

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144209.D
 Acq On : 11 Nov 2025 18:31
 Operator : RC/JU
 Sample : Q3581-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-238

Quant Time: Nov 12 03:44:11 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	79055	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	301405	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	174565	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	332908	20.000	ng	0.00
76) Chrysene-d12	14.057	240	223121	20.000	ng	0.00
86) Perylene-d12	15.539	264	205875	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	214387	42.437	ng	0.00
7) Phenol-d6	6.498	99	253794	44.337	ng	0.00
23) Nitrobenzene-d5	7.434	82	153741	29.460	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	96331	43.975	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	333422	28.210	ng	0.00
79) Terphenyl-d14	12.992	244	460408	32.777	ng	0.00

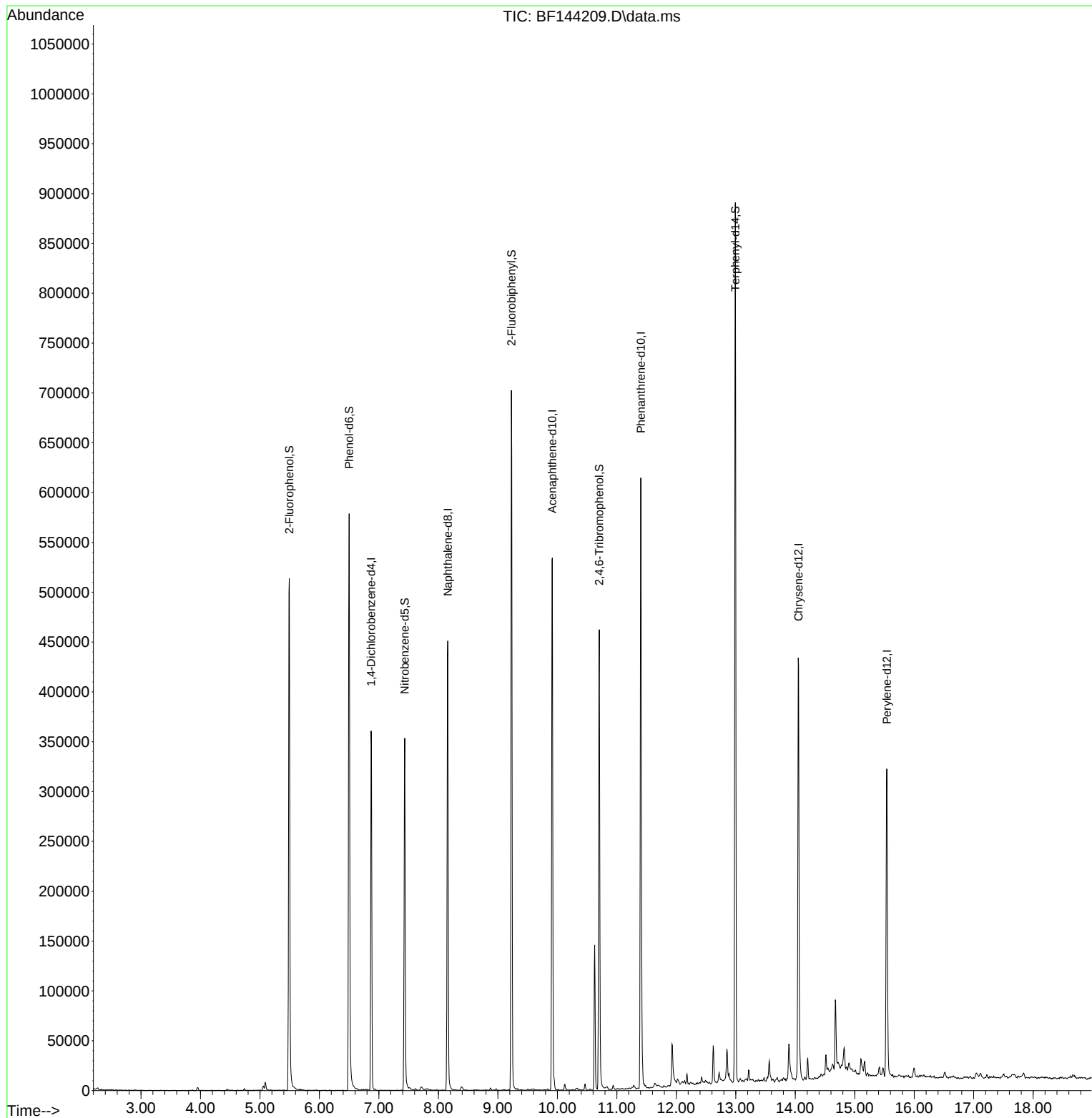
Target Compounds	Qvalue

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

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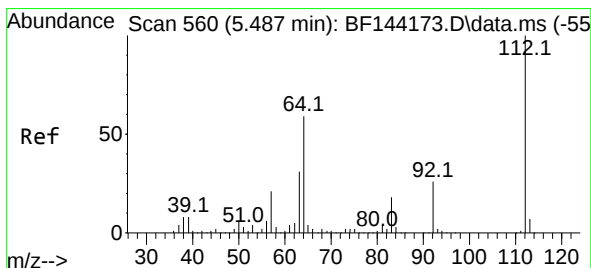
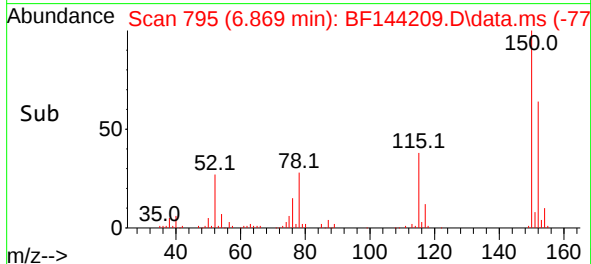
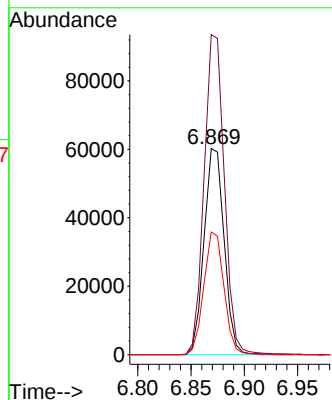
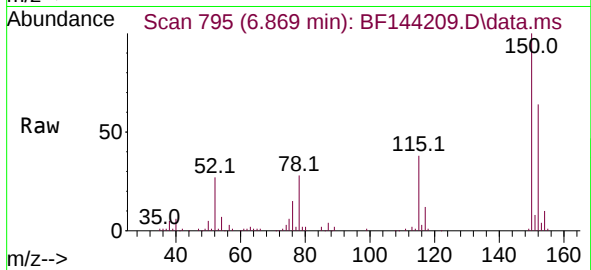




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 796
Delta R.T. -0.006 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

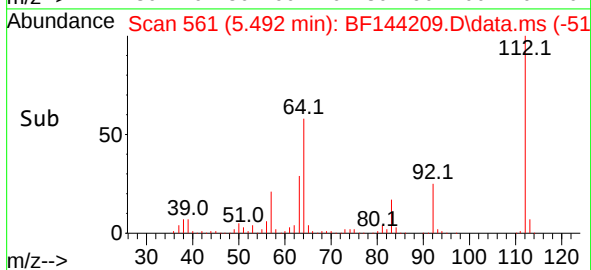
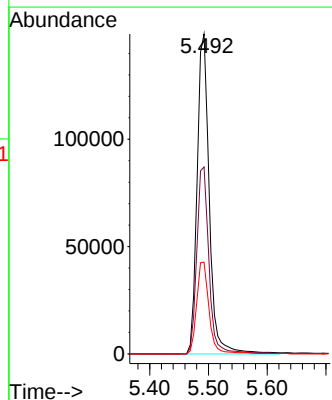
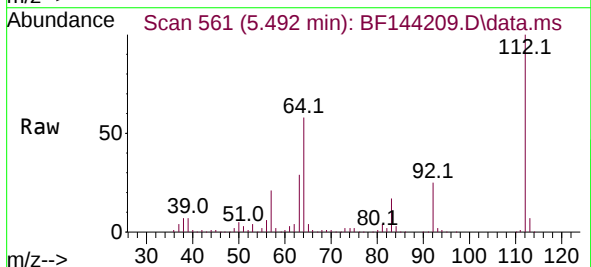
Instrument :
BNA_F
ClientSampleId :
VNJ-238

