

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051325\
 Data File : BF142337.D
 Acq On : 13 May 2025 11:17
 Operator : RC/JU
 Sample : PB167951BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167951BL

Quant Time: May 13 11:41:06 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	6.904	152	233617	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	911574	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	504645	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	917241	20.000	ng	0.00
76) Chrysene-d12	14.068	240	662807	20.000	ng	0.00
86) Perylene-d12	15.557	264	462932	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1677167	122.553	ng	0.02
7) Phenol-d6	6.522	99	1998713	118.747	ng	0.00
23) Nitrobenzene-d5	7.463	82	1226100	82.030	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	668977	137.303	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2505995	70.807	ng	0.00
79) Terphenyl-d14	13.016	244	2907827	64.934	ng	0.00

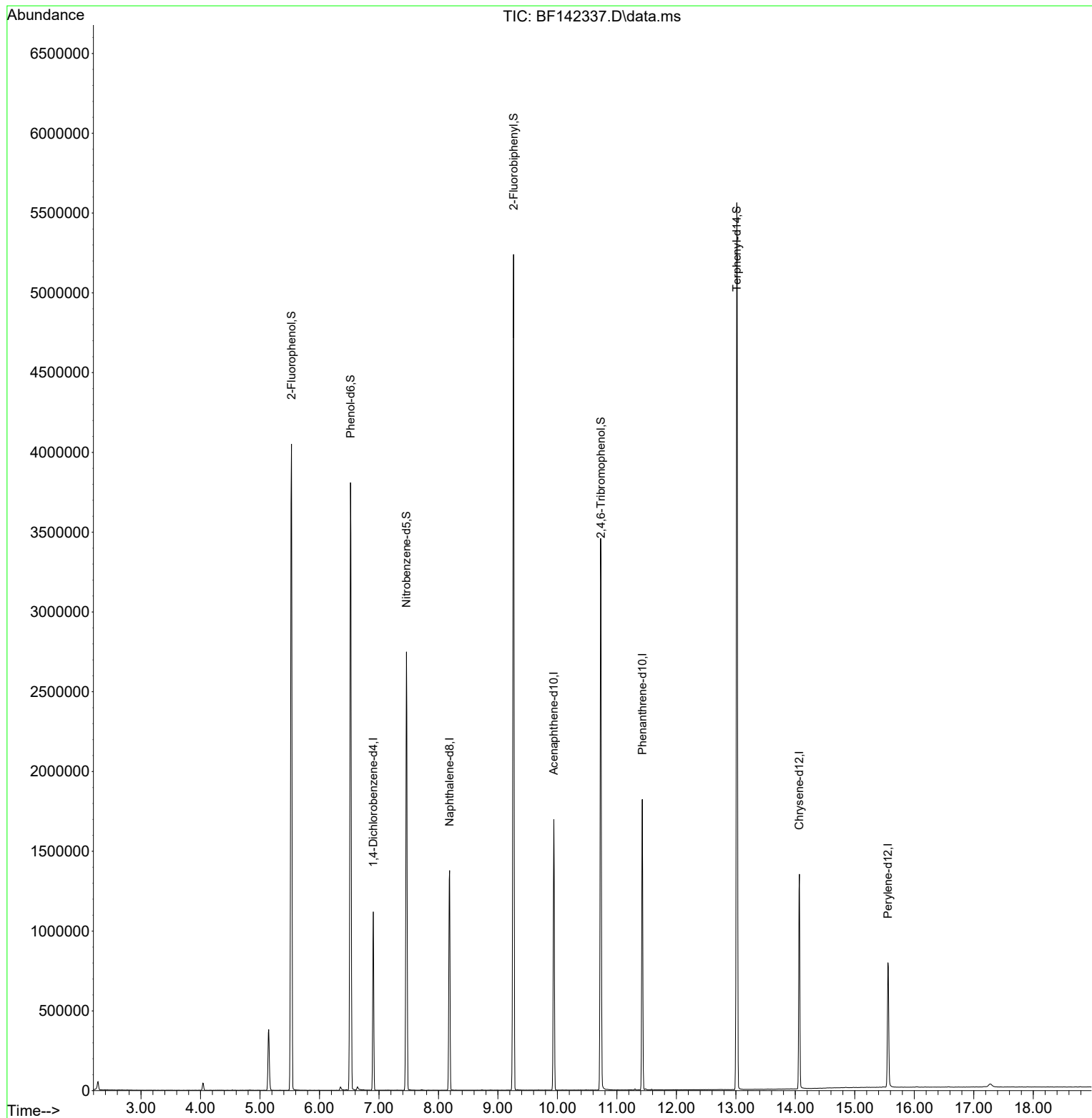
Target Compounds	Qvalue

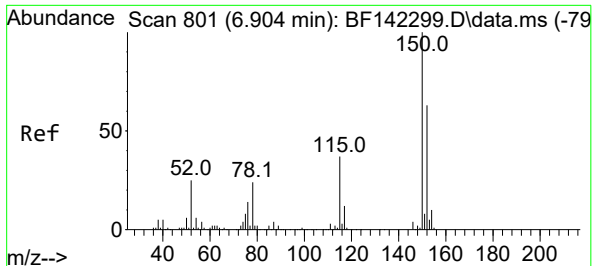
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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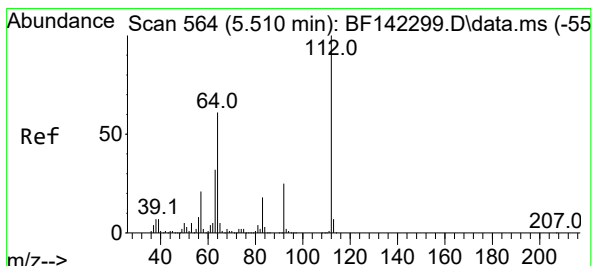
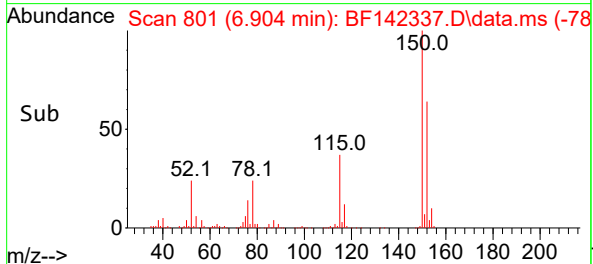
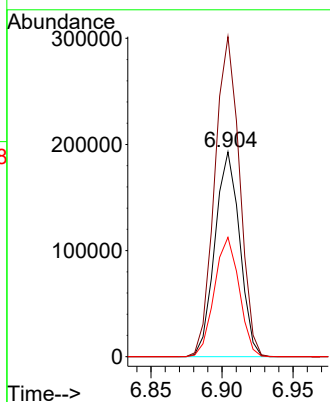
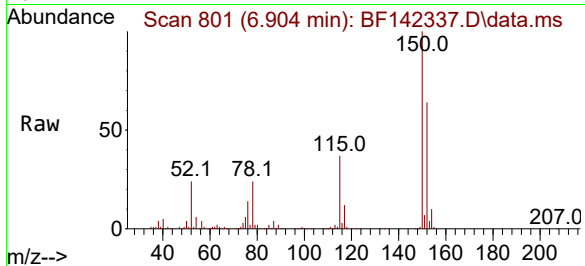




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142337.D
 Acq: 13 May 2025 11:17

