

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060525\
 Data File : BF142626.D
 Acq On : 05 Jun 2025 11:04
 Operator : RC/JU
 Sample : PB168285BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168285BL

Quant Time: Jun 05 11:35:10 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	6.892	152	122182	20.000	ng	-0.01
21) Naphthalene-d8	8.181	136	466755	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	253840	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	433273	20.000	ng	-0.01
76) Chrysene-d12	14.068	240	225137	20.000	ng	0.00
86) Perylene-d12	15.562	264	234045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	907955	125.197	ng	0.00
7) Phenol-d6	6.522	99	1081644	123.901	ng	-0.01
23) Nitrobenzene-d5	7.457	82	672397	78.553	ng	-0.02
42) 2,4,6-Tribromophenol	10.727	330	344627	122.325	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1422364	75.190	ng	-0.01
79) Terphenyl-d14	13.010	244	1286910	78.113	ng	0.00

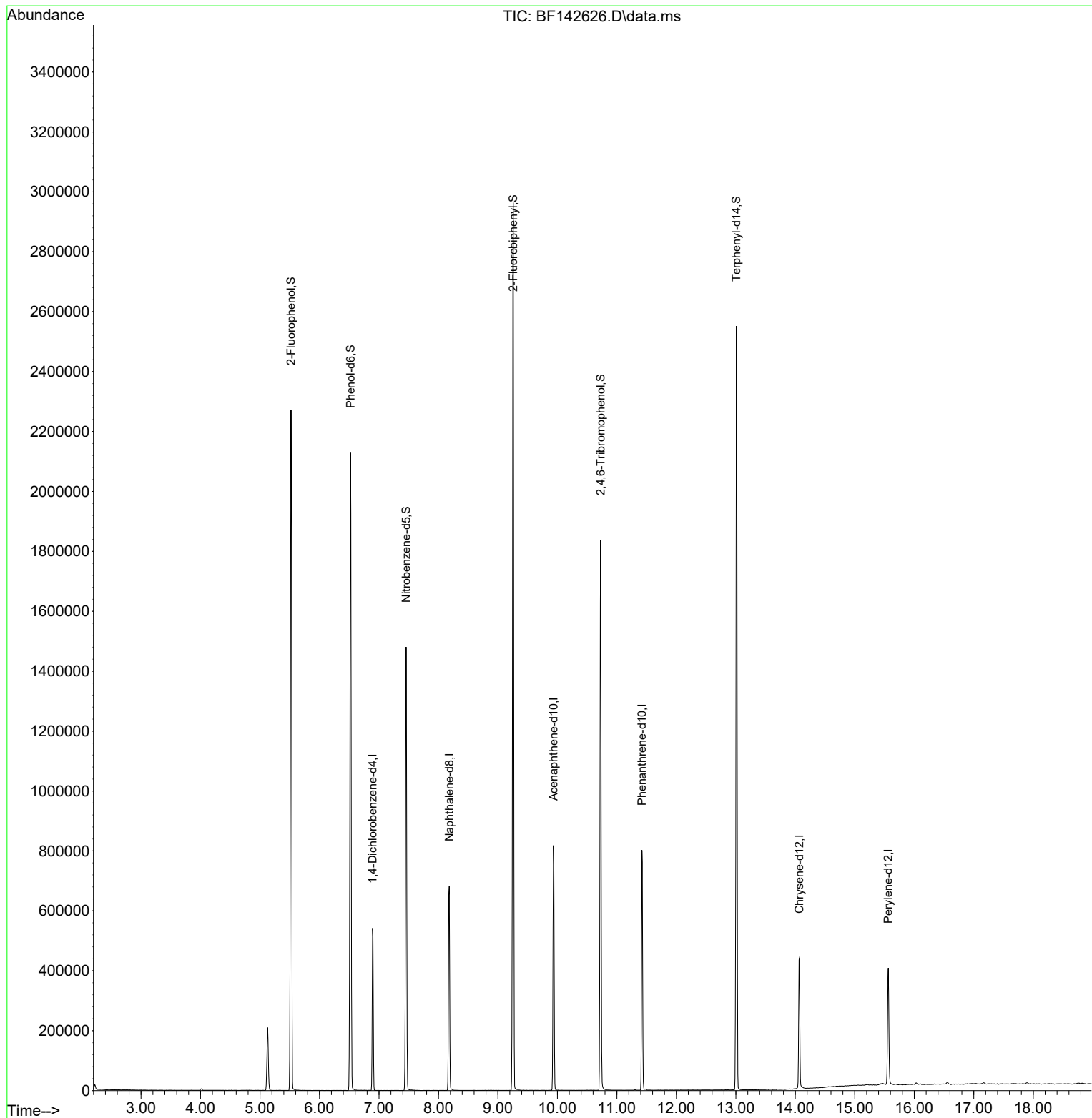
Target Compounds	Qvalue

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

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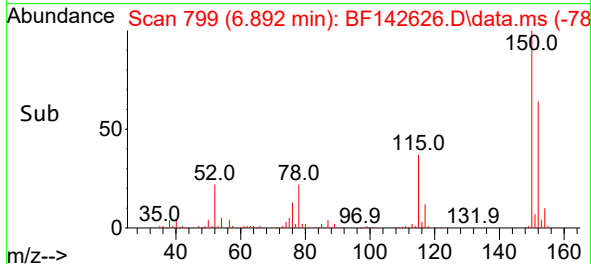
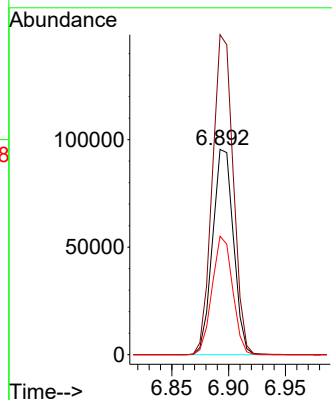
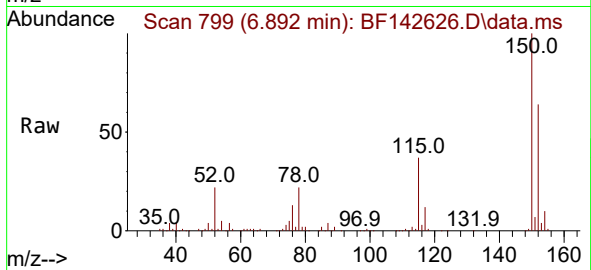




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

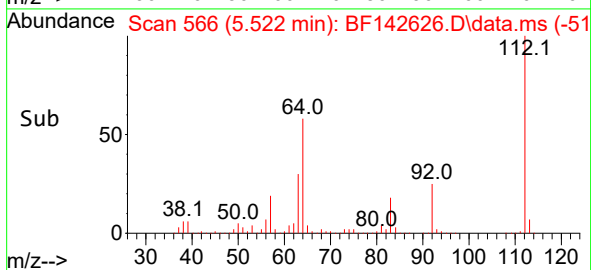
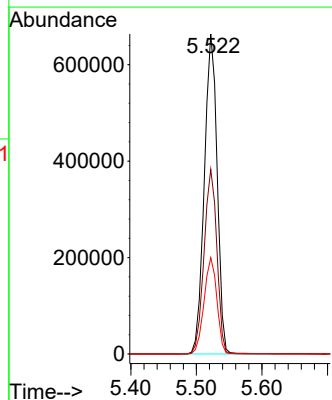
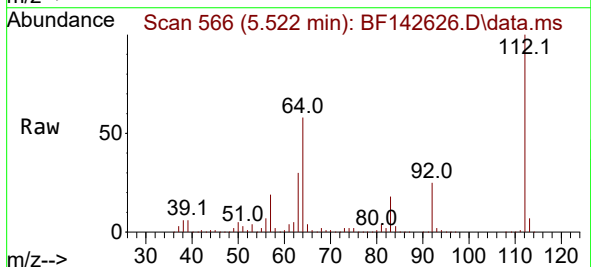
Instrument :
BNA_F
ClientSampleId :
PB168285BL

