

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102925\
 Data File : BF144132.D
 Acq On : 29 Oct 2025 17:02
 Operator : RC/JU
 Sample : Q3434-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PR132-WC2-20251022

Quant Time: Oct 29 17:30:35 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	59068	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	222374	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	127295	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	211645	20.000	ng	0.00
76) Chrysene-d12	14.051	240	165479	20.000	ng	0.00
86) Perylene-d12	15.533	264	206243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	310598	83.192	ng	0.00
7) Phenol-d6	6.498	99	255503	61.966	ng	0.00
23) Nitrobenzene-d5	7.439	82	373695	92.069	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	223716	137.969	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	785918	86.881	ng	0.00
79) Terphenyl-d14	12.992	244	784373	82.866	ng	0.00

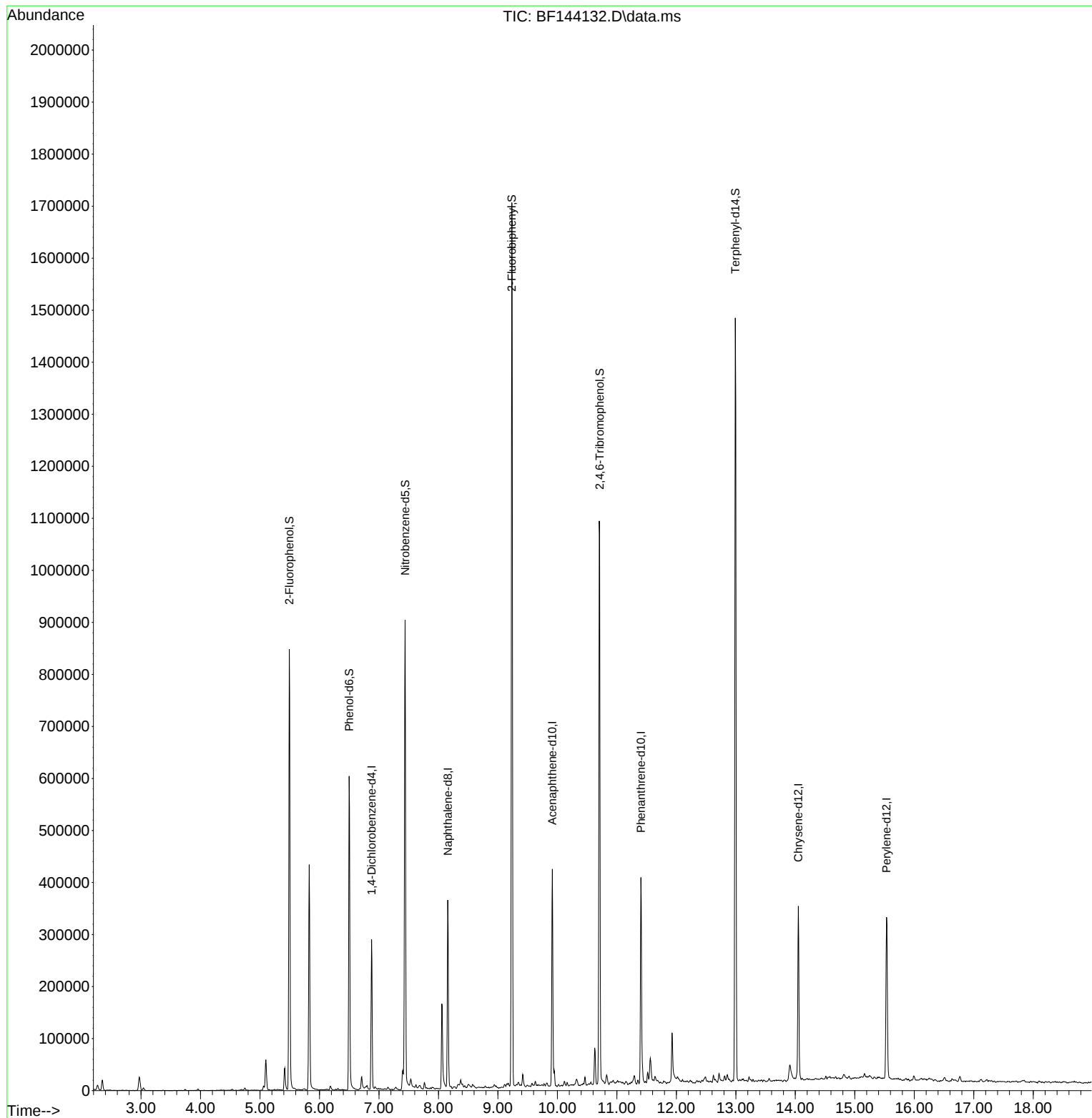
Target Compounds	Qvalue

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

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Quant Time: Oct 29 17:30:35 2025
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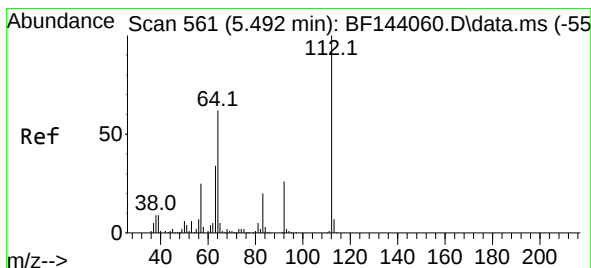
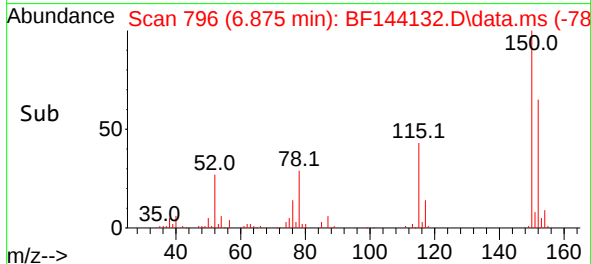
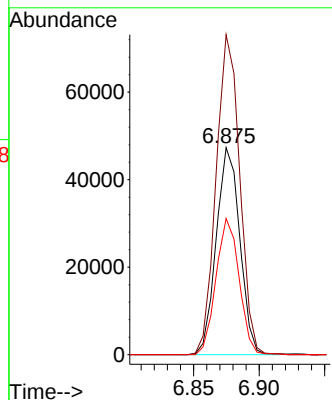
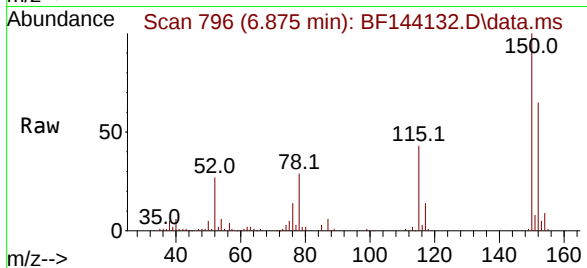




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

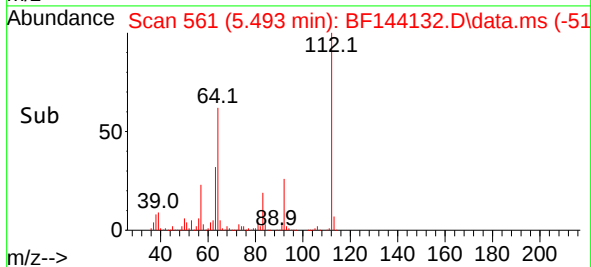
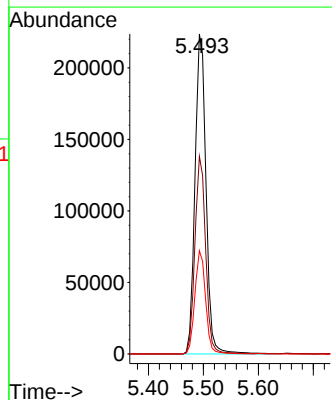
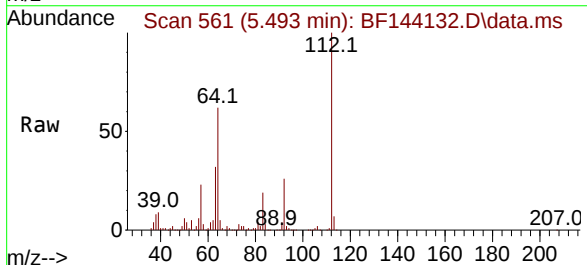
Instrument :
BNA_F
ClientSampleId :
PR132-WC2-20251022

