

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141299.D
 Acq On : 29 Jan 2025 18:24
 Operator : RC/JU
 Sample : PB166167BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

Quant Time: Jan 30 03:16:48 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	134190	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	540381	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	292896	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	508597	20.000	ng	0.00
76) Chrysene-d12	13.963	240	324932	20.000	ng	-0.01
86) Perylene-d12	15.416	264	263155	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1123090	128.487	ng	0.00
7) Phenol-d6	6.428	99	1389970	125.003	ng	-0.01
23) Nitrobenzene-d5	7.357	82	911417	88.913	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	344176	128.176	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1647101	86.556	ng	0.00
79) Terphenyl-d14	12.916	244	1861437	88.347	ng	0.00

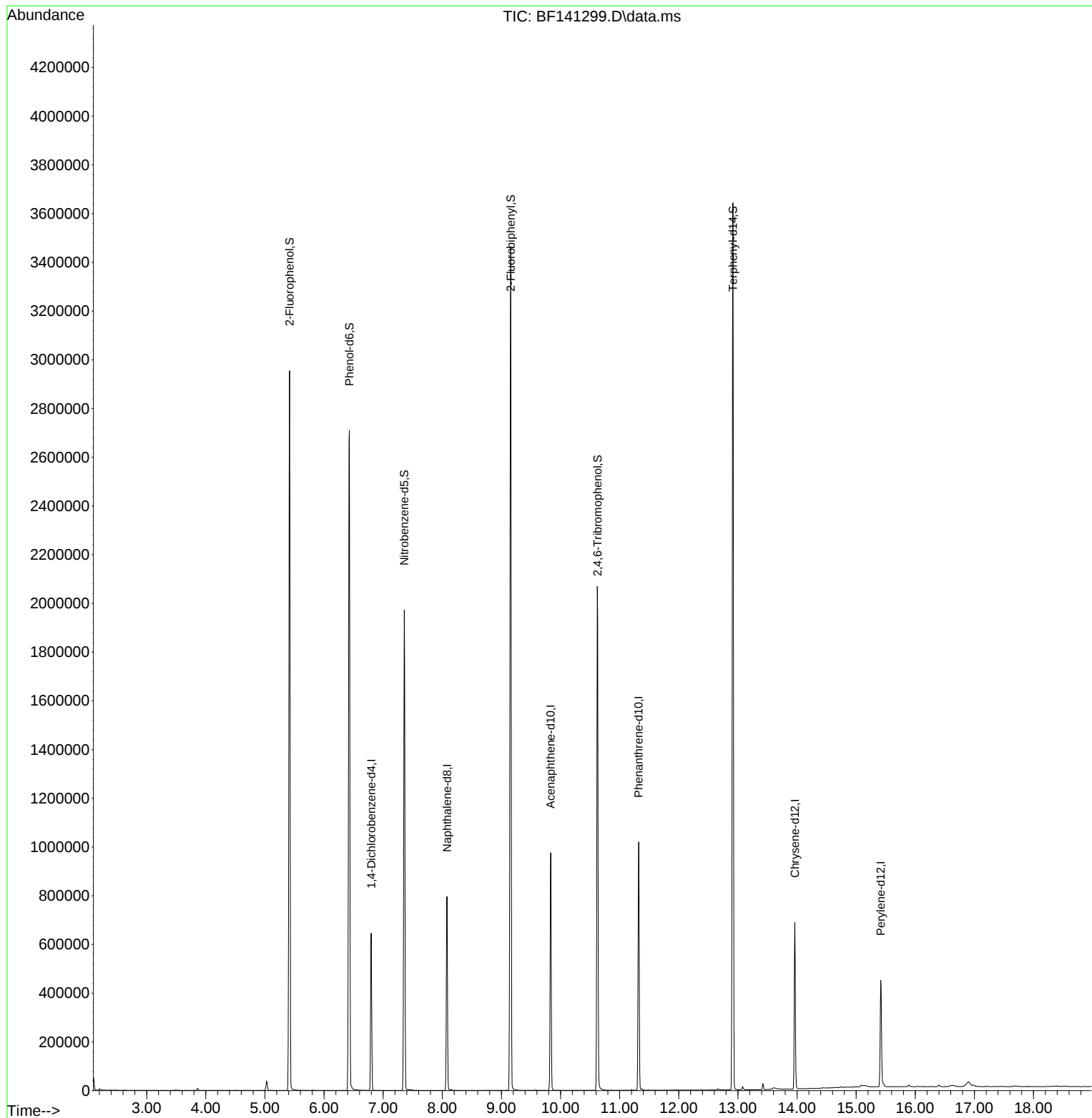
Target Compounds	Qvalue

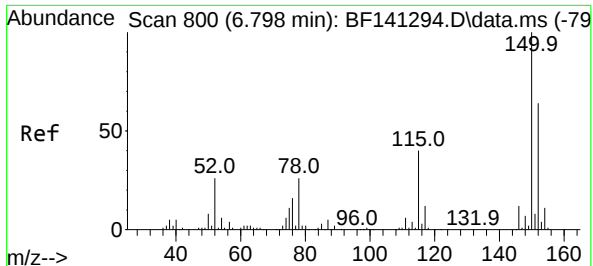
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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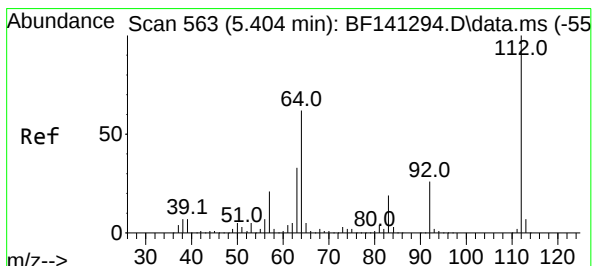
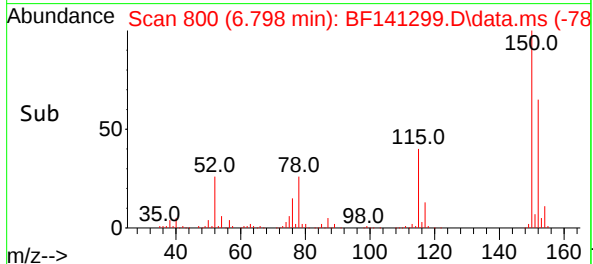
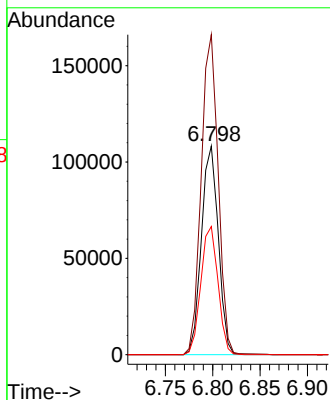
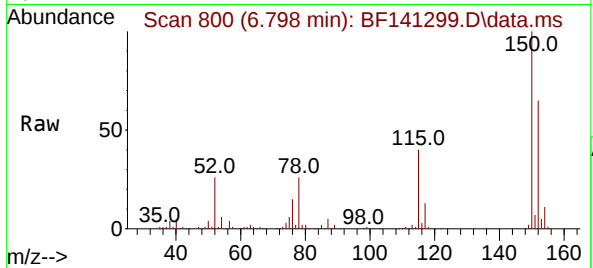




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF141299.D
 Acq: 29 Jan 2025 18:24

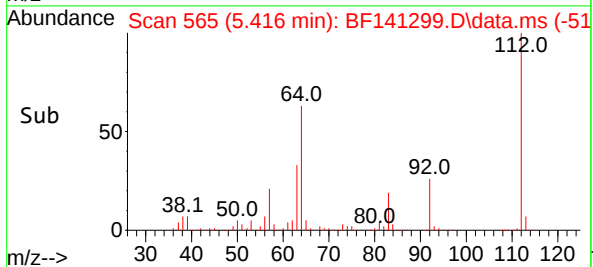
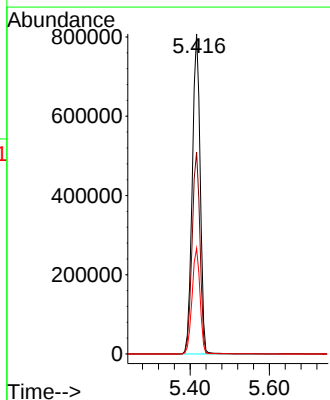
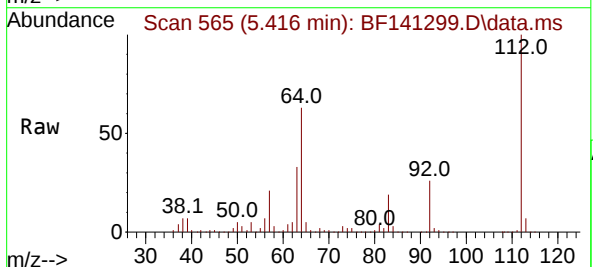
Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

