

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144146.D
 Acq On : 30 Oct 2025 17:35
 Operator : RC/JU
 Sample : PB170325BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB170325BL

Quant Time: Oct 30 18:08:54 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	96785	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	374707	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	224260	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	402590	20.000	ng	0.00
76) Chrysene-d12	14.057	240	234228	20.000	ng	0.00
86) Perylene-d12	15.539	264	297221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	493440	80.661	ng	0.01
7) Phenol-d6	6.504	99	571840	84.641	ng	0.00
23) Nitrobenzene-d5	7.439	82	371328	54.293	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	239569	83.864	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	820241	51.470	ng	0.00
79) Terphenyl-d14	12.998	244	914979	68.292	ng	0.00

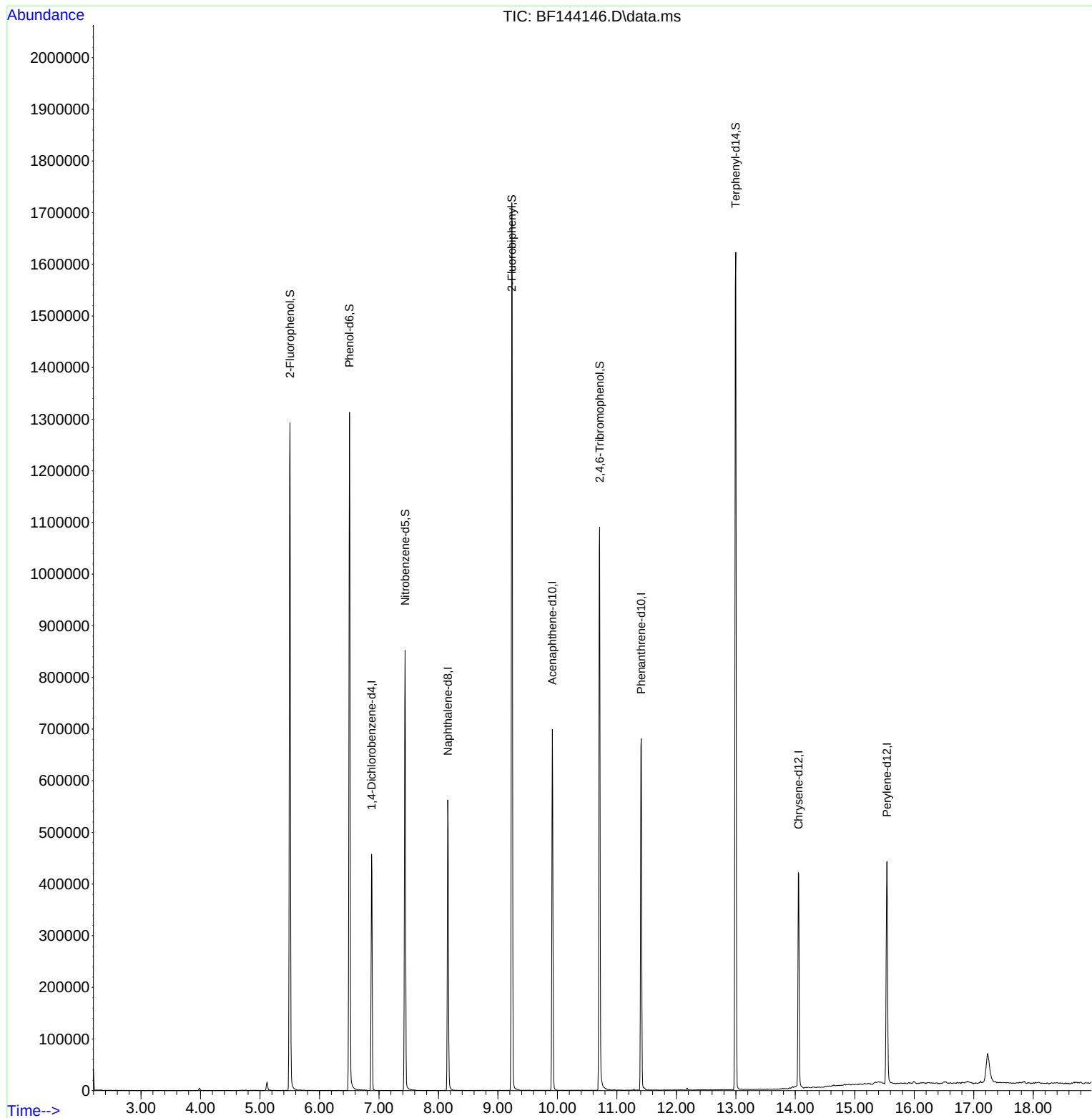
Target Compounds	Qvalue

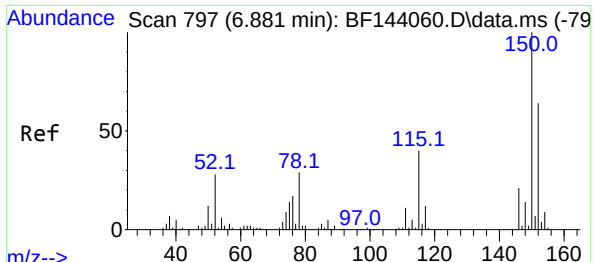
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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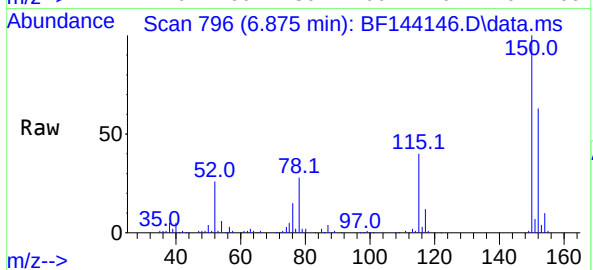
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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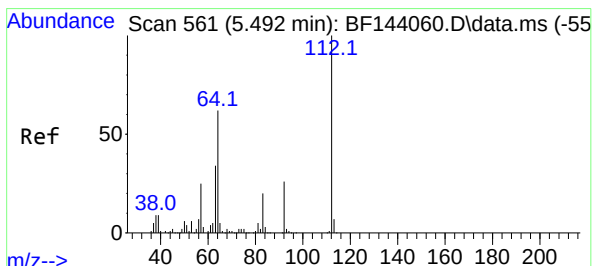
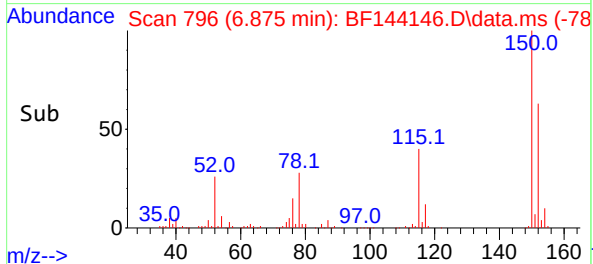
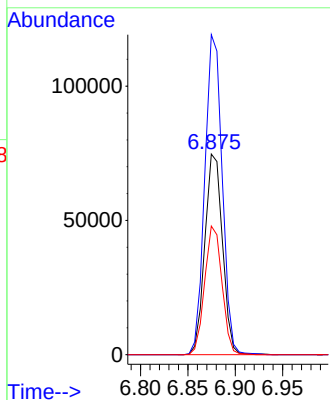


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144146.D
Acq: 30 Oct 2025 17:35

