

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051625\
 Data File : BF142417.D
 Acq On : 16 May 2025 10:14
 Operator : RC/JU
 Sample : PB168000BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168000BL

Quant Time: May 16 12:00:33 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	173296	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	666655	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	360102	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	640482	20.000	ng	0.00
76) Chrysene-d12	14.063	240	454613	20.000	ng	0.00
86) Perylene-d12	15.557	264	338767	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1216066	119.790	ng	0.02
7) Phenol-d6	6.528	99	1482282	118.718	ng	0.00
23) Nitrobenzene-d5	7.463	82	909313	83.186	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	499603	143.700	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1848074	73.177	ng	0.00
79) Terphenyl-d14	13.016	244	2056898	66.967	ng	0.00

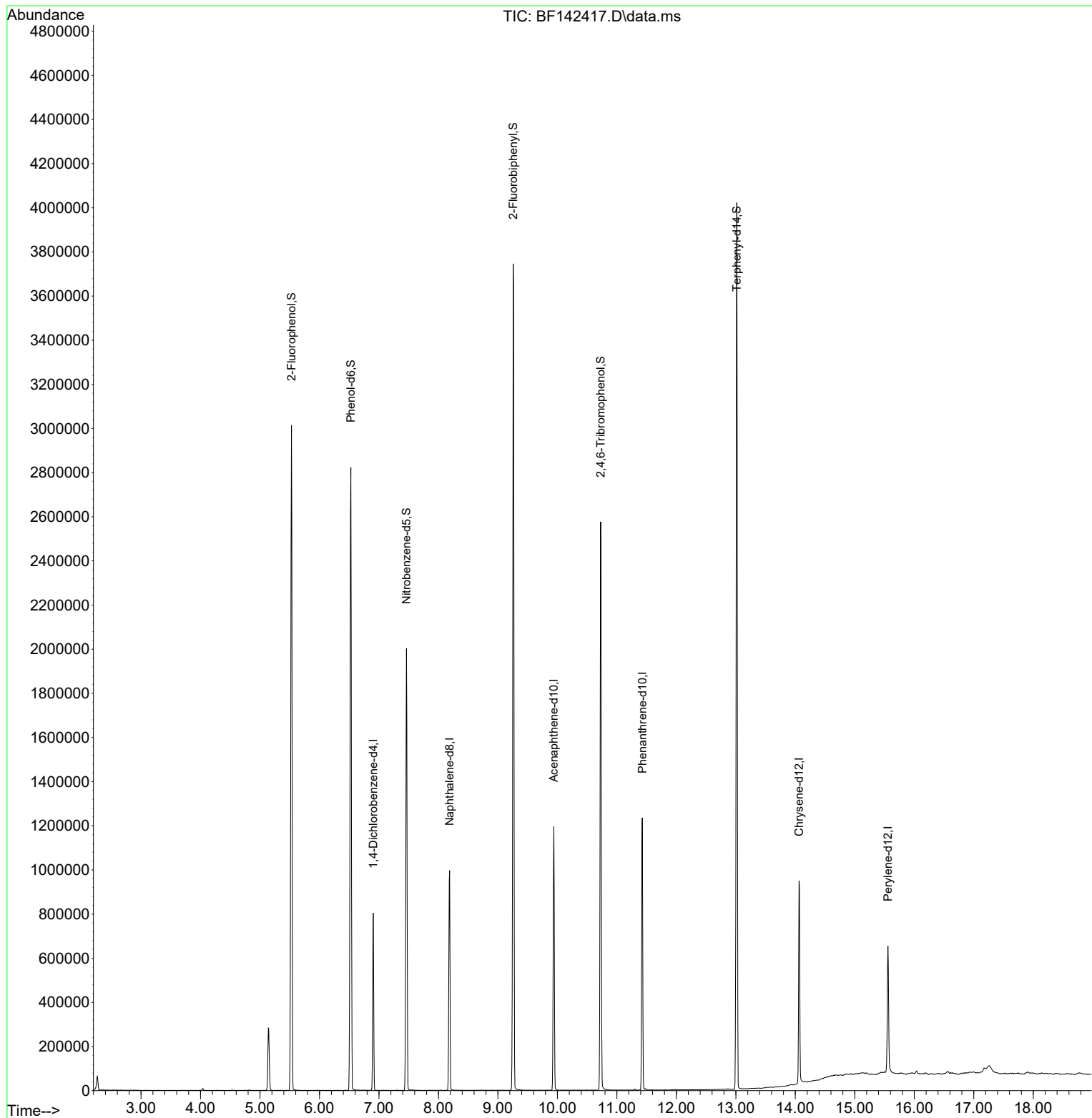
Target Compounds	Qvalue

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

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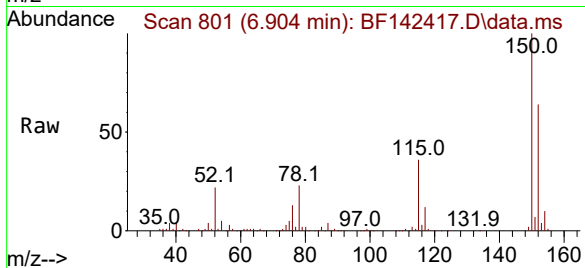
Quant Time: May 16 12:00:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
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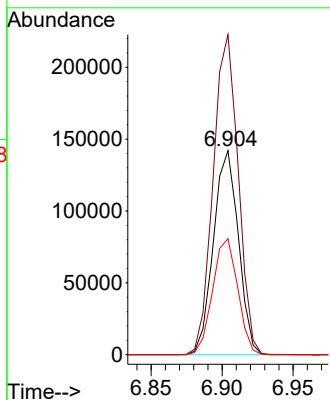
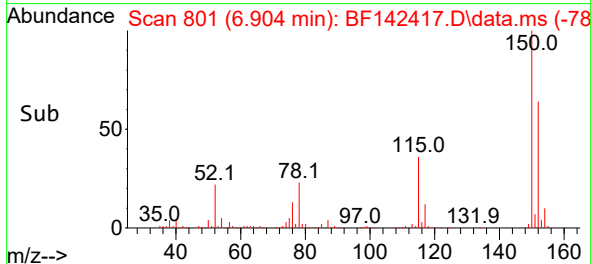


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

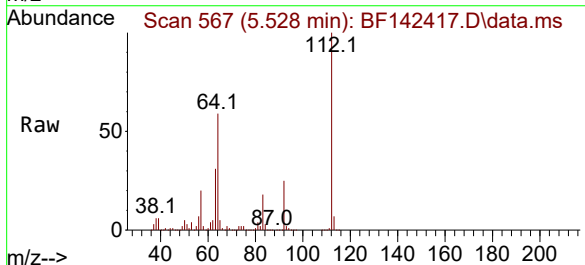
Instrument :
BNA_F
ClientSampleId :
PB168000BL



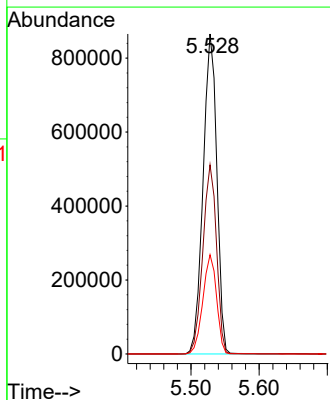
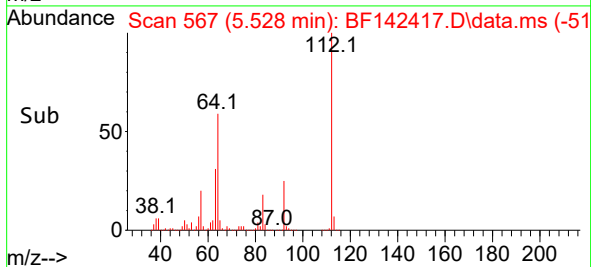
Tgt Ion:152 Resp: 173296
Ion Ratio Lower Upper
152 100
150 156.9 126.6 190.0
115 56.8 47.3 70.9

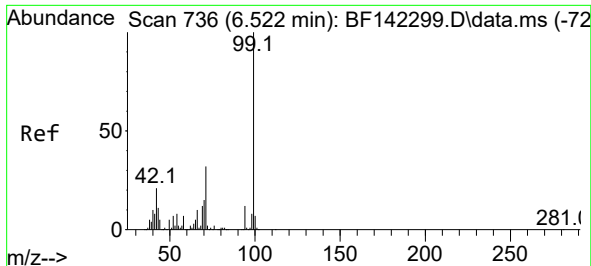


#5
2-Fluorophenol
Concen: 119.790 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14



