

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144148.D
 Acq On : 30 Oct 2025 19:04
 Operator : RC/JU
 Sample : Q3486-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5

Quant Time: Oct 31 01:00:03 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)

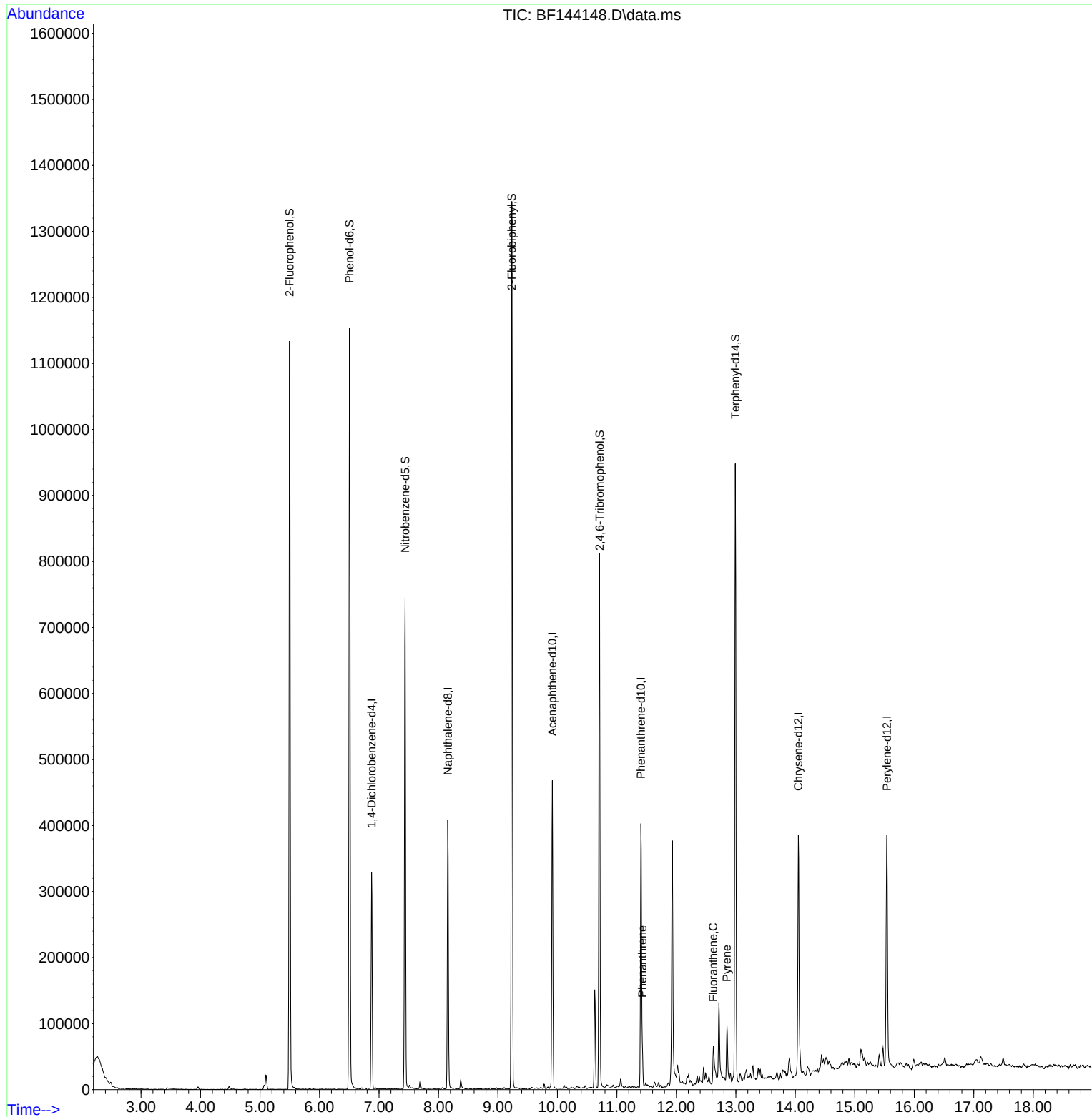
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	69071	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	259727	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	145089	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	218527	20.000	ng	0.00
76) Chrysene-d12	14.051	240	175263	20.000	ng	0.00
86) Perylene-d12	15.539	264	228610	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	418888	95.948	ng	0.00
7) Phenol-d6	6.504	99	488964	101.413	ng	0.00
23) Nitrobenzene-d5	7.440	82	316099	66.678	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	160113	86.634	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	613266	59.481	ng	0.00
79) Terphenyl-d14	12.992	244	481920	48.071	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	11.428	178	33645	3.099	ng	98
75) Fluoranthene	12.622	202	26018	2.169	ng	99
78) Pyrene	12.851	202	50239	3.987	ng	99

