

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112425\
 Data File : BF144324.D
 Acq On : 24 Nov 2025 15:21
 Operator : RC/JU
 Sample : Q3707-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V933

Quant Time: Nov 25 00:23:23 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	6.863	152	54484	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	205704	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	110558	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	181768	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	129250	20.000	ng	-0.01
86) Perylene-d12	15.521	264	167511	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	199897	57.414	ng	0.00
7) Phenol-d6	6.492	99	310125	78.612	ng	0.00
23) Nitrobenzene-d5	7.422	82	227724	63.937	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	64658	46.605	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	470571	62.863	ng	-0.01
79) Terphenyl-d14	12.980	244	444049	54.571	ng	-0.01

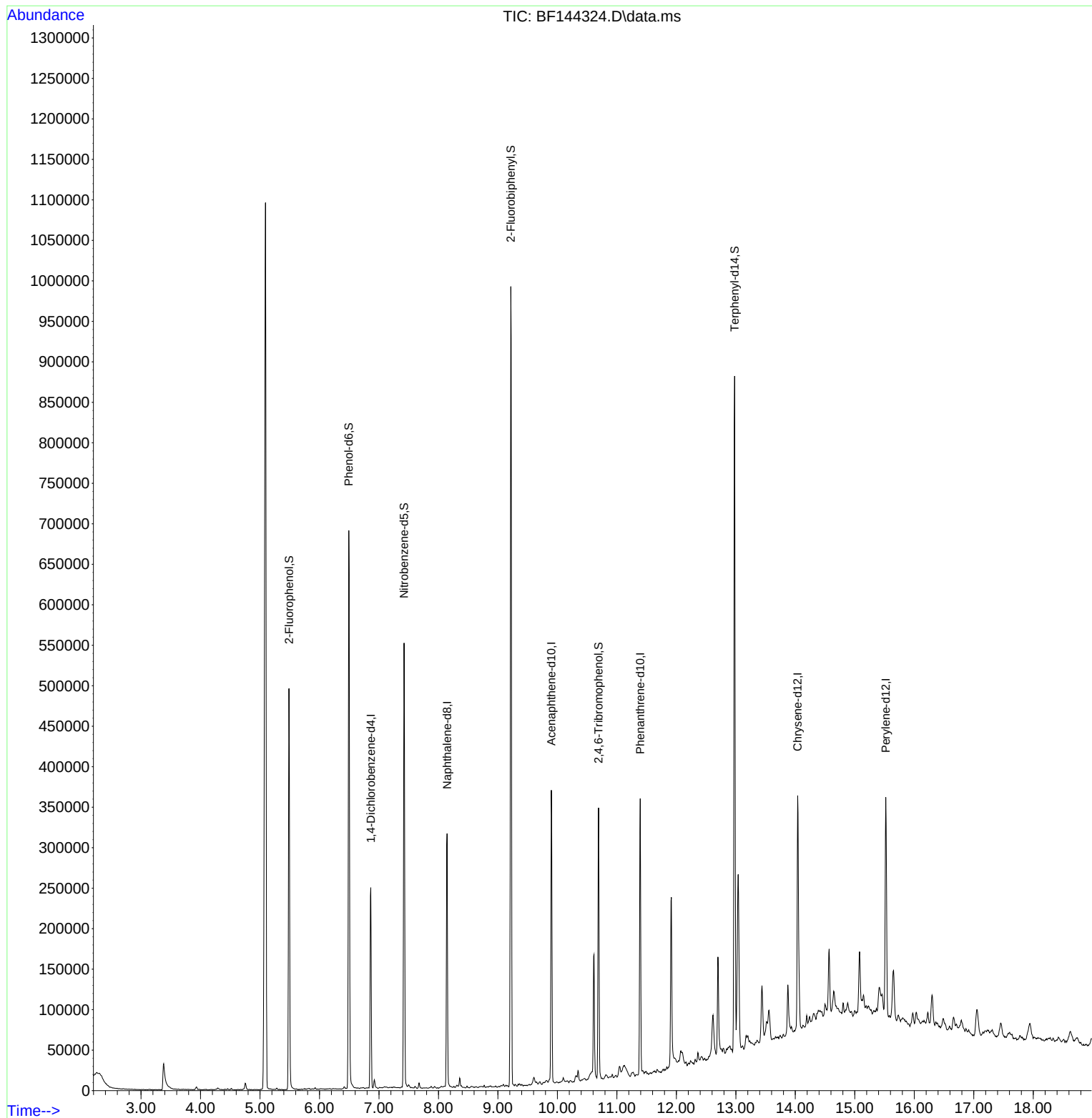
Target Compounds	Qvalue

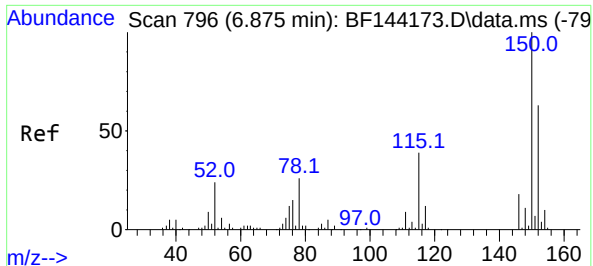
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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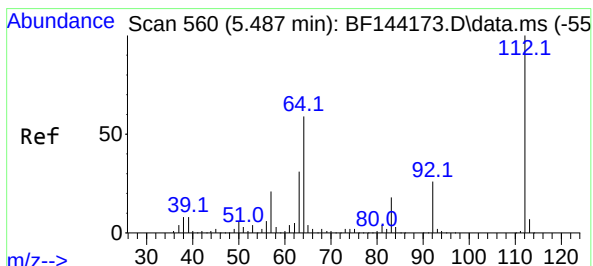
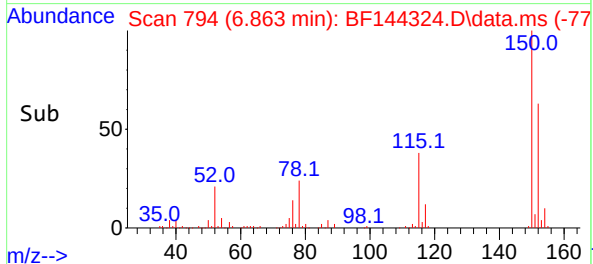
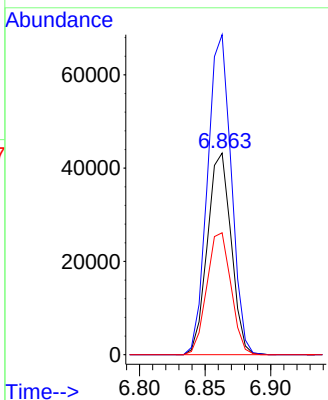
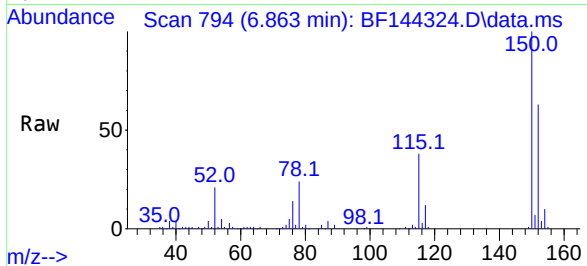