Tgt Ion:112 Resp: 1216066
Ion Ratio Lower Upper
112 100
64 59.1 48.9 73.3
63 31.0 25.6 38.4



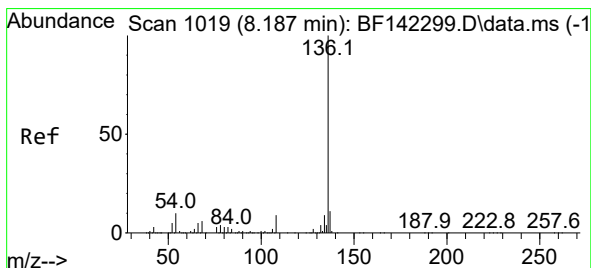
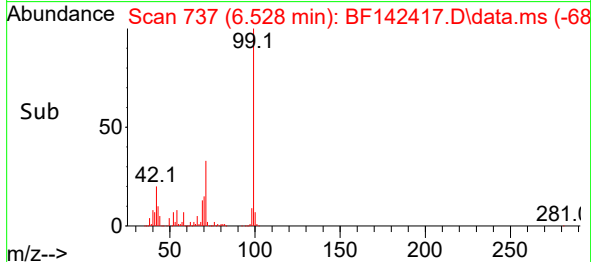
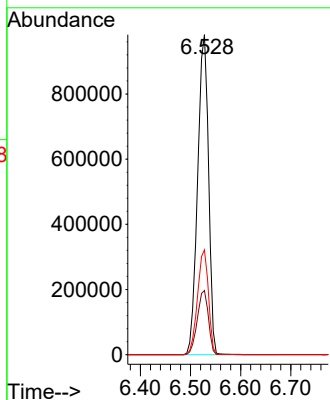
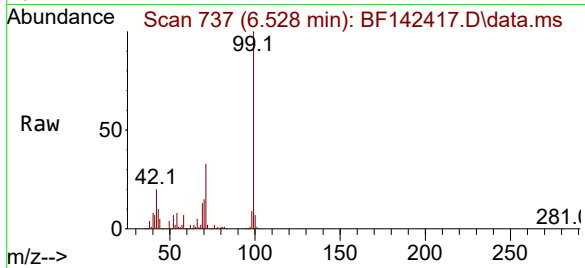


#7
Phenol-d6
Concen: 118.718 ng
RT: 6.528 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Instrument :
BNA_F
ClientSampleId :
PB168000BL

Tgt Ion: 99 Resp: 1482282

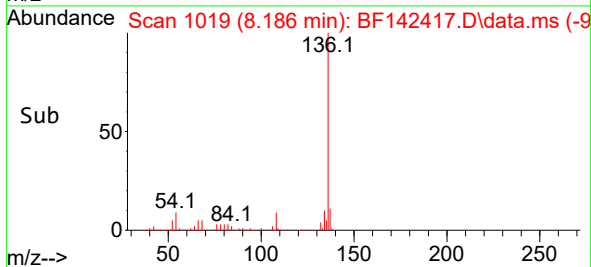
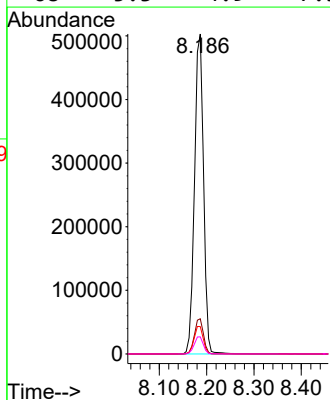
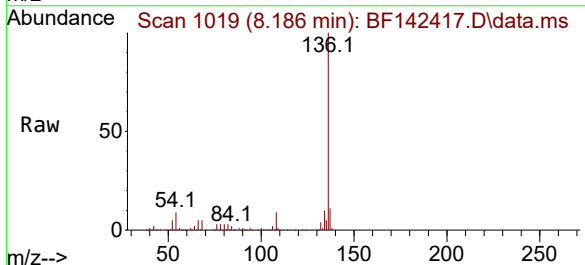
Ion	Ratio	Lower	Upper
99	100		
42	20.1	17.0	25.4
71	32.7	25.8	38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Tgt Ion: 136 Resp: 666655

