

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052225\
 Data File : BF142506.D
 Acq On : 22 May 2025 13:11
 Operator : RC/JU
 Sample : Q2074-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-18

Quant Time: May 22 13:53:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	114998	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	438934	20.000	ng	0.00
39) Acenaphthene-d10	9.934	164	234734	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	406523	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	207782	20.000	ng	-0.01
86) Perylene-d12	15.557	264	225144	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	531675	77.892	ng	0.00
7) Phenol-d6	6.516	99	667202	81.201	ng	-0.02
23) Nitrobenzene-d5	7.457	82	369353	45.885	ng	-0.02
42) 2,4,6-Tribromophenol	10.722	330	218064	83.702	ng	-0.02
45) 2-Fluorobiphenyl	9.251	172	785241	44.888	ng	-0.02
79) Terphenyl-d14	13.010	244	772849	50.829	ng	0.00

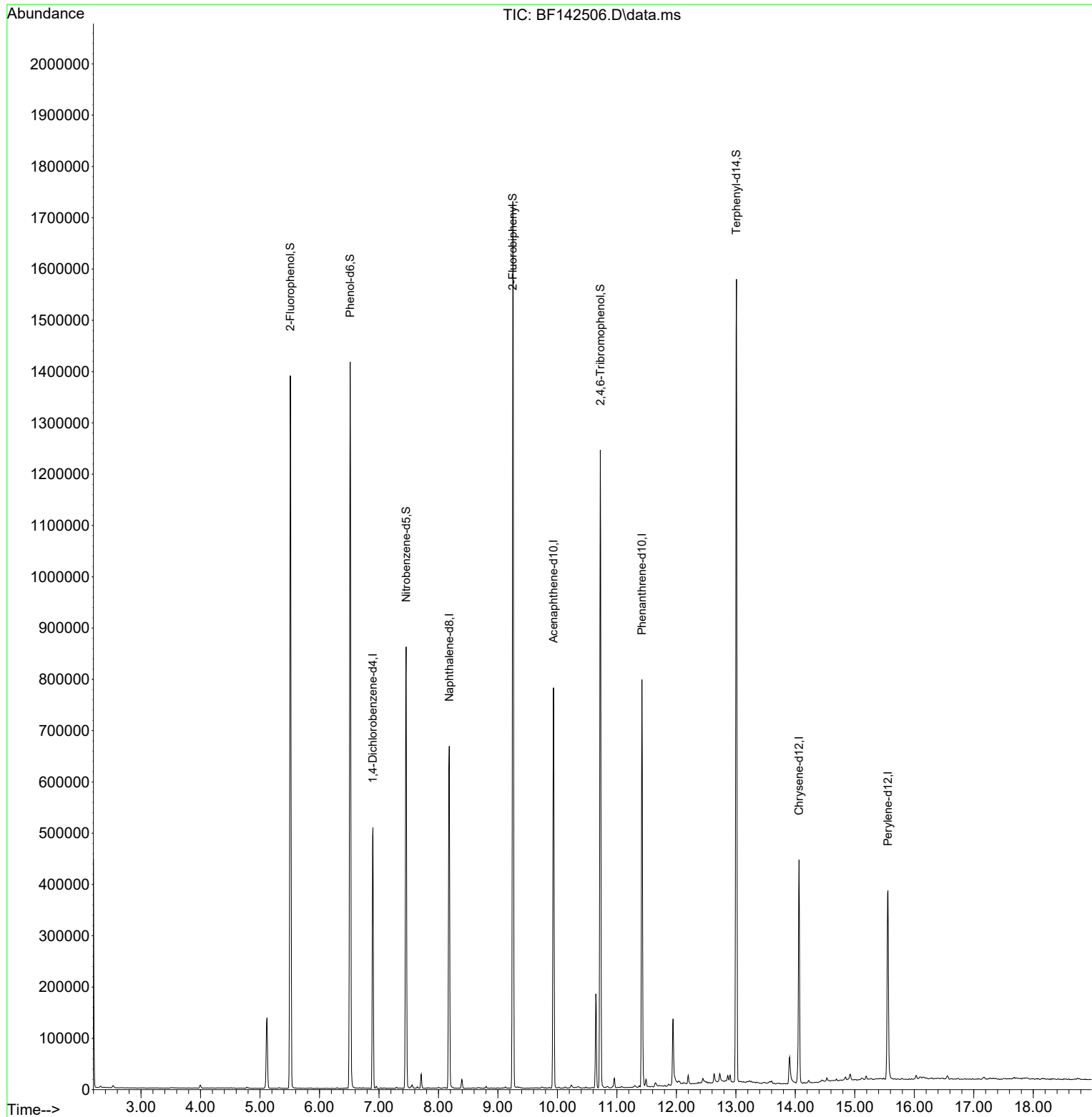
Target Compounds	Qvalue

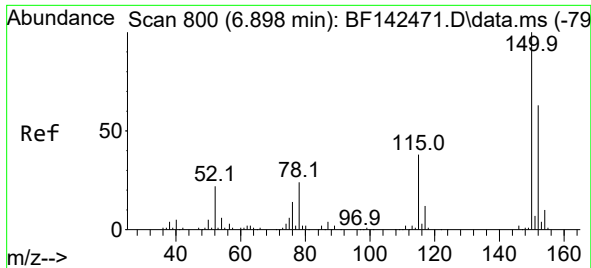
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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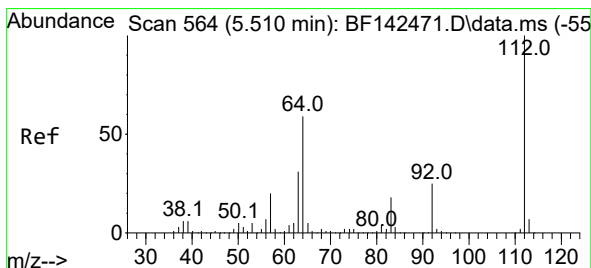
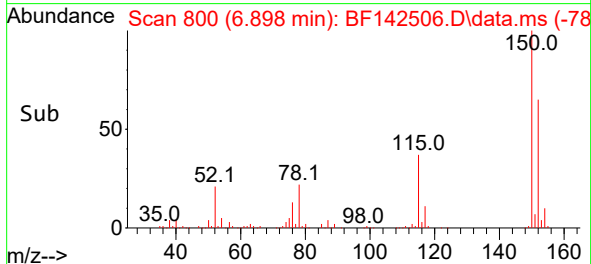
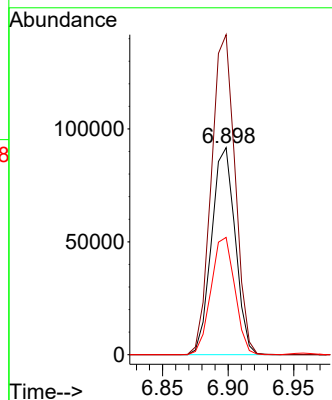
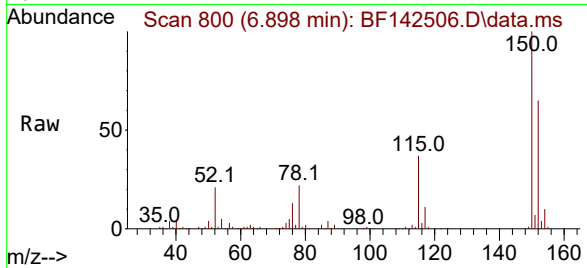




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF142506.D
Acq: 22 May 2025 13:11

