

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142254.D
 Acq On : 01 May 2025 12:10
 Operator : RC/JU
 Sample : PB167810BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167810BL

Quant Time: May 01 12:47:29 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	223997	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	857825	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	449926	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	794711	20.000	ng	0.00
76) Chrysene-d12	14.069	240	568207	20.000	ng	0.00
86) Perylene-d12	15.563	264	404816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1546121	110.236	ng	0.01
7) Phenol-d6	6.522	99	1853180	109.417	ng	0.00
23) Nitrobenzene-d5	7.469	82	1087156	83.261	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	508946	124.082	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2205083	69.102	ng	0.00
79) Terphenyl-d14	13.022	244	2472921	63.298	ng	0.00

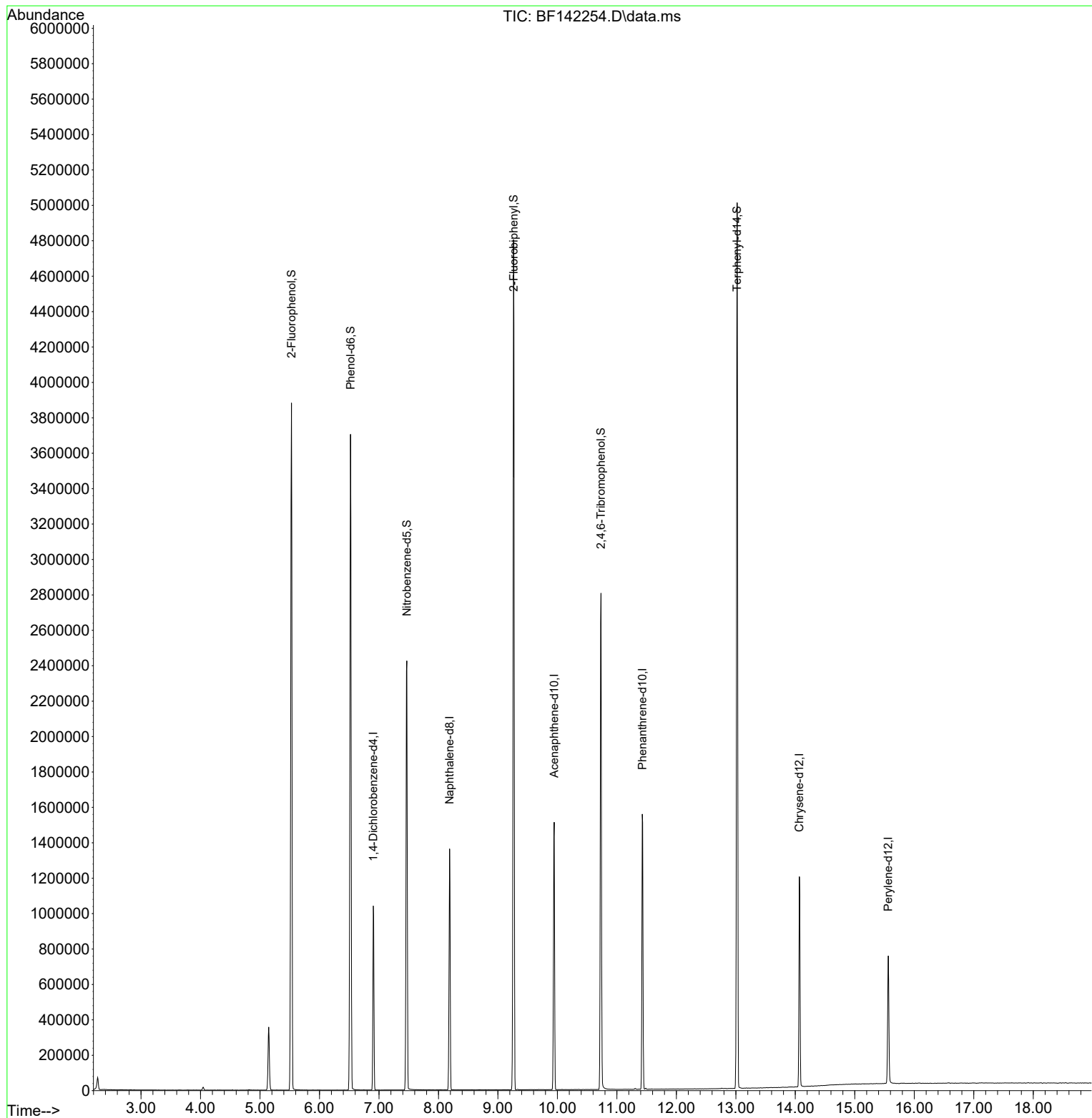
Target Compounds	Qvalue

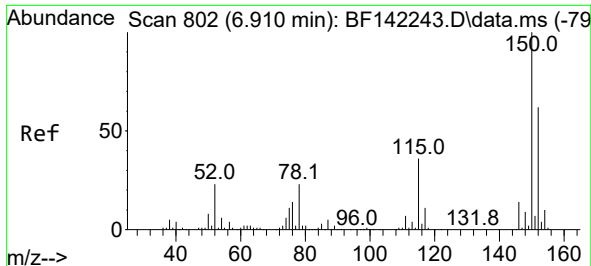
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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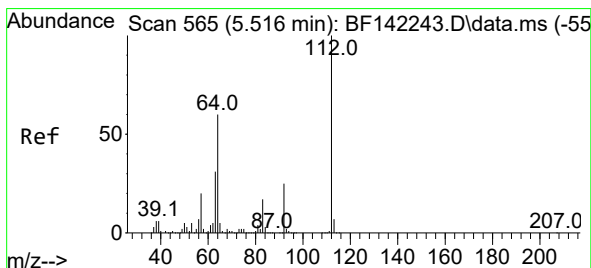
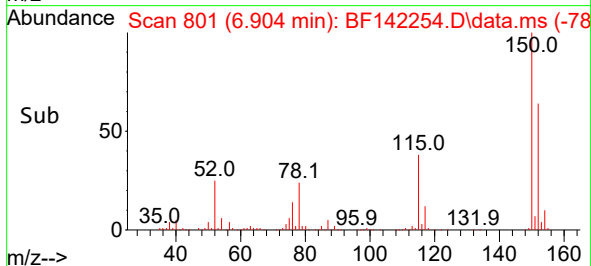
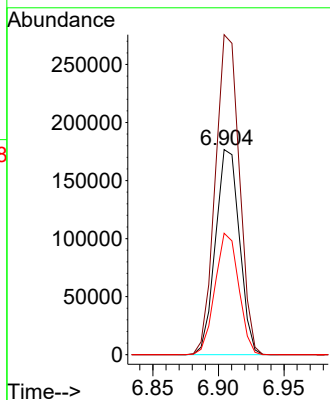
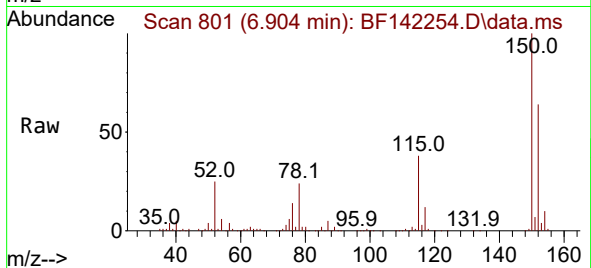




