

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141742.D
 Acq On : 24 Feb 2025 14:10
 Operator : RC/JU
 Sample : Q1397-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCK-PILE

Quant Time: Feb 24 14:33:19 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)

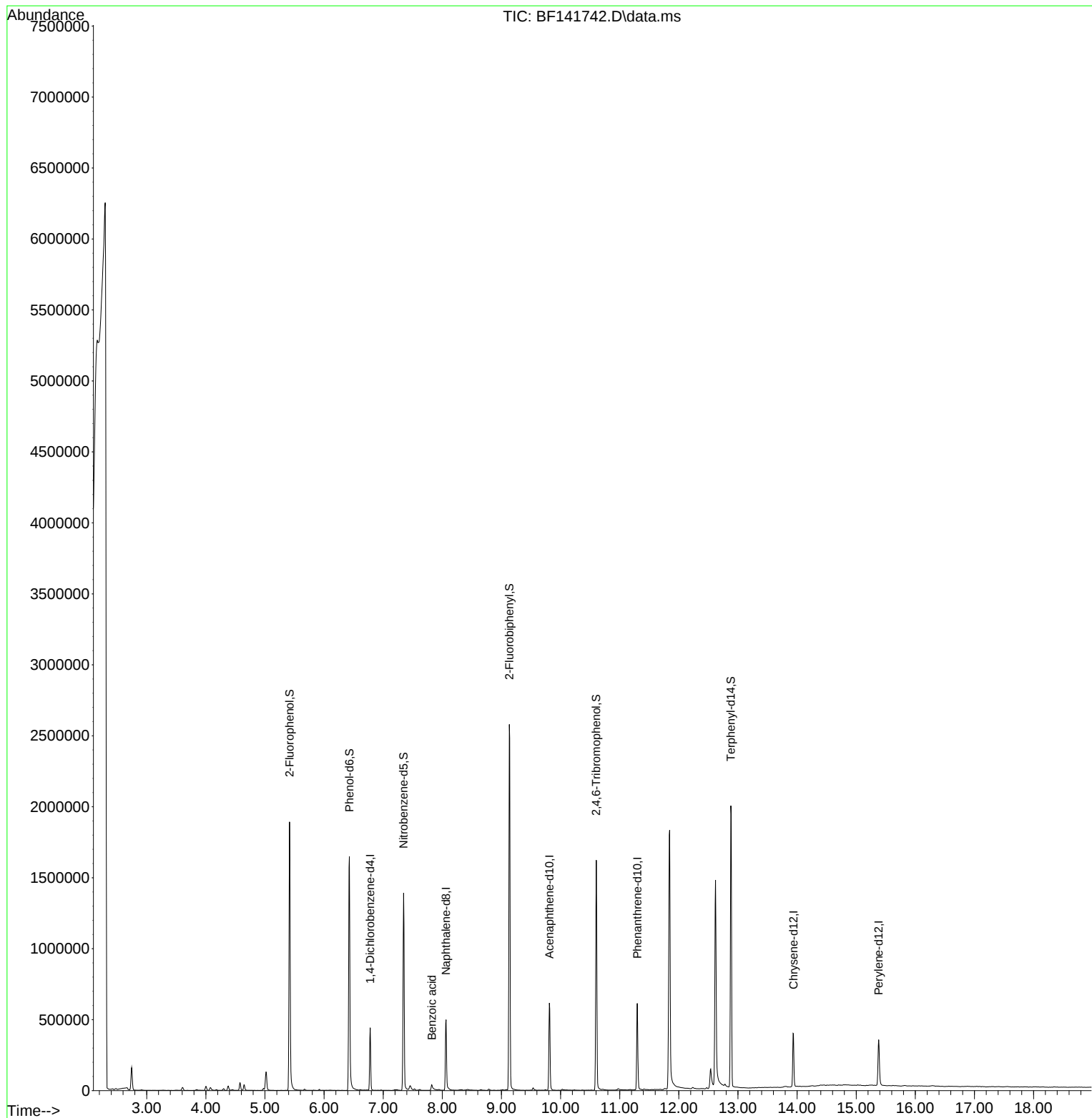
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	92197	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	356919	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	193848	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	322685	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	200988	20.000	ng	-0.02
86) Perylene-d12	15.380	264	209866	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	739111	125.680	ng	0.00
7) Phenol-d6	6.428	99	830329	111.709	ng	-0.01
23) Nitrobenzene-d5	7.345	82	651144	95.155	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	271583	139.467	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	1196165	95.067	ng	-0.02
79) Terphenyl-d14	12.880	244	1023893	86.001	ng	-0.02
Target Compounds						
32) Benzoic acid	7.822	122	18010	4.471	ng	Qvalue 96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
Data File : BF141742.D
Acq On : 24 Feb 2025 14:10
Operator : RC/JU
Sample : Q1397-02
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Quant Time: Feb 24 14:33:19 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