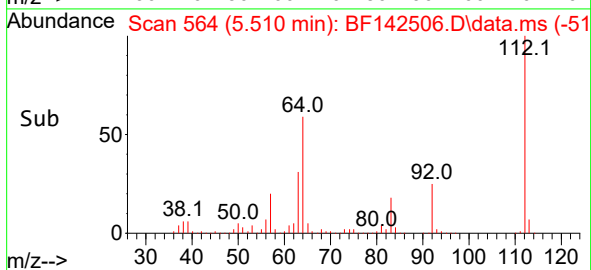
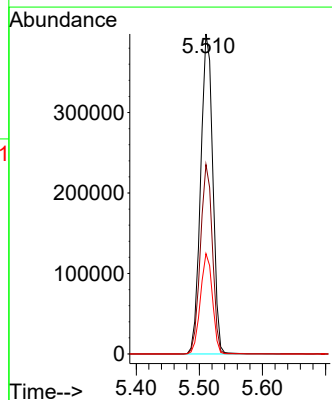
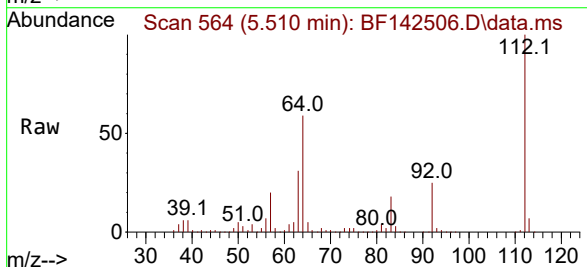
Instrument :
BNA_F
ClientSampleId :
TP-18

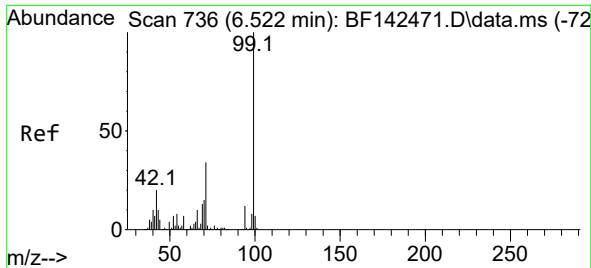
Tgt Ion:152 Resp: 114998
Ion Ratio Lower Upper
152 100
150 154.5 128.2 192.4
115 56.6 48.3 72.5



#5
2-Fluorophenol
Concen: 77.892 ng
RT: 5.510 min Scan# 564
Delta R.T. -0.006 min
Lab File: BF142506.D
Acq: 22 May 2025 13:11

Tgt Ion:112 Resp: 531675
Ion Ratio Lower Upper
112 100
64 59.2 47.5 71.3
63 31.3 24.9 37.3

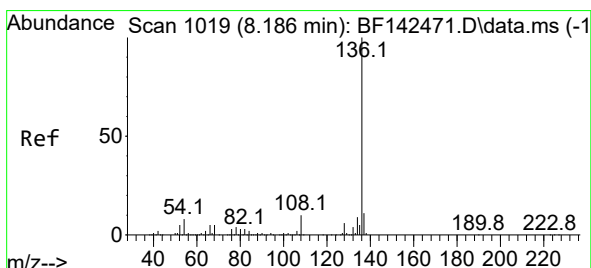
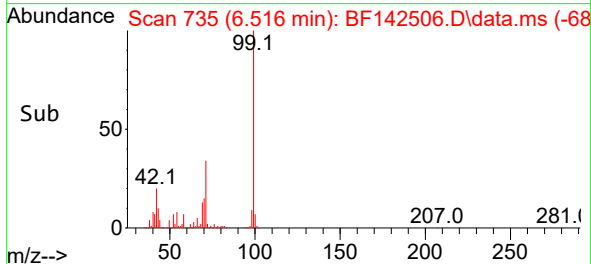
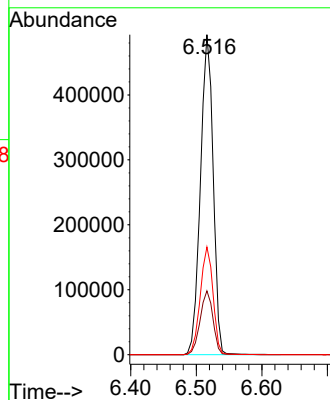
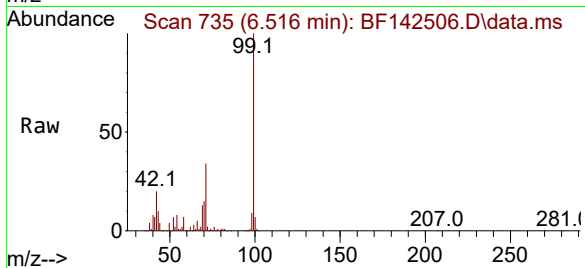