Instrument :
BNA_F
ClientSampleId :
PB170325BL

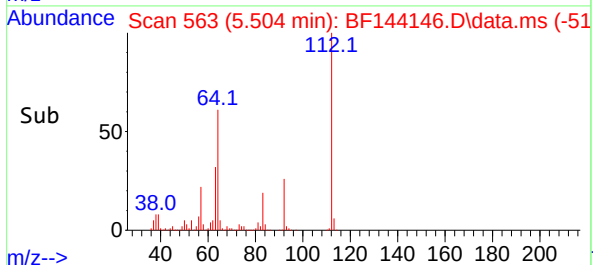
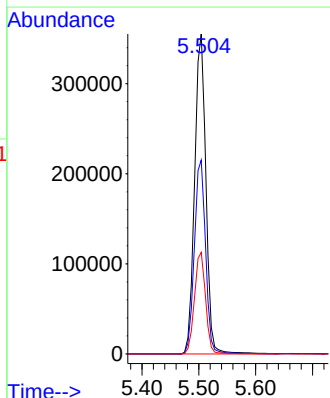
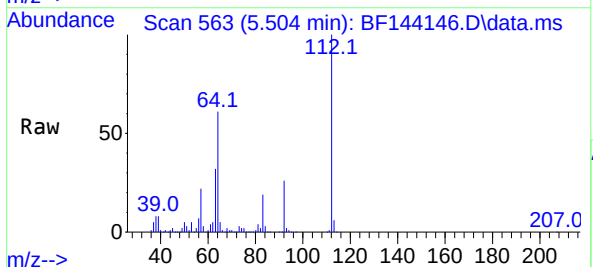


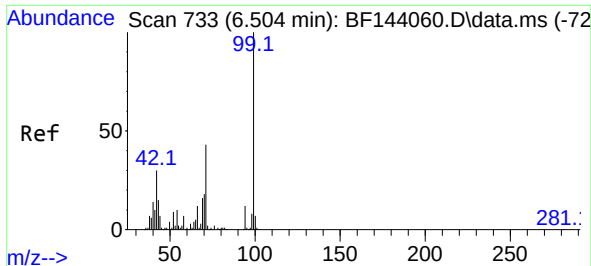
Tgt Ion:152 Resp: 96785
Ion Ratio Lower Upper
152 100
150 159.5 124.4 186.6
115 64.1 49.4 74.0



#5
2-Fluorophenol
Concen: 80.661 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF144146.D
Acq: 30 Oct 2025 17:35

Tgt Ion:112 Resp: 493440
Ion Ratio Lower Upper
112 100
64 60.6 49.8 74.8
63 31.7 27.4 41.2





#7
Phenol-d6
Concen: 84.641 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144146.D
Acq: 30 Oct 2025 17:35

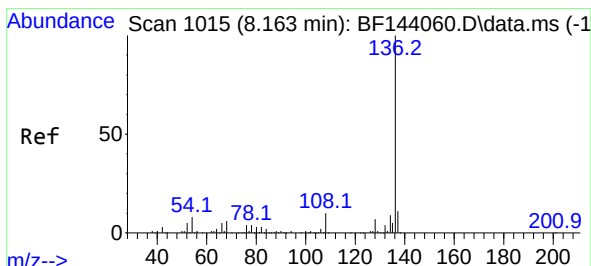
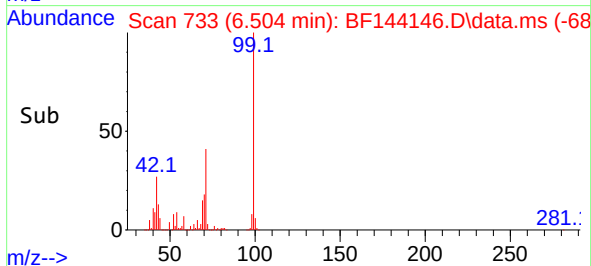
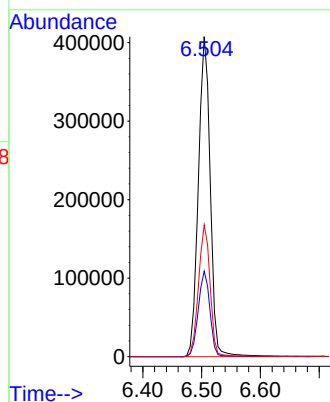
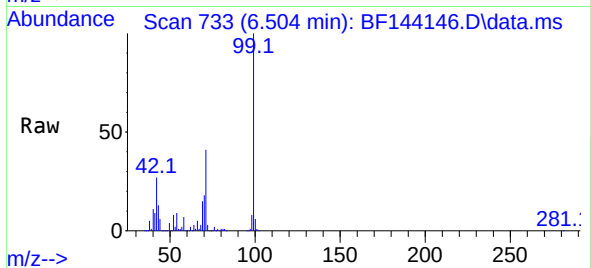
Instrument :

