

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
 Data File : BF142281.D
 Acq On : 02 May 2025 14:22
 Operator : RC/JU
 Sample : Q1901-11
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-170-SB02

Quant Time: May 02 15:21:22 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 30 16:00:01 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	213953	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	820195	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	417687	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	704817	20.000	ng	0.00
76) Chrysene-d12	14.063	240	439553	20.000	ng	-0.01
86) Perylene-d12	15.551	264	313049	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1264763	94.409	ng	0.00
7) Phenol-d6	6.522	99	1431879	88.511	ng	0.00
23) Nitrobenzene-d5	7.463	82	992258	79.479	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	458282	120.354	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2003805	67.641	ng	0.00
79) Terphenyl-d14	13.016	244	1927099	63.764	ng	0.00

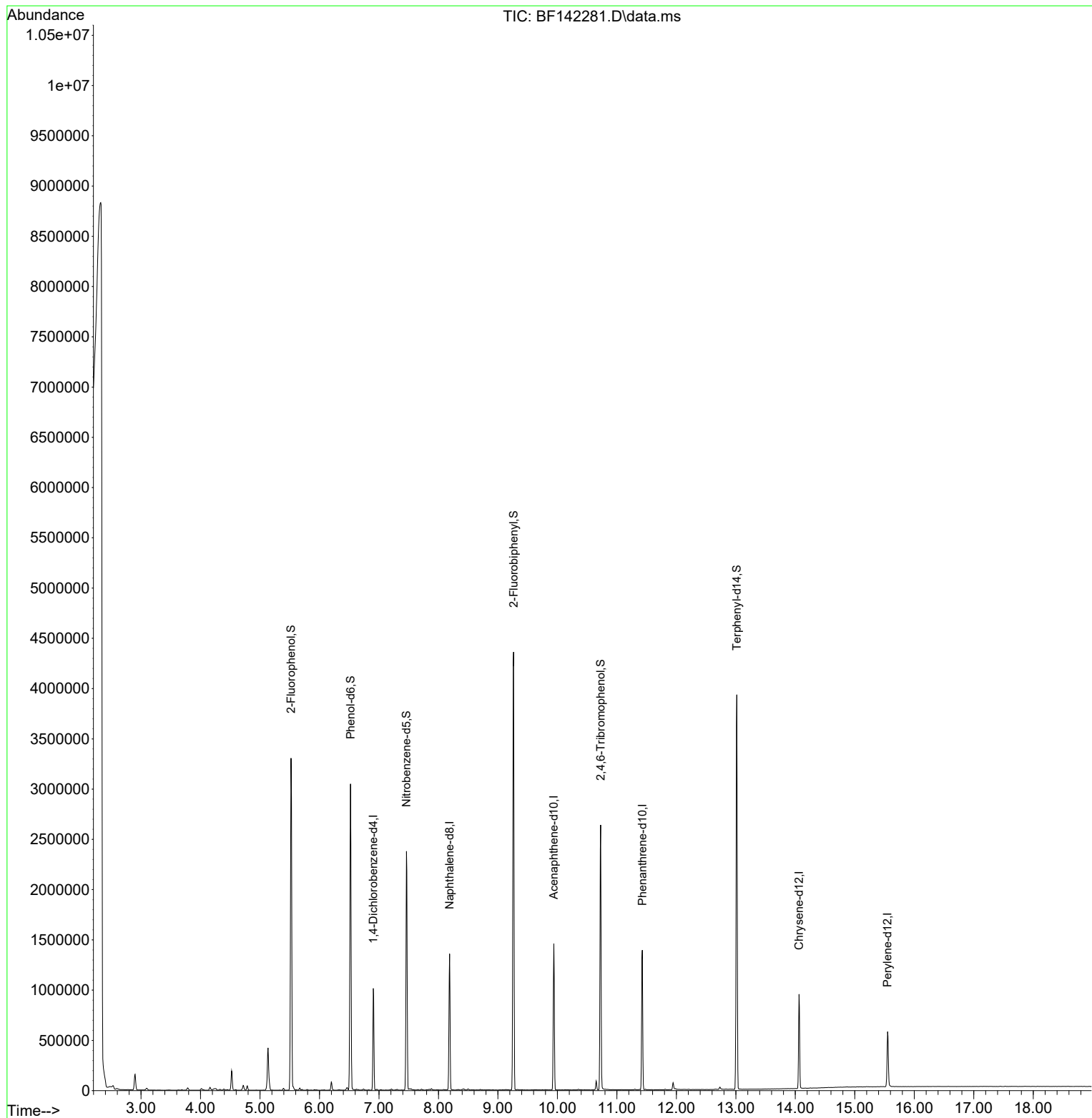
Target Compounds	Qvalue

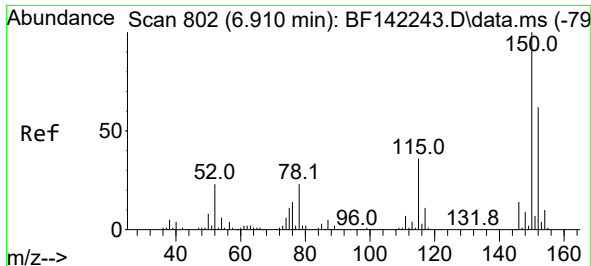
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050225\
Data File : BF142281.D
Acq On : 02 May 2025 14:22
Operator : RC/JU
Sample : Q1901-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B-170-SB02

Quant Time: May 02 15:21:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 16:00:01 2025
Response via : Initial Calibration

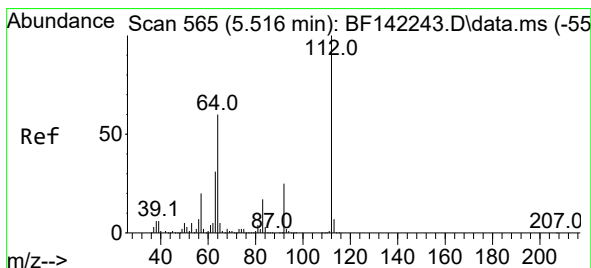
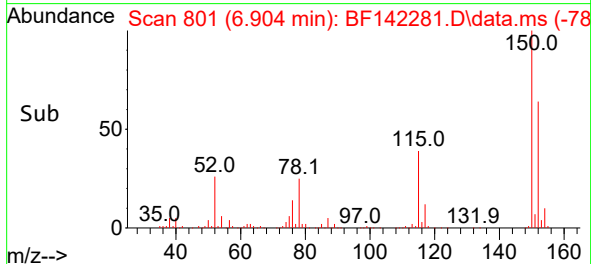
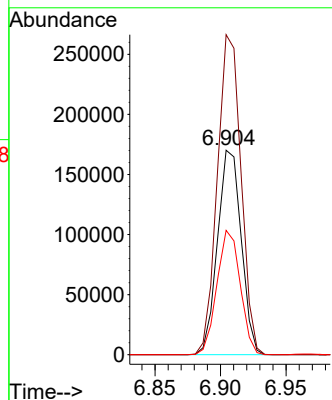
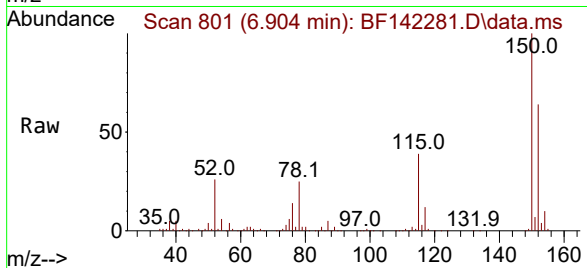




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142281.D
Acq: 02 May 2025 14:22

