

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142867.D
Acq On : 26 Jun 2025 14:37
Operator : RC/JU
Sample : Q2399-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-13

Quant Time: Jun 26 14:58:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	82162	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	312463	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	167417	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	284793	20.000	ng	0.00
76) Chrysene-d12	14.051	240	144672	20.000	ng	0.00
86) Perylene-d12	15.539	264	159435	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	539704	109.365	ng	0.01
7) Phenol-d6	6.504	99	597384	102.605	ng	0.00
23) Nitrobenzene-d5	7.439	82	442222	77.629	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	218652	126.914	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	948871	74.455	ng	-0.01
79) Terphenyl-d14	12.992	244	869884	83.079	ng	0.00

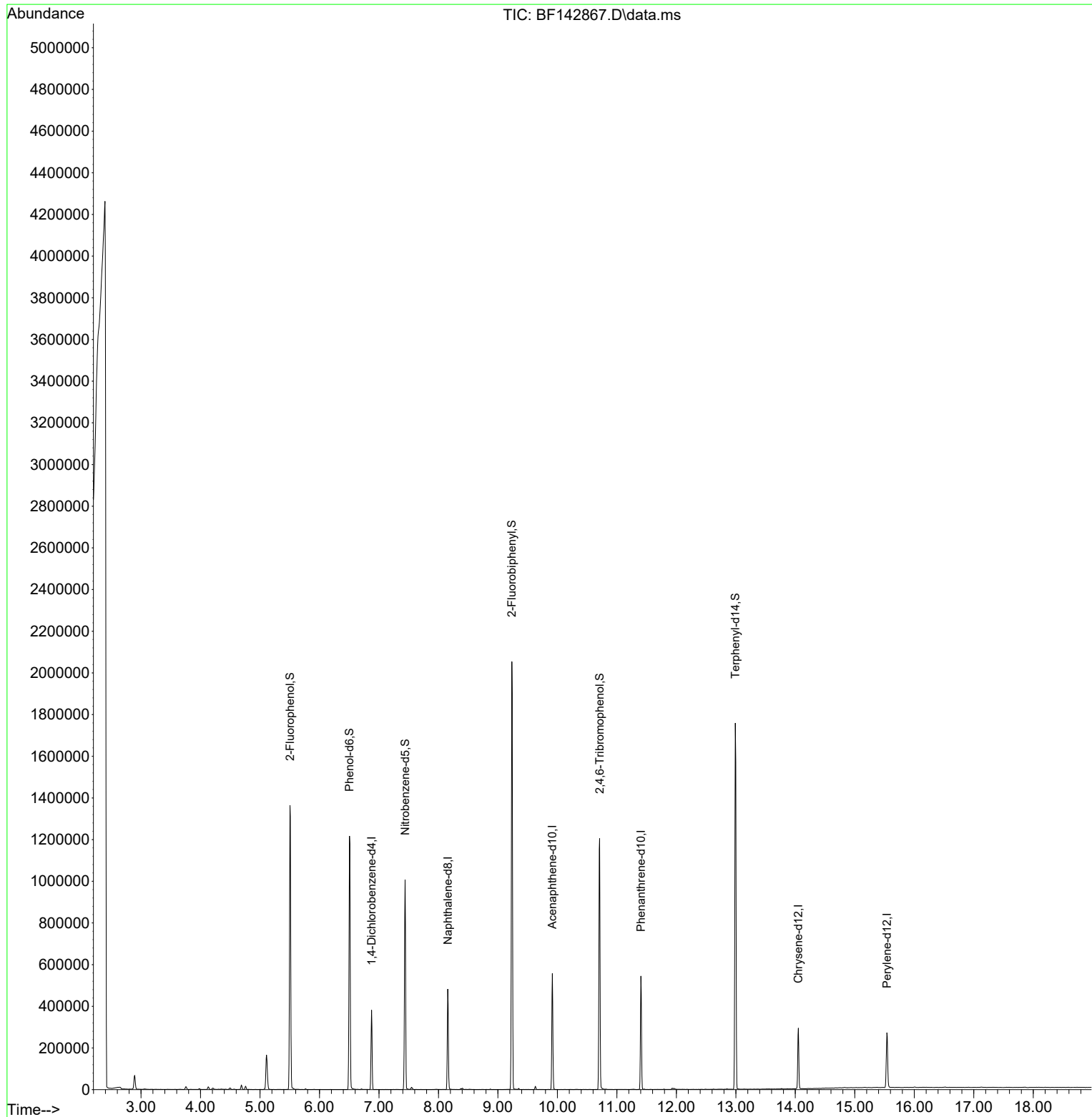
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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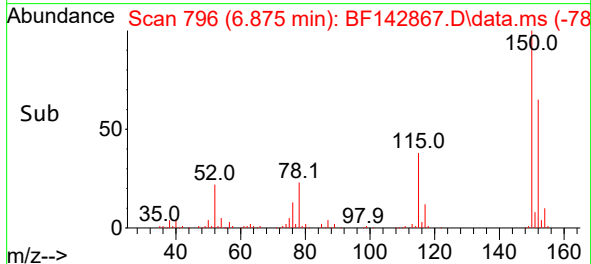
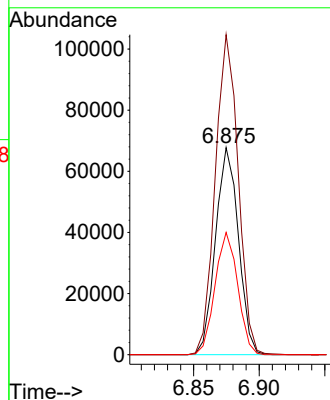
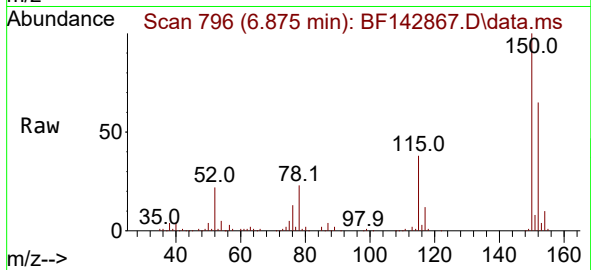