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	7.7	11.5
68	5.3	4.9	7.3





#23

Nitrobenzene-d5

Concen: 83.186 ng

RT: 7.463 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142417.D

Acq: 16 May 2025 10:14

Instrument :

BNA_F

ClientSampleId :

PB168000BL

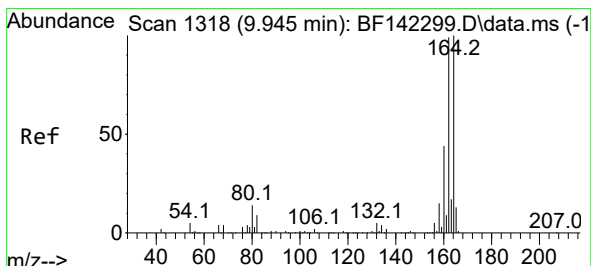
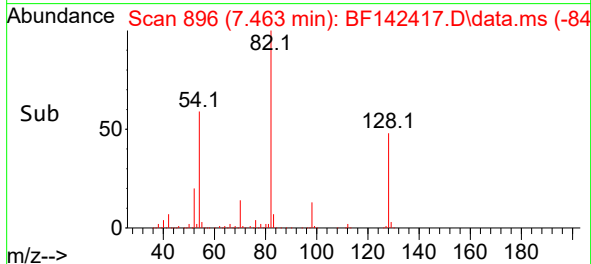
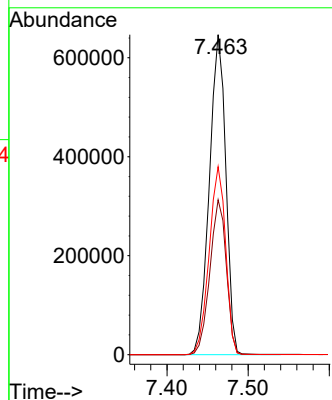
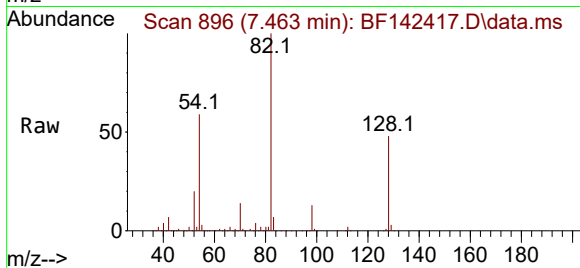
Tgt Ion: 82 Resp: 909313

Ion Ratio Lower Upper

82 100

128 48.4 37.0 55.6

54 58.7 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: BF142417.D

Acq: 16 May 2025 10:14

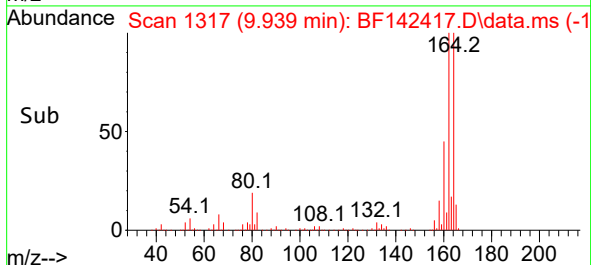
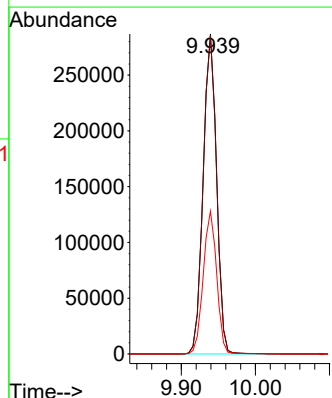
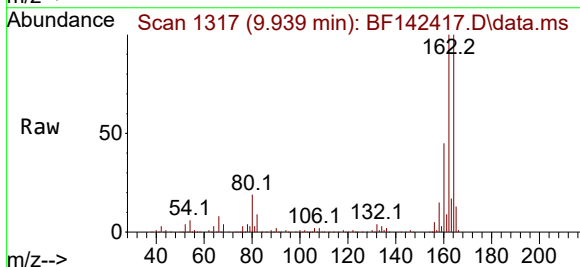
Tgt Ion:164 Resp: 360102