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

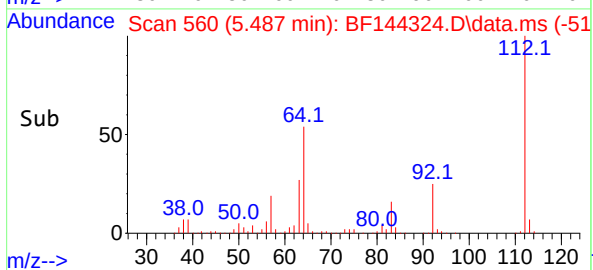
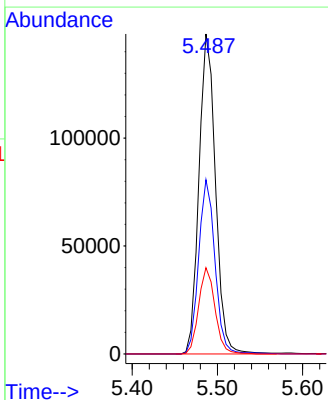
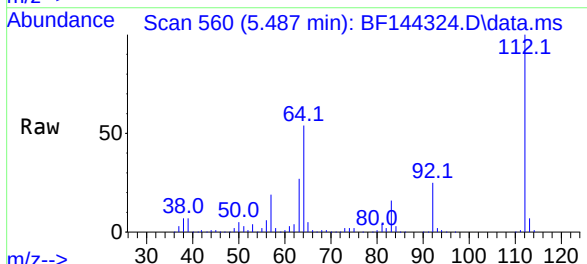
Instrument :
BNA_F
ClientSampleId :
V933

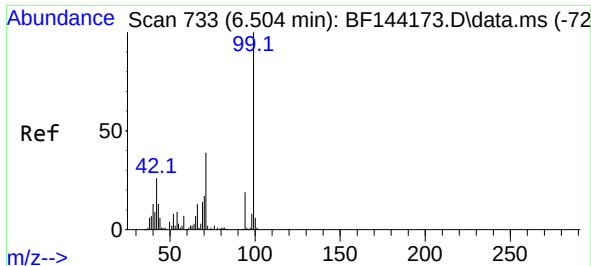
Tgt Ion:152 Resp: 54484
Ion Ratio Lower Upper
152 100
150 158.7 127.4 191.0
115 60.5 49.5 74.3



#5
2-Fluorophenol
Concen: 57.414 ng
RT: 5.487 min Scan# 560
Delta R.T. -0.006 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

Tgt Ion:112 Resp: 199897
Ion Ratio Lower Upper
112 100
64 54.5 47.2 70.8
63 26.9 24.4 36.6

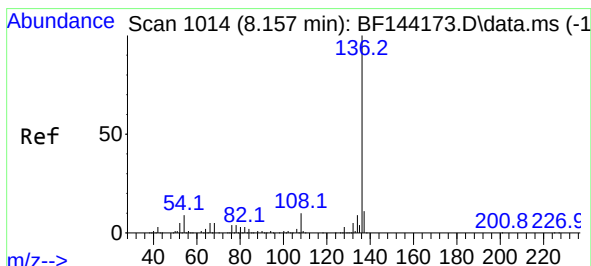
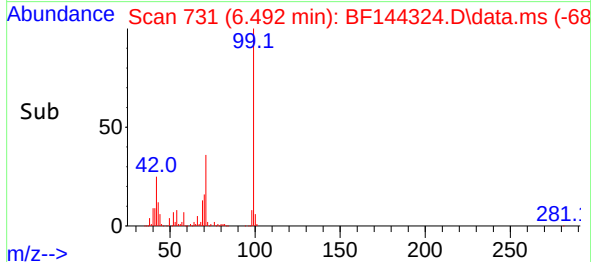
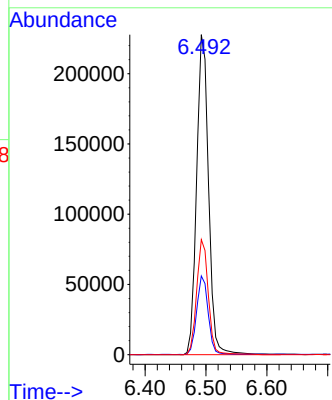
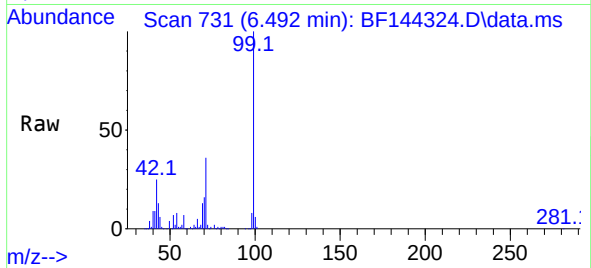