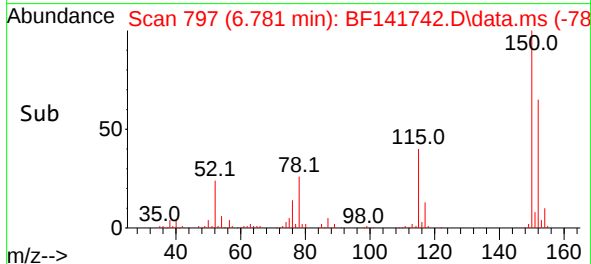
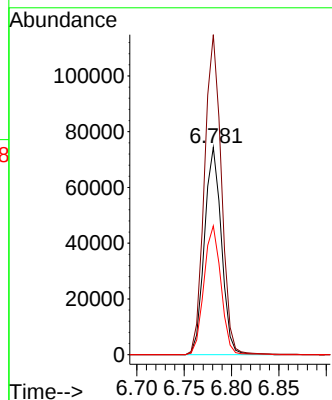
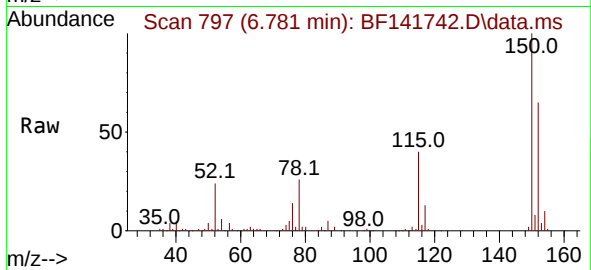




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

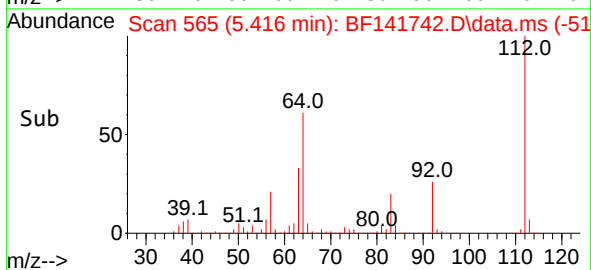
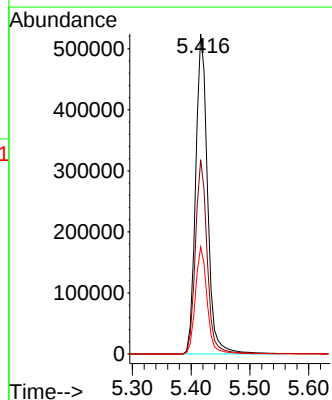
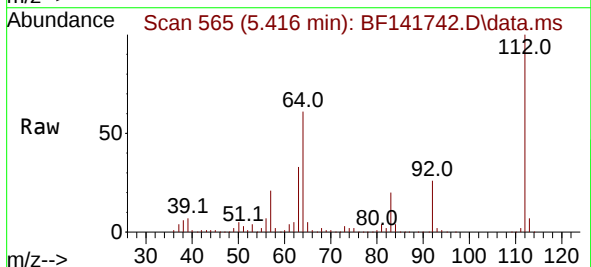
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