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

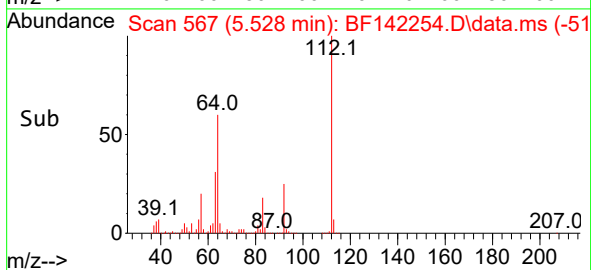
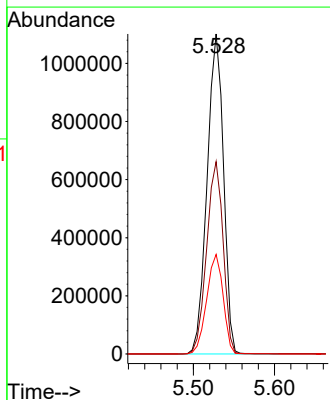
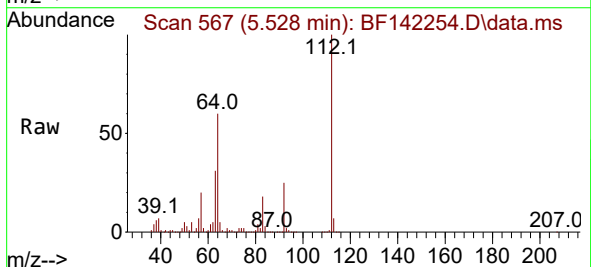
Instrument :
BNA_F
ClientSampleId :
PB167810BL

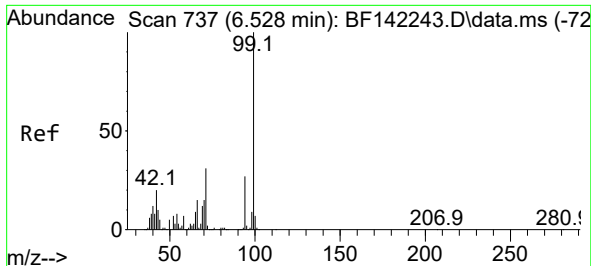
Tgt Ion:152 Resp: 223997
Ion Ratio Lower Upper
152 100
150 156.1 130.2 195.2
115 59.2 47.0 70.4



#5
2-Fluorophenol
Concen: 110.236 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion:112 Resp: 1546121
Ion Ratio Lower Upper
112 100
64 60.1 48.4 72.6
63 31.1 24.8 37.2

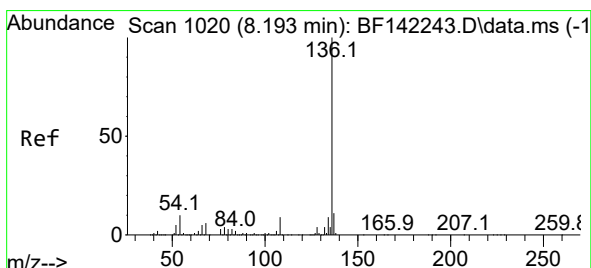
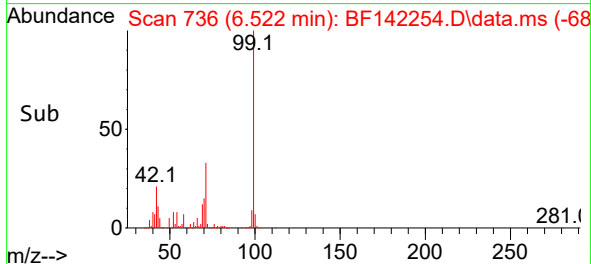
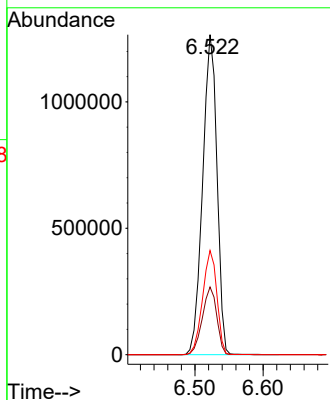
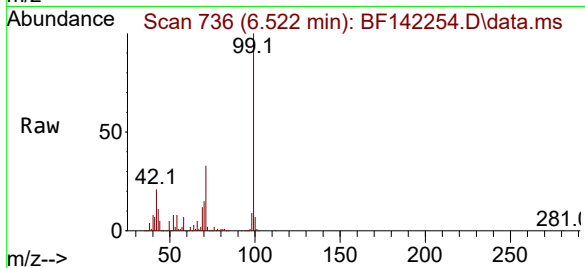




