Tgt Ion:152 Resp: 85261
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.0 187.4
 115 64.3 53.6 80.4



#5
 2-Fluorophenol
 Concen: 90.562 ng
 RT: 5.404 min Scan# 563
 Delta R.T. -0.006 min
 Lab File: BF141676.D
 Acq: 19 Feb 2025 15:45

Tgt Ion:112 Resp: 492518
 Ion Ratio Lower Upper
 112 100
 64 60.9 51.1 76.7
 63 33.3 28.4 42.6

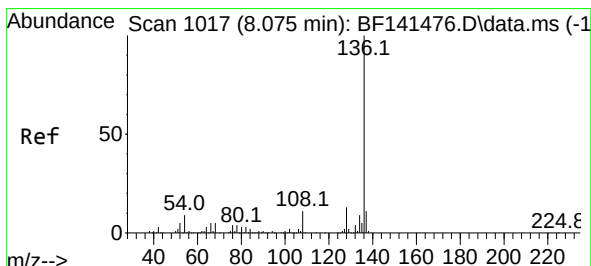
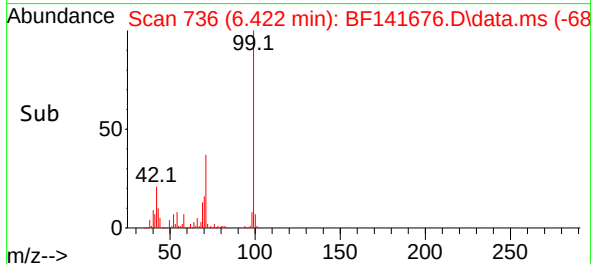
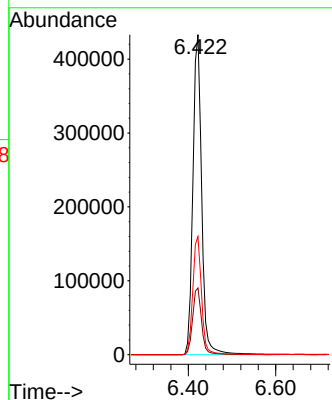
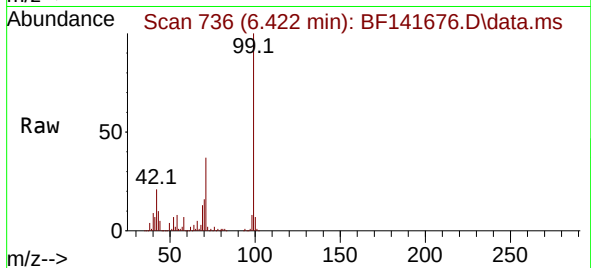




#7
Phenol-d6
Concen: 88.362 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141676.D
Acq: 19 Feb 2025 15:45

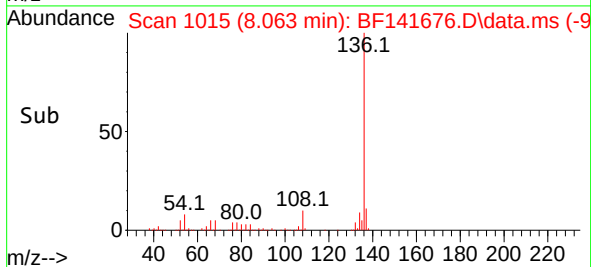
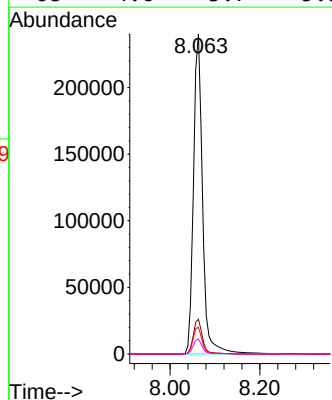
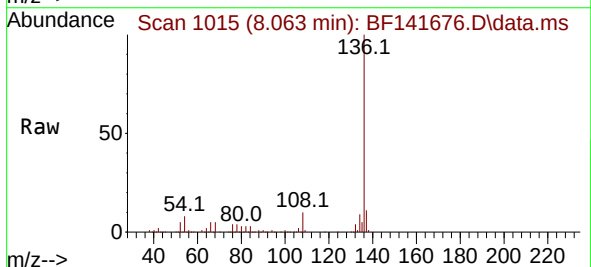
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725

