

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142377.D
 Acq On : 14 May 2025 20:37
 Operator : RC/JU
 Sample : Q2017-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-J

Quant Time: May 15 01:04:31 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

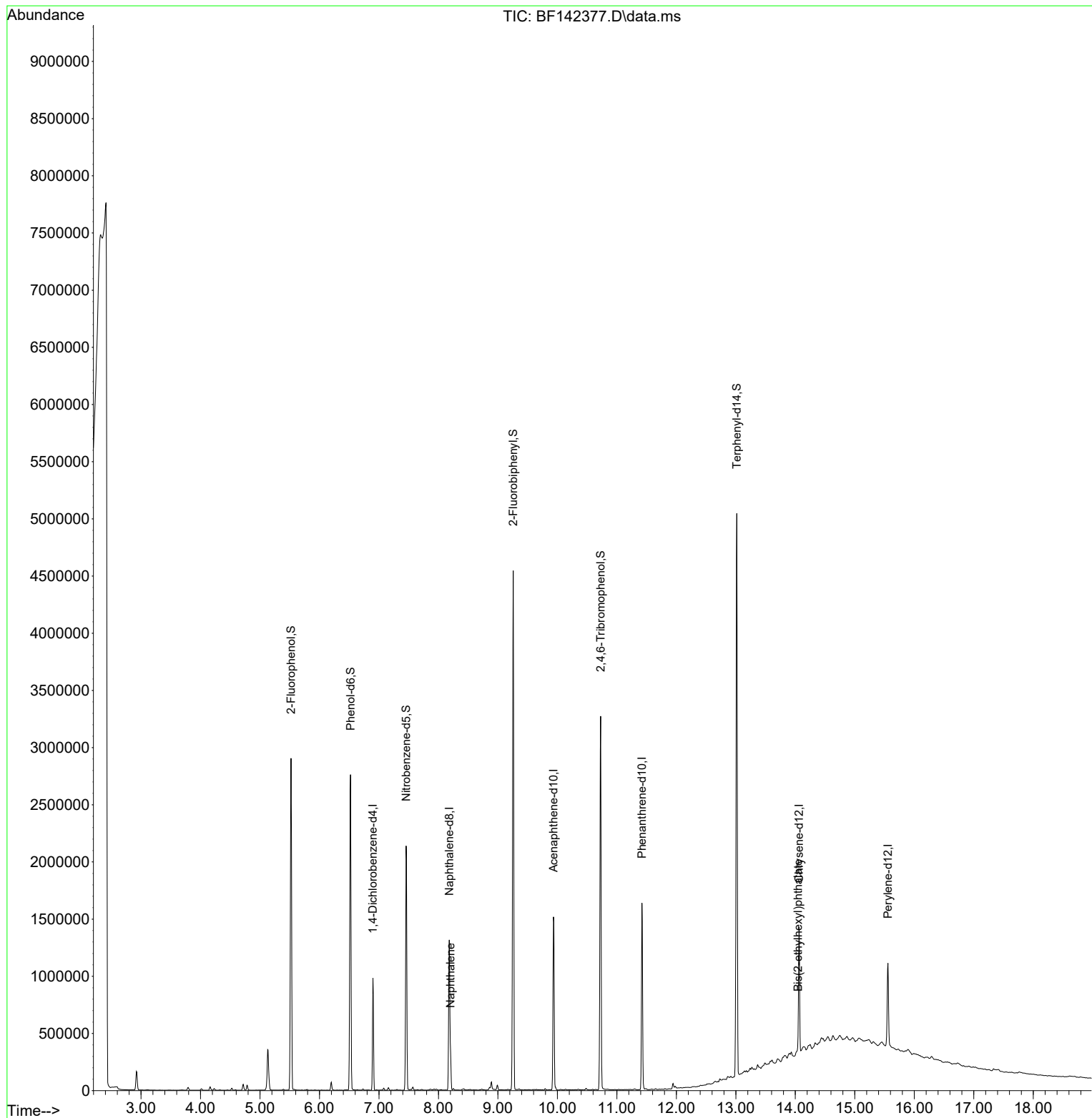
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	207314	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	826406	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	479000	20.000	ng	-0.01
64) Phenanthrene-d10	11.422	188	849473	20.000	ng	-0.01
76) Chrysene-d12	14.063	240	535431	20.000	ng	0.00
86) Perylene-d12	15.557	264	446219	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1135359	93.488	ng	0.01
7) Phenol-d6	6.522	99	1377322	92.211	ng	0.00
23) Nitrobenzene-d5	7.457	82	929225	68.575	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	666002	144.011	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2157690	64.230	ng	0.00
79) Terphenyl-d14	13.016	244	2612947	72.230	ng	0.00
Target Compounds						
31) Naphthalene	8.204	128	203898	5.091	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	12956	4.889	ng	# 96

