

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144155.D
 Acq On : 30 Oct 2025 22:37
 Operator : RC/JU
 Sample : Q3482-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Oct 31 01:20:25 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)

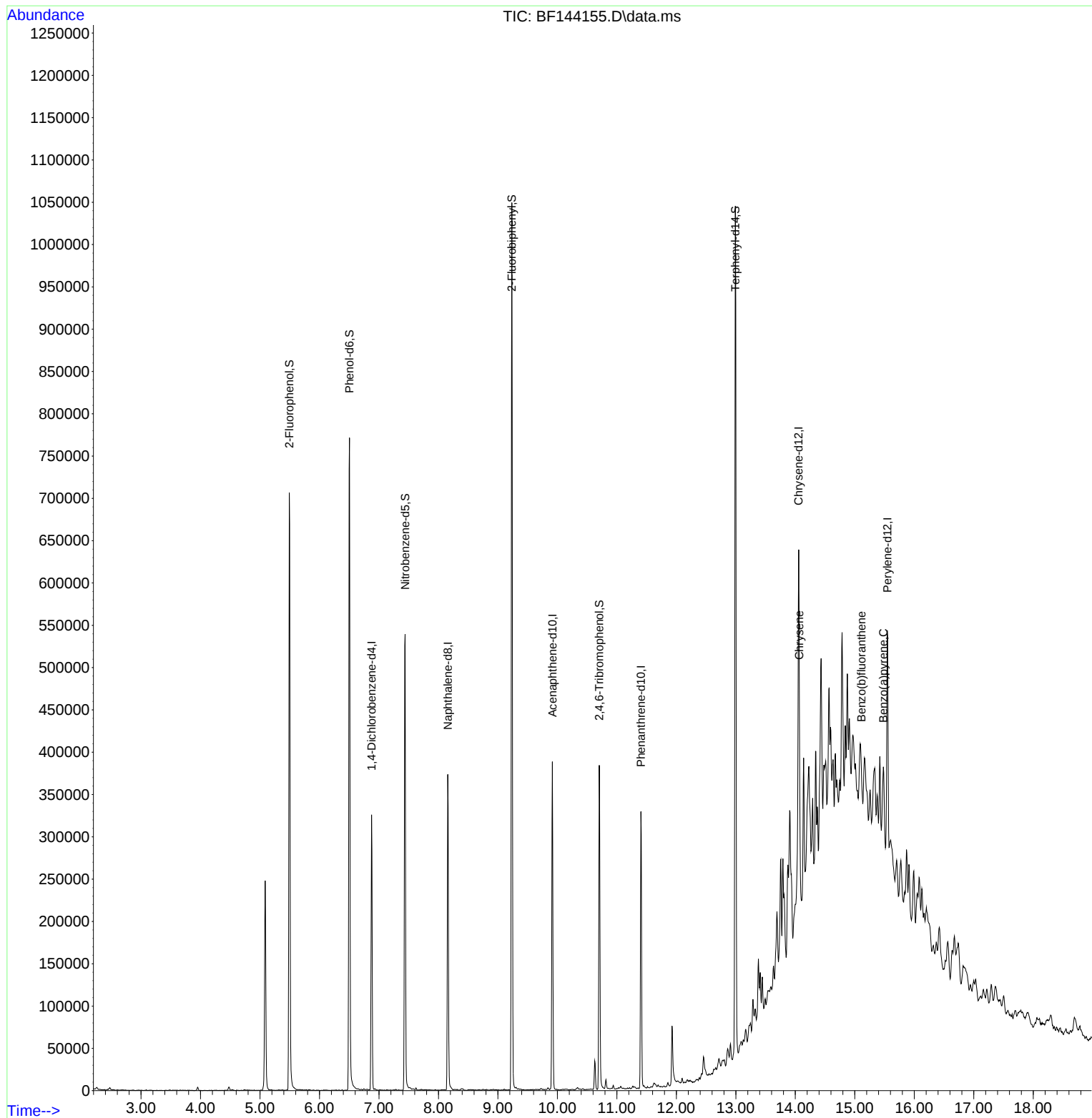
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	67758	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	240356	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	118309	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	181495	20.000	ng	0.00
76) Chrysene-d12	14.057	240	190750	20.000	ng	0.00
86) Perylene-d12	15.551	264	183790	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	278932	65.129	ng	0.00
7) Phenol-d6	6.504	99	335896	71.016	ng	0.00
23) Nitrobenzene-d5	7.439	82	233471	53.218	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	80616	53.493	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	483872	57.554	ng	0.00
79) Terphenyl-d14	12.992	244	525493	48.161	ng	0.00
Target Compounds						
						Qvalue
83) Chrysene	14.068	228	67323	5.565	ng	# 69
88) Benzo(b)fluoranthene	15.109	252	23535	2.265	ng	# 72
90) Benzo(a)pyrene	15.480	252	23498	2.521	ng	# 60

