

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF013025\
 Data File : BF141302.D
 Acq On : 30 Jan 2025 09:20
 Operator : RC/JU
 Sample : PB166216BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166216BL

Quant Time: Jan 30 10:13:16 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	6.798	152	148456	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	598873	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	327034	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	565086	20.000	ng	0.00
76) Chrysene-d12	13.963	240	352407	20.000	ng	-0.01
86) Perylene-d12	15.433	264	282065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1146726	118.584	ng	0.00
7) Phenol-d6	6.428	99	1420365	115.461	ng	-0.01
23) Nitrobenzene-d5	7.357	82	930682	81.924	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	358268	119.496	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1679961	79.068	ng	0.00
79) Terphenyl-d14	12.916	244	1858915	81.349	ng	0.00

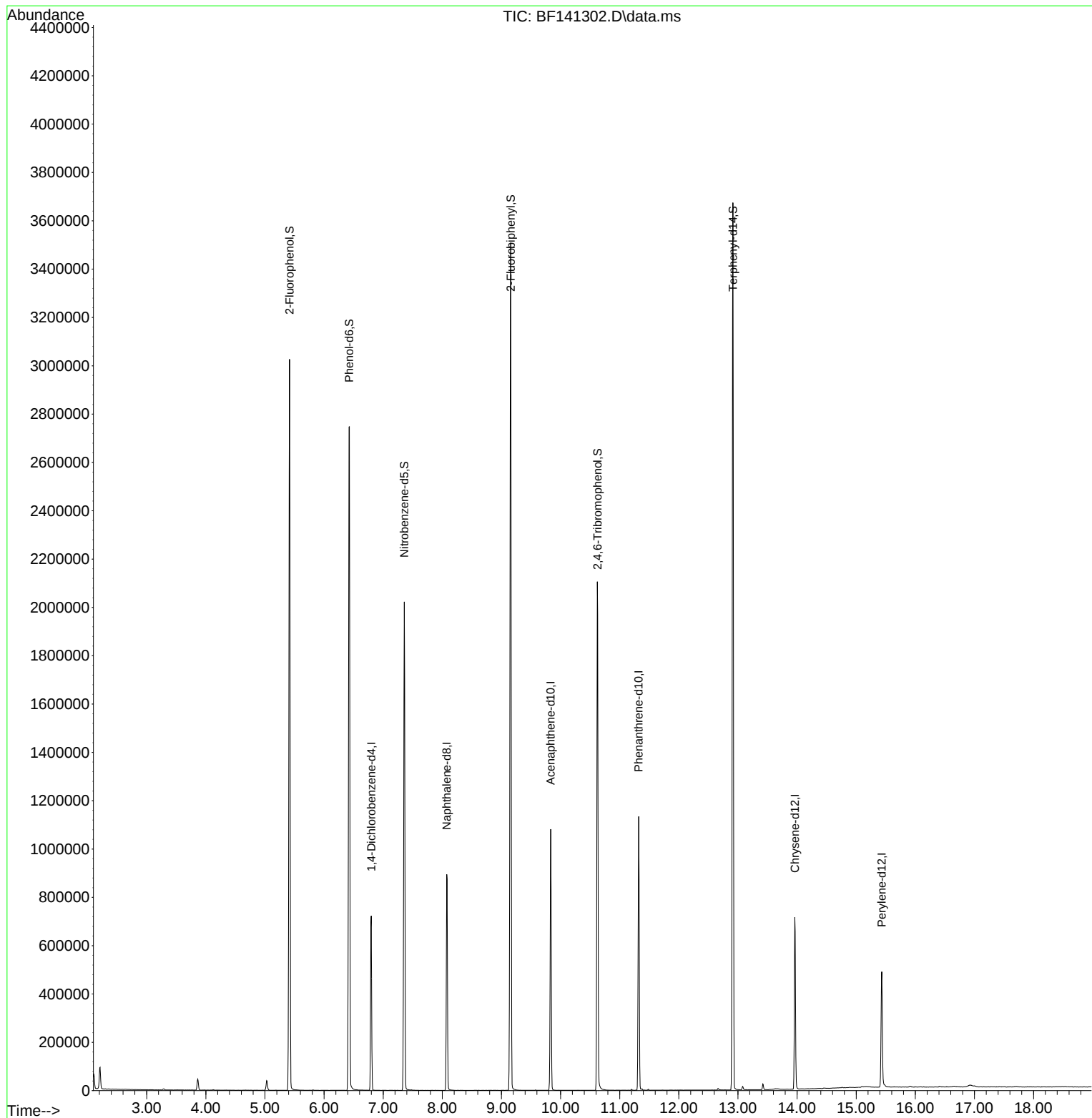
Target Compounds	Qvalue

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

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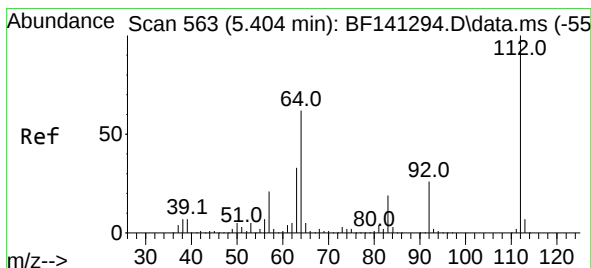
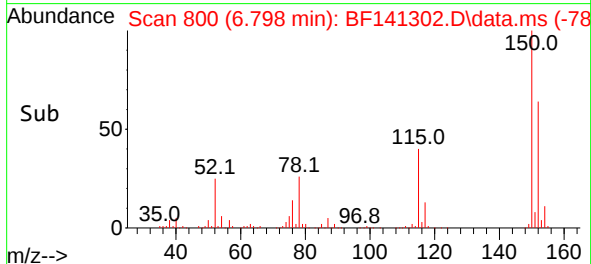
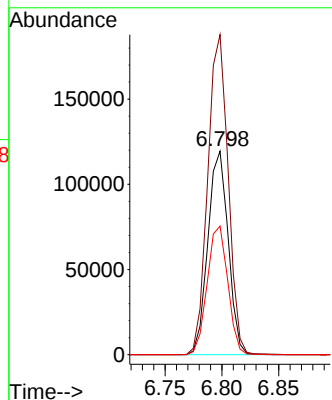
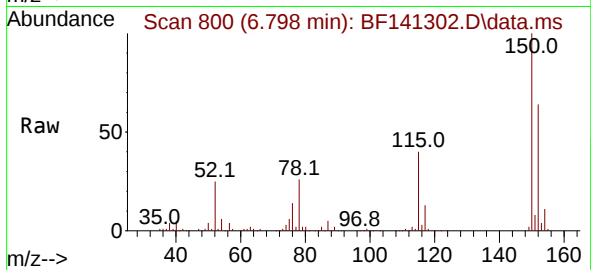




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141302.D
 Acq: 30 Jan 2025 09:20

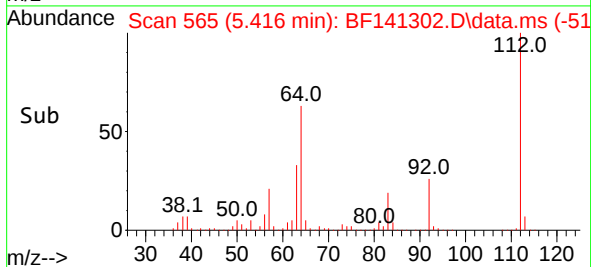
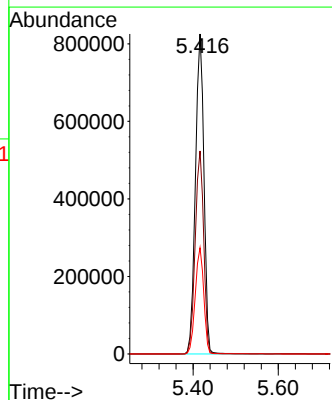
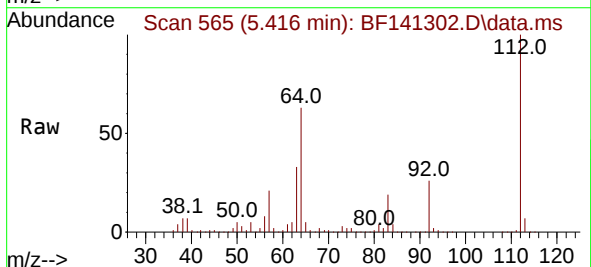
Instrument :
 BNA_F
 ClientSampleId :
 PB166216BL

