

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
Data File : BF142251.D
Acq On : 01 May 2025 10:45
Operator : RC/JU
Sample : PB167798BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB167798BL

Quant Time: May 01 11:47:25 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	227901	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	877397	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	467254	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	826787	20.000	ng	0.00
76) Chrysene-d12	14.069	240	587490	20.000	ng	0.00
86) Perylene-d12	15.563	264	406867	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1618858	113.445	ng	0.01
7) Phenol-d6	6.522	99	1952554	113.309	ng	0.00
23) Nitrobenzene-d5	7.469	82	1072746	80.325	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	504593	118.458	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2332756	70.392	ng	0.00
79) Terphenyl-d14	13.022	244	2599136	64.345	ng	0.00

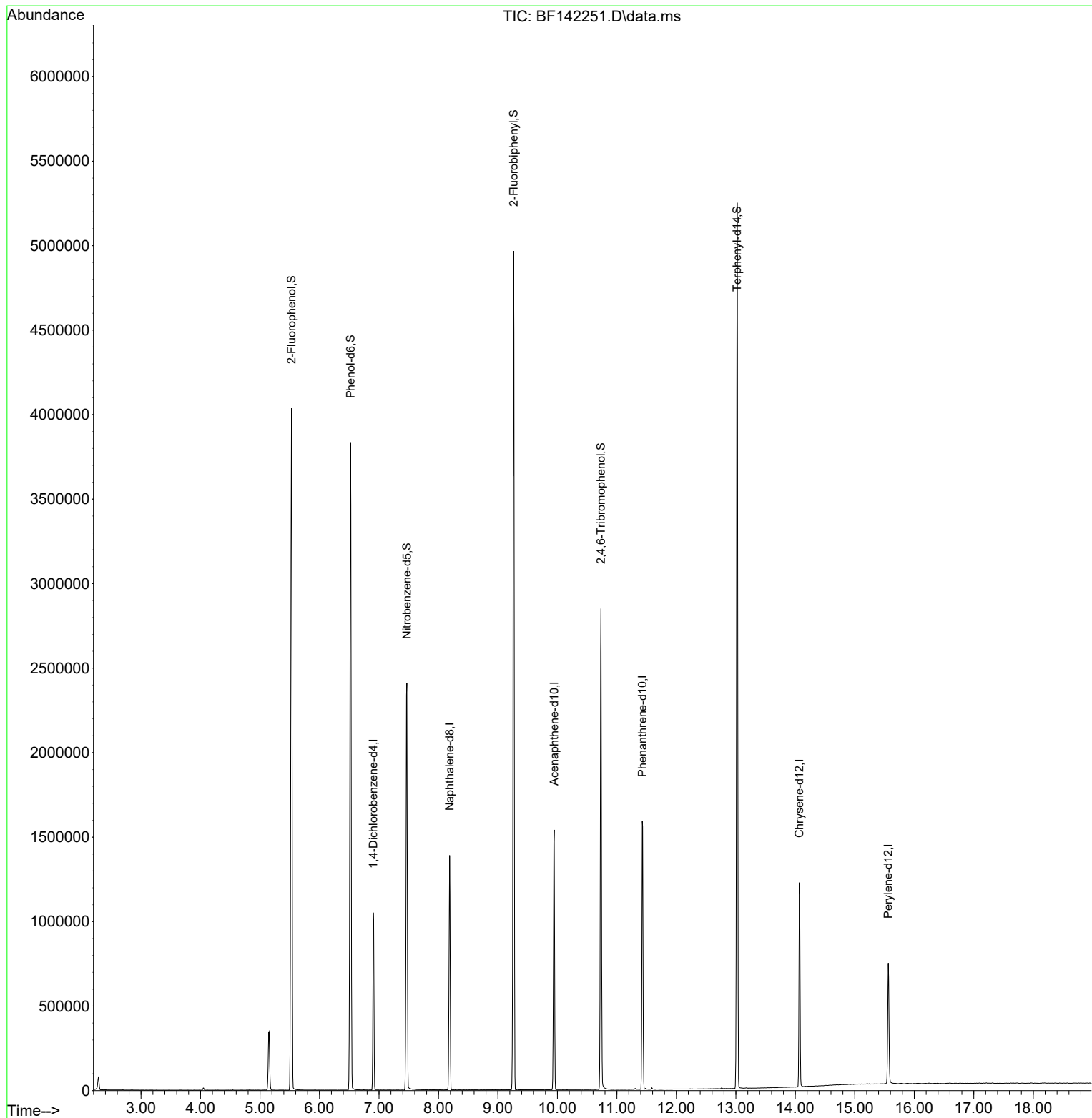
Target Compounds	Qvalue

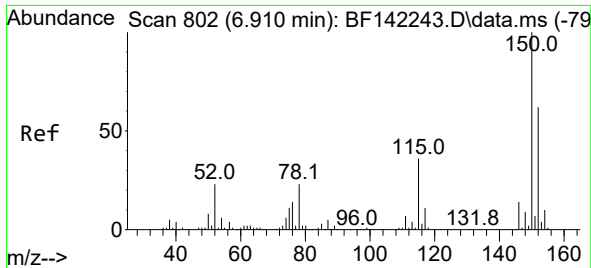
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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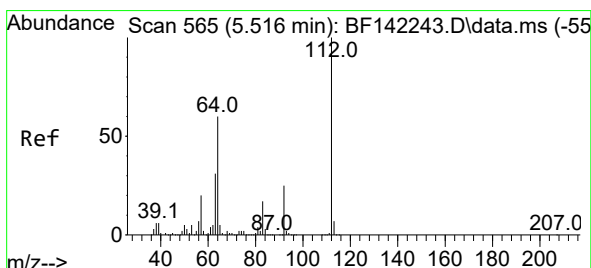
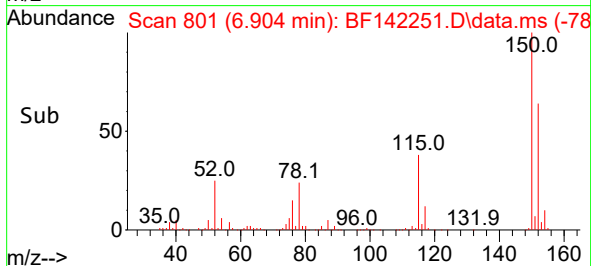
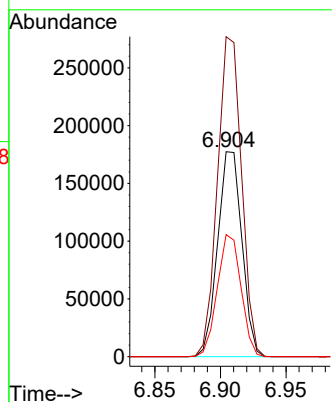
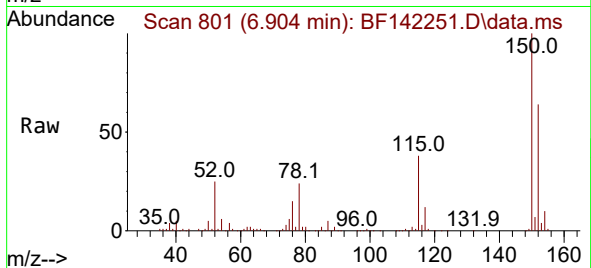




