

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102825\
 Data File : BF144106.D
 Acq On : 28 Oct 2025 17:44
 Operator : RC/JU
 Sample : Q3434-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-WC1-20251022

Quant Time: Oct 28 18:04:16 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)

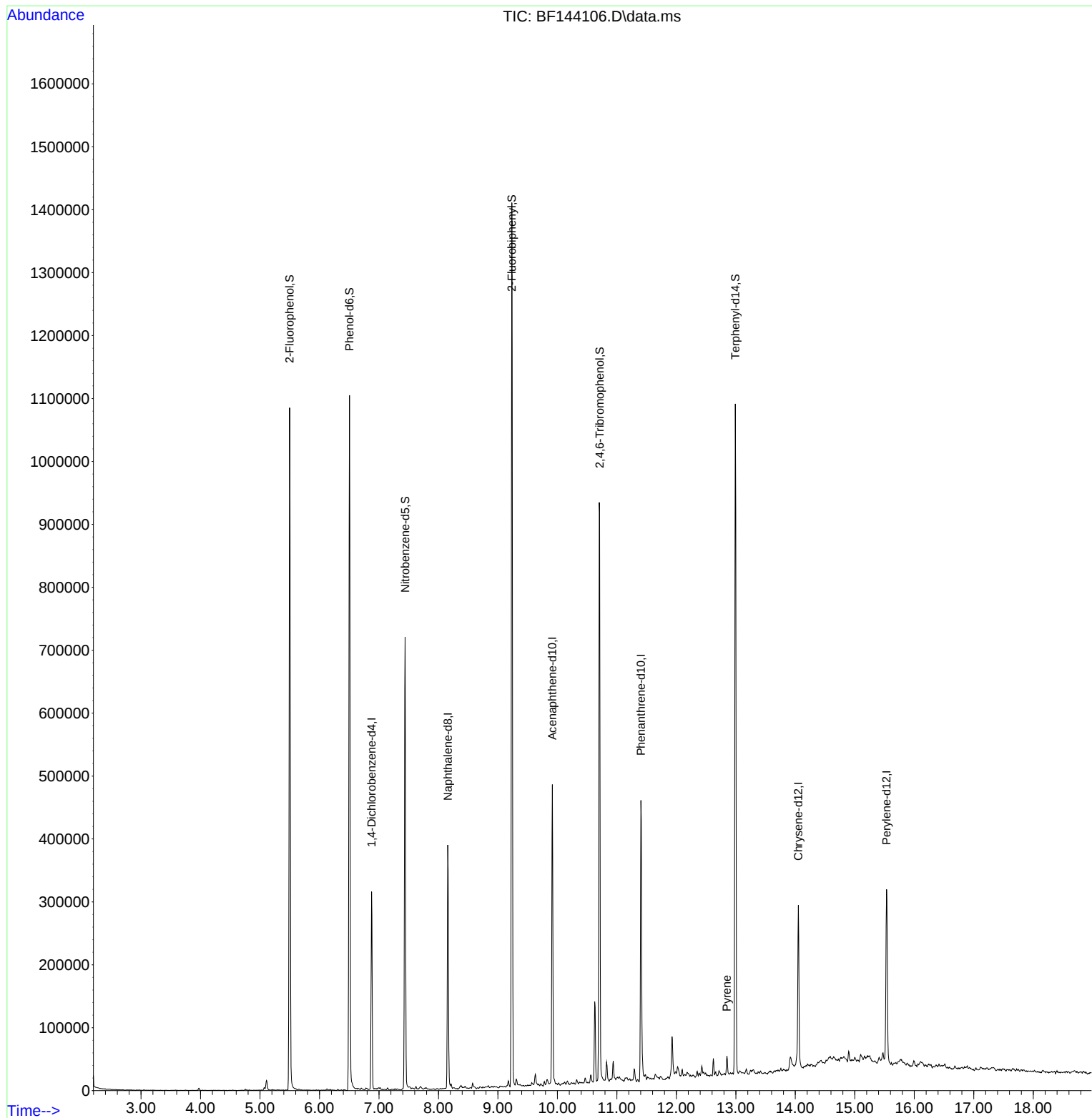
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	65453	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	248016	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	145676	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	242686	20.000	ng	0.00
76) Chrysene-d12	14.051	240	126847	20.000	ng	0.00
86) Perylene-d12	15.533	264	179897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	391672	94.674	ng	0.00
7) Phenol-d6	6.504	99	455555	99.706	ng	0.00
23) Nitrobenzene-d5	7.439	82	299877	66.243	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	188656	101.667	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	634513	61.293	ng	0.00
79) Terphenyl-d14	12.992	244	554862	76.472	ng	0.00
Target Compounds						
78) Pyrene	12.851	202	18545	2.034	ng	Qvalue 97

