

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
 Data File : BF144201.D
 Acq On : 11 Nov 2025 14:09
 Operator : RC/JU
 Sample : Q3586-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED-1

Quant Time: Nov 11 14:29:57 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	6.875	152	66900	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	248822	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	132870	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	221346	20.000	ng	0.00
76) Chrysene-d12	14.057	240	167727	20.000	ng	0.00
86) Perylene-d12	15.539	264	213949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	503087	117.678	ng	0.00
7) Phenol-d6	6.504	99	582365	120.223	ng	0.00
23) Nitrobenzene-d5	7.434	82	371885	86.320	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	210459	126.223	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	758037	84.261	ng	0.00
79) Terphenyl-d14	12.998	244	741841	70.254	ng	0.00

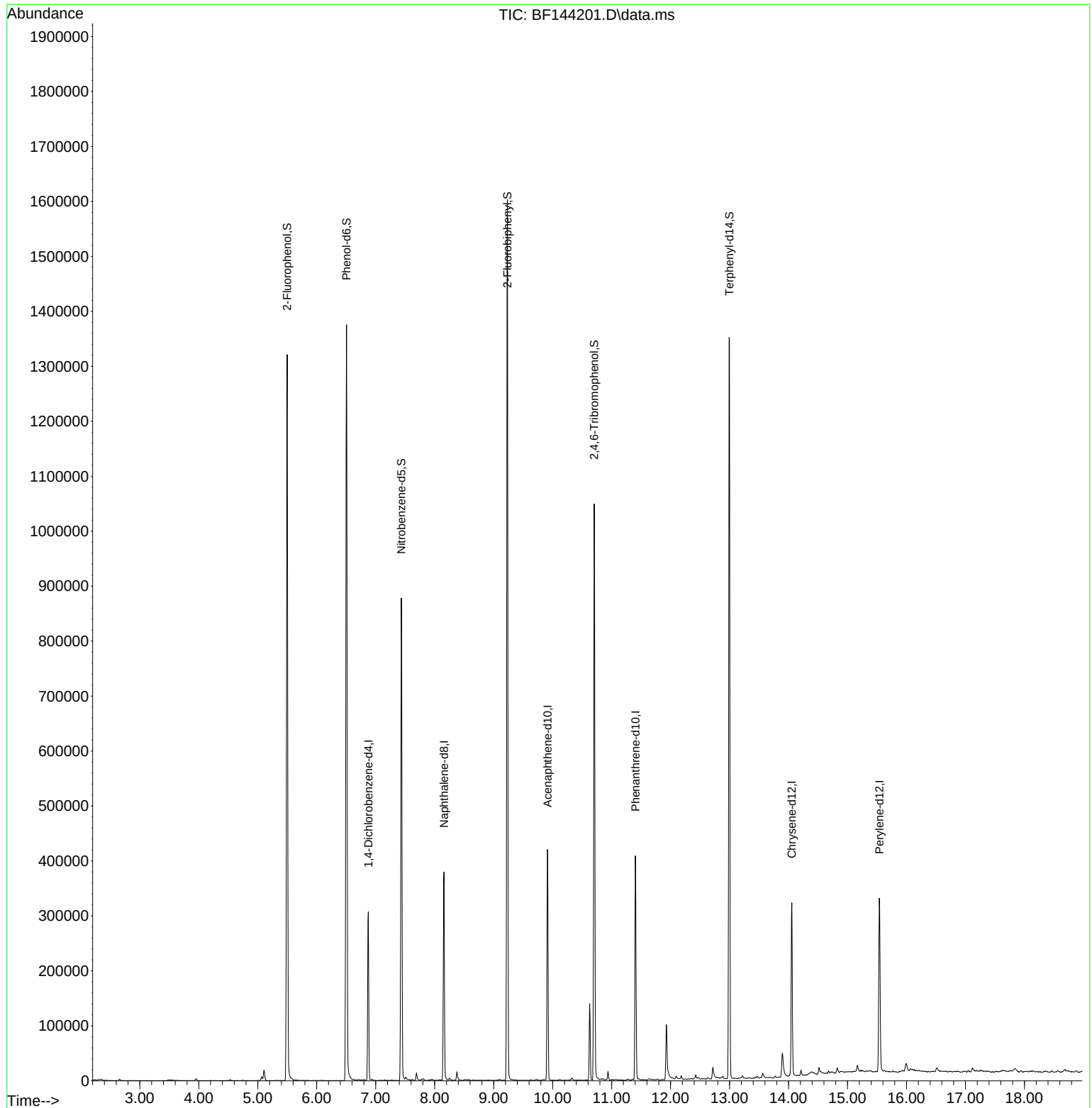
Target Compounds	Qvalue

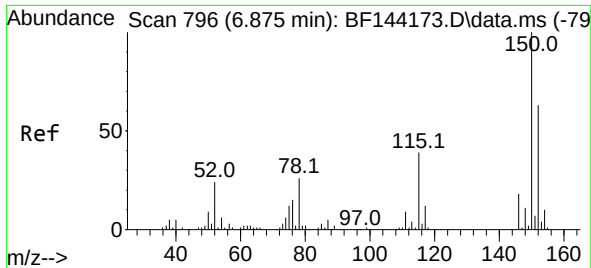
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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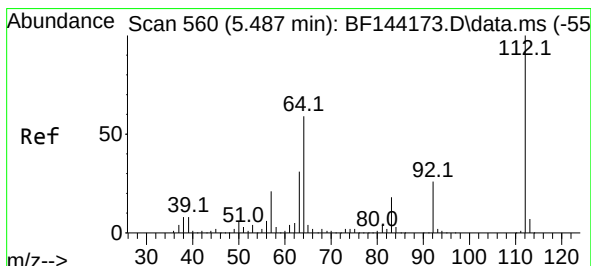
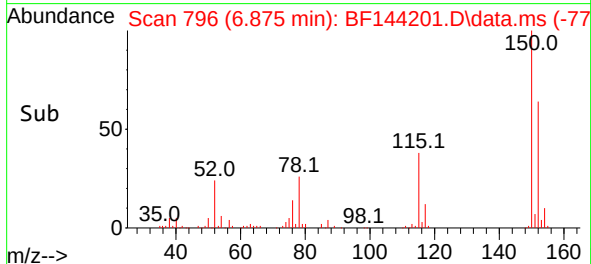
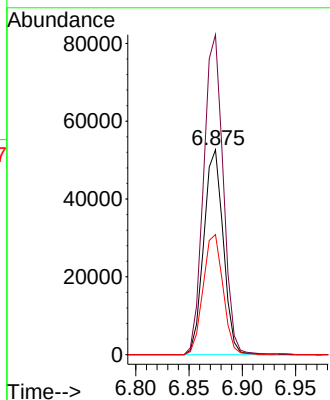
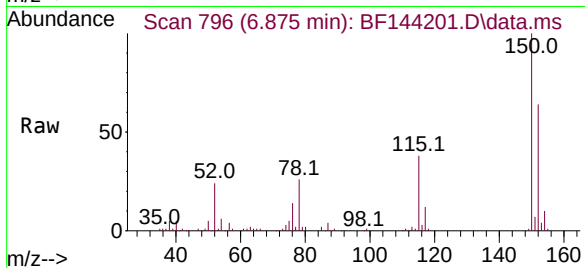