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

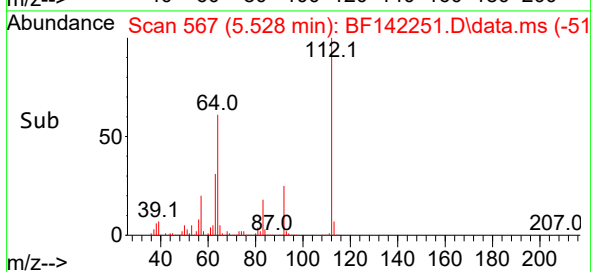
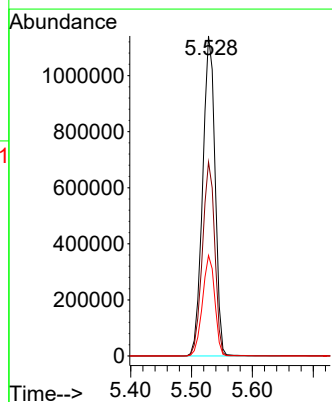
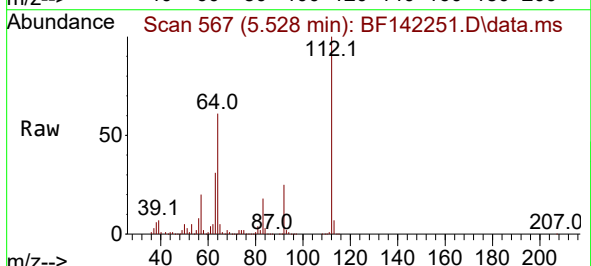
Instrument :
BNA_F
ClientSampleId :
PB167798BL

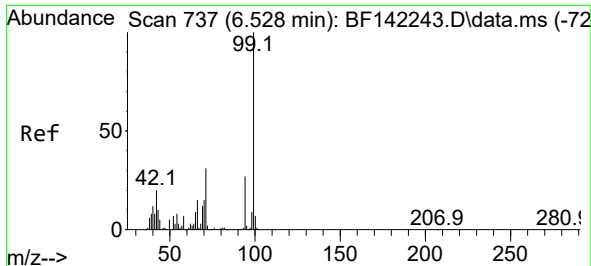
Tgt Ion:152 Resp: 227901
Ion Ratio Lower Upper
152 100
150 156.2 130.2 195.2
115 59.6 47.0 70.4



#5
2-Fluorophenol
Concen: 113.445 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:112 Resp: 1618858
Ion Ratio Lower Upper
112 100
64 60.6 48.4 72.6
63 31.4 24.8 37.2

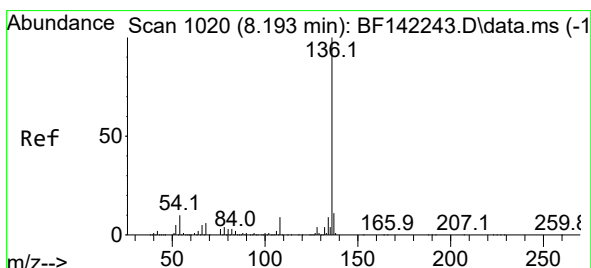
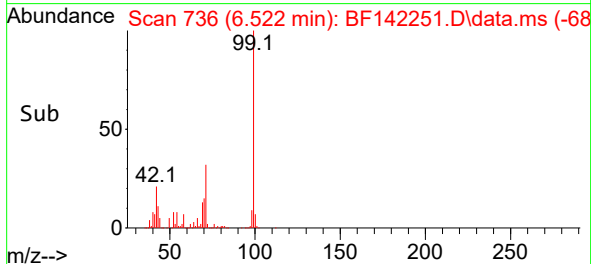
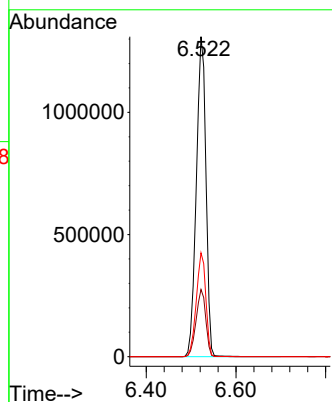
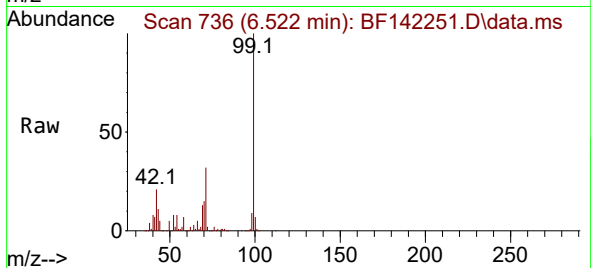