Ion Ratio Lower Upper

164 100

162 99.5 79.2 118.8

160 44.7 35.3 52.9

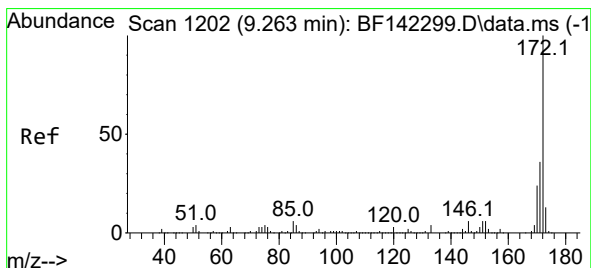
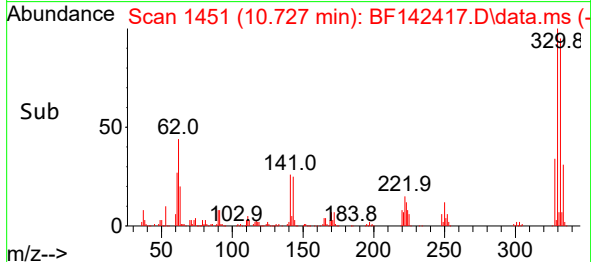
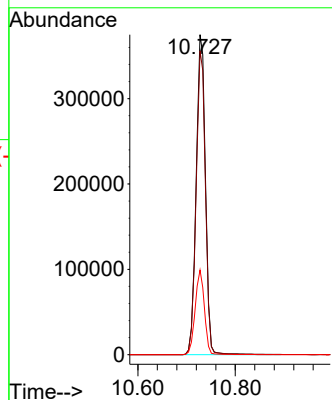
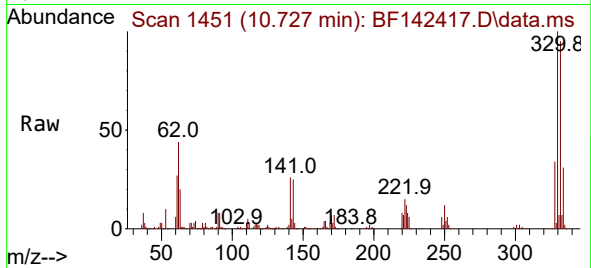




#42
2,4,6-Tribromophenol
Concen: 143.700 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

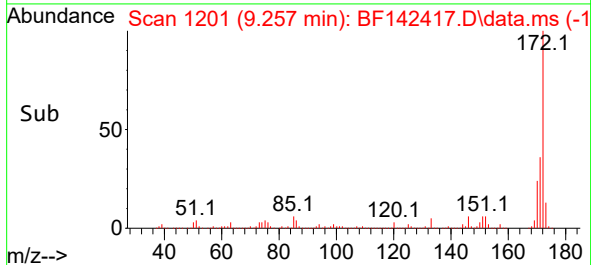
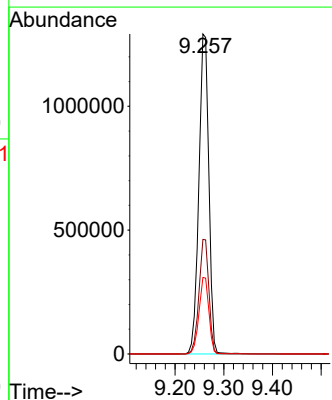
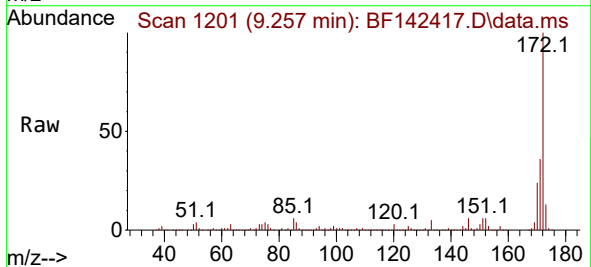
Instrument :
BNA_F
ClientSampleId :
PB168000BL