Tgt Ion:152 Resp: 92197
Ion Ratio Lower Upper
152 100
150 154.3 125.0 187.4
115 62.1 53.6 80.4



#5
2-Fluorophenol
Concen: 125.680 ng
RT: 5.416 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Tgt Ion:112 Resp: 739111
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 33.5 28.4 42.6

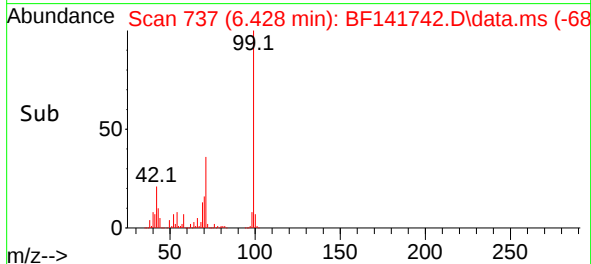
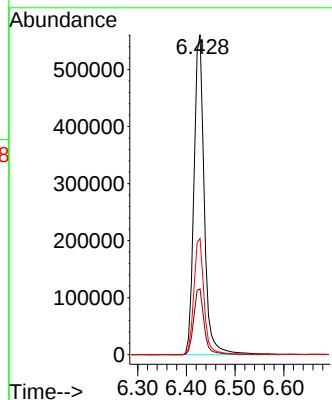
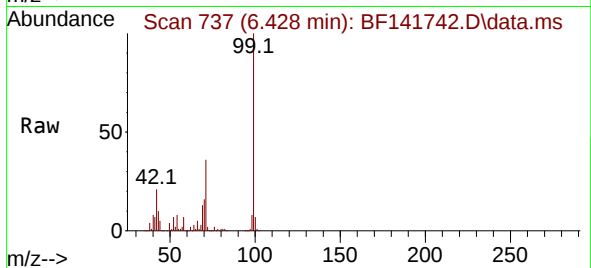




#7
Phenol-d6
Concen: 111.709 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

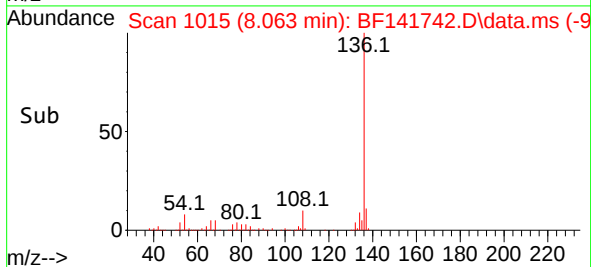
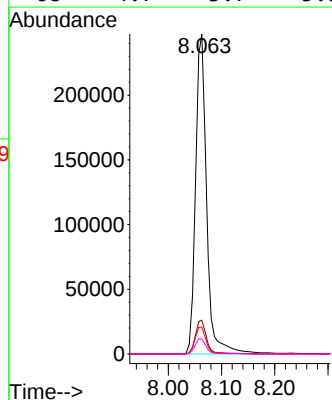
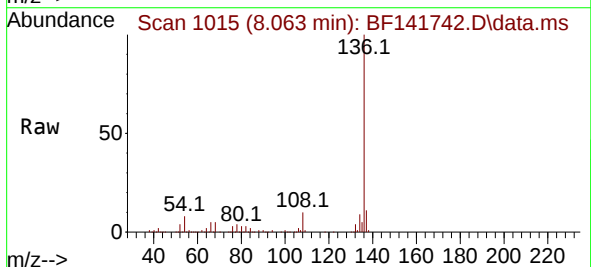
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

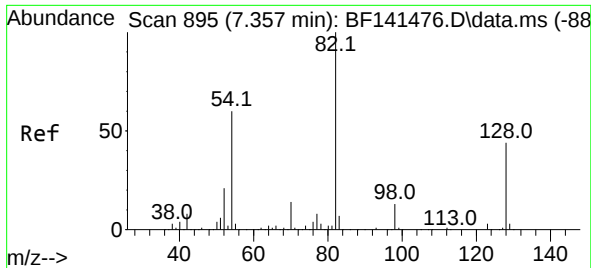
Tgt Ion: 99 Resp: 830329
Ion Ratio Lower Upper
99 100
42 20.5 19.1 28.7
71 36.3 31.1 46.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Tgt Ion: 136 Resp: 356919
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.4 7.2 10.8
68 4.7 3.7 5.5