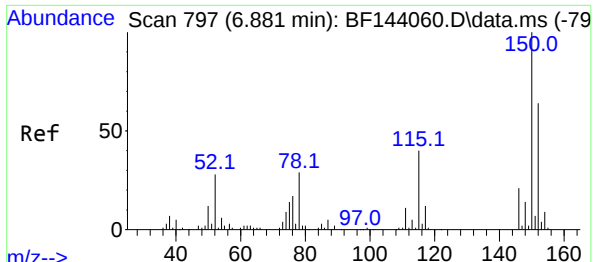
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
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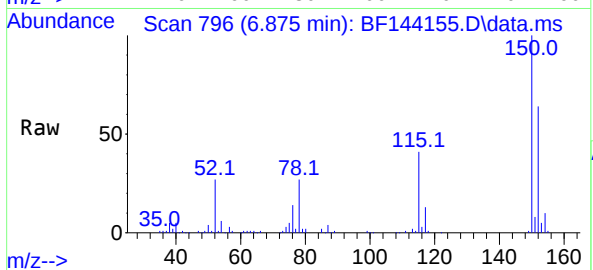
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 24 17:30:25 2025
Response via : Initial Calibration



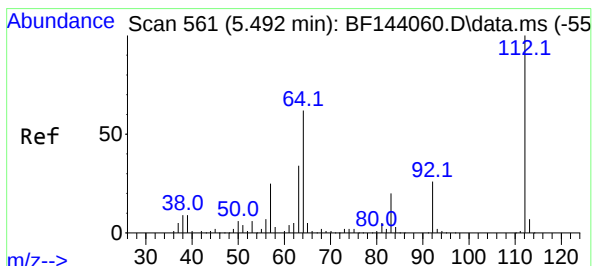
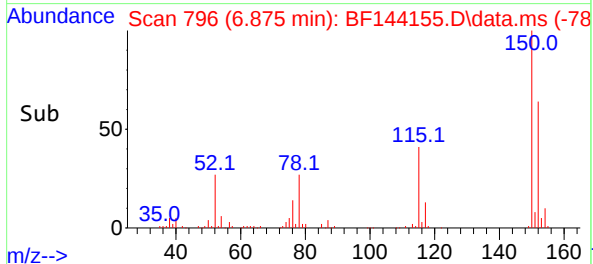
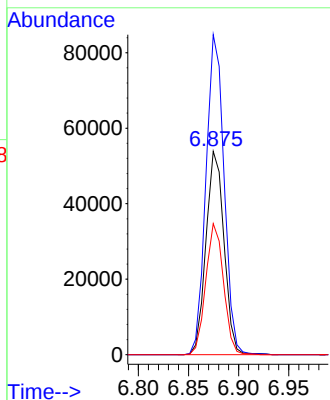


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

Instrument :
BNA_F
ClientSampleId :
WC-6

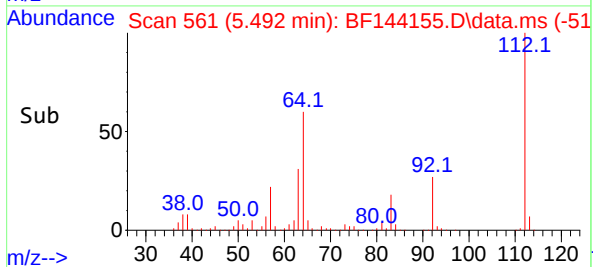
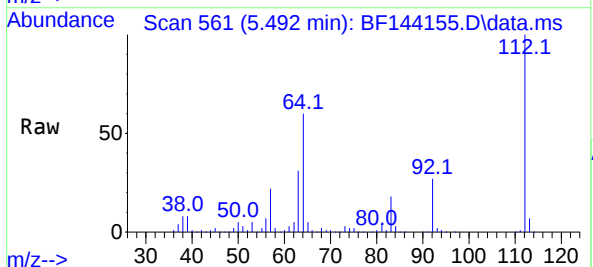
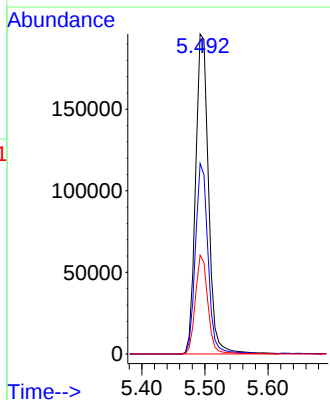


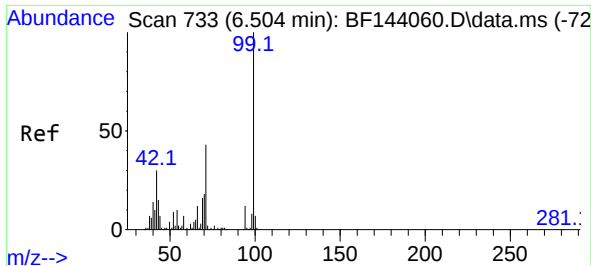
Tgt Ion:152 Resp: 67758
Ion Ratio Lower Upper
152 100
150 157.3 124.4 186.6
115 64.4 49.4 74.0



