

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144115.D
 Acq On : 28 Oct 2025 22:11
 Operator : RC/JU
 Sample : Q3395-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-COMP03-2025-20251017

Quant Time: Oct 29 05:47:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	67031	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	262787	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	151809	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	259227	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	133345	20.000	ng	0.00
86) Perylene-d12	15.533	264	181271	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	269156	63.528	ng	0.00
7) Phenol-d6	6.498	99	319902	68.368	ng	0.00
23) Nitrobenzene-d5	7.439	82	193666	40.376	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	127203	65.780	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	393908	36.514	ng	0.00
79) Terphenyl-d14	12.992	244	371957	48.765	ng	0.00

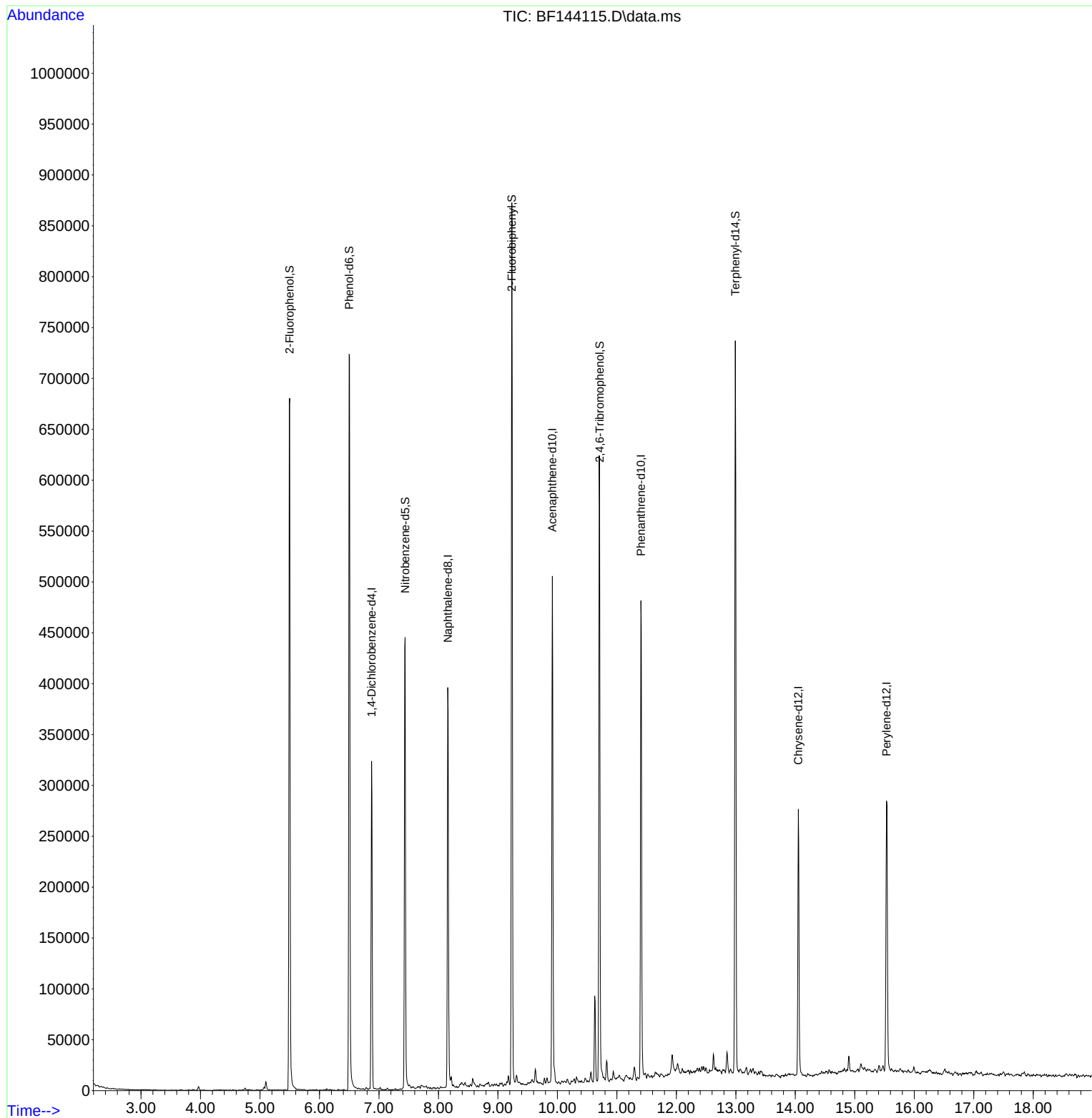
Target Compounds	Qvalue

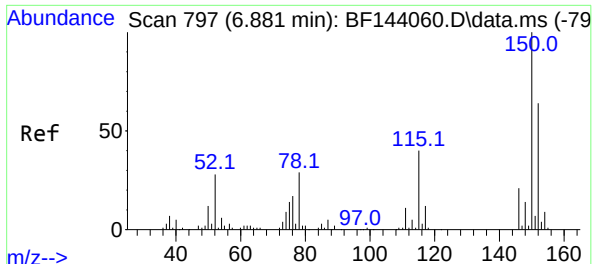
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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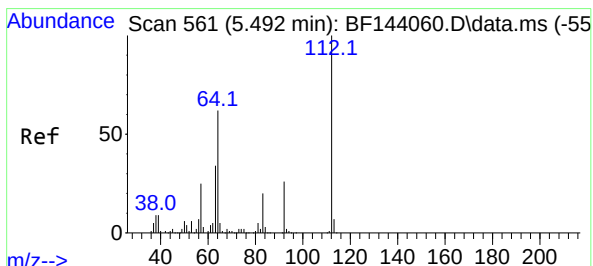
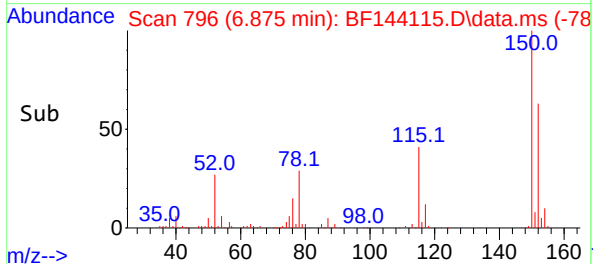
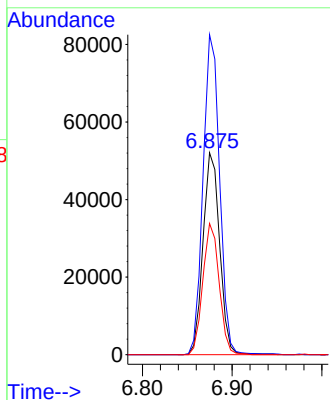
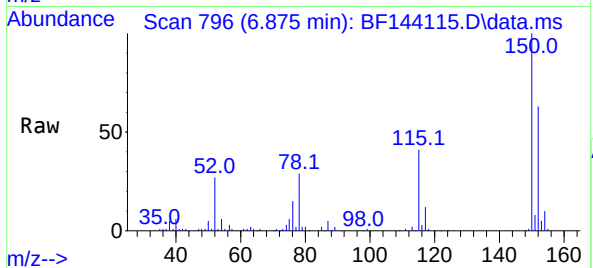




