

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120125\
 Data File : BF144383.D
 Acq On : 01 Dec 2025 13:13
 Operator : RC/JU
 Sample : PB170749BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170749BL

Quant Time: Dec 01 13:41:42 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	58219	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	220146	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	127140	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	220904	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	141006	20.000	ng	0.00
86) Perylene-d12	15.527	264	162985	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	426039	114.515	ng	0.00
7) Phenol-d6	6.498	99	482370	114.429	ng	0.00
23) Nitrobenzene-d5	7.422	82	308429	80.916	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	179615	112.579	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	659740	76.639	ng	0.00
79) Terphenyl-d14	12.980	244	697734	78.598	ng	-0.01

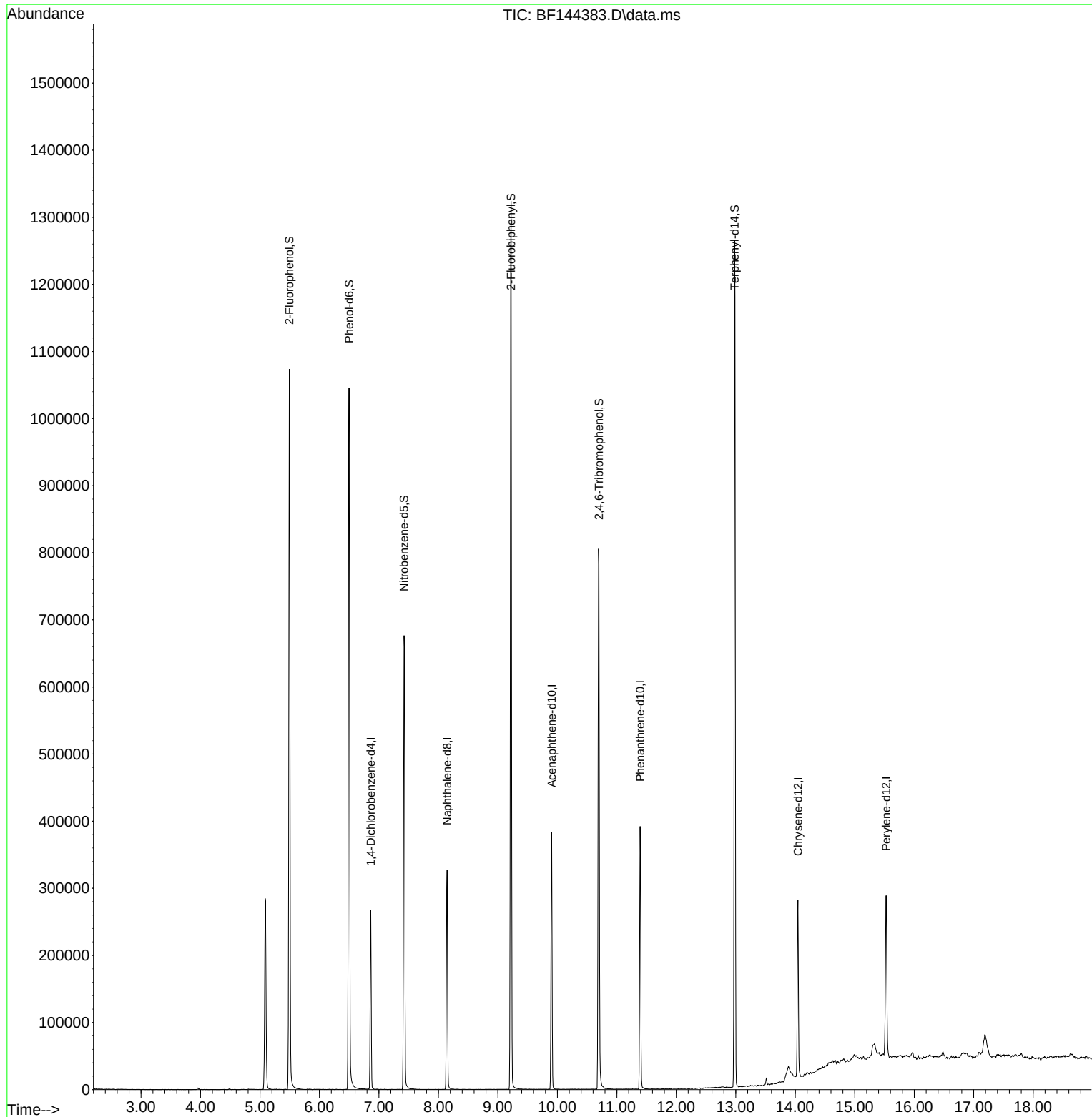
Target Compounds	Qvalue

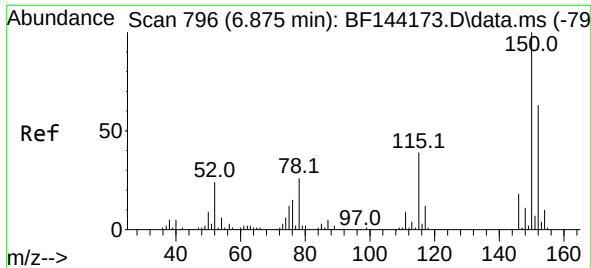
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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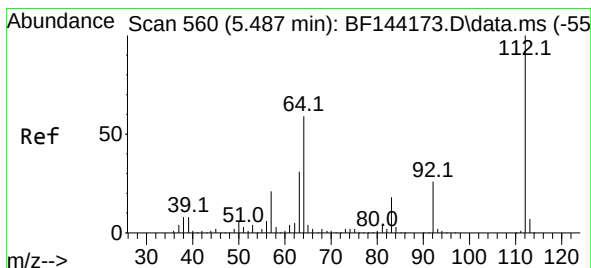
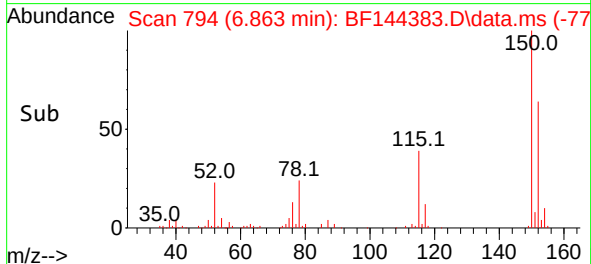
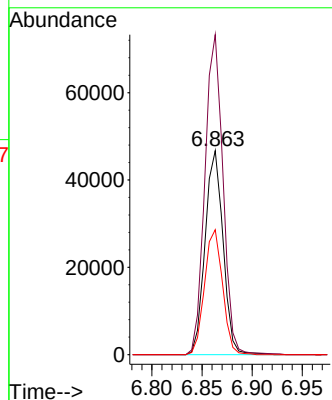
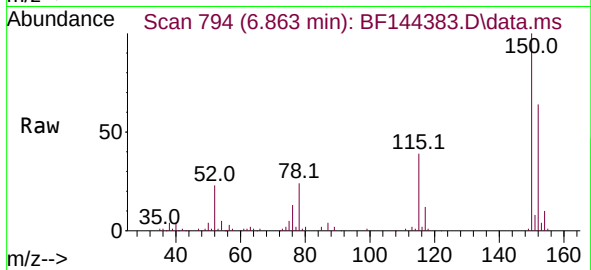




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 796
Delta R.T. -0.012 min
Lab File: BF144383.D
Acq: 01 Dec 2025 13:13

