

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
 Data File : BF144039.D
 Acq On : 22 Oct 2025 13:53
 Operator : RC/JU
 Sample : Q3376-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-COMP2-20251016

Quant Time: Oct 22 14:16:24 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)

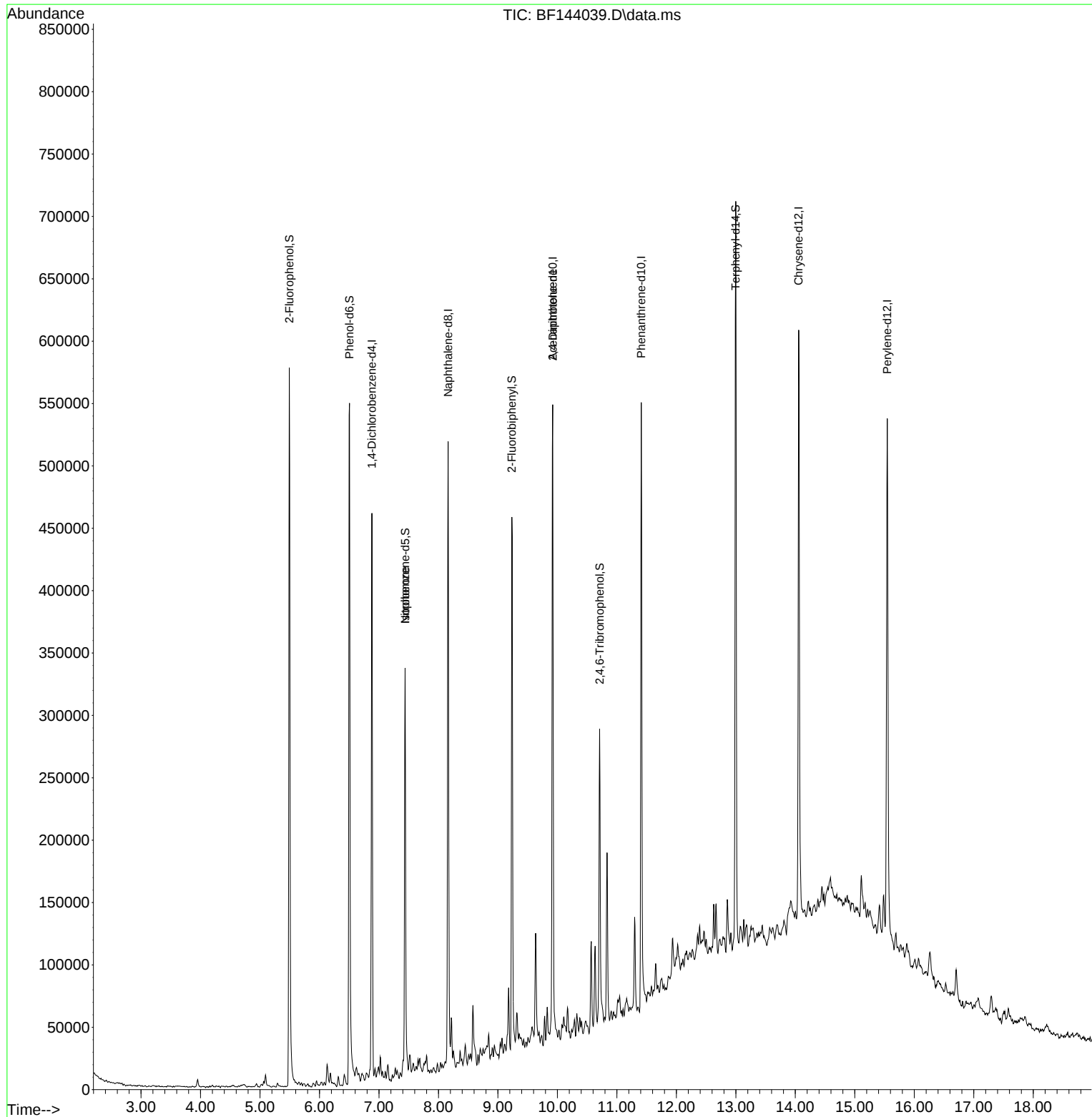
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	91108	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	322317	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162319	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	264674	20.000	ng	0.00
76) Chrysene-d12	14.057	240	231985	20.000	ng	-0.01
86) Perylene-d12	15.545	264	277314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	246069	42.889	ng	0.00
7) Phenol-d6	6.504	99	275048	40.220	ng	-0.01
23) Nitrobenzene-d5	7.439	82	143948	27.133	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	45838	28.352	ng	-0.01
45) 2-Fluorobiphenyl	9.233	172	221922	21.694	ng	-0.02
79) Terphenyl-d14	12.998	244	300681	22.152	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.439	82	116525	10.417	ng	# 68
57) 2,4-Dinitrotoluene	9.922	165	20234	7.780	ng	# 27