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF142867.D
Acq: 26 Jun 2025 14:37

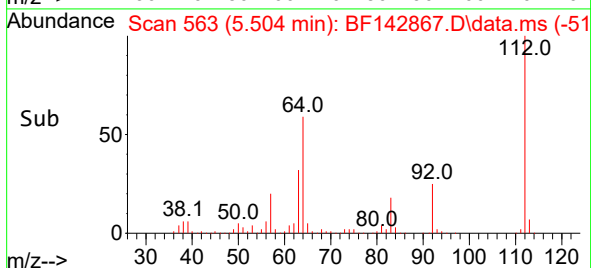
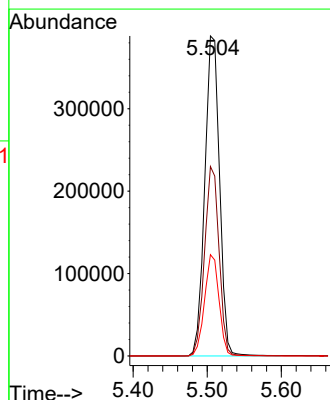
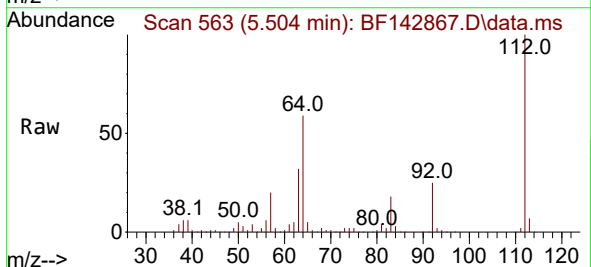
Instrument :
BNA_F
ClientSampleId :
TP-13

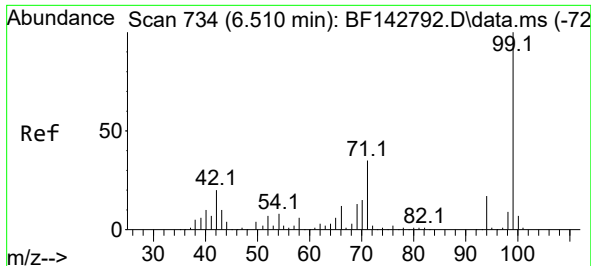
Tgt Ion:152 Resp: 82162
Ion Ratio Lower Upper
152 100
150 154.5 127.2 190.8
115 59.0 46.6 69.8