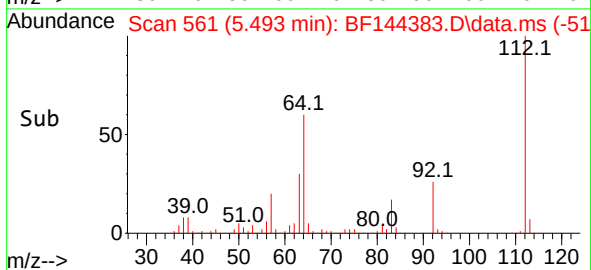
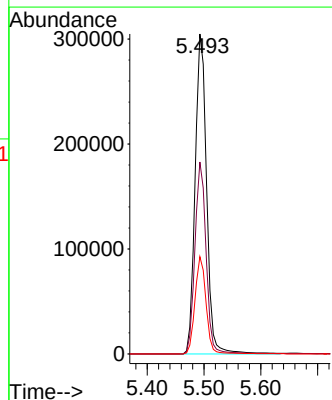
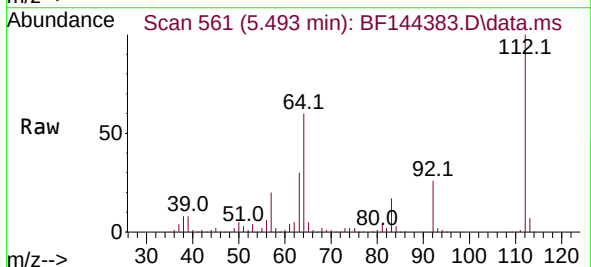
Instrument :
BNA_F
ClientSampleId :
PB170749BL

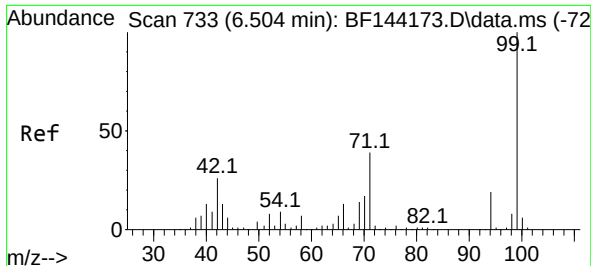
Tgt Ion:152 Resp: 58219
Ion Ratio Lower Upper
152 100
150 156.9 127.4 191.0
115 61.2 49.5 74.3



#5
2-Fluorophenol
Concen: 114.515 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144383.D
Acq: 01 Dec 2025 13:13

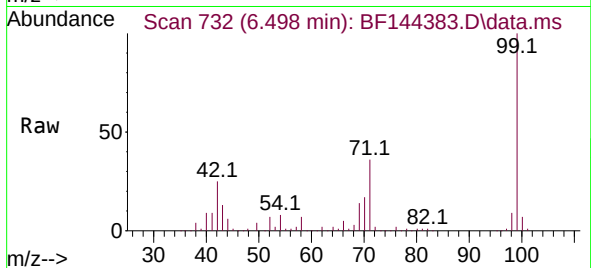
Tgt Ion:112 Resp: 426039
Ion Ratio Lower Upper
112 100
64 60.0 47.2 70.8
63 30.4 24.4 36.6





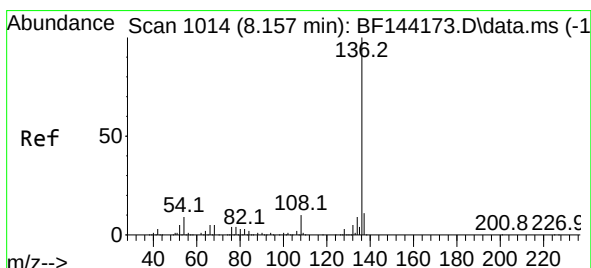
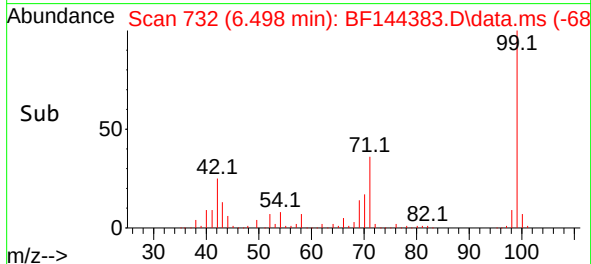
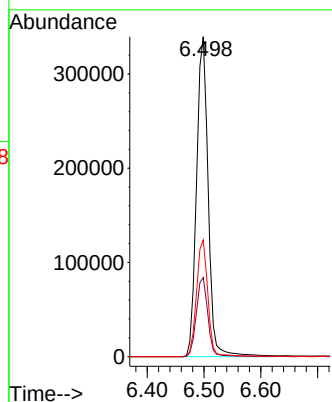
#7
Phenol-d6
Concen: 114.429 ng
RT: 6.498 min Scan# 731
Delta R.T. -0.000 min
Lab File: BF144383.D
Acq: 01 Dec 2025 13:13