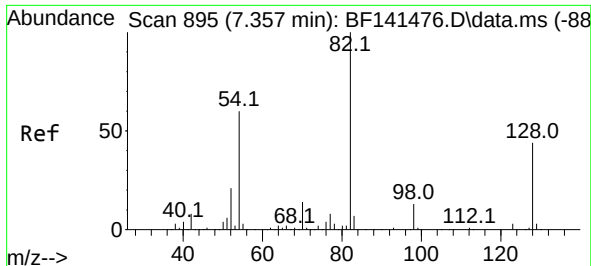
Tgt Ion: 99 Resp: 607378
Ion Ratio Lower Upper
99 100
42 20.9 19.1 28.7
71 36.9 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141676.D
Acq: 19 Feb 2025 15:45

Tgt Ion: 136 Resp: 338240
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 7.2 10.8
68 4.6 3.7 5.5





#23

Nitrobenzene-d5

Concen: 60.979 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141676.D

Acq: 19 Feb 2025 15:45

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-03-021725

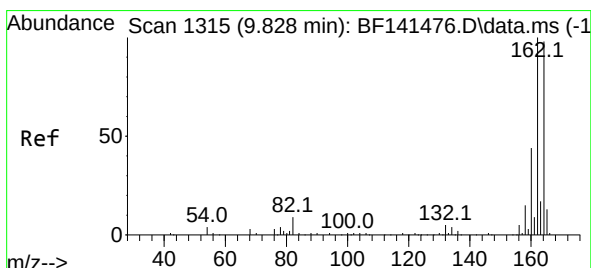
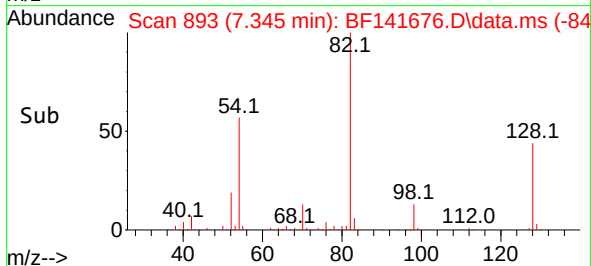
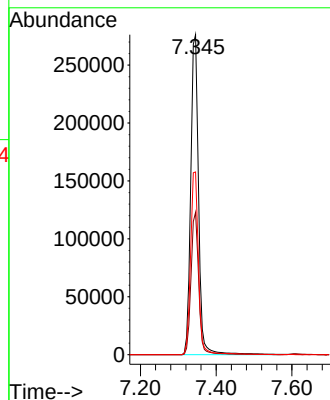
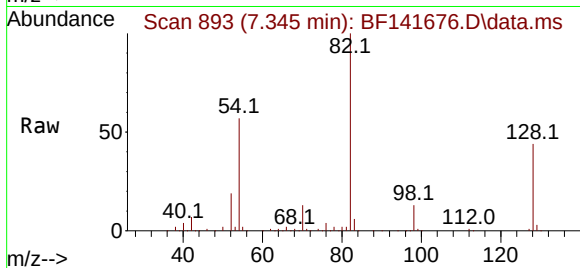
Tgt Ion: 82 Resp: 395440

Ion Ratio Lower Upper

82 100

128 44.5 34.8 52.2

54 57.1 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BF141676.D

Acq: 19 Feb 2025 15:45

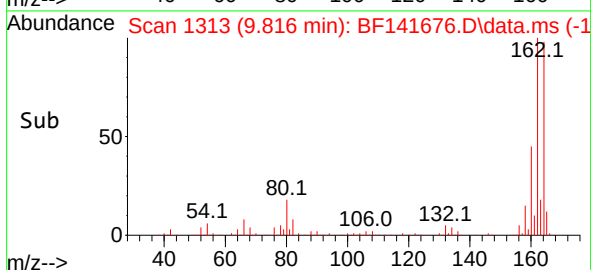
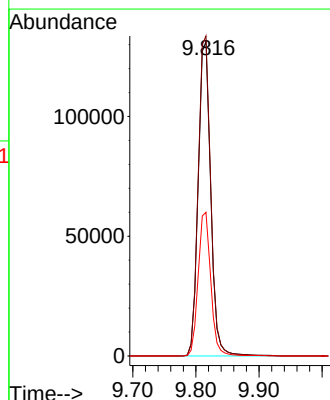
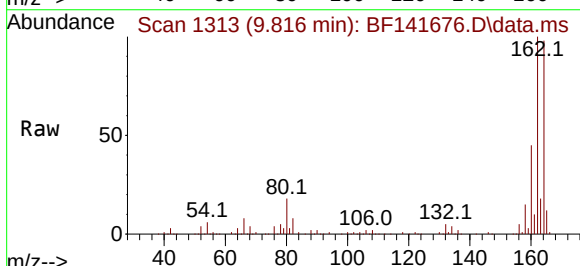
Tgt Ion:164 Resp: 180374

