

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051225\
 Data File : BF142312.D
 Acq On : 12 May 2025 11:16
 Operator : RC/JU
 Sample : PB167936BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167936BL

Quant Time: May 12 12:10:35 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	224707	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	865671	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	468007	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	850111	20.000	ng	0.00
76) Chrysene-d12	14.069	240	592515	20.000	ng	0.00
86) Perylene-d12	15.563	264	419314	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1597034	121.325	ng	0.02
7) Phenol-d6	6.522	99	1890156	116.750	ng	0.00
23) Nitrobenzene-d5	7.463	82	1152826	81.217	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	527335	116.705	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2377383	72.432	ng	0.00
79) Terphenyl-d14	13.022	244	2704772	67.565	ng	0.00

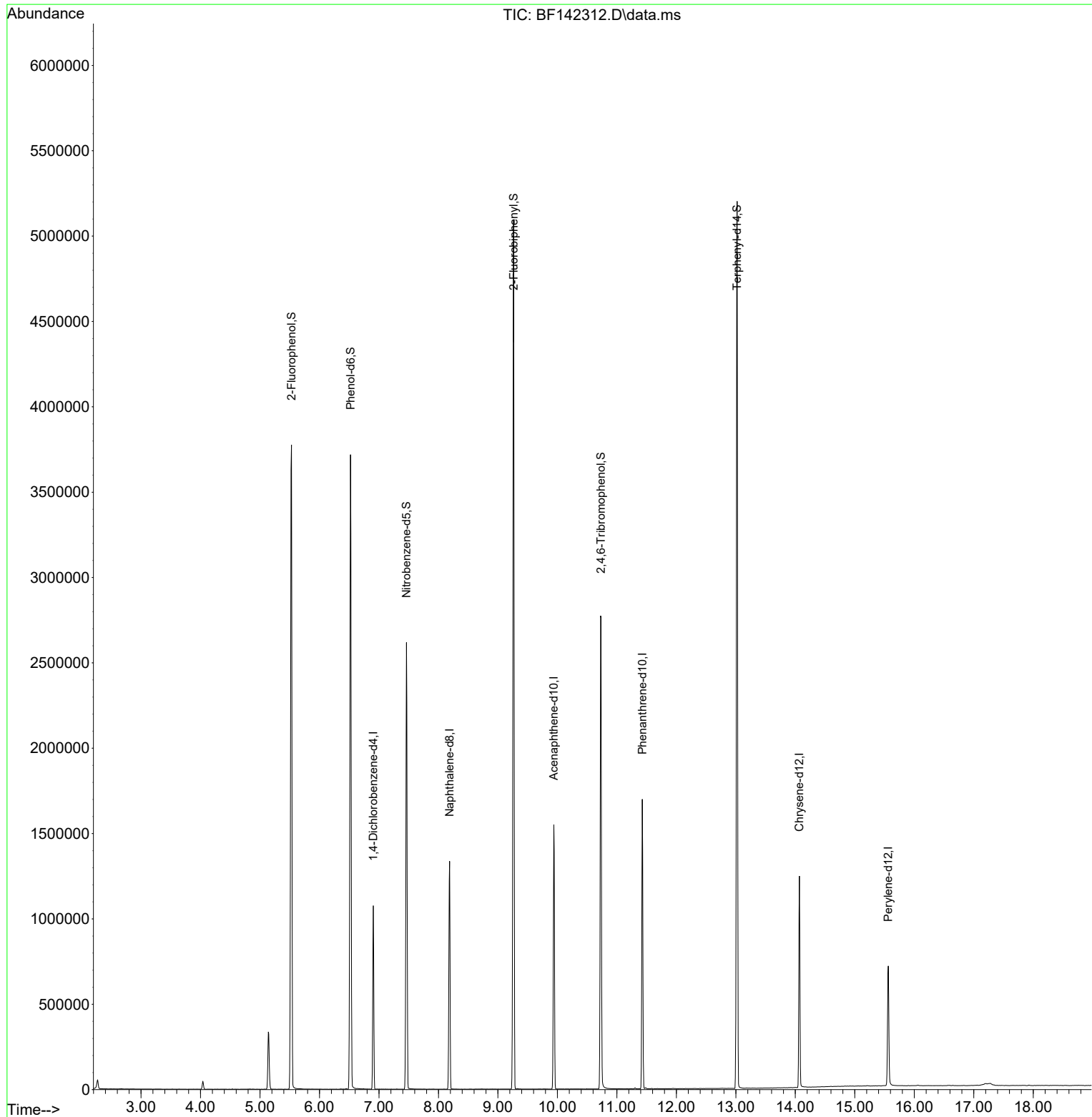
Target Compounds	Qvalue

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

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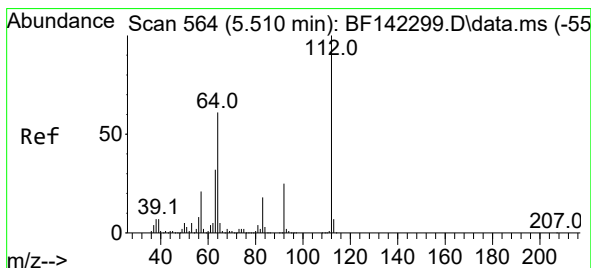
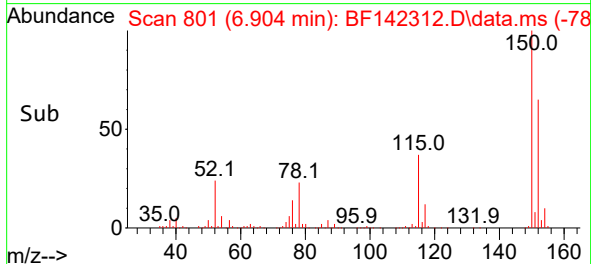
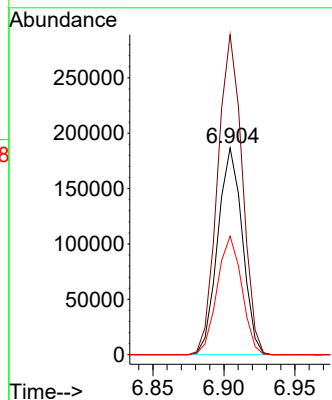
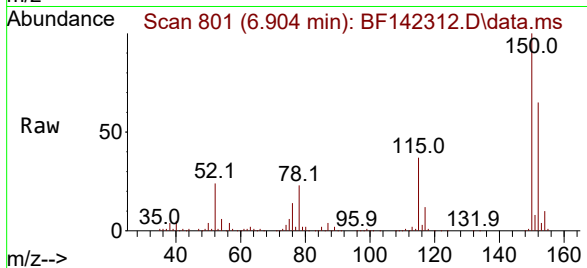




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF142312.D
Acq: 12 May 2025 11:16

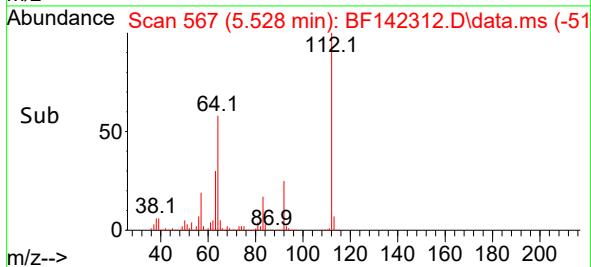
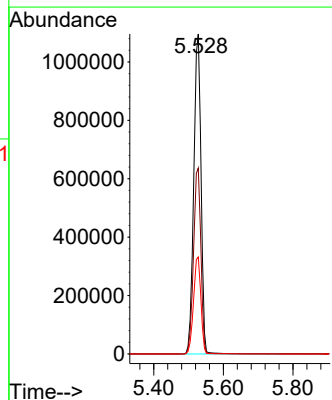
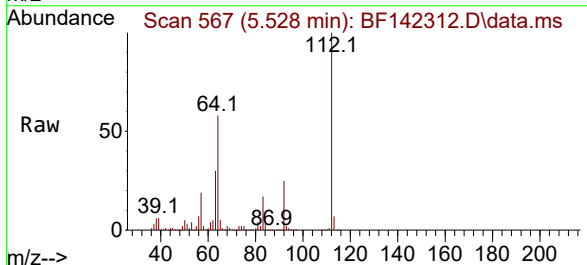
Instrument :
BNA_F
ClientSampleId :
PB167936BL