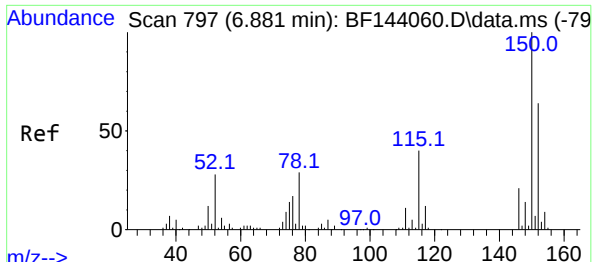
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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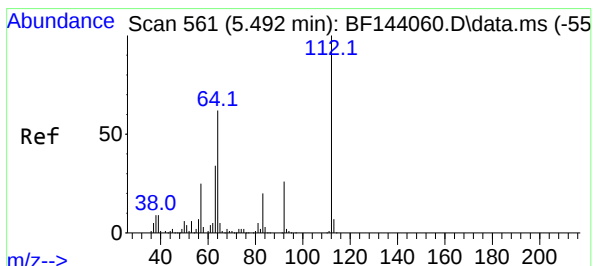
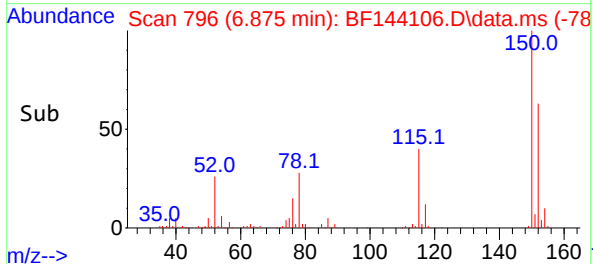
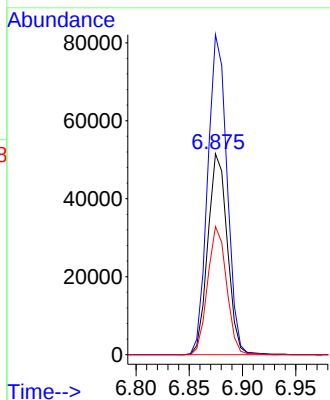
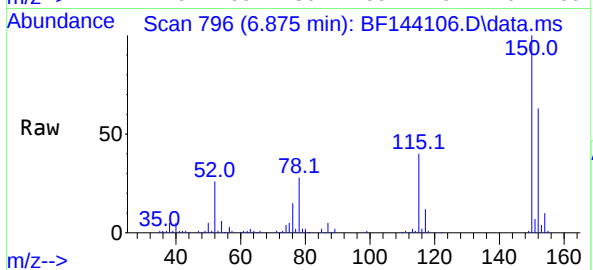




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF144106.D
Acq: 28 Oct 2025 17:44

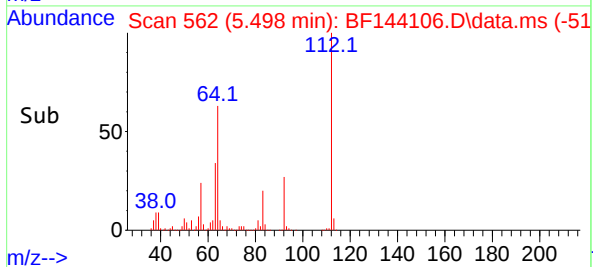
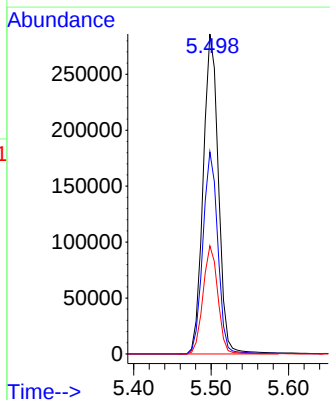
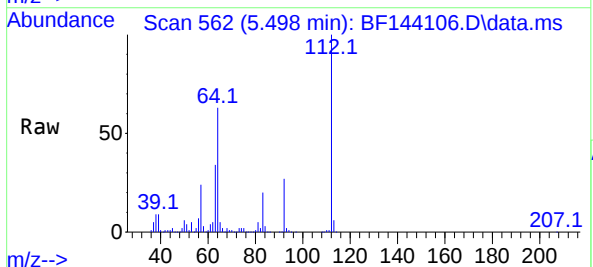
Instrument :
BNA_F
ClientSampleId :
PR132-WC1-20251022