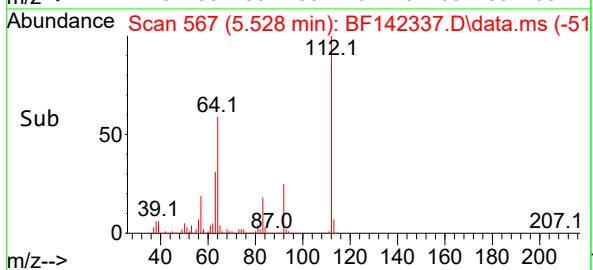
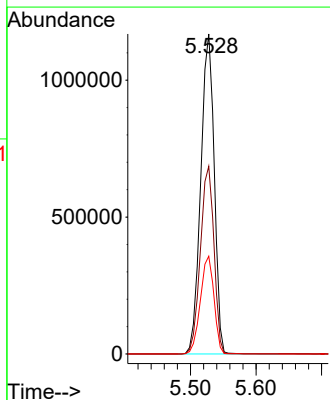
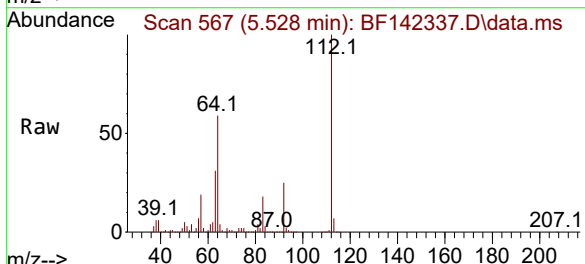
Instrument :
 BNA_F
 ClientSampleId :
 PB167951BL

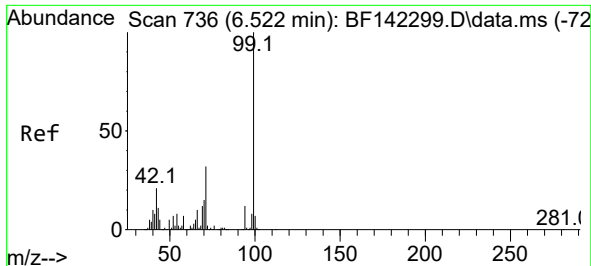
Tgt Ion:152 Resp: 233617
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.6 190.0
 115 58.3 47.3 70.9



#5
 2-Fluorophenol
 Concen: 122.553 ng
 RT: 5.528 min Scan# 567
 Delta R.T. 0.018 min
 Lab File: BF142337.D
 Acq: 13 May 2025 11:17

Tgt Ion:112 Resp: 1677167
 Ion Ratio Lower Upper
 112 100
 64 58.7 48.9 73.3
 63 30.6 25.6 38.4

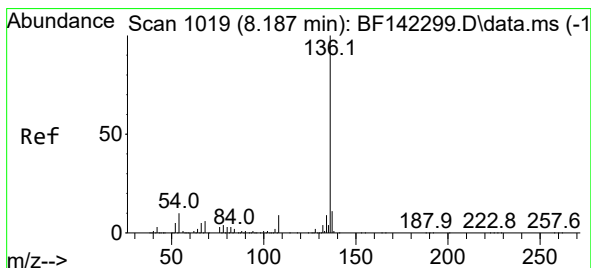
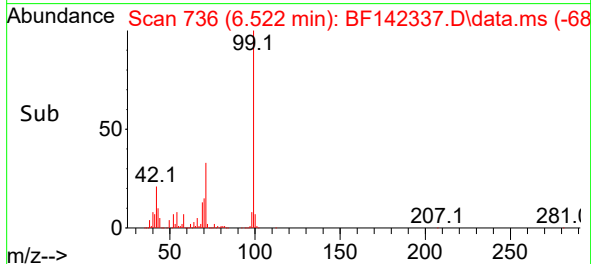
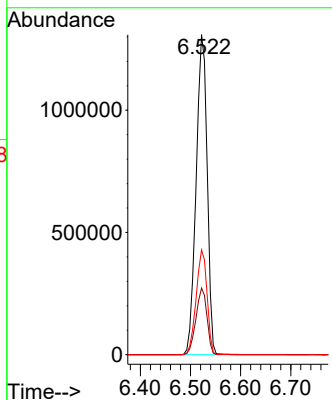
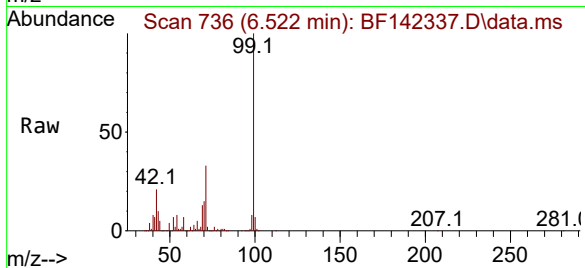