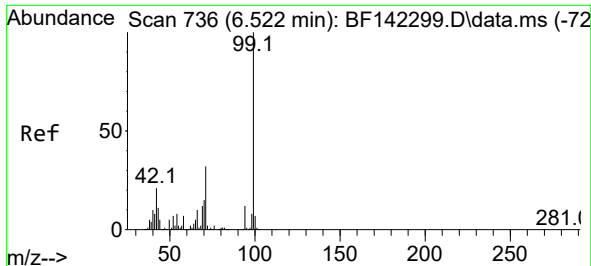
Tgt Ion:152 Resp: 224707
Ion Ratio Lower Upper
152 100
150 154.8 126.6 190.0
115 57.4 47.3 70.9



#5
2-Fluorophenol
Concen: 121.325 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142312.D
Acq: 12 May 2025 11:16

Tgt Ion:112 Resp: 1597034
Ion Ratio Lower Upper
112 100
64 58.1 48.9 73.3
63 30.3 25.6 38.4

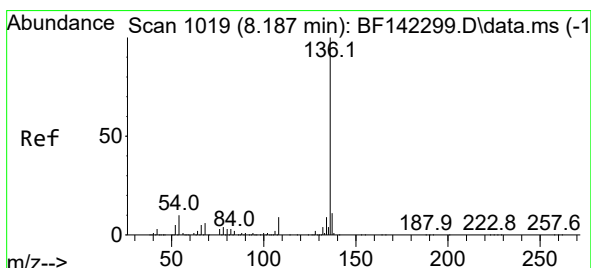
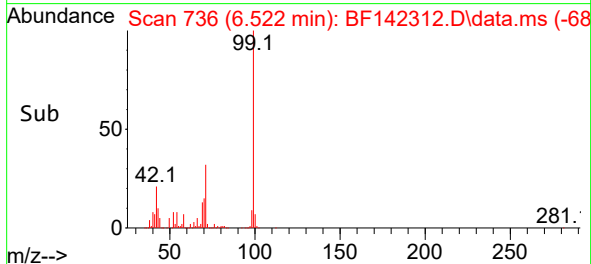
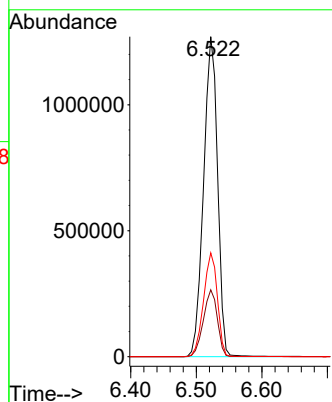
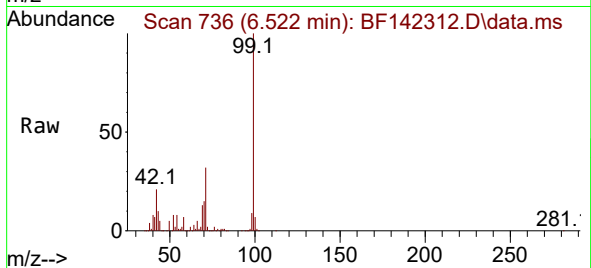




#7
Phenol-d6
Concen: 116.750 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142312.D
Acq: 12 May 2025 11:16

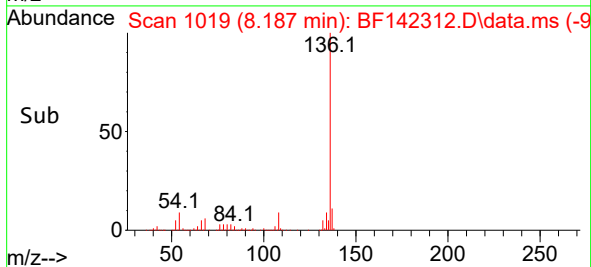
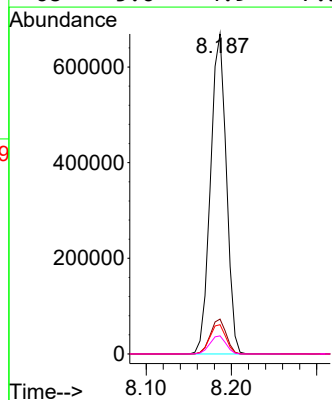
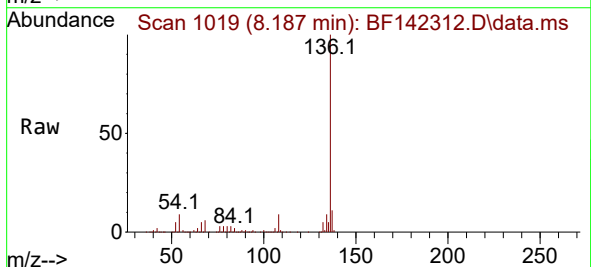
Instrument :
BNA_F
ClientSampleId :
PB167936BL