Tgt Ion:152 Resp: 65453
Ion Ratio Lower Upper
152 100
150 159.3 124.4 186.6
115 63.8 49.4 74.0



#5
2-Fluorophenol
Concen: 94.674 ng
RT: 5.498 min Scan# 562
Delta R.T. 0.006 min
Lab File: BF144106.D
Acq: 28 Oct 2025 17:44

Tgt Ion:112 Resp: 391672
Ion Ratio Lower Upper
112 100
64 63.2 49.8 74.8
63 33.8 27.4 41.2

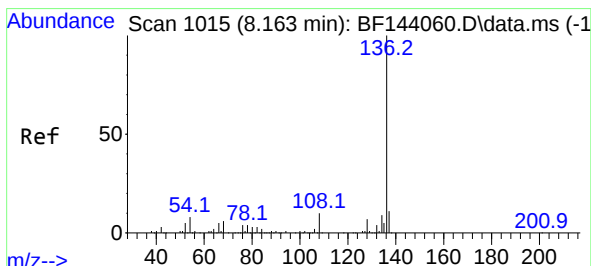
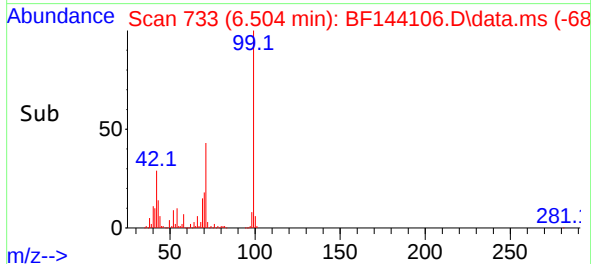
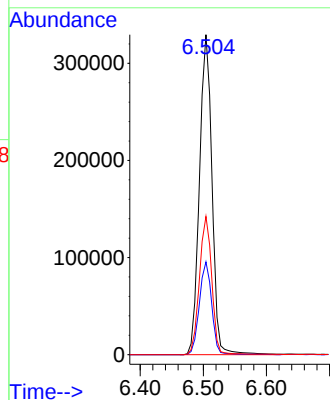
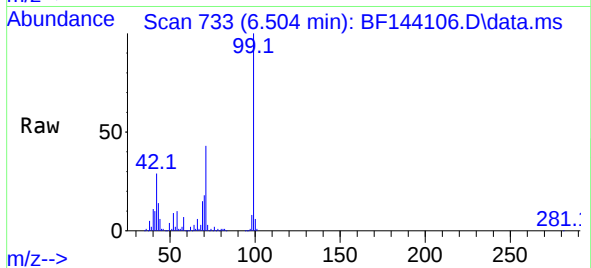




#7
Phenol-d6
Concen: 99.706 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF144106.D
Acq: 28 Oct 2025 17:44

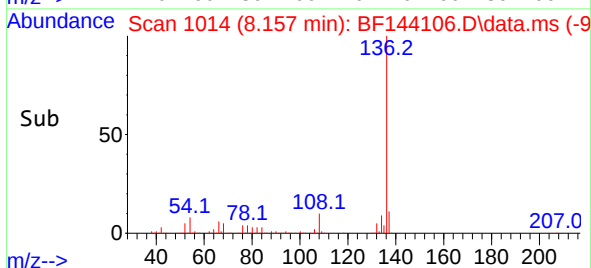
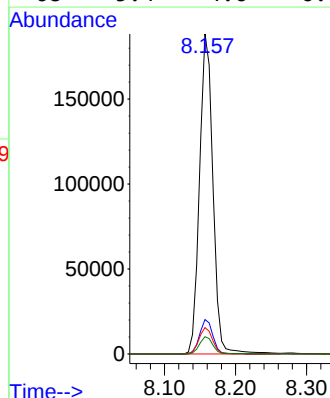
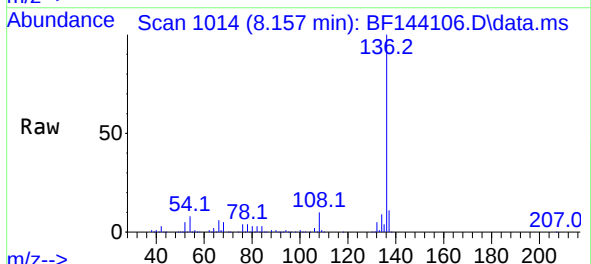
Instrument :
BNA_F
ClientSampleId :
PR132-WC1-20251022