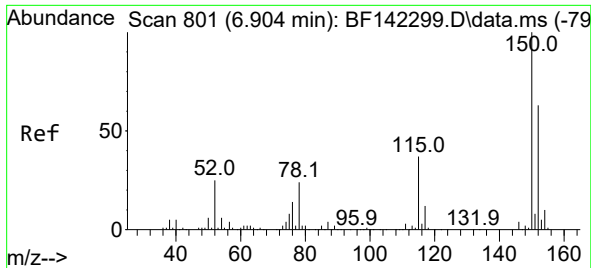
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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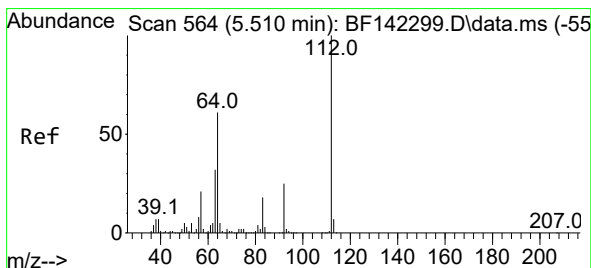
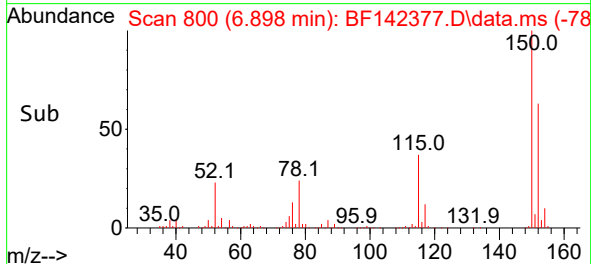
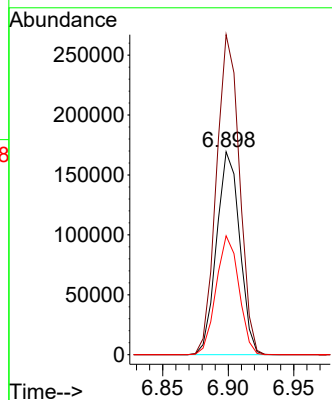
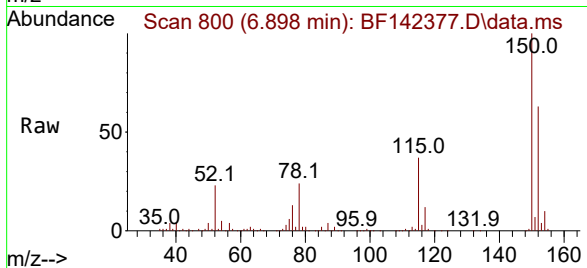




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 801
 Delta R.T. -0.006 min
 Lab File: BF142377.D
 Acq: 14 May 2025 20:37

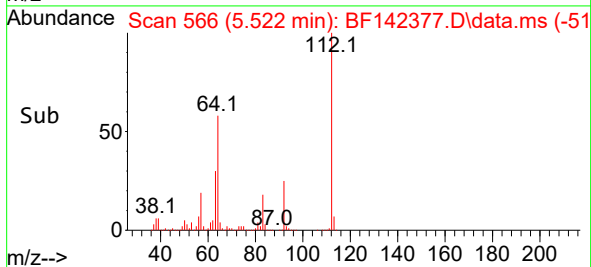
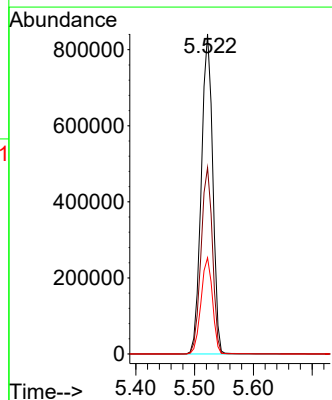
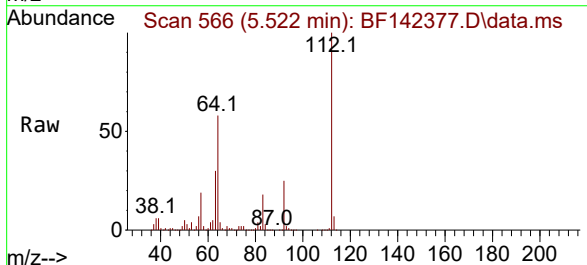
Instrument :
 BNA_F
 ClientSampleId :
 MH-J