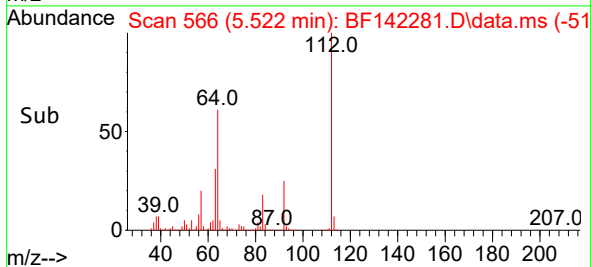
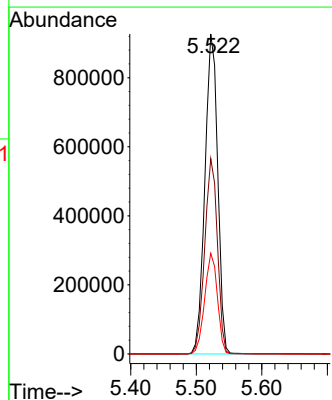
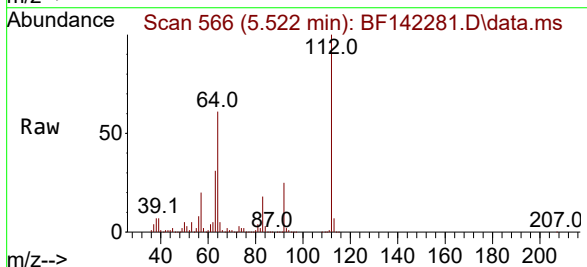
Instrument :
BNA_F
ClientSampleId :
B-170-SB02

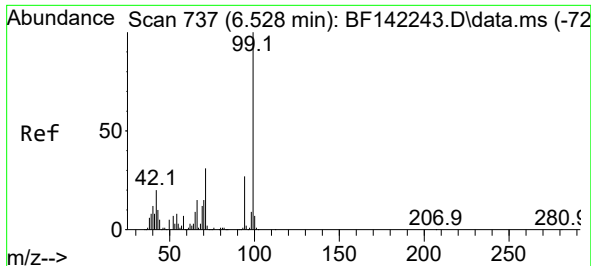
Tgt Ion:152 Resp: 213953
Ion Ratio Lower Upper
152 100
150 156.5 130.2 195.2
115 60.8 47.0 70.4



#5
2-Fluorophenol
Concen: 94.409 ng
RT: 5.522 min Scan# 566
Delta R.T. 0.006 min
Lab File: BF142281.D
Acq: 02 May 2025 14:22

Tgt Ion:112 Resp: 1264763
Ion Ratio Lower Upper
112 100
64 61.0 48.4 72.6
63 31.5 24.8 37.2

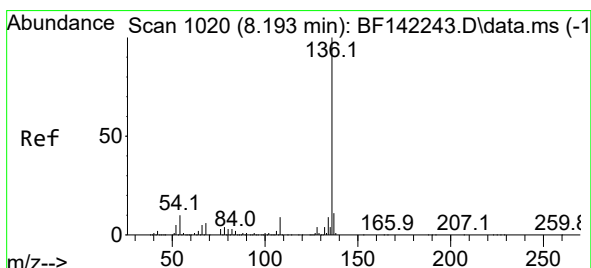
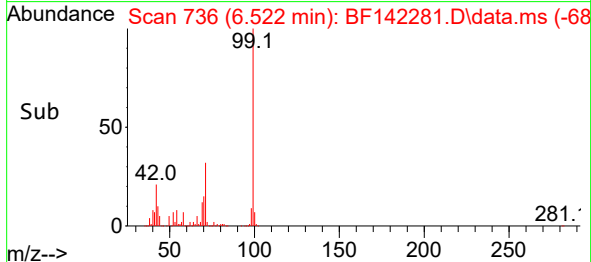
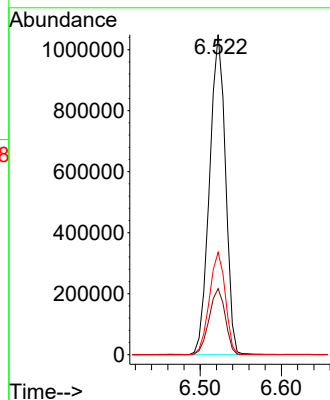
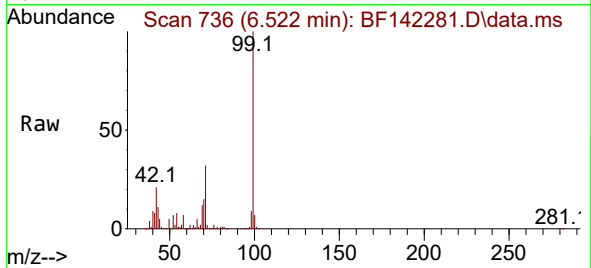




