

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144050.D
 Acq On : 22 Oct 2025 19:14
 Operator : RC/JU
 Sample : Q3404-04 50X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0292

Quant Time: Oct 23 09:02:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	66921	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	238538	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	106038	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	155605	20.000	ng	# 0.00
76) Chrysene-d12	14.063	240	191792	20.000	ng	0.00
86) Perylene-d12	15.545	264	236907	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0d	0.000	ng	
45) 2-Fluorobiphenyl	9.239	172	4283	0.641	ng	-0.01
79) Terphenyl-d14	13.004	244	6599	0.588	ng	0.00

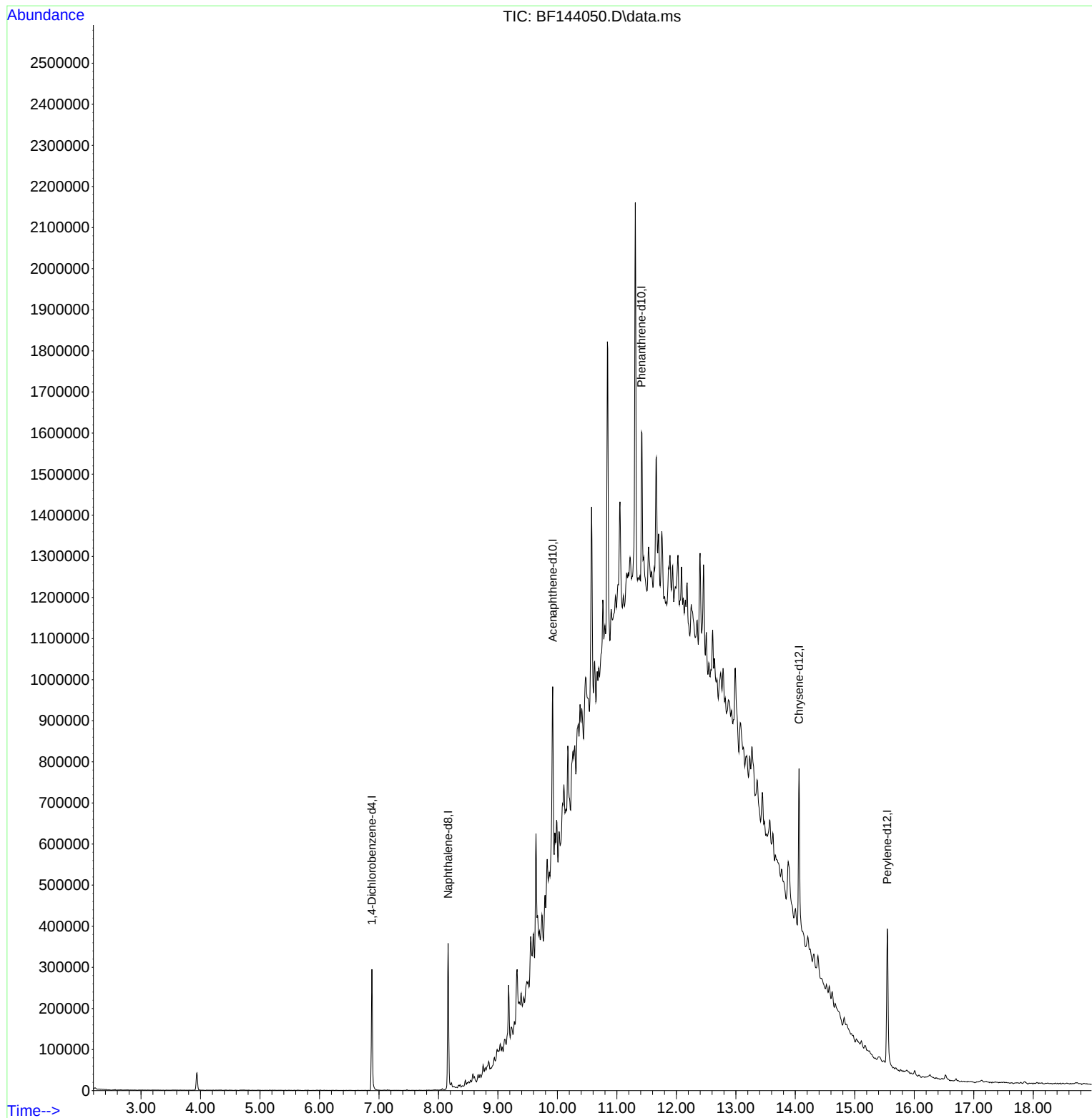
Target Compounds	Qvalue

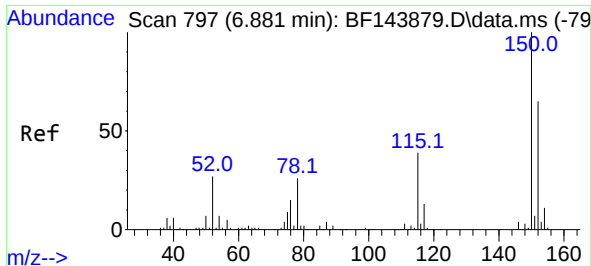
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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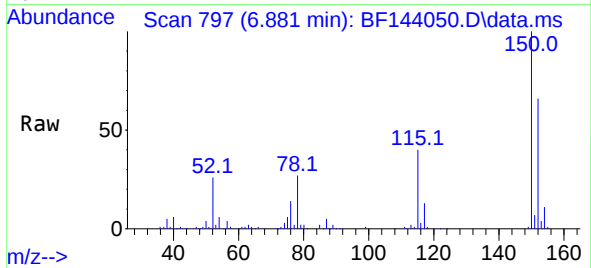
Quant Time: Oct 23 09:02:43 2025
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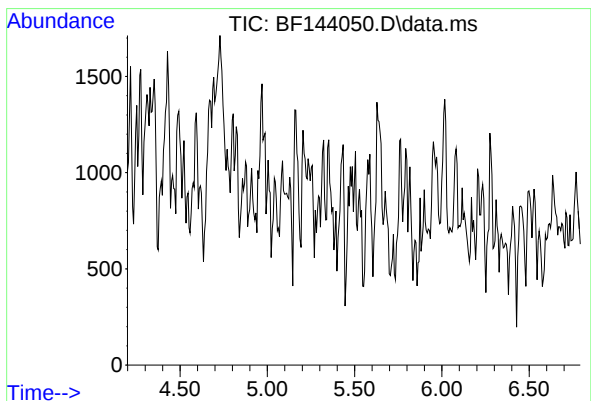
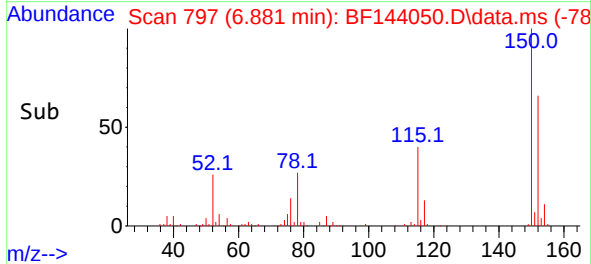
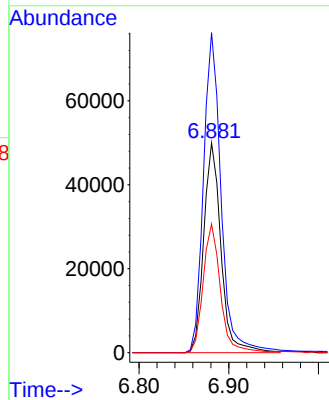


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF144050.D
Acq: 22 Oct 2025 19:14

