

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111925\
 Data File : BF144276.D
 Acq On : 19 Nov 2025 13:07
 Operator : RC/JU
 Sample : PB170631BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170631BL

Quant Time: Nov 19 13:29:38 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	53289	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	208264	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	120425	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	190256	20.000	ng	0.00
76) Chrysene-d12	14.045	240	127117	20.000	ng	0.00
86) Perylene-d12	15.527	264	158536	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	399545	117.330	ng	0.00
7) Phenol-d6	6.498	99	450232	116.686	ng	0.00
23) Nitrobenzene-d5	7.428	82	295157	81.852	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	169767	112.340	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	641119	78.629	ng	0.00
79) Terphenyl-d14	12.986	244	597802	74.699	ng	0.00

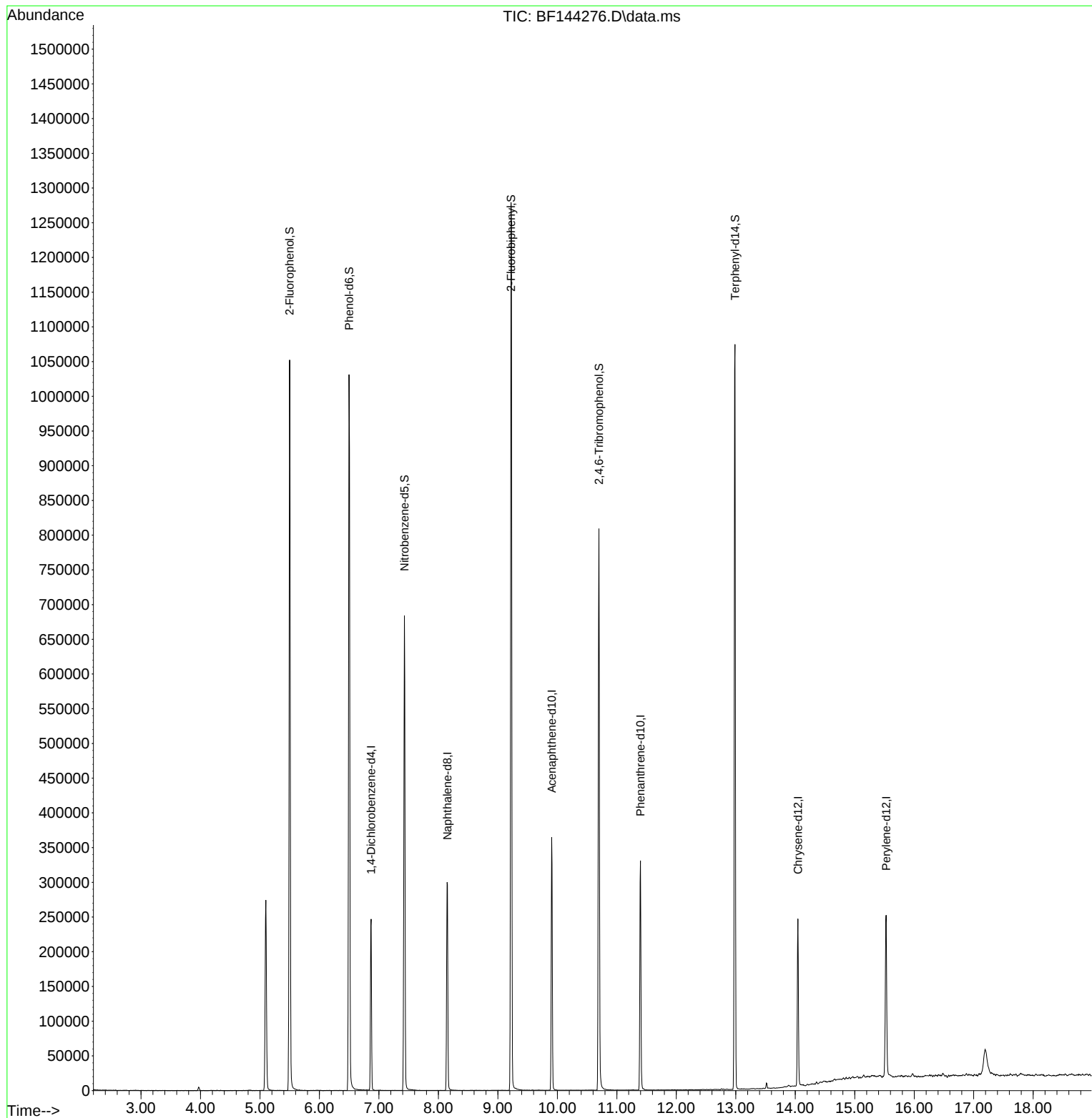
Target Compounds	Qvalue

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

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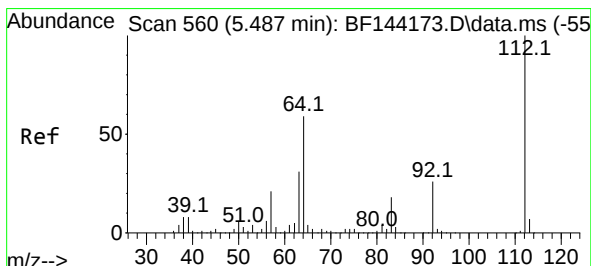
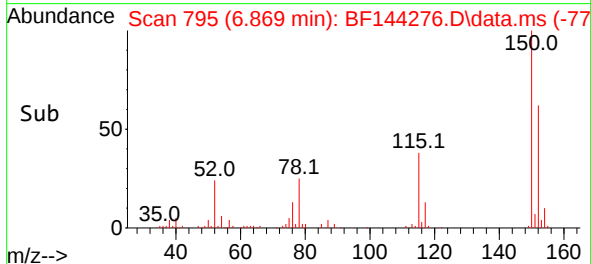
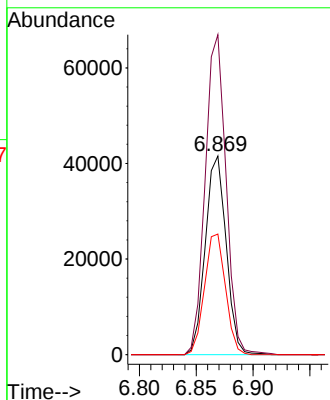
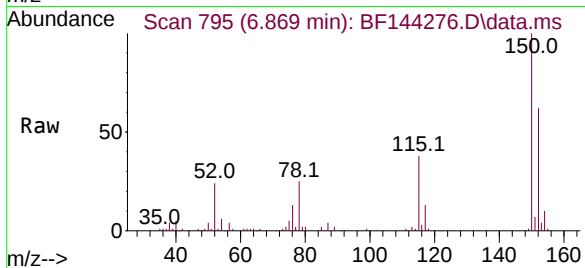




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

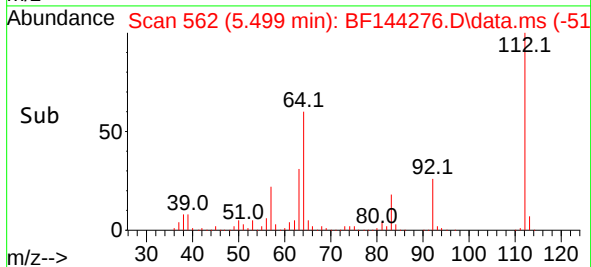
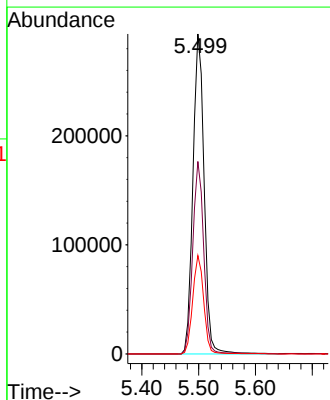
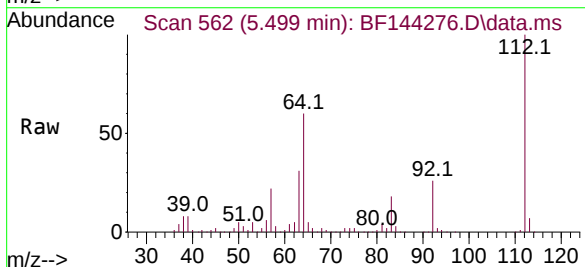
Instrument :
BNA_F
ClientSampleId :
PB170631BL

Tgt Ion:152 Resp: 53289
Ion Ratio Lower Upper
152 100
150 161.1 127.4 191.0
115 60.7 49.5 74.3