#7
Phenol-d6
Concen: 81.201 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF142506.D
Acq: 22 May 2025 13:11

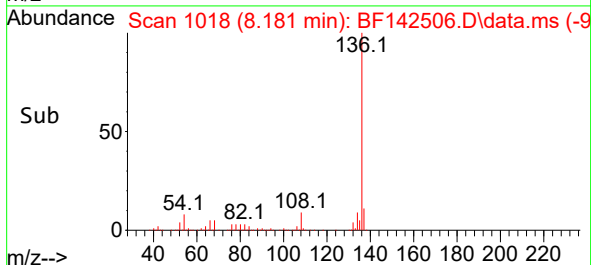
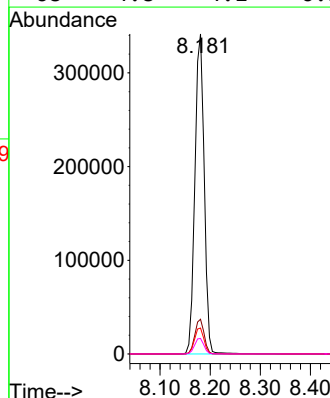
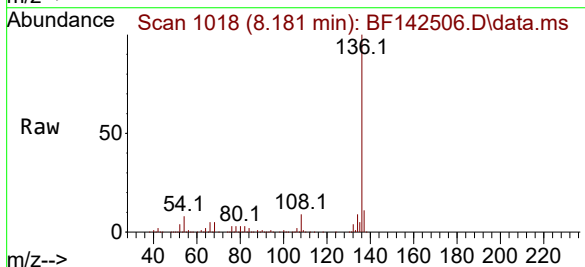
Instrument :
BNA_F
ClientSampleId :
TP-18

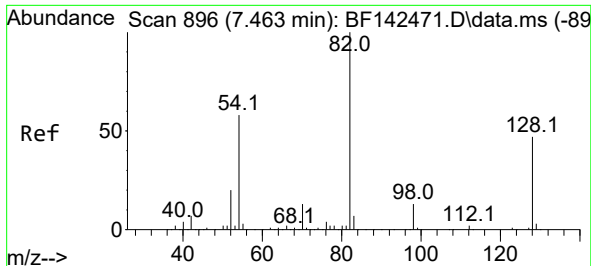
Tgt Ion: 99 Resp: 667202
Ion Ratio Lower Upper
99 100
42 20.0 16.2 24.2
71 33.7 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142506.D
Acq: 22 May 2025 13:11

Tgt Ion: 136 Resp: 438934
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 6.6 10.0
68 4.8 4.1 6.1





#23

Nitrobenzene-d5

Concen: 45.885 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142506.D

Acq: 22 May 2025 13:11

Instrument :