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

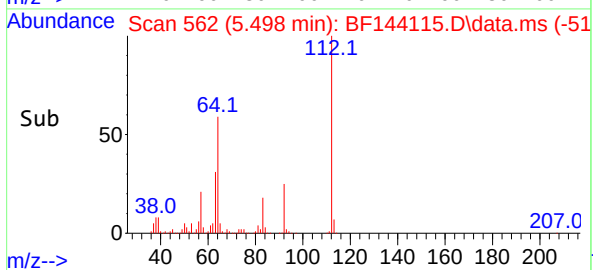
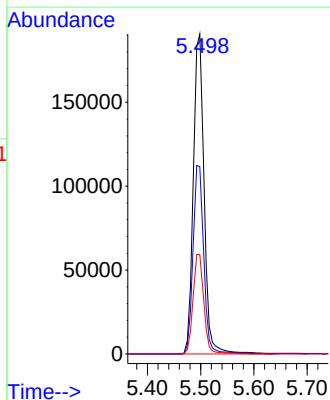
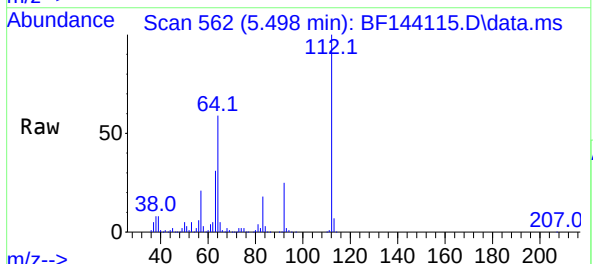
Instrument :
BNA_F
ClientSampleId :
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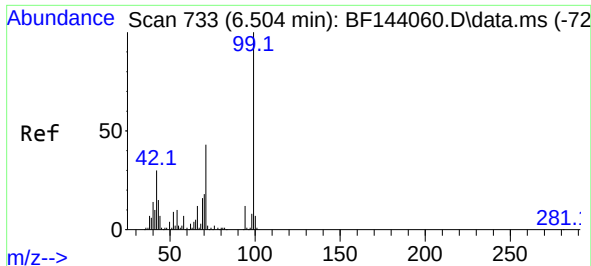
Tgt Ion:152 Resp: 67031
Ion Ratio Lower Upper
152 100
150 158.5 124.4 186.6
115 65.0 49.4 74.0



#5
2-Fluorophenol
Concen: 63.528 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

Tgt Ion:112 Resp: 269156
Ion Ratio Lower Upper
112 100
64 58.5 49.8 74.8
63 31.0 27.4 41.2

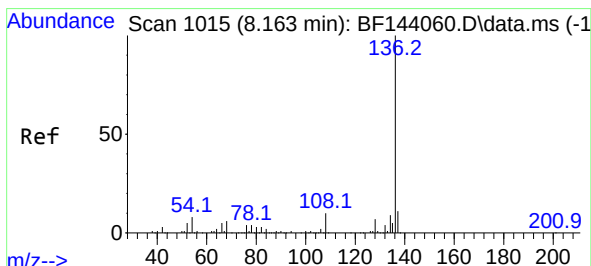
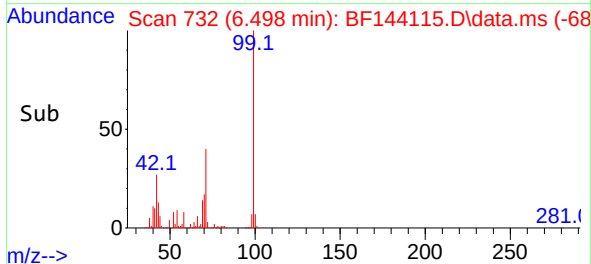
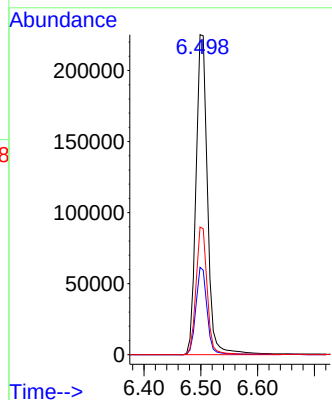
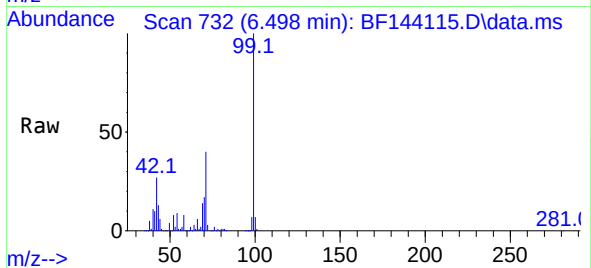