#5
2-Fluorophenol
Concen: 117.330 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

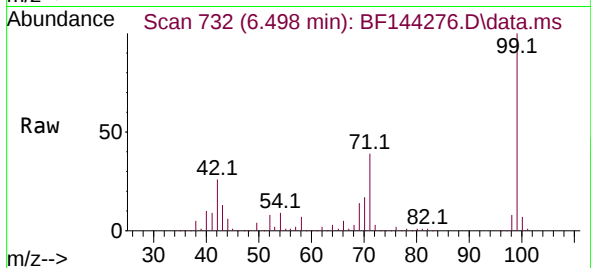
Tgt Ion:112 Resp: 399545
Ion Ratio Lower Upper
112 100
64 60.1 47.2 70.8
63 30.7 24.4 36.6



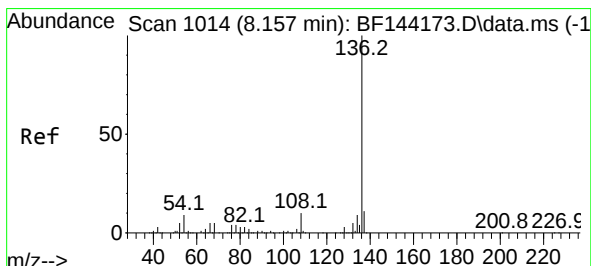
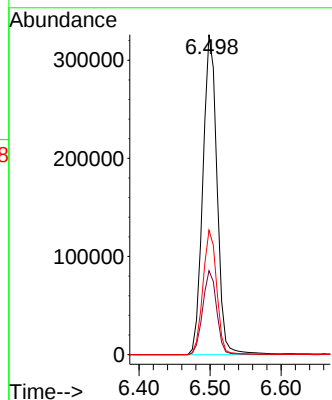
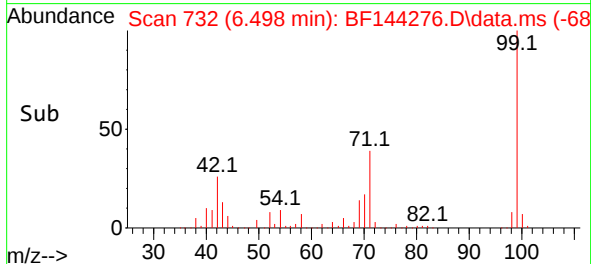


#7
Phenol-d6
Concen: 116.686 ng
RT: 6.498 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

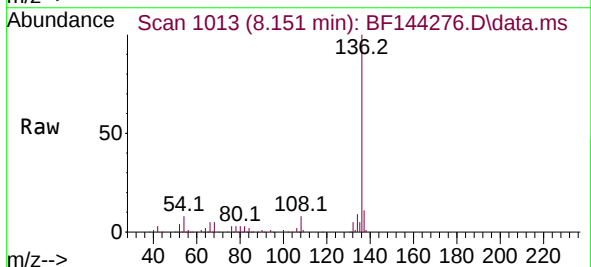
Instrument :
BNA_F
ClientSampleId :
PB170631BL



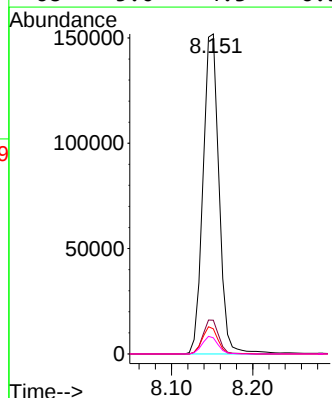
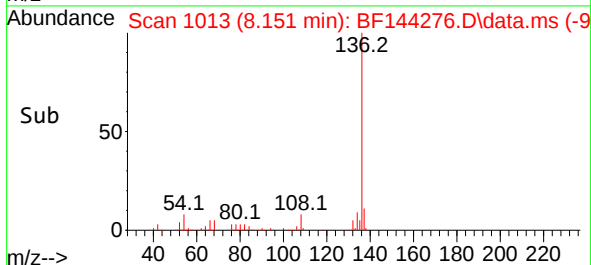
Tgt Ion: 99 Resp: 450232
Ion Ratio Lower Upper
99 100
42 26.2 20.9 31.3
71 38.9 31.4 47.2