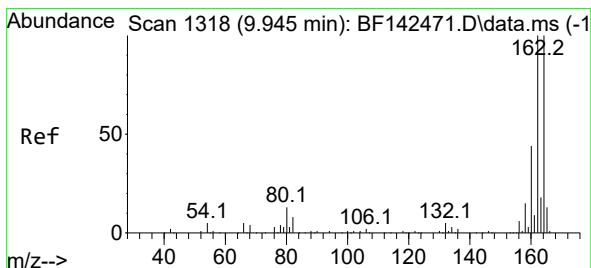
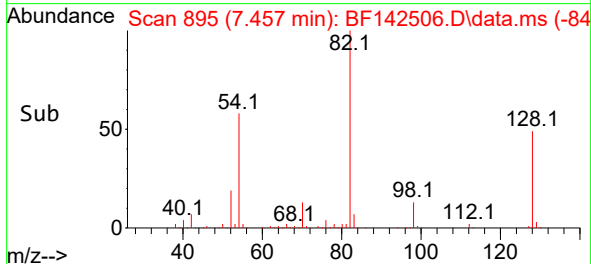
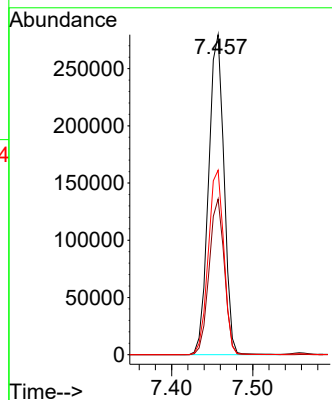
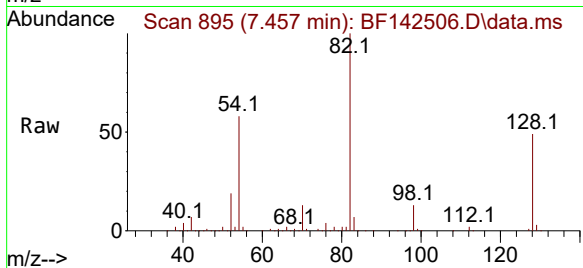
BNA_F

ClientSampleId :

TP-18

Tgt Ion: 82 Resp: 369353

Ion	Ratio	Lower	Upper
82	100		
128	48.7	37.4	56.2
54	57.7	46.6	70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.934 min Scan# 1316

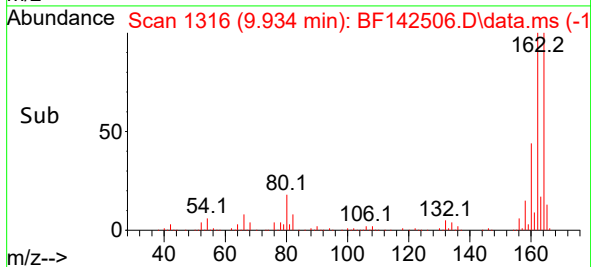
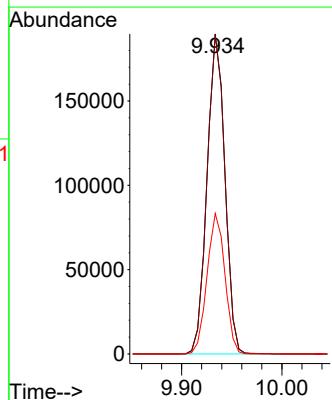
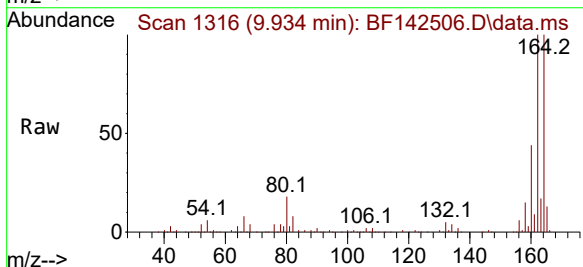
Delta R.T. -0.012 min

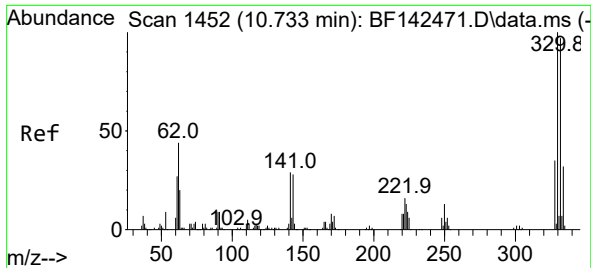
Lab File: BF142506.D

Acq: 22 May 2025 13:11

Tgt Ion:164 Resp: 234734

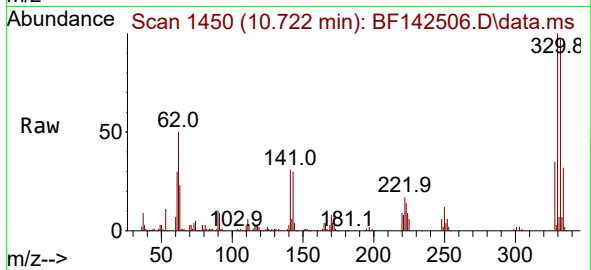
Ion	Ratio	Lower	Upper
164	100		
162	99.7	80.2	120.4
160	43.9	35.6	53.4