#7
Phenol-d6
Concen: 109.417 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

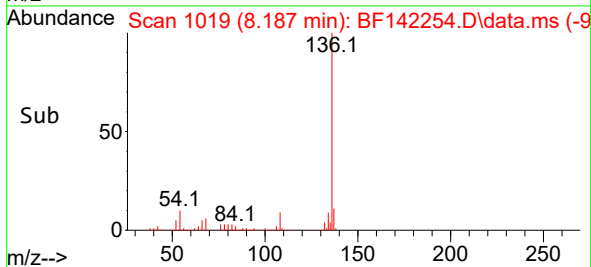
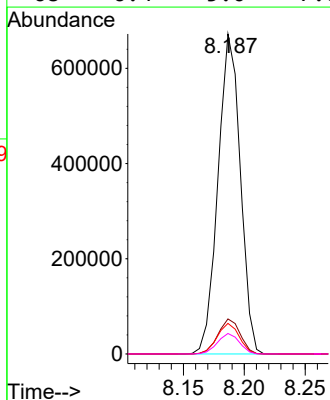
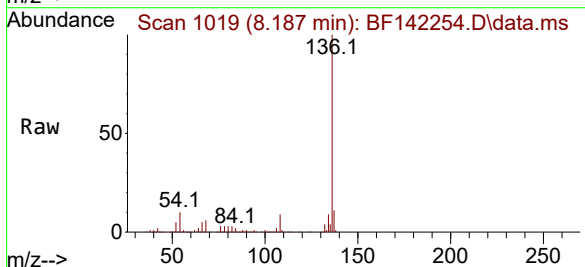
Instrument :
BNA_F
ClientSampleId :
PB167810BL

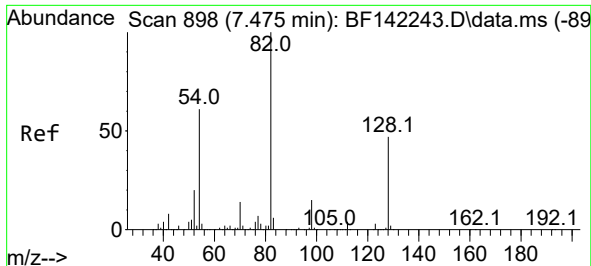
Tgt Ion: 99 Resp: 1853180
Ion Ratio Lower Upper
99 100
42 21.1 16.3 24.5
71 32.5 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion: 136 Resp: 857825
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.6 7.7 11.5
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 83.261 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142254.D

Acq: 01 May 2025 12:10

Instrument :

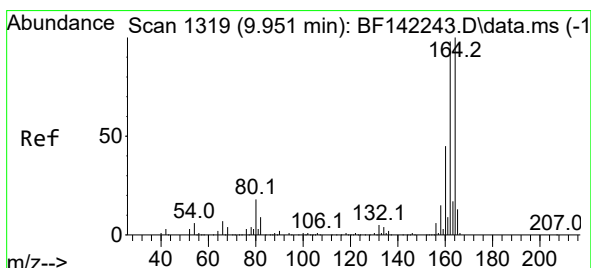
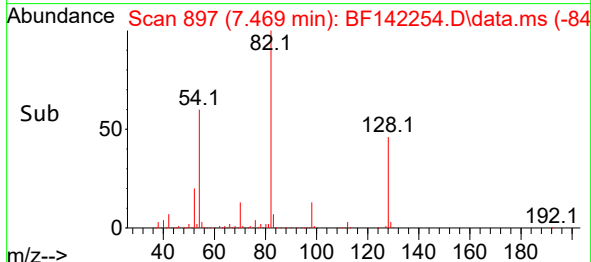
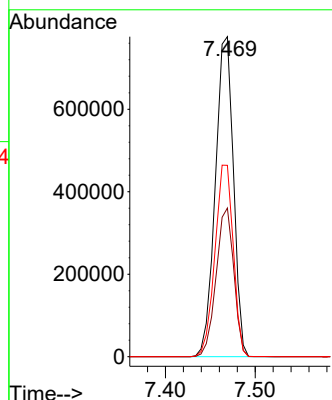
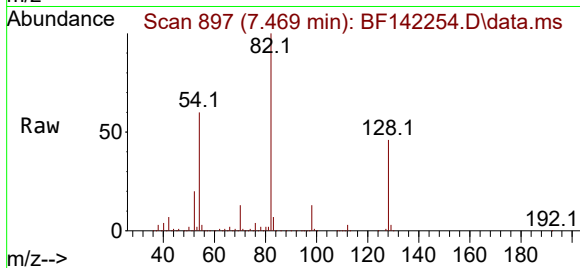
BNA_F