BNA_F

ClientSampleId :

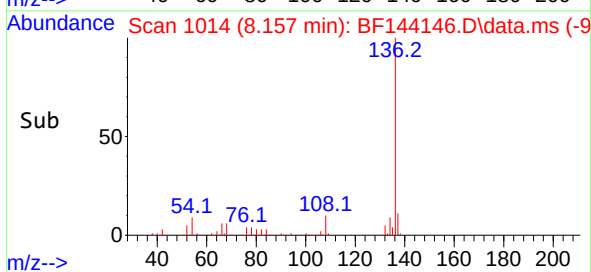
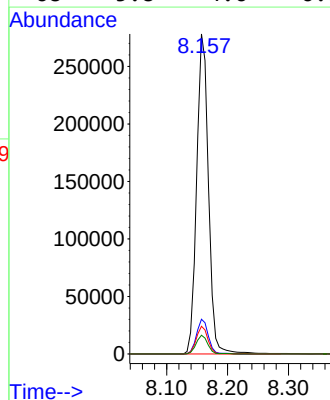
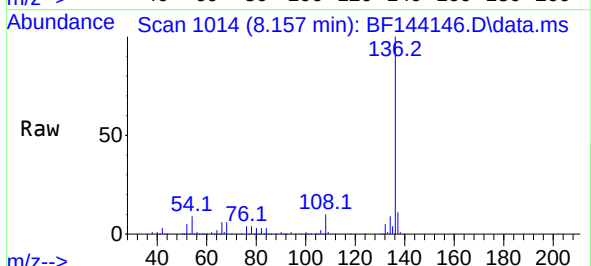
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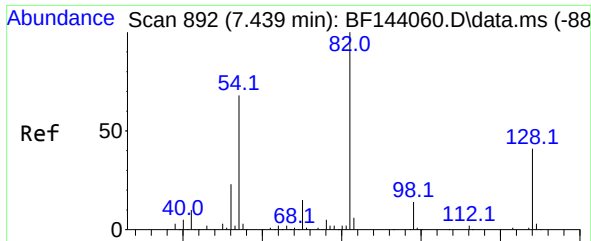
Tgt Ion: 99 Resp: 571840
Ion Ratio Lower Upper
99 100
42 26.7 23.9 35.9
71 41.2 34.4 51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144146.D
Acq: 30 Oct 2025 17:35

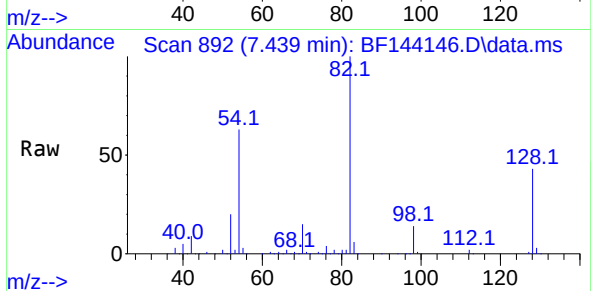
Tgt Ion:136 Resp: 374707
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.6 6.6 9.8
68 5.8 4.6 6.8