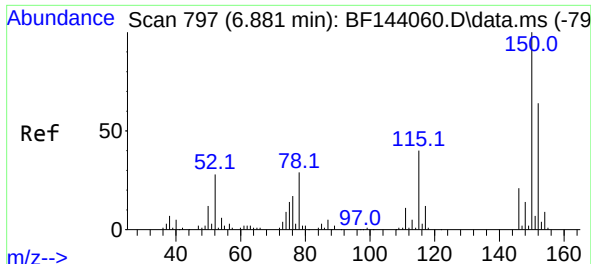
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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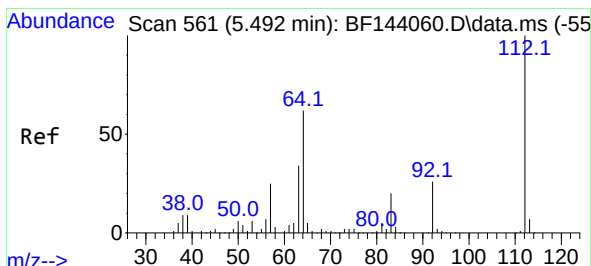
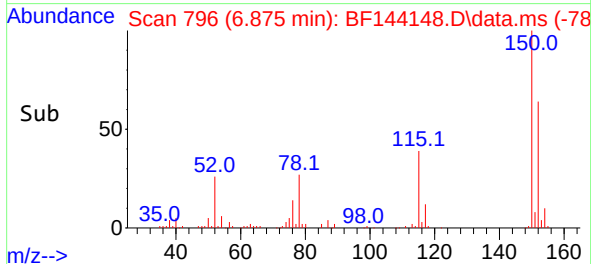
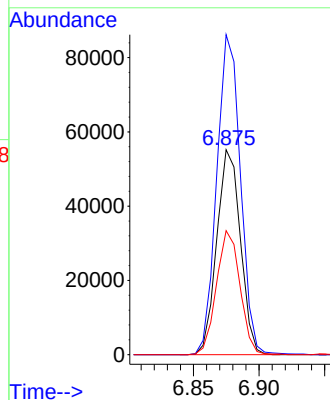
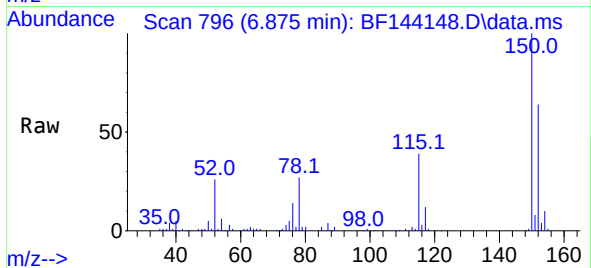




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

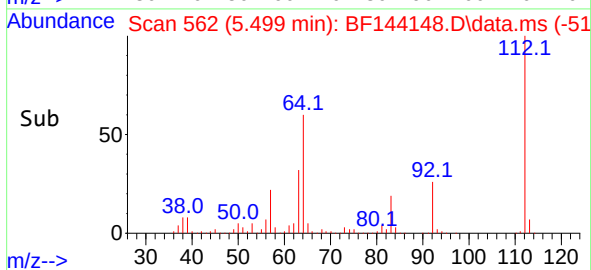
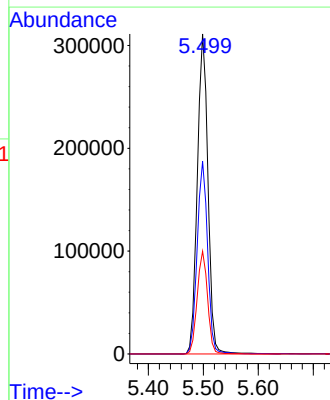
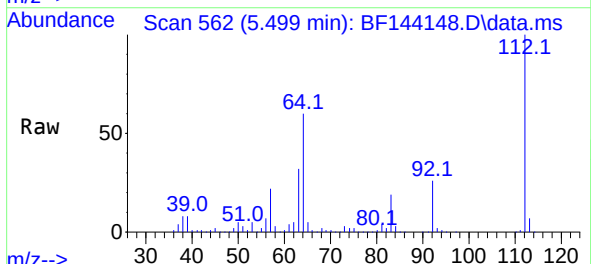
Instrument :
BNA_F
ClientSampleId :
TP5

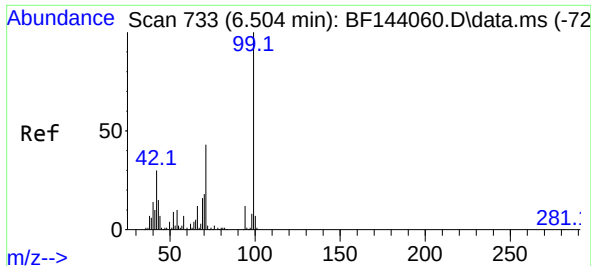
Tgt Ion:152 Resp: 69071
Ion Ratio Lower Upper
152 100
150 156.2 124.4 186.6
115 60.5 49.4 74.0