#7
Phenol-d6
Concen: 118.747 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

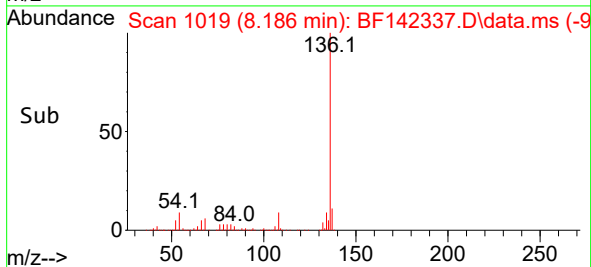
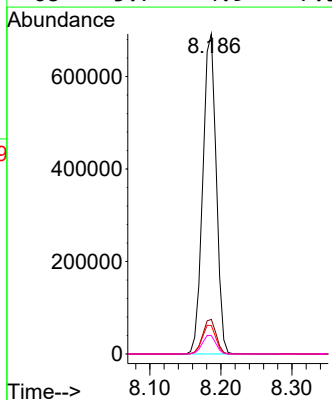
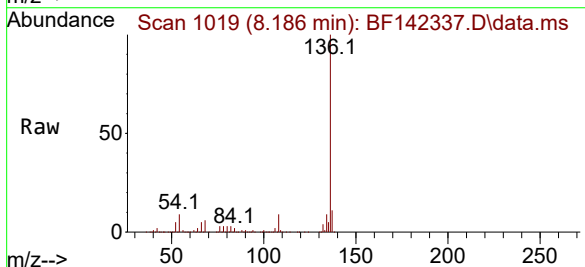
Instrument :
BNA_F
ClientSampleId :
PB167951BL

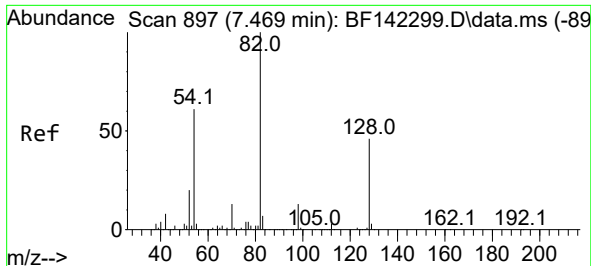
Tgt Ion: 99 Resp: 1998713
Ion Ratio Lower Upper
99 100
42 20.8 17.0 25.4
71 32.8 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

Tgt Ion: 136 Resp: 911574
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 8.9 7.7 11.5
68 5.7 4.9 7.3





#23

Nitrobenzene-d5

Concen: 82.030 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142337.D

Acq: 13 May 2025 11:17

Instrument :

BNA_F

ClientSampleId :