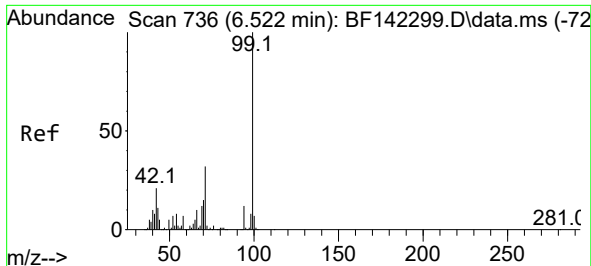
Tgt Ion:152 Resp: 207314
 Ion Ratio Lower Upper
 152 100
 150 157.8 126.6 190.0
 115 58.6 47.3 70.9



#5
 2-Fluorophenol
 Concen: 93.488 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.012 min
 Lab File: BF142377.D
 Acq: 14 May 2025 20:37

Tgt Ion:112 Resp: 1135359
 Ion Ratio Lower Upper
 112 100
 64 58.2 48.9 73.3
 63 30.0 25.6 38.4

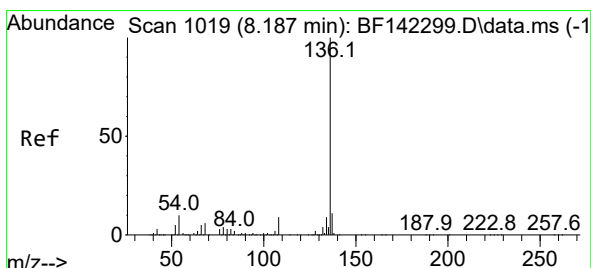
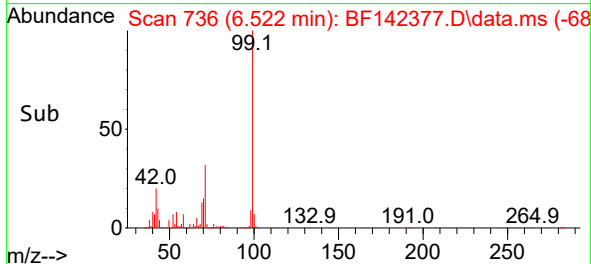
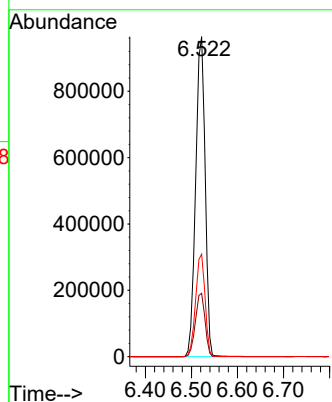
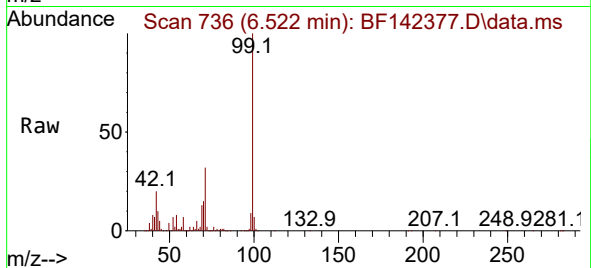




#7
Phenol-d6
Concen: 92.211 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142377.D
Acq: 14 May 2025 20:37

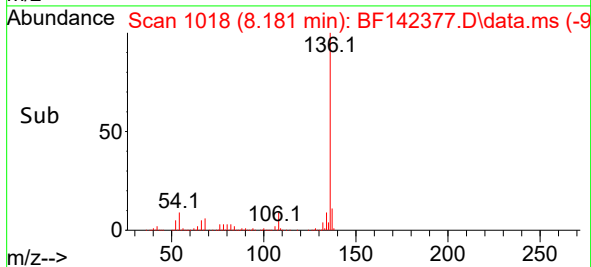
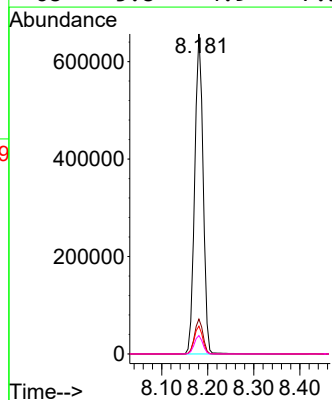
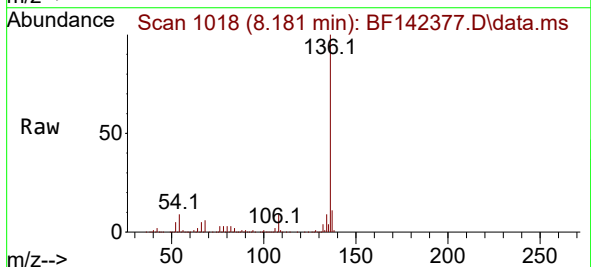
Instrument :
BNA_F
ClientSampleId :
MH-J