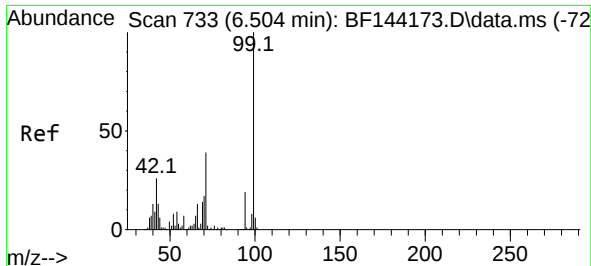
Tgt Ion:152 Resp: 79055
Ion Ratio Lower Upper
152 100
150 155.4 127.4 191.0
115 59.5 49.5 74.3



#5
2-Fluorophenol
Concen: 42.437 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Tgt Ion:112 Resp: 214387
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 28.7 24.4 36.6

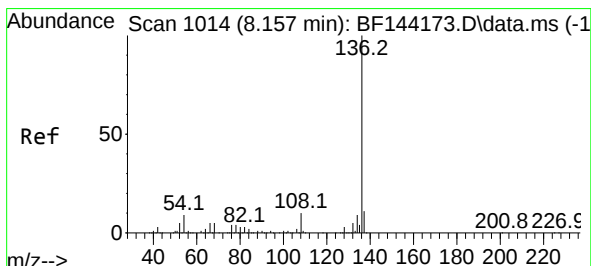
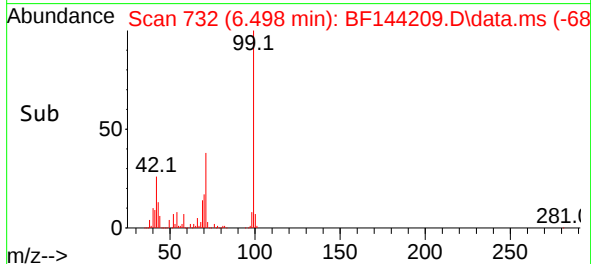
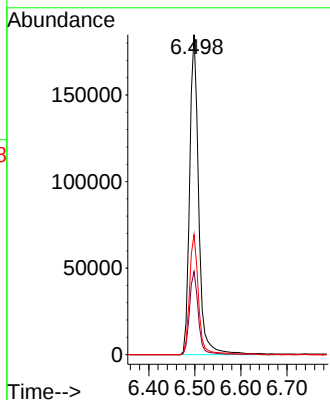
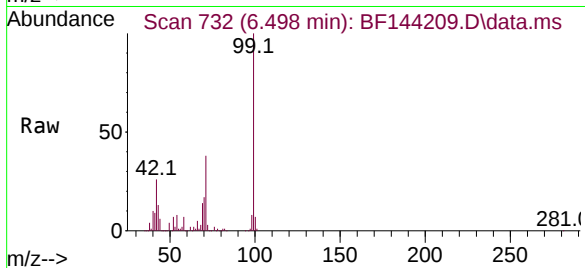




#7
Phenol-d6
Concen: 44.337 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

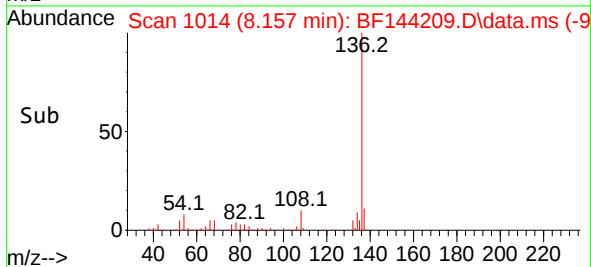
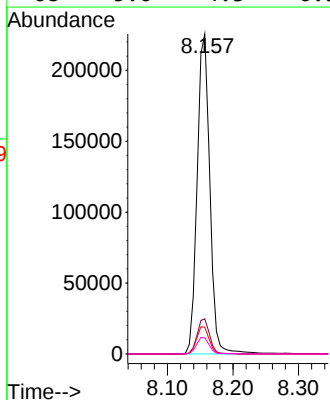
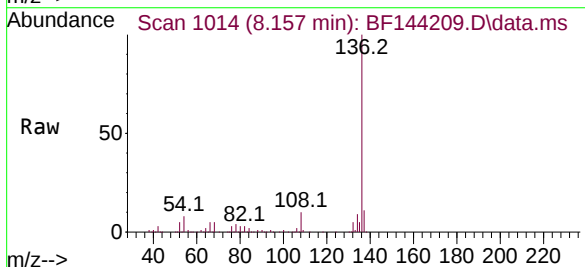
Instrument :
BNA_F
ClientSampleId :
VNJ-238