#23

Nitrobenzene-d5

Concen: 95.155 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141742.D

Acq: 24 Feb 2025 14:10

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

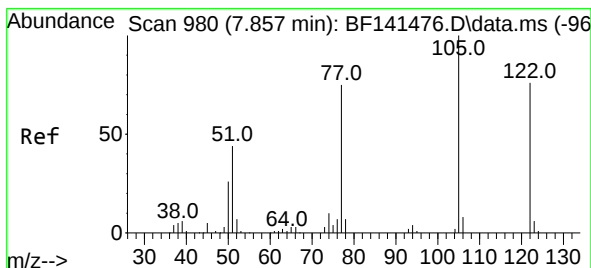
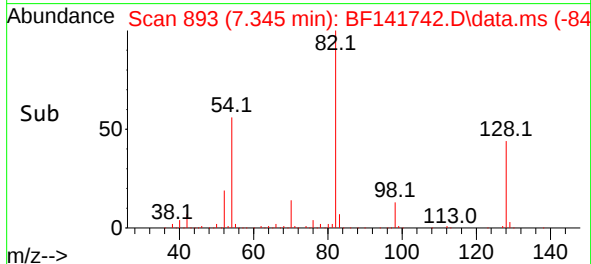
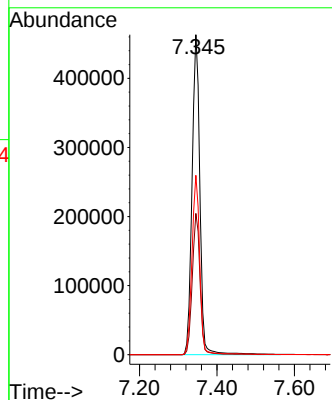
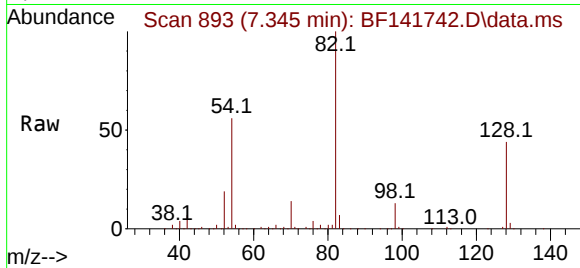
Tgt Ion: 82 Resp: 651144

Ion Ratio Lower Upper

82 100

128 44.2 34.8 52.2

54 56.1 48.2 72.4



#32

Benzoic acid

Concen: 4.471 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.070 min

Lab File: BF141742.D

Acq: 24 Feb 2025 14:10

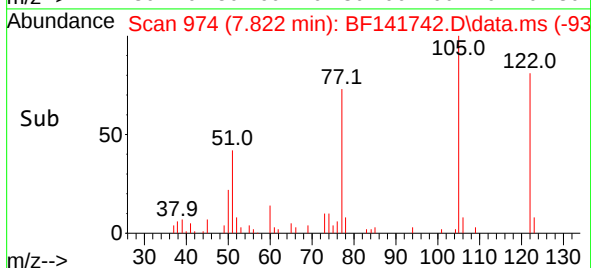
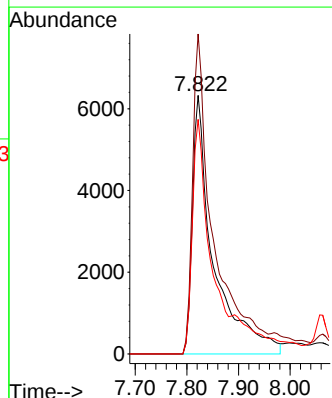
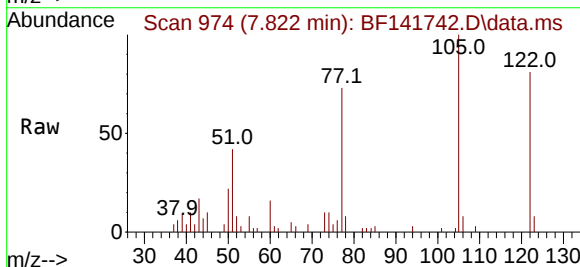
Tgt Ion: 122 Resp: 18010