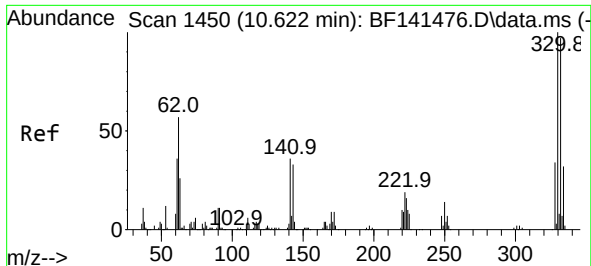
Ion Ratio Lower Upper

164 100

162 101.8 81.3 121.9

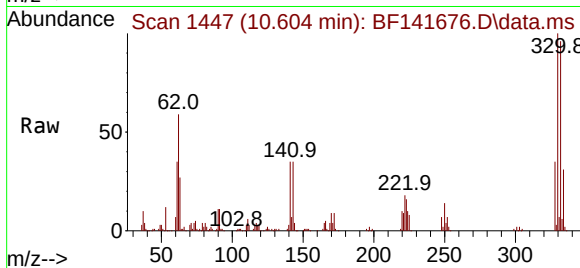
160 45.7 35.9 53.9



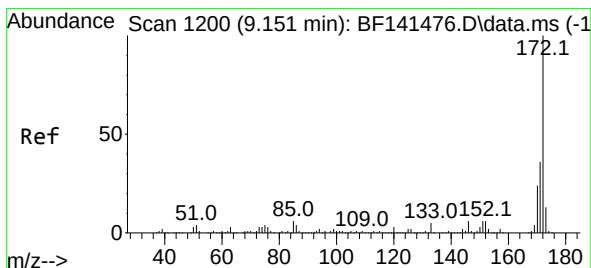
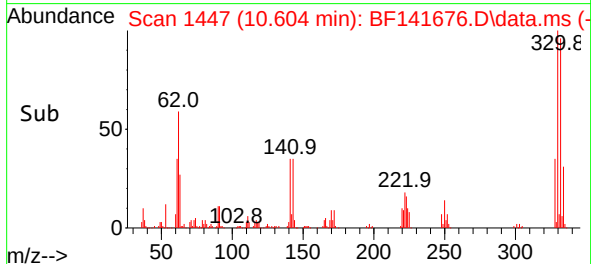
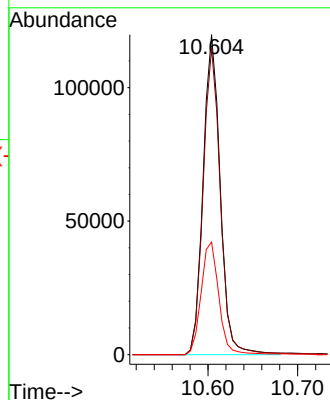


#42
2,4,6-Tribromophenol
Concen: 87.658 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141676.D
Acq: 19 Feb 2025 15:45

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-TC-03-021725

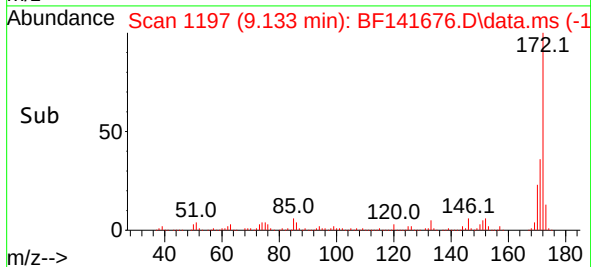
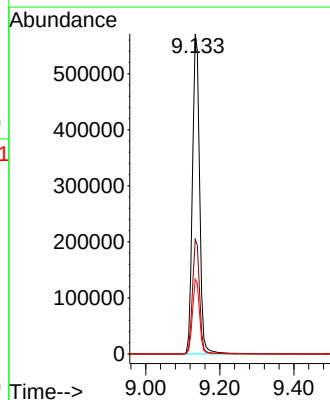
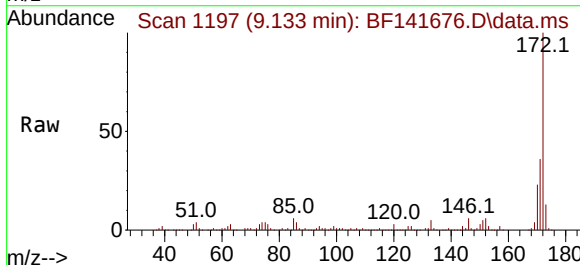