Instrument :
BNA_F
ClientSampleId :
PB170749BL



Tgt Ion: 99 Resp: 482370

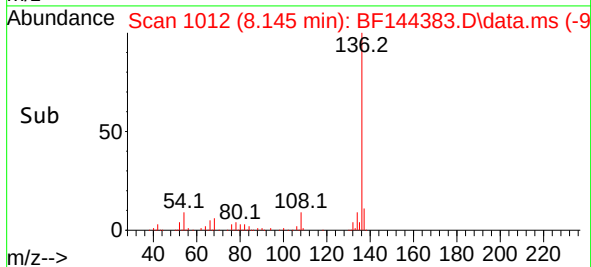
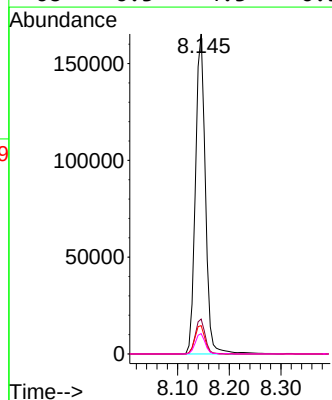
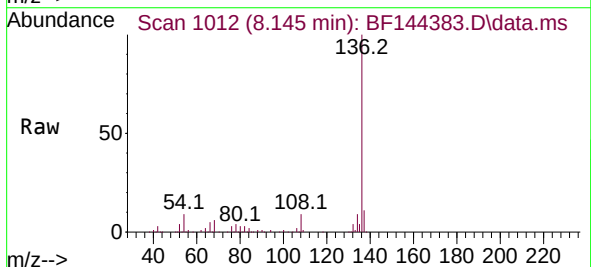
Ion	Ratio	Lower	Upper
99	100		
42	24.7	20.9	31.3
71	36.5	31.4	47.2

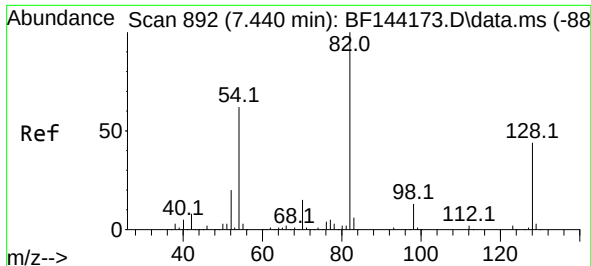


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144383.D
Acq: 01 Dec 2025 13:13