#7
Phenol-d6
Concen: 68.368 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

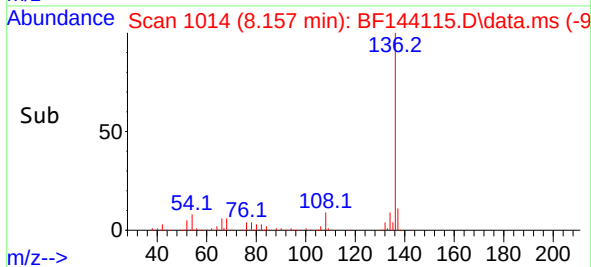
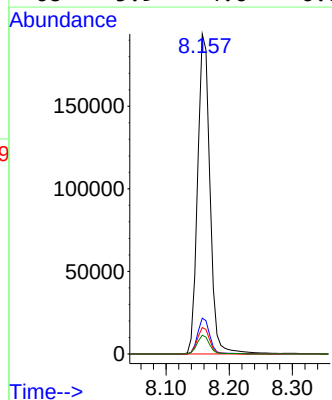
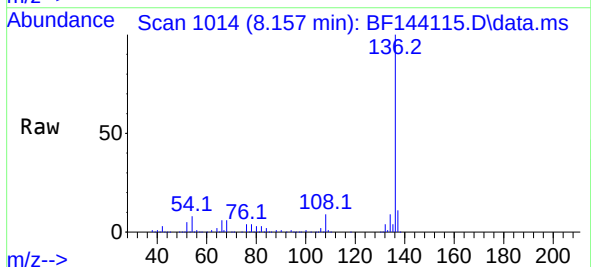
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BNA_F
ClientSampleId :
PR132-COMP03-2025-20251017

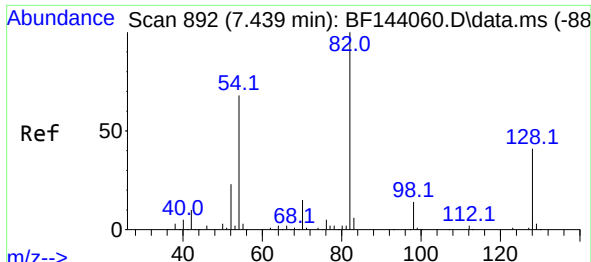
Tgt Ion: 99 Resp: 319902
Ion Ratio Lower Upper
99 100
42 27.3 23.9 35.9
71 39.9 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

Tgt Ion: 136 Resp: 262787
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 8.2 6.6 9.8
68 5.9 4.6 6.8