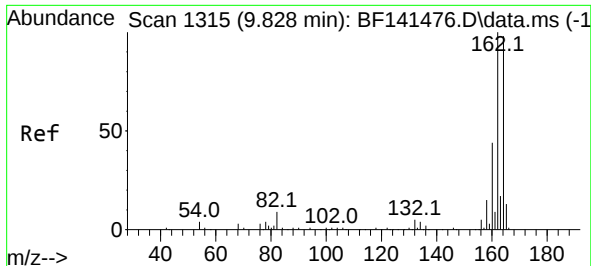
Ion Ratio Lower Upper

122 100

105 123.8 106.5 146.5

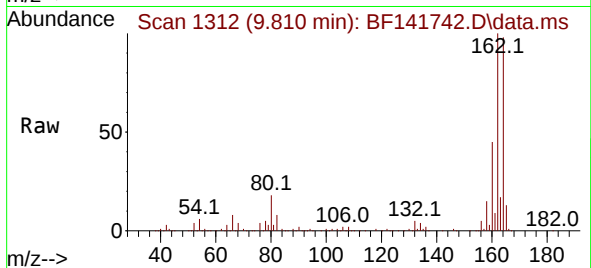
77 90.8 76.3 116.3



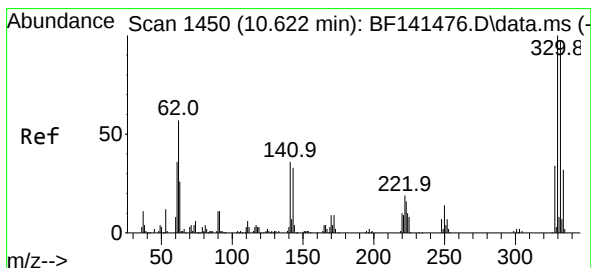
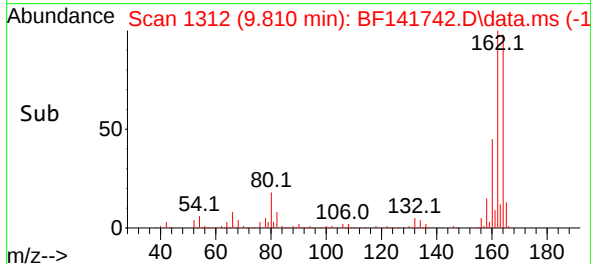
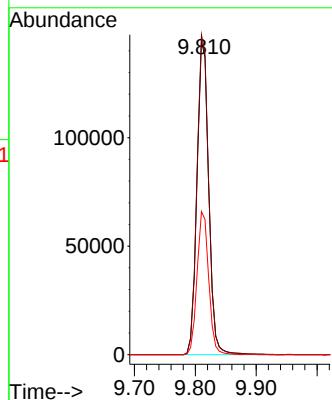