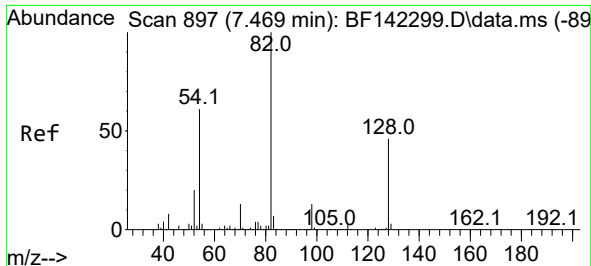
Tgt Ion: 99 Resp: 1890156
Ion Ratio Lower Upper
99 100
42 20.9 17.0 25.4
71 32.4 25.8 38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142312.D
Acq: 12 May 2025 11:16

Tgt Ion:136 Resp: 865671
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 9.2 7.7 11.5
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 81.217 ng

RT: 7.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BF142312.D

Acq: 12 May 2025 11:16

Instrument :

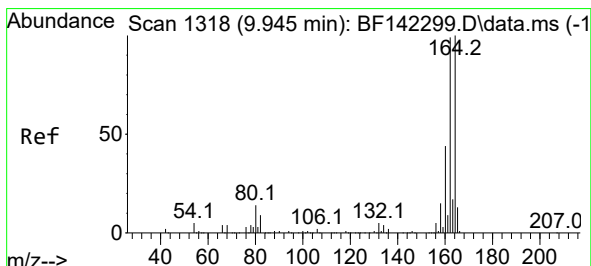
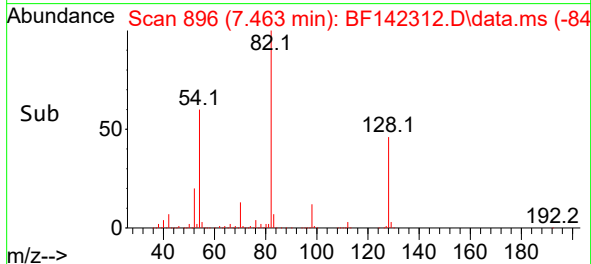
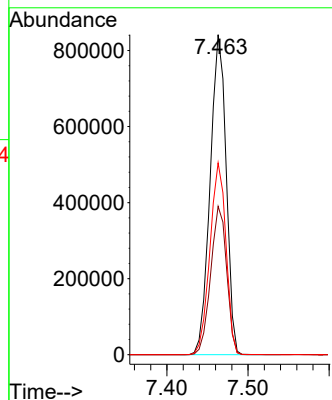
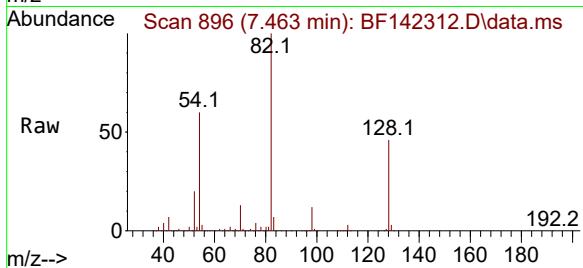
BNA_F

ClientSampleId :

PB167936BL

Tgt Ion: 82 Resp: 1152826

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.6
54	60.0	48.6	73.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1317