#5
2-Fluorophenol
Concen: 65.129 ng
RT: 5.492 min Scan# 561
Delta R.T. -0.000 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

Tgt Ion:112 Resp: 278932
Ion Ratio Lower Upper
112 100
64 59.5 49.8 74.8
63 30.8 27.4 41.2

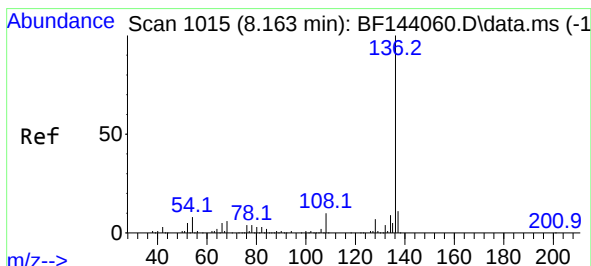
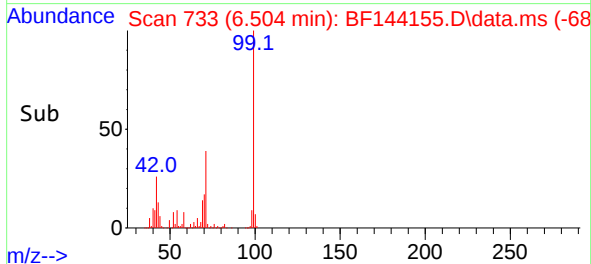
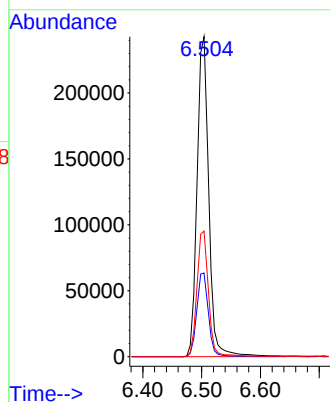
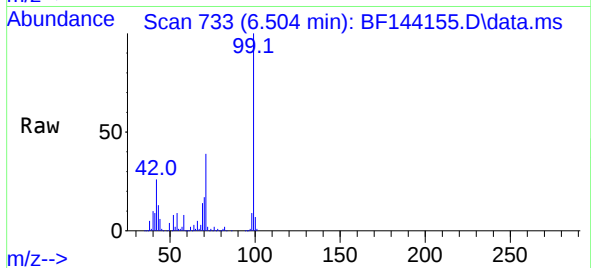




#7
Phenol-d6
Concen: 71.016 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

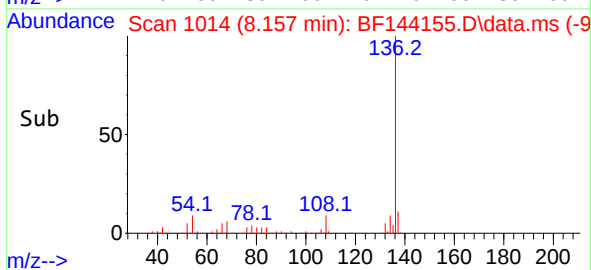
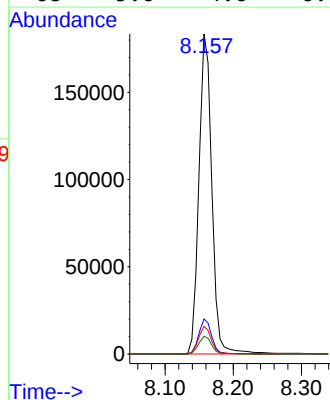
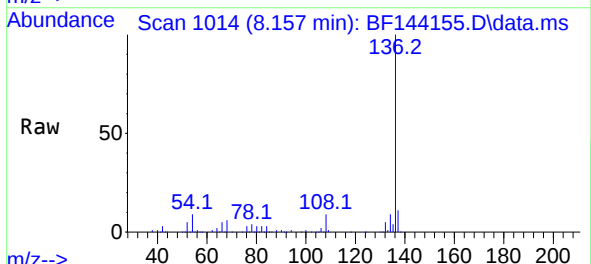
Instrument :
BNA_F
ClientSampleId :
WC-6

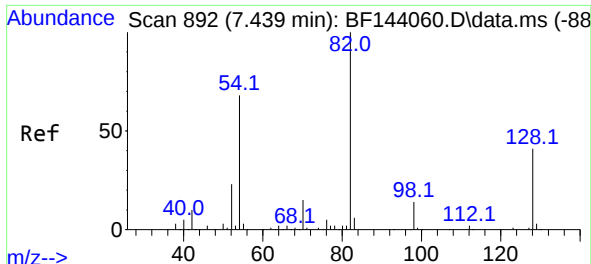
Tgt Ion: 99 Resp: 335896
Ion Ratio Lower Upper
99 100
42 26.2 23.9 35.9
71 39.2 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