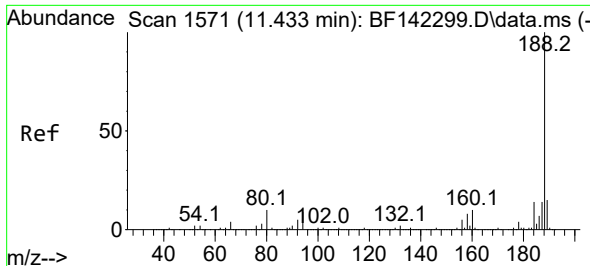
Tgt Ion:330 Resp: 499603
Ion Ratio Lower Upper
330 100
332 94.9 76.8 115.2
141 26.4 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 73.177 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

Tgt Ion:172 Resp: 1848074
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.9 19.0 28.4

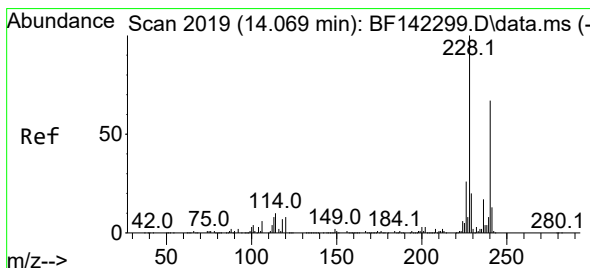
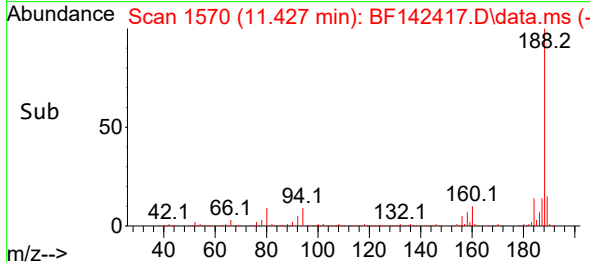
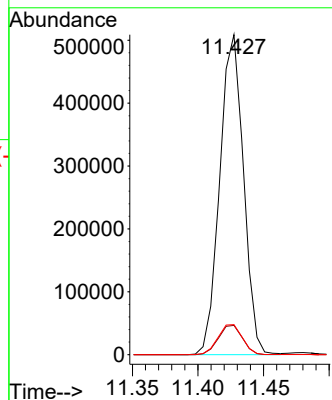
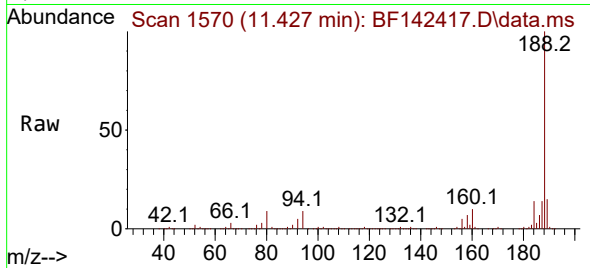




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

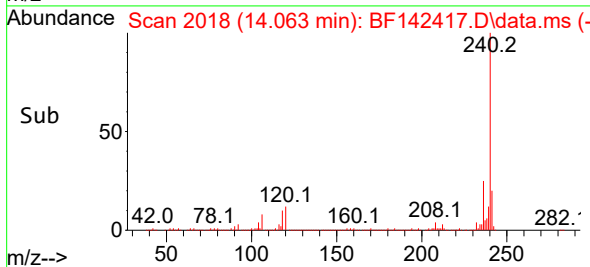
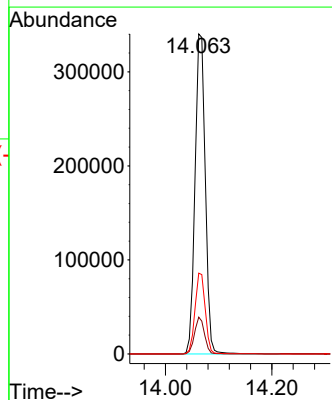
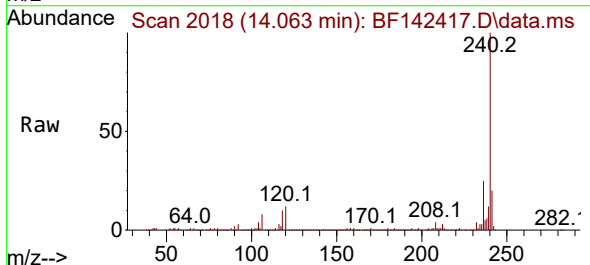
Instrument :
BNA_F
ClientSampleId :
PB168000BL