#5
2-Fluorophenol
Concen: 95.948 ng
RT: 5.499 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

Tgt Ion:112 Resp: 418888
Ion Ratio Lower Upper
112 100
64 60.2 49.8 74.8
63 32.1 27.4 41.2



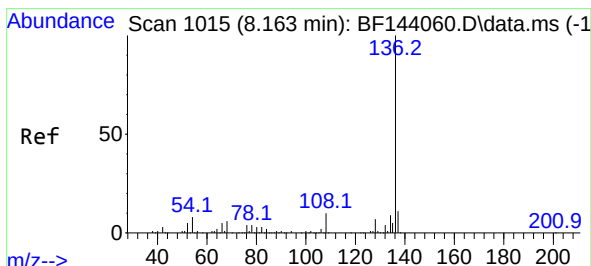
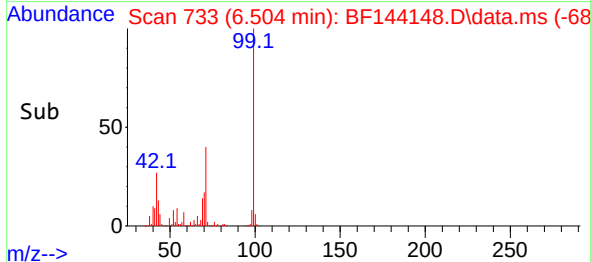
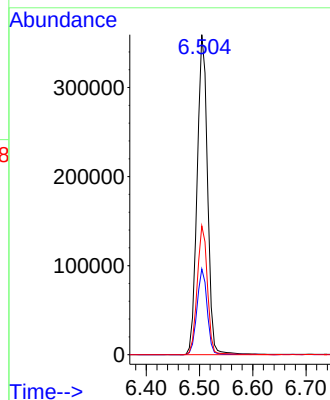
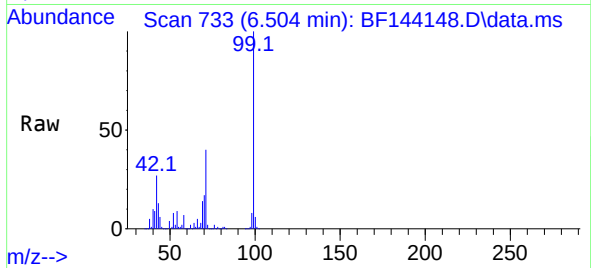


#7
Phenol-d6
Concen: 101.413 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

Instrument :
BNA_F
ClientSampleId :
TP5

Tgt Ion: 99 Resp: 488964

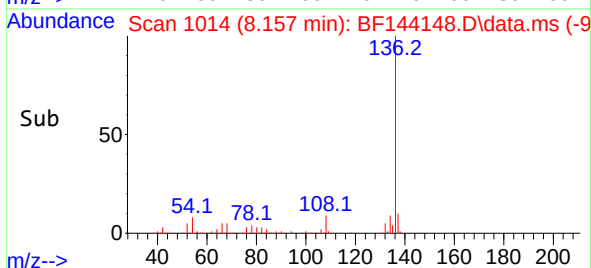
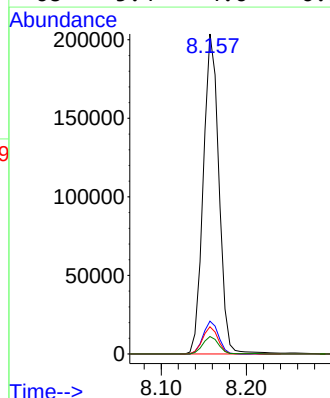
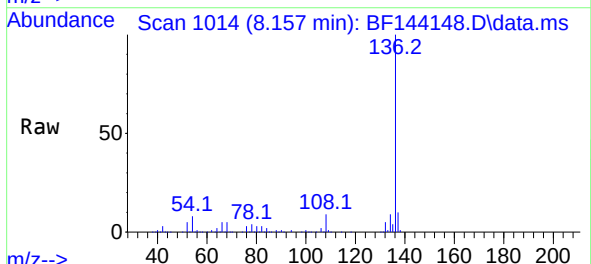
Ion	Ratio	Lower	Upper
99	100		
42	26.8	23.9	35.9
71	40.2	34.4	51.6