#5
2-Fluorophenol
Concen: 109.365 ng
RT: 5.504 min Scan# 563
Delta R.T. 0.012 min
Lab File: BF142867.D
Acq: 26 Jun 2025 14:37

Tgt Ion:112 Resp: 539704
Ion Ratio Lower Upper
112 100
64 59.2 48.2 72.2
63 31.7 25.7 38.5

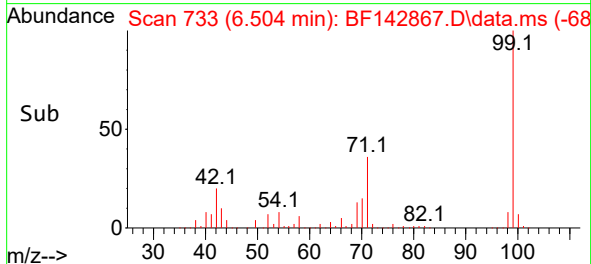
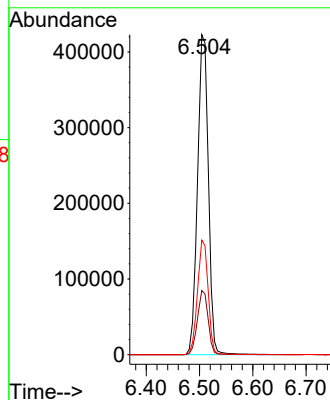
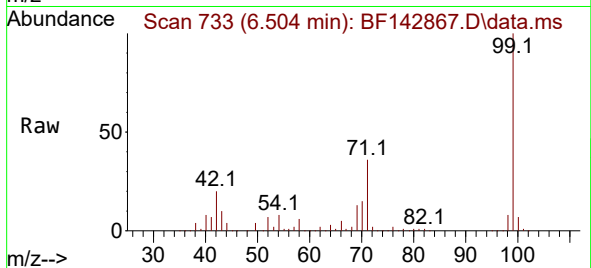




#7
Phenol-d6
Concen: 102.605 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142867.D
Acq: 26 Jun 2025 14:37

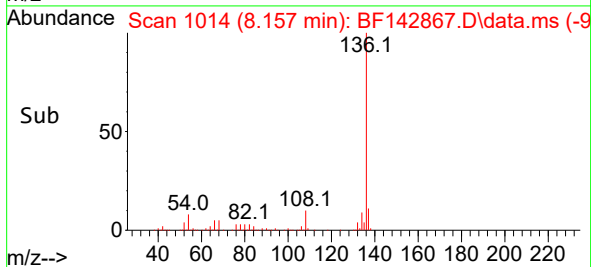
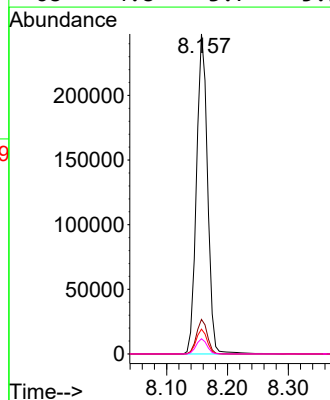
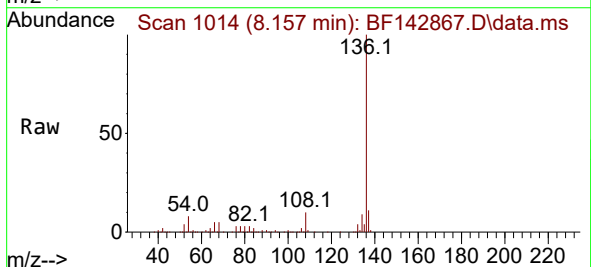
Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion: 99 Resp: 597384
Ion Ratio Lower Upper
99 100
42 20.1 15.9 23.9
71 35.8 27.8 41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF142867.D
Acq: 26 Jun 2025 14:37

