

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141367.D
 Acq On : 03 Feb 2025 14:08
 Operator : RC/JU
 Sample : Q1194-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB

Quant Time: Feb 03 14:36:27 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	101266	20.000	ng	-0.01
21) Naphthalene-d8	8.075	136	409757	20.000	ng	-0.01
39) Acenaphthene-d10	9.828	164	228085	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	407498	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	332056	20.000	ng	-0.02
86) Perylene-d12	15.410	264	264824	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	336523	51.017	ng	0.00
7) Phenol-d6	6.434	99	279381	33.294	ng	0.00
23) Nitrobenzene-d5	7.357	82	500491	64.390	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	221354	105.860	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	971685	65.572	ng	-0.01
79) Terphenyl-d14	12.910	244	1509500	70.107	ng	0.00

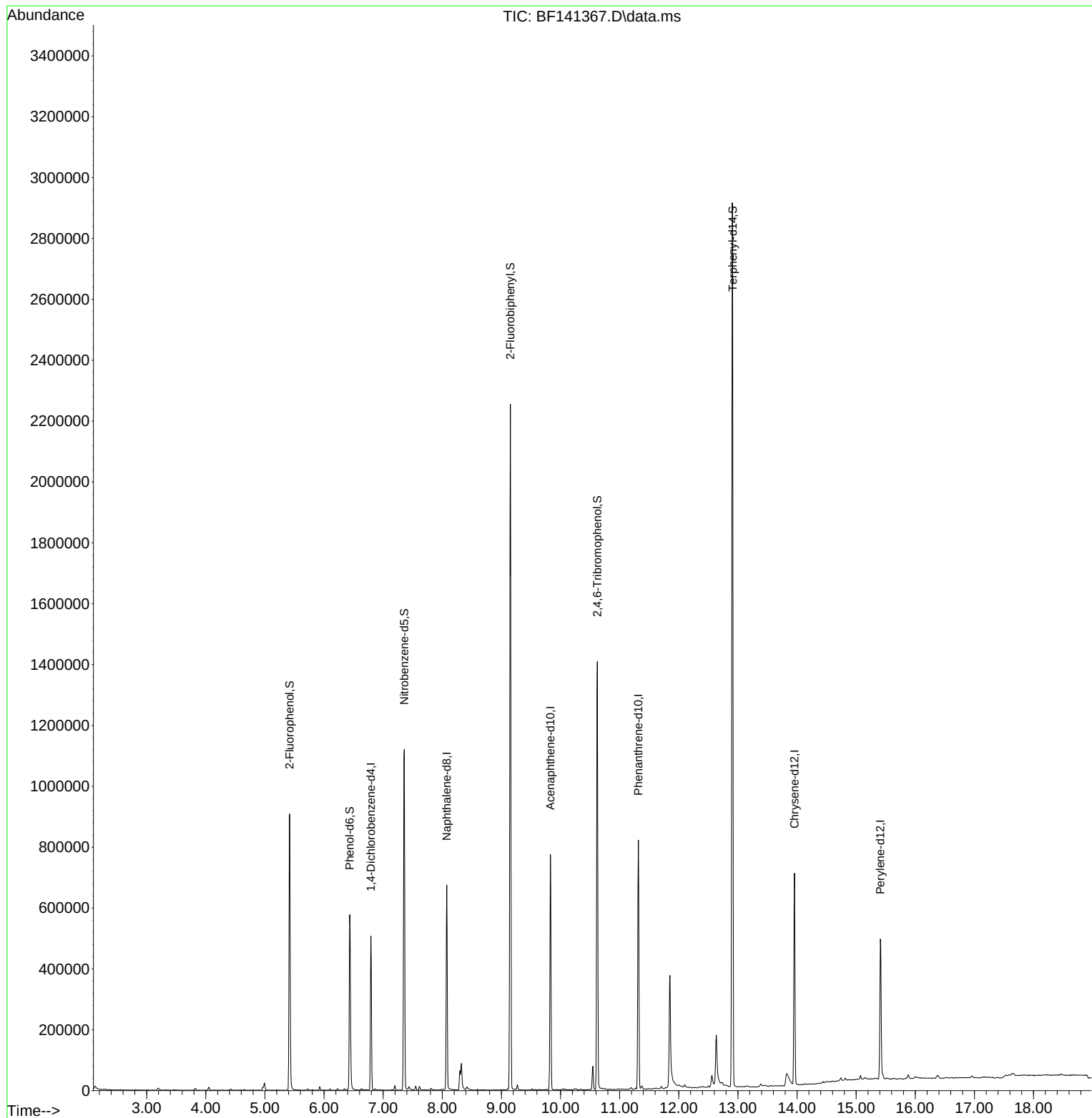
Target Compounds	Qvalue

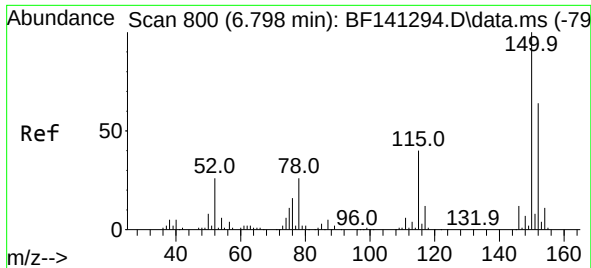
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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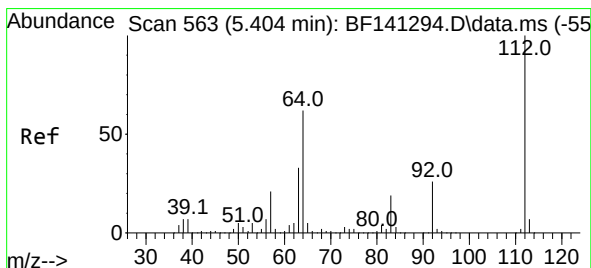
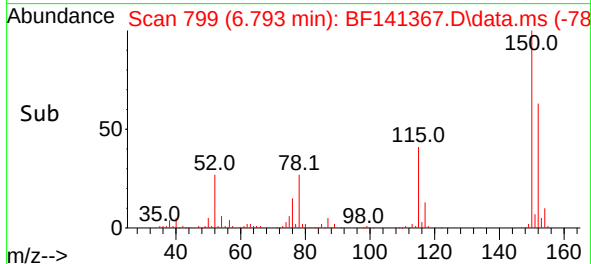
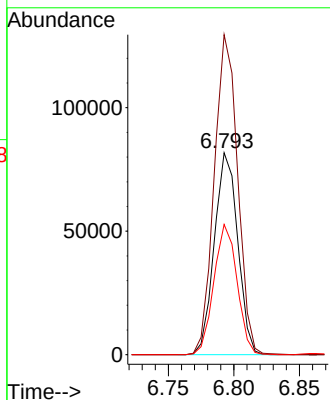
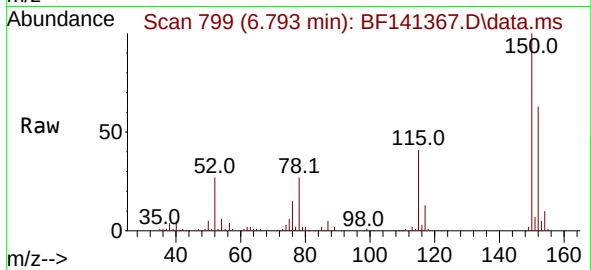




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141367.D
 Acq: 03 Feb 2025 14:08