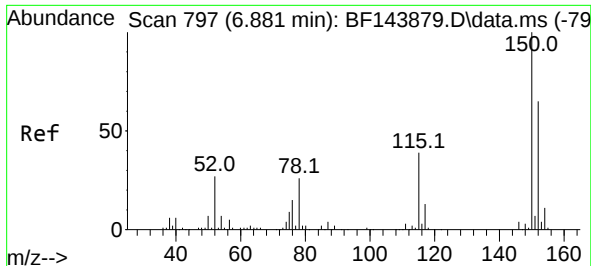
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144039.D
Acq On : 22 Oct 2025 13:53
Operator : RC/JU
Sample : Q3376-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PR132-COMP2-20251016

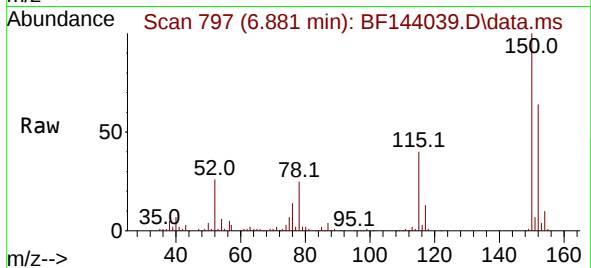
Quant Time: Oct 22 14:16:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration



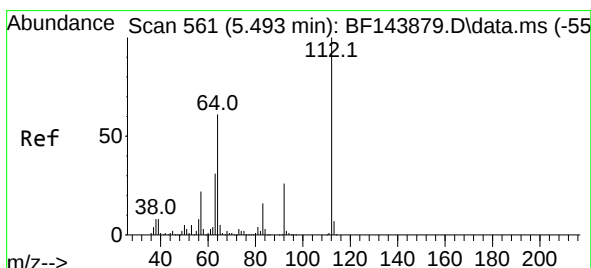
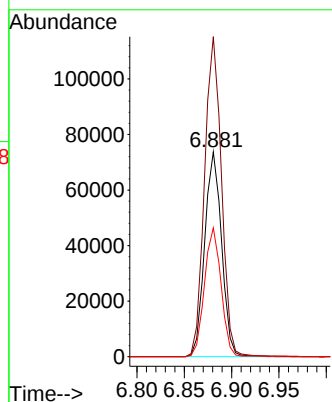
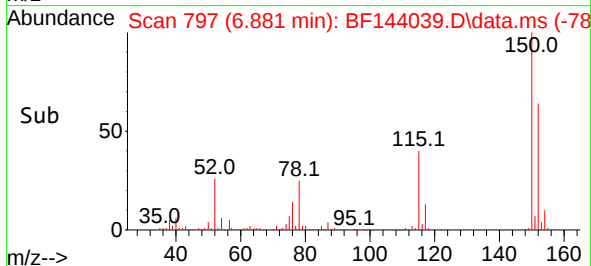


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53

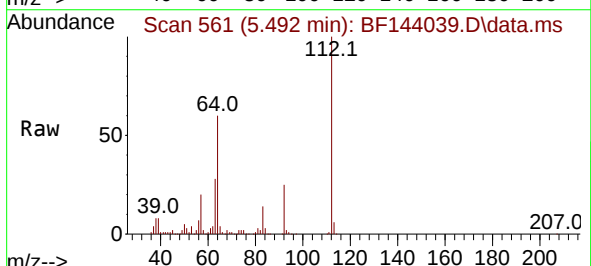
Instrument :
BNA_F
ClientSampleId :
PR132-COMP2-20251016



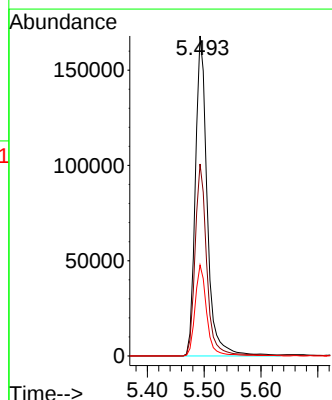
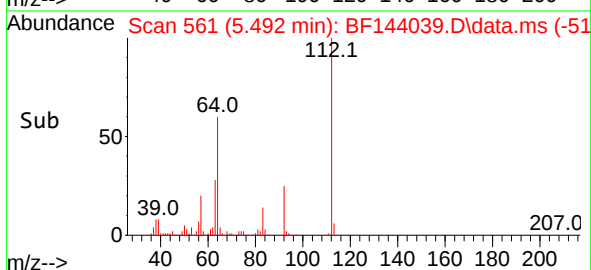
Tgt Ion:152 Resp: 91108
Ion Ratio Lower Upper
152 100
150 156.2 124.4 186.6
115 62.8 48.1 72.1