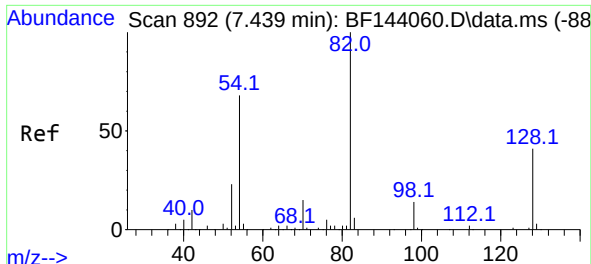


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

Tgt Ion: 136 Resp: 259727

Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	8.5	6.6	9.8
68	5.4	4.6	6.8

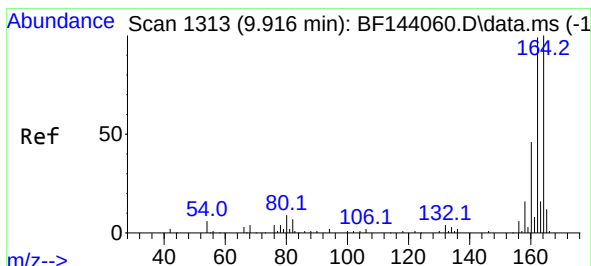
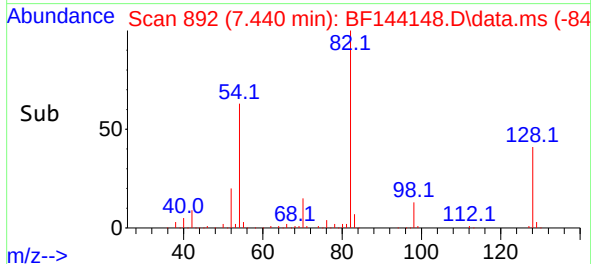
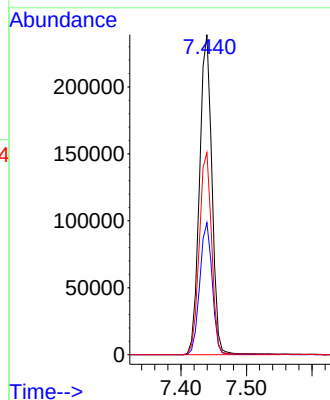
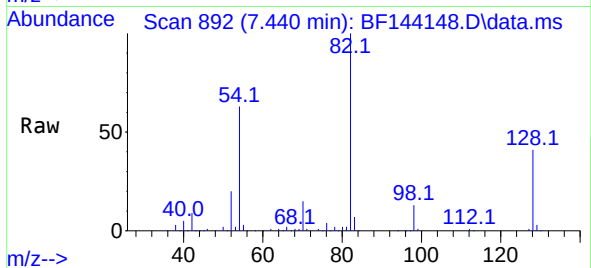




#23
Nitrobenzene-d5
Concen: 66.678 ng
RT: 7.440 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

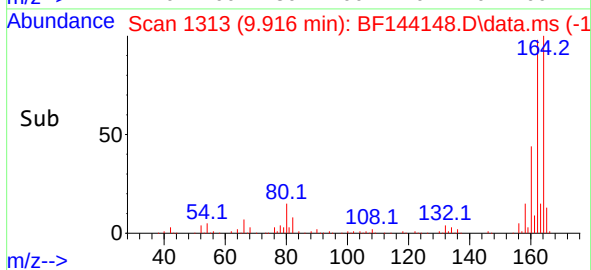
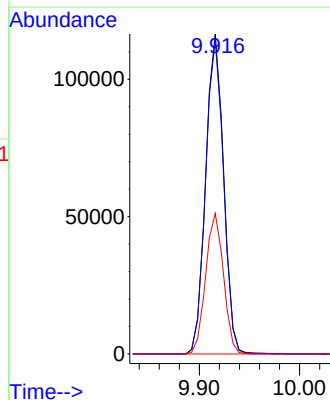
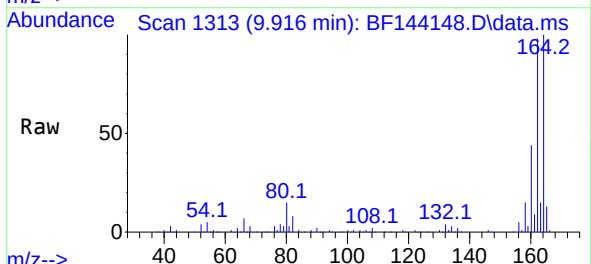
Instrument :
BNA_F
ClientSampleId :
TP5

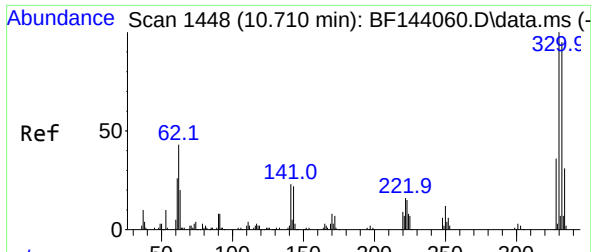
Tgt Ion: 82 Resp: 316099
Ion Ratio Lower Upper
82 100
128 41.3 32.4 48.6
54 63.1 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