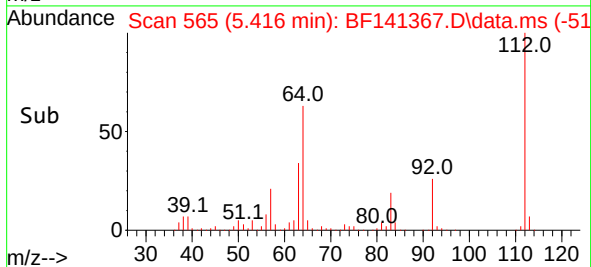
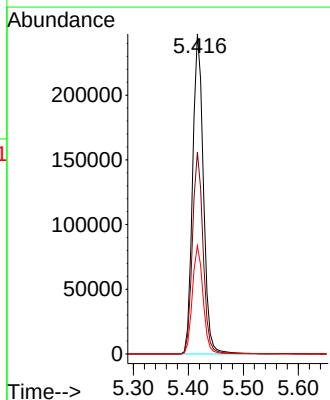
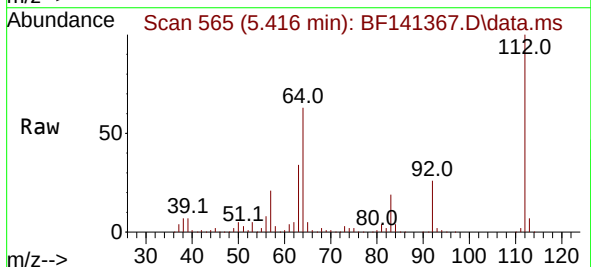
Instrument :
 BNA_F
 ClientSampleId :
 EB

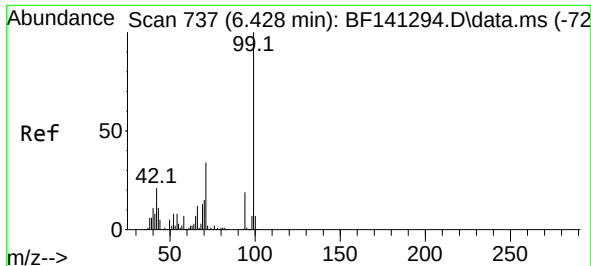
Tgt Ion:152 Resp: 101266
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.9 188.9
 115 64.5 49.7 74.5



#5
 2-Fluorophenol
 Concen: 51.017 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141367.D
 Acq: 03 Feb 2025 14:08

Tgt Ion:112 Resp: 336523
 Ion Ratio Lower Upper
 112 100
 64 63.0 49.8 74.8
 63 33.8 26.1 39.1





#7

Phenol-d6

Concen: 33.294 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141367.D

Acq: 03 Feb 2025 14:08

Instrument :

BNA_F

ClientSampleId :

EB

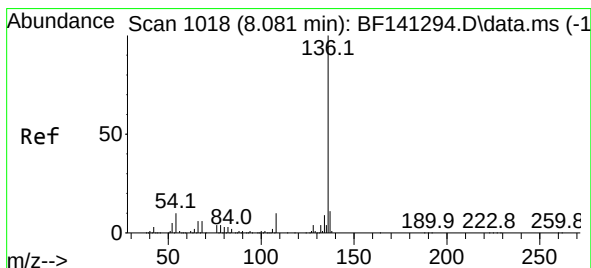
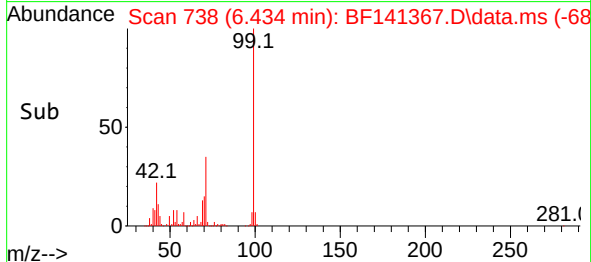
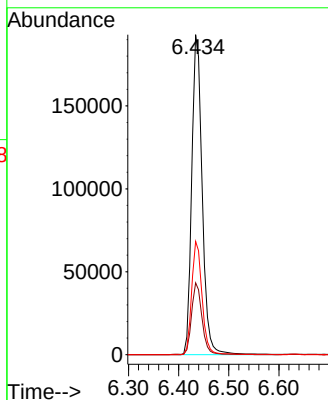
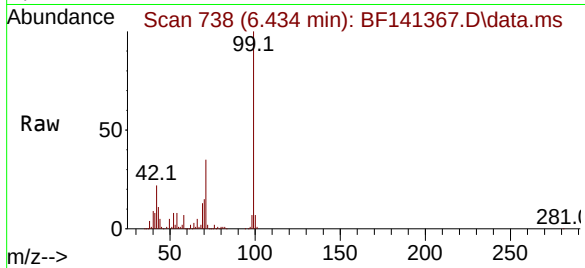
Tgt Ion: 99 Resp: 279381