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

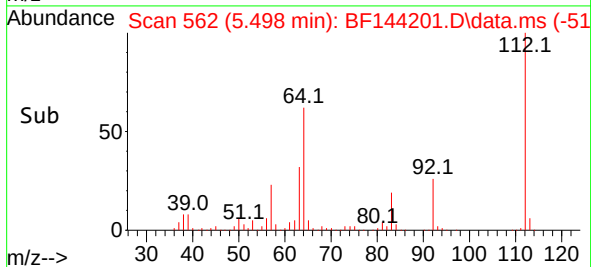
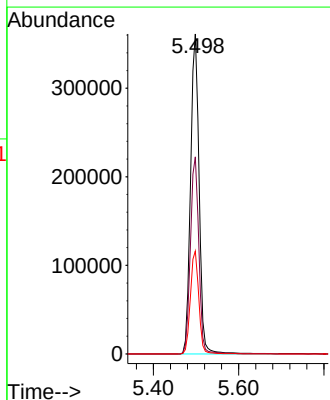
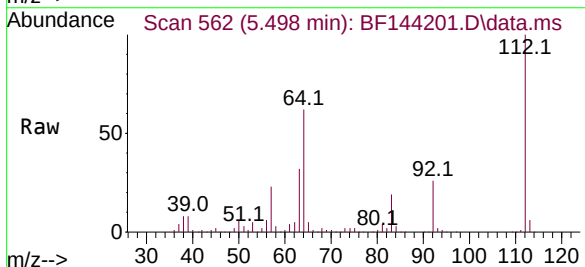
Instrument :
BNA_F
ClientSampleId :
SED-1

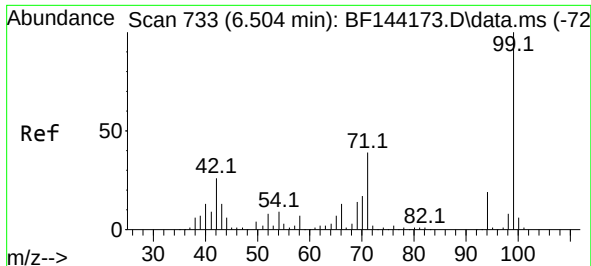
Tgt Ion:152 Resp: 66900
Ion Ratio Lower Upper
152 100
150 156.2 127.4 191.0
115 58.6 49.5 74.3



#5
2-Fluorophenol
Concen: 117.678 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:112 Resp: 503087
Ion Ratio Lower Upper
112 100
64 61.6 47.2 70.8
63 32.1 24.4 36.6

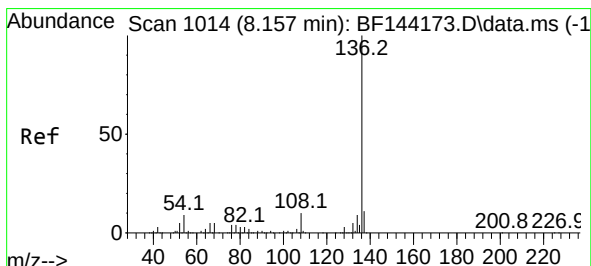
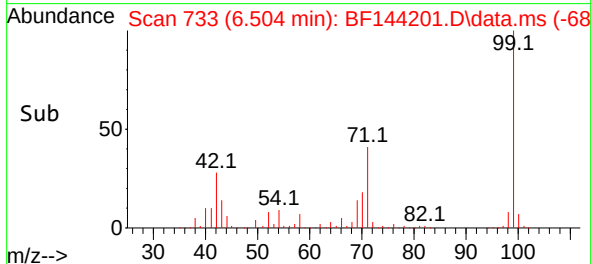
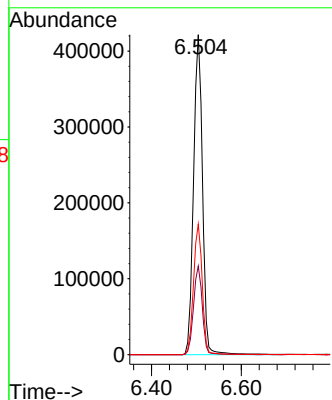
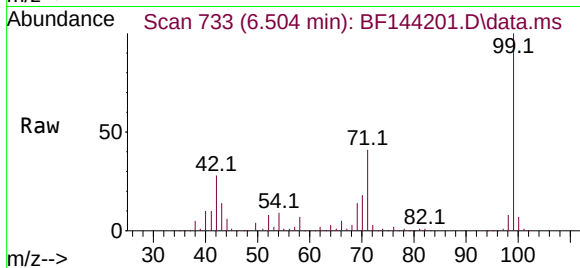