PB167951BL

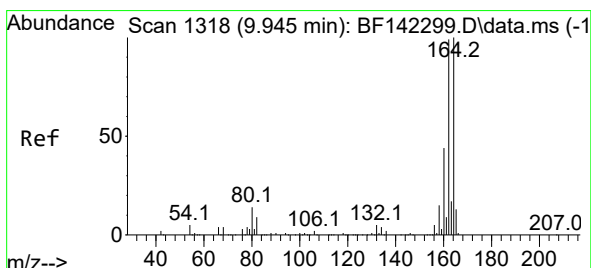
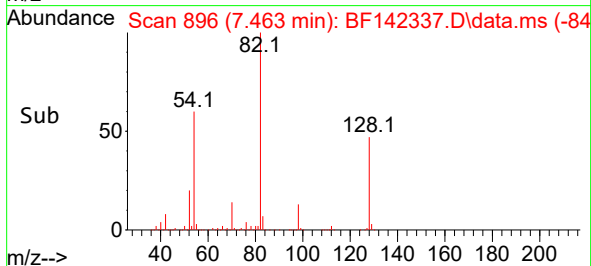
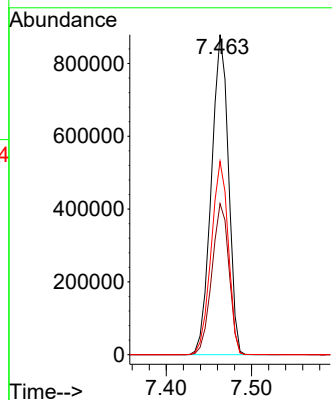
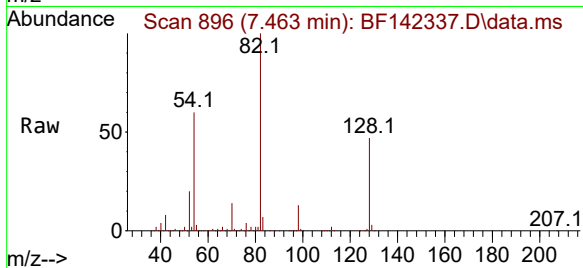
Tgt Ion: 82 Resp: 1226100

Ion Ratio Lower Upper

82 100

128 47.2 37.0 55.6

54 60.4 48.6 73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF142337.D

Acq: 13 May 2025 11:17

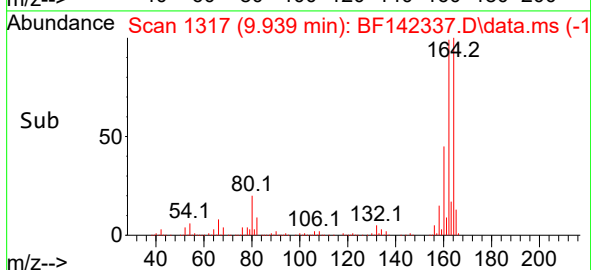
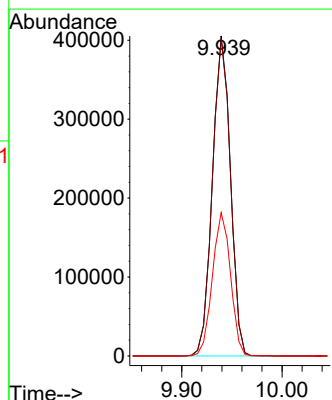
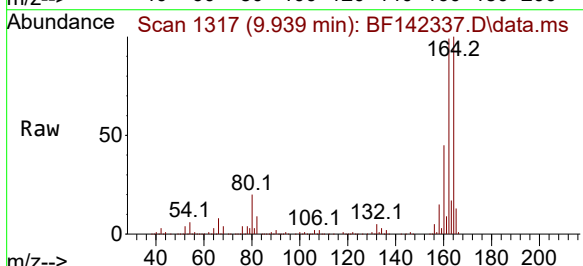
Tgt Ion: 164 Resp: 504645