Ion Ratio Lower Upper

99 100

42 22.4 17.1 25.7

71 35.4 26.9 40.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1017

Delta R.T. -0.012 min

Lab File: BF141367.D

Acq: 03 Feb 2025 14:08

Tgt Ion: 136 Resp: 409757

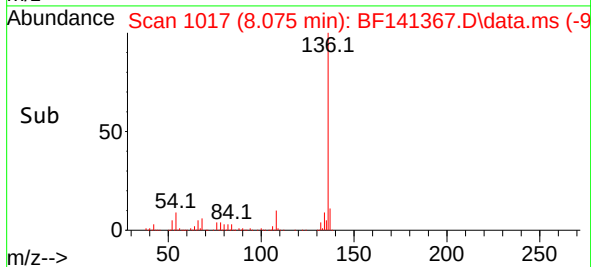
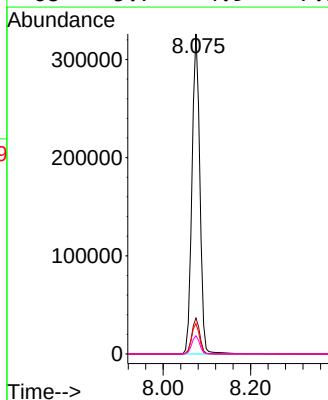
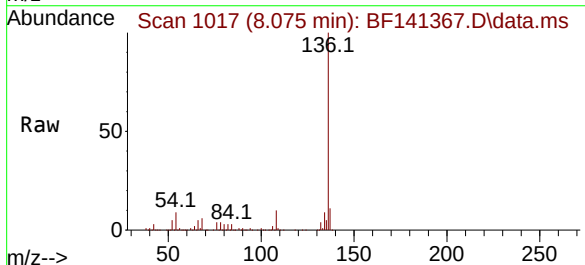
Ion Ratio Lower Upper

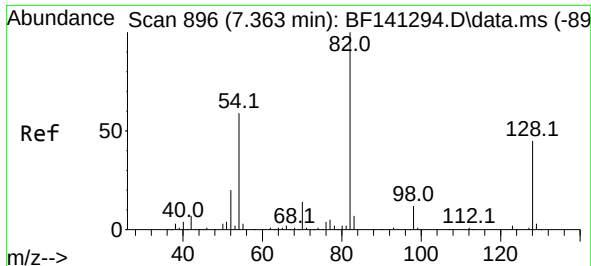
136 100

137 11.2 8.6 13.0

54 9.5 7.8 11.8

68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 64.390 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF141367.D

Acq: 03 Feb 2025 14:08

Instrument :

BNA_F

ClientSampleId :