Tgt Ion: 136 Resp: 240356
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.6 6.6 9.8
68 5.6 4.6 6.8

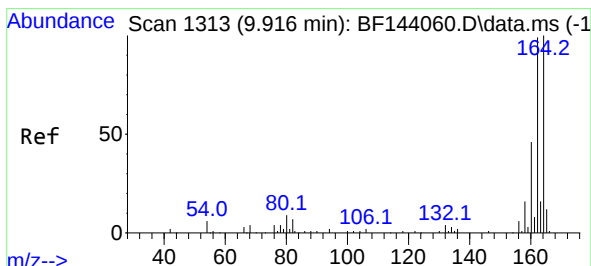
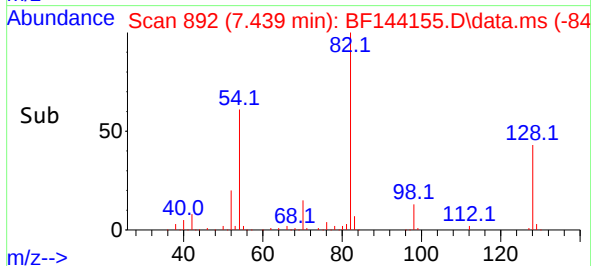
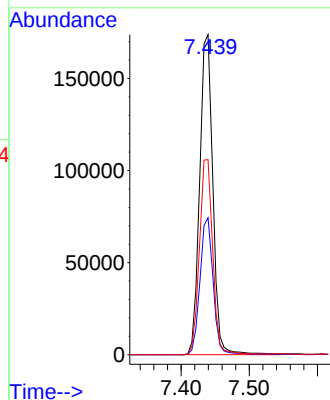
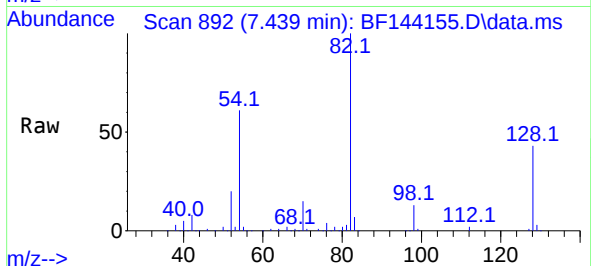




#23
Nitrobenzene-d5
Concen: 53.218 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

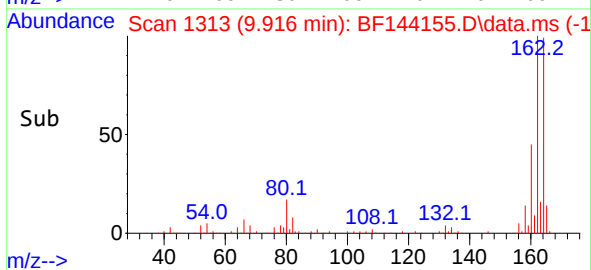
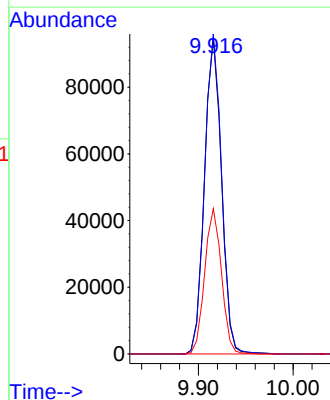
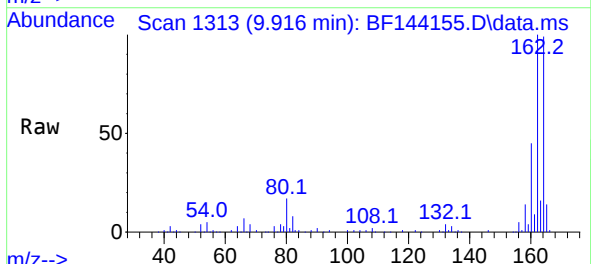
Instrument :
BNA_F
ClientSampleId :
WC-6

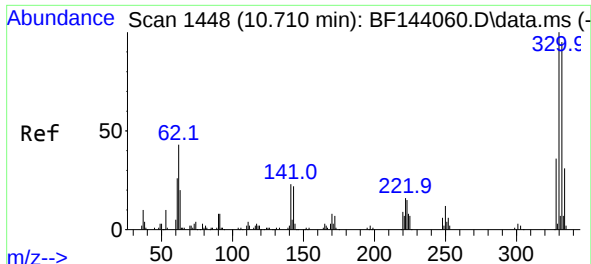
Tgt Ion: 82 Resp: 233471
Ion Ratio Lower Upper
82 100
128 42.8 32.4 48.6
54 60.9 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

Tgt Ion:164 Resp: 118309
Ion Ratio Lower Upper
164 100
162 101.4 79.4 119.2
160 46.1 36.7 55.1