#7
Phenol-d6
Concen: 120.223 ng
RT: 6.504 min Scan# 733
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

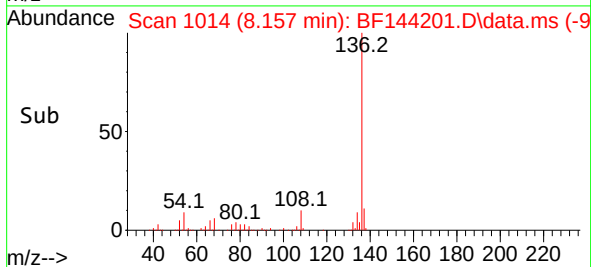
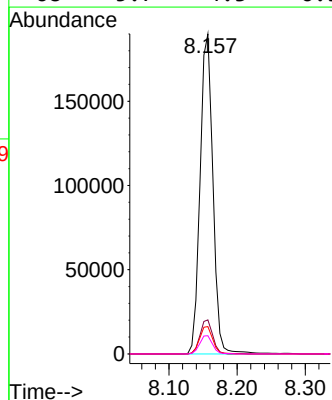
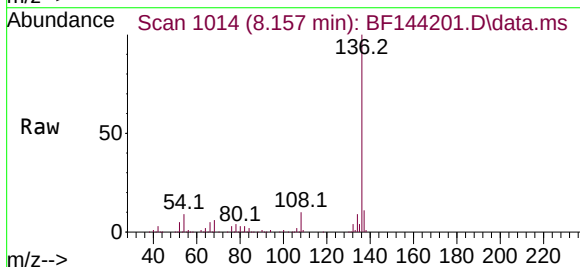
Instrument :
BNA_F
ClientSampleId :
SED-1

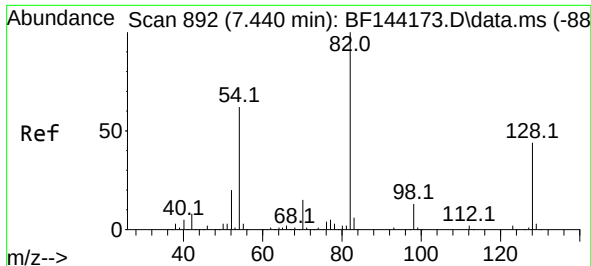
Tgt Ion: 99 Resp: 582365
Ion Ratio Lower Upper
99 100
42 27.7 20.9 31.3
71 40.8 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion: 136 Resp: 248822
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.5 7.0 10.6
68 5.7 4.3 6.5

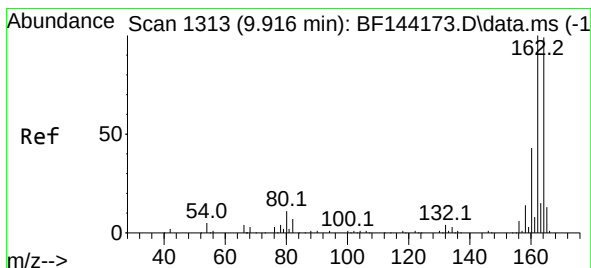
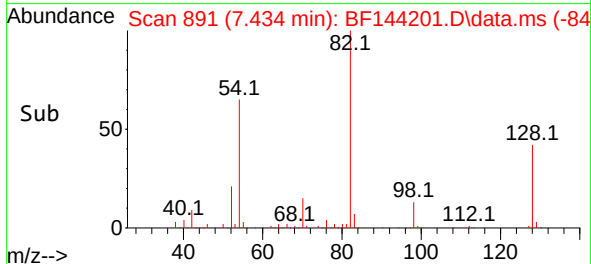
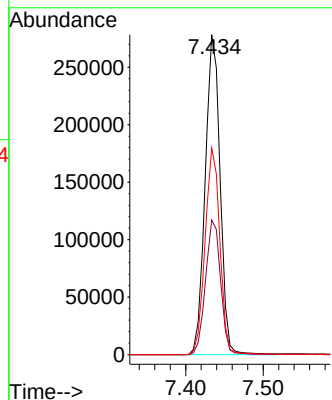
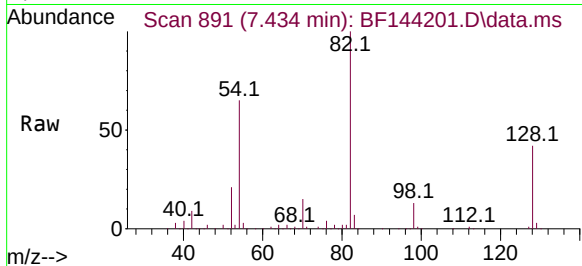