EB

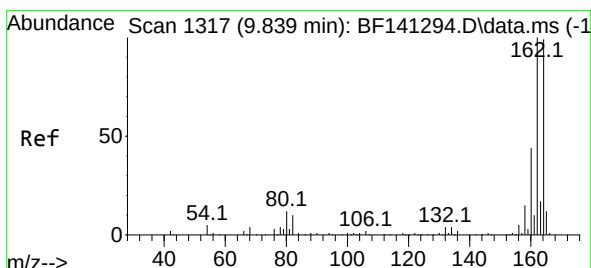
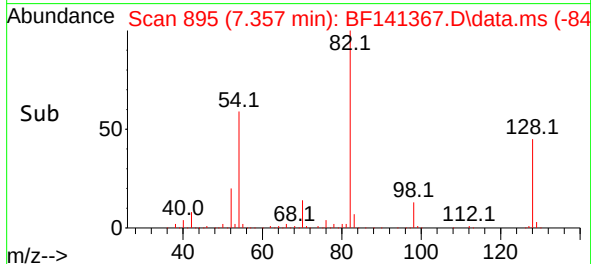
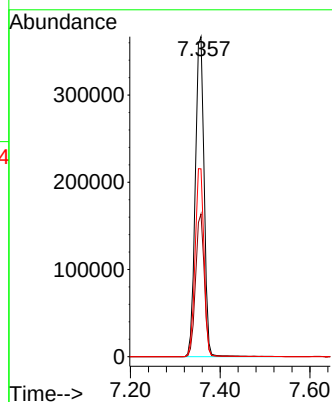
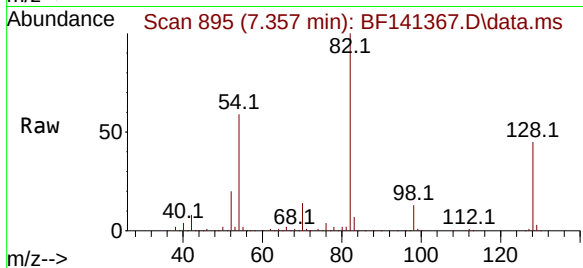
Tgt Ion: 82 Resp: 500491

Ion Ratio Lower Upper

82 100

128 44.6 35.7 53.5

54 58.7 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1315

Delta R.T. -0.012 min

Lab File: BF141367.D

Acq: 03 Feb 2025 14:08

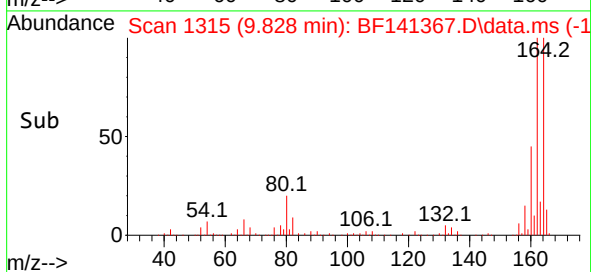
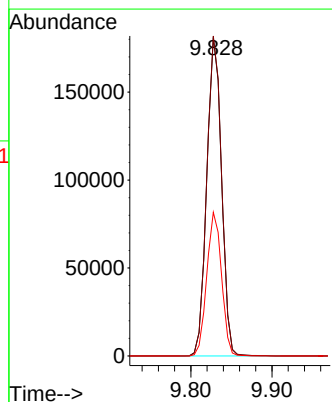
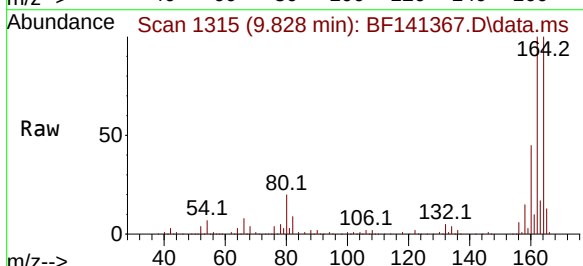
Tgt Ion:164 Resp: 228085