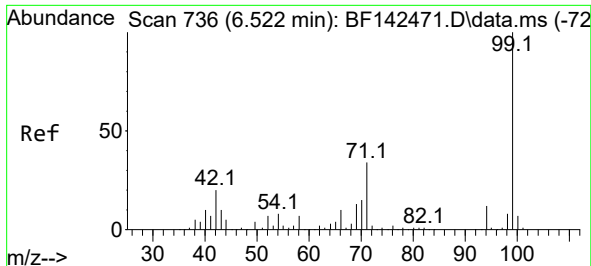
Tgt Ion:152 Resp: 122182
Ion Ratio Lower Upper
152 100
150 155.9 128.2 192.4
115 57.7 48.3 72.5



#5
2-Fluorophenol
Concen: 125.197 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Tgt Ion:112 Resp: 907955
Ion Ratio Lower Upper
112 100
64 57.7 47.5 71.3
63 30.1 24.9 37.3

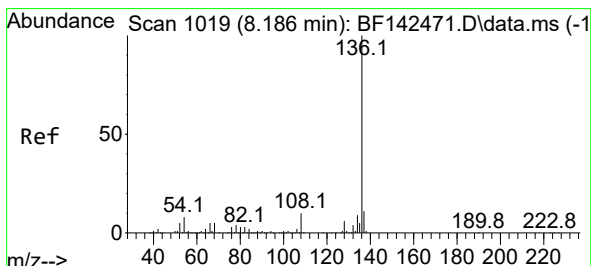
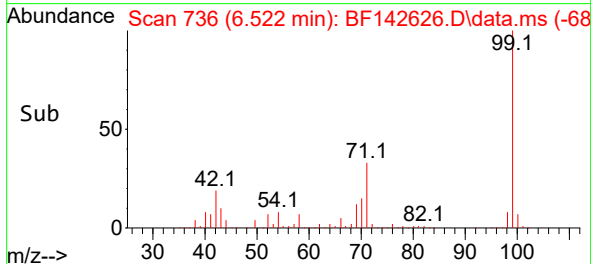
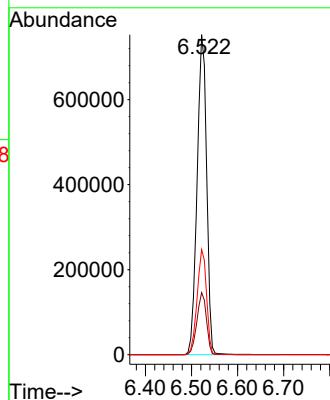
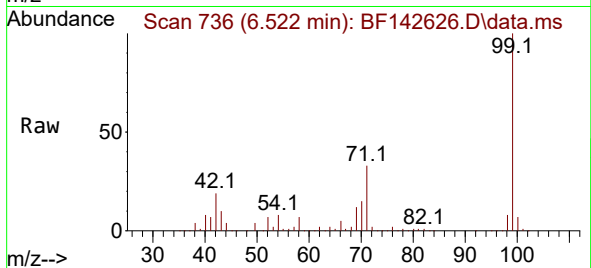




#7
Phenol-d6
Concen: 123.901 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

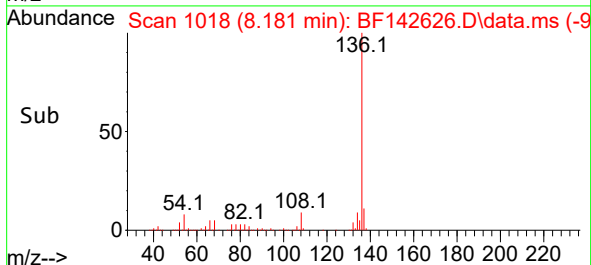
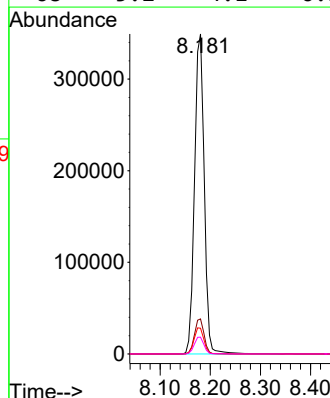
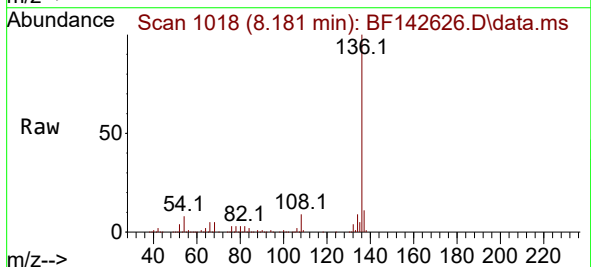
Instrument :
BNA_F
ClientSampleId :
PB168285BL