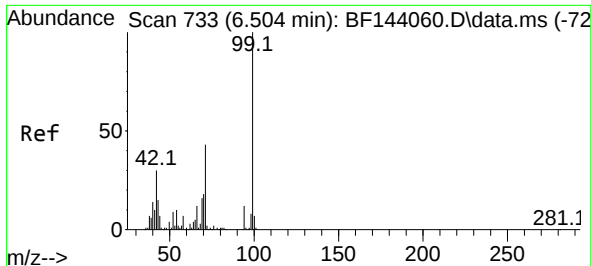
Tgt Ion:152 Resp: 59068
Ion Ratio Lower Upper
152 100
150 154.5 124.4 186.6
115 65.8 49.4 74.0



#5
2-Fluorophenol
Concen: 83.192 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

Tgt Ion:112 Resp: 310598
Ion Ratio Lower Upper
112 100
64 61.7 49.8 74.8
63 32.3 27.4 41.2



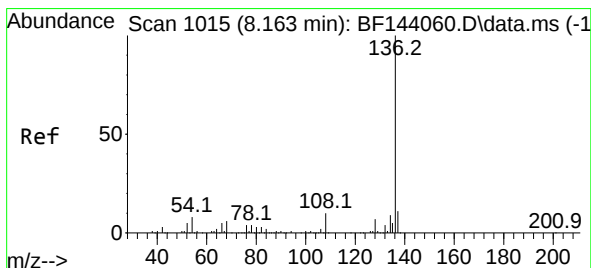
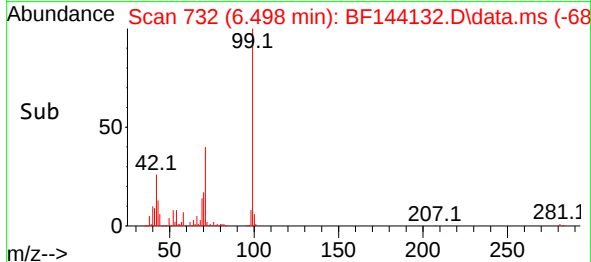
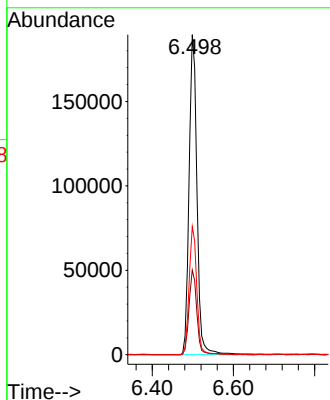
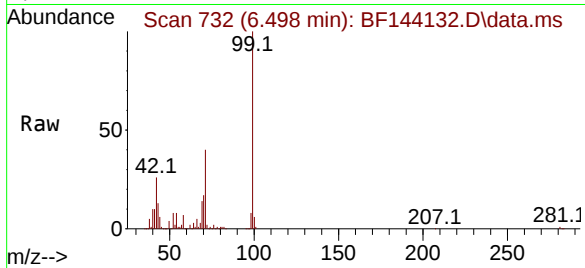


#7
Phenol-d6
Concen: 61.966 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