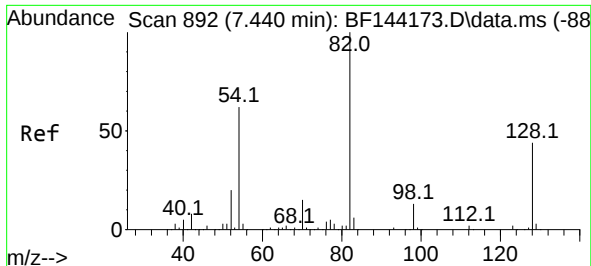


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07



Tgt Ion: 136 Resp: 208264
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.8 7.0 10.6
68 5.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 81.852 ng

RT: 7.428 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF144276.D

Acq: 19 Nov 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB170631BL

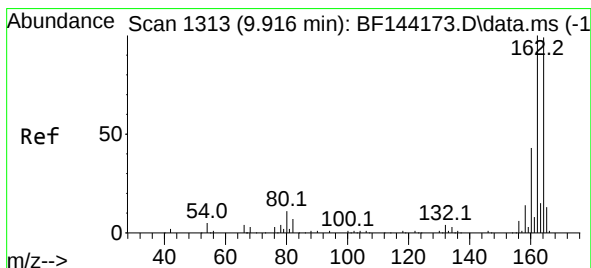
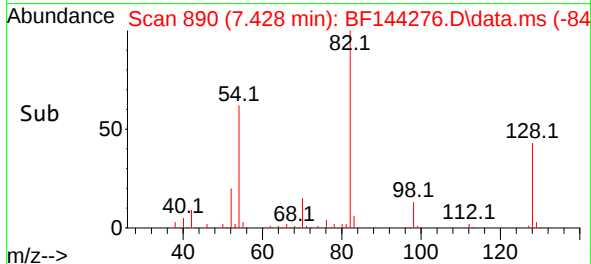
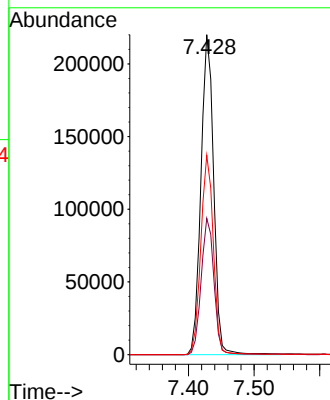
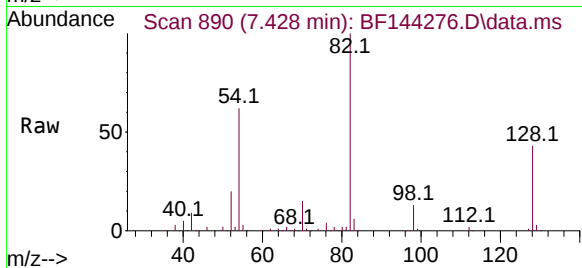
Tgt Ion: 82 Resp: 295157

Ion Ratio Lower Upper

82 100

128 42.6 34.7 52.1

54 62.3 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1311

Delta R.T. -0.012 min

Lab File: BF144276.D

Acq: 19 Nov 2025 13:07

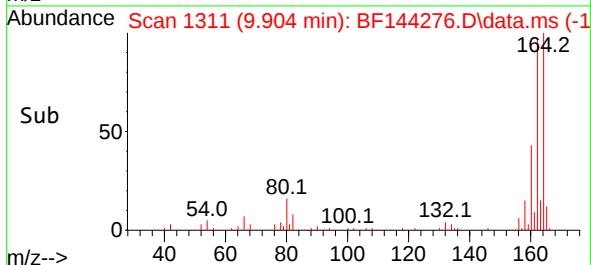
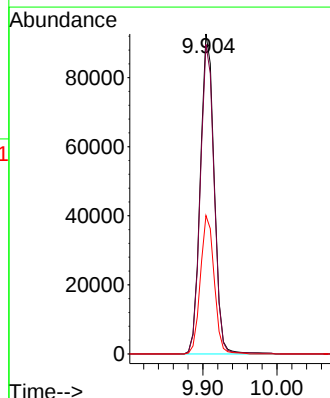
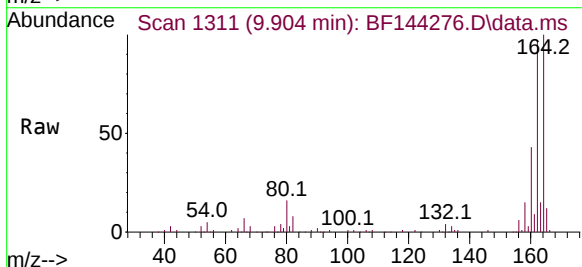
Tgt Ion:164 Resp: 120425