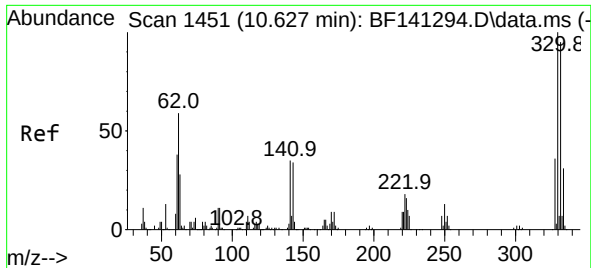
Ion Ratio Lower Upper

164 100

162 100.5 80.6 121.0

160 45.1 35.8 53.6

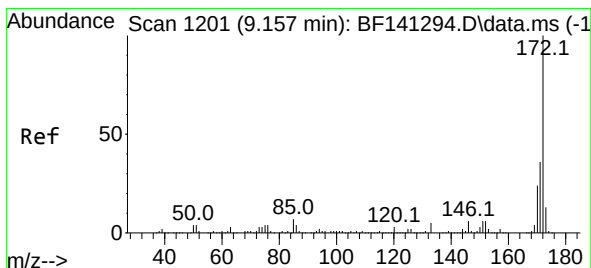
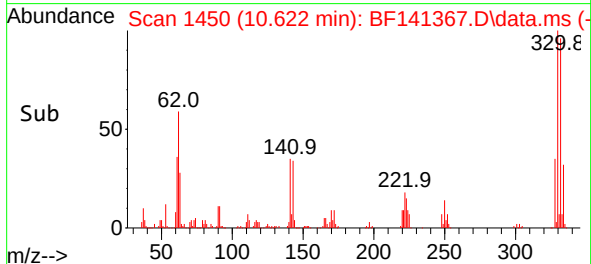
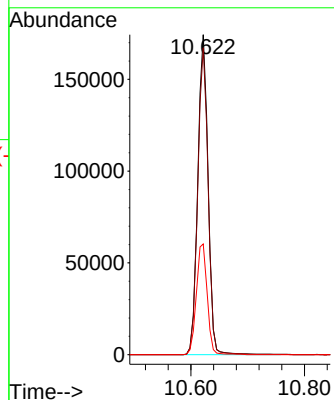
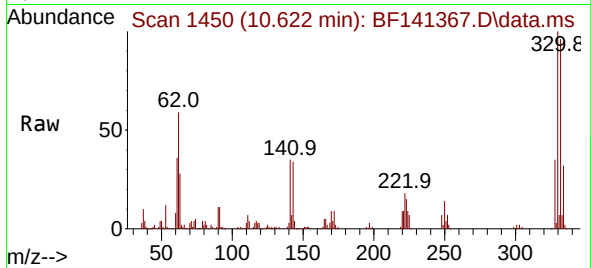




#42
2,4,6-Tribromophenol
Concen: 105.860 ng
RT: 10.622 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

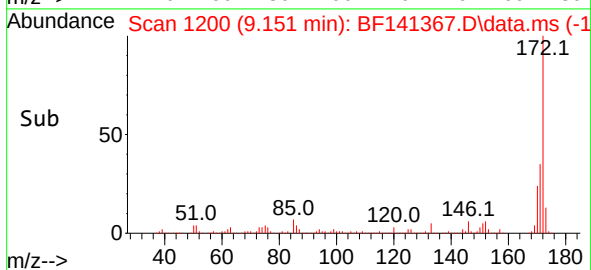
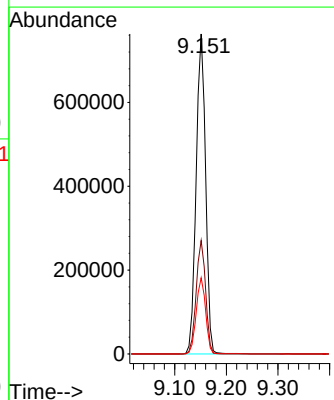
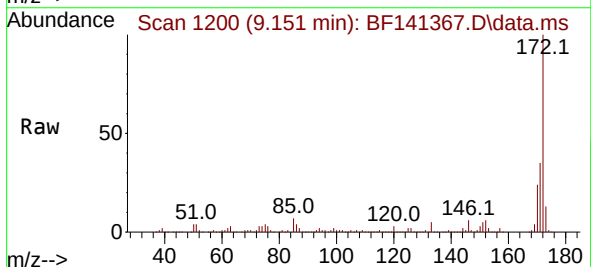
Instrument :
BNA_F
ClientSampleId :
EB