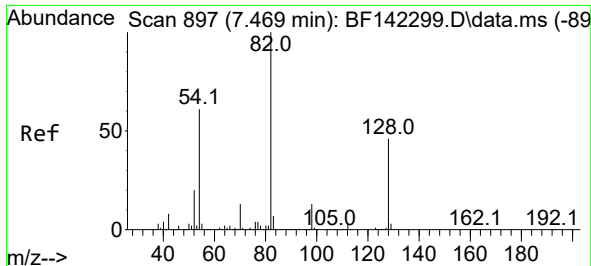
Tgt Ion: 99 Resp: 1377322
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.4
71 32.1 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142377.D
Acq: 14 May 2025 20:37

Tgt Ion:136 Resp: 826406
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.7 7.7 11.5
68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 68.575 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF142377.D

Acq: 14 May 2025 20:37

Instrument :

BNA_F

ClientSampleId :

MH-J

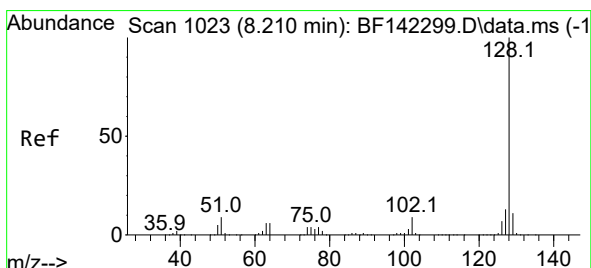
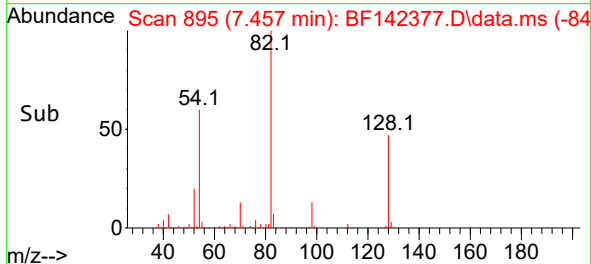
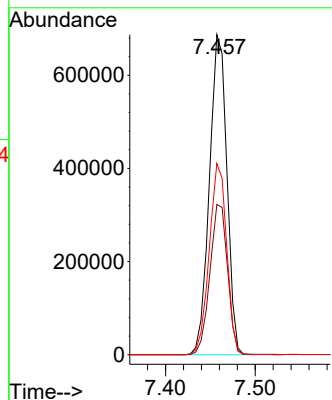
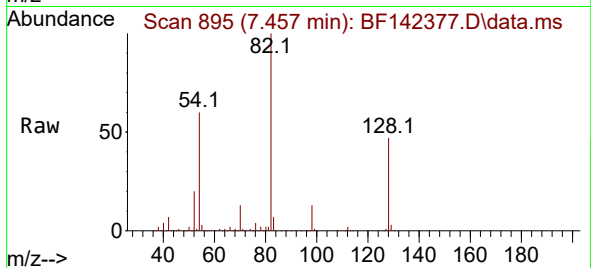
Tgt Ion: 82 Resp: 929225

Ion Ratio Lower Upper

82 100

128 46.9 37.0 55.6

54 59.7 48.6 73.0



#31

Naphthalene

Concen: 5.091 ng

RT: 8.204 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF142377.D

Acq: 14 May 2025 20:37

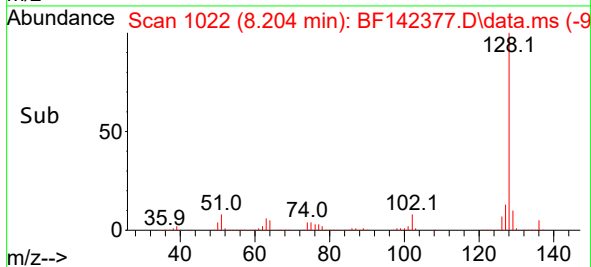
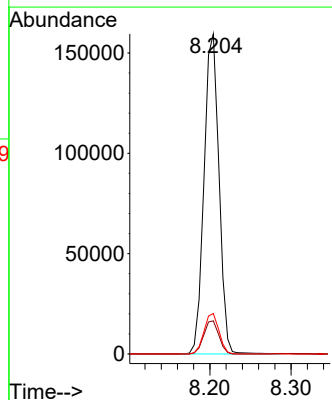
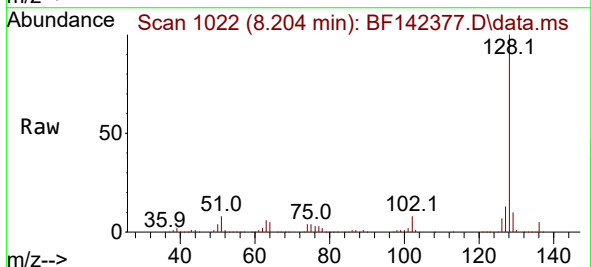
Tgt Ion:128 Resp: 203898