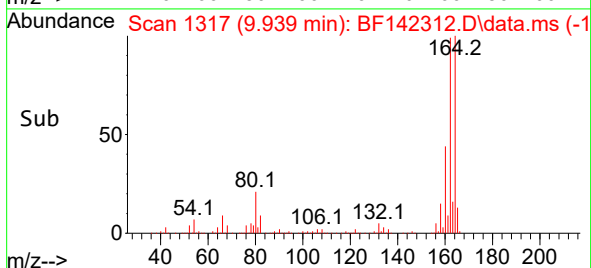
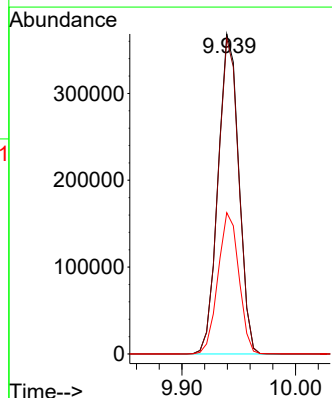
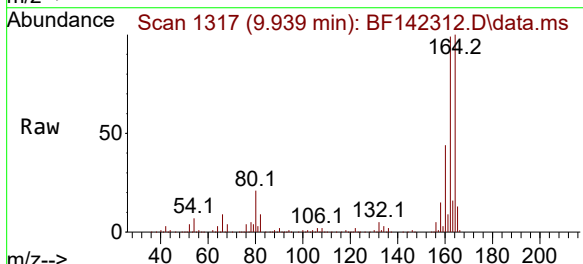
Delta R.T. -0.006 min

Lab File: BF142312.D

Acq: 12 May 2025 11:16

Tgt Ion:164 Resp: 468007

Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.2	118.8
160	44.2	35.3	52.9

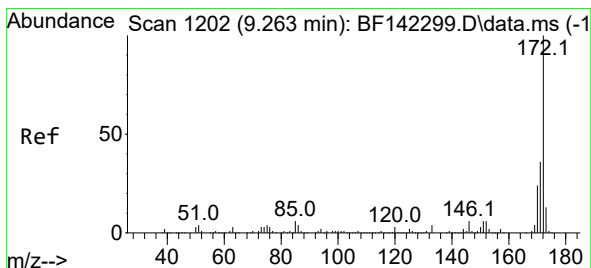
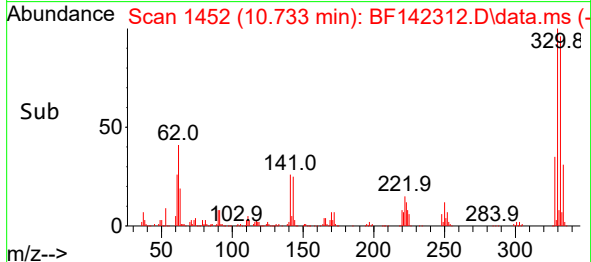
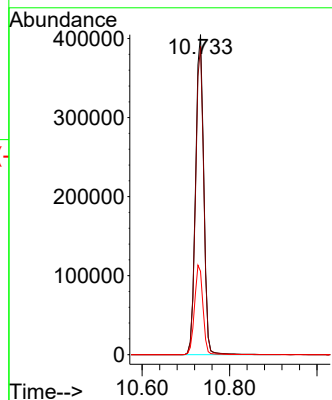
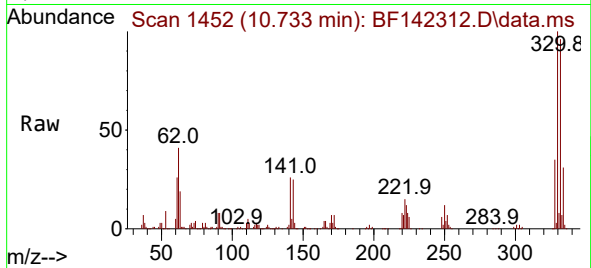




#42
2,4,6-Tribromophenol
Concen: 116.705 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142312.D
Acq: 12 May 2025 11:16

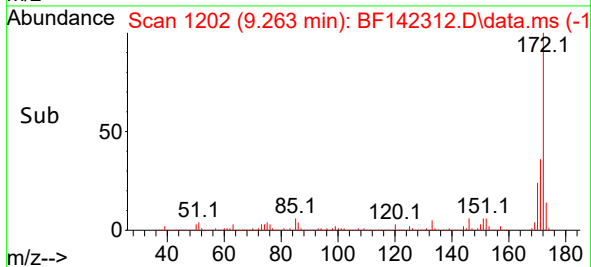
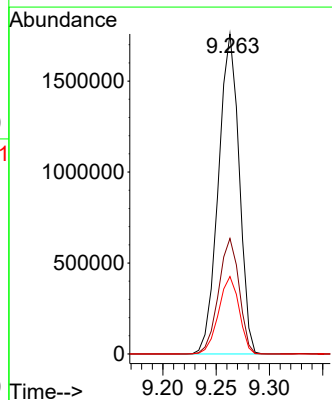
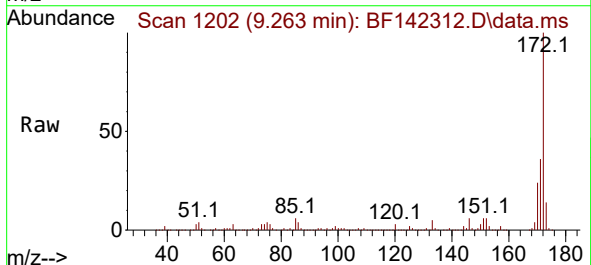
Instrument :
BNA_F
ClientSampleId :
PB167936BL