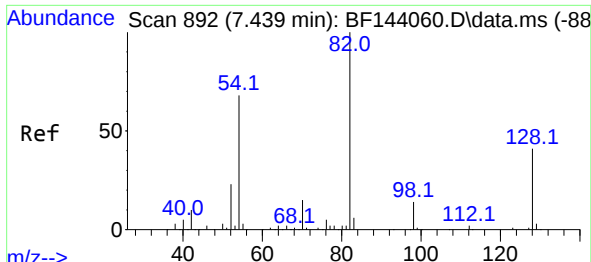
Tgt Ion:	99	Resp:	455555
Ion	Ratio	Lower	Upper
99	100		
42	29.0	23.9	35.9
71	43.2	34.4	51.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144106.D
Acq: 28 Oct 2025 17:44

Tgt Ion:	136	Resp:	248016
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.2	6.6	9.8
68	5.4	4.6	6.8

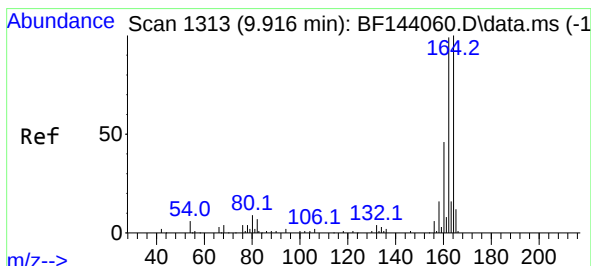
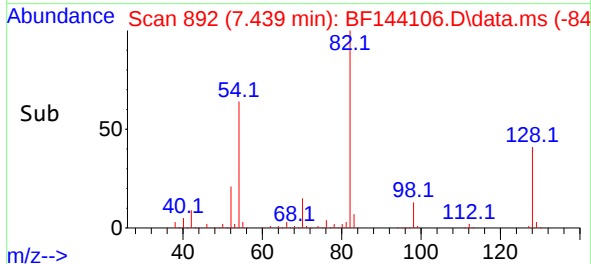
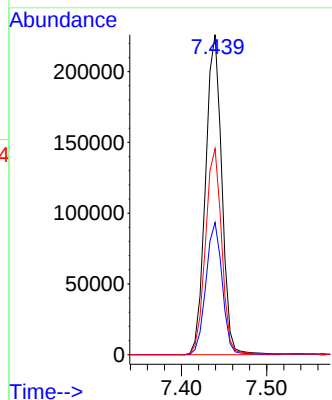
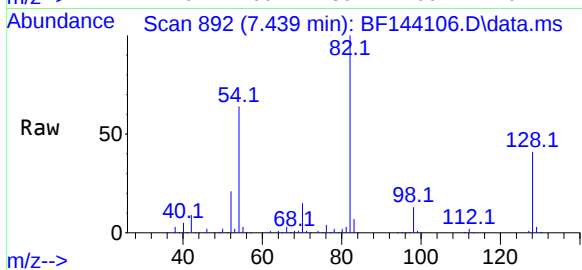




#23
Nitrobenzene-d5
Concen: 66.243 ng
RT: 7.439 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF144106.D
Acq: 28 Oct 2025 17:44