#7
Phenol-d6
Concen: 88.511 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142281.D
Acq: 02 May 2025 14:22

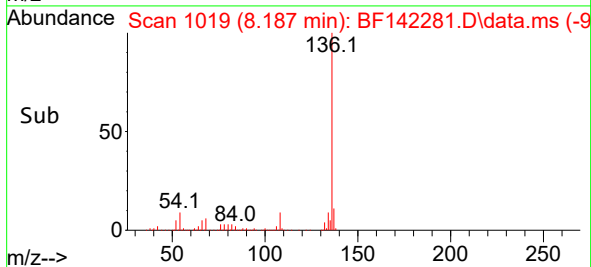
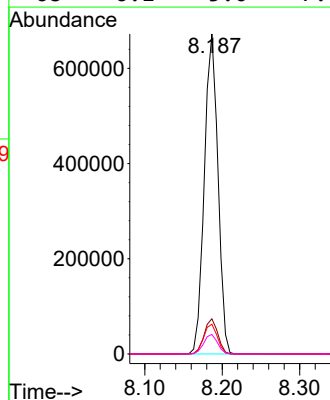
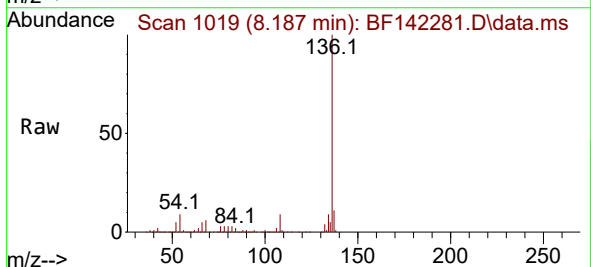
Instrument :
BNA_F
ClientSampleId :
B-170-SB02

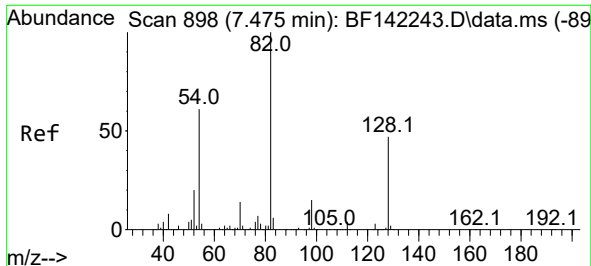
Tgt Ion: 99 Resp: 1431879
Ion Ratio Lower Upper
99 100
42 20.7 16.3 24.5
71 32.0 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142281.D
Acq: 02 May 2025 14:22

Tgt Ion: 136 Resp: 820195
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.3 7.7 11.5
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 79.479 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142281.D

Acq: 02 May 2025 14:22

Instrument :

BNA_F

ClientSampleId :