Tgt Ion: 136 Resp: 312463
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 7.7 6.3 9.5
68 4.8 3.7 5.5





#23

Nitrobenzene-d5

Concen: 77.629 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142867.D

Acq: 26 Jun 2025 14:37

Instrument :

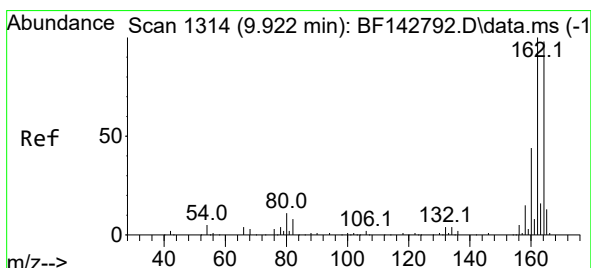
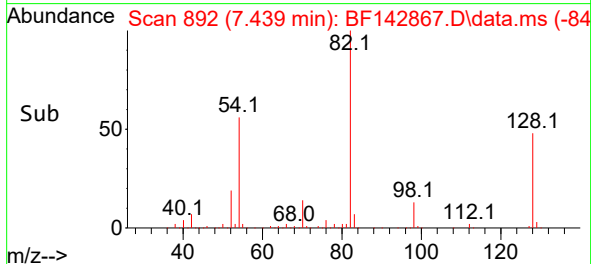
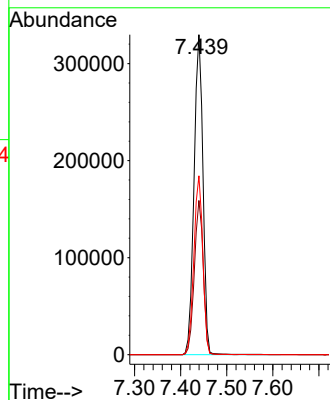
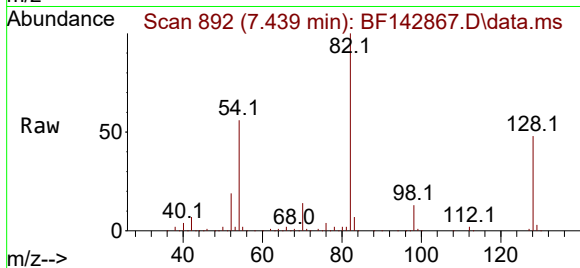
BNA_F

ClientSampleId :

TP-13

Tgt Ion: 82 Resp: 442222

Ion	Ratio	Lower	Upper
82	100		
128	48.2	37.7	56.5
54	55.9	45.7	68.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

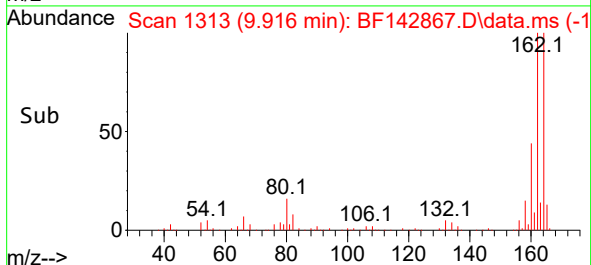
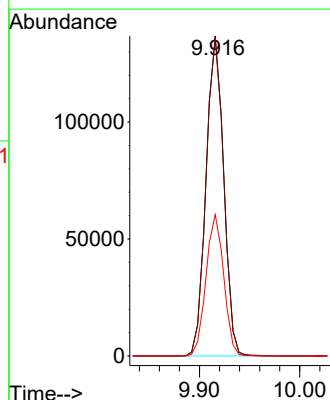
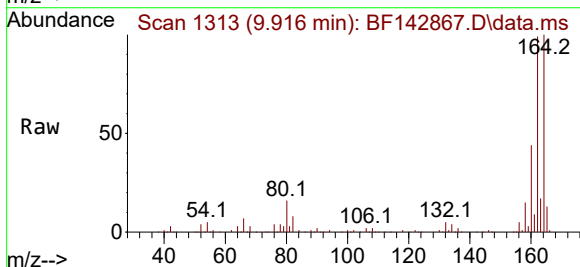
Delta R.T. -0.006 min