Ion Ratio Lower Upper

164 100

162 96.7 81.1 121.7

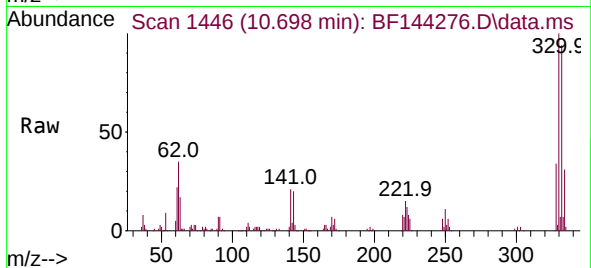
160 43.2 34.5 51.7



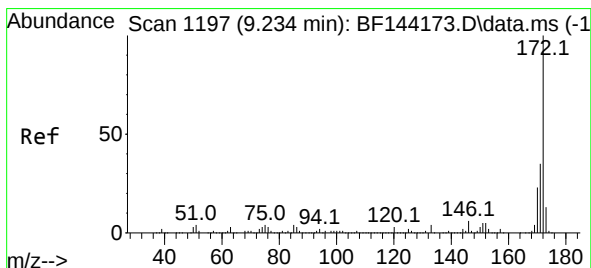
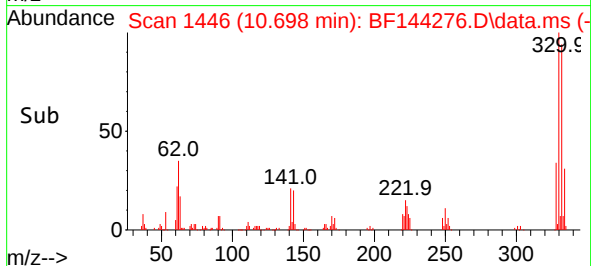
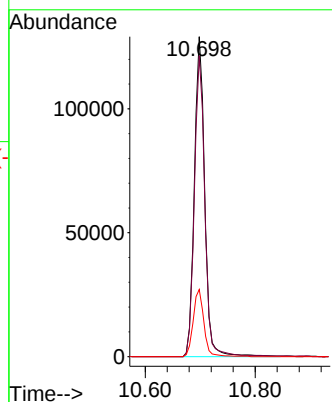


#42
2,4,6-Tribromophenol
Concen: 112.340 ng
RT: 10.698 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

Instrument :
BNA_F
ClientSampleId :
PB170631BL

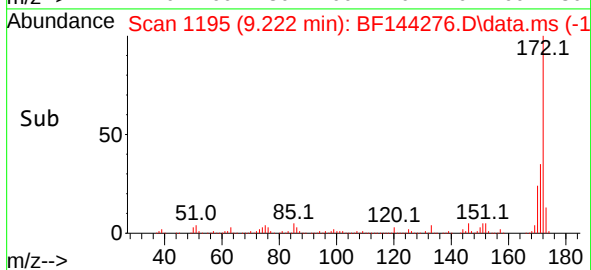
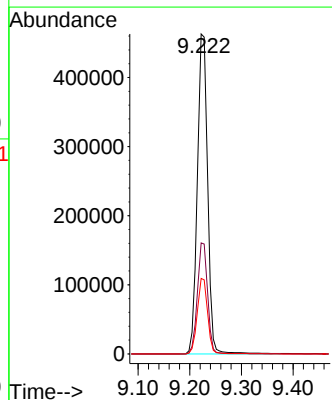
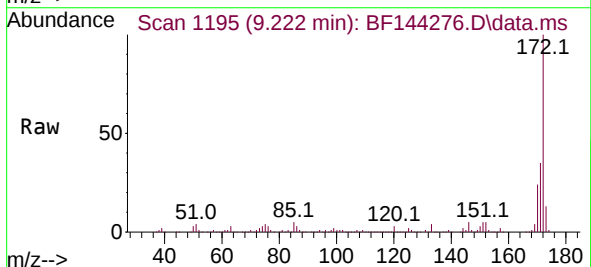