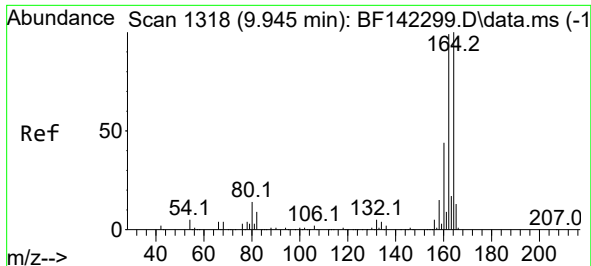
Ion Ratio Lower Upper

128 100

129 10.4 9.1 13.7

127 12.6 10.5 15.7

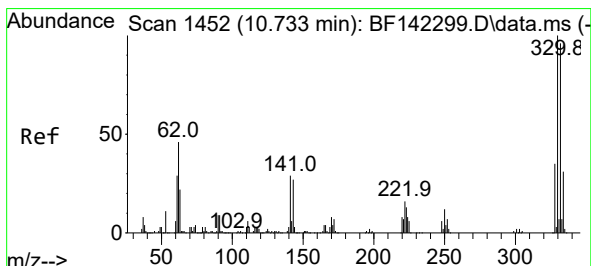
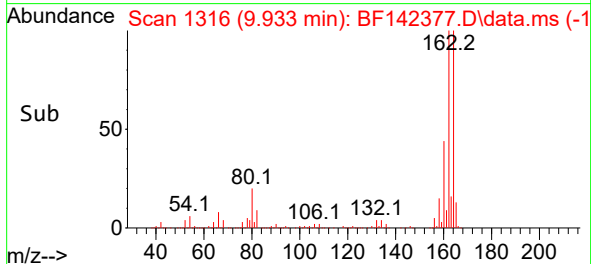
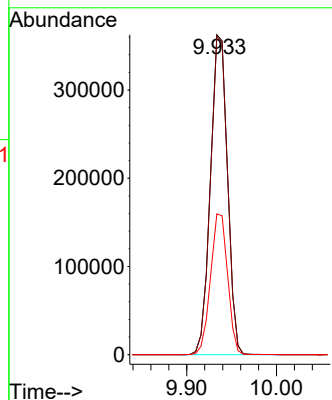
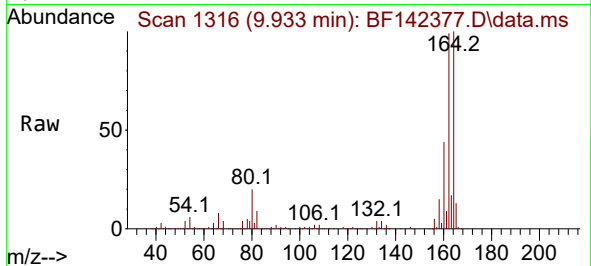




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF142377.D
Acq: 14 May 2025 20:37

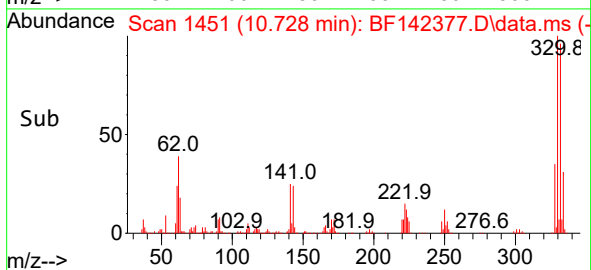
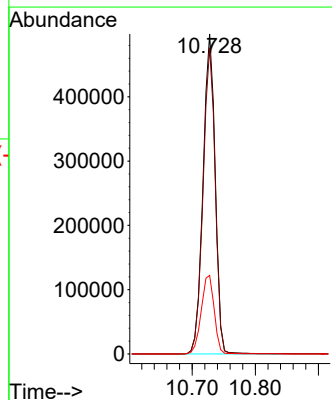
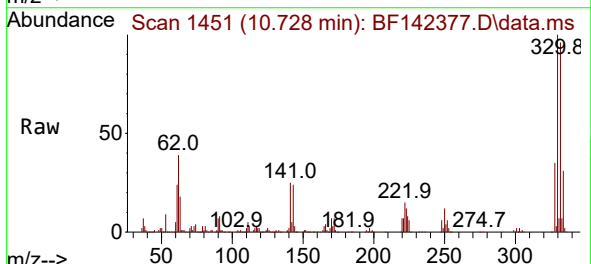
Instrument :
BNA_F
ClientSampleId :
MH-J