Tgt Ion:152 Resp: 134190
 Ion Ratio Lower Upper
 152 100
 150 153.4 125.9 188.9
 115 61.4 49.7 74.5



#5
 2-Fluorophenol
 Concen: 128.487 ng
 RT: 5.416 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF141299.D
 Acq: 29 Jan 2025 18:24

Tgt Ion:112 Resp: 1123090
 Ion Ratio Lower Upper
 112 100
 64 63.1 49.8 74.8
 63 33.0 26.1 39.1

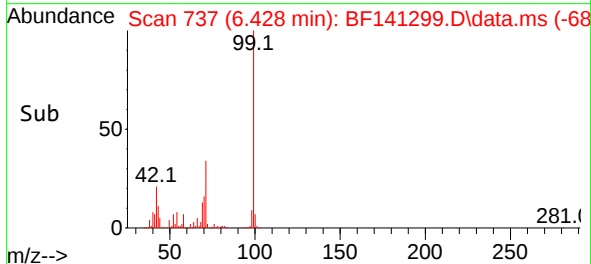
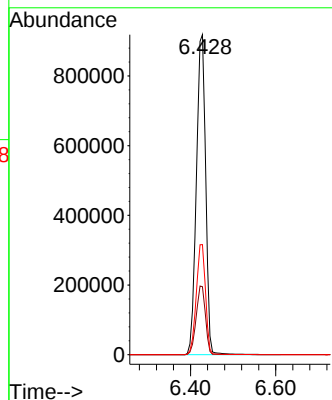
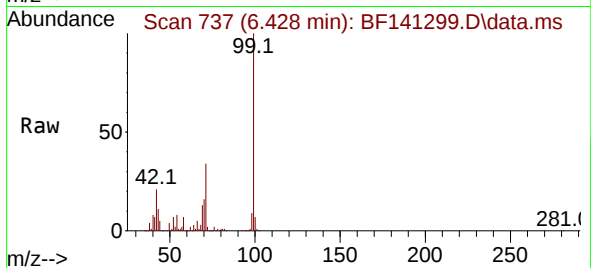




#7
Phenol-d6
Concen: 125.003 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

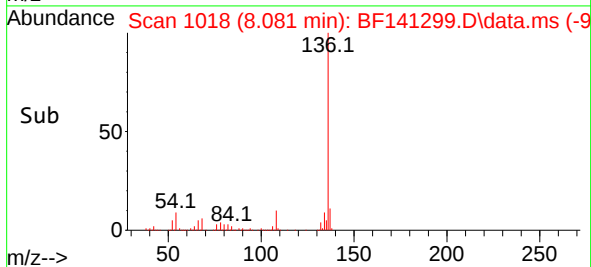
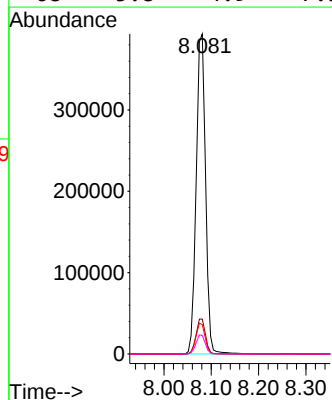
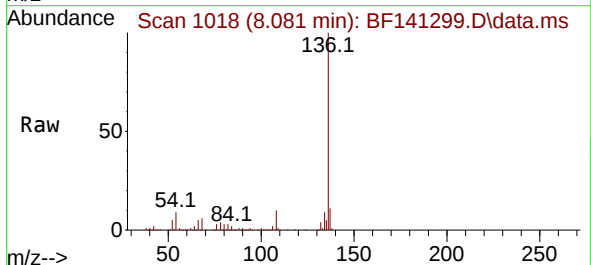
Instrument :
BNA_F
ClientSampleId :
PB166167BL