ClientSampleId :

PB167810BL

Tgt Ion: 82 Resp: 1087156

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.0	55.6
54	59.8	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1318

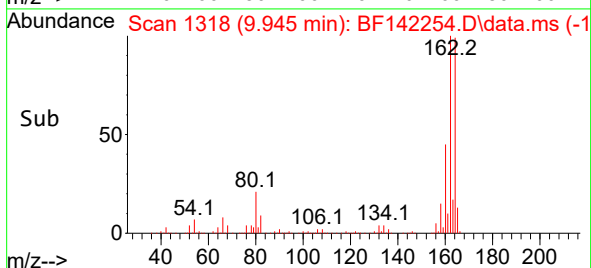
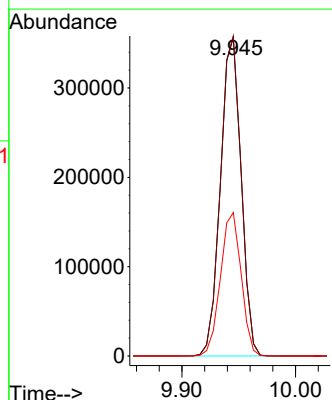
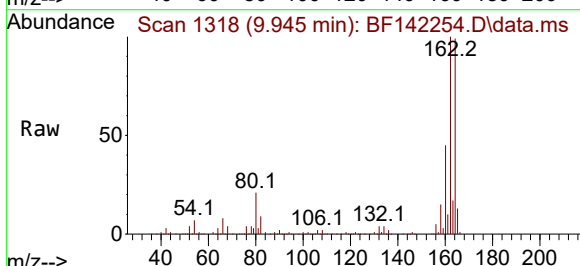
Delta R.T. -0.006 min