Instrument :
BNA_F
ClientSampleId :
MOO-25-0292

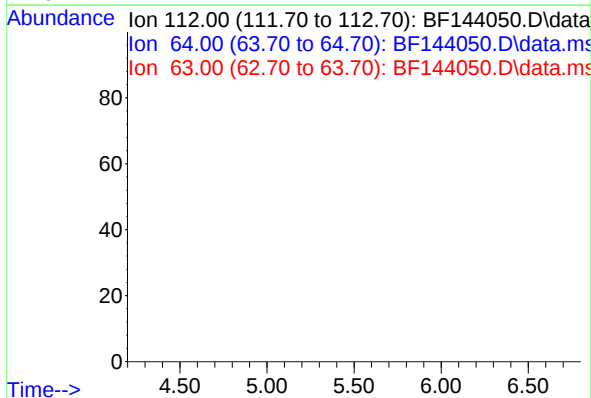


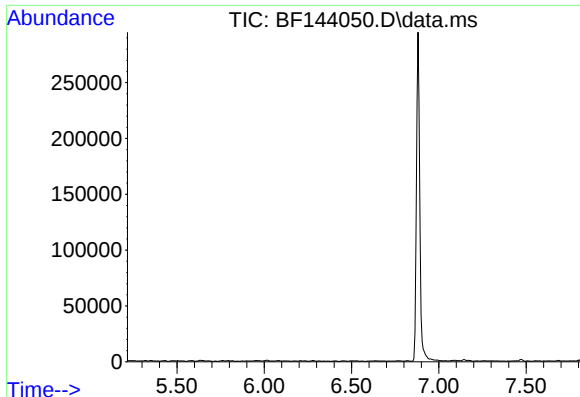
Tgt Ion:152 Resp: 66921
Ion Ratio Lower Upper
152 100
150 152.6 124.4 186.6
115 61.3 48.1 72.1



#5
2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.50 min
Lab File: BF144050.D
Acq: 22 Oct 2025 19:14

Tgt Ion: 112
Sig Exp Ratio
112 100
64 61.4
63 30.6

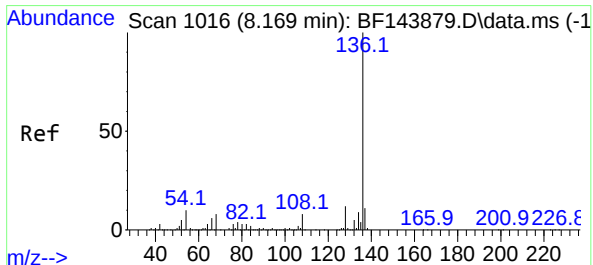
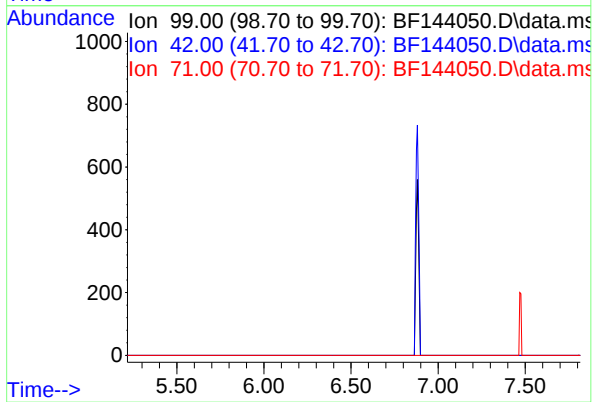




#7
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.52 min
Lab File: BF144050.D
Acq: 22 Oct 2025 19:14

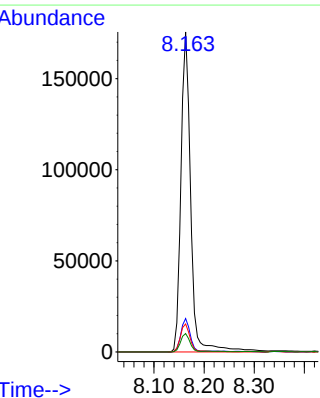
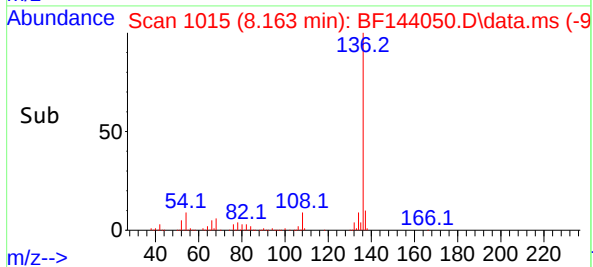
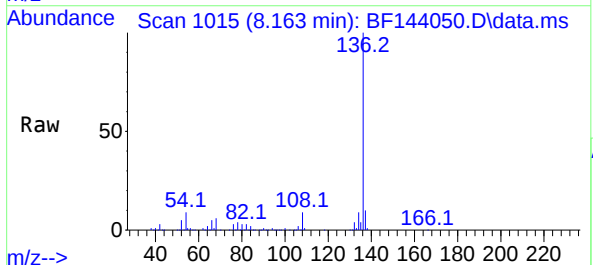
Instrument :
BNA_F
ClientSampleId :
MOO-25-0292