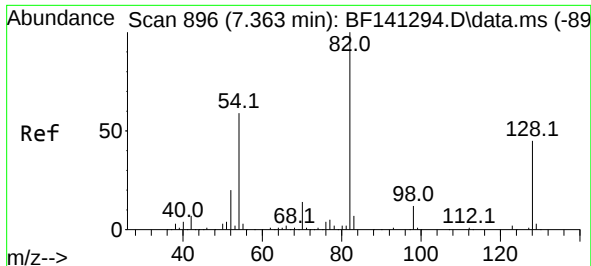
Tgt Ion: 99 Resp: 1389970
Ion Ratio Lower Upper
99 100
42 21.2 17.1 25.7
71 34.4 26.9 40.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion: 136 Resp: 540381
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 7.8 11.8
68 5.8 4.9 7.3

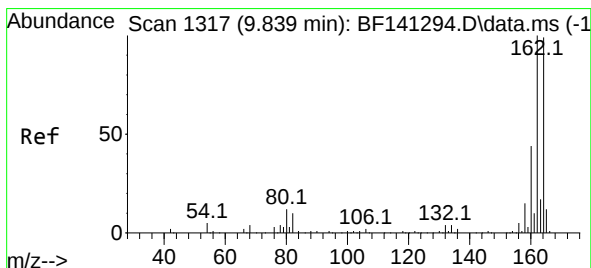
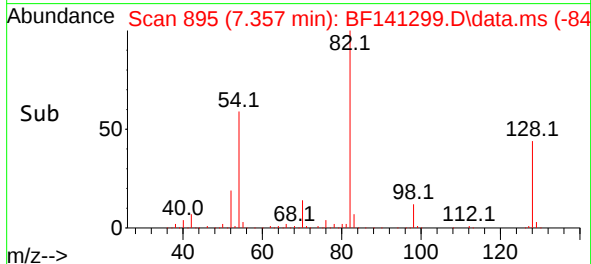
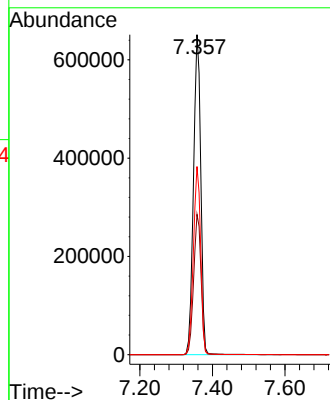
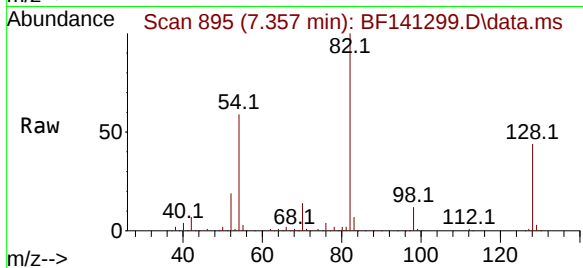




#23
Nitrobenzene-d5
Concen: 88.913 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

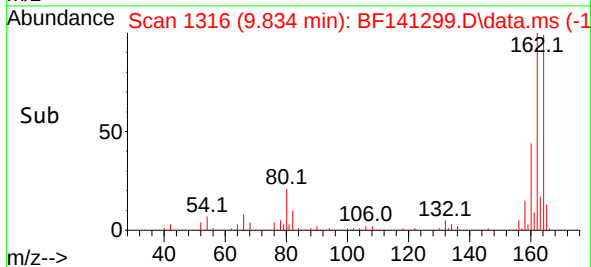
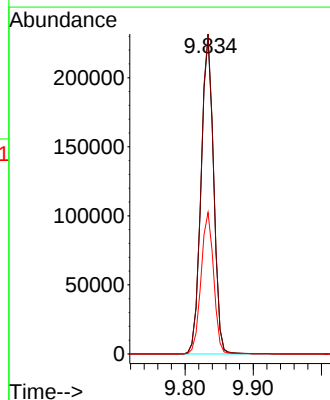
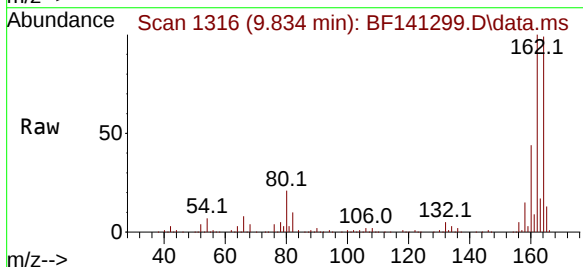
Instrument :
BNA_F
ClientSampleId :
PB166167BL