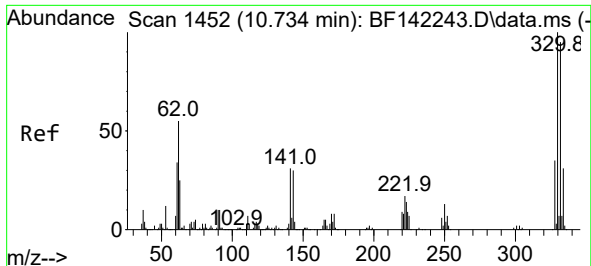
Lab File: BF142254.D

Acq: 01 May 2025 12:10

Tgt Ion:164 Resp: 449926

Ion	Ratio	Lower	Upper
164	100		
162	100.6	78.6	117.8
160	45.1	35.7	53.5





#42

2,4,6-Tribromophenol

Concen: 124.082 ng

RT: 10.733 min Scan# 1452

Delta R.T. -0.000 min

Lab File: BF142254.D

Acq: 01 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB167810BL

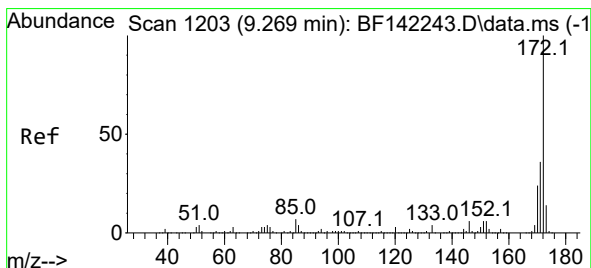
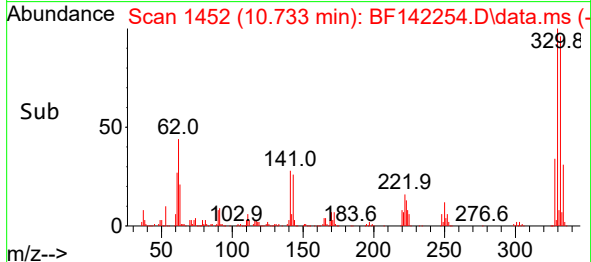
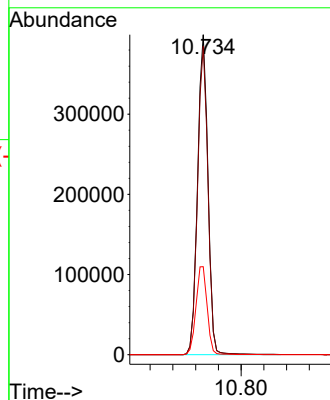
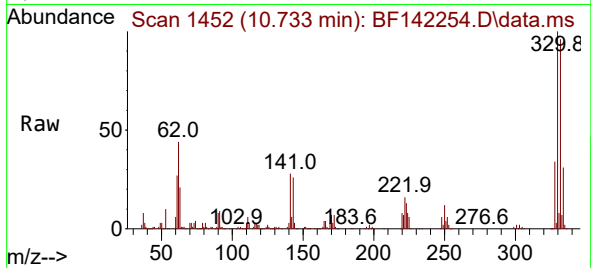
Tgt Ion:330 Resp: 508946

Ion Ratio Lower Upper

330 100

332 96.7 76.5 114.7

141 29.6 24.3 36.5



#45

2-Fluorobiphenyl

Concen: 69.102 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF142254.D

Acq: 01 May 2025 12:10

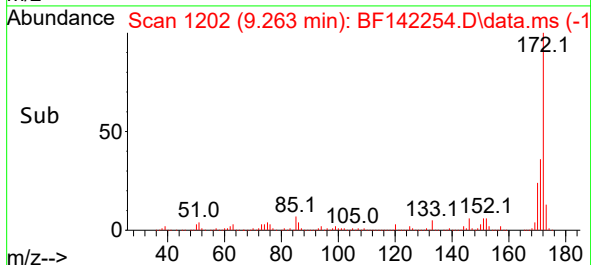
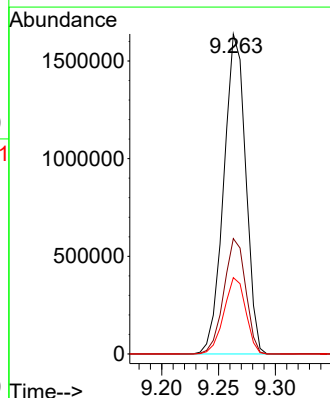
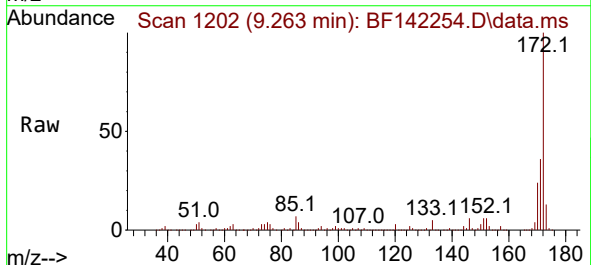
Tgt Ion:172 Resp: 2205083