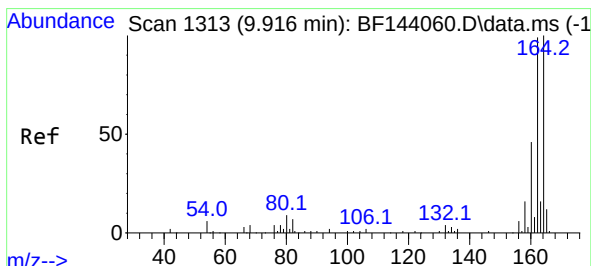
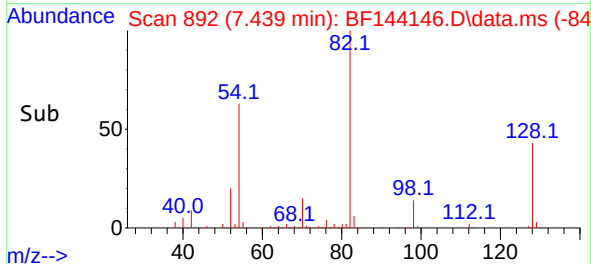
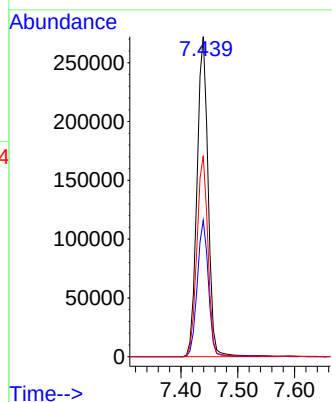
#23
Nitrobenzene-d5
Concen: 54.293 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144146.D
Acq: 30 Oct 2025 17:35

Instrument :
BNA_F
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Tgt Ion: 82 Resp: 371328

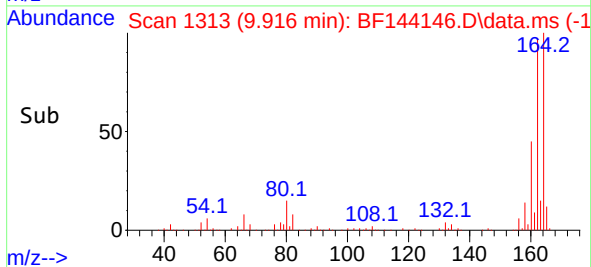
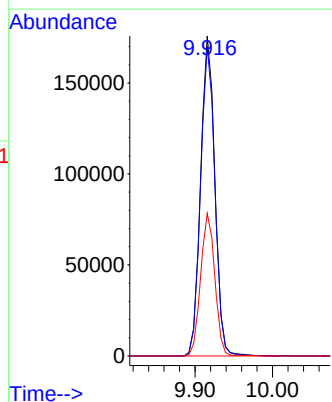
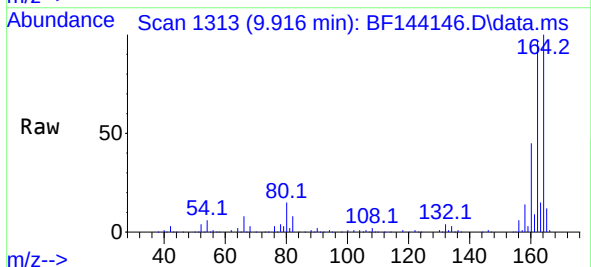
Ion	Ratio	Lower	Upper
82	100		
128	42.6	32.4	48.6
54	62.8	54.0	81.0

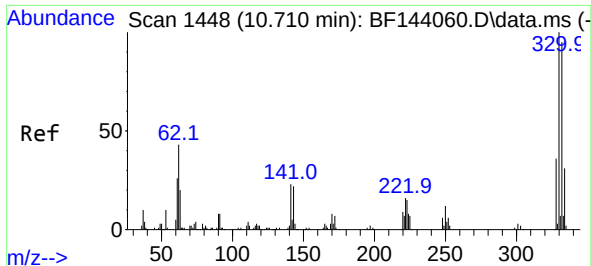


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144146.D
Acq: 30 Oct 2025 17:35