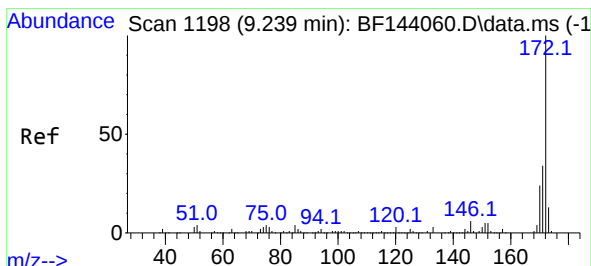
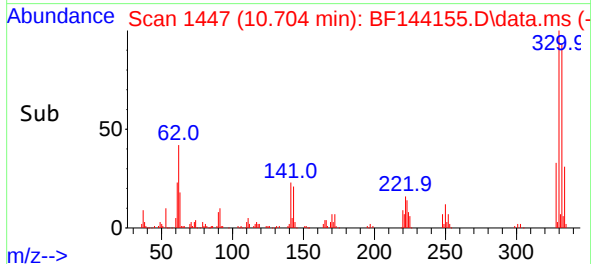
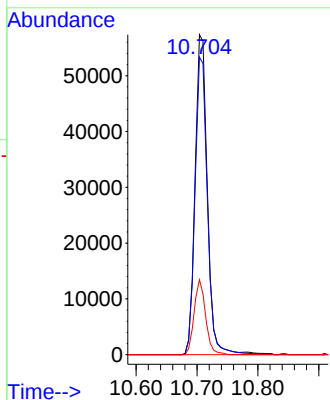
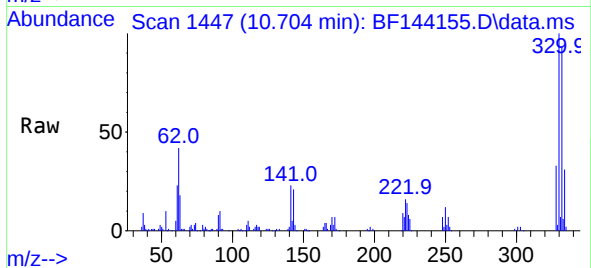




#42
2,4,6-Tribromophenol
Concen: 53.493 ng
RT: 10.704 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

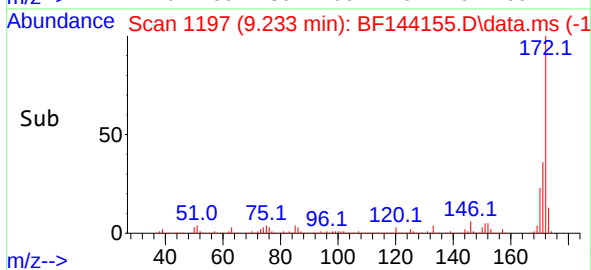
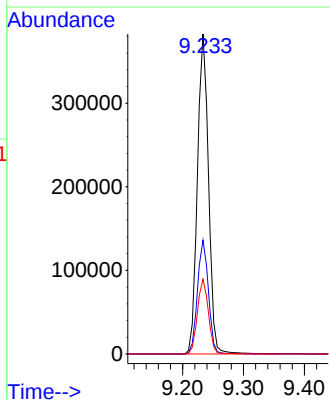
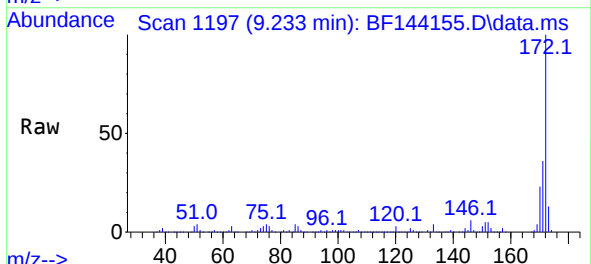
Instrument :
BNA_F
ClientSampleId :
WC-6

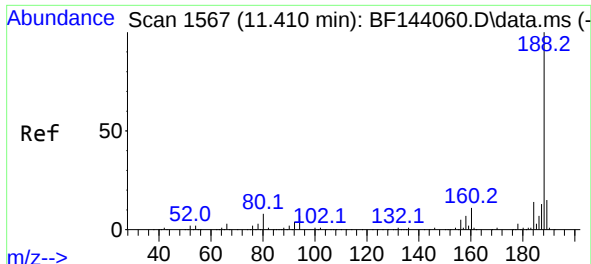
Tgt Ion:330 Resp: 80616
Ion Ratio Lower Upper
330 100
332 93.3 77.0 115.6
141 21.8 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 57.554 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

Tgt Ion:172 Resp: 483872
Ion Ratio Lower Upper
172 100
171 35.6 27.5 41.3
170 23.3 19.0 28.6