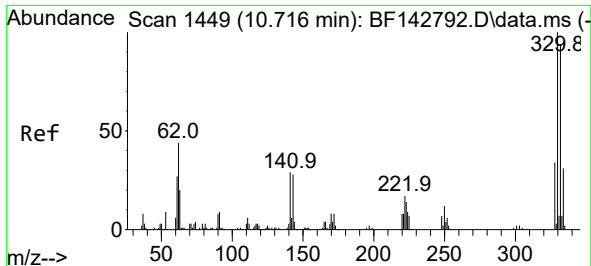
Lab File: BF142867.D

Acq: 26 Jun 2025 14:37

Tgt Ion:164 Resp: 167417

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.8	122.8
160	44.2	36.0	54.0

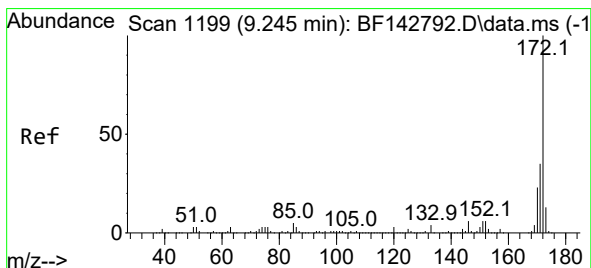
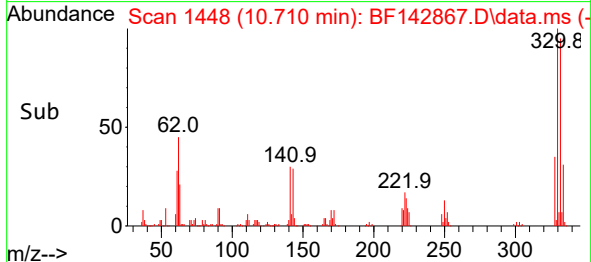
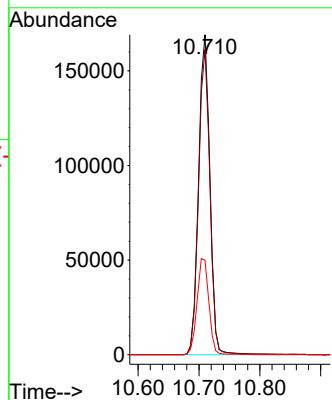
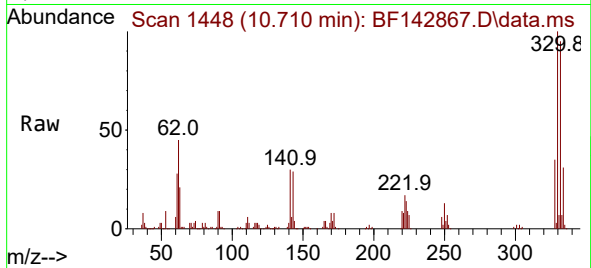




#42
2,4,6-Tribromophenol
Concen: 126.914 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142867.D
Acq: 26 Jun 2025 14:37

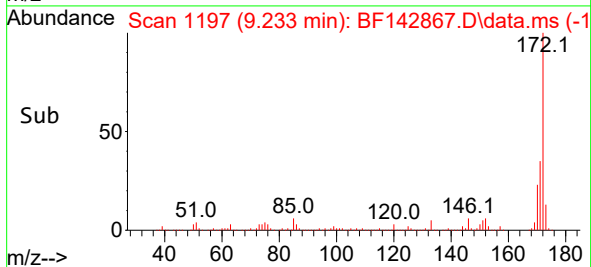
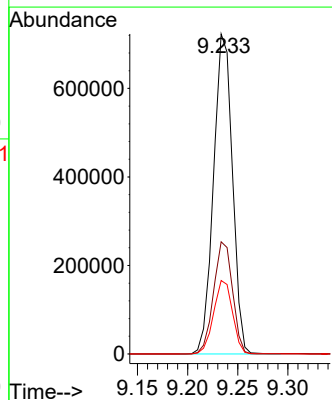
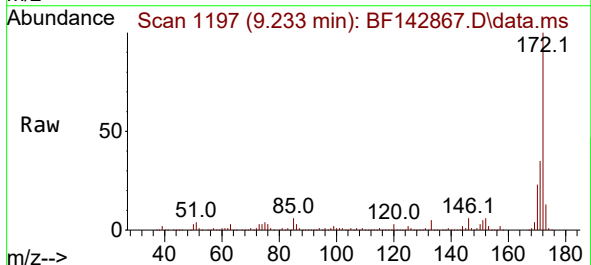
Instrument :
BNA_F
ClientSampleId :
TP-13