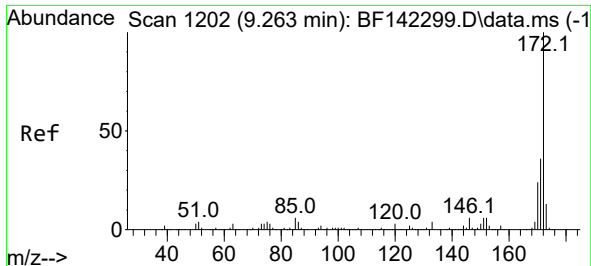
Tgt Ion:164 Resp: 479000
Ion Ratio Lower Upper
164 100
162 99.5 79.2 118.8
160 44.0 35.3 52.9



#42
2,4,6-Tribromophenol
Concen: 144.011 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142377.D
Acq: 14 May 2025 20:37

Tgt Ion:330 Resp: 666002
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 26.3 24.9 37.3





#45

2-Fluorobiphenyl

Concen: 64.230 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142377.D

Acq: 14 May 2025 20:37

Instrument :

BNA_F

ClientSampleId :

MH-J

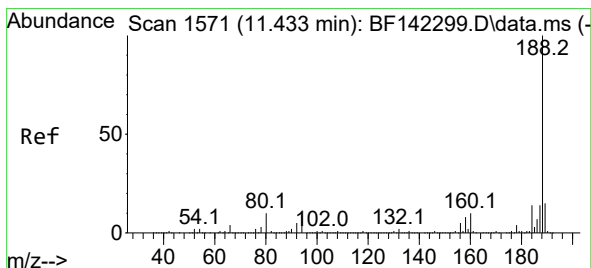
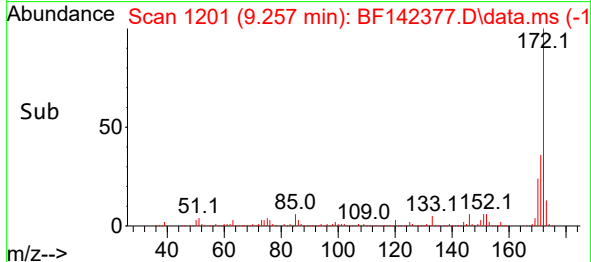
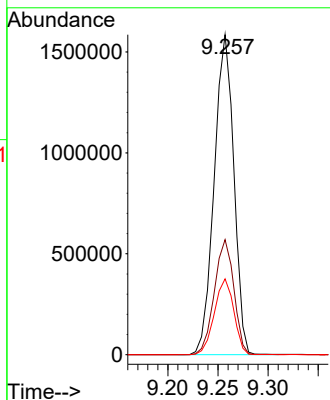
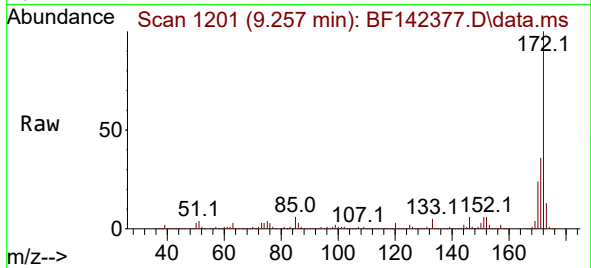
Tgt Ion:172 Resp: 2157690