Instrument :
BNA_F
ClientSampleId :
PR132-WC2-20251022

Tgt Ion: 99 Resp: 255503

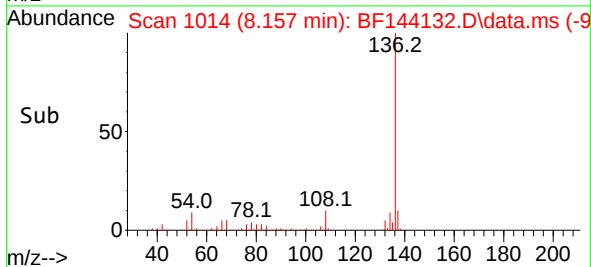
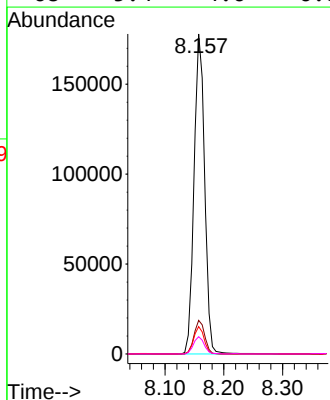
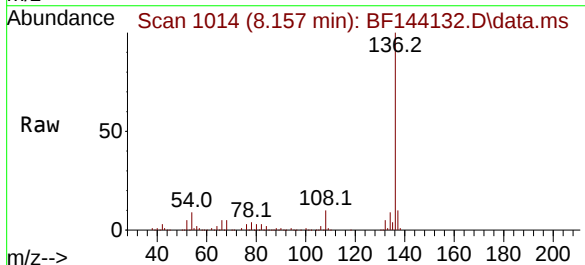
Ion	Ratio	Lower	Upper
99	100		
42	26.5	23.9	35.9
71	40.1	34.4	51.6

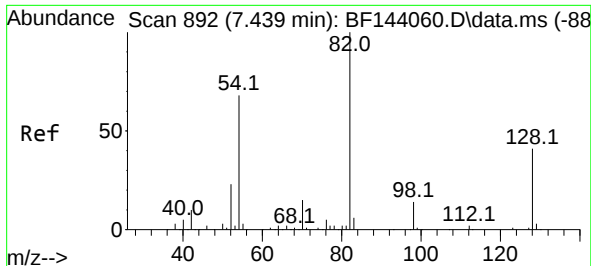


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

Tgt Ion: 136 Resp: 222374

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.6	6.6	9.8
68	5.4	4.6	6.8

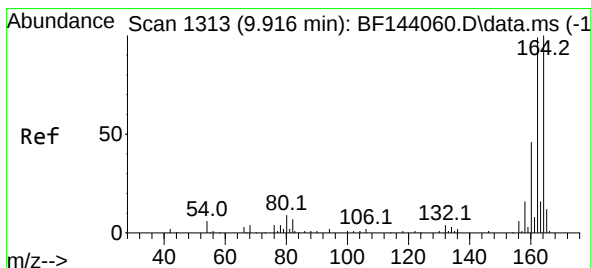
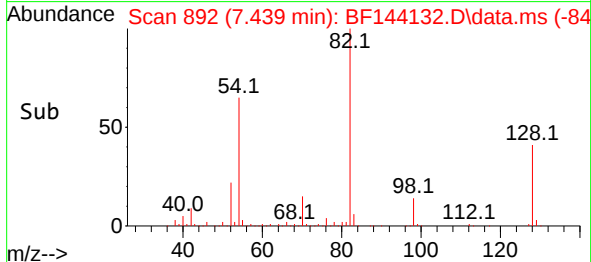
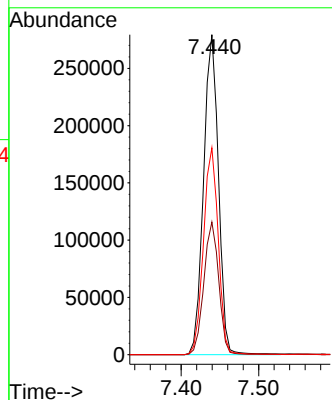
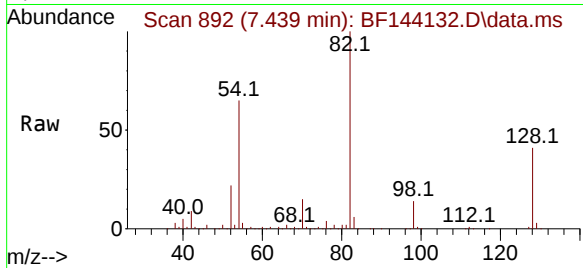