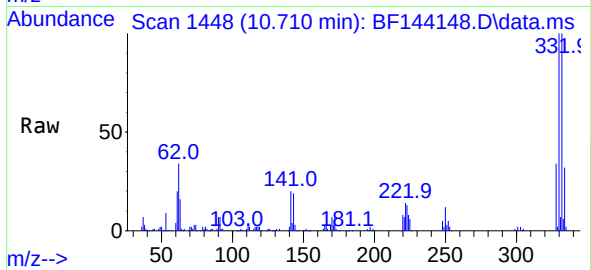
Tgt Ion:164 Resp: 145089
Ion Ratio Lower Upper
164 100
162 98.0 79.4 119.2
160 43.9 36.7 55.1



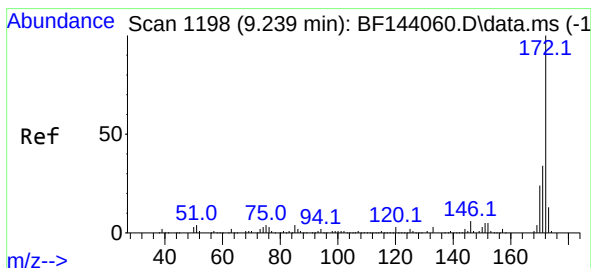
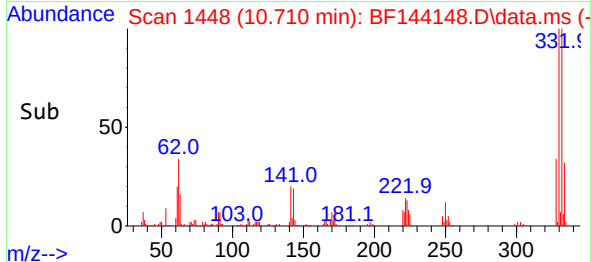
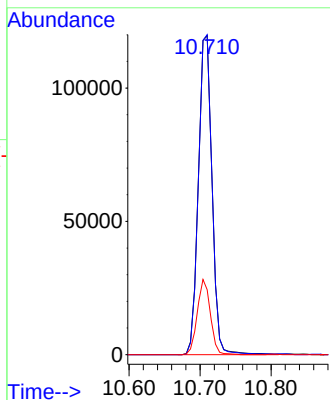


#42
2,4,6-Tribromophenol
Concen: 86.634 ng
RT: 10.710 min Scan# 1448
Delta R.T. 0.000 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

Instrument :
BNA_F
ClientSampleId :
TP5

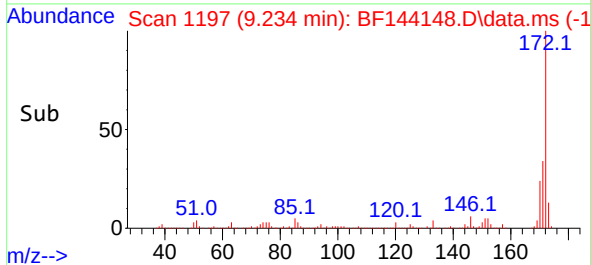
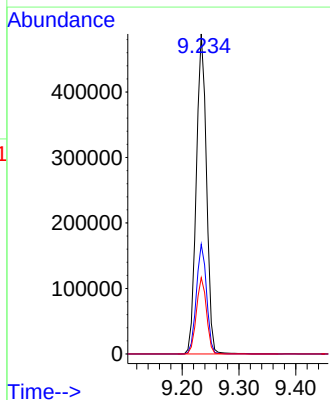
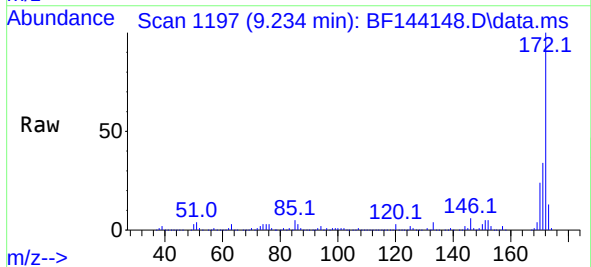


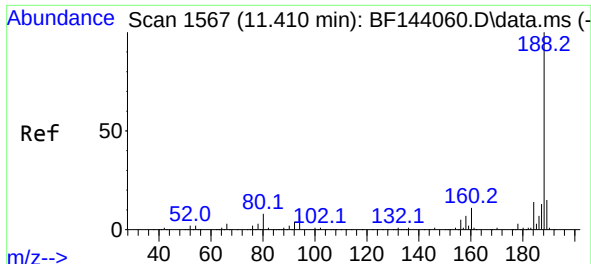
Tgt Ion:330 Resp: 160113
Ion Ratio Lower Upper
330 100
332 99.6 77.0 115.6
141 22.6 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 59.481 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