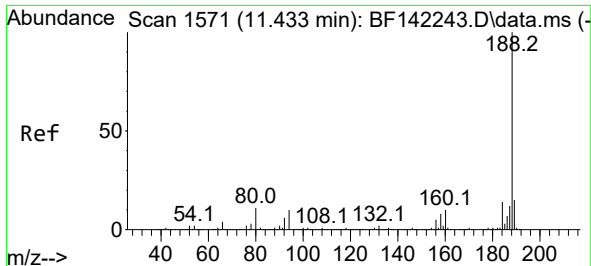
Ion Ratio Lower Upper

172 100

171 36.1 29.0 43.4

170 23.9 19.4 29.0

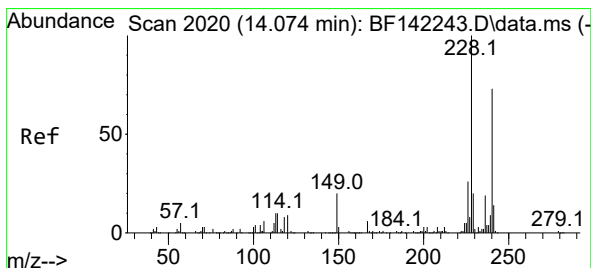
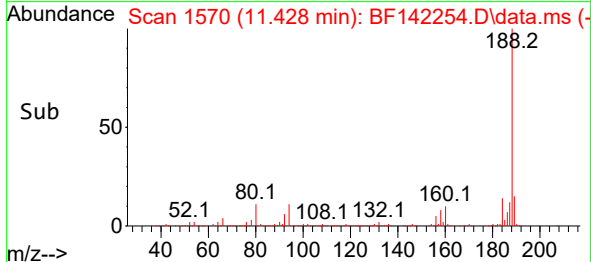
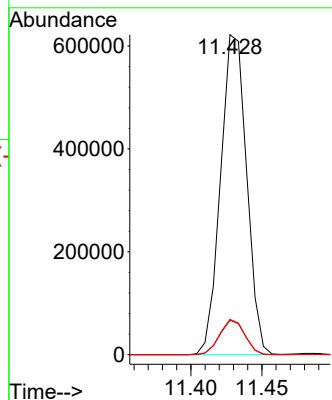
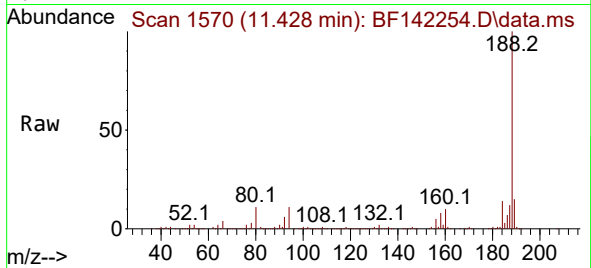




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

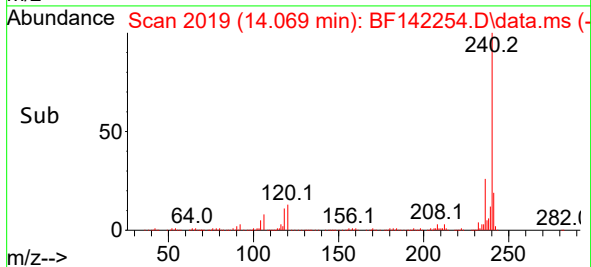
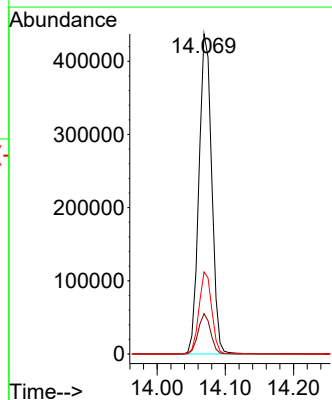
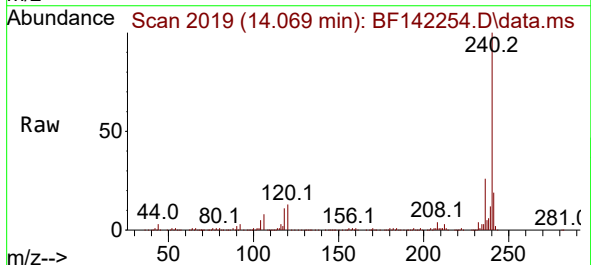
Instrument :
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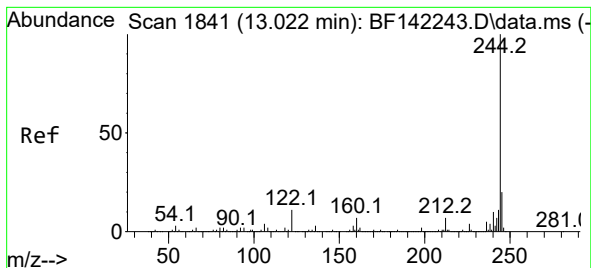
Tgt Ion:188 Resp: 794711
Ion Ratio Lower Upper
188 100
94 10.8 8.2 12.2
80 11.1 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142254.D
Acq: 01 May 2025 12:10