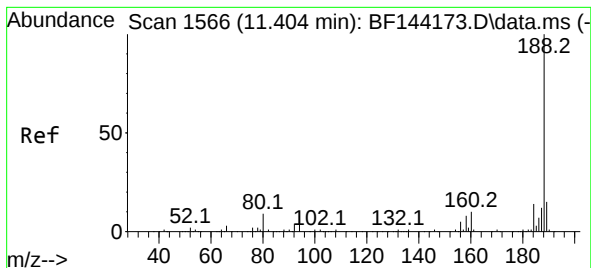
Tgt Ion:330 Resp: 169767
Ion Ratio Lower Upper
330 100
332 94.1 76.7 115.1
141 21.5 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 78.629 ng
RT: 9.222 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF144276.D
Acq: 19 Nov 2025 13:07

Tgt Ion:172 Resp: 641119
Ion Ratio Lower Upper
172 100
171 34.7 28.1 42.1
170 23.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF144276.D

Acq: 19 Nov 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB170631BL

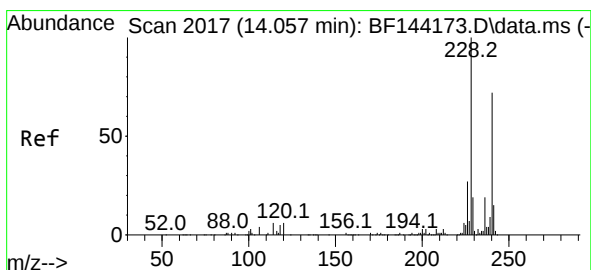
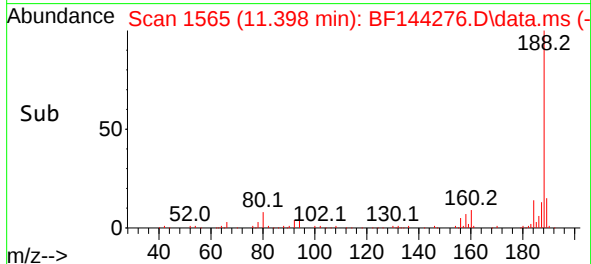
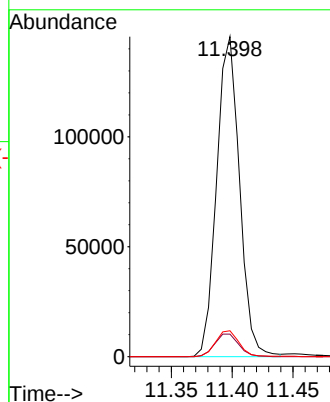
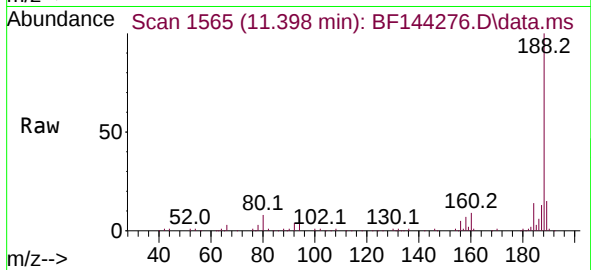
Tgt Ion:188 Resp: 190256