#23
 Nitrobenzene-d5
 Concen: 86.320 ng
 RT: 7.434 min Scan# 891
 Delta R.T. -0.000 min
 Lab File: BF144201.D
 Acq: 11 Nov 2025 14:09

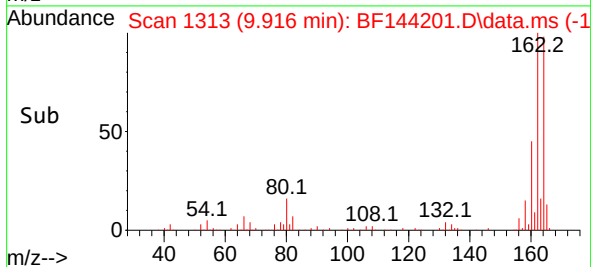
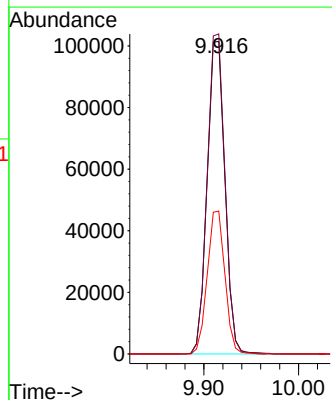
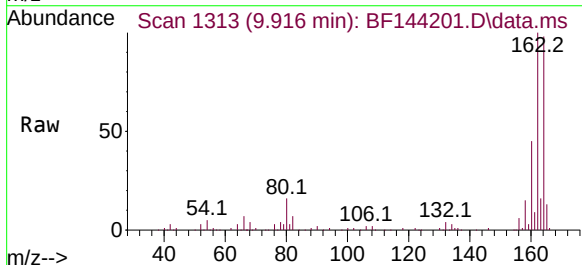
Instrument :
 BNA_F
 ClientSampleId :
 SED-1

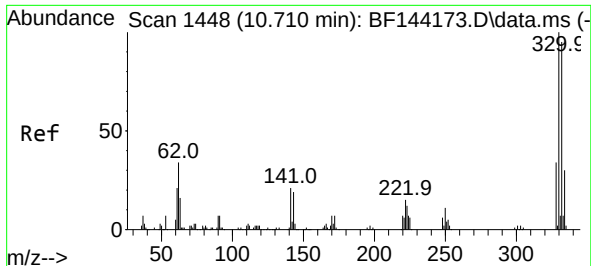
Tgt Ion: 82 Resp: 371885
 Ion Ratio Lower Upper
 82 100
 128 42.1 34.7 52.1
 54 64.6 49.5 74.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.916 min Scan# 1313
 Delta R.T. -0.000 min
 Lab File: BF144201.D
 Acq: 11 Nov 2025 14:09

Tgt Ion: 164 Resp: 132870
 Ion Ratio Lower Upper
 164 100
 162 102.4 81.1 121.7
 160 45.7 34.5 51.7