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

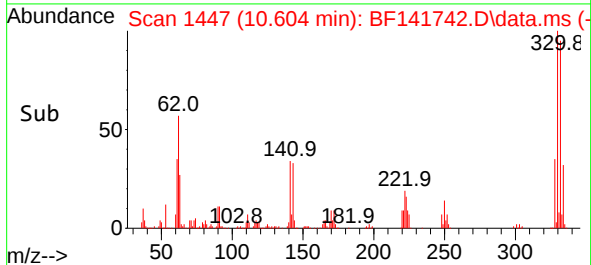
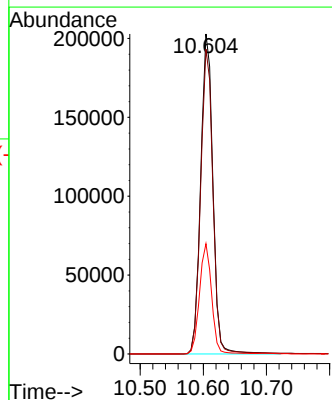
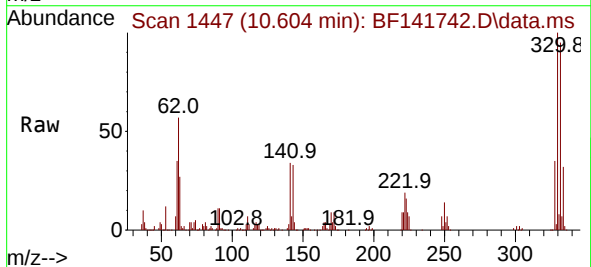


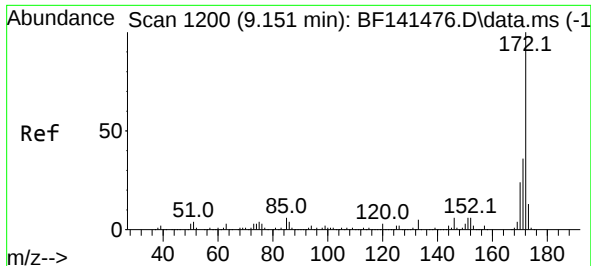
Tgt Ion:164 Resp: 193848
Ion Ratio Lower Upper
164 100
162 101.9 81.3 121.9
160 45.6 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 139.467 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.023 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Tgt Ion:330 Resp: 271583
Ion Ratio Lower Upper
330 100
332 96.1 78.5 117.7
141 34.1 31.0 46.4

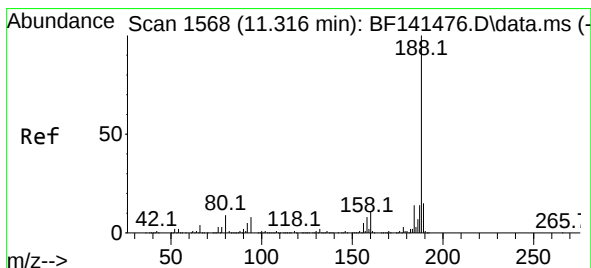
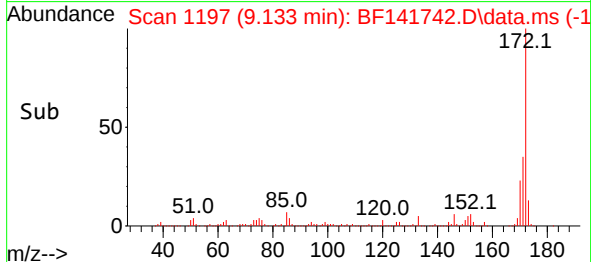
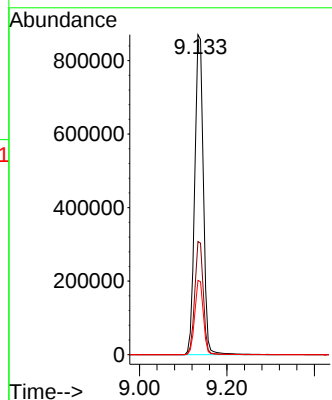
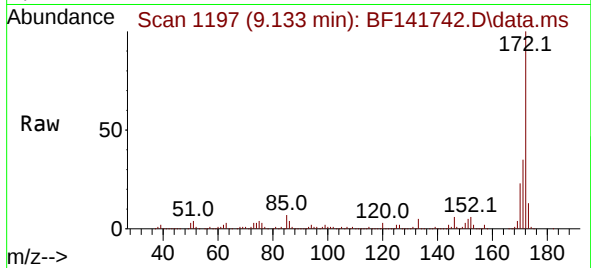




#45
2-Fluorobiphenyl
Concen: 95.067 ng
RT: 9.133 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