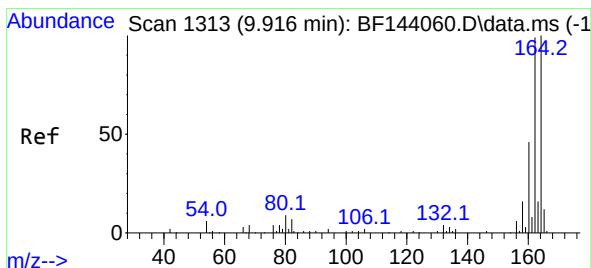
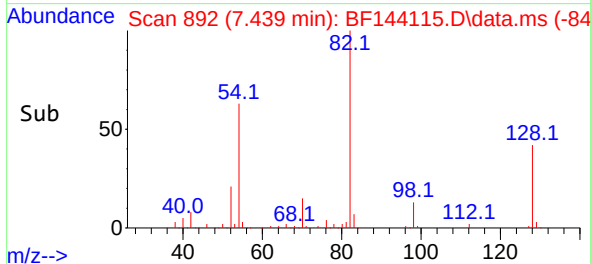
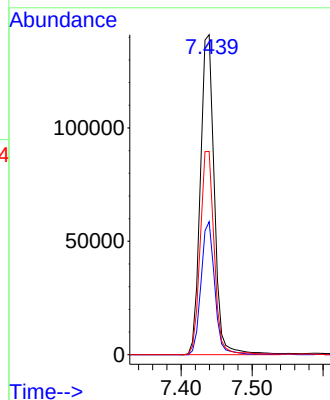
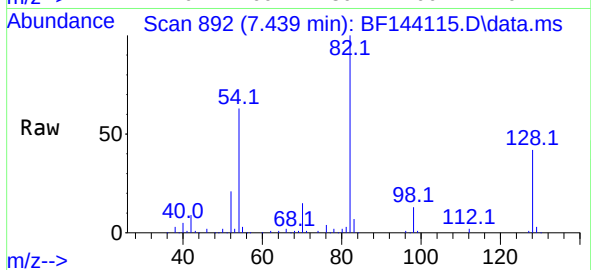




#23
Nitrobenzene-d5
Concen: 40.376 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

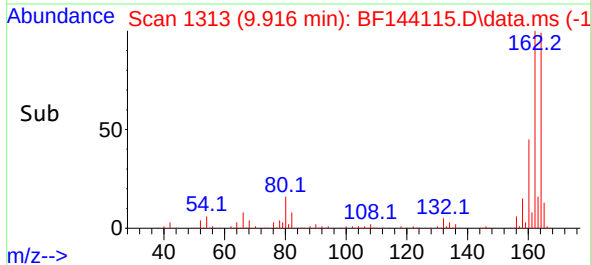
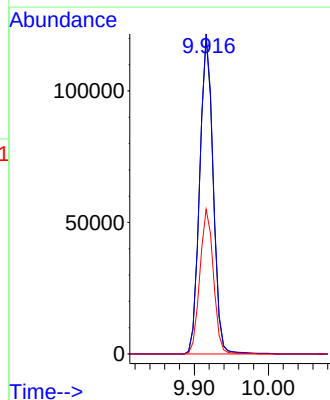
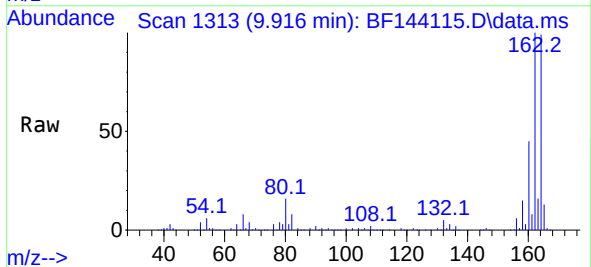
Instrument :
BNA_F
ClientSampleId :
PR132-COMP03-2025-20251017

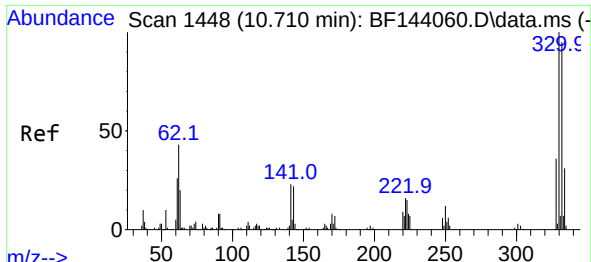
Tgt Ion: 82 Resp: 193666
Ion Ratio Lower Upper
82 100
128 41.5 32.4 48.6
54 63.5 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

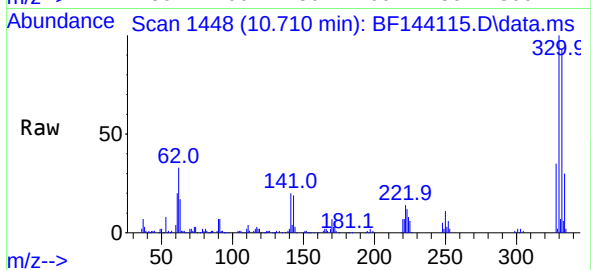
Tgt Ion:164 Resp: 151809
Ion Ratio Lower Upper
164 100
162 101.1 79.4 119.2
160 45.7 36.7 55.1