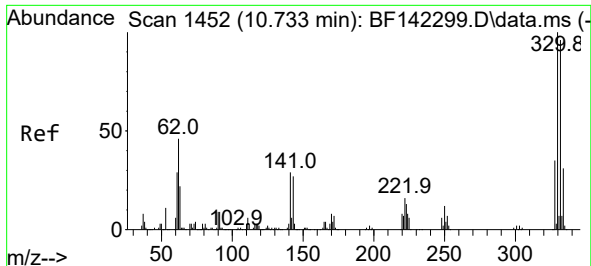
Ion Ratio Lower Upper

164 100

162 99.2 79.2 118.8

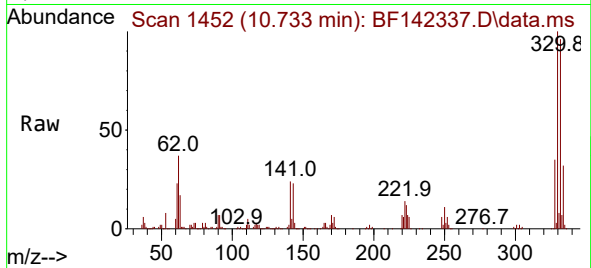
160 44.8 35.3 52.9



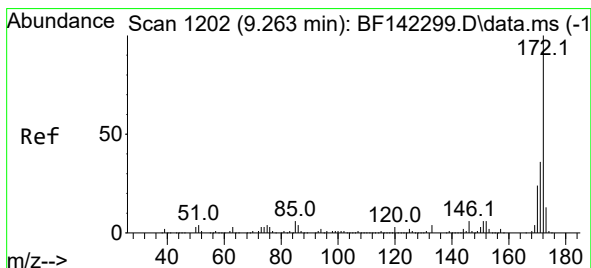
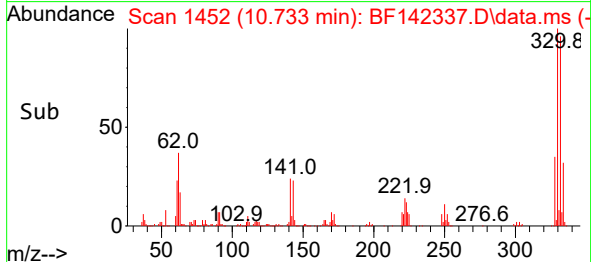
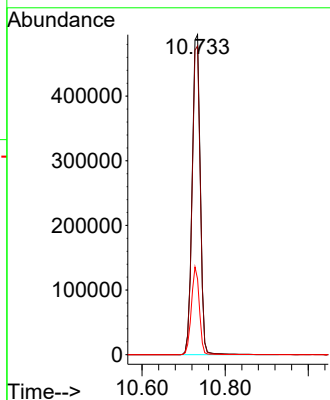


#42
2,4,6-Tribromophenol
Concen: 137.303 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

Instrument :
BNA_F
ClientSampleId :
PB167951BL

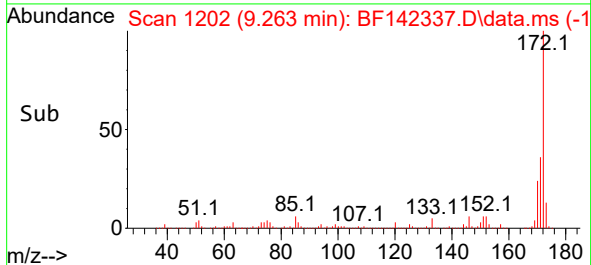
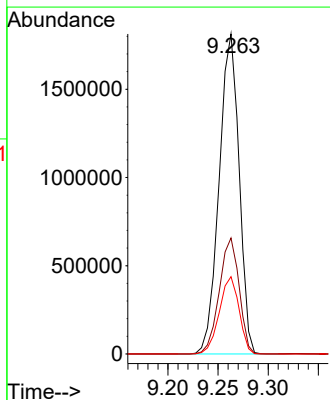
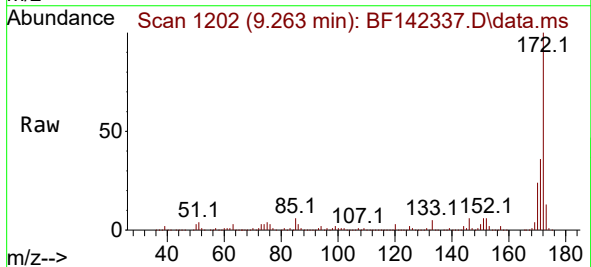