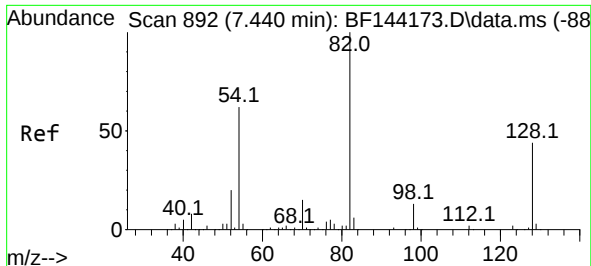
Tgt Ion: 99 Resp: 253794
Ion Ratio Lower Upper
99 100
42 26.0 20.9 31.3
71 37.5 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Tgt Ion: 136 Resp: 301405
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.3 7.0 10.6
68 5.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 29.460 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.000 min

Lab File: BF144209.D

Acq: 11 Nov 2025 18:31

Instrument :

BNA_F

ClientSampleId :

VNJ-238

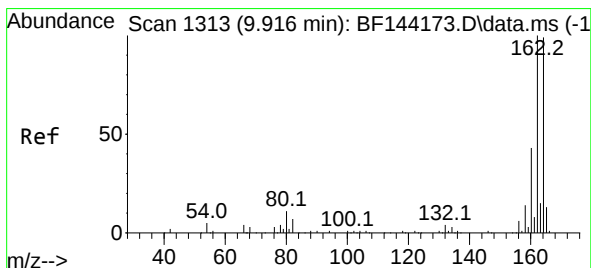
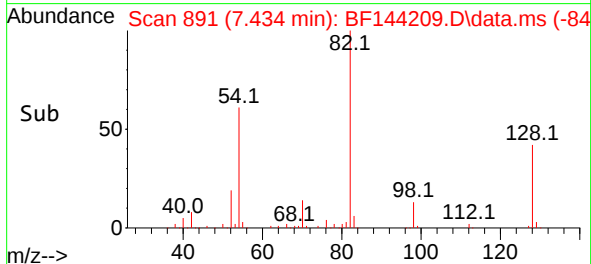
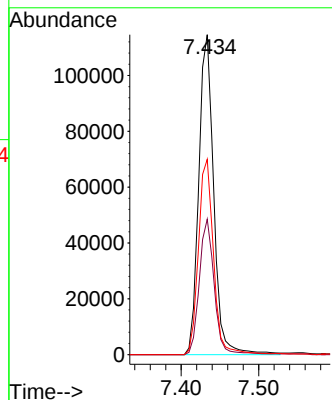
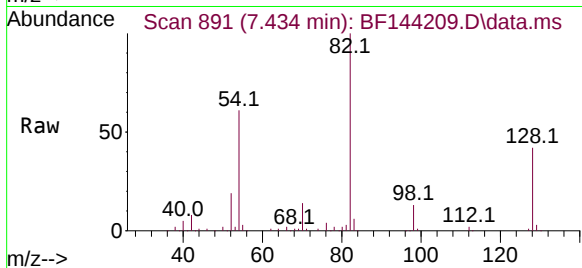
Tgt Ion: 82 Resp: 153741

Ion Ratio Lower Upper

82 100

128 42.3 34.7 52.1

54 61.0 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. -0.000 min

Lab File: BF144209.D

Acq: 11 Nov 2025 18:31

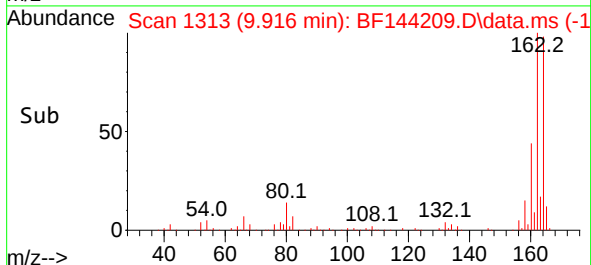
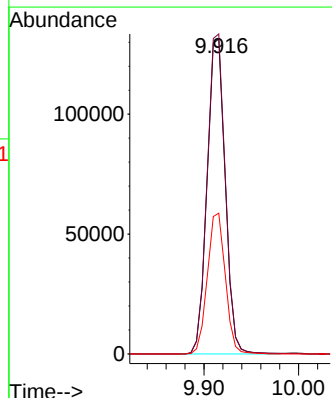
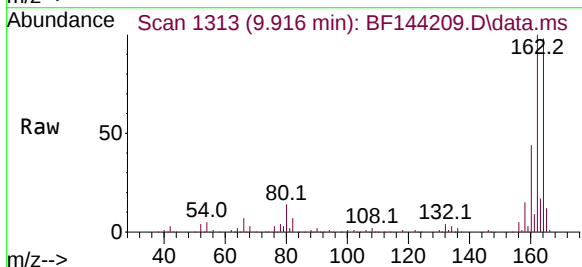
Tgt Ion:164 Resp: 174565