#23
Nitrobenzene-d5
Concen: 92.069 ng
RT: 7.439 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

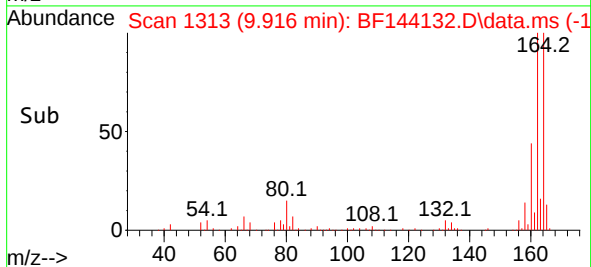
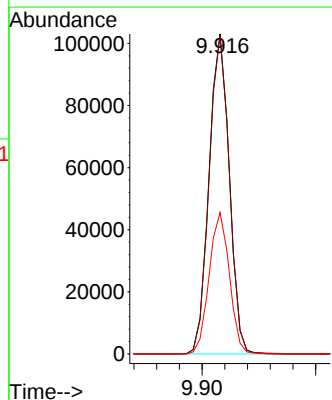
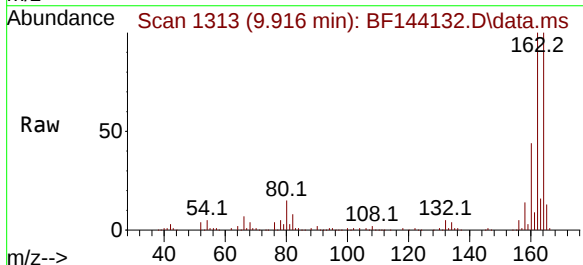
Instrument :
BNA_F
ClientSampleId :
PR132-WC2-20251022

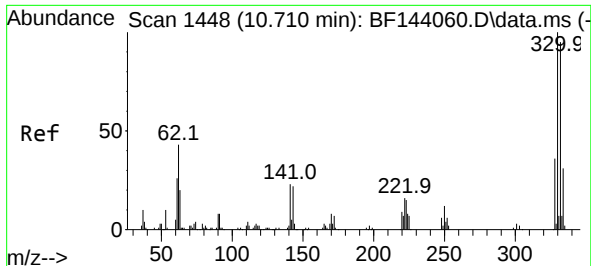
Tgt Ion: 82 Resp: 373695
Ion Ratio Lower Upper
82 100
128 41.4 32.4 48.6
54 64.6 54.0 81.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1313
Delta R.T. 0.000 min
Lab File: BF144132.D
Acq: 29 Oct 2025 17:02

Tgt Ion:164 Resp: 127295
Ion Ratio Lower Upper
164 100
162 99.7 79.4 119.2
160 44.2 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 137.969 ng

RT: 10.710 min Scan# 1448

Delta R.T. 0.000 min

Lab File: BF144132.D

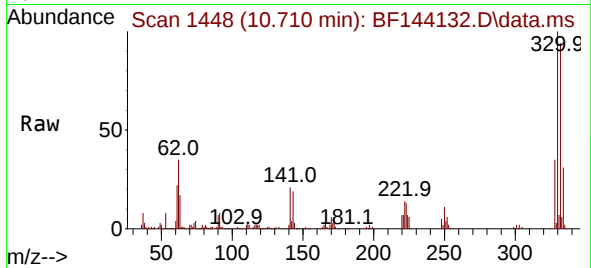
Acq: 29 Oct 2025 17:02

Instrument :