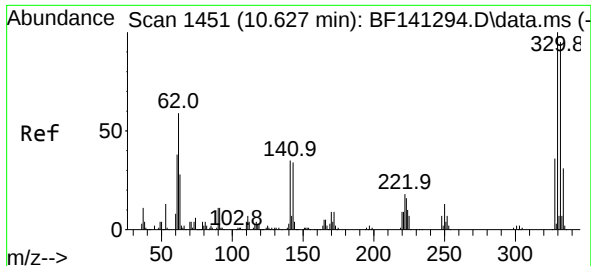
Tgt Ion: 82 Resp: 911417
Ion Ratio Lower Upper
82 100
128 43.9 35.7 53.5
54 58.8 47.1 70.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

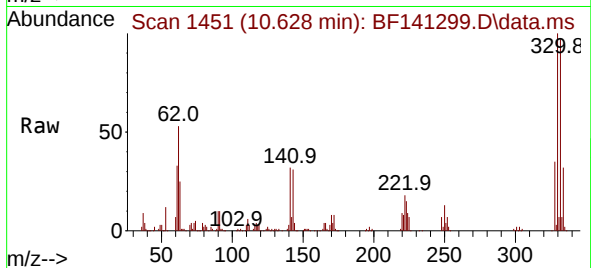
Tgt Ion:164 Resp: 292896
Ion Ratio Lower Upper
164 100
162 101.3 80.6 121.0
160 44.8 35.8 53.6



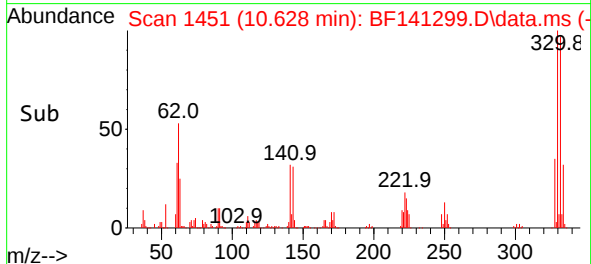
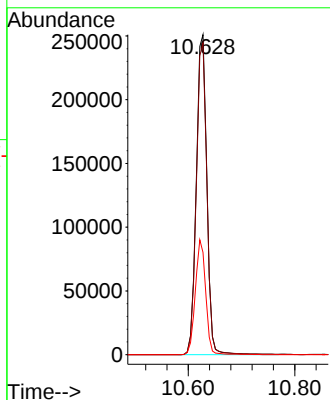


#42
2,4,6-Tribromophenol
Concen: 128.176 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Instrument :
BNA_F
ClientSampleId :
PB166167BL

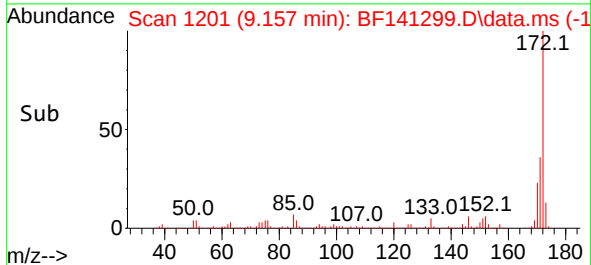
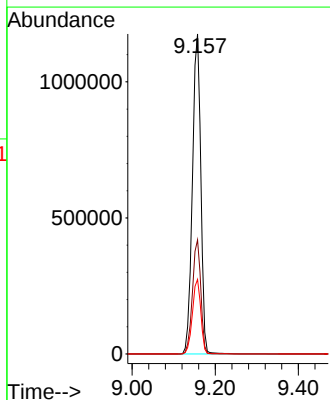
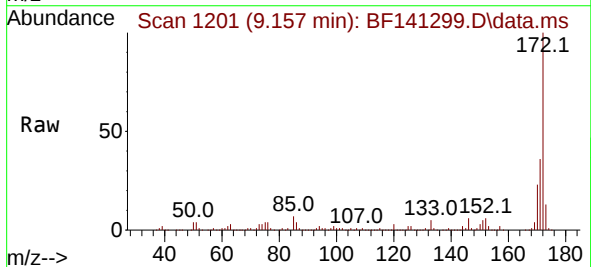