#5
2-Fluorophenol
Concen: 42.889 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53



Tgt Ion:112 Resp: 246069
Ion Ratio Lower Upper
112 100
64 60.0 49.1 73.7
63 28.4 24.5 36.7

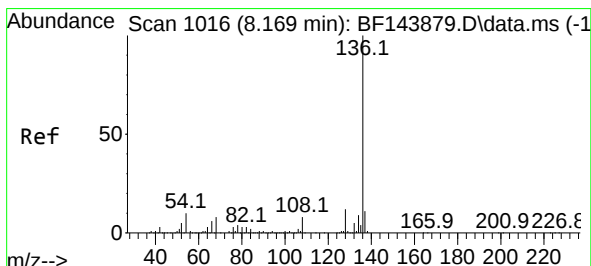
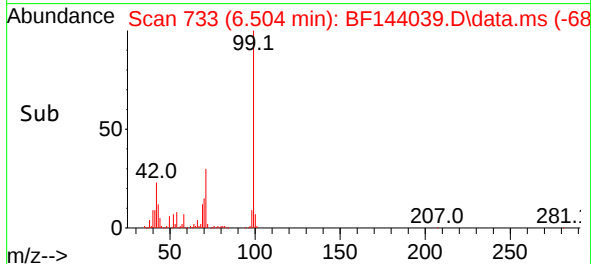
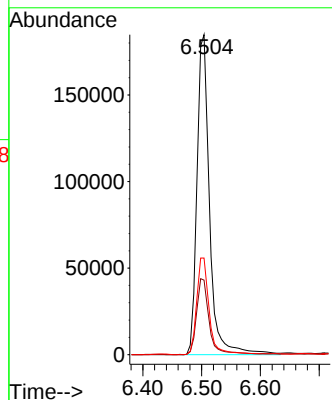
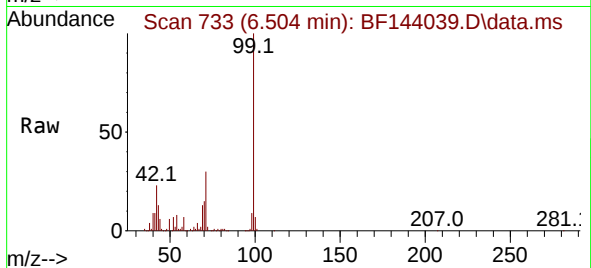




#7
Phenol-d6
Concen: 40.220 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53

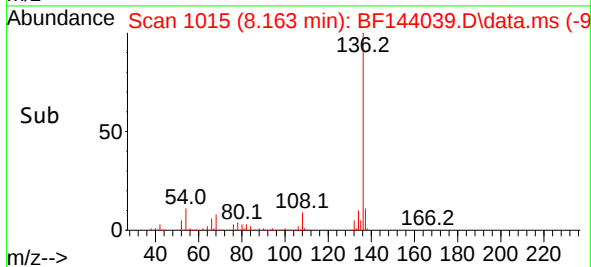
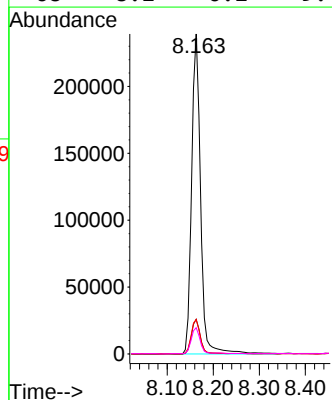
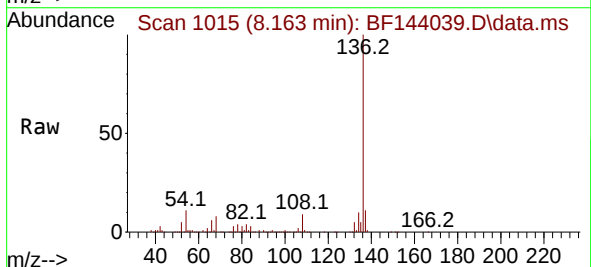
Instrument :
BNA_F
ClientSampleId :
PR132-COMP2-20251016