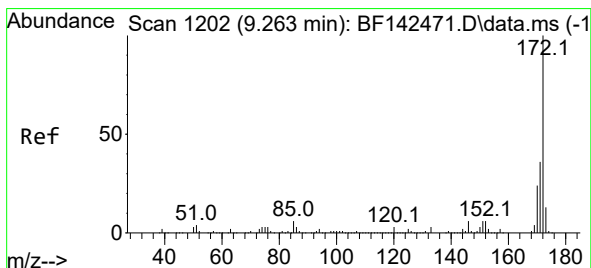
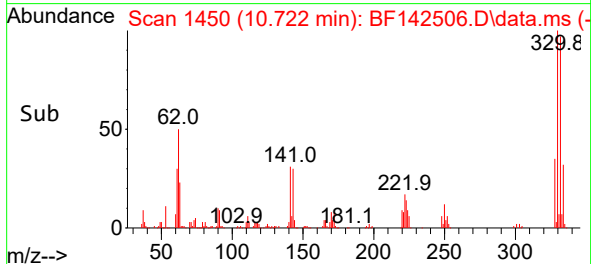
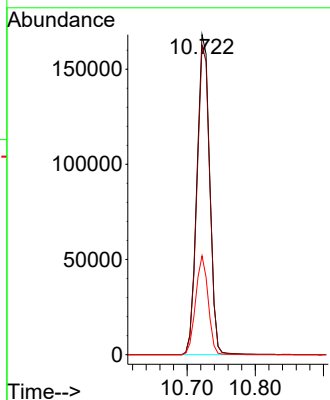


#42
2,4,6-Tribromophenol
Concen: 83.702 ng
RT: 10.722 min Scan# 1450
Delta R.T. -0.017 min
Lab File: BF142506.D
Acq: 22 May 2025 13:11

Instrument :
BNA_F
ClientSampleId :
TP-18

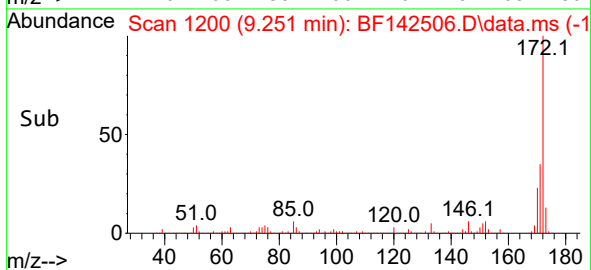
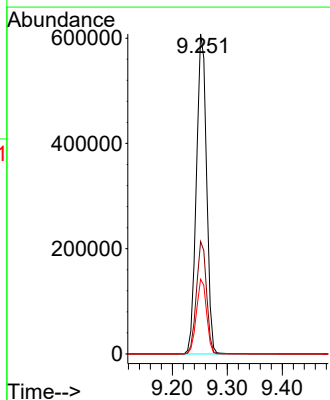
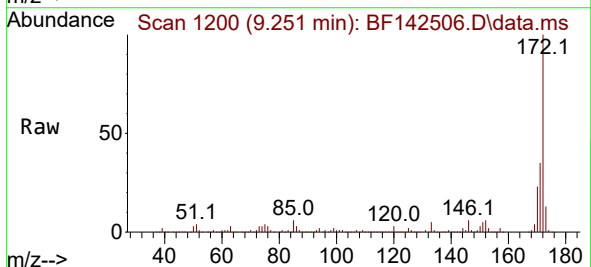