#7
Phenol-d6
Concen: 78.612 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

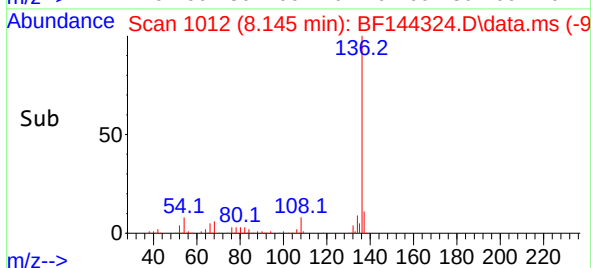
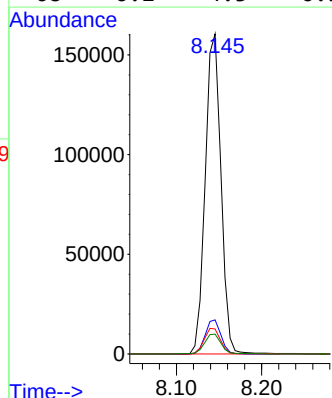
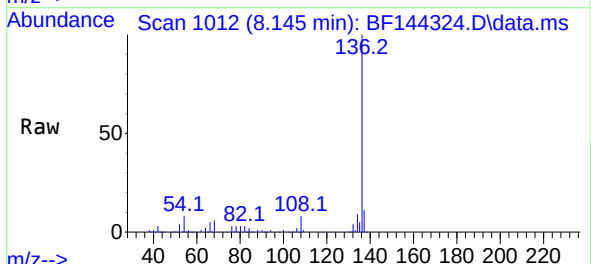
Instrument :
BNA_F
ClientSampleId :
V933

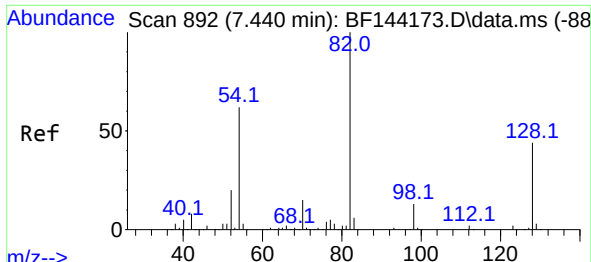
Tgt Ion: 99 Resp: 310125
Ion Ratio Lower Upper
99 100
42 24.6 20.9 31.3
71 36.0 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

Tgt Ion: 136 Resp: 205704
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.8 7.0 10.6
68 6.2 4.3 6.5

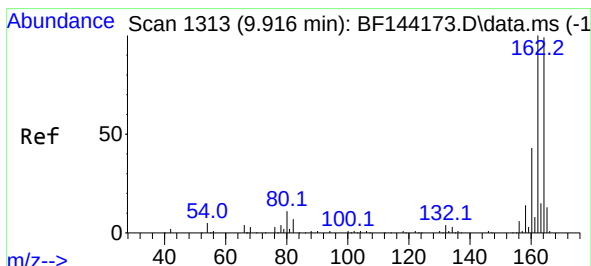
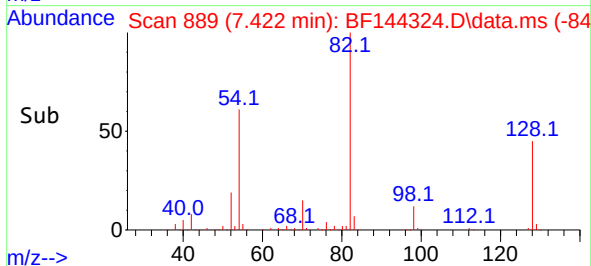
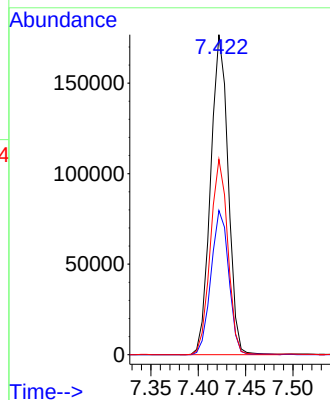
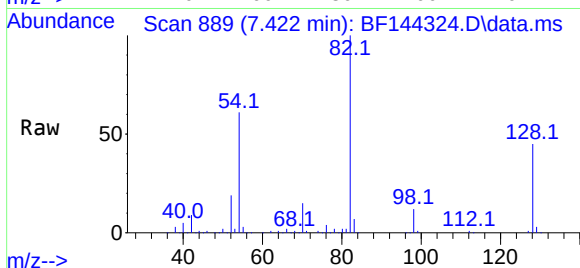