#7
Phenol-d6
Concen: 113.309 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

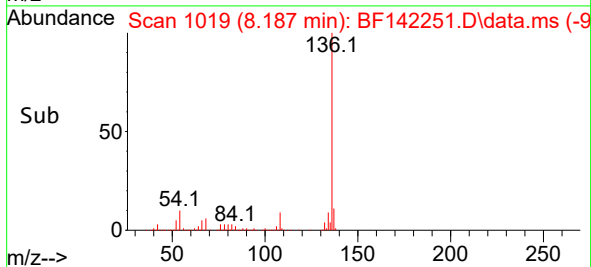
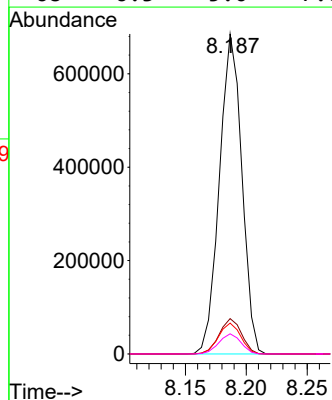
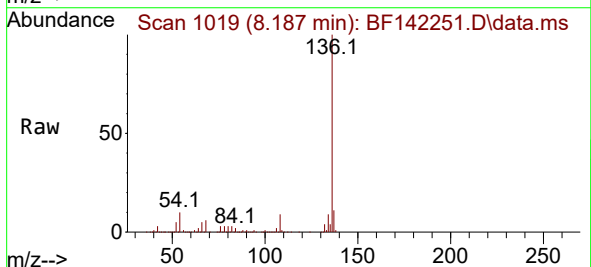
Instrument :
BNA_F
ClientSampleId :
PB167798BL

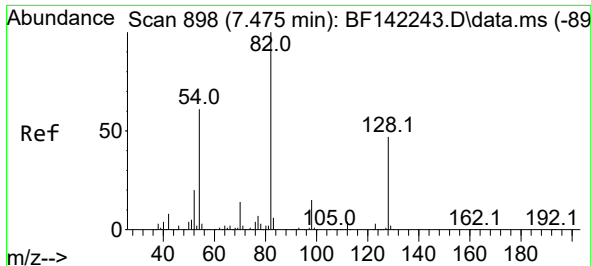
Tgt Ion: 99 Resp: 1952554
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.4 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion: 136 Resp: 877397
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 9.7 7.7 11.5
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 80.325 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142251.D

Acq: 01 May 2025 10:45

Instrument :

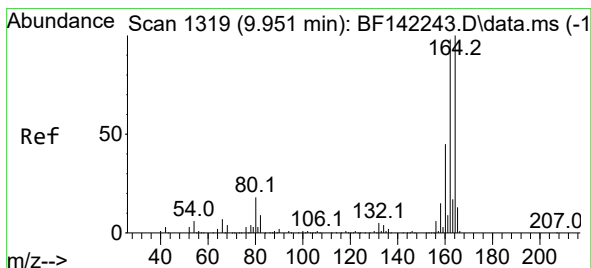
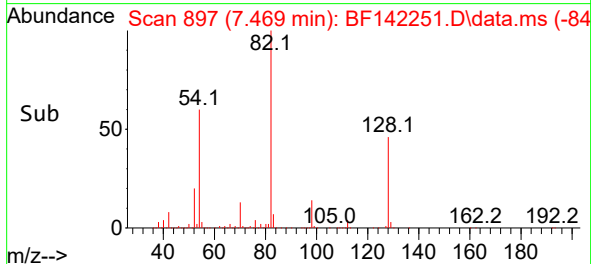
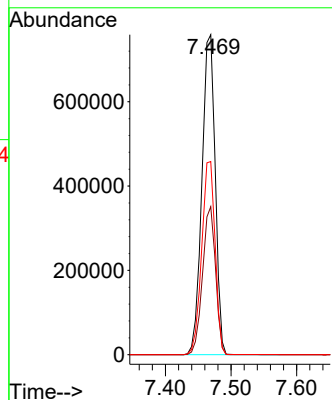
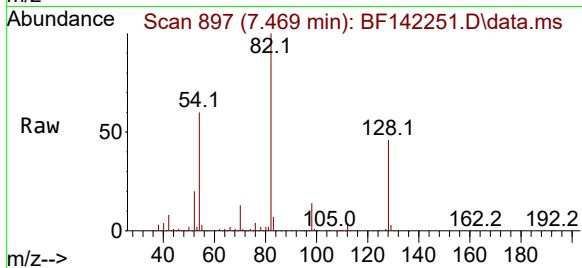
BNA_F