Ion Ratio Lower Upper

164 100

162 101.7 81.1 121.7

160 44.7 34.5 51.7

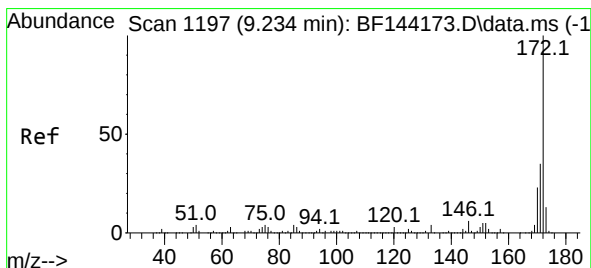
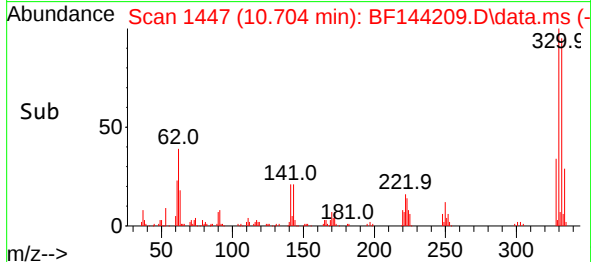
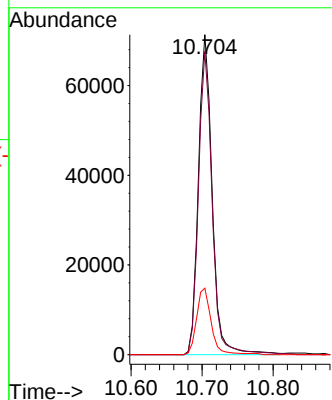
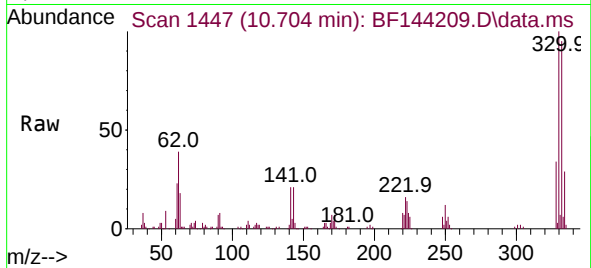




#42
2,4,6-Tribromophenol
Concen: 43.975 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

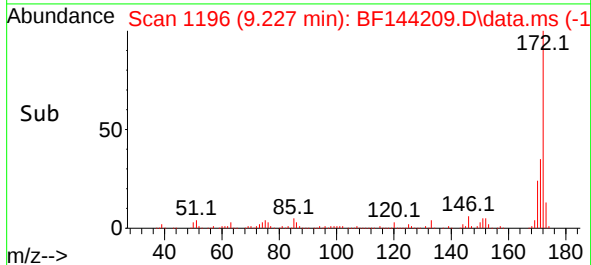
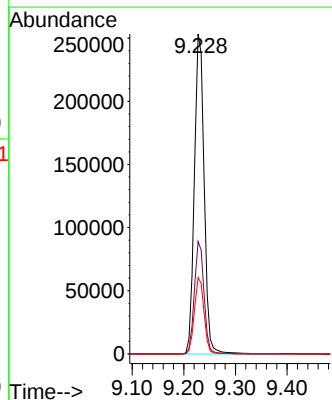
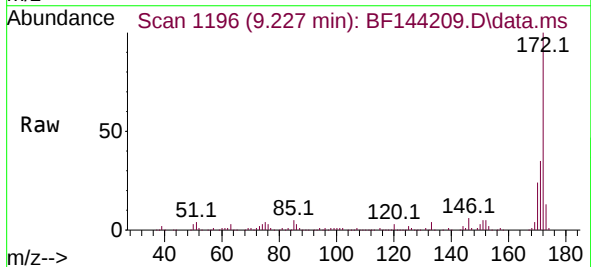
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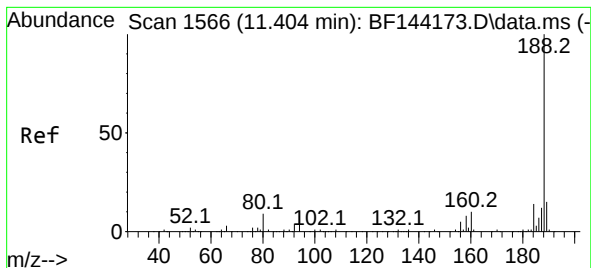
Tgt Ion:330 Resp: 96331
Ion Ratio Lower Upper
330 100
332 94.1 76.7 115.1
141 21.6 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 28.210 ng
RT: 9.227 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF144209.D
Acq: 11 Nov 2025 18:31