#23
Nitrobenzene-d5
Concen: 63.937 ng
RT: 7.422 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

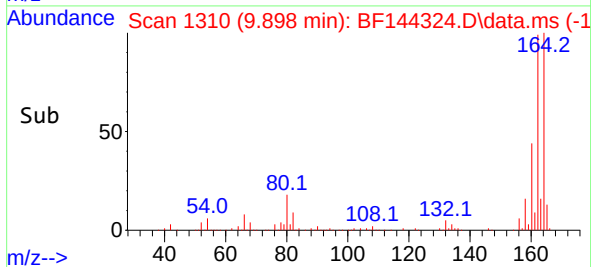
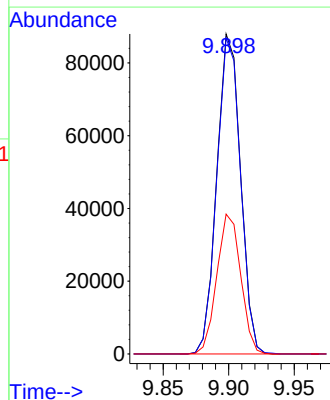
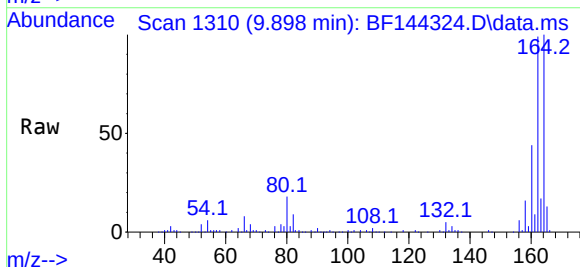
Instrument :
BNA_F
ClientSampleId :
V933

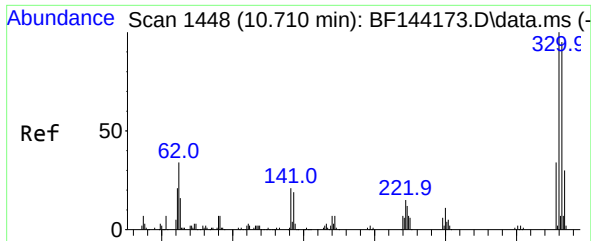
Tgt Ion: 82 Resp: 227724
Ion Ratio Lower Upper
82 100
128 45.0 34.7 52.1
54 61.0 49.5 74.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1310
Delta R.T. -0.018 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

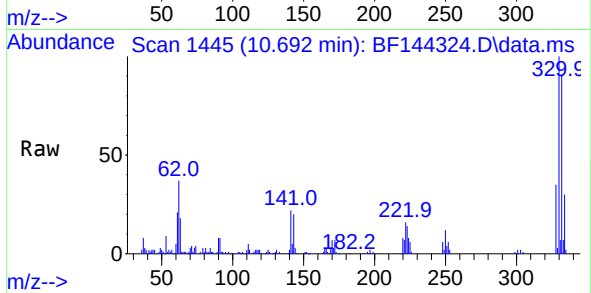
Tgt Ion:164 Resp: 110558
Ion Ratio Lower Upper
164 100
162 98.8 81.1 121.7
160 43.7 34.5 51.7