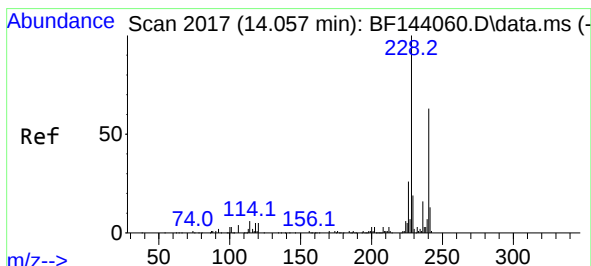
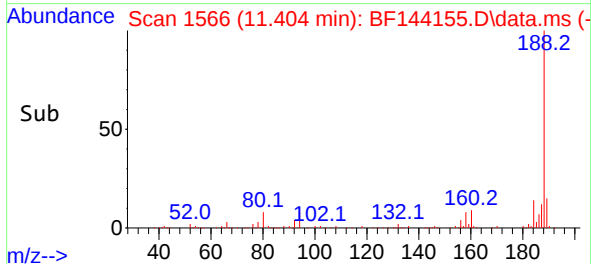
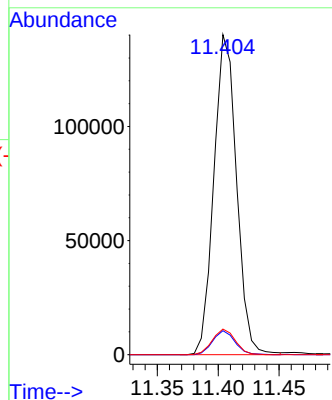
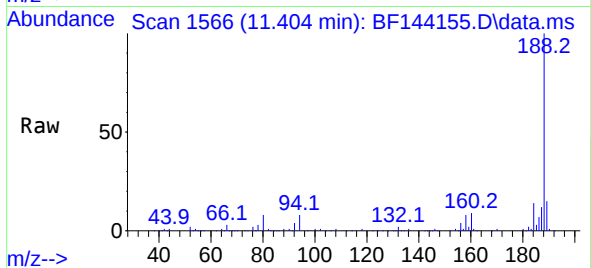




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

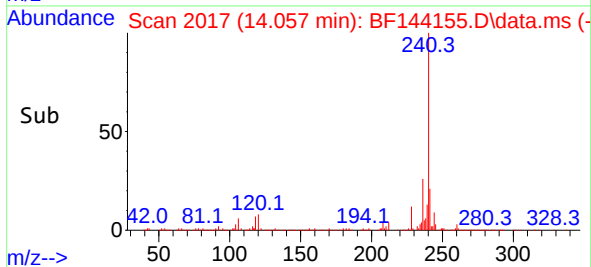
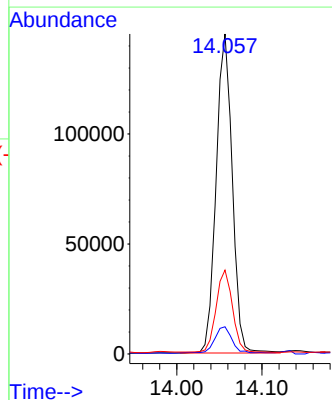
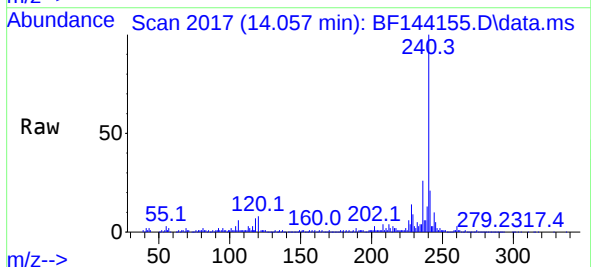
Instrument :
BNA_F
ClientSampleId :
WC-6

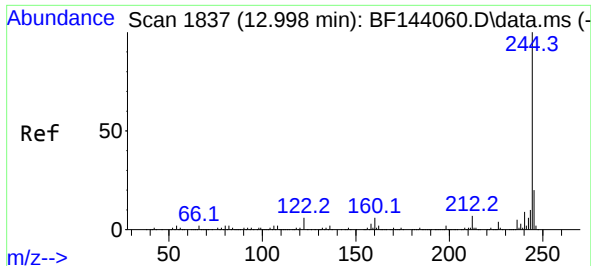
Tgt Ion:188 Resp: 181495
Ion Ratio Lower Upper
188 100
94 7.5 5.4 8.0
80 8.0 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

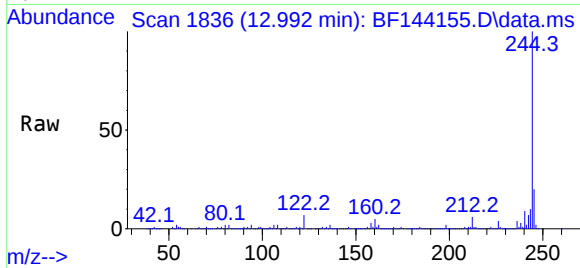
Tgt Ion:240 Resp: 190750
Ion Ratio Lower Upper
240 100
120 8.5 6.5 9.7
236 26.2 20.1 30.1