Tgt Ion: 99 Resp: 1081644
Ion Ratio Lower Upper
99 100
42 19.4 16.2 24.2
71 32.9 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: BF142626.D
Acq: 05 Jun 2025 11:04

Tgt Ion:136 Resp: 466755
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.1 6.6 10.0
68 5.2 4.1 6.1





#23

Nitrobenzene-d5

Concen: 78.553 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF142626.D

Acq: 05 Jun 2025 11:04

Instrument :

BNA_F

ClientSampleId :

PB168285BL

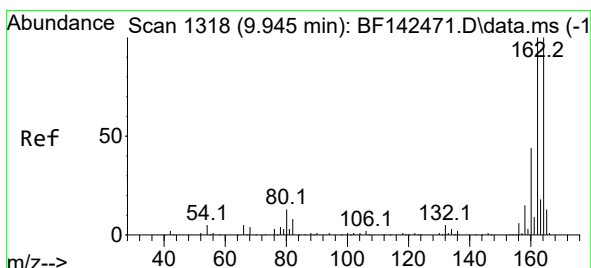
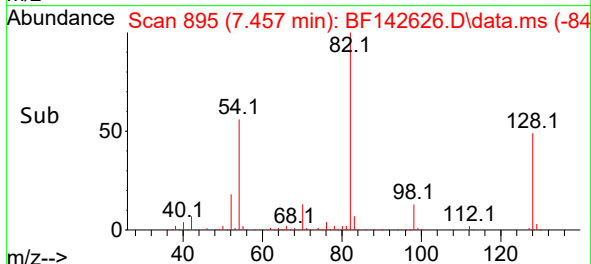
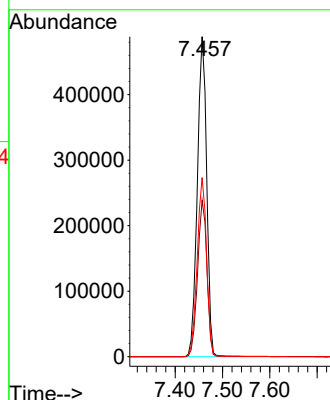
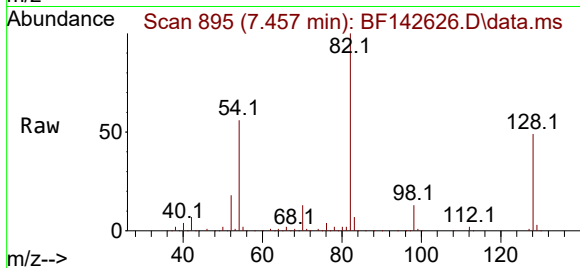
Tgt Ion: 82 Resp: 672397