Tgt Ion:240 Resp: 568207
Ion Ratio Lower Upper
240 100
120 12.6 10.1 15.1
236 25.7 20.5 30.7





#79

Terphenyl-d14

Concen: 63.298 ng

RT: 13.022 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142254.D

Acq: 01 May 2025 12:10

Instrument :

BNA_F

ClientSampleId :

PB167810BL

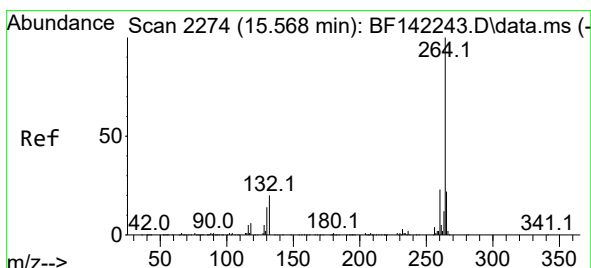
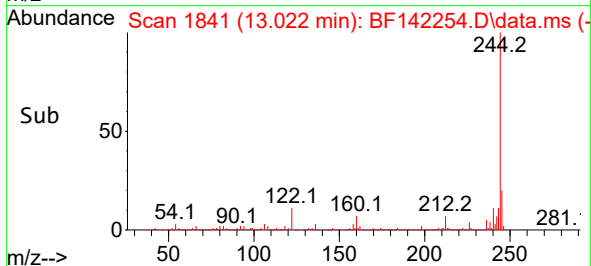
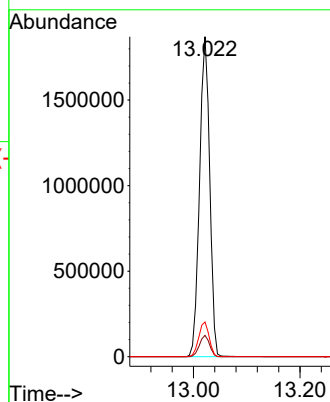
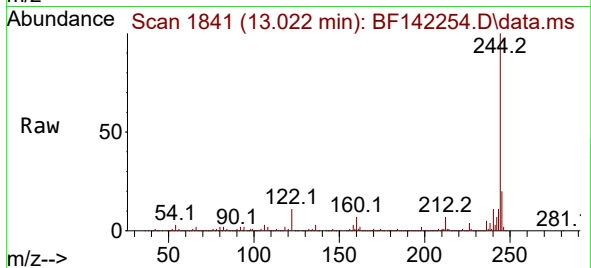
Tgt Ion:244 Resp: 2472921

Ion Ratio Lower Upper

244 100

212 6.7 5.3 7.9

122 10.9 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: BF142254.D

Acq: 01 May 2025 12:10

Tgt Ion:264 Resp: 404816

Ion Ratio Lower Upper

264 100

260 22.8 18.4 27.6

265 21.1 17.3 25.9