BNA_F

ClientSampleId :

PR132-WC2-20251022



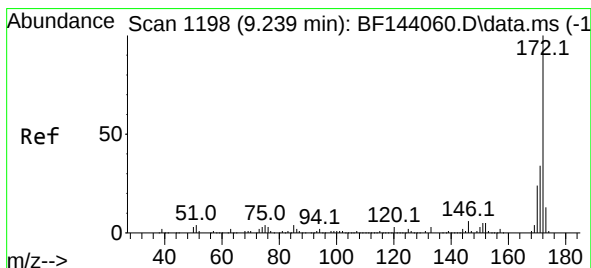
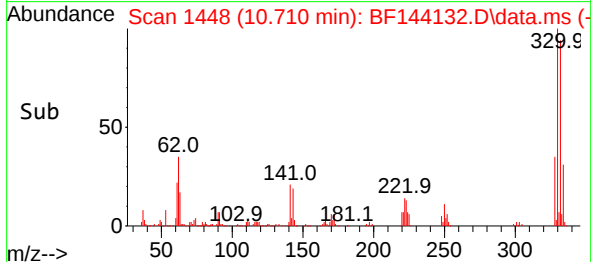
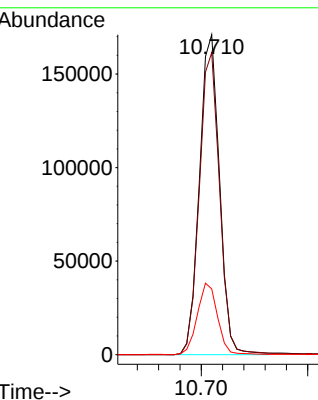
Tgt Ion:330 Resp: 223716

Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.6

141 22.7 19.4 29.0



#45

2-Fluorobiphenyl

Concen: 86.881 ng

RT: 9.233 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF144132.D

Acq: 29 Oct 2025 17:02

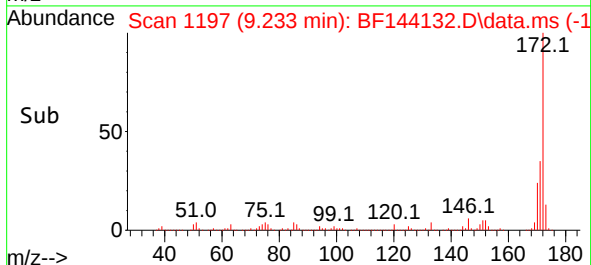
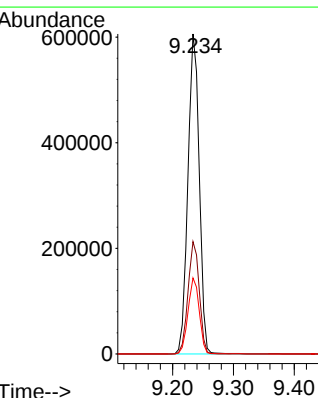
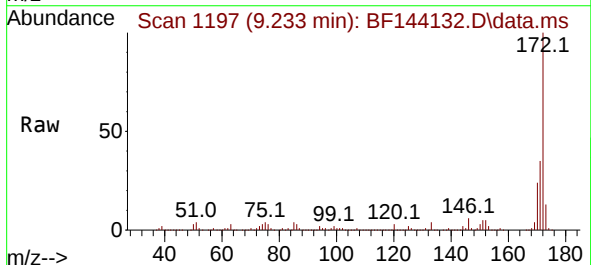
Tgt Ion:172 Resp: 785918