ClientSampleId :

PB167798BL

Tgt Ion: 82 Resp: 1072746

Ion	Ratio	Lower	Upper
82	100		
128	46.3	37.0	55.6
54	60.4	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1318

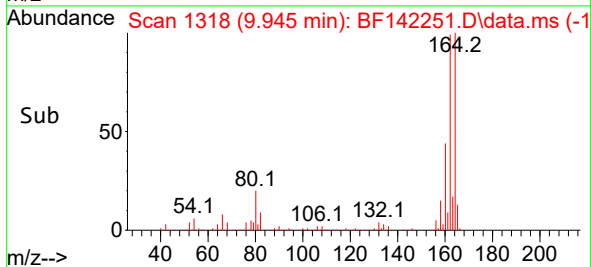
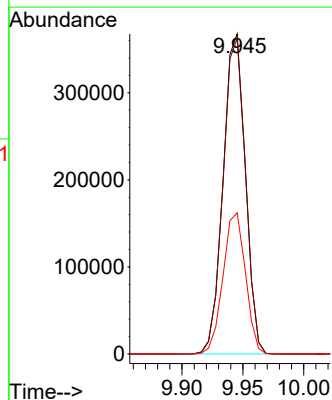
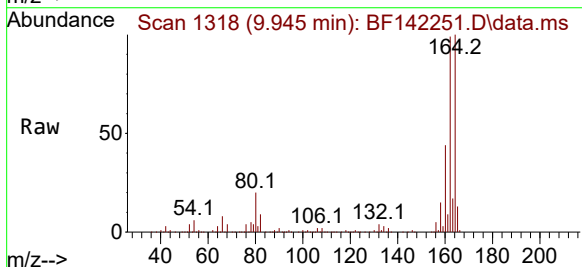
Delta R.T. -0.006 min

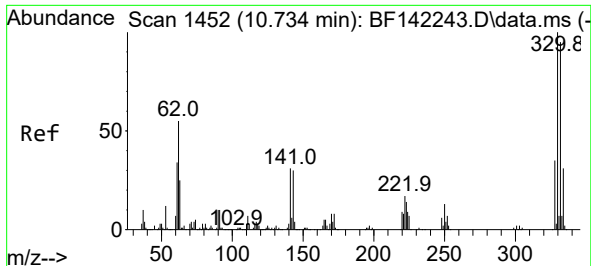
Lab File: BF142251.D

Acq: 01 May 2025 10:45

Tgt Ion:164 Resp: 467254

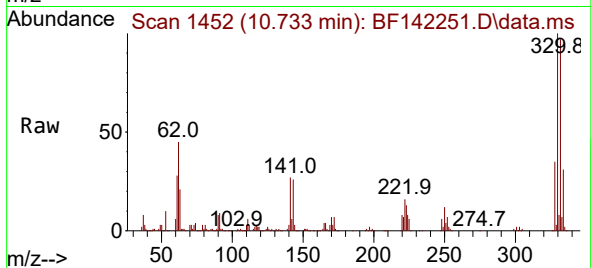
Ion	Ratio	Lower	Upper
164	100		
162	98.6	78.6	117.8
160	44.1	35.7	53.5