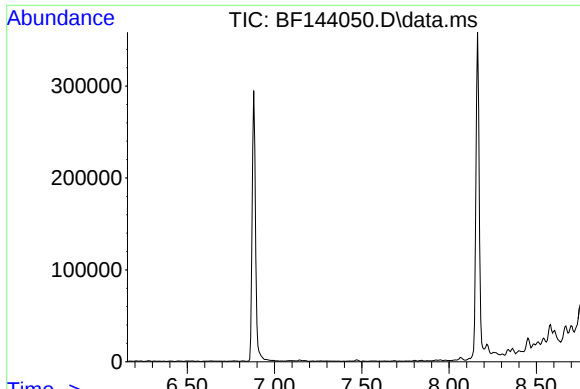
Tgt Ion: 99
Sig Exp Ratio
99 100
42 26.2
71 34.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144050.D
Acq: 22 Oct 2025 19:14

Tgt Ion: 136 Resp: 238538
Ion Ratio Lower Upper
136 100
137 10.5 8.5 12.7
54 8.8 8.2 12.4
68 5.8 6.2 9.4



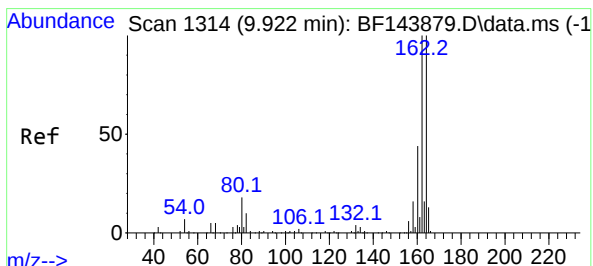
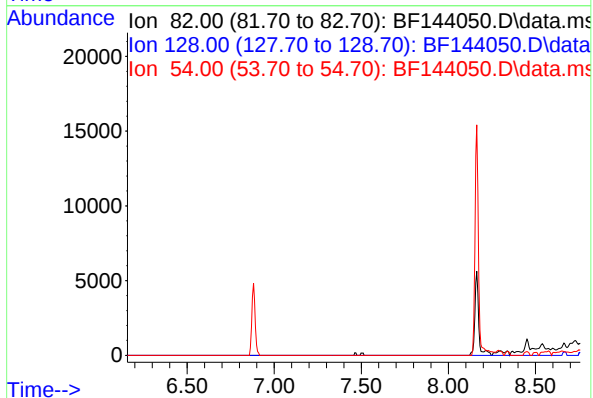


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.46 min
 Lab File: BF144050.D
 Acq: 22 Oct 2025 19:14

Instrument :
 BNA_F
 ClientSampleId :
 MOO-25-0292

Tgt Ion: 82

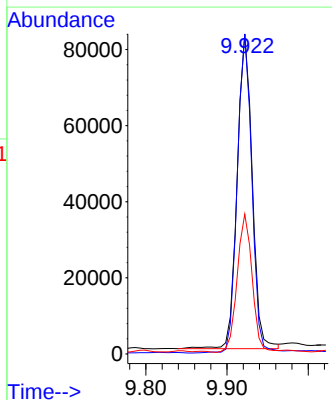
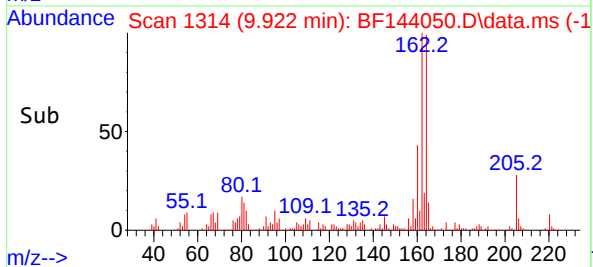
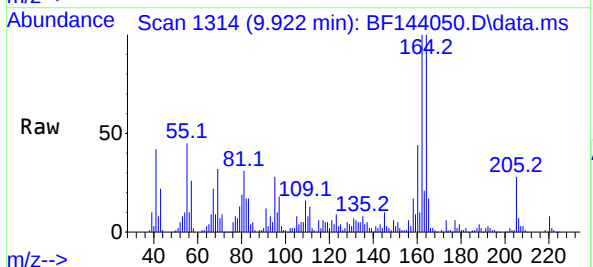
Sig	Exp Ratio
82	100
128	42.5
54	66.5