Tgt Ion:172 Resp: 613266
Ion Ratio Lower Upper
172 100
171 34.2 27.5 41.3
170 23.9 19.0 28.6

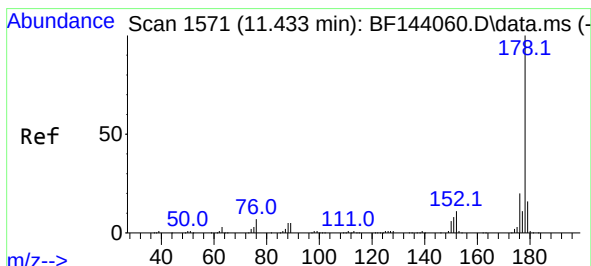
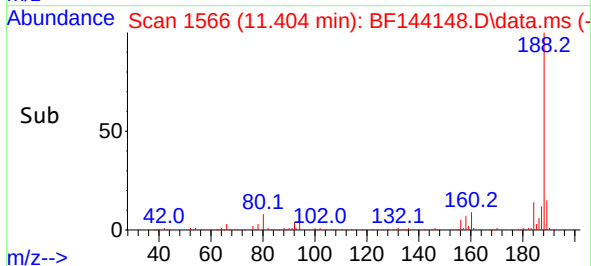
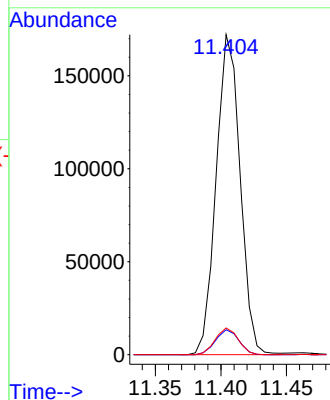
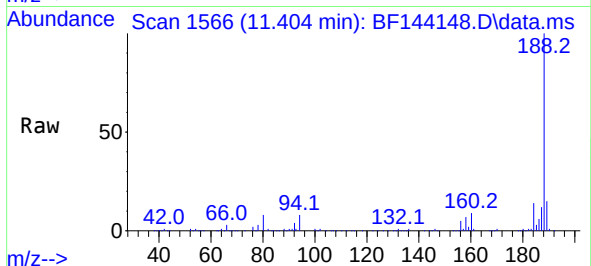




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

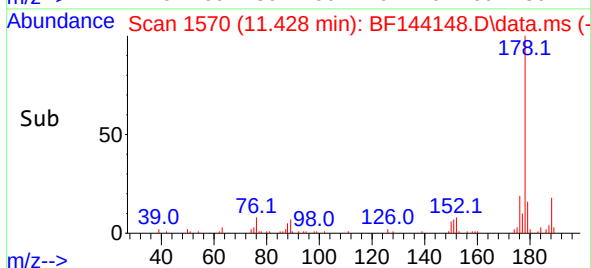
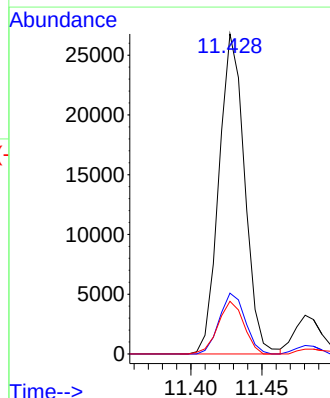
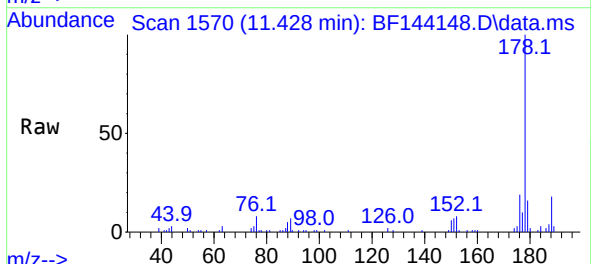
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BNA_F
ClientSampleId :
TP5

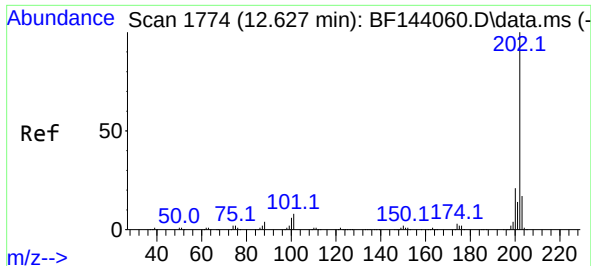
Tgt Ion:188 Resp: 218527
Ion Ratio Lower Upper
188 100
94 7.8 5.4 8.0
80 8.4 6.0 9.0



#71
Phenanthrene
Concen: 3.099 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

Tgt Ion:178 Resp: 33645
Ion Ratio Lower Upper
178 100
176 19.0 16.3 24.5
179 16.4 12.6 18.8