Tgt Ion: 136 Resp: 220146

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.8	7.0	10.6
68	6.3	4.3	6.5





#23

Nitrobenzene-d5

Concen: 80.916 ng

RT: 7.422 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF144383.D

Acq: 01 Dec 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB170749BL

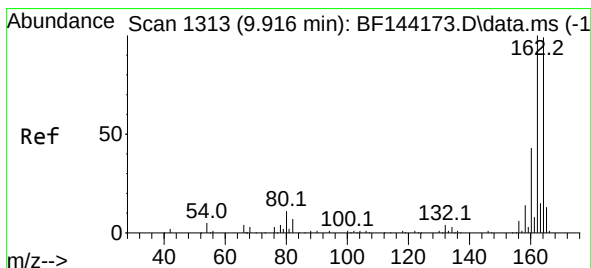
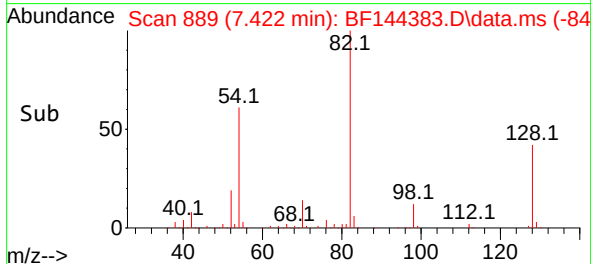
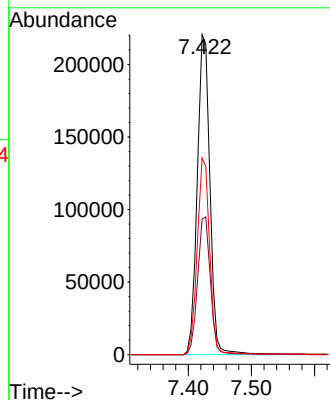
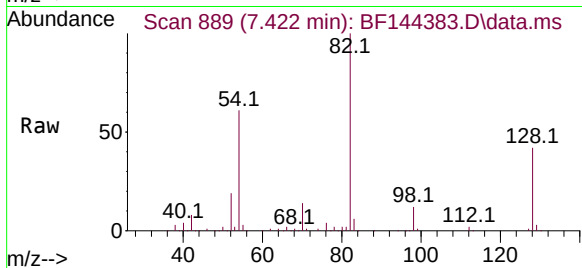
Tgt Ion: 82 Resp: 308429

Ion Ratio Lower Upper

82 100

128 42.4 34.7 52.1

54 61.5 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: BF144383.D

Acq: 01 Dec 2025 13:13

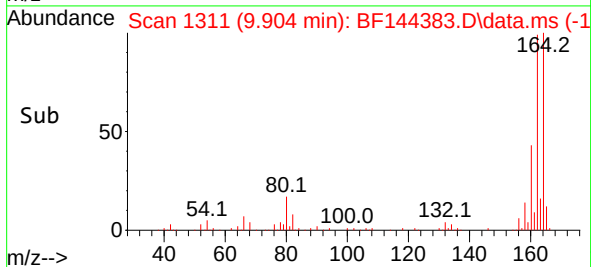
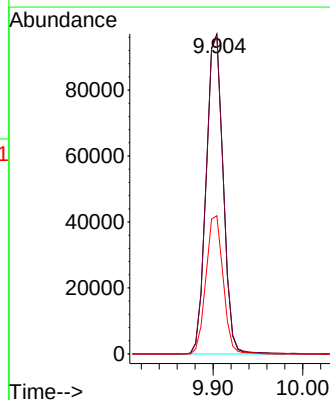
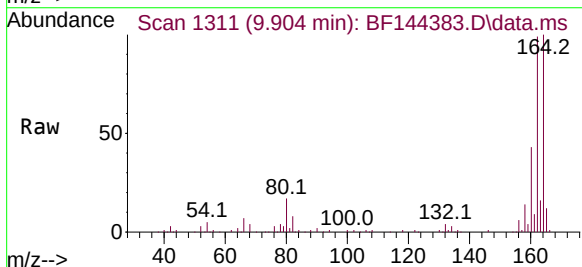
Tgt Ion:164 Resp: 127140

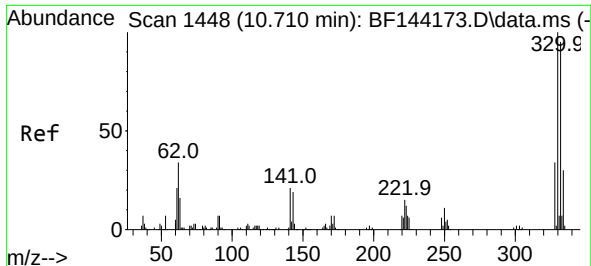
Ion Ratio Lower Upper

164 100

162 99.4 81.1 121.7

160 43.2 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 112.579 ng

RT: 10.698 min Scan# 1446

Delta R.T. -0.006 min

Lab File: BF144383.D

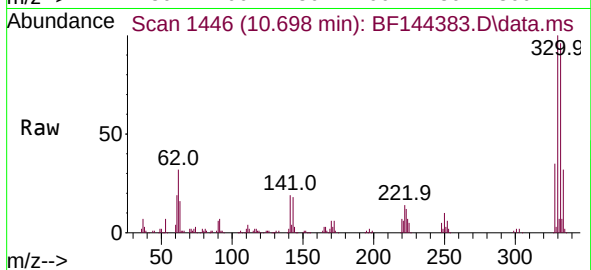
Acq: 01 Dec 2025 13:13

Instrument :