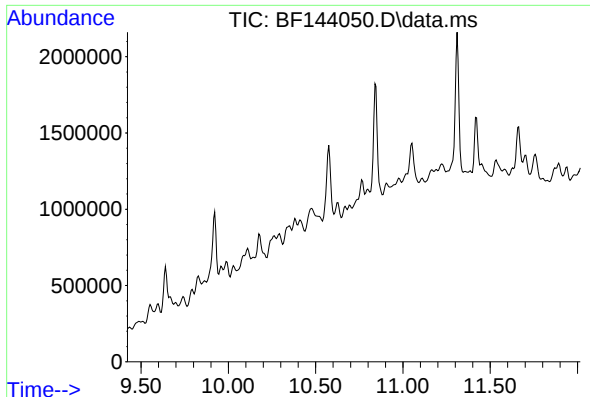


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.922 min Scan# 1314
 Delta R.T. -0.005 min
 Lab File: BF144050.D
 Acq: 22 Oct 2025 19:14

Tgt Ion: 164 Resp: 106038

Ion	Ratio	Lower	Upper
164	100		
162	100.0	80.2	120.2
160	43.7	35.4	53.0

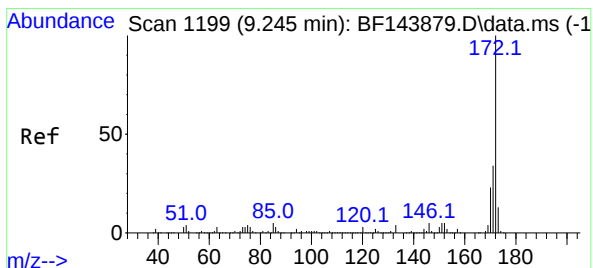
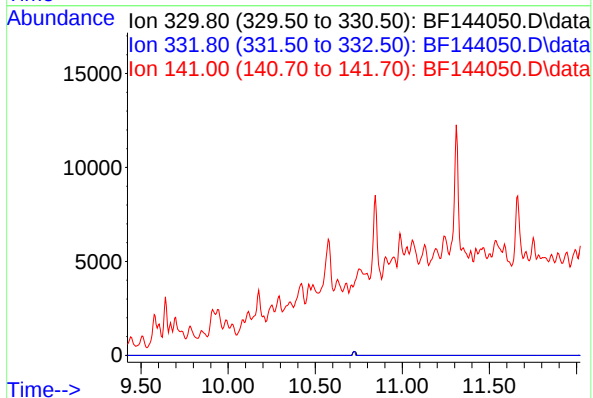




#42
2,4,6-Tribromophenol
Concen: 0.000 ng
Expected RT: 10.72 min
Lab File: BF144050.D
Acq: 22 Oct 2025 19:14

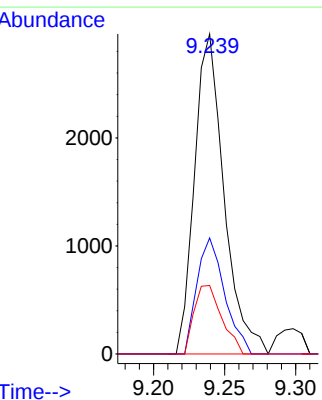
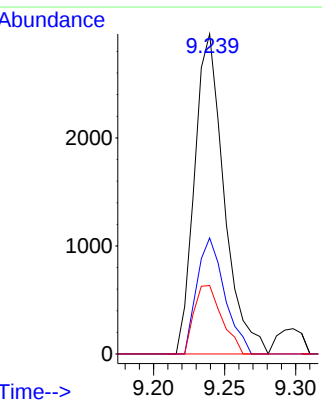
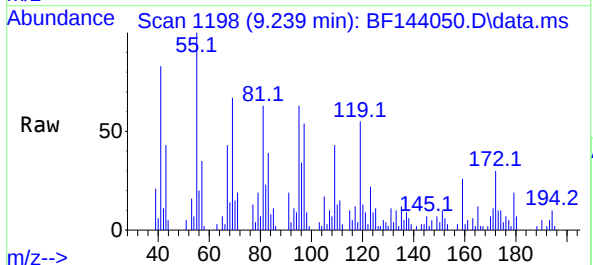
Instrument :
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ClientSampleId :
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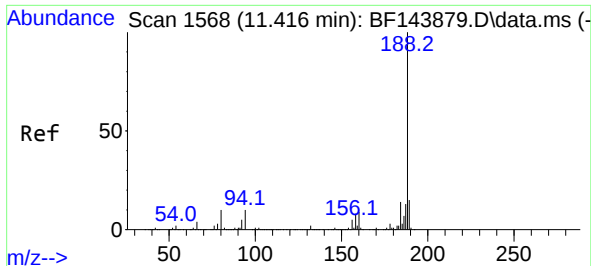
Tgt Ion: 330
Sig Exp Ratio
330 100
332 96.1
141 25.3