Ion Ratio Lower Upper

172 100

171 36.0 28.6 42.8

170 23.7 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1569

Delta R.T. -0.012 min

Lab File: BF142377.D

Acq: 14 May 2025 20:37

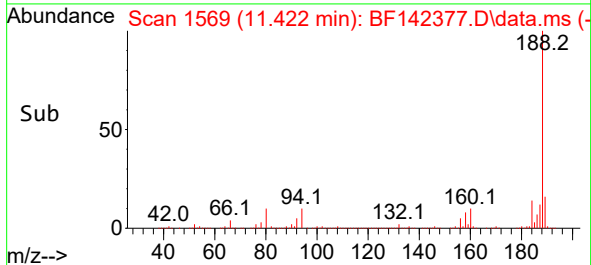
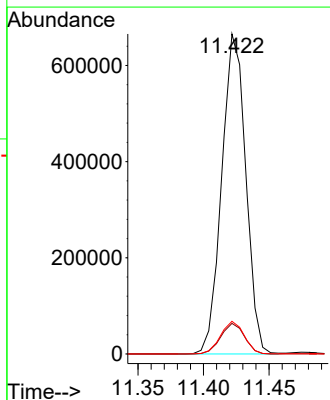
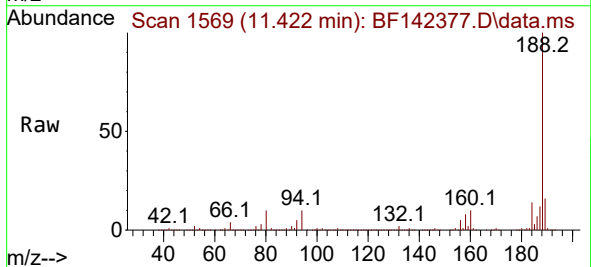
Tgt Ion:188 Resp: 849473

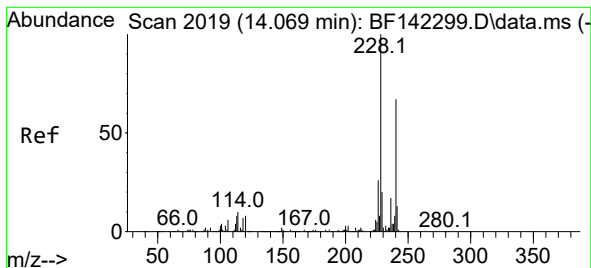
Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.2 7.9 11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142377.D

Acq: 14 May 2025 20:37

Instrument :

BNA_F

ClientSampleId :

MH-J

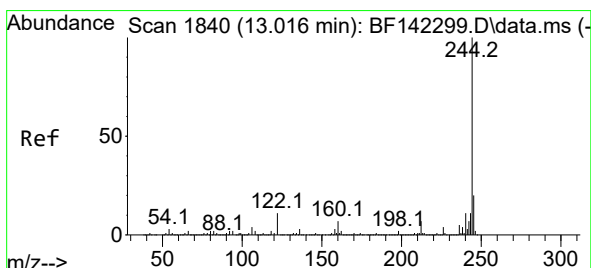
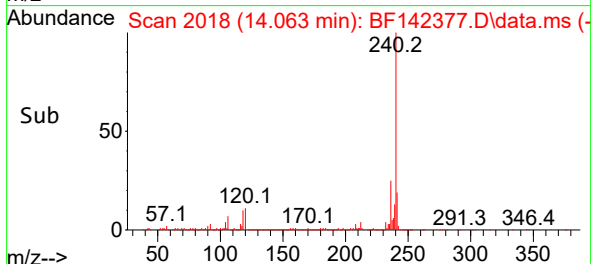
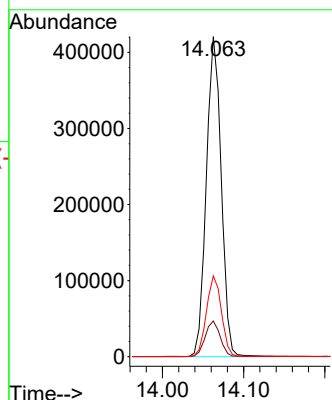
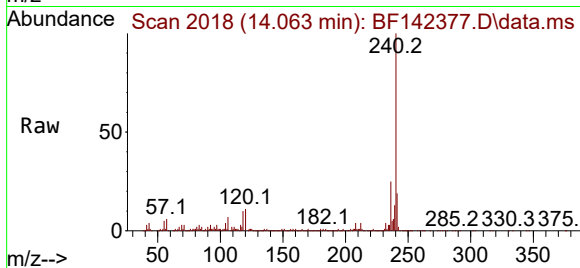
Tgt Ion:240 Resp: 535431