BNA_F

ClientSampleId :

PB170749BL



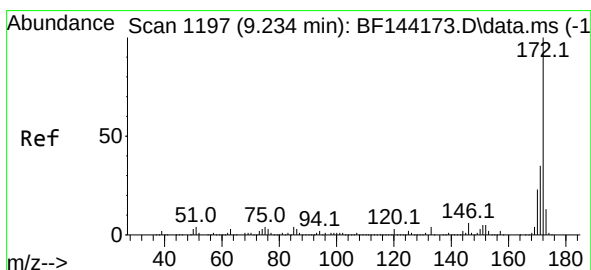
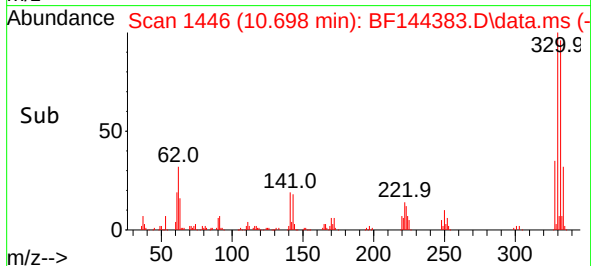
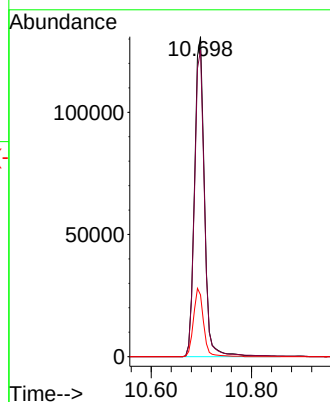
Tgt Ion:330 Resp: 179615

Ion Ratio Lower Upper

330 100

332 96.4 76.7 115.1

141 21.4 17.8 26.8



#45

2-Fluorobiphenyl

Concen: 76.639 ng

RT: 9.222 min Scan# 1195

Delta R.T. -0.006 min

Lab File: BF144383.D

Acq: 01 Dec 2025 13:13

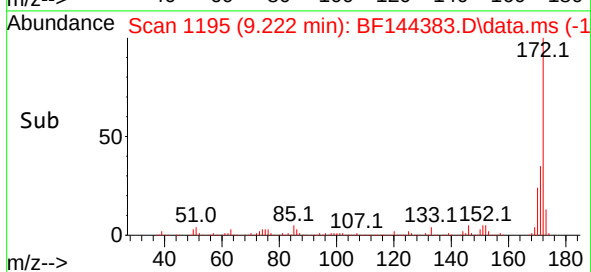
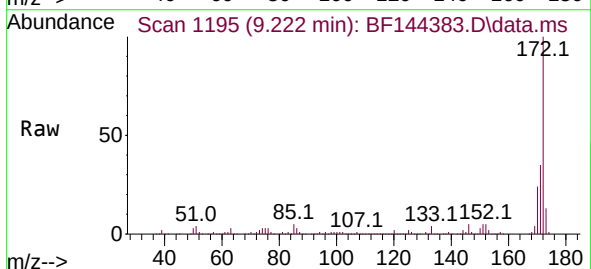
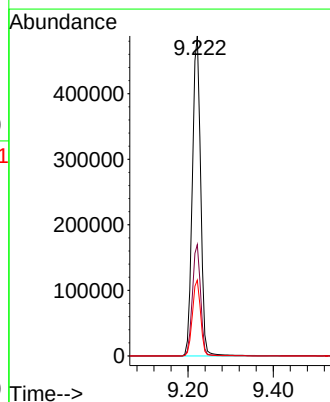
Tgt Ion:172 Resp: 659740