Tgt Ion: 164 Resp: 224260

Ion	Ratio	Lower	Upper
164	100		
162	96.7	79.4	119.2
160	44.6	36.7	55.1





#42

2,4,6-Tribromophenol

Concen: 83.864 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144146.D

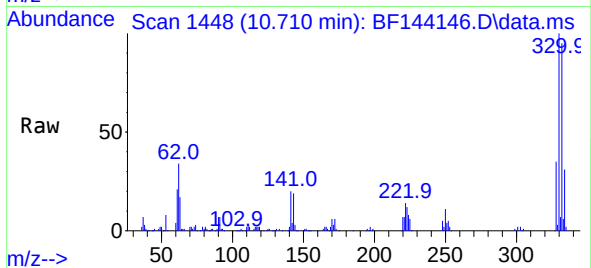
Acq: 30 Oct 2025 17:35

Instrument :

BNA_F

ClientSampleId :

PB170325BL



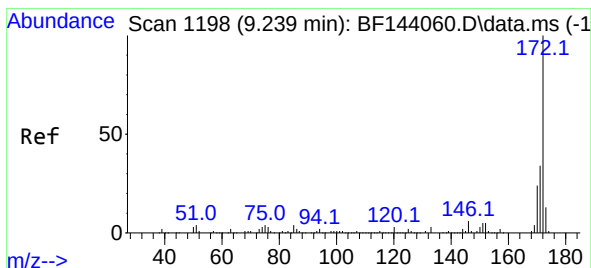
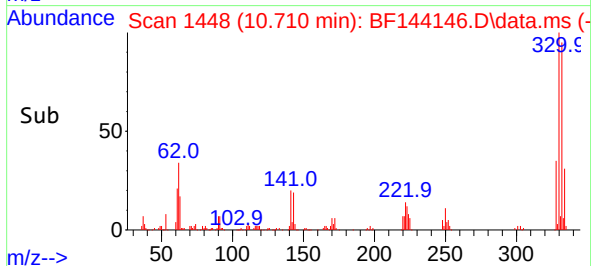
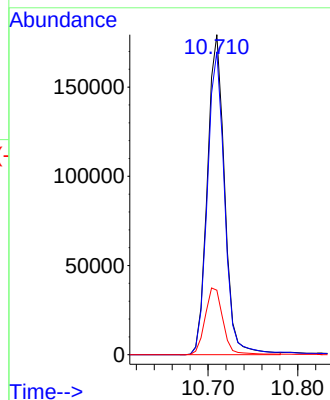
Tgt Ion:330 Resp: 239569

Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.6

141 21.9 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 51.470 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144146.D

Acq: 30 Oct 2025 17:35

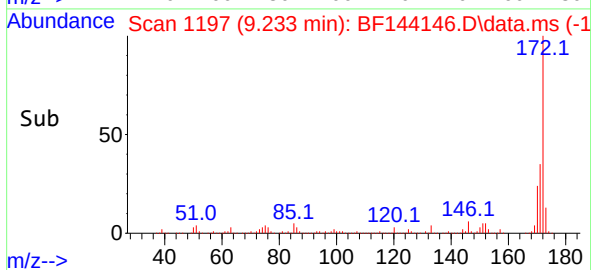
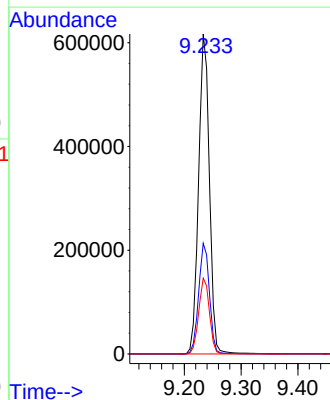
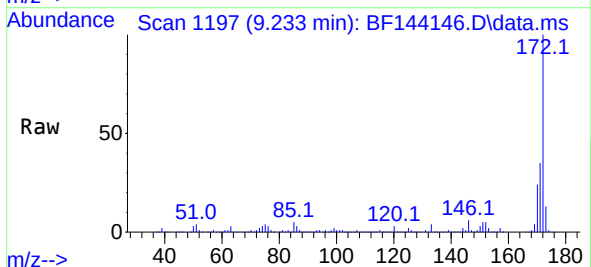
Tgt Ion:172 Resp: 820241