Tgt Ion:330 Resp: 218652
Ion Ratio Lower Upper
330 100
332 95.5 75.0 112.6
141 31.3 25.3 37.9



#45
2-Fluorobiphenyl
Concen: 74.455 ng
RT: 9.233 min Scan# 1197
Delta R.T. -0.012 min
Lab File: BF142867.D
Acq: 26 Jun 2025 14:37

Tgt Ion:172 Resp: 948871
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.0 18.5 27.7

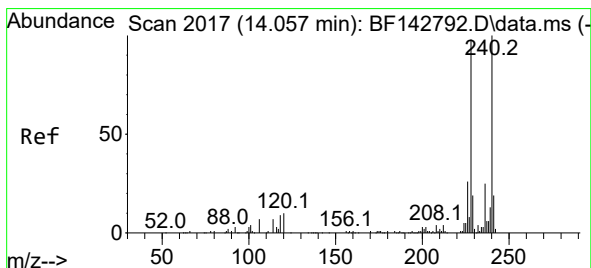
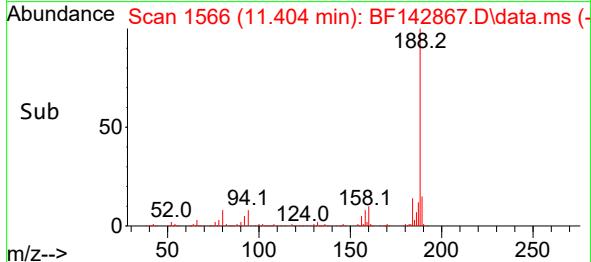
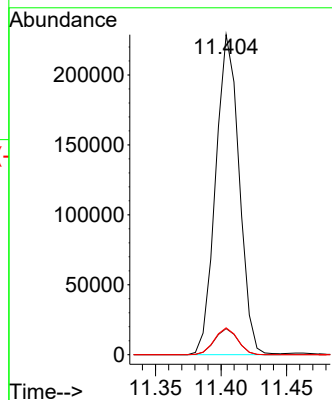
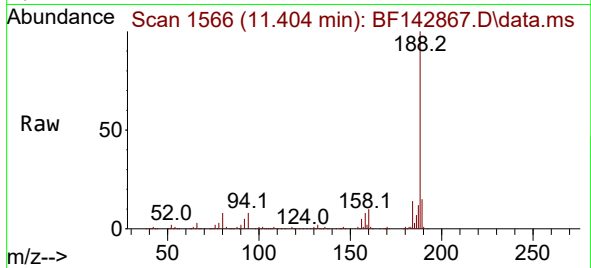




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142867.D
Acq: 26 Jun 2025 14:37

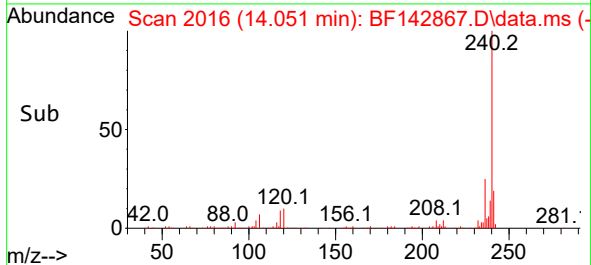
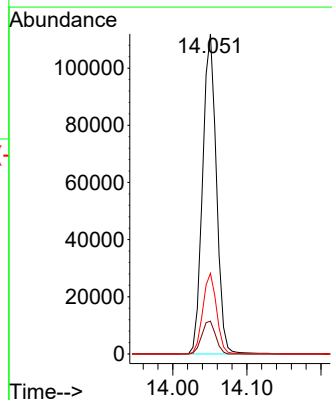
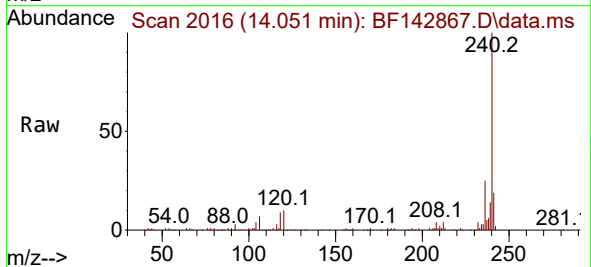
Instrument :
BNA_F
ClientSampleId :
TP-13