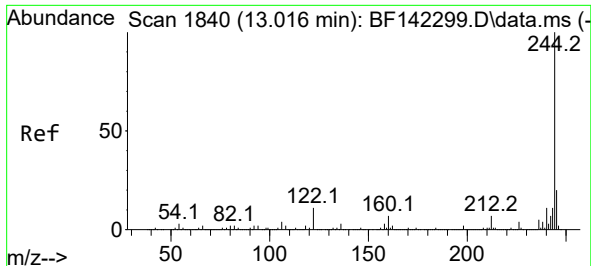
Tgt Ion:188 Resp: 640482
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF142417.D
Acq: 16 May 2025 10:14

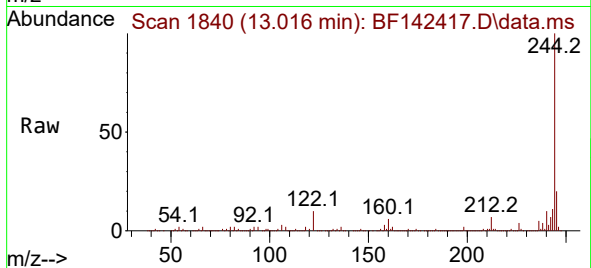
Tgt Ion:240 Resp: 454613
Ion Ratio Lower Upper
240 100
120 11.5 9.7 14.5
236 25.3 20.0 30.0



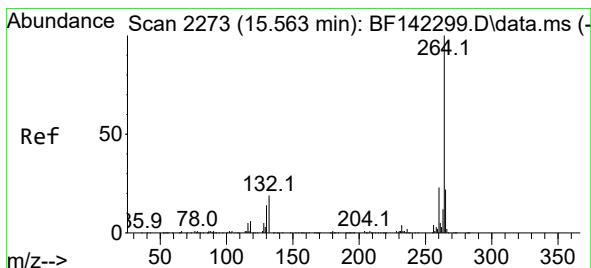
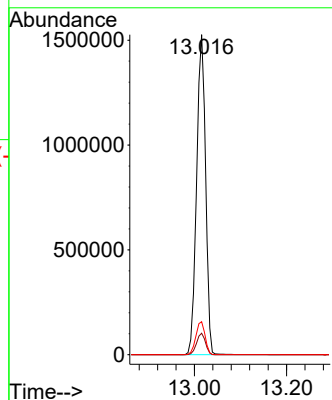
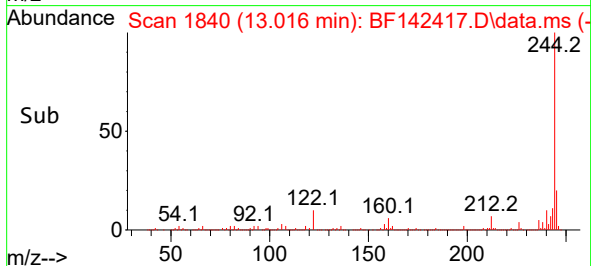


#79
 Terphenyl-d14
 Concen: 66.967 ng
 RT: 13.016 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF142417.D
 Acq: 16 May 2025 10:14

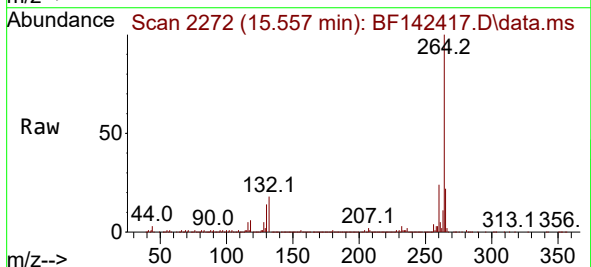
Instrument :
 BNA_F
 ClientSampleId :
 PB168000BL



Tgt Ion:244 Resp: 2056898
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.3 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: BF142417.D
 Acq: 16 May 2025 10:14



Tgt Ion:264 Resp: 338767
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 27.8
 265 21.7 17.5 26.3