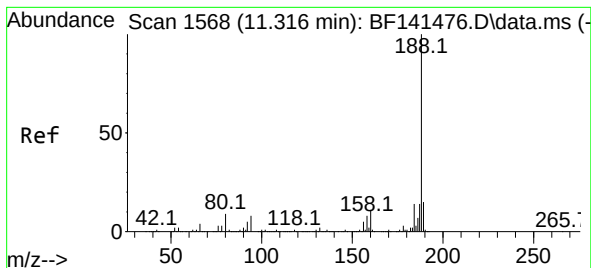
Tgt Ion: 330 Resp: 158831
Ion Ratio Lower Upper
330 100
332 96.7 78.5 117.7
141 36.8 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 65.596 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141676.D
Acq: 19 Feb 2025 15:45

Tgt Ion: 172 Resp: 767983
Ion Ratio Lower Upper
172 100
171 35.8 28.7 43.1
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141676.D

Acq: 19 Feb 2025 15:45

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-TC-03-021725

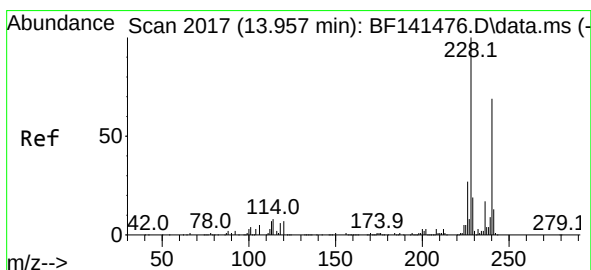
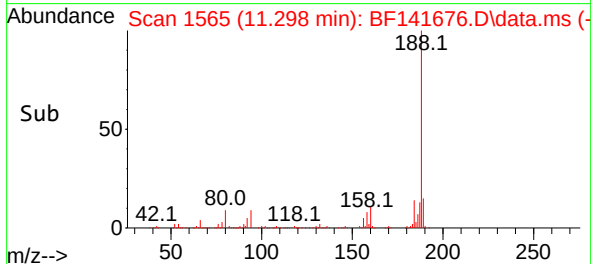
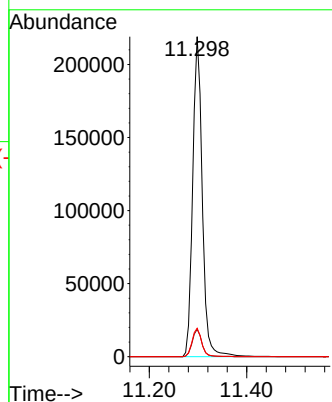
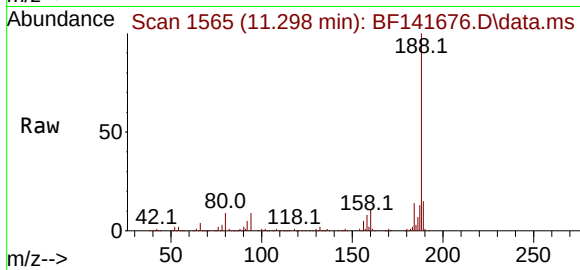
Tgt Ion:188 Resp: 300038