#45
2-Fluorobiphenyl
Concen: 0.641 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF144050.D
Acq: 22 Oct 2025 19:14

Tgt Ion: 172 Resp: 4283
Ion Ratio Lower Upper
172 100
171 36.3 27.4 41.0
170 21.4 18.6 28.0

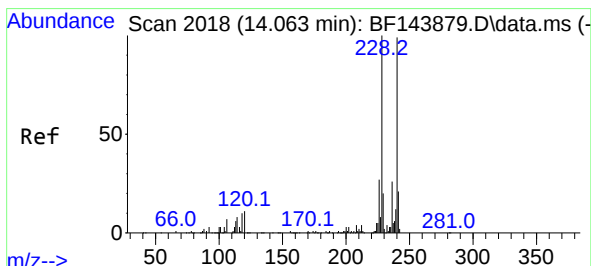
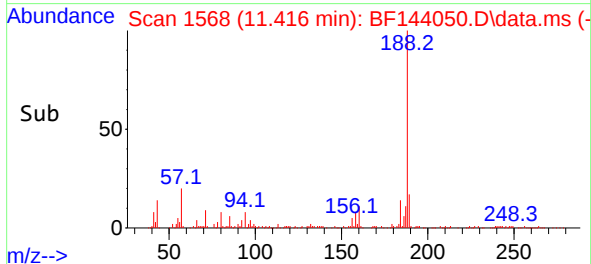
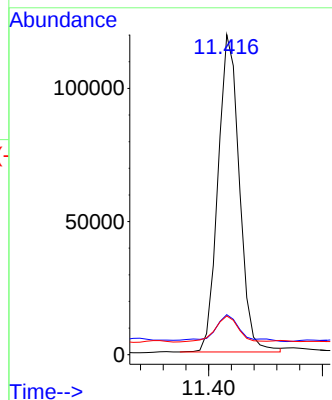
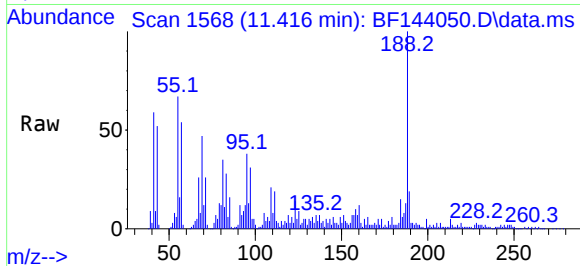




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF144050.D
Acq: 22 Oct 2025 19:14

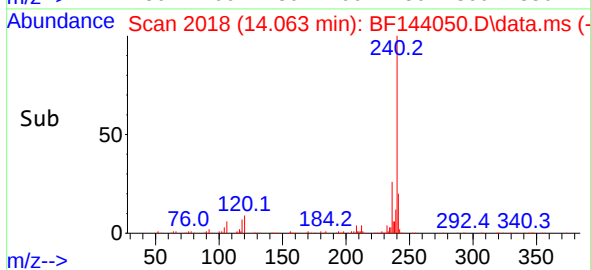
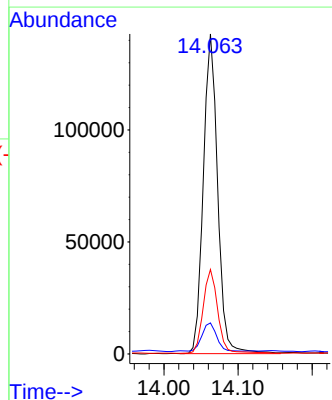
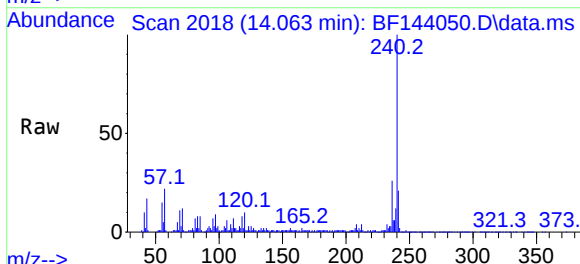
Instrument :
BNA_F
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MOO-25-0292