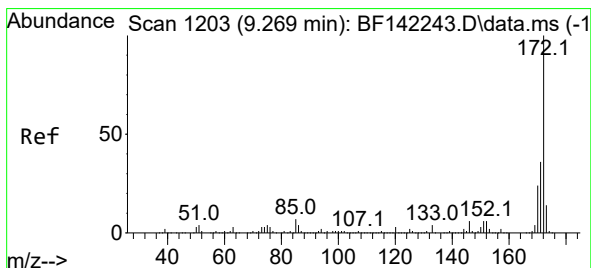
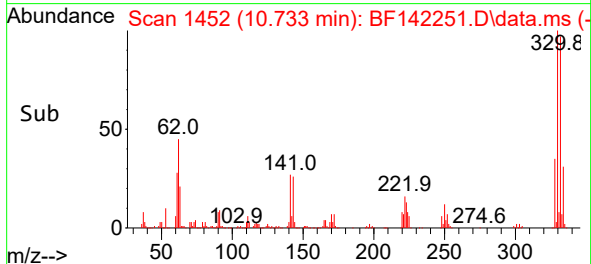
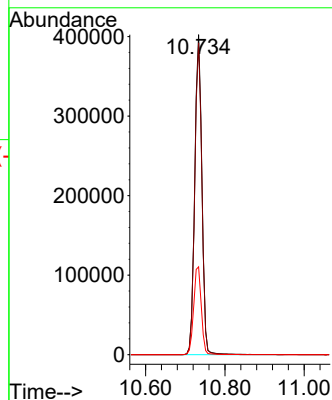


#42
2,4,6-Tribromophenol
Concen: 118.458 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

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PB167798BL

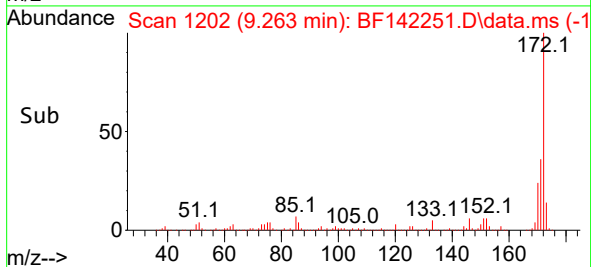
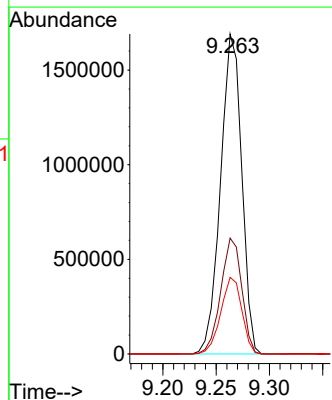
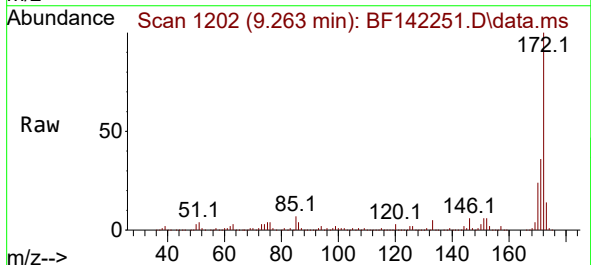


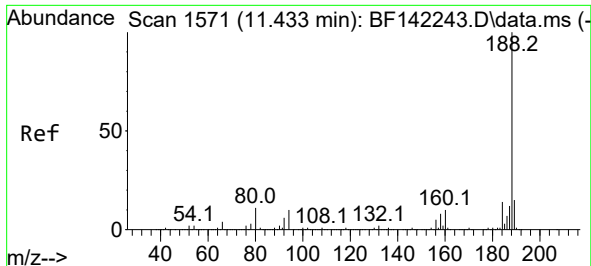
Tgt Ion:330 Resp: 504593
Ion Ratio Lower Upper
330 100
332 97.3 76.5 114.7
141 29.4 24.3 36.5