Tgt Ion:172 Resp: 333422
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.8 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF144209.D

Acq: 11 Nov 2025 18:31

Instrument :

BNA_F

ClientSampleId :

VNJ-238

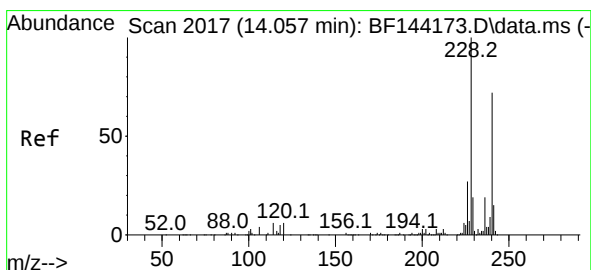
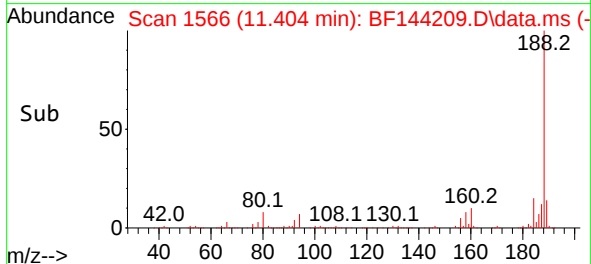
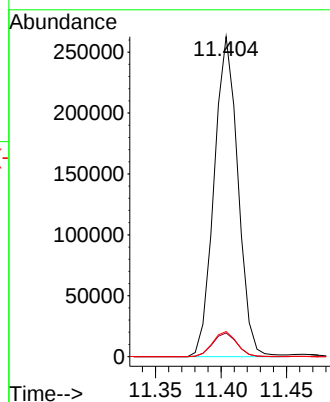
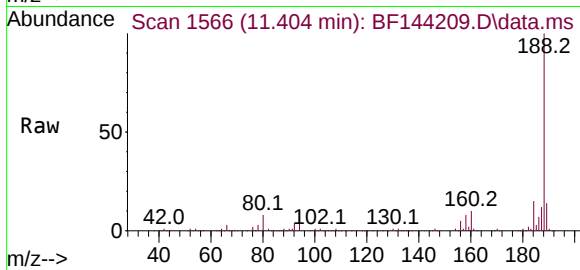
Tgt Ion:188 Resp: 332908