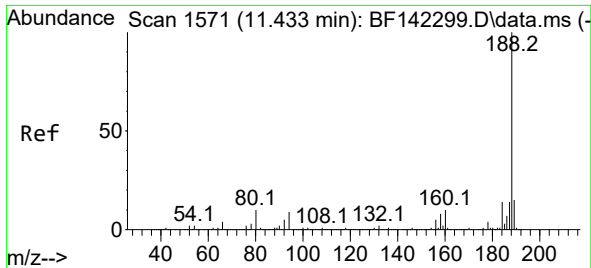
Tgt Ion:330 Resp: 668977
Ion Ratio Lower Upper
330 100
332 96.8 76.8 115.2
141 27.0 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 70.807 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

Tgt Ion:172 Resp: 2505995
Ion Ratio Lower Upper
172 100
171 36.3 28.6 42.8
170 24.1 19.0 28.4

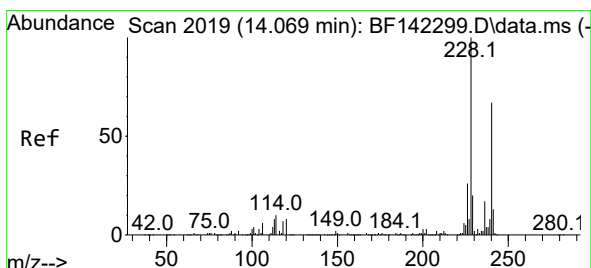
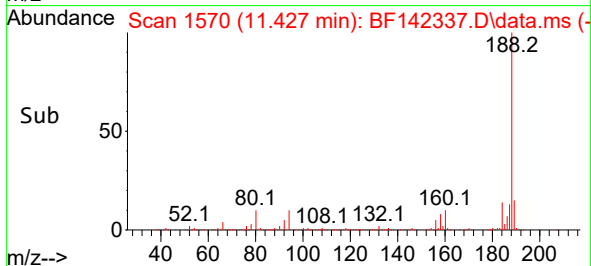
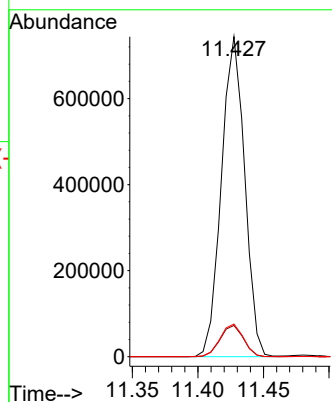
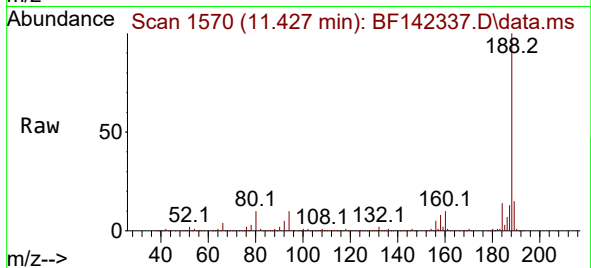