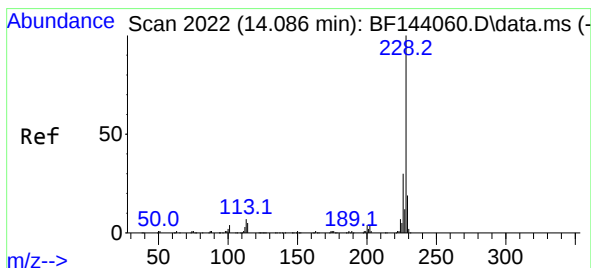
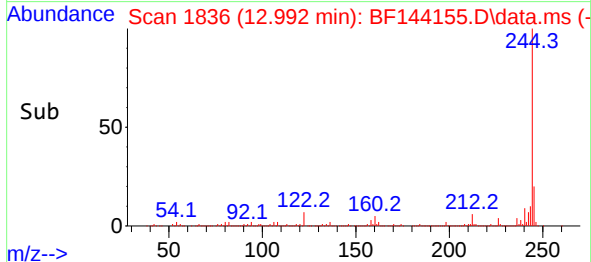
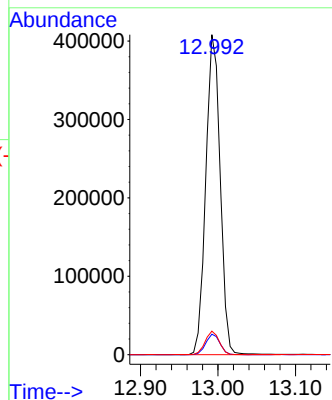


#79
 Terphenyl-d14
 Concen: 48.161 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF144155.D
 Acq: 30 Oct 2025 22:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

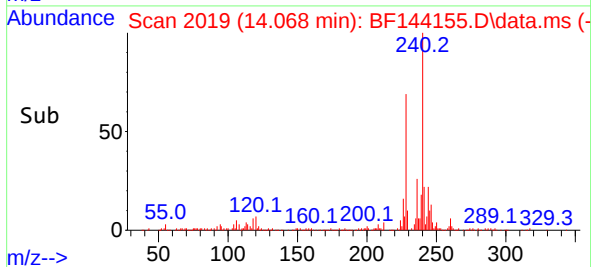
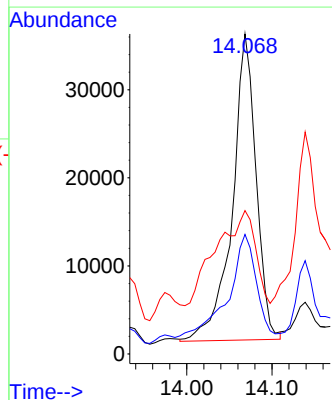
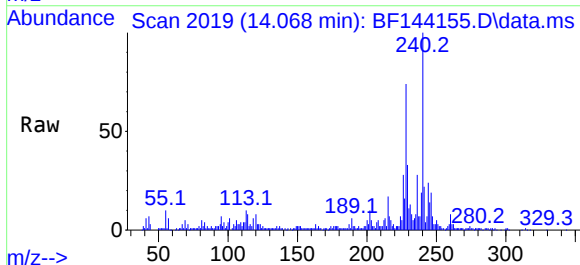


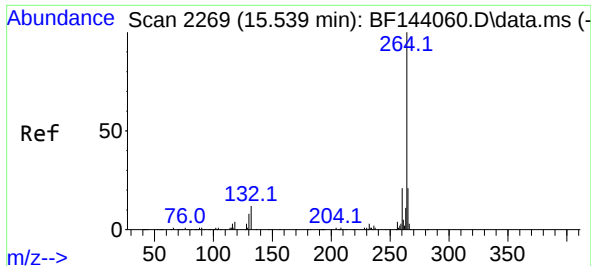
Tgt Ion:244 Resp: 525493
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.8 8.6
 122 7.4 4.9 7.3#



#83
 Chrysene
 Concen: 5.565 ng
 RT: 14.068 min Scan# 2019
 Delta R.T. -0.018 min
 Lab File: BF144155.D
 Acq: 30 Oct 2025 22:37

Tgt Ion:228 Resp: 67323
 Ion Ratio Lower Upper
 228 100
 226 37.3 23.8 35.6#
 229 44.8 15.6 23.4#