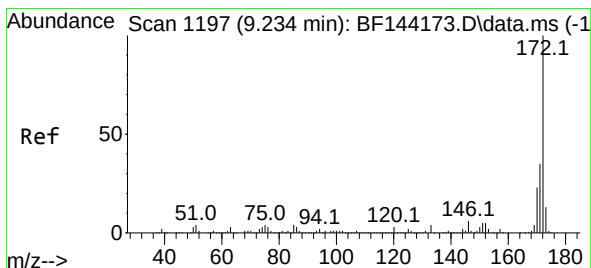
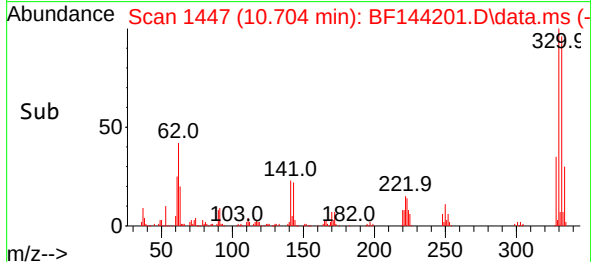
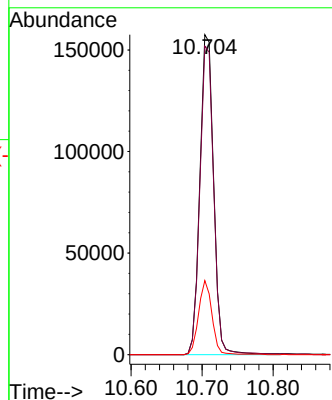
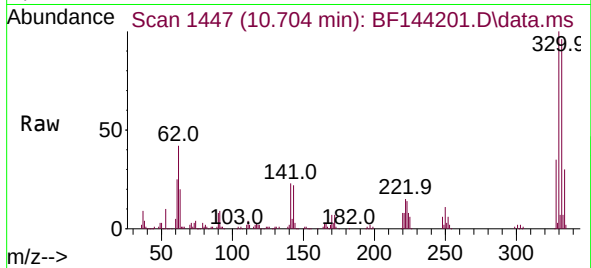




#42
 2,4,6-Tribromophenol
 Concen: 126.223 ng
 RT: 10.704 min Scan# 1448
 Delta R.T. -0.000 min
 Lab File: BF144201.D
 Acq: 11 Nov 2025 14:09

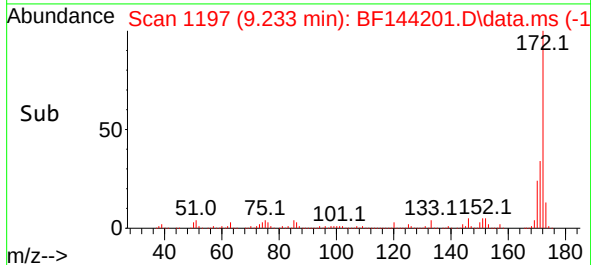
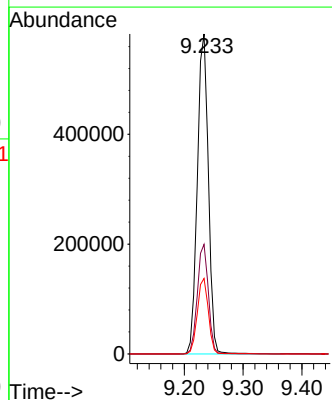
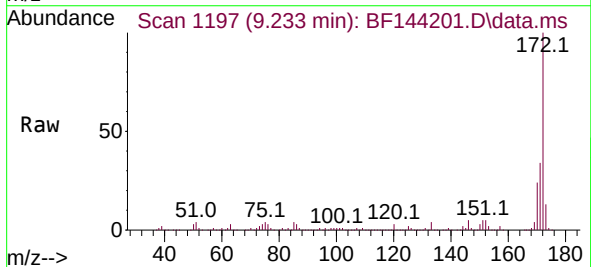
Instrument :
 BNA_F
 ClientSampleId :
 SED-1