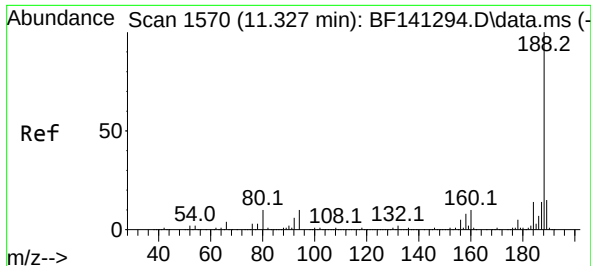
Tgt Ion:330 Resp: 221354
Ion Ratio Lower Upper
330 100
332 96.3 76.1 114.1
141 36.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 65.572 ng
RT: 9.151 min Scan# 1200
Delta R.T. -0.012 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

Tgt Ion:172 Resp: 971685
Ion Ratio Lower Upper
172 100
171 35.5 28.8 43.2
170 23.8 19.0 28.6

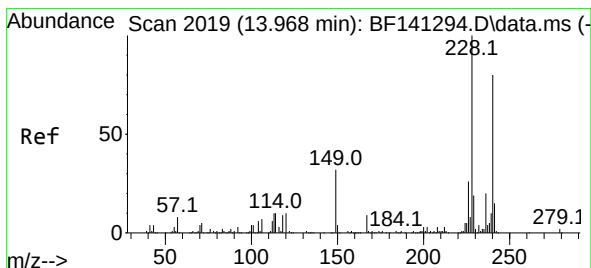
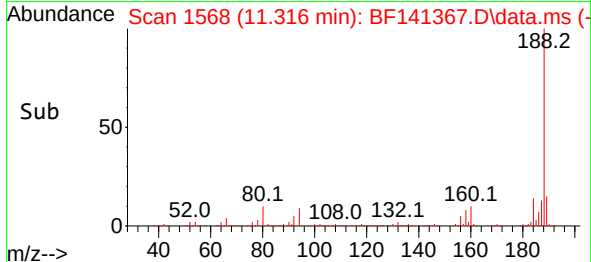
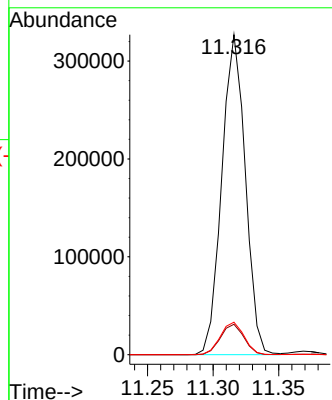
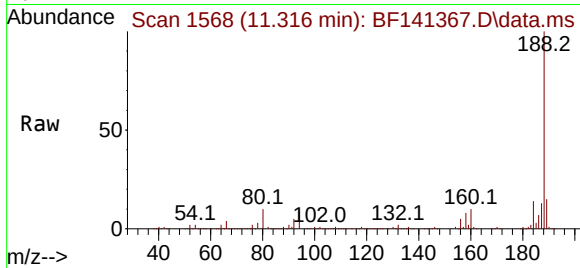




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

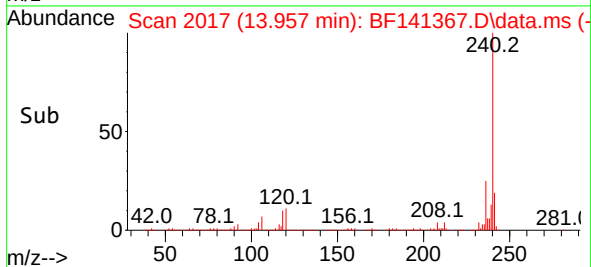
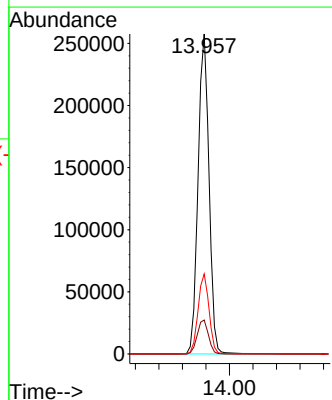
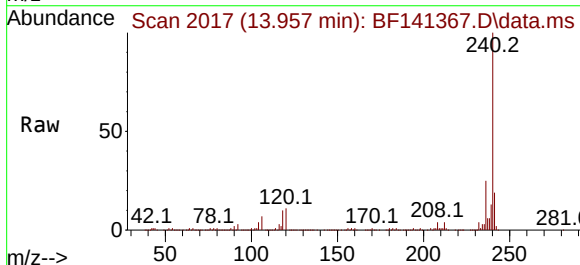
Instrument :
BNA_F
ClientSampleId :
EB