#45
2-Fluorobiphenyl
Concen: 70.392 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:172 Resp: 2332756
Ion Ratio Lower Upper
172 100
171 36.2 29.0 43.4
170 23.9 19.4 29.0

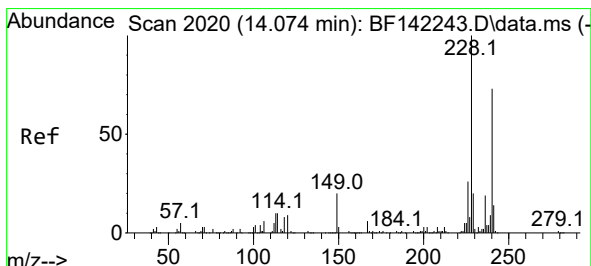
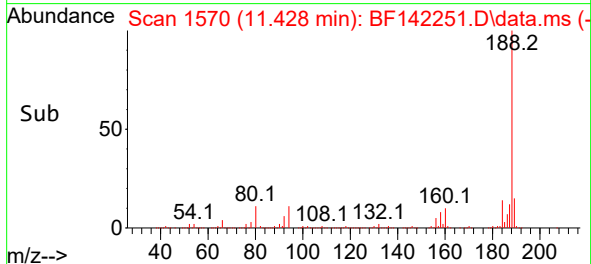
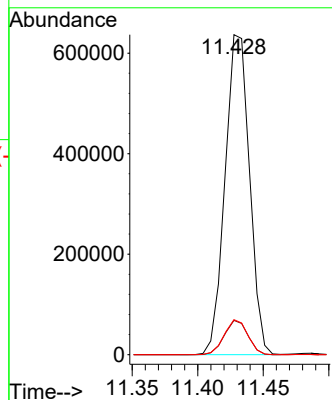
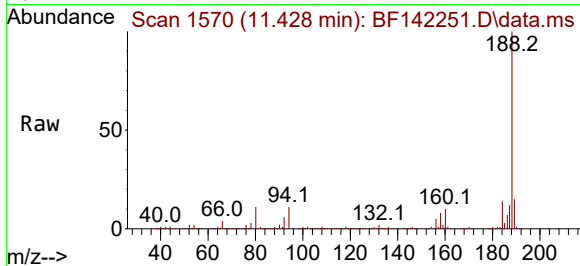




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

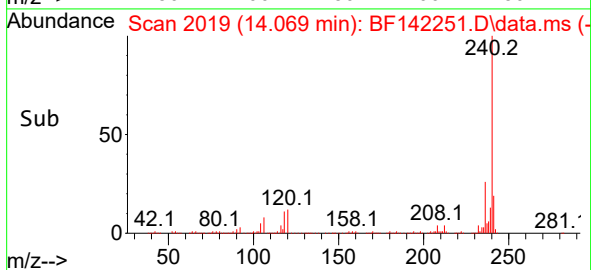
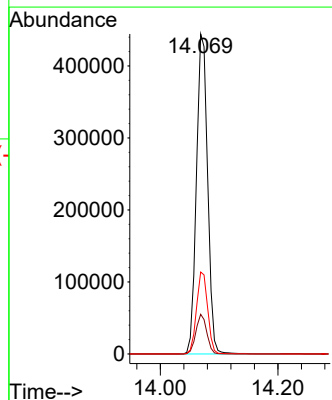
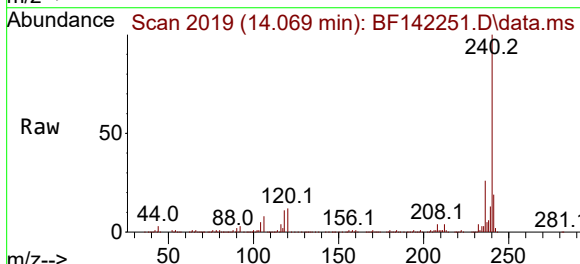
Instrument :
BNA_F
ClientSampleId :
PB167798BL