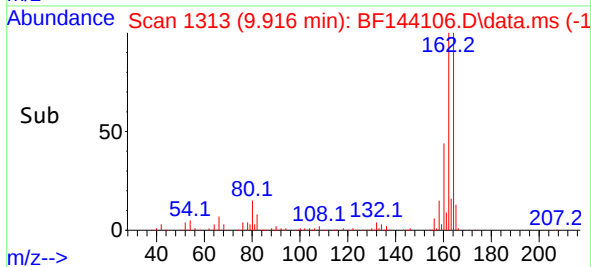
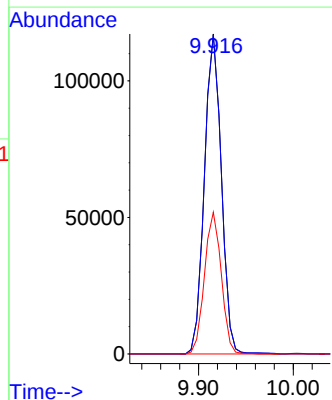
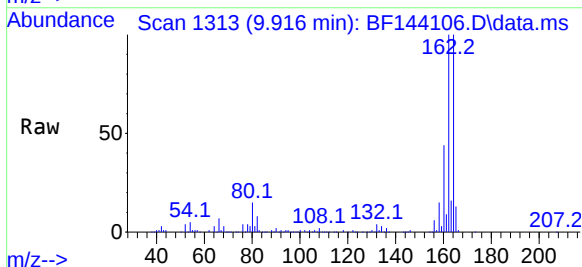
Instrument :
BNA_F
ClientSampleId :
PR132-WC1-20251022

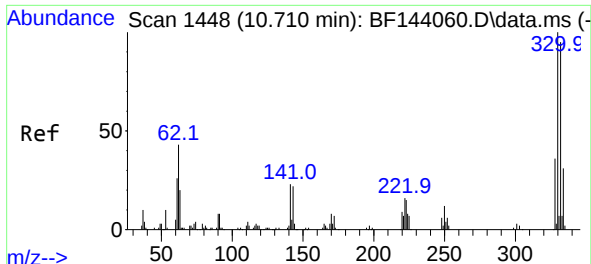
Tgt Ion: 82 Resp: 299877
Ion Ratio Lower Upper
82 100
128 41.3 32.4 48.6
54 64.4 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. -0.000 min
Lab File: BF144106.D
Acq: 28 Oct 2025 17:44

Tgt Ion:164 Resp: 145676
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.2
160 44.3 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 101.667 ng

RT: 10.710 min Scan# 1448

Delta R.T. -0.000 min

Lab File: BF144106.D

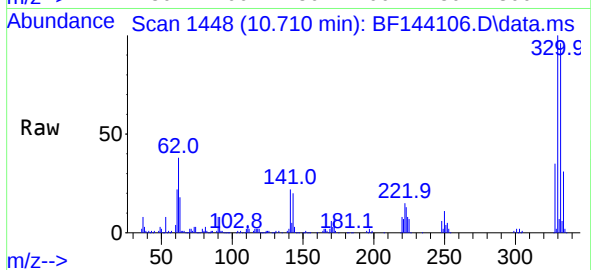
Acq: 28 Oct 2025 17:44

Instrument :

BNA_F

ClientSampleId :

PR132-WC1-20251022



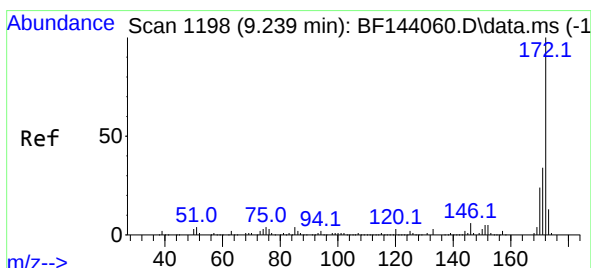
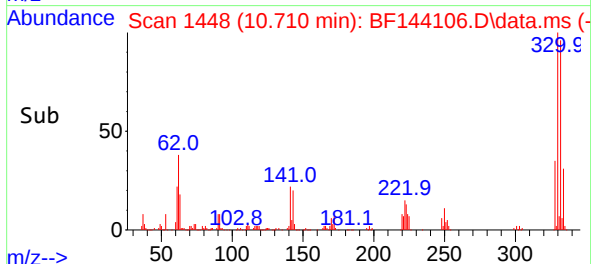
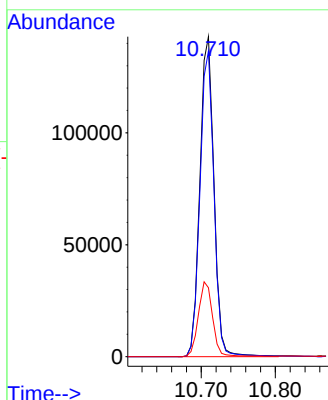
Tgt Ion:330 Resp: 188656