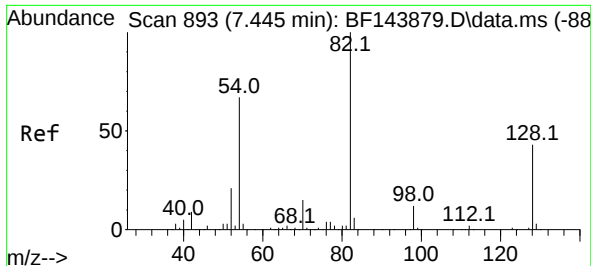
Tgt Ion: 99 Resp: 275048
Ion Ratio Lower Upper
99 100
42 23.3 21.0 31.4
71 30.2 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53

Tgt Ion:136 Resp: 322317
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.8 8.2 12.4
68 8.2 6.2 9.4

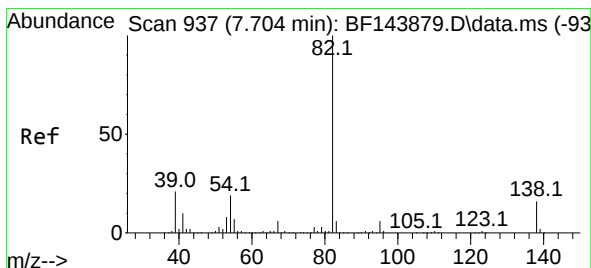
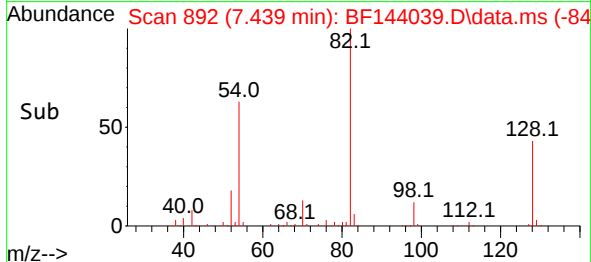
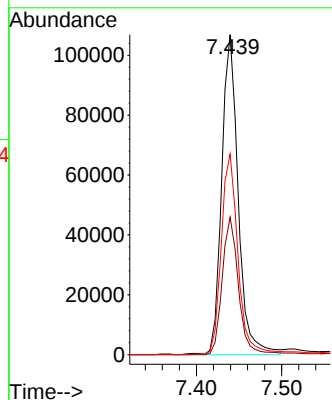
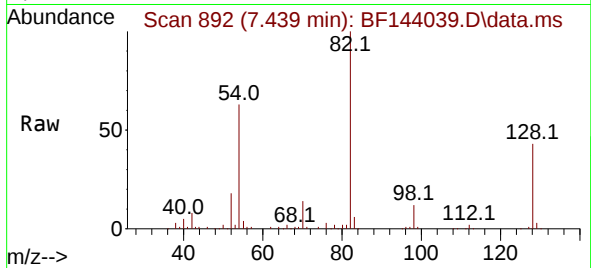




#23
Nitrobenzene-d5
Concen: 27.133 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.018 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53

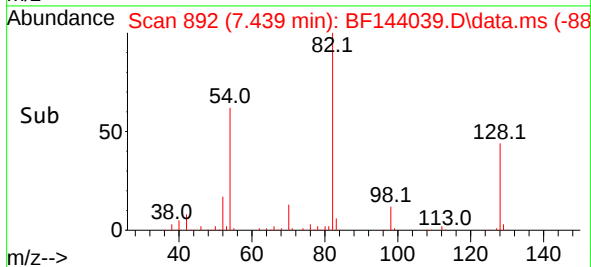
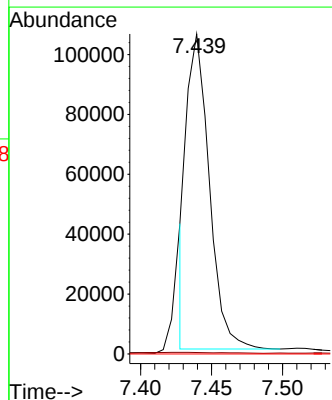
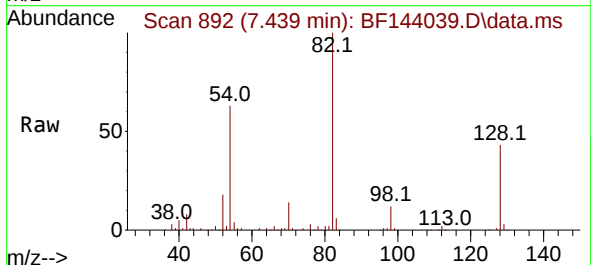
Instrument :
BNA_F
ClientSampleId :
PR132-COMP2-20251016