B-170-SB02

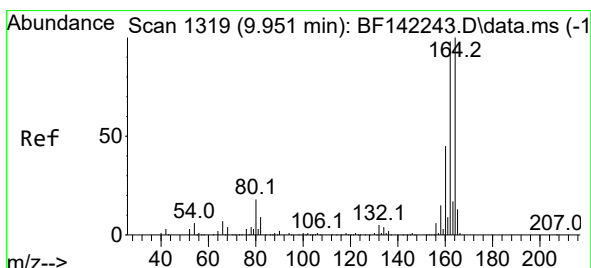
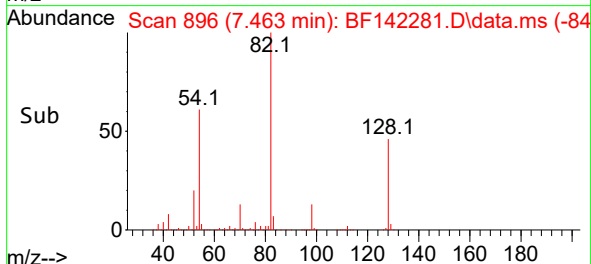
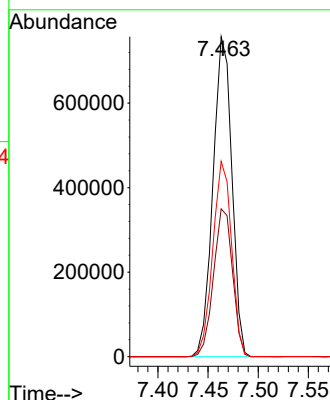
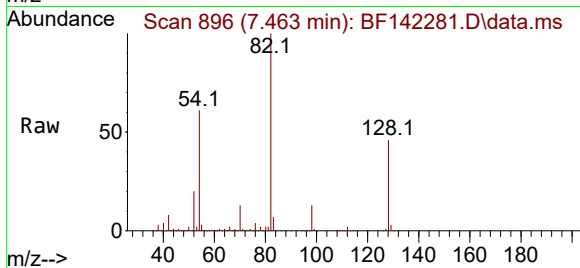
Tgt Ion: 82 Resp: 992258

Ion Ratio Lower Upper

82 100

128 46.2 37.0 55.6

54 61.0 48.0 72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.012 min

Lab File: BF142281.D

Acq: 02 May 2025 14:22

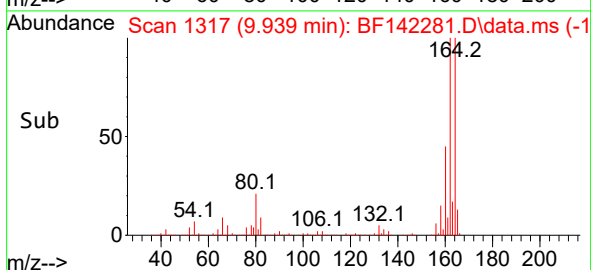
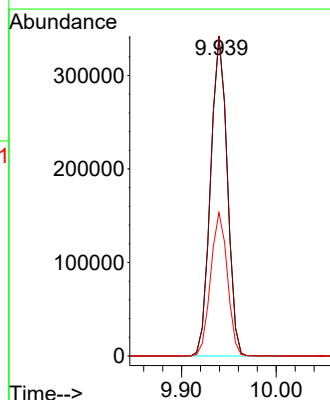
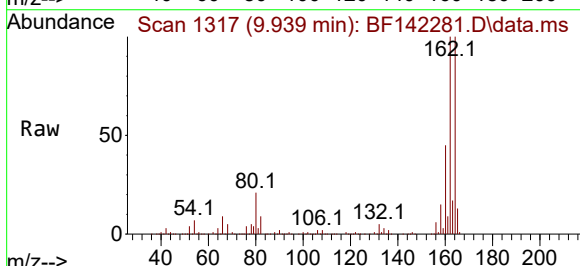
Tgt Ion:164 Resp: 417687