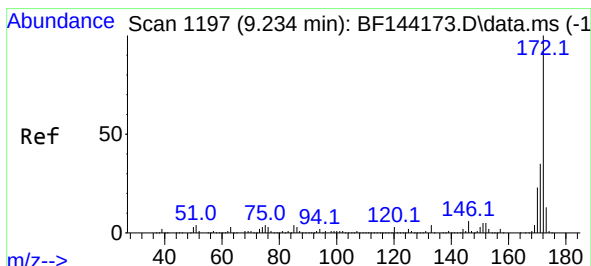
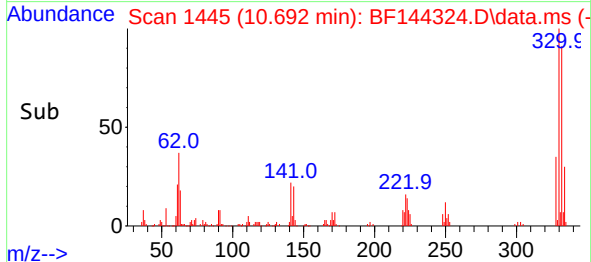
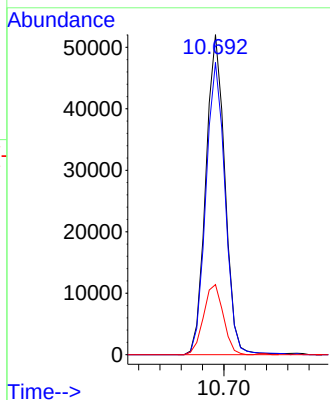


#42
2,4,6-Tribromophenol
Concen: 46.605 ng
RT: 10.692 min Scan# 1445
Delta R.T. -0.012 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

Instrument :
BNA_F
ClientSampleId :
V933

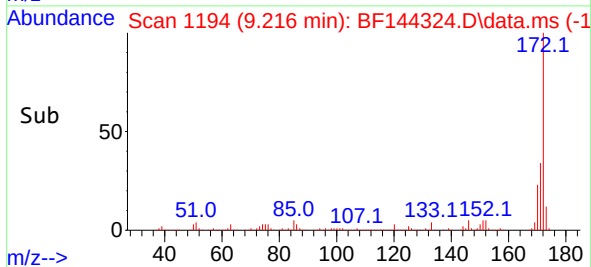
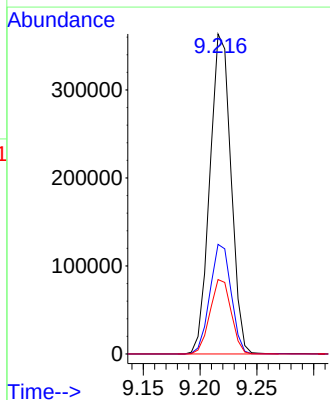
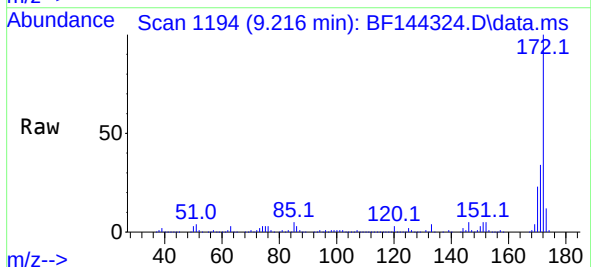


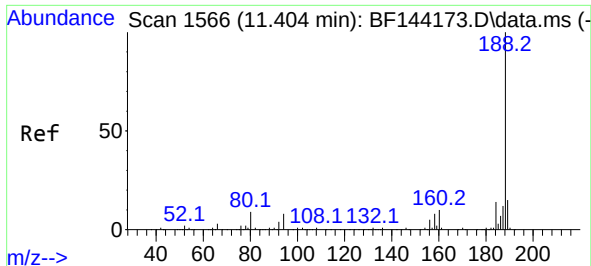
Tgt Ion:330 Resp: 64658
Ion Ratio Lower Upper
330 100
332 92.2 76.7 115.1
141 22.7 17.8 26.8