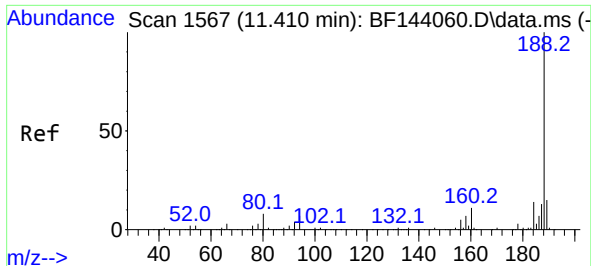
Ion Ratio Lower Upper

172 100

171 34.6 27.5 41.3

170 23.7 19.0 28.6

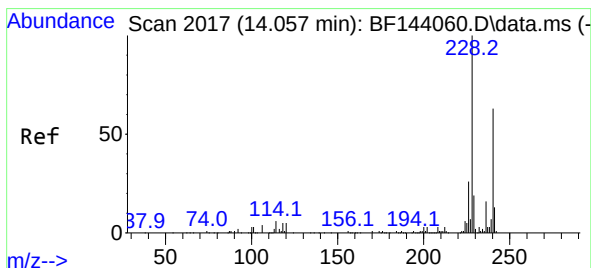
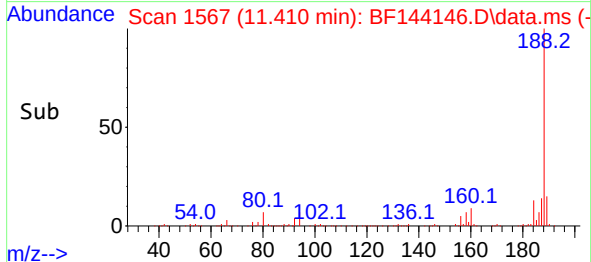
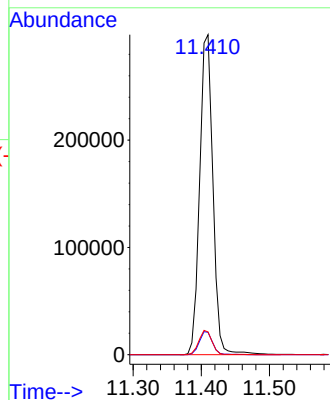
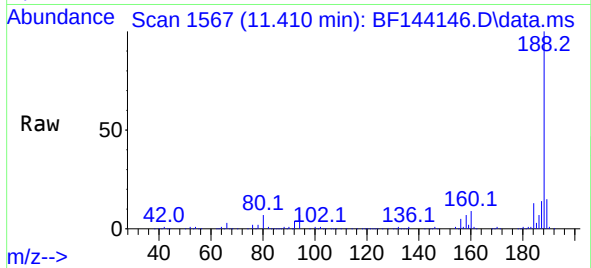




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF144146.D
Acq: 30 Oct 2025 17:35

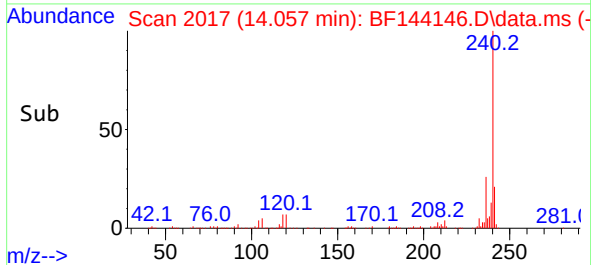
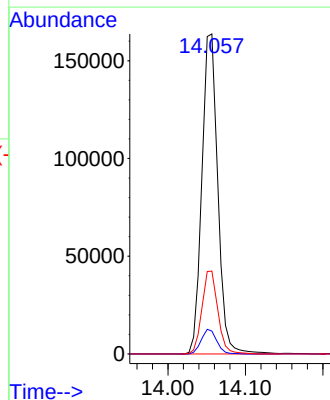
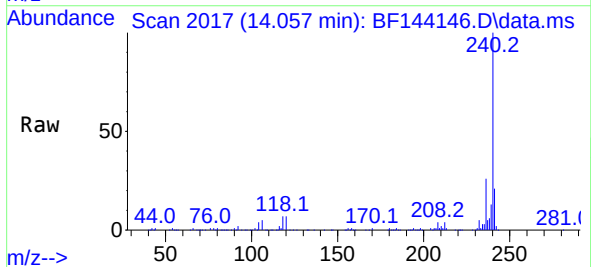
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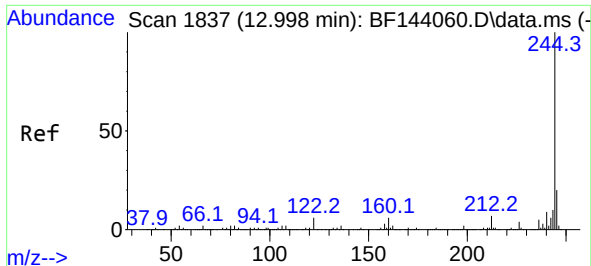
Tgt Ion:188 Resp: 402590
Ion Ratio Lower Upper
188 100
94 7.0 5.4 8.0
80 7.1 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF144146.D
Acq: 30 Oct 2025 17:35