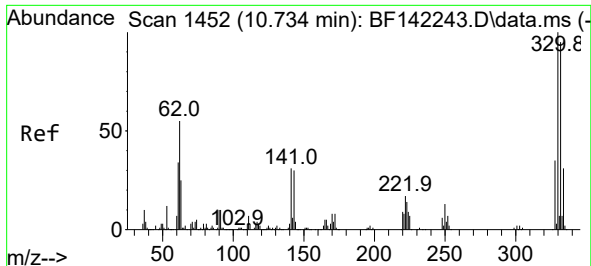
Ion Ratio Lower Upper

164 100

162 100.3 78.6 117.8

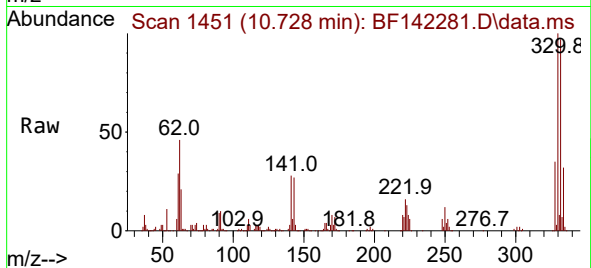
160 45.0 35.7 53.5



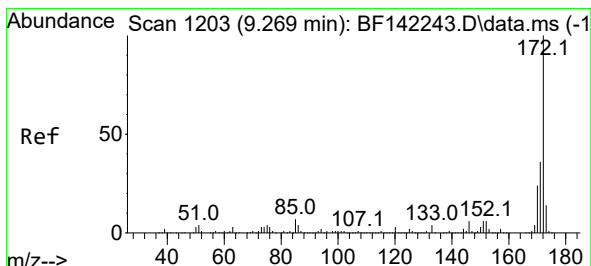
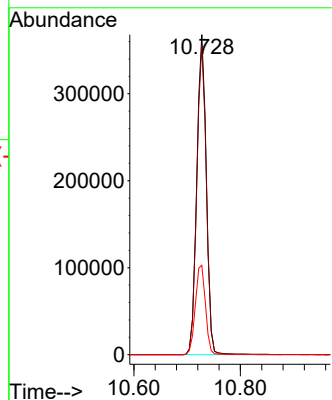
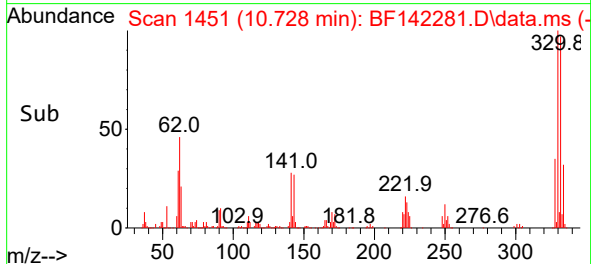


#42
2,4,6-Tribromophenol
Concen: 120.354 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142281.D
Acq: 02 May 2025 14:22

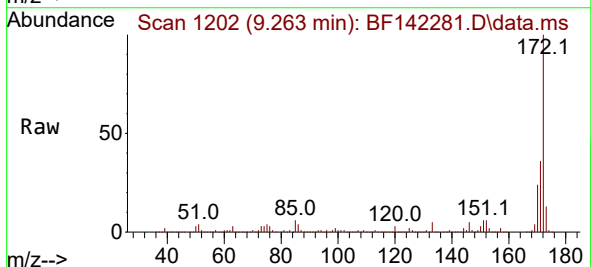
Instrument :
BNA_F
ClientSampleId :
B-170-SB02



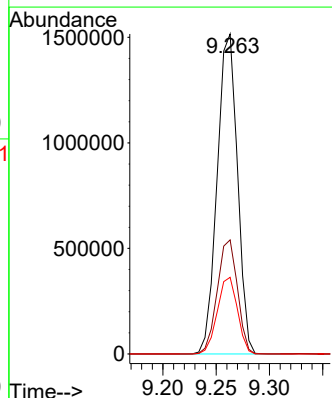
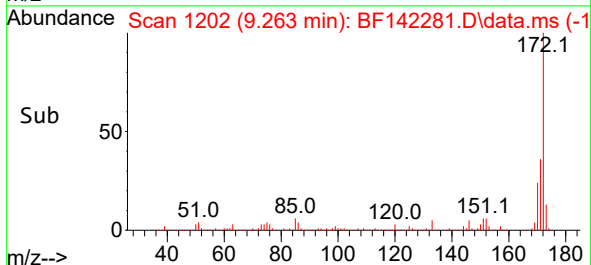
Tgt Ion:330 Resp: 458282
Ion Ratio Lower Upper
330 100
332 96.9 76.5 114.7
141 29.6 24.3 36.5