Ion Ratio Lower Upper

82 100

128 48.9 37.4 56.2

54 55.9 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142626.D

Acq: 05 Jun 2025 11:04

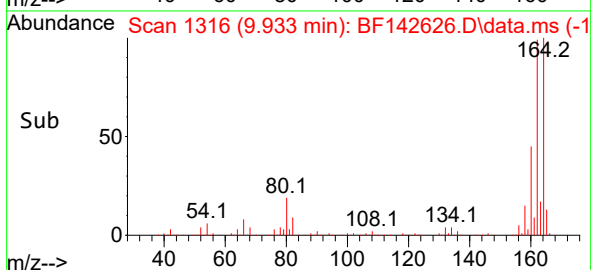
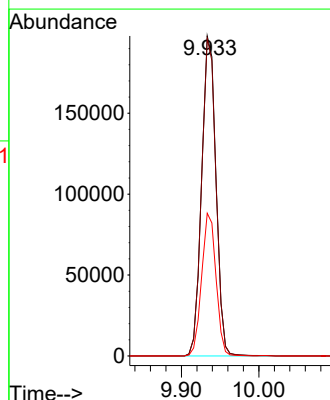
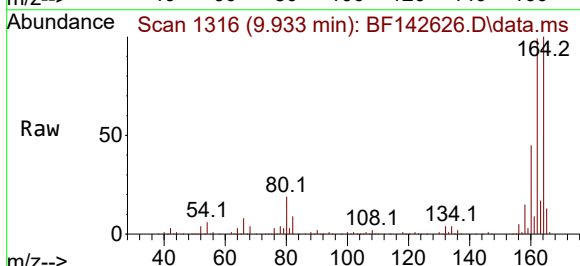
Tgt Ion:164 Resp: 253840

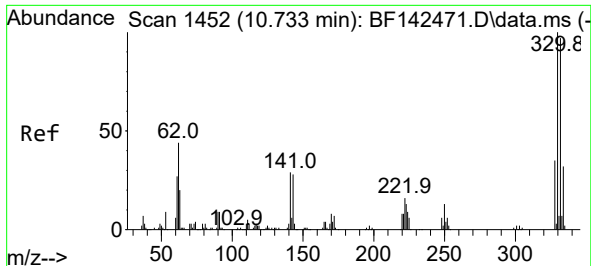
Ion Ratio Lower Upper

164 100

162 99.2 80.2 120.4

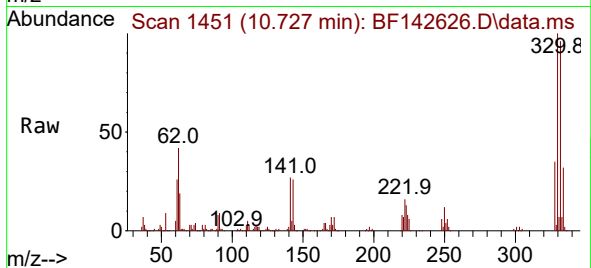
160 44.6 35.6 53.4



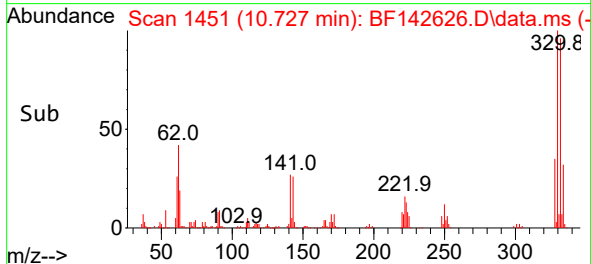
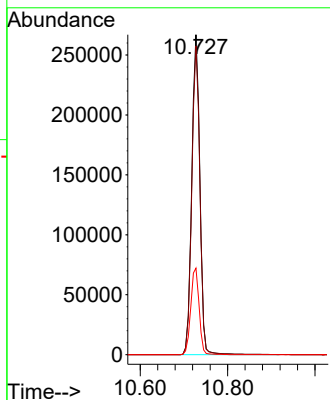


#42
2,4,6-Tribromophenol
Concen: 122.325 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Instrument :
BNA_F
ClientSampleId :
PB168285BL