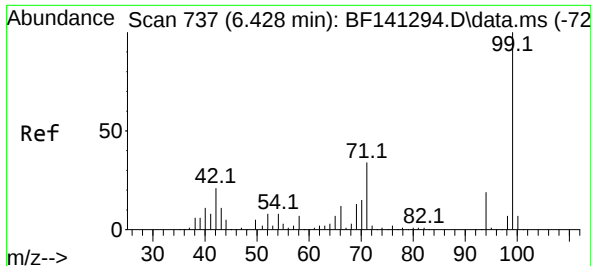
Tgt Ion:152 Resp: 148456
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.9 188.9
 115 63.2 49.7 74.5



#5
 2-Fluorophenol
 Concen: 118.584 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141302.D
 Acq: 30 Jan 2025 09:20

Tgt Ion:112 Resp: 1146726
 Ion Ratio Lower Upper
 112 100
 64 63.4 49.8 74.8
 63 33.2 26.1 39.1



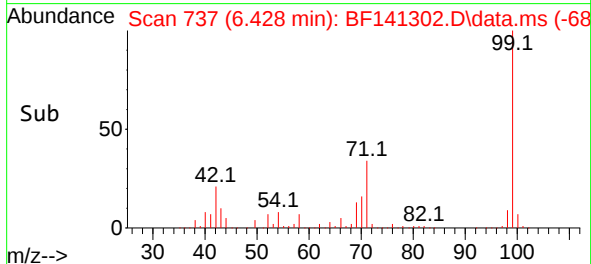
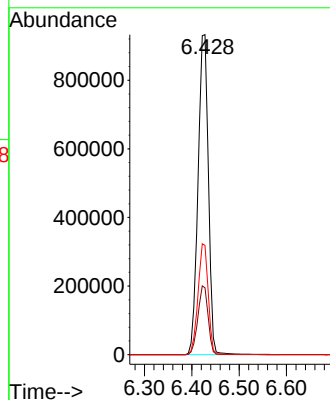
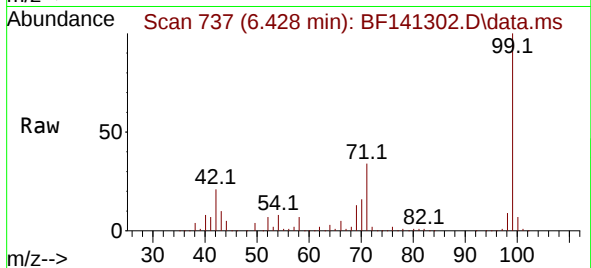


#7
Phenol-d6
Concen: 115.461 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Instrument :
BNA_F
ClientSampleId :
PB166216BL

Tgt Ion: 99 Resp: 1420365

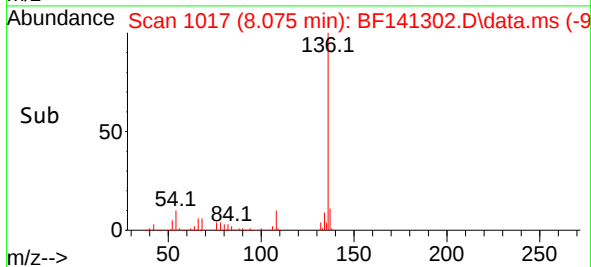
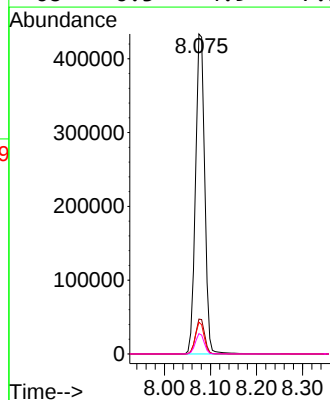
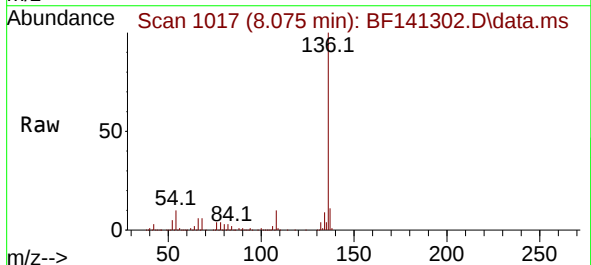
Ion	Ratio	Lower	Upper
99	100		
42	20.9	17.1	25.7
71	34.2	26.9	40.3