Ion Ratio Lower Upper

188 100

94 8.5 6.6 10.0

80 8.9 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: BF141676.D

Acq: 19 Feb 2025 15:45

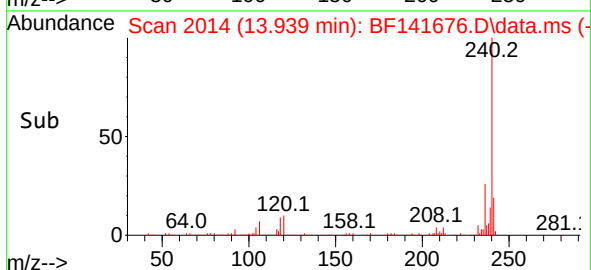
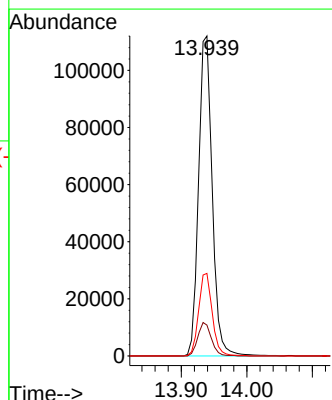
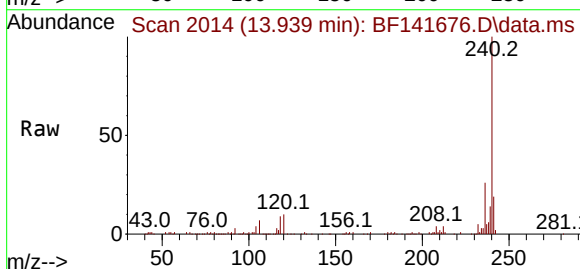
Tgt Ion:240 Resp: 162405

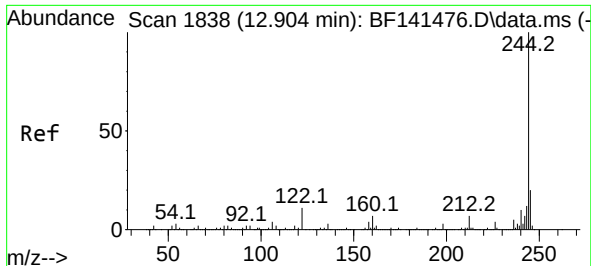
Ion Ratio Lower Upper

240 100

120 9.7 8.0 12.0

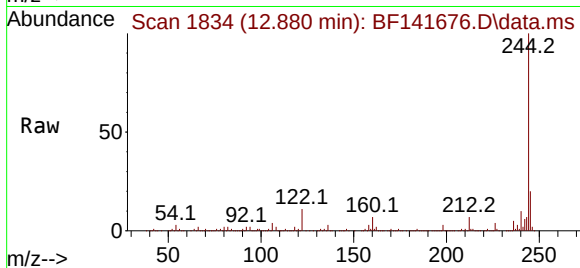
236 25.8 19.8 29.8



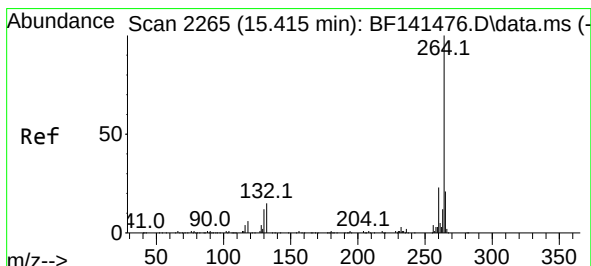
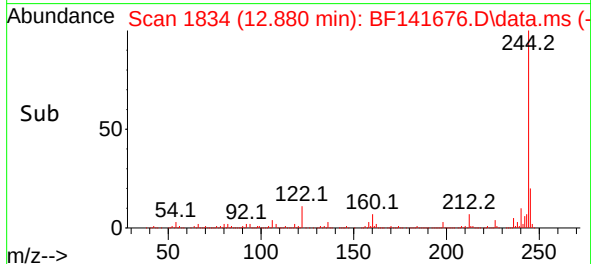
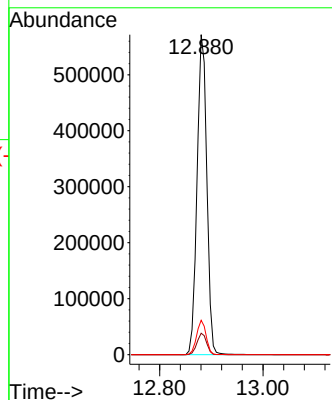


#79
 Terphenyl-d14
 Concen: 77.792 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141676.D
 Acq: 19 Feb 2025 15:45

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-TC-03-021725



Tgt Ion:244 Resp: 748368
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.8 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: BF141676.D
 Acq: 19 Feb 2025 15:45

Tgt Ion:264 Resp: 150976
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.6 28.0
 265 20.9 17.0 25.4