Ion Ratio Lower Upper

188 100

94 7.0 6.2 9.2

80 8.1 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF144276.D

Acq: 19 Nov 2025 13:07

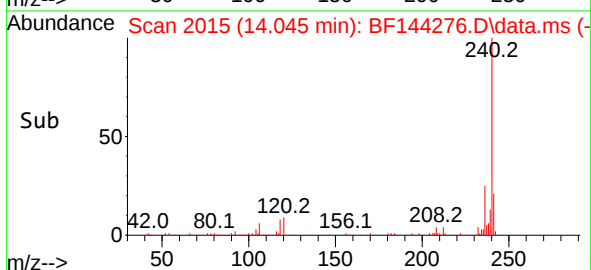
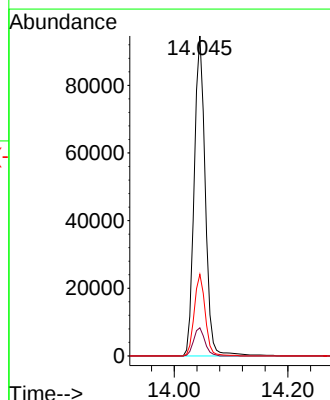
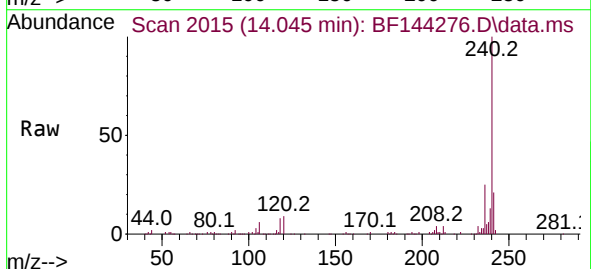
Tgt Ion:240 Resp: 127117

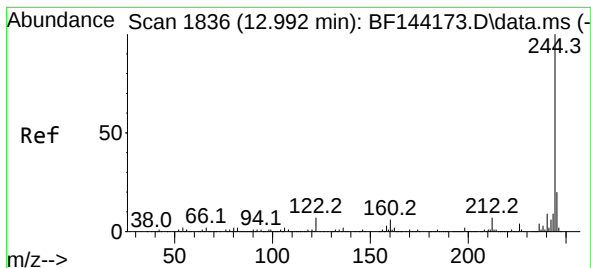
Ion Ratio Lower Upper

240 100

120 8.8 6.6 10.0

236 25.5 21.4 32.2





#79

Terphenyl-d14

Concen: 74.699 ng

RT: 12.986 min Scan# 1835

Delta R.T. -0.006 min

Lab File: BF144276.D

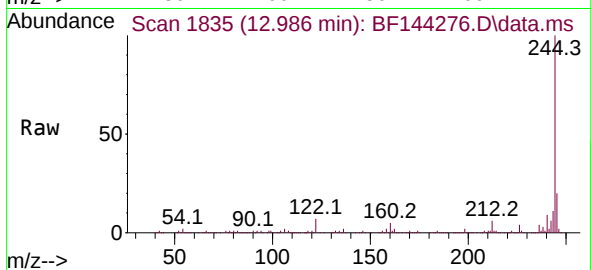
Acq: 19 Nov 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB170631BL



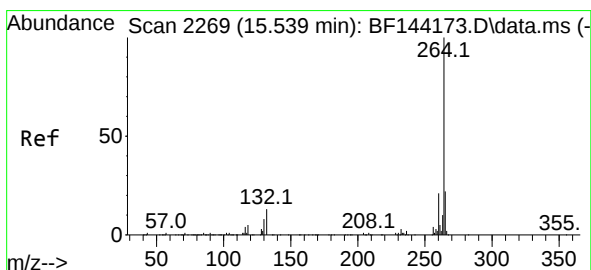
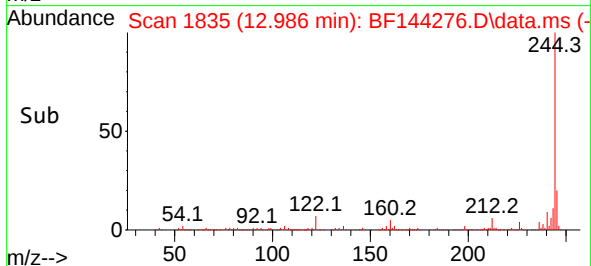
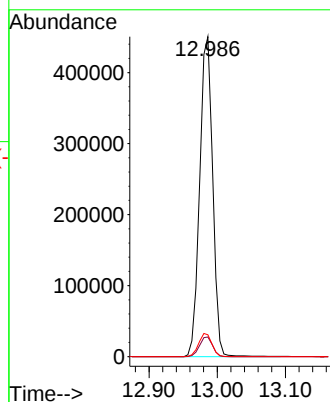
Tgt Ion:244 Resp: 597802

Ion Ratio Lower Upper

244 100

212 6.1 5.3 7.9

122 6.9 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2267

Delta R.T. -0.012 min

Lab File: BF144276.D

Acq: 19 Nov 2025 13:07

Tgt Ion:264 Resp: 158536

Ion Ratio Lower Upper

264 100

260 21.3 17.1 25.7

265 21.4 17.4 26.0