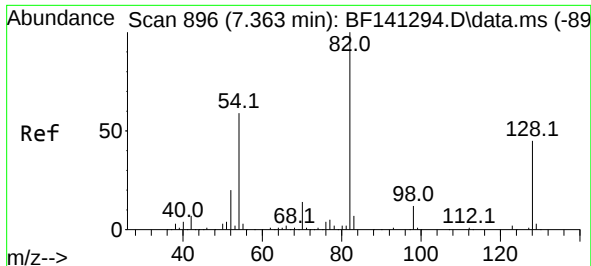


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF141302.D
Acq: 30 Jan 2025 09:20

Tgt Ion: 136 Resp: 598873

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	7.8	11.8
68	6.3	4.9	7.3





#23

Nitrobenzene-d5

Concen: 81.924 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

Instrument :

BNA_F

ClientSampleId :

PB166216BL

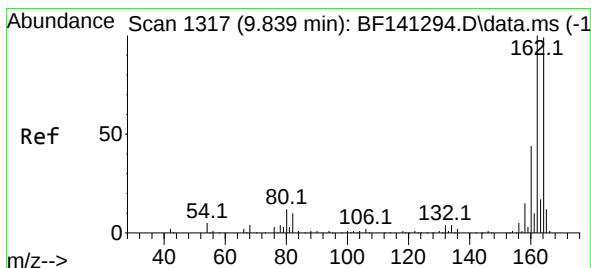
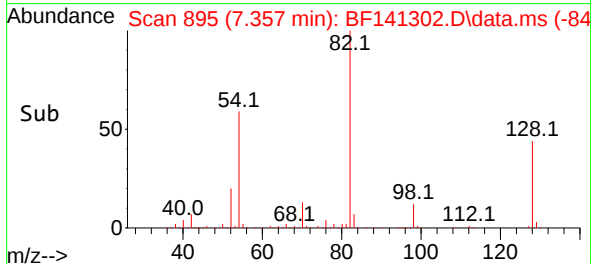
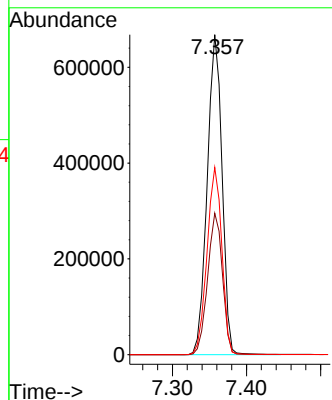
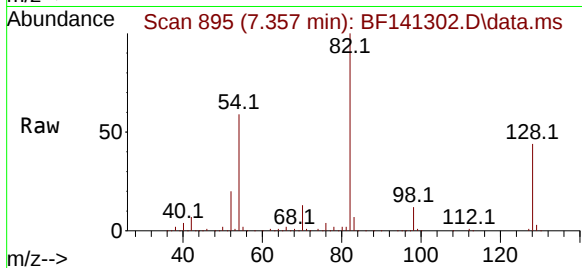
Tgt Ion: 82 Resp: 930682

Ion Ratio Lower Upper

82 100

128 44.2 35.7 53.5

54 58.5 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

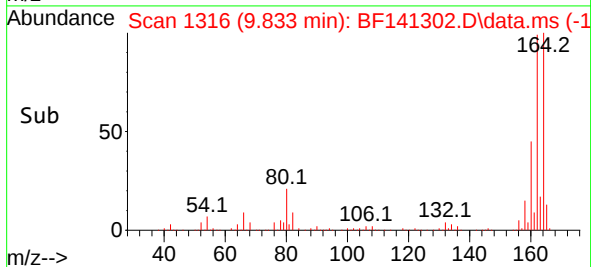
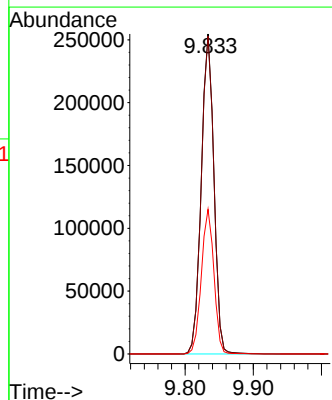
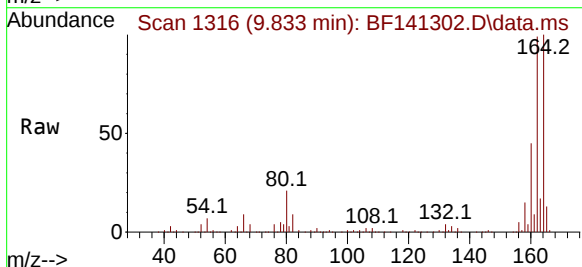
Tgt Ion:164 Resp: 327034