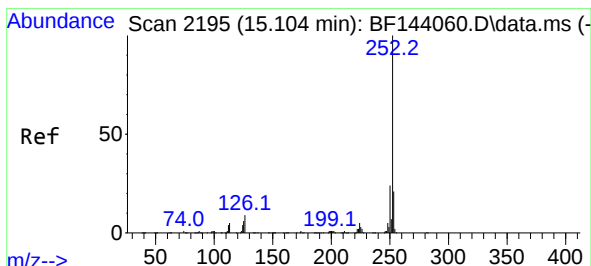
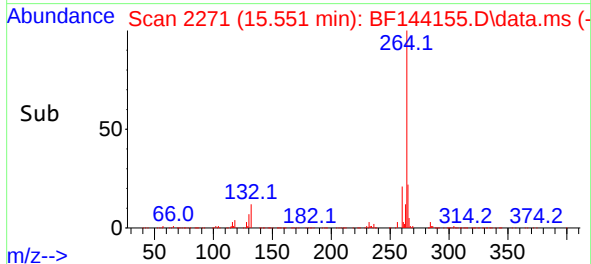
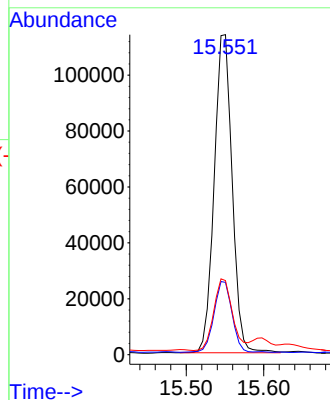
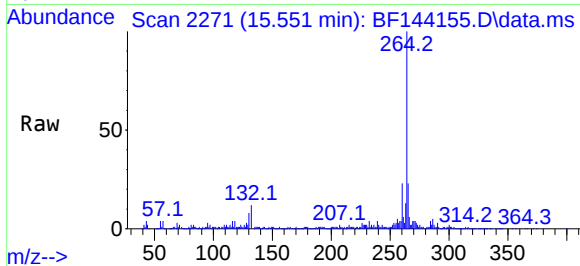


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

Instrument :
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ClientSampleId :
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Tgt Ion:264 Resp: 183790

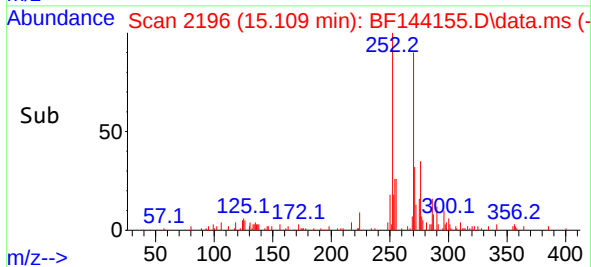
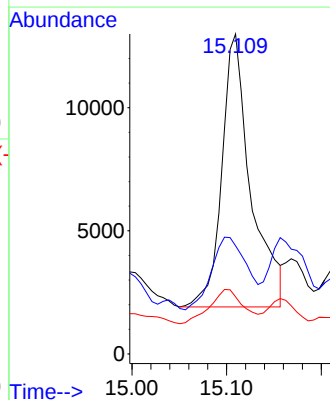
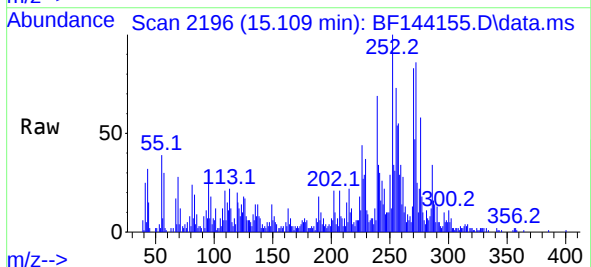
Ion	Ratio	Lower	Upper
264	100		
260	22.6	17.0	25.4
265	23.1	16.6	24.8

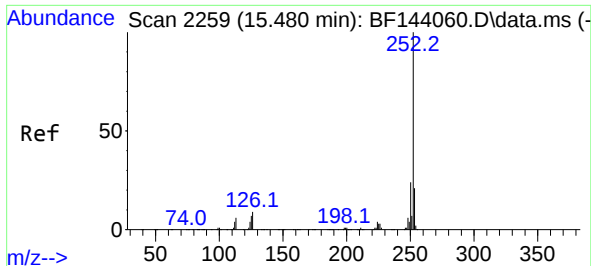


#88
Benzo(b)fluoranthene
Concen: 2.265 ng
RT: 15.109 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

Tgt Ion:252 Resp: 23535

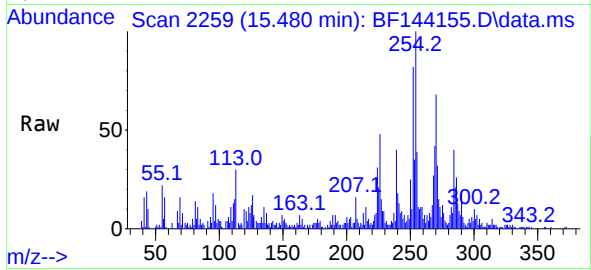
Ion	Ratio	Lower	Upper
252	100		
253	33.8	17.2	25.8#
125	17.8	5.0	7.6#





#90
Benzo(a)pyrene
Concen: 2.521 ng
RT: 15.480 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF144155.D
Acq: 30 Oct 2025 22:37

Instrument :
BNA_F
ClientSampleId :
WC-6



Tgt Ion:	252	Resp:	23498
Ion	Ratio	Lower	Upper
252	100		
253	43.0	17.1	25.7#
125	14.3	5.4	8.2#