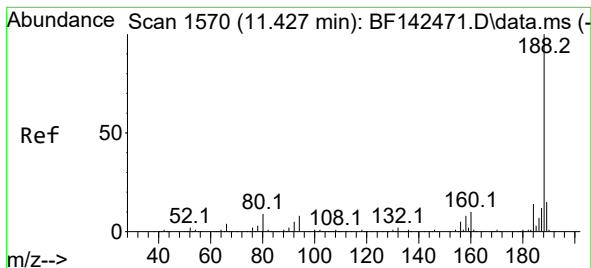
Tgt Ion:330 Resp: 218064
Ion Ratio Lower Upper
330 100
332 96.7 77.6 116.4
141 30.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 44.888 ng
RT: 9.251 min Scan# 1200
Delta R.T. -0.017 min
Lab File: BF142506.D
Acq: 22 May 2025 13:11

Tgt Ion:172 Resp: 785241
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142506.D

Acq: 22 May 2025 13:11

Instrument :

BNA_F

ClientSampleId :

TP-18

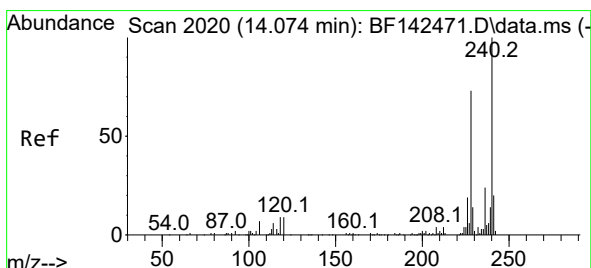
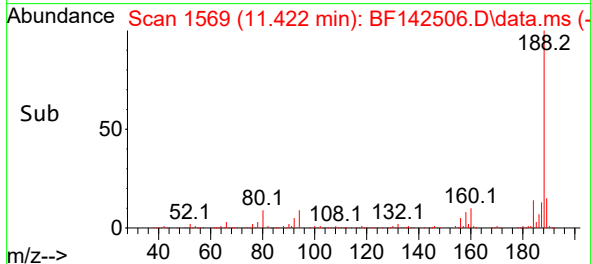
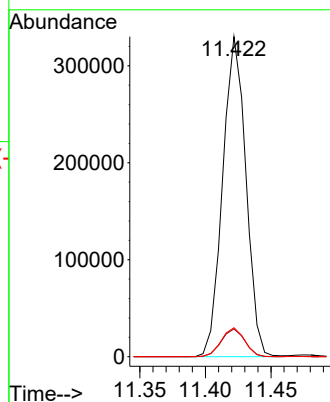
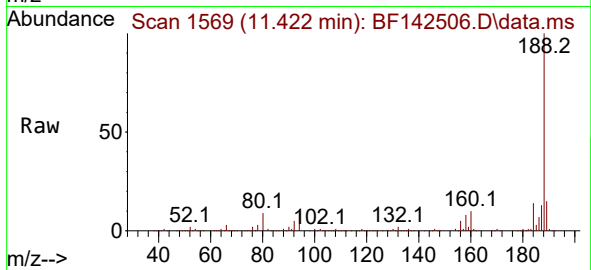
Tgt Ion:188 Resp: 406523

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.0 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF142506.D

Acq: 22 May 2025 13:11

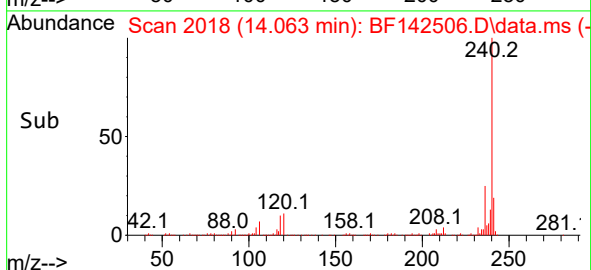
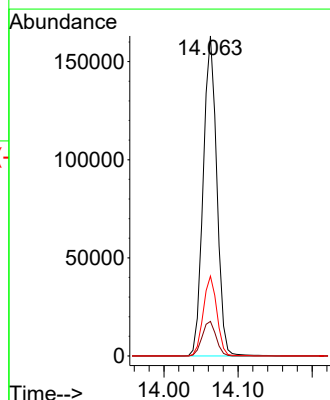
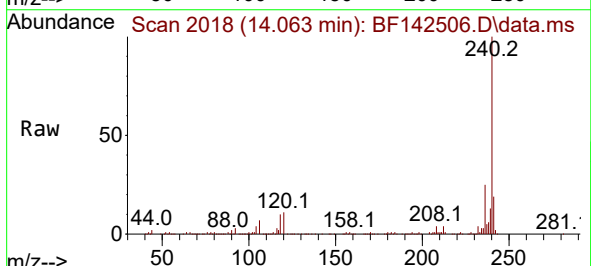
Tgt Ion:240 Resp: 207782