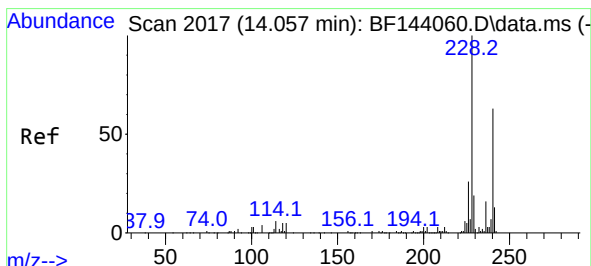
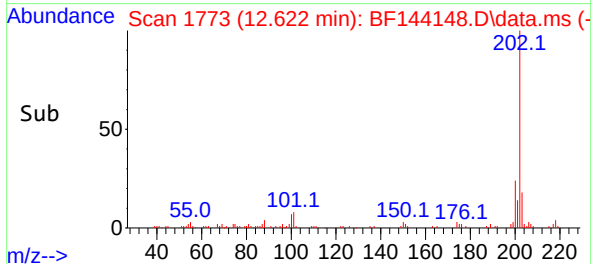
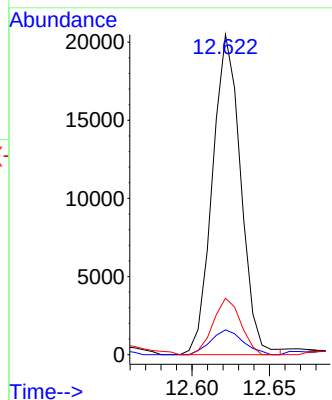
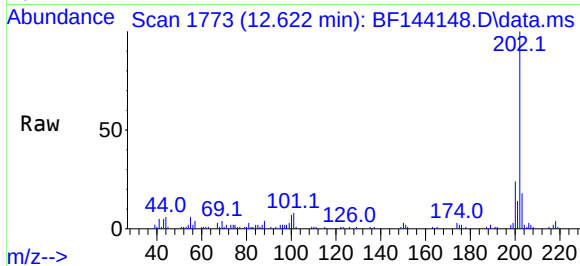




#75
Fluoranthene
Concen: 2.169 ng
RT: 12.622 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

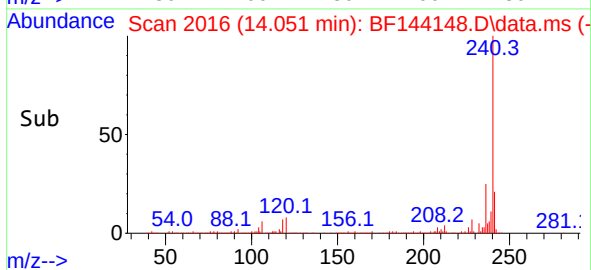
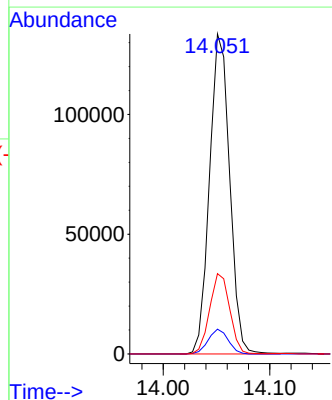
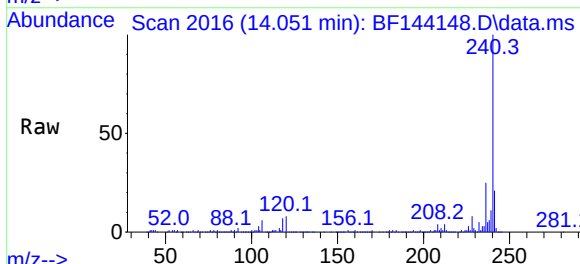
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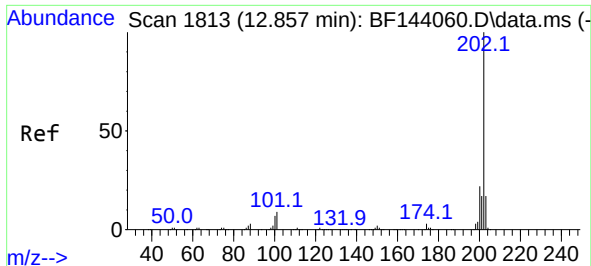
Tgt Ion:202 Resp: 26018
Ion Ratio Lower Upper
202 100
101 7.8 0.0 27.7
203 17.7 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

Tgt Ion:240 Resp: 175263
Ion Ratio Lower Upper
240 100
120 7.8 6.5 9.7
236 25.1 20.1 30.1