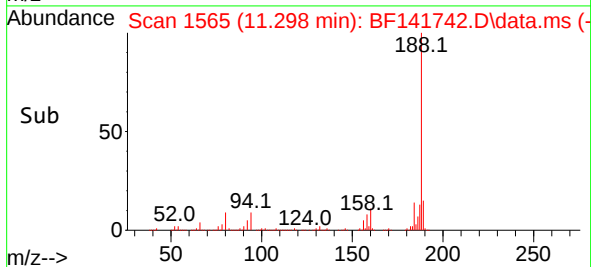
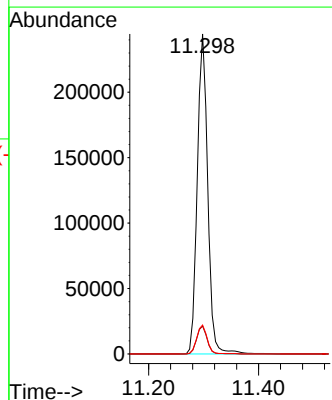
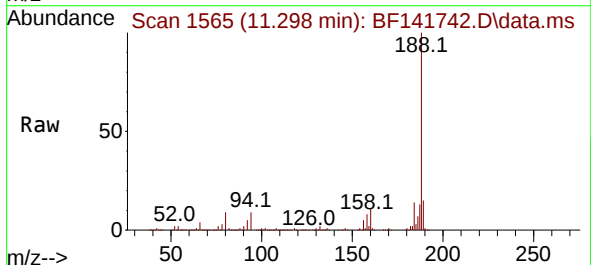
Instrument :
BNA_F
ClientSampleId :
STOCK-PILE

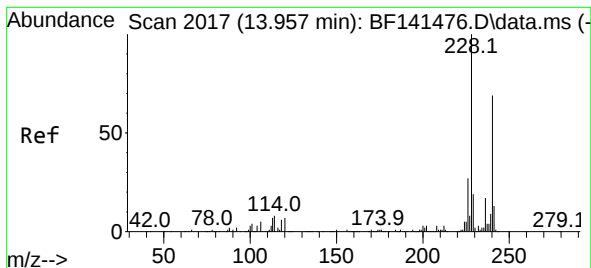
Tgt Ion:172 Resp: 1196165
Ion Ratio Lower Upper
172 100
171 35.4 28.7 43.1
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Tgt Ion:188 Resp: 322685
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 9.0 7.3 10.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.939 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF141742.D

Acq: 24 Feb 2025 14:10

Instrument :

BNA_F

ClientSampleId :

STOCK-PILE

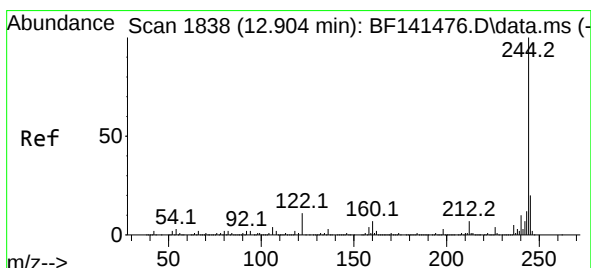
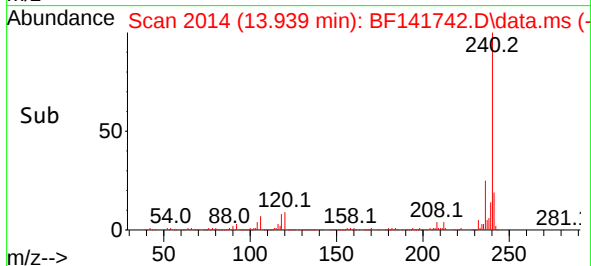
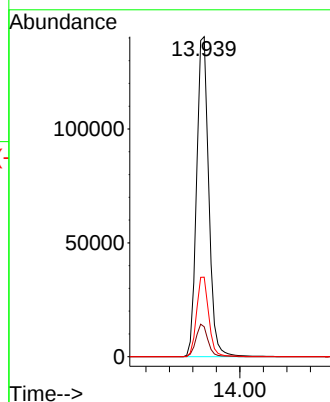
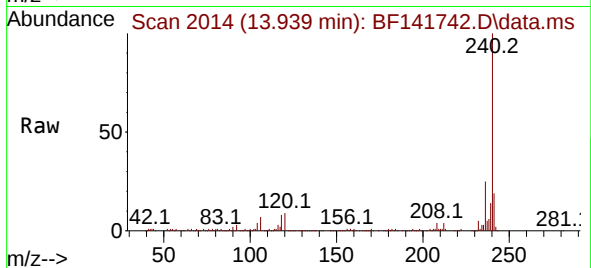
Tgt Ion:240 Resp: 200988