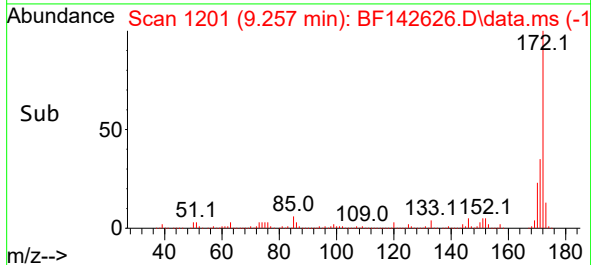
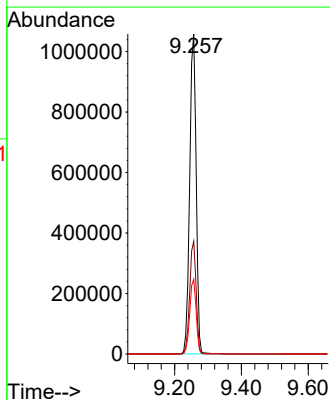
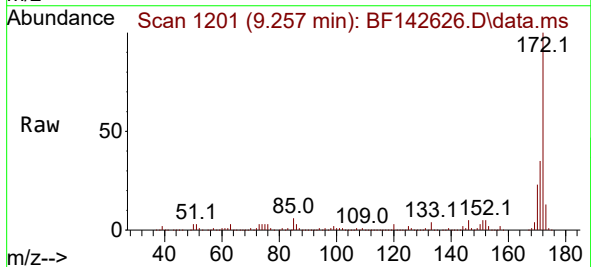


Tgt Ion:330 Resp: 344627
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 27.9 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 75.190 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Tgt Ion:172 Resp: 1422364
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.3 18.9 28.3

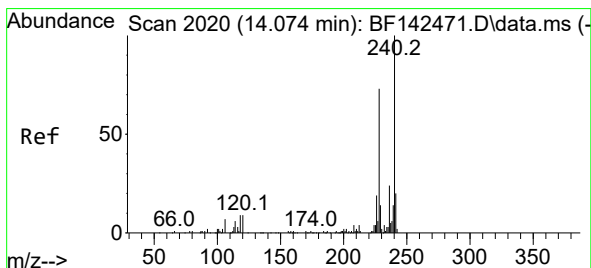
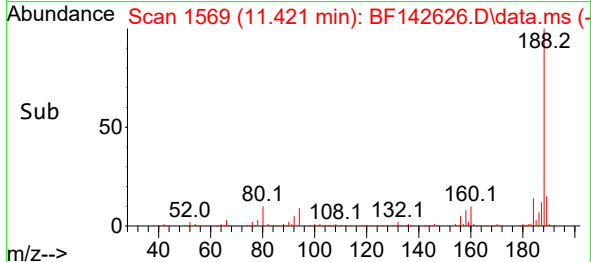
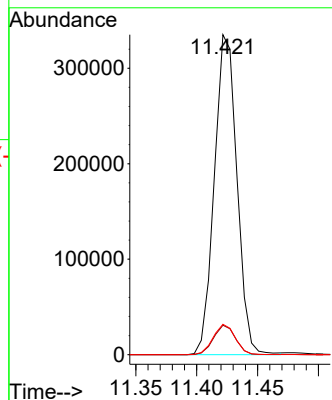
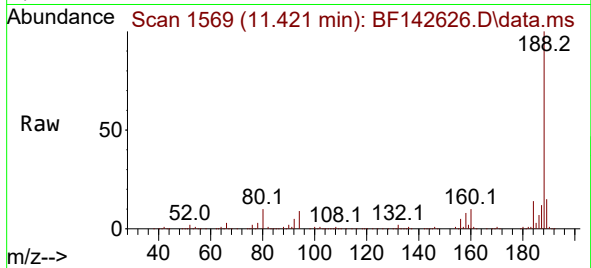




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1569
Delta R.T. -0.012 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