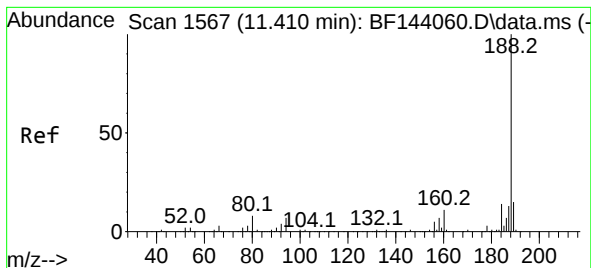
Ion Ratio Lower Upper

172 100

171 35.1 27.5 41.3

170 23.7 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: BF144132.D

Acq: 29 Oct 2025 17:02

Instrument :

BNA_F

ClientSampleId :

PR132-WC2-20251022

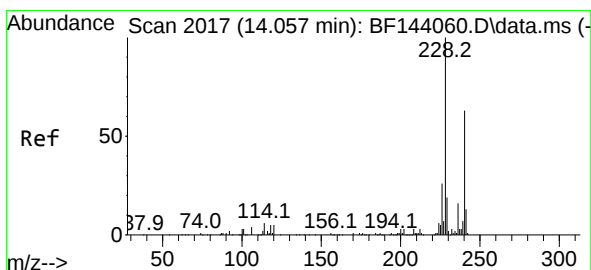
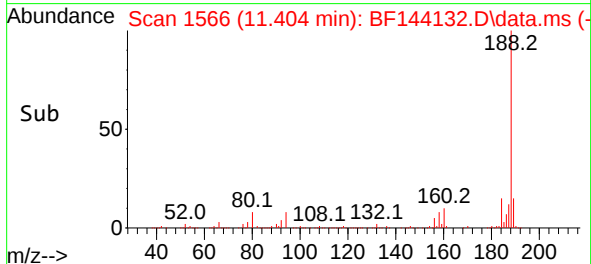
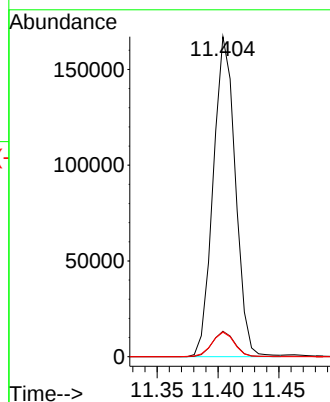
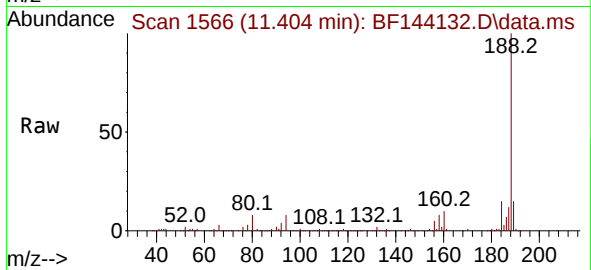
Tgt Ion:188 Resp: 211645

Ion Ratio Lower Upper

188 100

94 7.9 5.4 8.0

80 7.7 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: BF144132.D

Acq: 29 Oct 2025 17:02

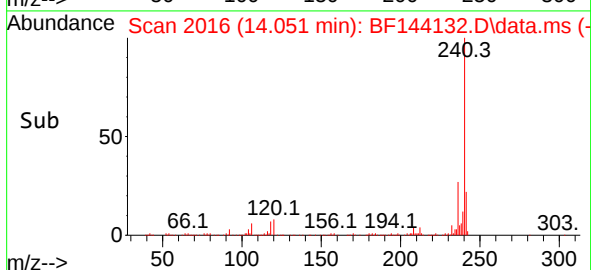
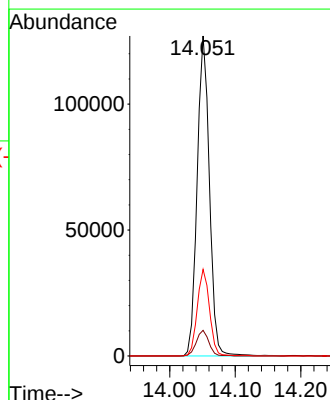
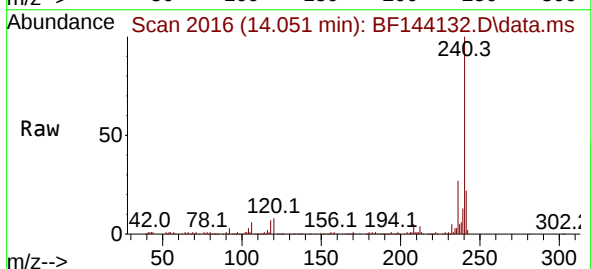
Tgt Ion:240 Resp: 165479