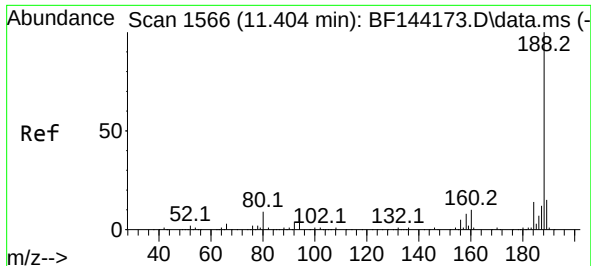
Tgt Ion:330 Resp: 210459
 Ion Ratio Lower Upper
 330 100
 332 97.1 76.7 115.1
 141 22.5 17.8 26.8



#45
 2-Fluorobiphenyl
 Concen: 84.261 ng
 RT: 9.233 min Scan# 1197
 Delta R.T. 0.006 min
 Lab File: BF144201.D
 Acq: 11 Nov 2025 14:09

Tgt Ion:172 Resp: 758037
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.1 42.1
 170 23.6 18.6 28.0

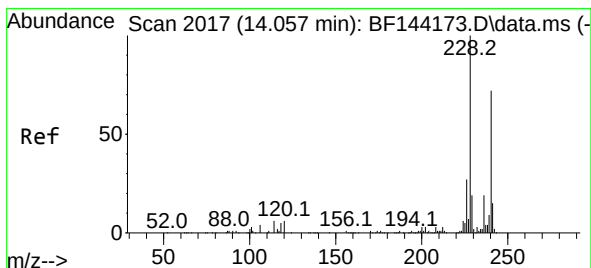
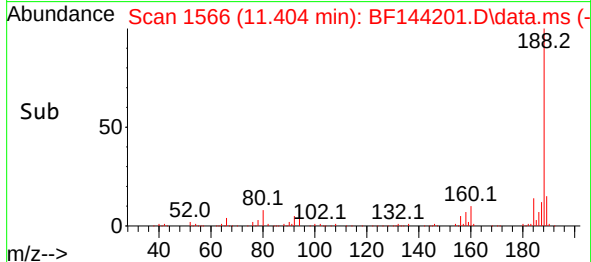
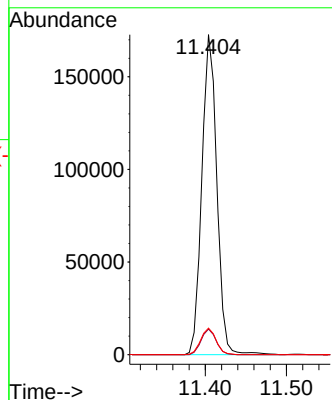
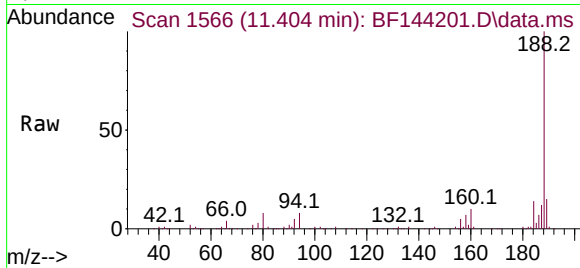




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

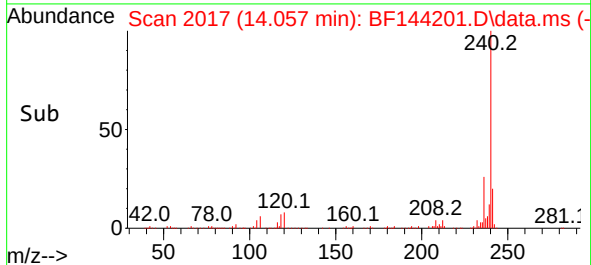
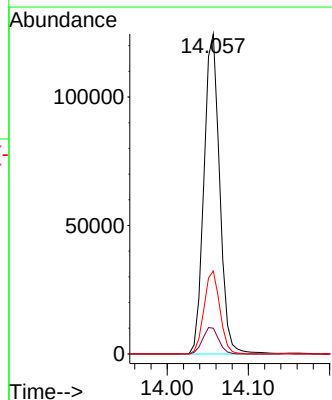
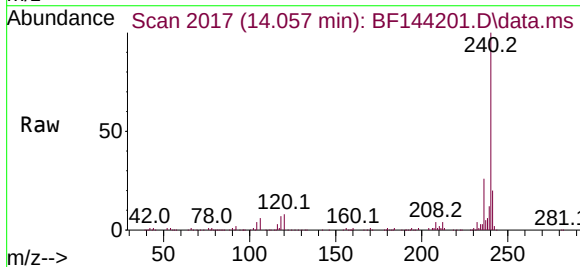
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SED-1