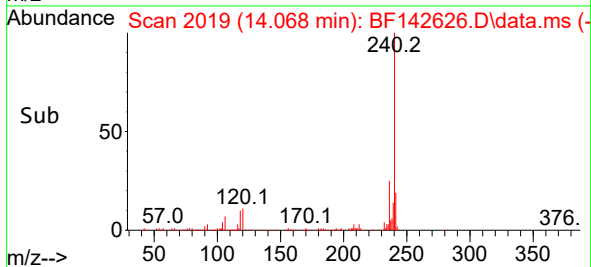
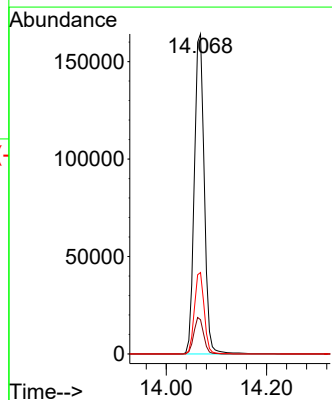
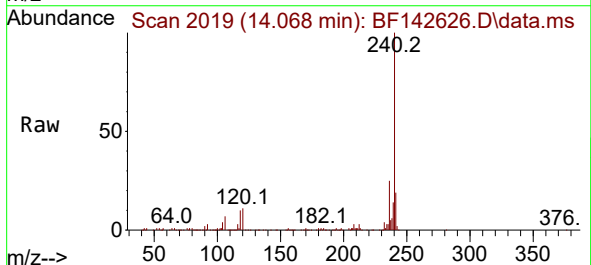
Instrument :
BNA_F
ClientSampleId :
PB168285BL

Tgt Ion:188 Resp: 433273
Ion Ratio Lower Upper
188 100
94 9.2 6.6 10.0
80 9.5 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142626.D
Acq: 05 Jun 2025 11:04

Tgt Ion:240 Resp: 225137
Ion Ratio Lower Upper
240 100
120 10.7 7.5 11.3
236 25.5 19.6 29.4

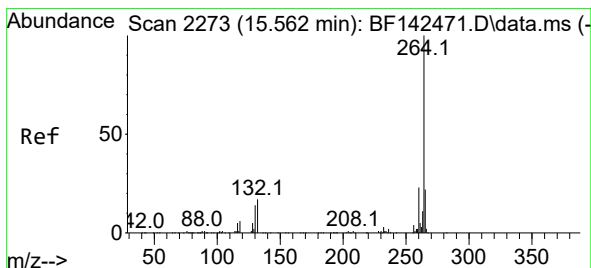
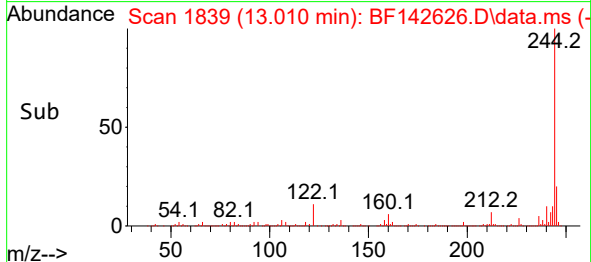
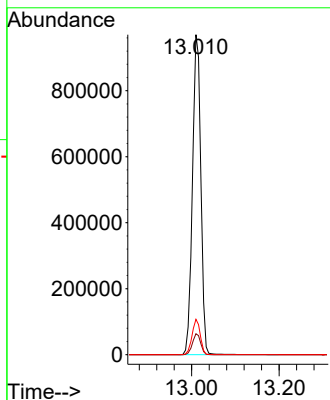
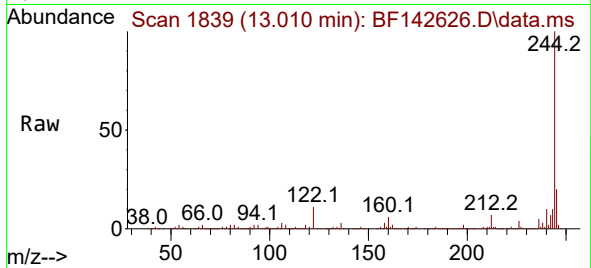




#79
 Terphenyl-d14
 Concen: 78.113 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142626.D
 Acq: 05 Jun 2025 11:04

Instrument :
 BNA_F
 ClientSampleId :
 PB168285BL

Tgt Ion:244 Resp: 1286910
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.0 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142626.D
 Acq: 05 Jun 2025 11:04

Tgt Ion:264 Resp: 234045
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 21.2 17.7 26.5