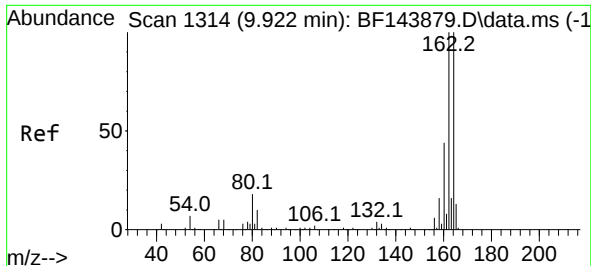
Tgt Ion: 82 Resp: 143948
Ion Ratio Lower Upper
82 100
128 42.9 34.0 51.0
54 62.8 53.2 79.8



#25
Isophorone
Concen: 10.417 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.282 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53

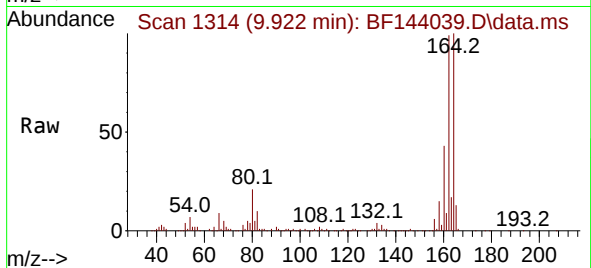
Tgt Ion: 82 Resp: 116525
Ion Ratio Lower Upper
82 100
95 0.4 5.1 7.7#
138 0.0 12.9 19.3#



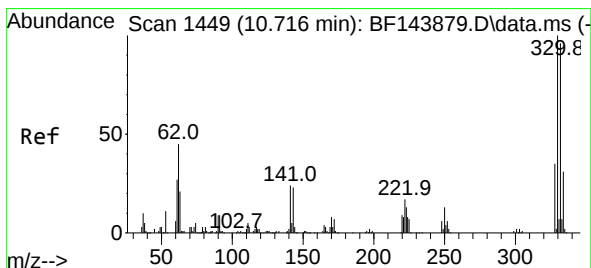
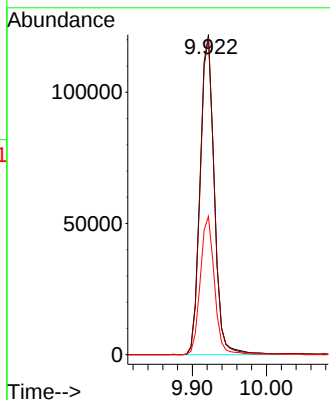
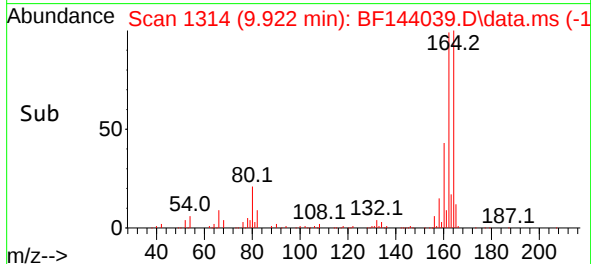


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53

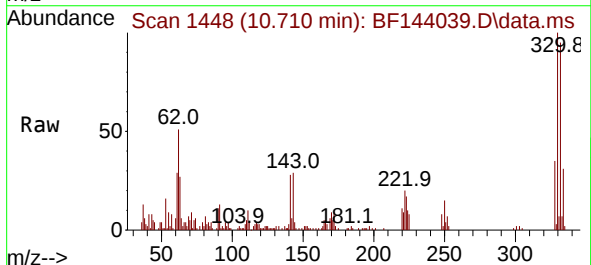
Instrument :
BNA_F
ClientSampleId :
PR132-COMP2-20251016