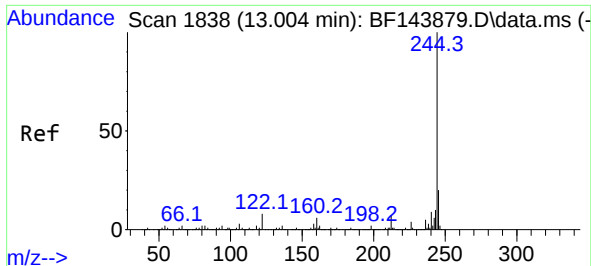
Tgt Ion:188 Resp: 155605
Ion Ratio Lower Upper
188 100
94 12.5 7.8 11.6#
80 12.1 7.9 11.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF144050.D
Acq: 22 Oct 2025 19:14

Tgt Ion:240 Resp: 191792
Ion Ratio Lower Upper
240 100
120 9.7 8.6 13.0
236 26.4 21.1 31.7

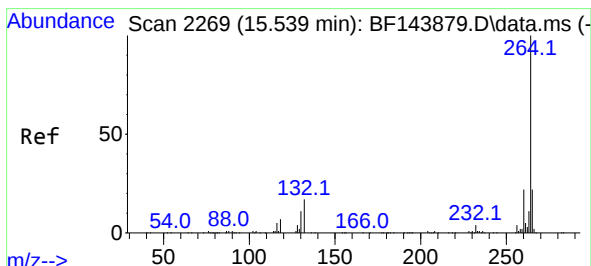
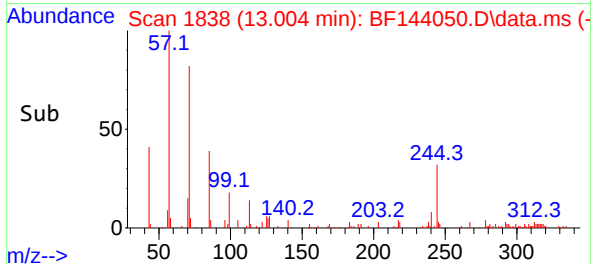
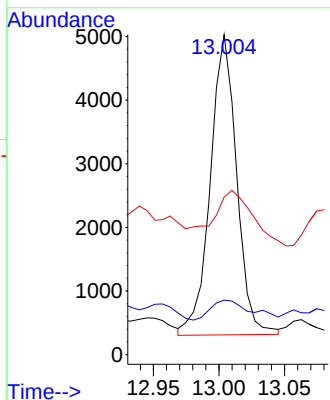
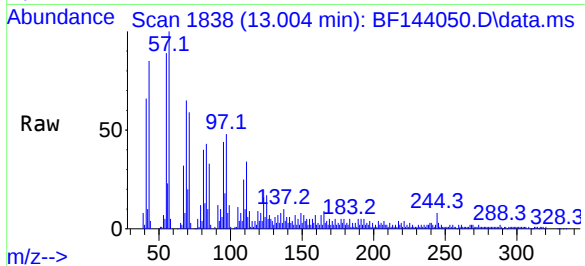




#79
Terphenyl-d14
Concen: 0.588 ng
RT: 13.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144050.D
Acq: 22 Oct 2025 19:14

Instrument :
BNA_F
ClientSampleId :
MOO-25-0292

Tgt Ion:244 Resp: 6599
Ion Ratio Lower Upper
244 100
212 17.1 5.4 8.0#
122 49.3 6.4 9.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF144050.D
Acq: 22 Oct 2025 19:14

Tgt Ion:264 Resp: 236907
Ion Ratio Lower Upper
264 100
260 22.5 17.8 26.8
265 20.4 17.5 26.3