Ion Ratio Lower Upper

188 100

94 7.4 6.2 9.2

80 7.8 6.9 10.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.006 min

Lab File: BF144209.D

Acq: 11 Nov 2025 18:31

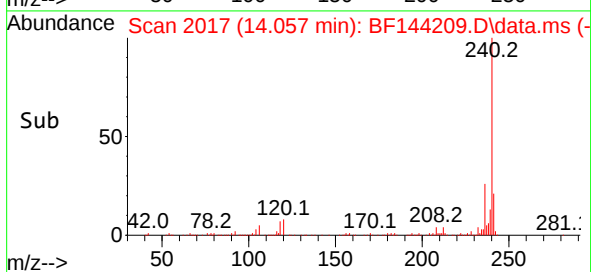
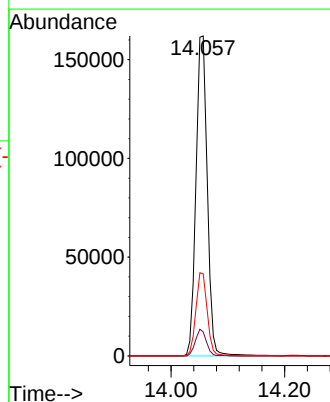
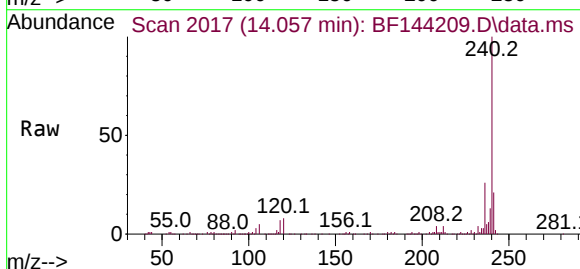
Tgt Ion:240 Resp: 223121

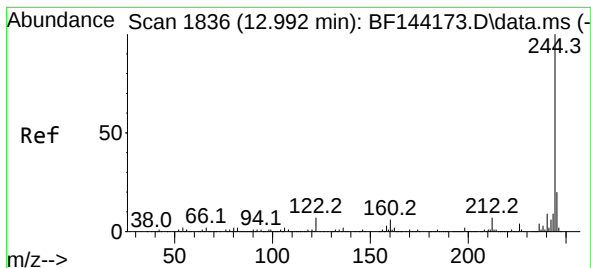
Ion Ratio Lower Upper

240 100

120 7.5 6.6 10.0

236 25.7 21.4 32.2





#79

Terphenyl-d14

Concen: 32.777 ng

RT: 12.992 min Scan# 1836

Delta R.T. -0.000 min

Lab File: BF144209.D

Acq: 11 Nov 2025 18:31

Instrument :

BNA_F

ClientSampleId :

VNJ-238

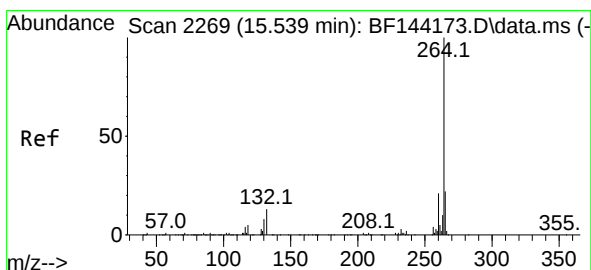
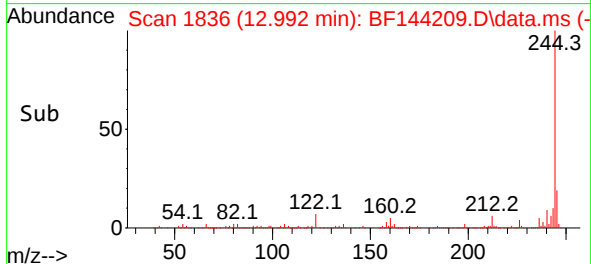
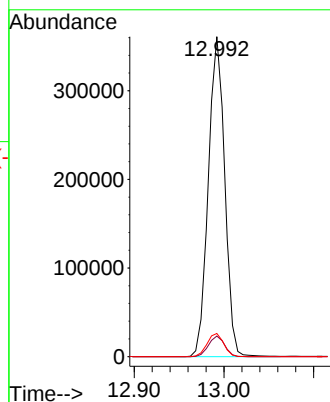
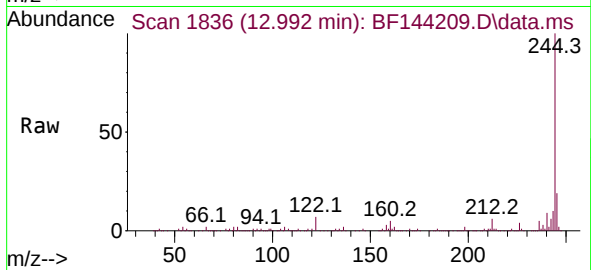
Tgt Ion:244 Resp: 460408

Ion Ratio Lower Upper

244 100

212 6.4 5.3 7.9

122 7.2 5.6 8.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.000 min

Lab File: BF144209.D

Acq: 11 Nov 2025 18:31

Tgt Ion:264 Resp: 205875

Ion Ratio Lower Upper

264 100

260 21.6 17.1 25.7

265 21.4 17.4 26.0