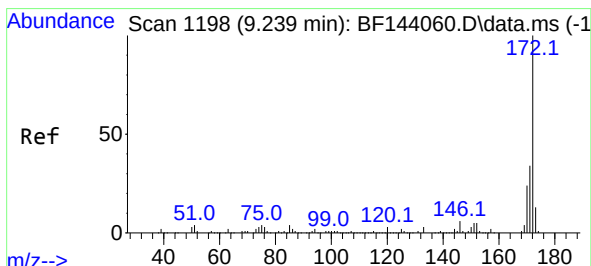
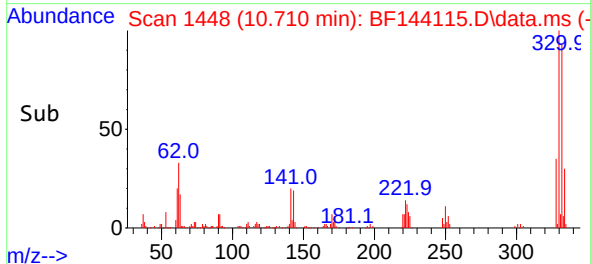
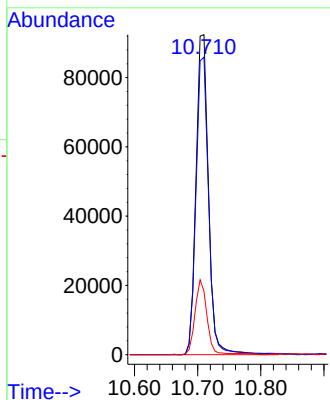


#42
2,4,6-Tribromophenol
Concen: 65.780 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

Instrument :
BNA_F
ClientSampleId :
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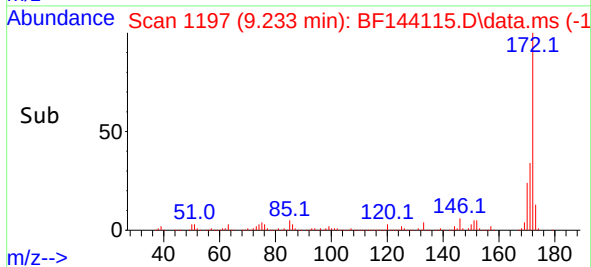
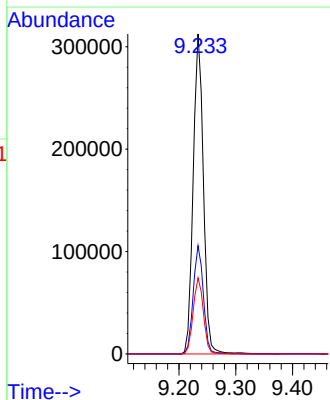
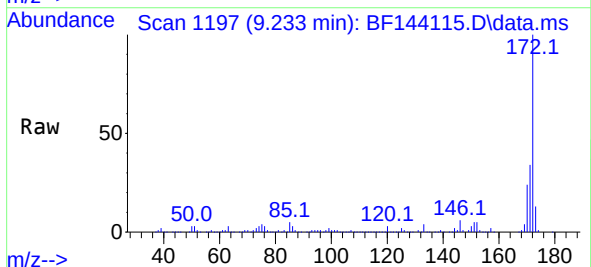