#45
2-Fluorobiphenyl
Concen: 62.863 ng
RT: 9.216 min Scan# 1194
Delta R.T. -0.012 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

Tgt Ion:172 Resp: 470571
Ion Ratio Lower Upper
172 100
171 34.2 28.1 42.1
170 23.2 18.6 28.0

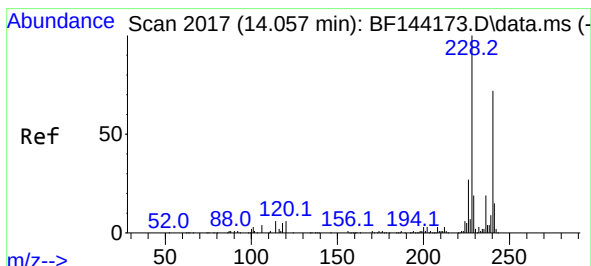
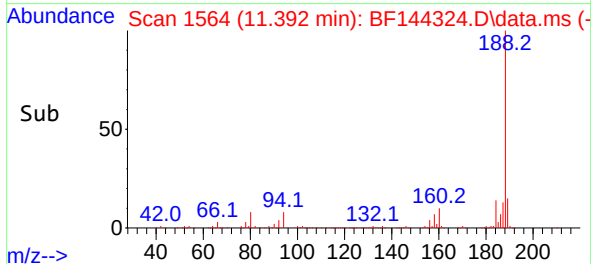
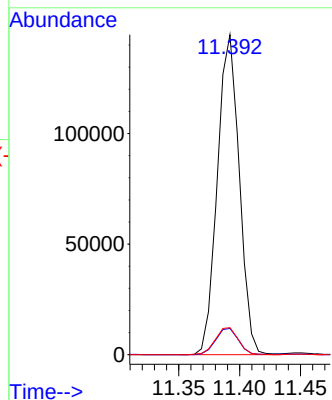
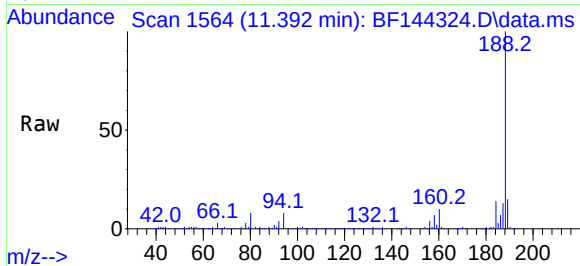




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

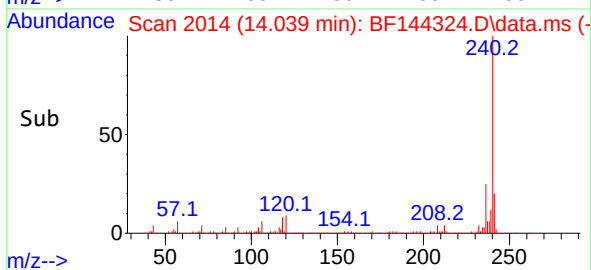
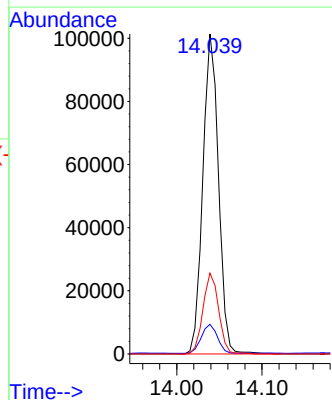
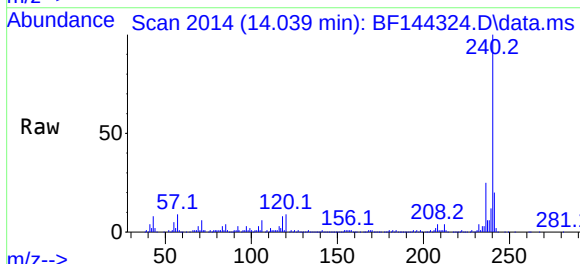
Instrument :
BNA_F
ClientSampleId :
V933