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.6

141 23.9 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 61.293 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144106.D

Acq: 28 Oct 2025 17:44

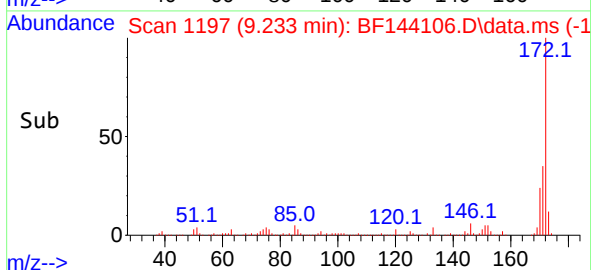
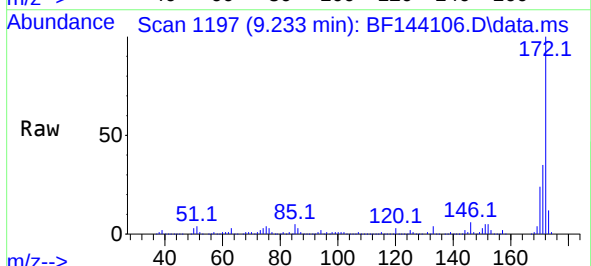
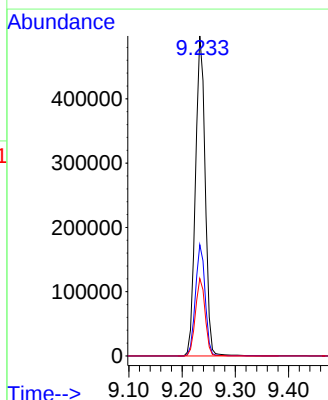
Tgt Ion:172 Resp: 634513

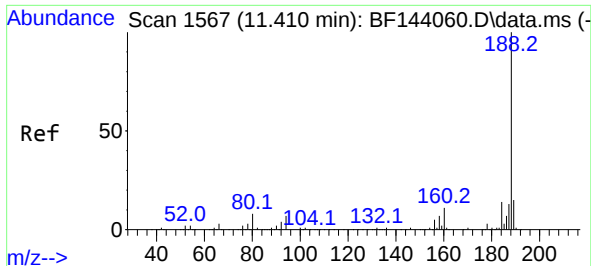
Ion Ratio Lower Upper

172 100

171 34.8 27.5 41.3

170 24.2 19.0 28.6

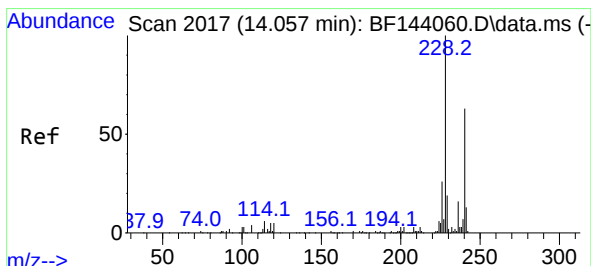
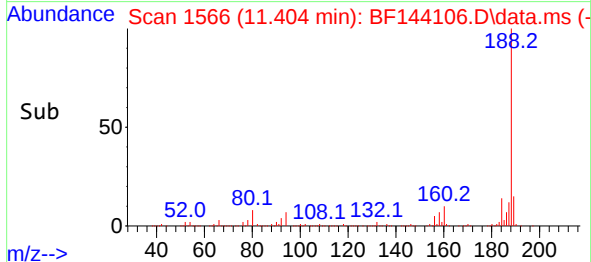
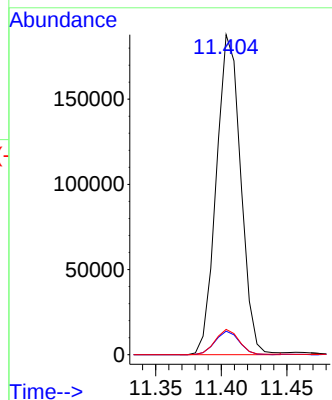
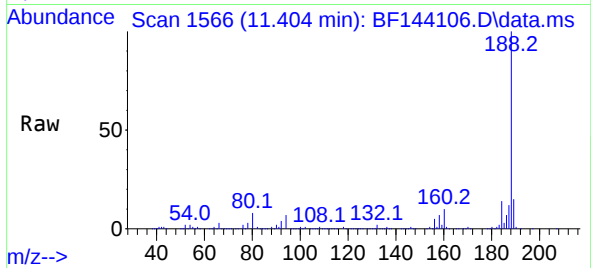