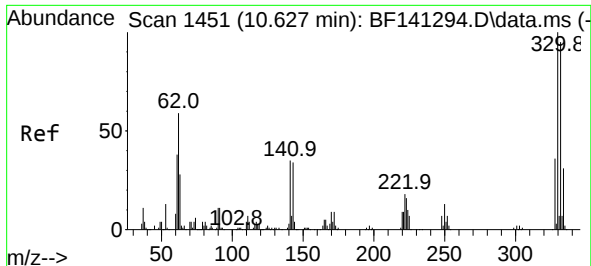
Ion Ratio Lower Upper

164 100

162 99.4 80.6 121.0

160 45.2 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 119.496 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141302.D

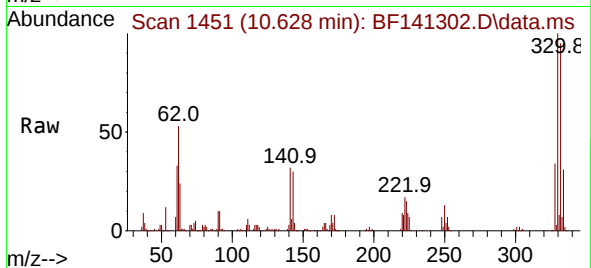
Acq: 30 Jan 2025 09:20

Instrument :

BNA_F

ClientSampleId :

PB166216BL



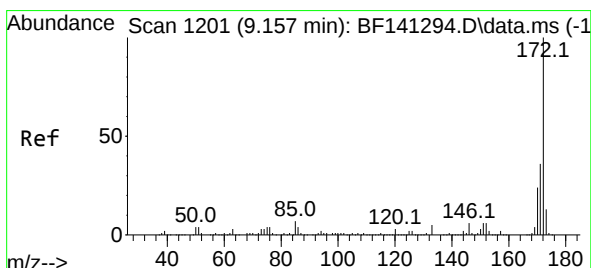
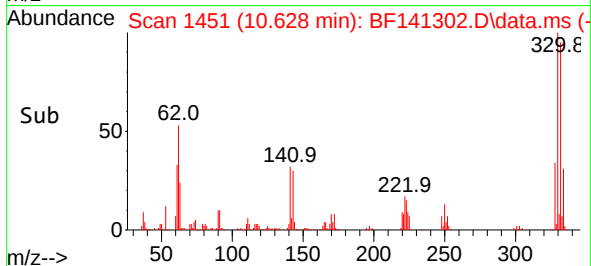
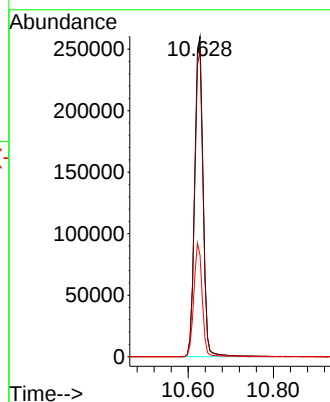
Tgt Ion:330 Resp: 358268

Ion Ratio Lower Upper

330 100

332 95.5 76.1 114.1

141 35.1 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 79.068 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