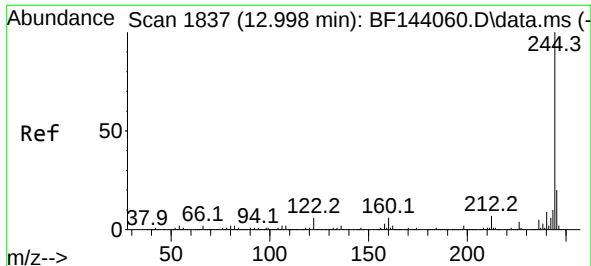
Ion Ratio Lower Upper

240 100

120 8.0 6.5 9.7

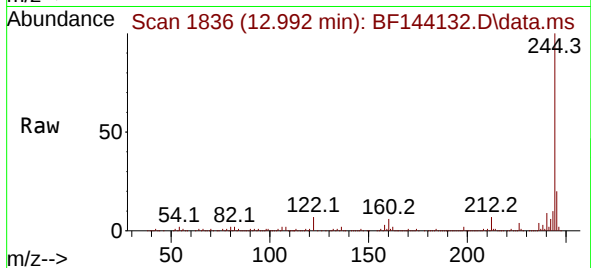
236 27.0 20.1 30.1



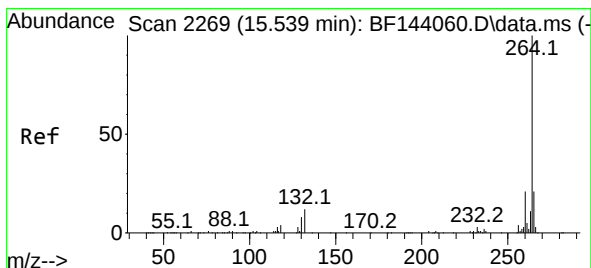
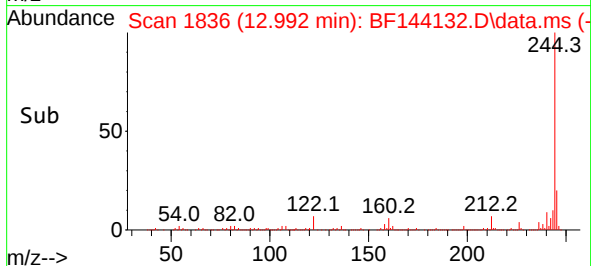
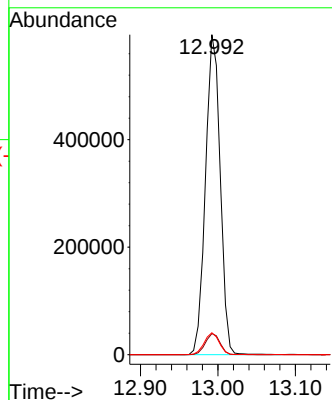


#79
 Terphenyl-d14
 Concen: 82.866 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144132.D
 Acq: 29 Oct 2025 17:02

Instrument :
 BNA_F
 ClientSampleId :
 PR132-WC2-20251022



Tgt Ion:244 Resp: 784373
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.8 8.6
 122 6.8 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2268
 Delta R.T. -0.006 min
 Lab File: BF144132.D
 Acq: 29 Oct 2025 17:02

Tgt Ion:264 Resp: 206243
 Ion Ratio Lower Upper
 264 100
 260 22.4 17.0 25.4
 265 22.5 16.6 24.8