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF144106.D
Acq: 28 Oct 2025 17:44

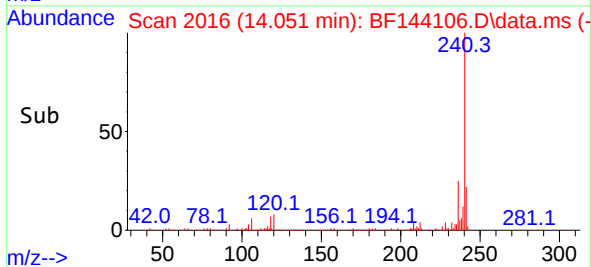
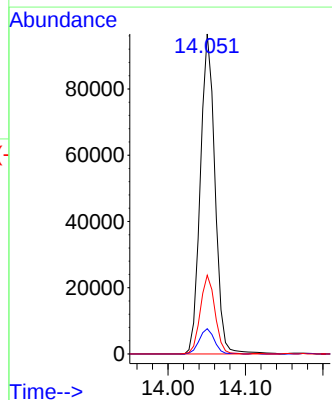
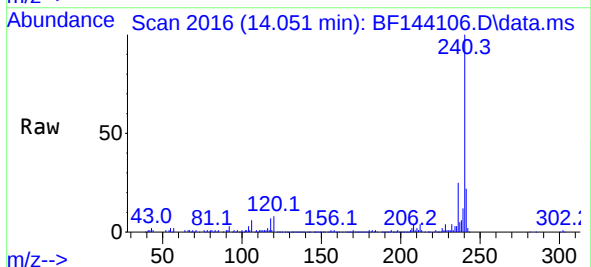
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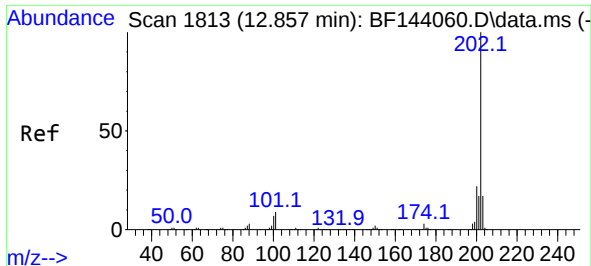
Tgt Ion:188 Resp: 242686
Ion Ratio Lower Upper
188 100
94 7.4 5.4 8.0
80 7.9 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144106.D
Acq: 28 Oct 2025 17:44

Tgt Ion:240 Resp: 126847
Ion Ratio Lower Upper
240 100
120 7.9 6.5 9.7
236 24.6 20.1 30.1

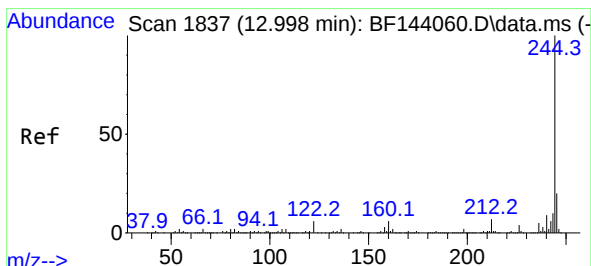
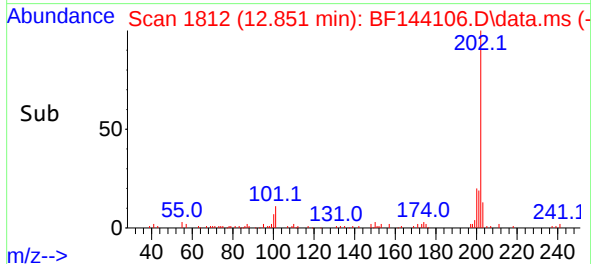
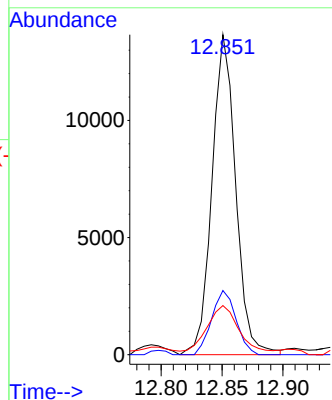
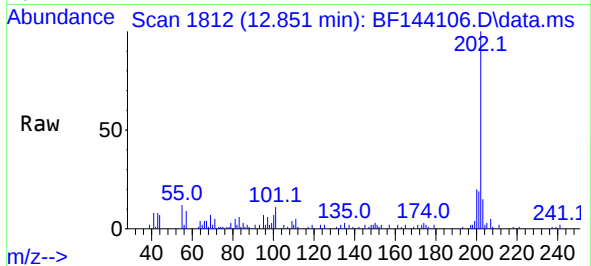