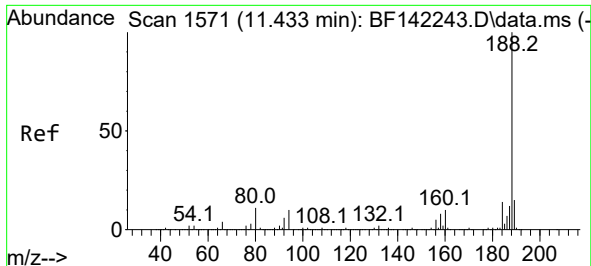


#45
2-Fluorobiphenyl
Concen: 67.641 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142281.D
Acq: 02 May 2025 14:22



Tgt Ion:172 Resp: 2003805
Ion Ratio Lower Upper
172 100
171 35.7 29.0 43.4
170 24.0 19.4 29.0

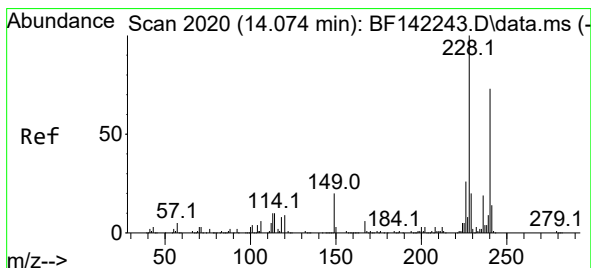
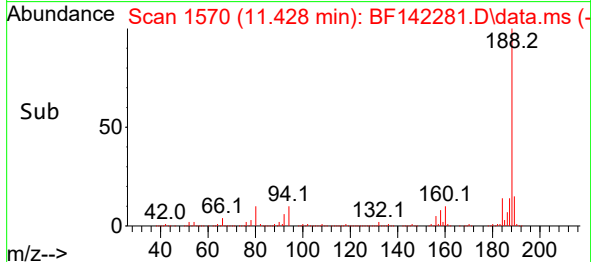
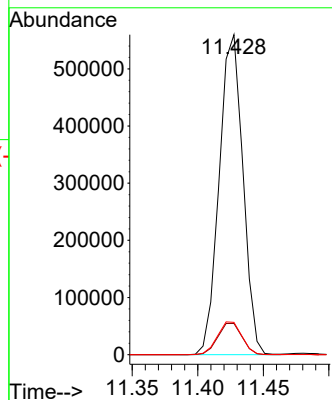
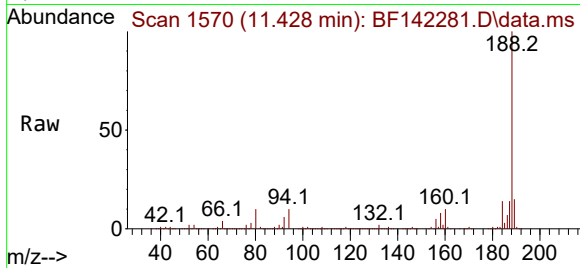




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142281.D
Acq: 02 May 2025 14:22

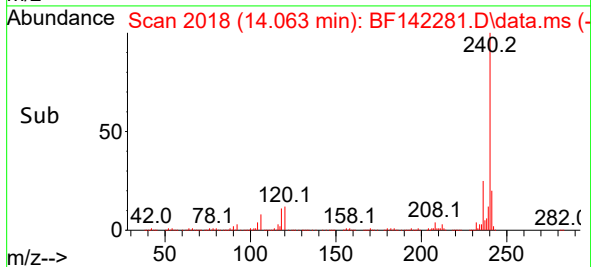
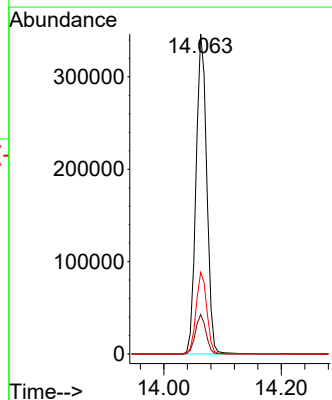
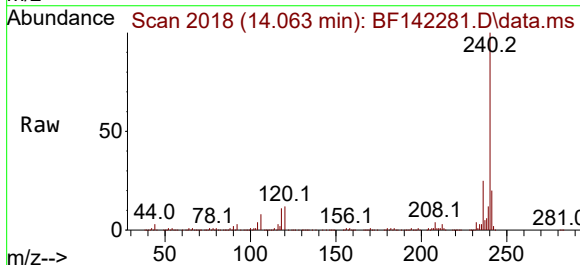
Instrument :
BNA_F
ClientSampleId :
B-170-SB02