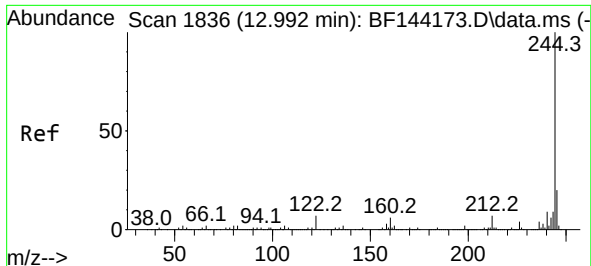
Tgt Ion:188 Resp: 221346
Ion Ratio Lower Upper
188 100
94 8.0 6.2 9.2
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 1717
Delta R.T. 0.006 min
Lab File: BF144201.D
Acq: 11 Nov 2025 14:09

Tgt Ion:240 Resp: 167727
Ion Ratio Lower Upper
240 100
120 8.0 6.6 10.0
236 25.9 21.4 32.2

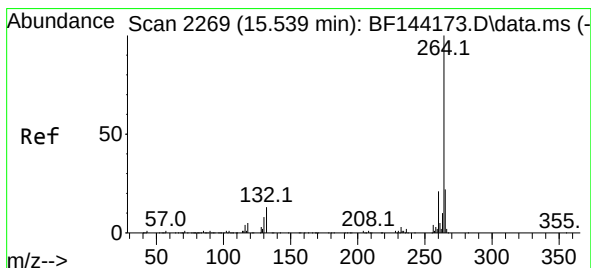
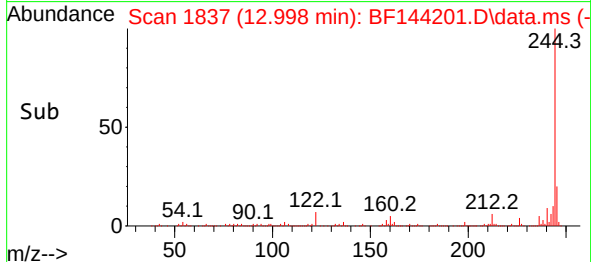
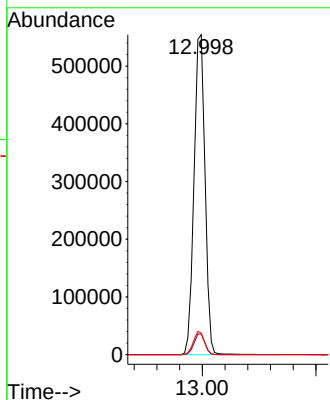
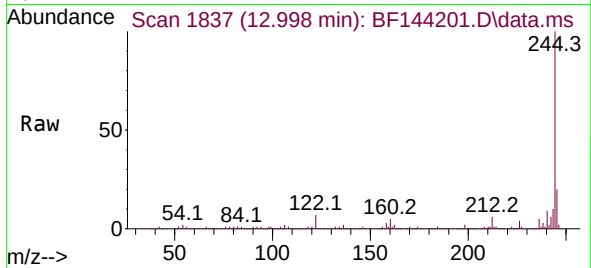




#79
 Terphenyl-d14
 Concen: 70.254 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: BF144201.D
 Acq: 11 Nov 2025 14:09

Instrument :
 BNA_F
 ClientSampleId :
 SED-1

Tgt Ion:244 Resp: 741841
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 6.7 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: BF144201.D
 Acq: 11 Nov 2025 14:09

Tgt Ion:264 Resp: 213949
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.1 25.7
 265 21.4 17.4 26.0