#78
Pyrene
Concen: 2.034 ng
RT: 12.851 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF144106.D
Acq: 28 Oct 2025 17:44

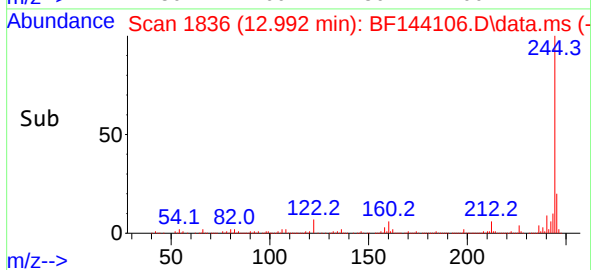
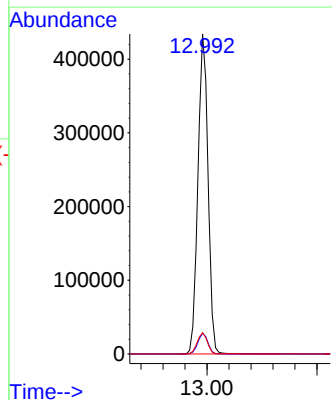
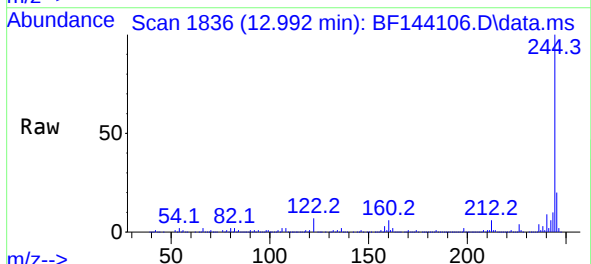
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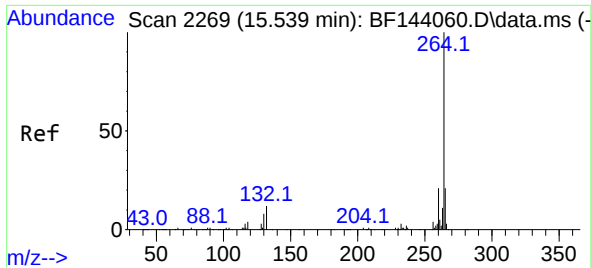
Tgt Ion:202 Resp: 18545
Ion Ratio Lower Upper
202 100
200 20.0 17.2 25.8
203 15.3 13.5 20.3



#79
Terphenyl-d14
Concen: 76.472 ng
RT: 12.992 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BF144106.D
Acq: 28 Oct 2025 17:44

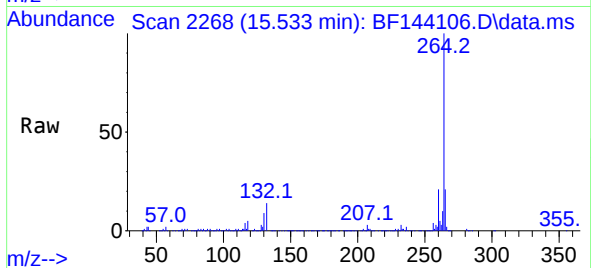
Tgt Ion:244 Resp: 554862
Ion Ratio Lower Upper
244 100
212 6.5 5.8 8.6
122 6.6 4.9 7.3





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF144106.D
Acq: 28 Oct 2025 17:44

Instrument :
BNA_F
ClientSampleId :
PR132-WC1-20251022



Tgt Ion:264 Resp: 179897

Ion	Ratio	Lower	Upper
264	100		
260	21.4	17.0	25.4
265	21.0	16.6	24.8