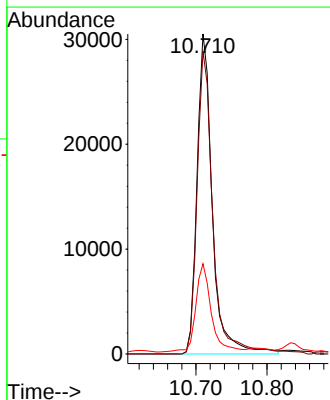
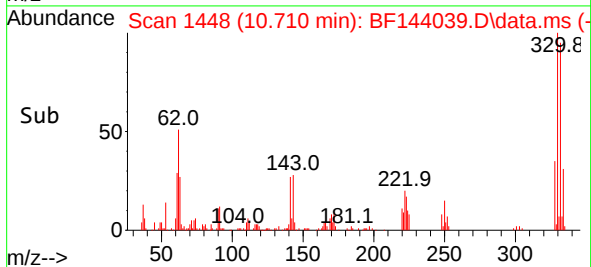
Tgt Ion:164 Resp: 162319
Ion Ratio Lower Upper
164 100
162 99.0 80.2 120.2
160 43.2 35.4 53.0

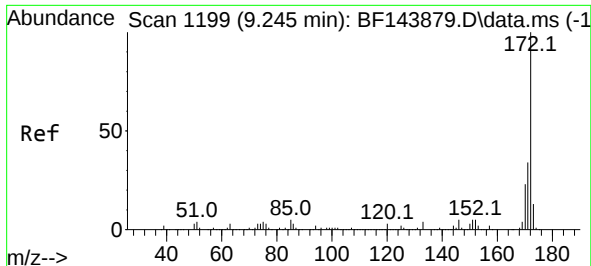


#42
2,4,6-Tribromophenol
Concen: 28.352 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53



Tgt Ion:330 Resp: 45838
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 28.0 20.2 30.4

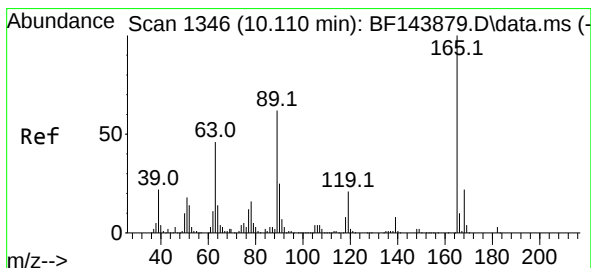
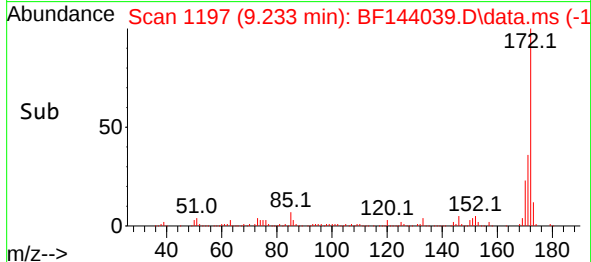
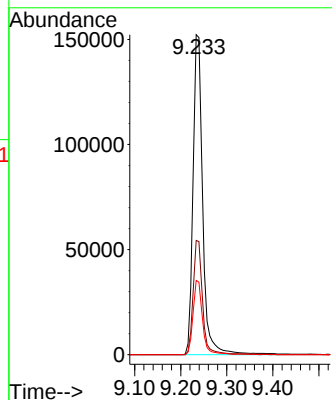
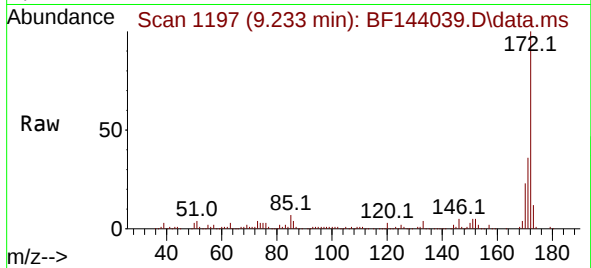




#45
2-Fluorobiphenyl
Concen: 21.694 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.018 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53

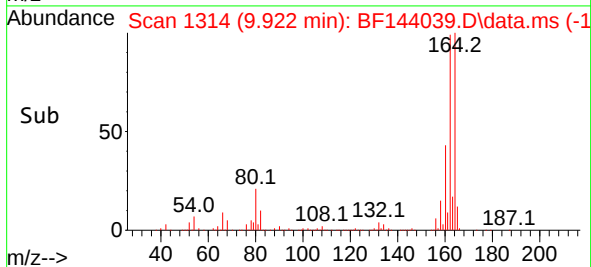
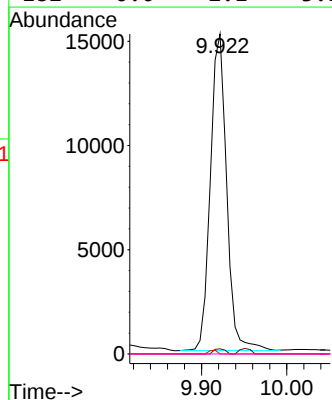
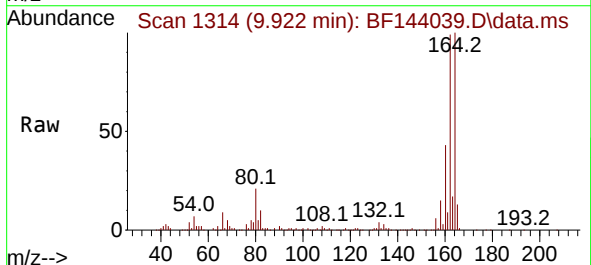
Instrument :
BNA_F
ClientSampleId :
PR132-COMP2-20251016