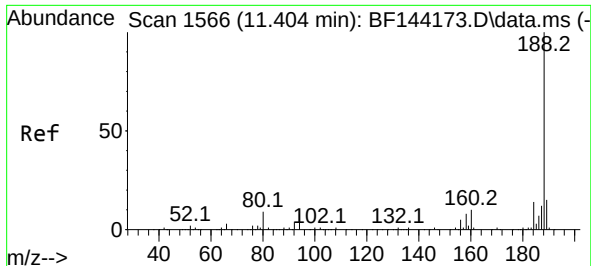
Ion Ratio Lower Upper

172 100

171 34.8 28.1 42.1

170 23.7 18.6 28.0

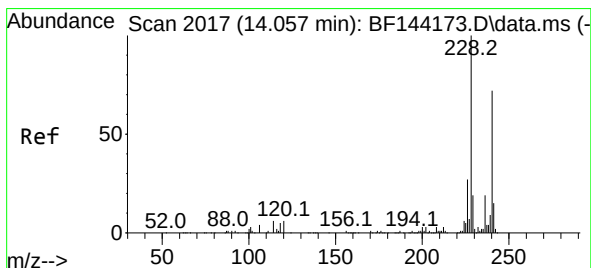
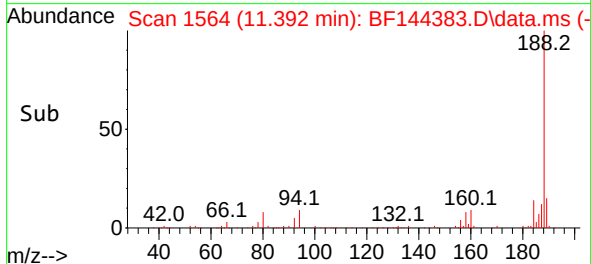
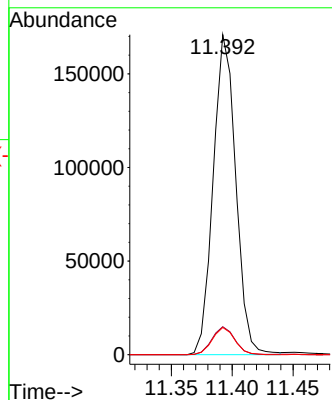
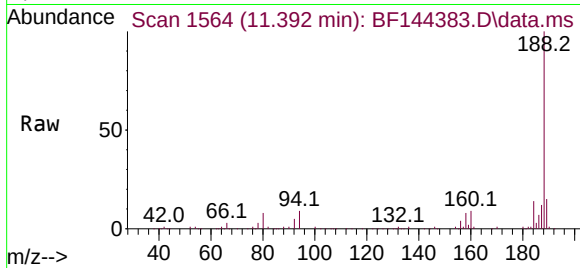




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144383.D
Acq: 01 Dec 2025 13:13