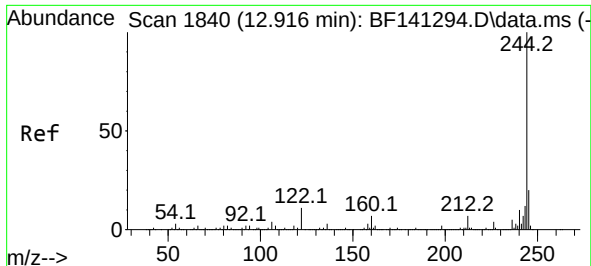
Tgt Ion:188 Resp: 407498
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.018 min
Lab File: BF141367.D
Acq: 03 Feb 2025 14:08

Tgt Ion:240 Resp: 332056
Ion Ratio Lower Upper
240 100
120 10.6 10.0 15.0
236 25.0 19.7 29.5

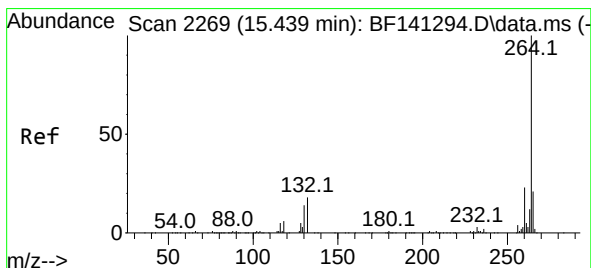
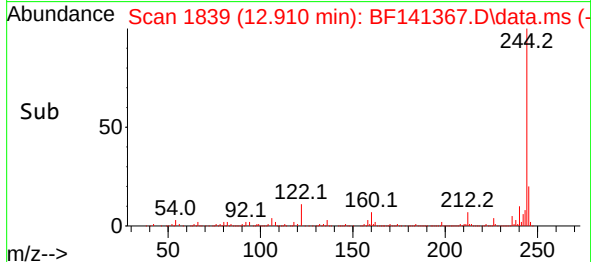
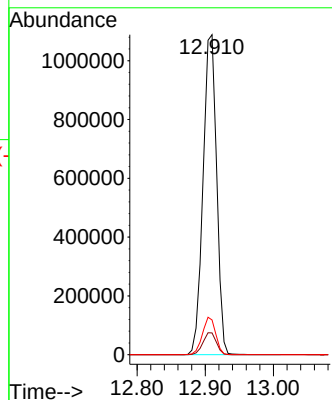
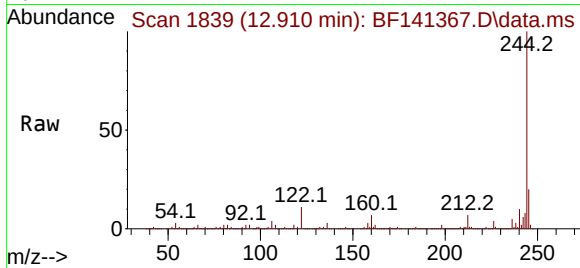




#79
 Terphenyl-d14
 Concen: 70.107 ng
 RT: 12.910 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF141367.D
 Acq: 03 Feb 2025 14:08

Instrument :
 BNA_F
 ClientSampleId :
 EB

Tgt Ion:244 Resp: 1509500
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2264
 Delta R.T. -0.029 min
 Lab File: BF141367.D
 Acq: 03 Feb 2025 14:08

Tgt Ion:264 Resp: 264824
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.6 27.8
 265 21.4 16.7 25.1