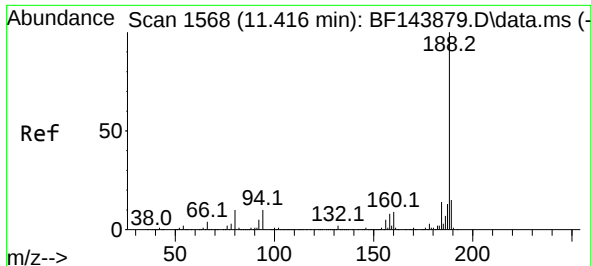
Tgt Ion:172 Resp: 221922
Ion Ratio Lower Upper
172 100
171 35.7 27.4 41.0
170 23.2 18.6 28.0



#57
2,4-Dinitrotoluene
Concen: 7.780 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.194 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53

Tgt Ion:165 Resp: 20234
Ion Ratio Lower Upper
165 100
63 1.6 37.2 55.8#
89 0.0 49.4 74.2#
182 0.0 2.1 3.1#

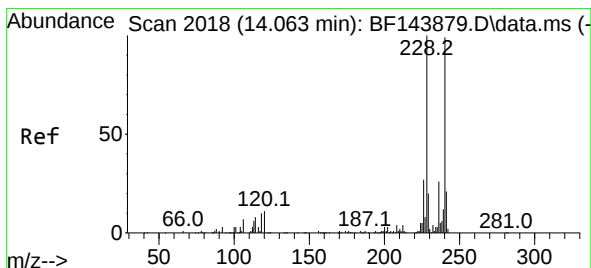
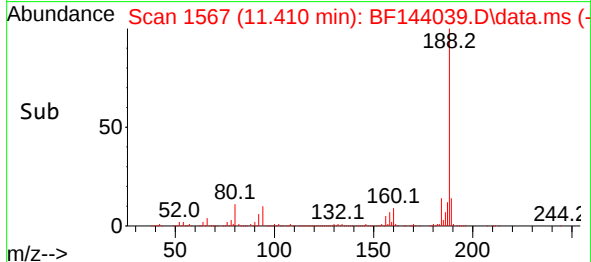
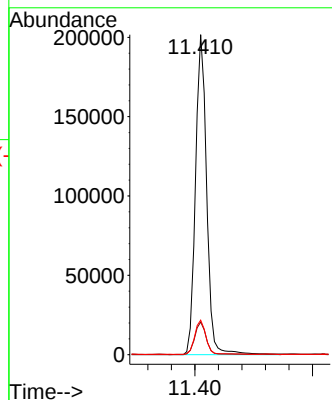
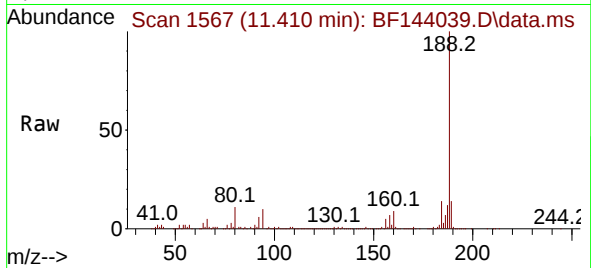