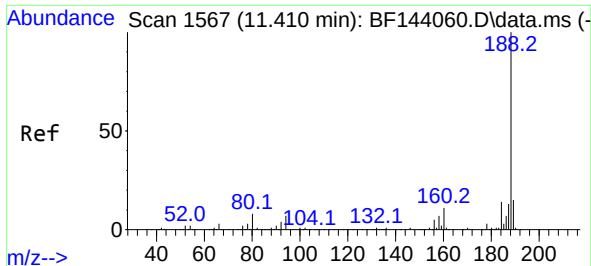
Tgt Ion:330 Resp: 127203
Ion Ratio Lower Upper
330 100
332 93.4 77.0 115.6
141 22.0 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 36.514 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

Tgt Ion:172 Resp: 393908
Ion Ratio Lower Upper
172 100
171 33.8 27.5 41.3
170 23.8 19.0 28.6

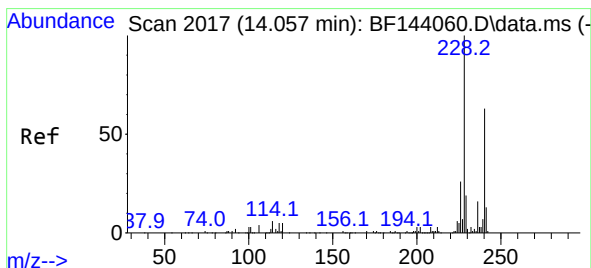
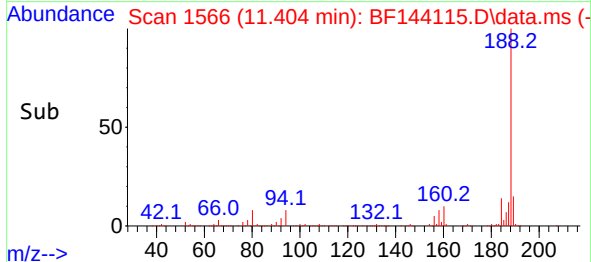
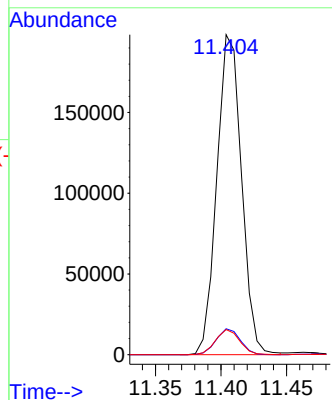
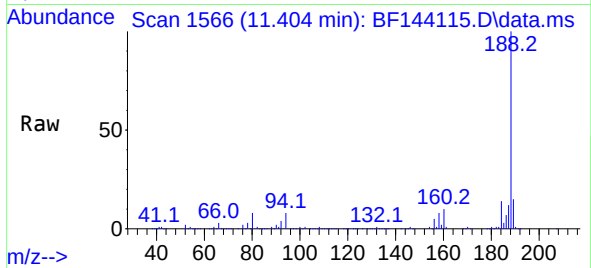




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

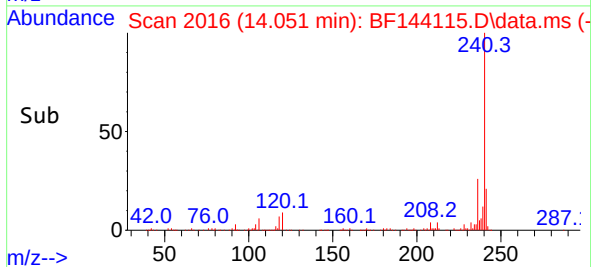
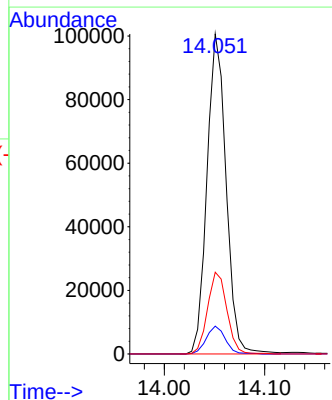
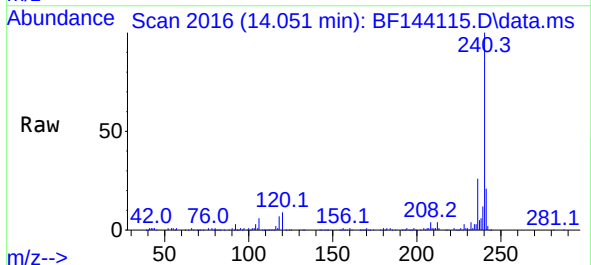
Instrument :
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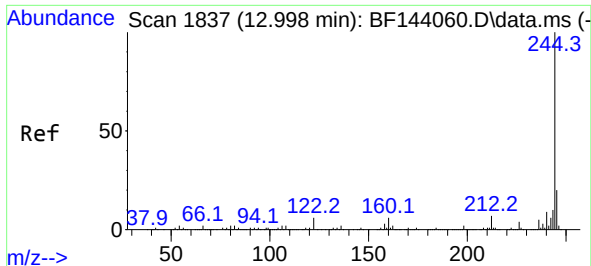
Tgt Ion:188 Resp: 259227
Ion Ratio Lower Upper
188 100
94 8.1 5.4 8.0#
80 7.8 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144115.D
Acq: 28 Oct 2025 22:11