Ion Ratio Lower Upper

240 100

120 11.2 9.7 14.5

236 25.3 20.0 30.0



#79

Terphenyl-d14

Concen: 72.230 ng

RT: 13.016 min Scan# 1840

Delta R.T. -0.000 min

Lab File: BF142377.D

Acq: 14 May 2025 20:37

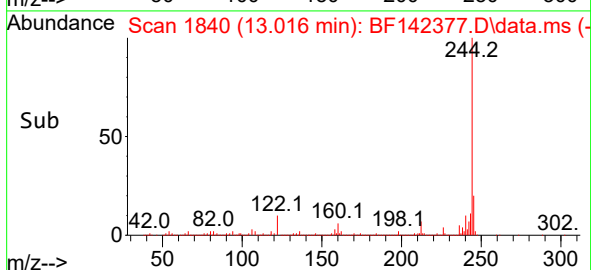
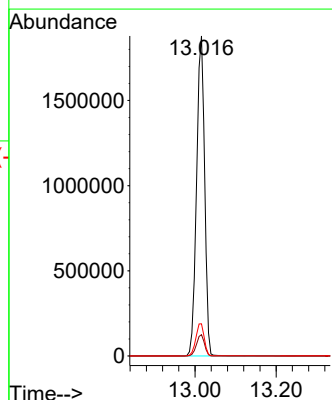
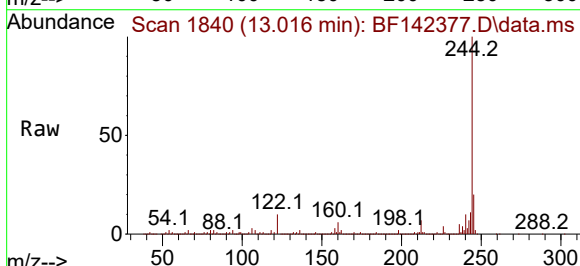
Tgt Ion:244 Resp: 2612947

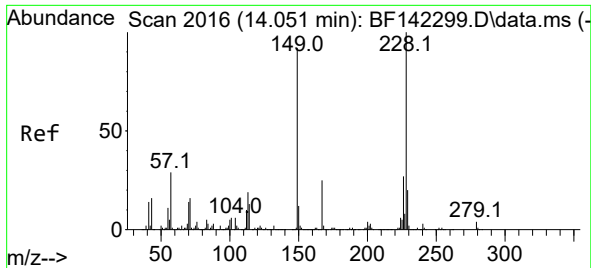
Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.1 9.0 13.4

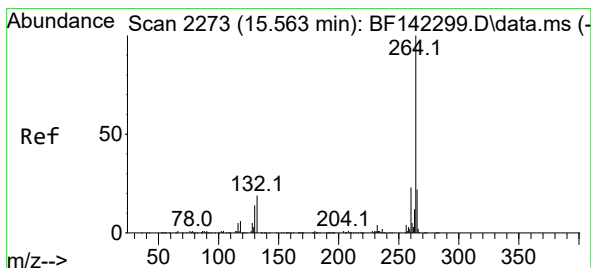
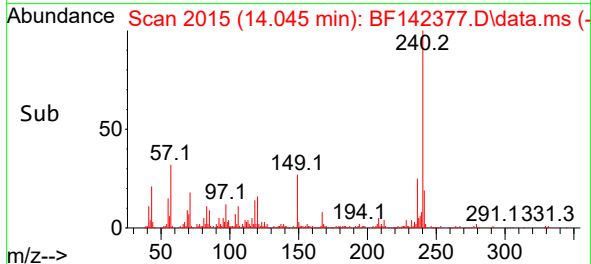
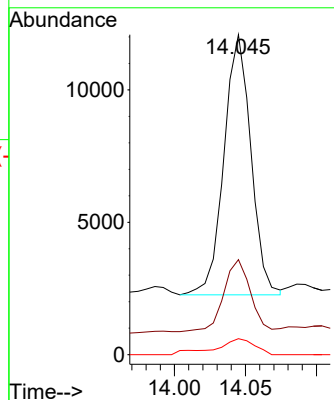
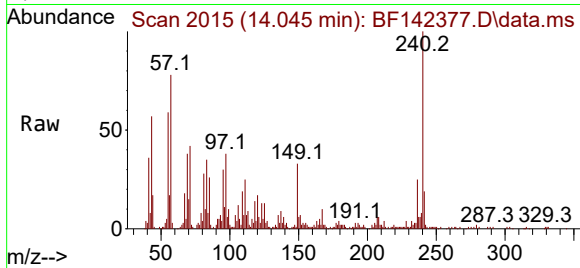




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.889 ng
RT: 14.045 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF142377.D
Acq: 14 May 2025 20:37

Instrument :
BNA_F
ClientSampleId :
MH-J

Tgt Ion:149 Resp: 12956
Ion Ratio Lower Upper
149 100
167 29.7 22.0 33.0
279 5.0 3.0 4.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142377.D
Acq: 14 May 2025 20:37

Tgt Ion:264 Resp: 446219
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 22.0 17.5 26.3