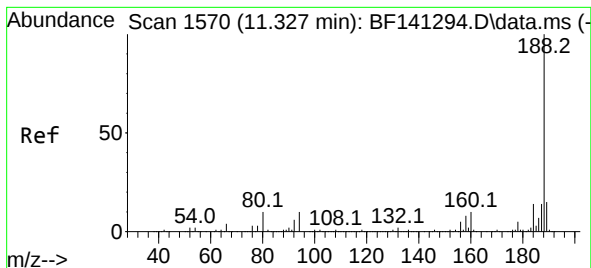
Tgt Ion:330 Resp: 344176
Ion Ratio Lower Upper
330 100
332 97.6 76.1 114.1
141 35.4 28.8 43.2



#45
2-Fluorobiphenyl
Concen: 86.556 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion:172 Resp: 1647101
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.3 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: BF141299.D

Acq: 29 Jan 2025 18:24

Instrument :

BNA_F

ClientSampleId :

PB166167BL

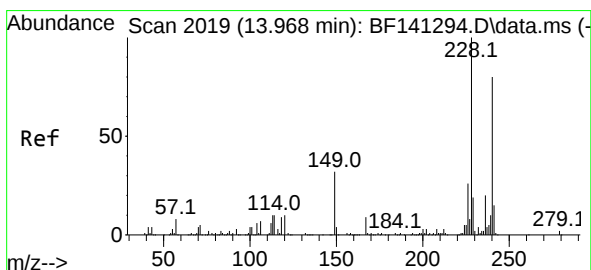
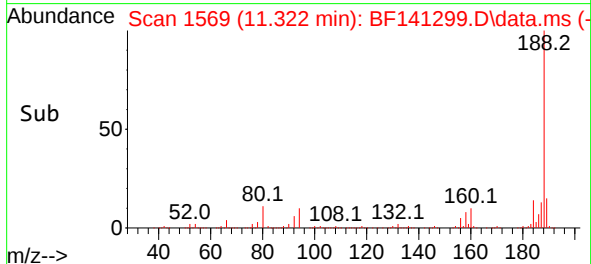
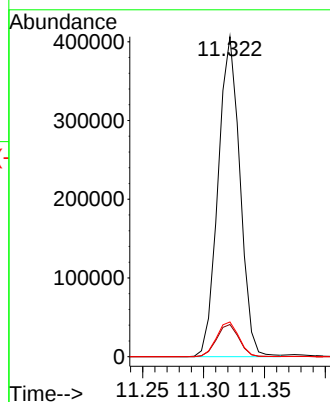
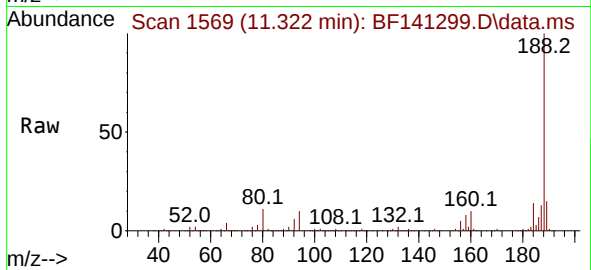
Tgt Ion:188 Resp: 508597