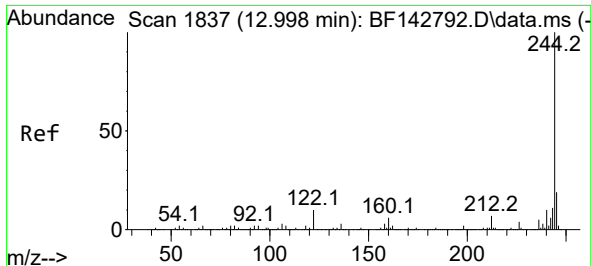
Tgt Ion:188 Resp: 284793
Ion Ratio Lower Upper
188 100
94 8.2 6.7 10.1
80 8.4 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142867.D
Acq: 26 Jun 2025 14:37

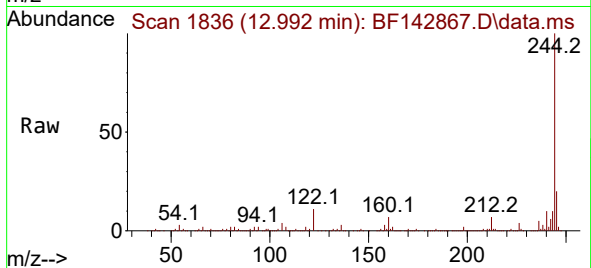
Tgt Ion:240 Resp: 144672
Ion Ratio Lower Upper
240 100
120 10.3 8.2 12.2
236 25.2 19.8 29.8



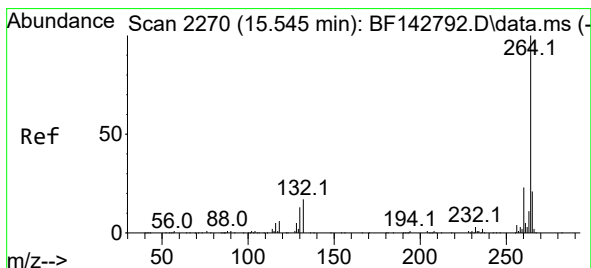
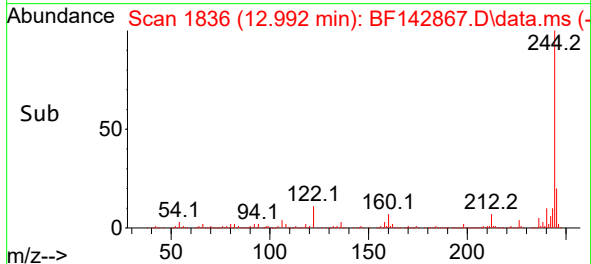
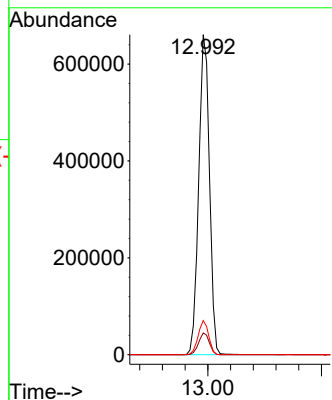


#79
 Terphenyl-d14
 Concen: 83.079 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142867.D
 Acq: 26 Jun 2025 14:37

Instrument :
 BNA_F
 ClientSampleId :
 TP-13



Tgt Ion:244 Resp: 869884
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 10.6 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF142867.D
 Acq: 26 Jun 2025 14:37

Tgt Ion:264 Resp: 159435
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.1 27.1
 265 21.9 16.6 25.0