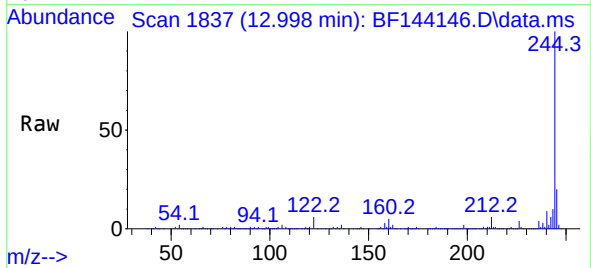
Tgt Ion:240 Resp: 234228
Ion Ratio Lower Upper
240 100
120 7.1 6.5 9.7
236 25.9 20.1 30.1



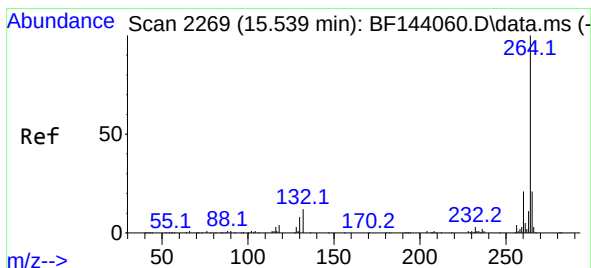
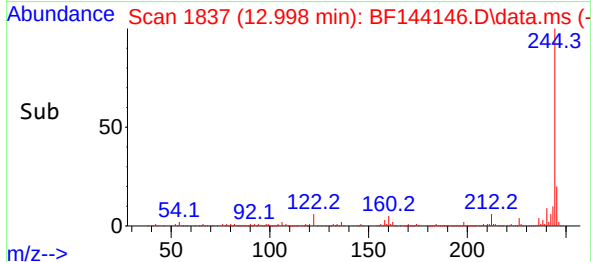
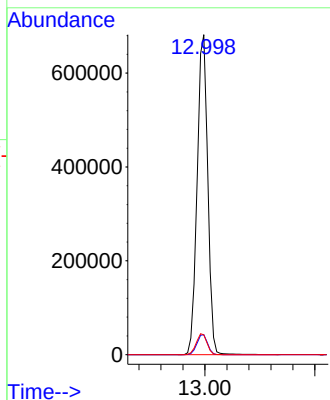


#79
Terphenyl-d14
Concen: 68.292 ng
RT: 12.998 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF144146.D
Acq: 30 Oct 2025 17:35

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:244 Resp: 914979
Ion Ratio Lower Upper
244 100
212 6.2 5.8 8.6
122 6.2 4.9 7.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF144146.D
Acq: 30 Oct 2025 17:35

Tgt Ion:264 Resp: 297221
Ion Ratio Lower Upper
264 100
260 21.4 17.0 25.4
265 21.8 16.6 24.8