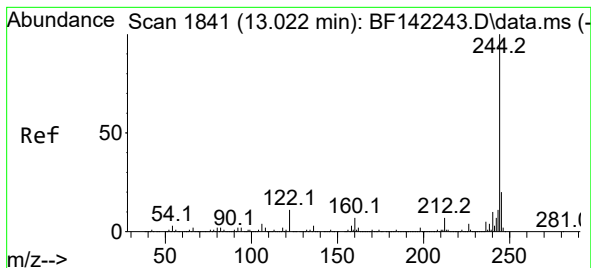
Tgt Ion:188 Resp: 704817
Ion Ratio Lower Upper
188 100
94 9.8 8.2 12.2
80 10.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF142281.D
Acq: 02 May 2025 14:22

Tgt Ion:240 Resp: 439553
Ion Ratio Lower Upper
240 100
120 12.3 10.1 15.1
236 25.5 20.5 30.7





#79

Terphenyl-d14

Concen: 63.764 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.006 min

Lab File: BF142281.D

Acq: 02 May 2025 14:22

Instrument :

BNA_F

ClientSampleId :

B-170-SB02

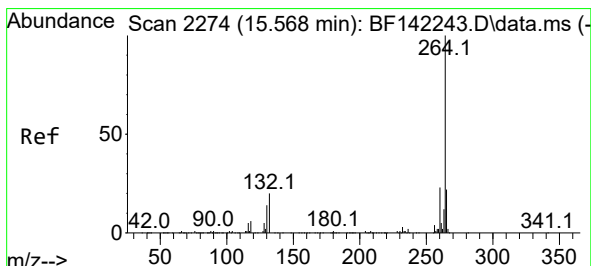
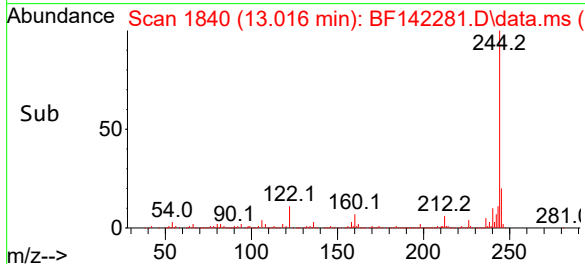
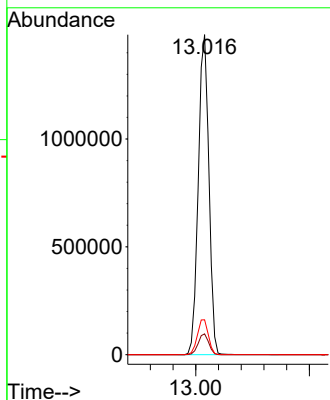
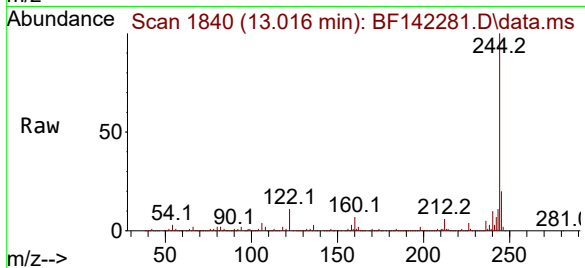
Tgt Ion:244 Resp: 1927099

Ion Ratio Lower Upper

244 100

212 6.5 5.3 7.9

122 10.9 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. -0.018 min

Lab File: BF142281.D

Acq: 02 May 2025 14:22

Tgt Ion:264 Resp: 313049

Ion Ratio Lower Upper

264 100

260 23.2 18.4 27.6

265 21.4 17.3 25.9