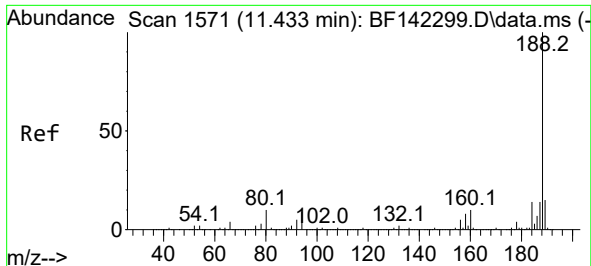
Tgt Ion:330 Resp: 527335
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 28.8 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 72.432 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BF142312.D
Acq: 12 May 2025 11:16

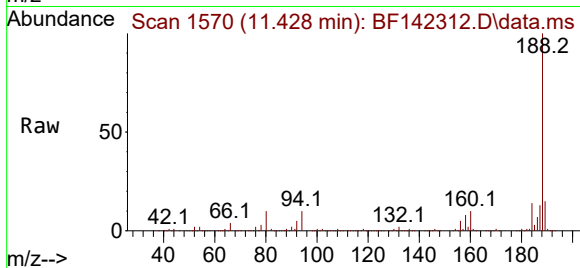
Tgt Ion:172 Resp: 2377383
Ion Ratio Lower Upper
172 100
171 36.1 28.6 42.8
170 24.2 19.0 28.4



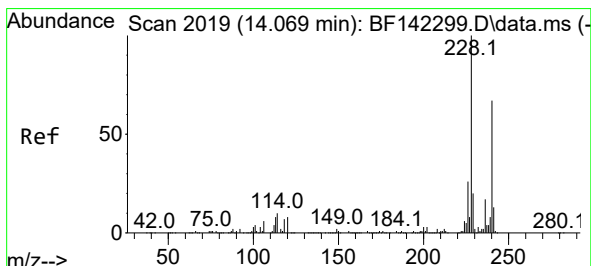
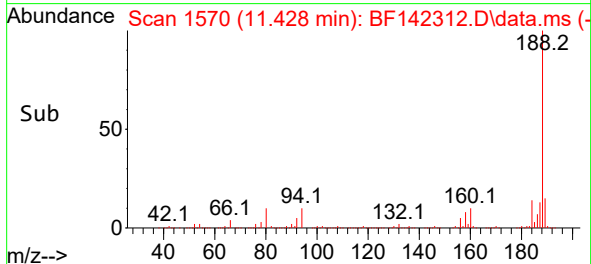
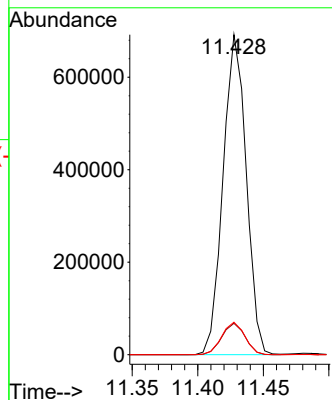


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142312.D
Acq: 12 May 2025 11:16