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53

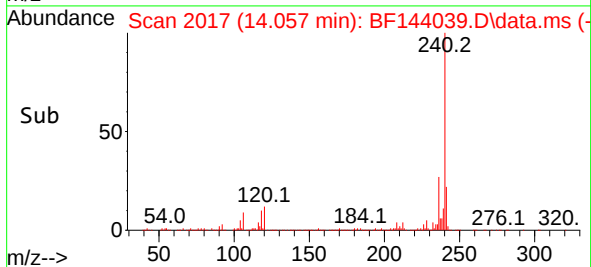
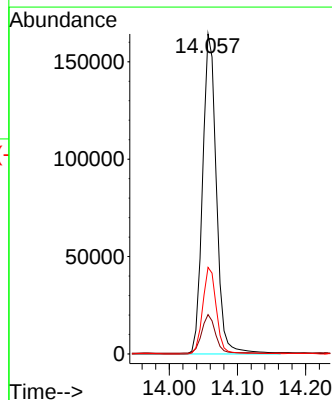
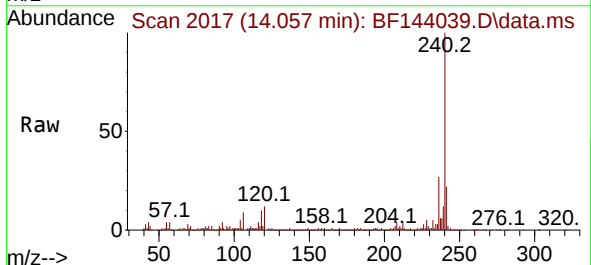
Instrument :
BNA_F
ClientSampleId :
PR132-COMP2-20251016

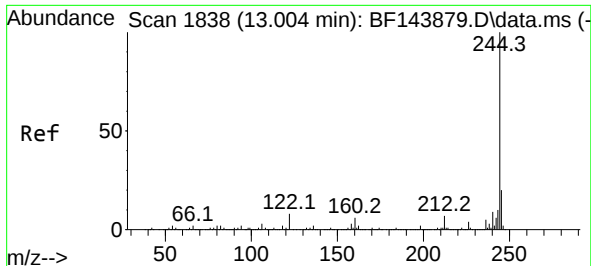
Tgt Ion:188 Resp: 264674
Ion Ratio Lower Upper
188 100
94 10.2 7.8 11.6
80 10.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.011 min
Lab File: BF144039.D
Acq: 22 Oct 2025 13:53

Tgt Ion:240 Resp: 231985
Ion Ratio Lower Upper
240 100
120 12.3 8.6 13.0
236 27.1 21.1 31.7

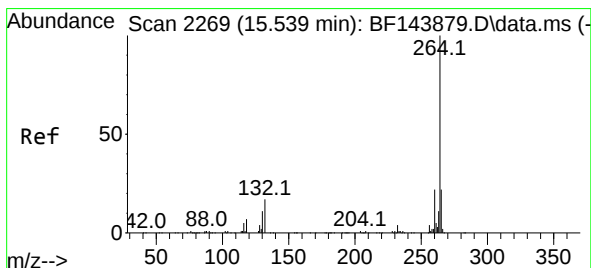
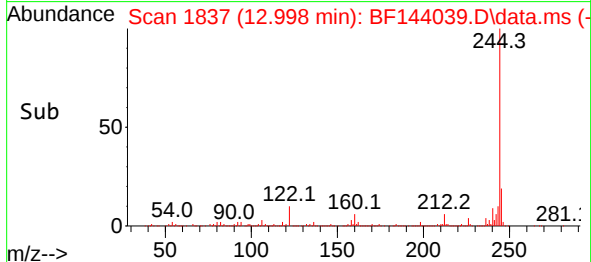
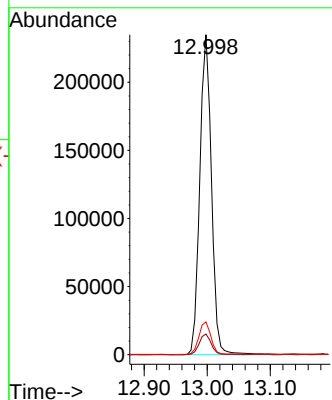
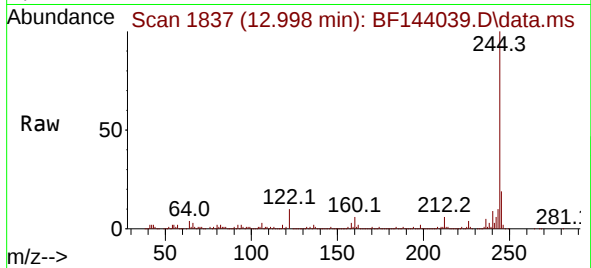




#79
 Terphenyl-d14
 Concen: 22.152 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF144039.D
 Acq: 22 Oct 2025 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PR132-COMP2-20251016

Tgt Ion:244 Resp: 300681
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 10.3 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: BF144039.D
 Acq: 22 Oct 2025 13:53

Tgt Ion:264 Resp: 277314
 Ion Ratio Lower Upper
 264 100
 260 21.8 17.8 26.8
 265 22.1 17.5 26.3