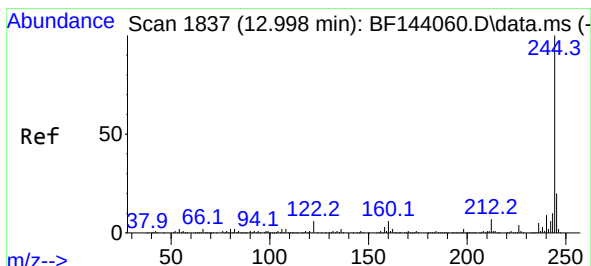
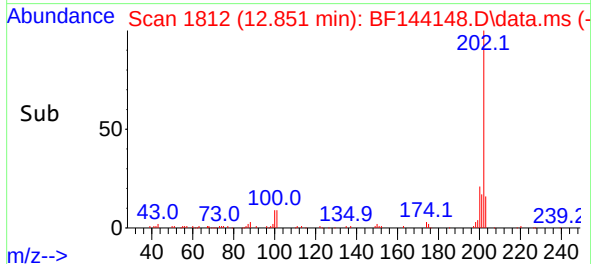
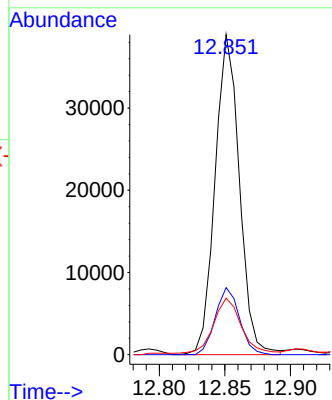
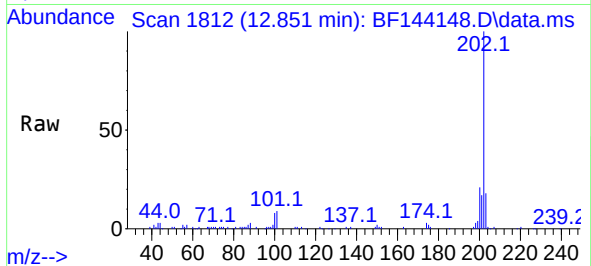




#78
Pyrene
Concen: 3.987 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

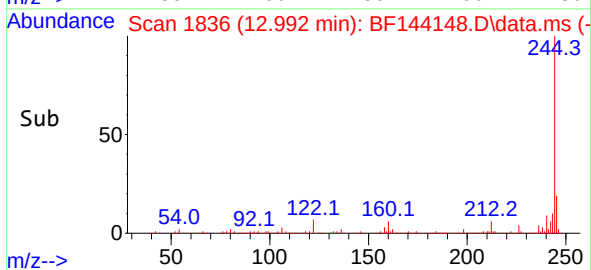
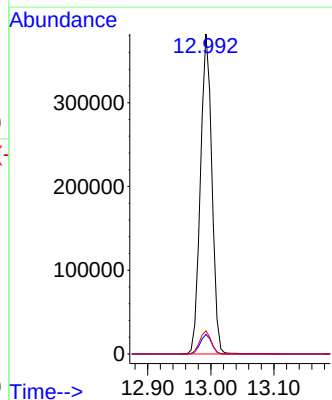
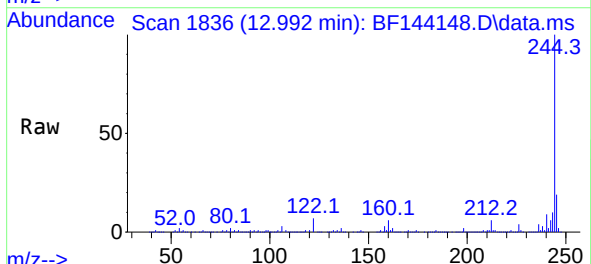
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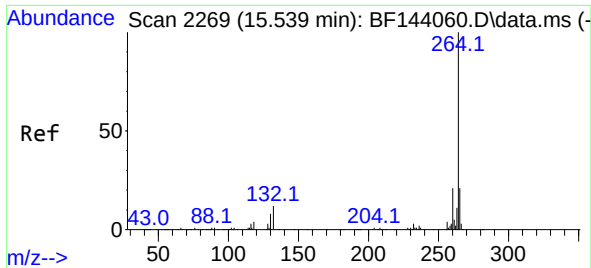
Tgt Ion:202 Resp: 50239
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.6 13.5 20.3



#79
Terphenyl-d14
Concen: 48.071 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144148.D
Acq: 30 Oct 2025 19:04

Tgt Ion:244 Resp: 481920
Ion Ratio Lower Upper
244 100
212 6.1 5.8 8.6
122 7.2 4.9 7.3





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF144148.D
 Acq: 30 Oct 2025 19:04

Instrument :
 BNA_F
 ClientSampleId :
 TP5

Tgt Ion:264 Resp: 228610
 Ion Ratio Lower Upper
 264 100
 260 22.1 17.0 25.4
 265 21.2 16.6 24.8