Ion Ratio Lower Upper

240 100

120 9.4 8.0 12.0

236 24.9 19.8 29.8



#79

Terphenyl-d14

Concen: 86.001 ng

RT: 12.880 min Scan# 1834

Delta R.T. -0.023 min

Lab File: BF141742.D

Acq: 24 Feb 2025 14:10

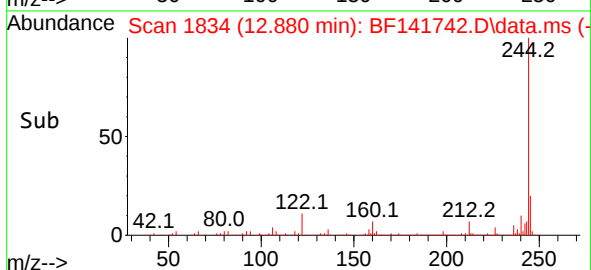
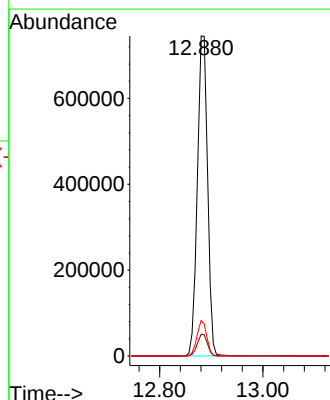
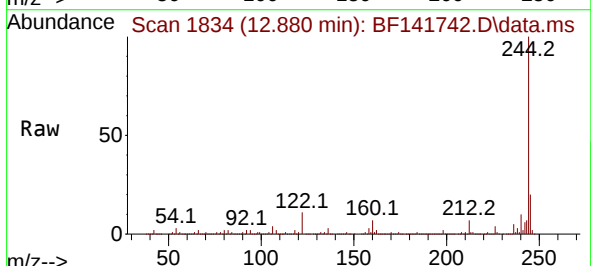
Tgt Ion:244 Resp: 1023893

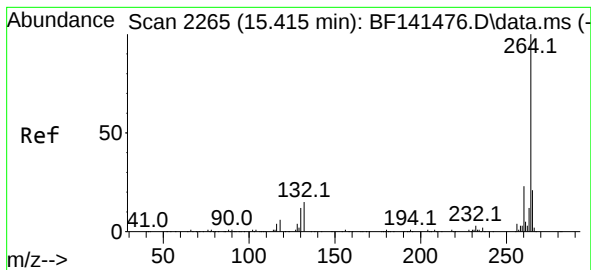
Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

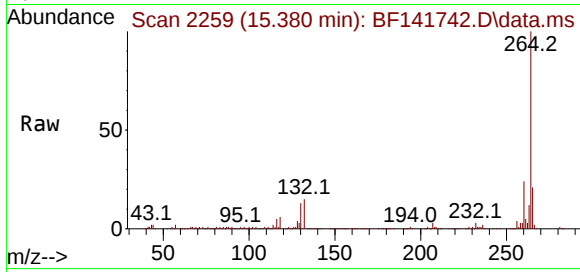
122 11.1 8.4 12.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 21
Delta R.T. -0.035 min
Lab File: BF141742.D
Acq: 24 Feb 2025 14:10

Instrument :
BNA_F
ClientSampleId :
STOCK-PILE



Tgt Ion:264 Resp: 209866
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 21.1 17.0 25.4