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: BF141299.D

Acq: 29 Jan 2025 18:24

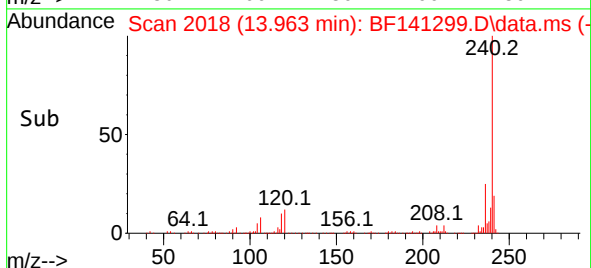
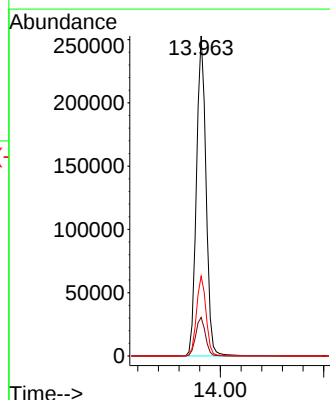
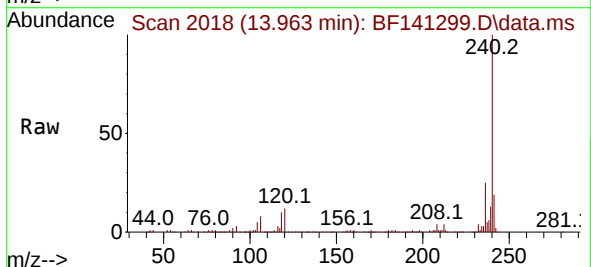
Tgt Ion:240 Resp: 324932

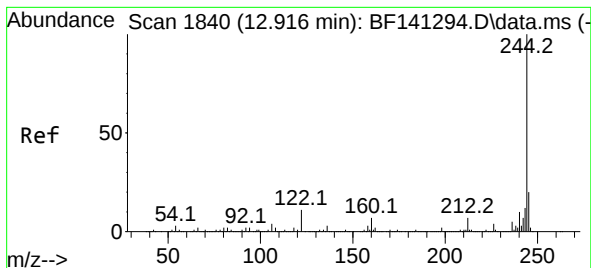
Ion Ratio Lower Upper

240 100

120 12.1 10.0 15.0

236 24.9 19.7 29.5





#79

Terphenyl-d14

Concen: 88.347 ng

RT: 12.916 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Instrument :

BNA_F

ClientSampleId :

PB166167BL

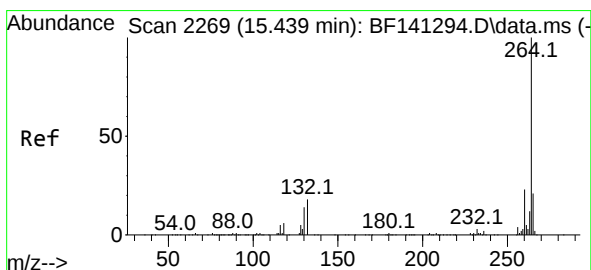
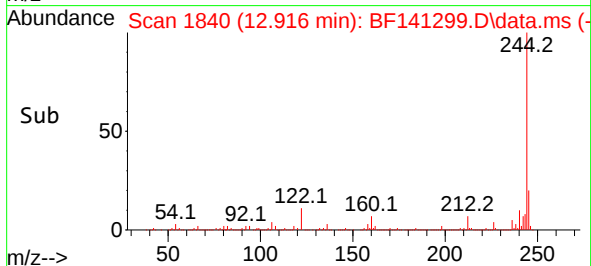
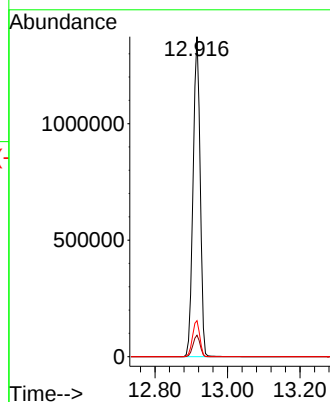
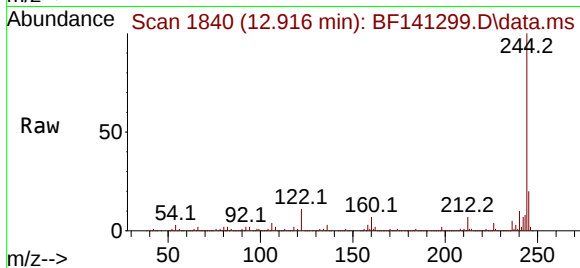
Tgt Ion:244 Resp: 1861437

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: 15.416 min Scan# 2265

Delta R.T. -0.024 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Tgt Ion:264 Resp: 263155

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.9 16.7 25.1