Instrument :
BNA_F
ClientSampleId :
PB167936BL

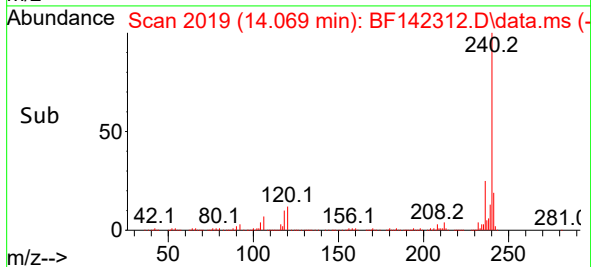
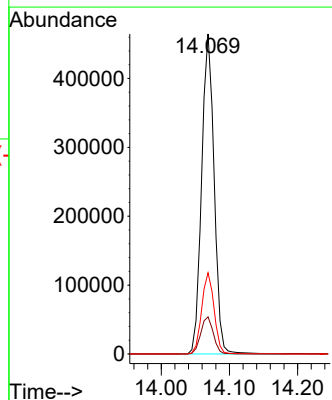
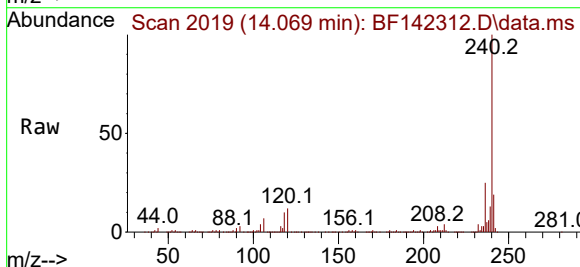


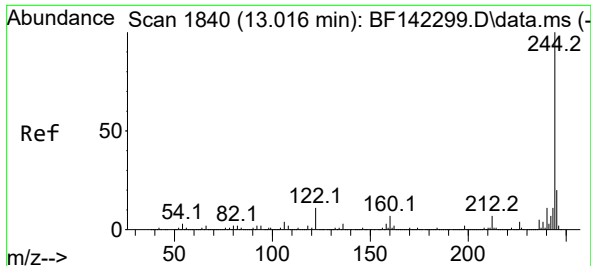
Tgt Ion:188 Resp: 850111
Ion Ratio Lower Upper
188 100
94 9.8 7.5 11.3
80 10.2 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142312.D
Acq: 12 May 2025 11:16

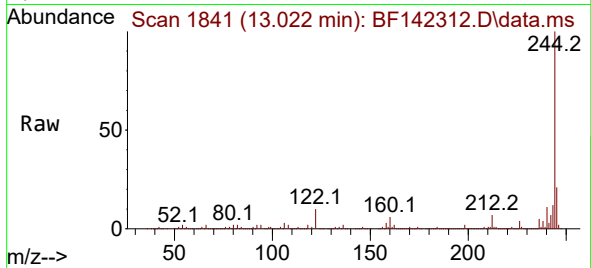
Tgt Ion:240 Resp: 592515
Ion Ratio Lower Upper
240 100
120 11.6 9.7 14.5
236 25.4 20.0 30.0



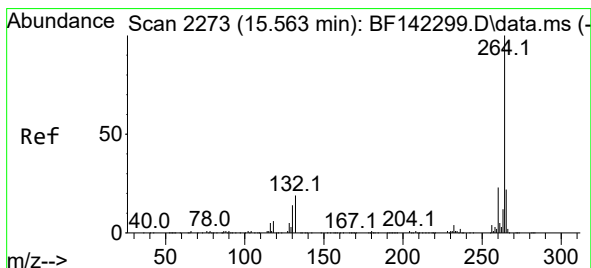
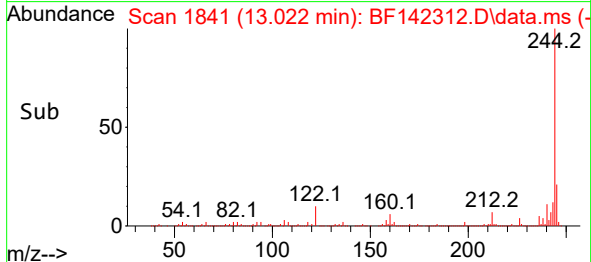
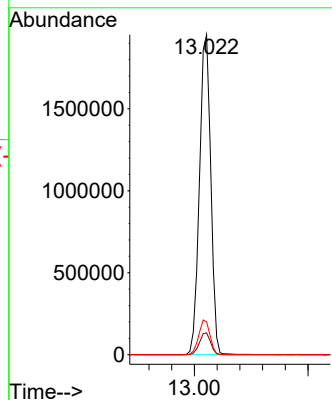


#79
 Terphenyl-d14
 Concen: 67.565 ng
 RT: 13.022 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF142312.D
 Acq: 12 May 2025 11:16

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 BNA_F
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 PB167936BL



Tgt Ion:244 Resp: 2704772
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 10.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. -0.000 min
 Lab File: BF142312.D
 Acq: 12 May 2025 11:16

Tgt Ion:264 Resp: 419314
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.6 27.8
 265 21.4 17.5 26.3