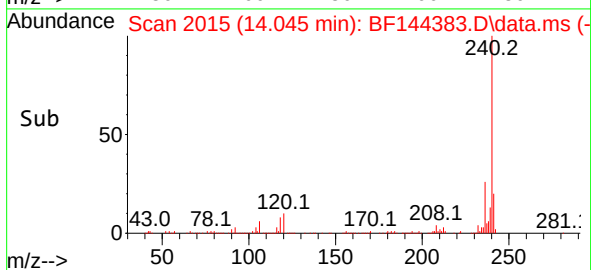
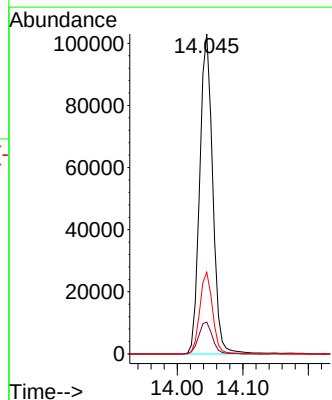
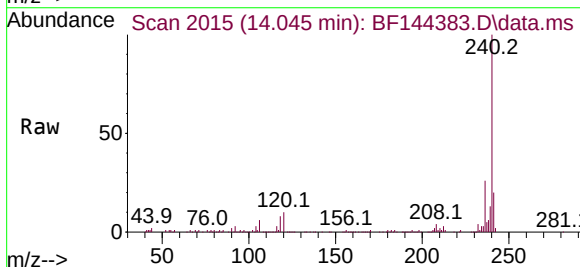
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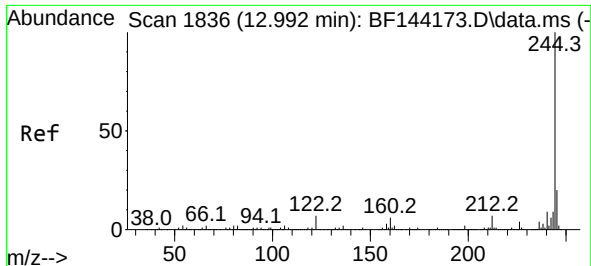
Tgt Ion:188 Resp: 220904
Ion Ratio Lower Upper
188 100
94 8.8 6.2 9.2
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144383.D
Acq: 01 Dec 2025 13:13

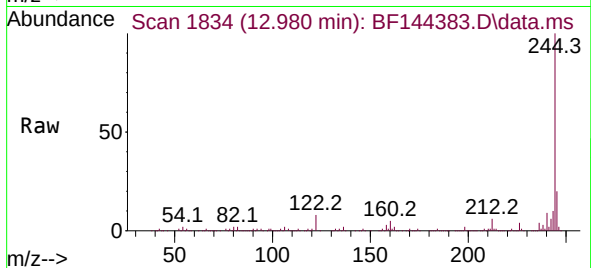
Tgt Ion:240 Resp: 141006
Ion Ratio Lower Upper
240 100
120 9.9 6.6 10.0
236 25.5 21.4 32.2



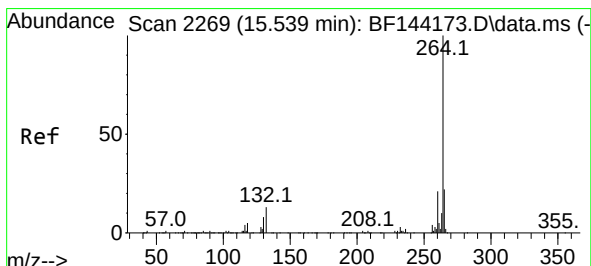
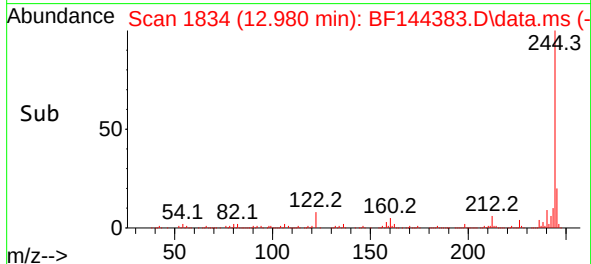
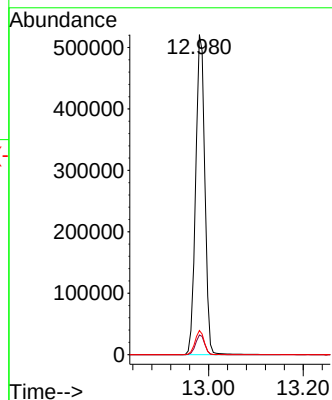


#79
 Terphenyl-d14
 Concen: 78.598 ng
 RT: 12.980 min Scan# 1834
 Delta R.T. -0.012 min
 Lab File: BF144383.D
 Acq: 01 Dec 2025 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB170749BL



Tgt Ion:244 Resp: 697734
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.3 7.9
 122 7.5 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: BF144383.D
 Acq: 01 Dec 2025 13:13

Tgt Ion:264 Resp: 162985
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.1 25.7
 265 21.3 17.4 26.0