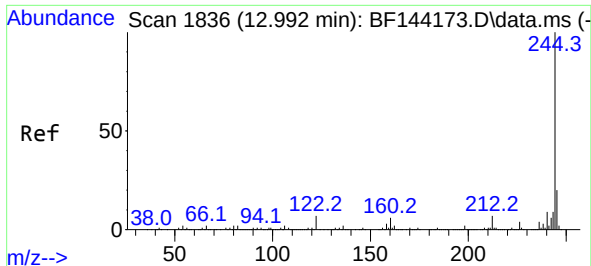
Tgt Ion:188 Resp: 181768
Ion Ratio Lower Upper
188 100
94 8.2 6.2 9.2
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2014
Delta R.T. -0.012 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

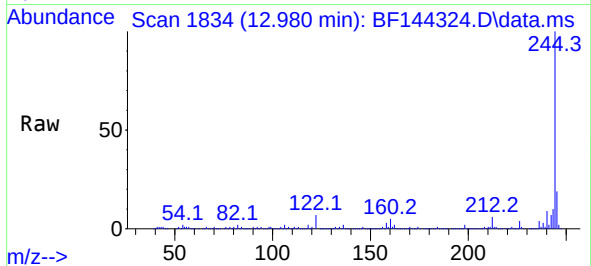
Tgt Ion:240 Resp: 129250
Ion Ratio Lower Upper
240 100
120 9.3 6.6 10.0
236 25.2 21.4 32.2



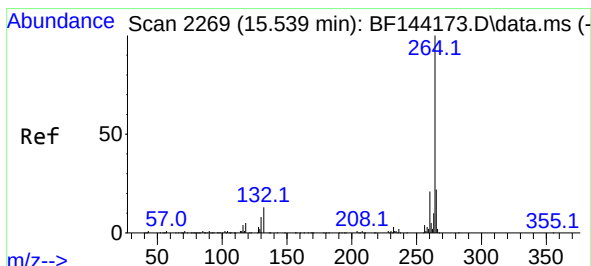
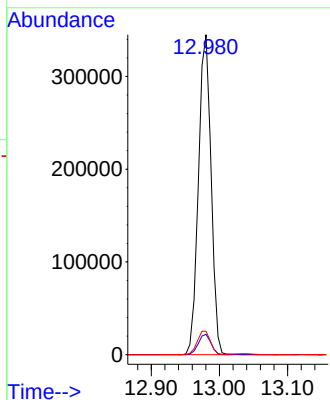
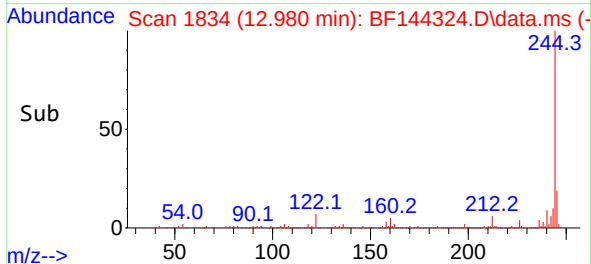


#79
Terphenyl-d14
Concen: 54.571 ng
RT: 12.980 min Scan# 1834
Delta R.T. -0.012 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

Instrument :
BNA_F
ClientSampleId :
V933



Tgt Ion:244 Resp: 444049
Ion Ratio Lower Upper
244 100
212 6.4 5.3 7.9
122 7.3 5.6 8.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2266
Delta R.T. -0.018 min
Lab File: BF144324.D
Acq: 24 Nov 2025 15:21

Tgt Ion:264 Resp: 167511
Ion Ratio Lower Upper
264 100
260 21.3 17.1 25.7
265 21.1 17.4 26.0