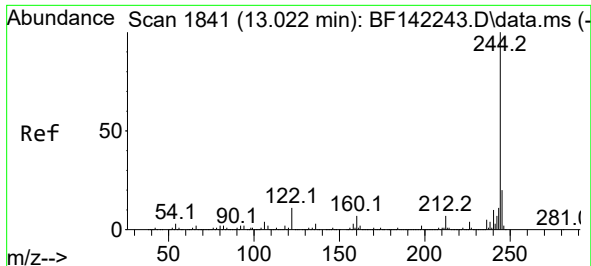
Tgt Ion:188 Resp: 826787
Ion Ratio Lower Upper
188 100
94 10.7 8.2 12.2
80 11.0 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142251.D
Acq: 01 May 2025 10:45

Tgt Ion:240 Resp: 587490
Ion Ratio Lower Upper
240 100
120 12.4 10.1 15.1
236 25.6 20.5 30.7

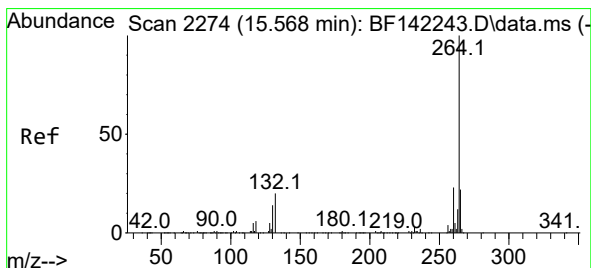
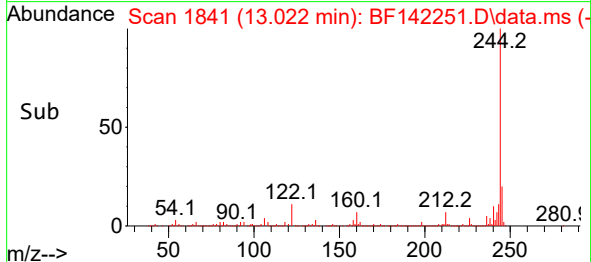
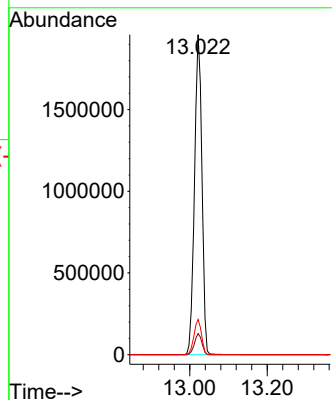
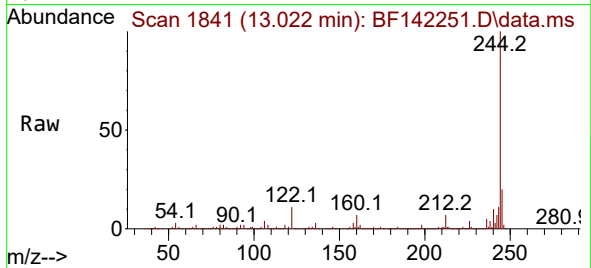




#79
 Terphenyl-d14
 Concen: 64.345 ng
 RT: 13.022 min Scan# 1841
 Delta R.T. 0.000 min
 Lab File: BF142251.D
 Acq: 01 May 2025 10:45

Instrument :
 BNA_F
 ClientSampleId :
 PB167798BL

Tgt Ion:244 Resp: 2599136
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.3 7.9
 122 11.0 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142251.D
 Acq: 01 May 2025 10:45

Tgt Ion:264 Resp: 406867
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.3 17.3 25.9