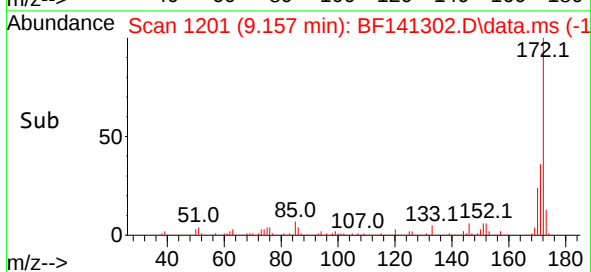
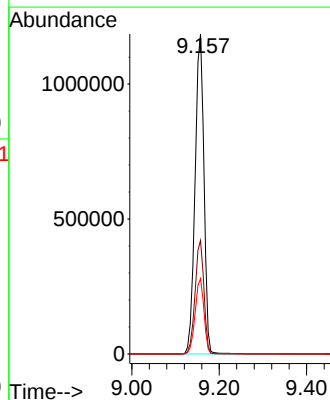
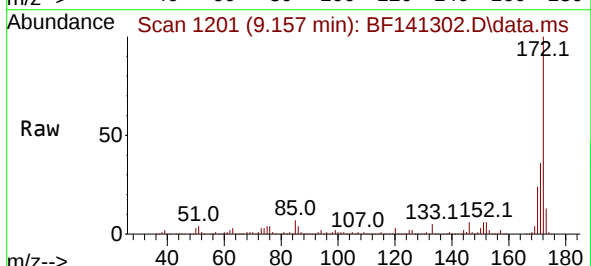
Tgt Ion:172 Resp: 1679961

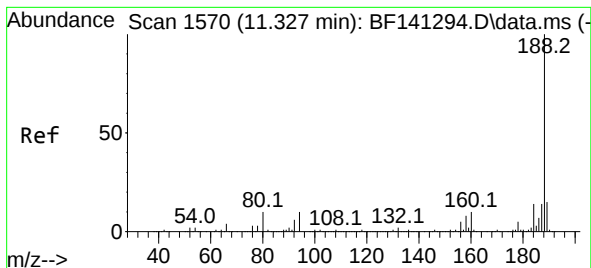
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

Instrument :

BNA_F

ClientSampleId :

PB166216BL

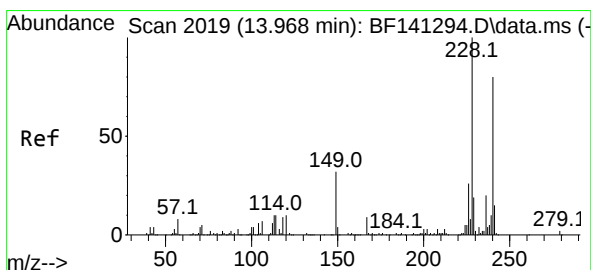
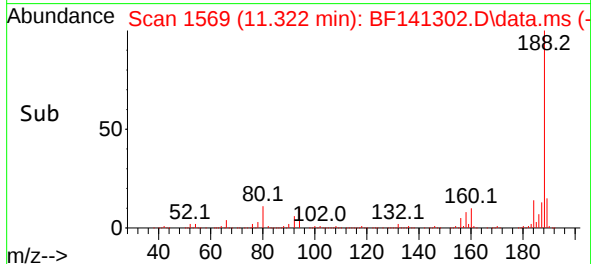
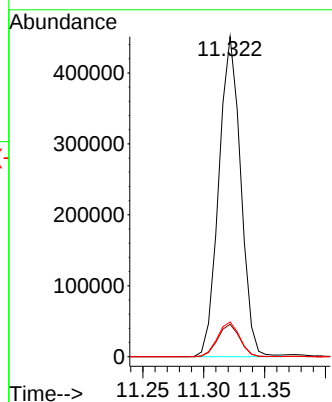
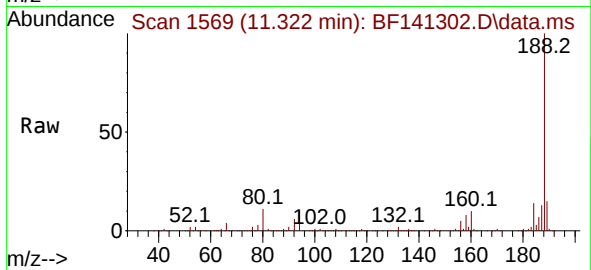
Tgt Ion:188 Resp: 565086

Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

80 10.9 8.2 12.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

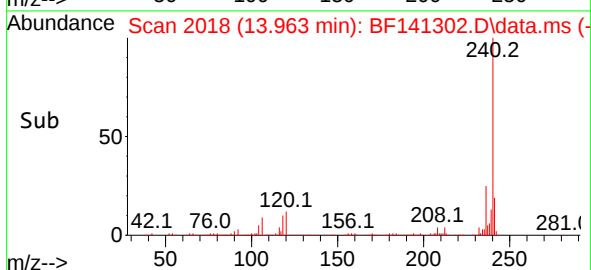
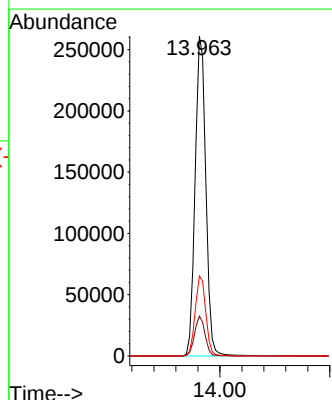
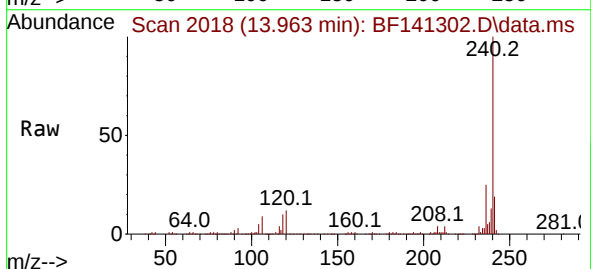
Tgt Ion:240 Resp: 352407

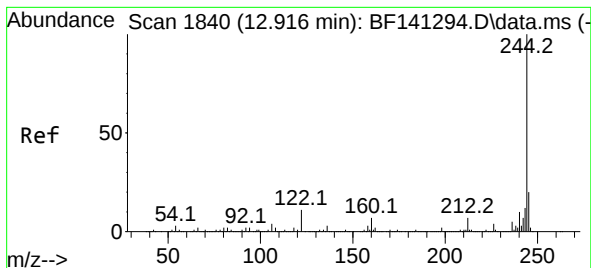
Ion Ratio Lower Upper

240 100

120 12.5 10.0 15.0

236 25.0 19.7 29.5





#79

Terphenyl-d14

Concen: 81.349 ng

RT: 12.916 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

Instrument :

BNA_F

ClientSampleId :

PB166216BL

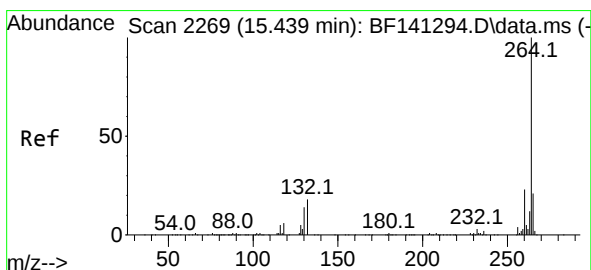
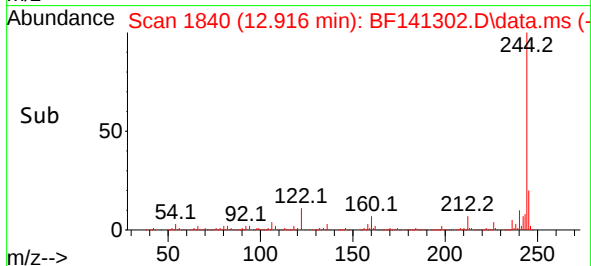
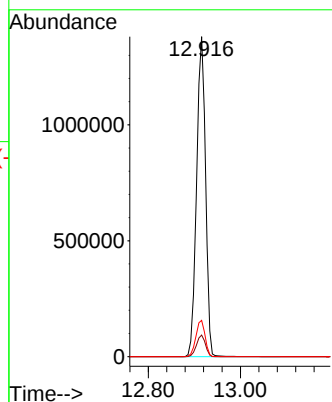
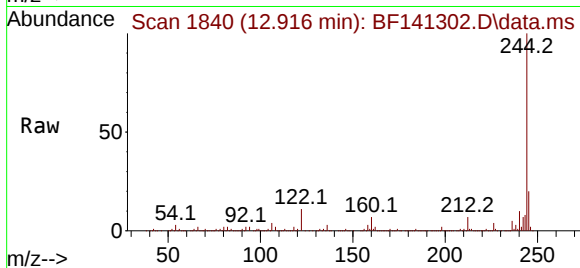
Tgt Ion:244 Resp: 1858915

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 11.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF141302.D

Acq: 30 Jan 2025 09:20

Tgt Ion:264 Resp: 282065

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 20.8 16.7 25.1