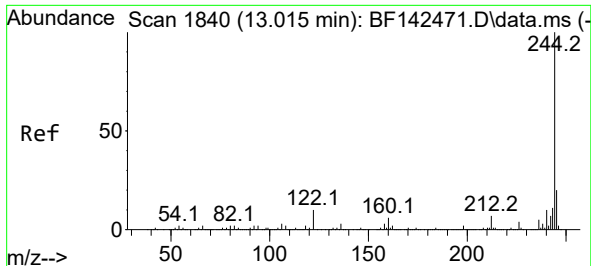
Ion Ratio Lower Upper

240 100

120 10.8 7.5 11.3

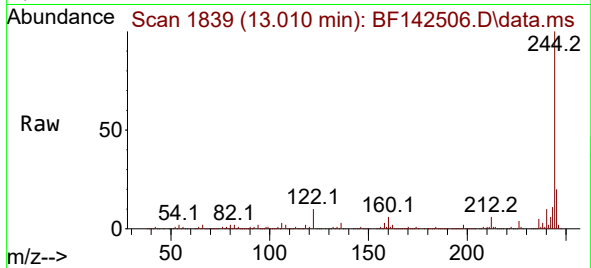
236 24.9 19.6 29.4



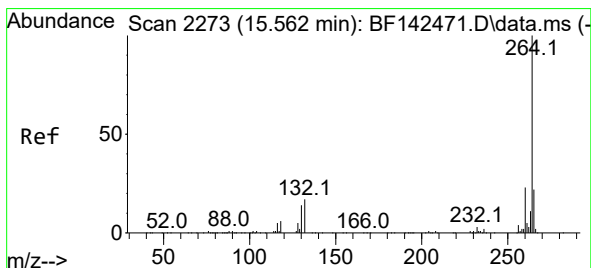
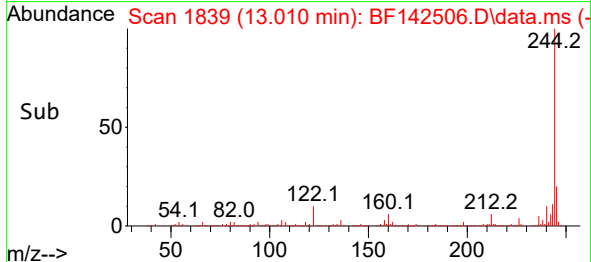
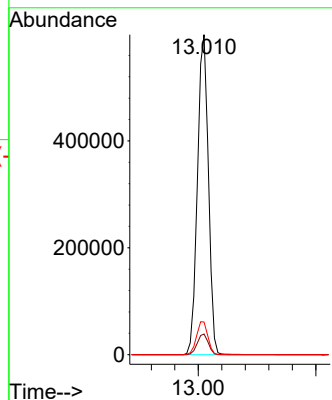


#79
 Terphenyl-d14
 Concen: 50.829 ng
 RT: 13.010 min Scan# 1839
 Delta R.T. -0.006 min
 Lab File: BF142506.D
 Acq: 22 May 2025 13:11

Instrument :
 BNA_F
 ClientSampleId :
 TP-18



Tgt Ion:244 Resp: 772849
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.3 7.9
 122 10.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF142506.D
 Acq: 22 May 2025 13:11

Tgt Ion:264 Resp: 225144
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 21.0 17.7 26.5