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

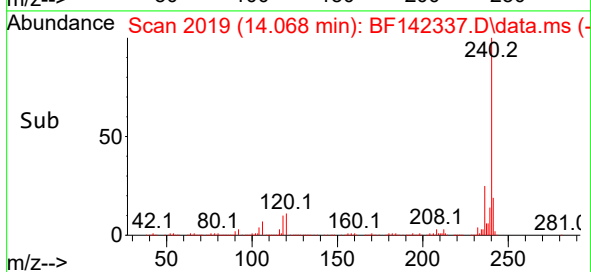
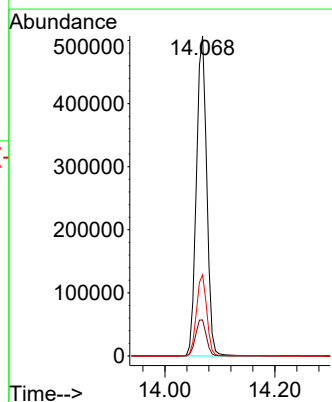
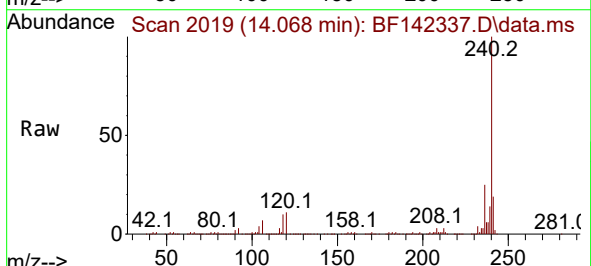
Instrument :
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ClientSampleId :
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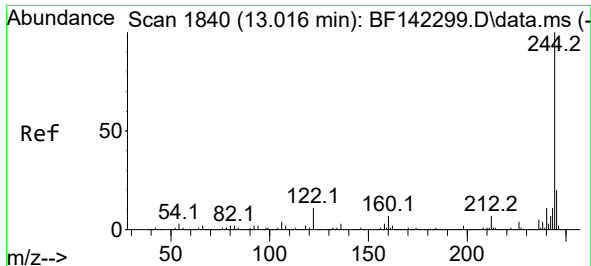
Tgt Ion:188 Resp: 917241
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142337.D
Acq: 13 May 2025 11:17

Tgt Ion:240 Resp: 662807
Ion Ratio Lower Upper
240 100
120 11.2 9.7 14.5
236 25.4 20.0 30.0

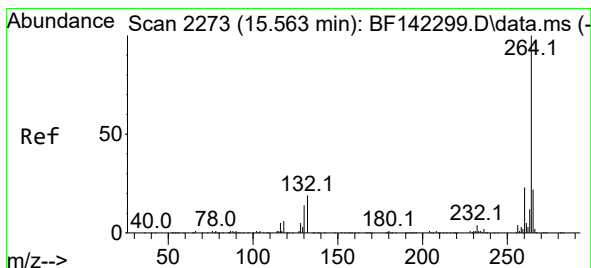
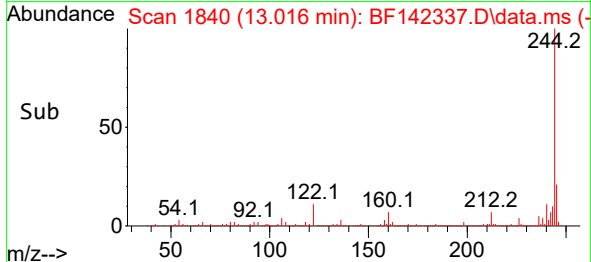
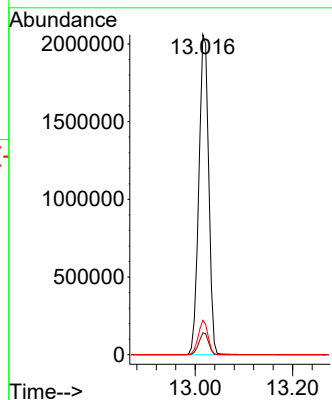
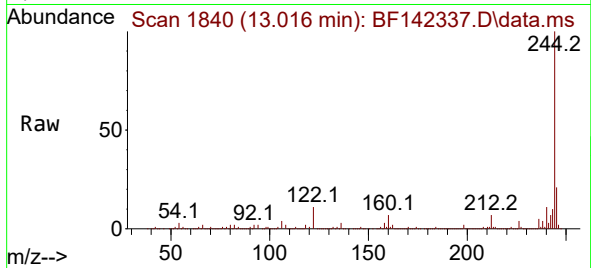




#79
 Terphenyl-d14
 Concen: 64.934 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142337.D
 Acq: 13 May 2025 11:17

Instrument :
 BNA_F
 ClientSampleId :
 PB167951BL

Tgt Ion:244 Resp: 2907827
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.8 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2272
 Delta R.T. -0.006 min
 Lab File: BF142337.D
 Acq: 13 May 2025 11:17

Tgt Ion:264 Resp: 462932
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.9 17.5 26.3