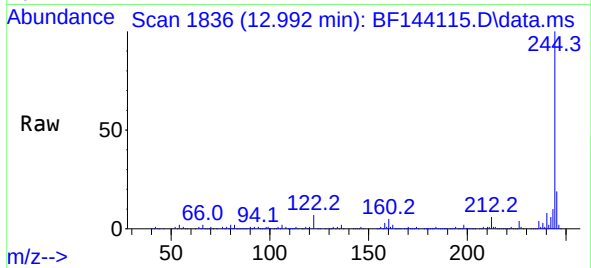
Tgt Ion:240 Resp: 133345
Ion Ratio Lower Upper
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120 8.7 6.5 9.7
236 25.6 20.1 30.1



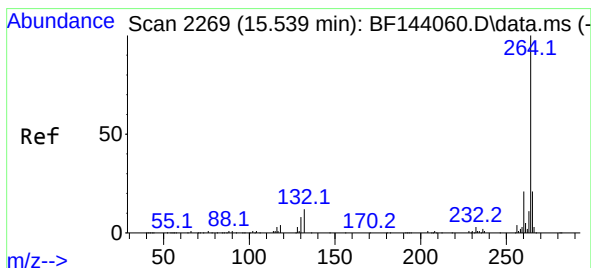
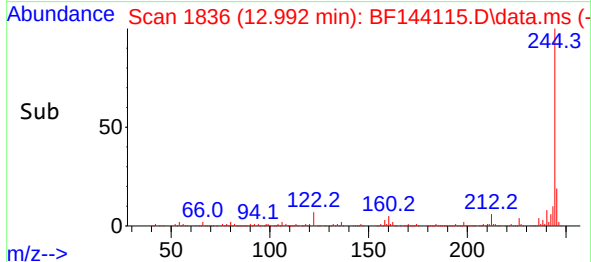
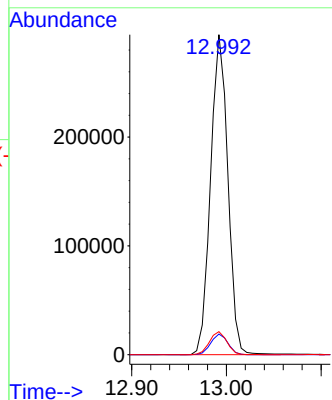


#79
 Terphenyl-d14
 Concen: 48.765 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144115.D
 Acq: 28 Oct 2025 22:11

Instrument : BNA_F
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Tgt Ion:244 Resp: 371957
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.6
 122 7.2 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144115.D
 Acq: 28 Oct 2025 22:11

Tgt Ion:264 Resp: 181271
 Ion Ratio Lower Upper
 264 100
 260 21.3 17.0 25.4
 265 22.1 16.6 24.8

