

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050125\
 Data File : BF142256.D
 Acq On : 01 May 2025 13:07
 Operator : RC/JU
 Sample : PB167774TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167774TB

Quant Time: May 01 13:35:51 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	217516	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	839699	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	443070	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	773002	20.000	ng	0.00
76) Chrysene-d12	14.068	240	539235	20.000	ng	0.00
86) Perylene-d12	15.562	264	394051	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1585580	116.418	ng	0.01
7) Phenol-d6	6.522	99	1907914	116.005	ng	0.00
23) Nitrobenzene-d5	7.469	82	1116409	87.347	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	529459	131.080	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2264475	72.061	ng	0.00
79) Terphenyl-d14	13.021	244	2518381	67.925	ng	0.00

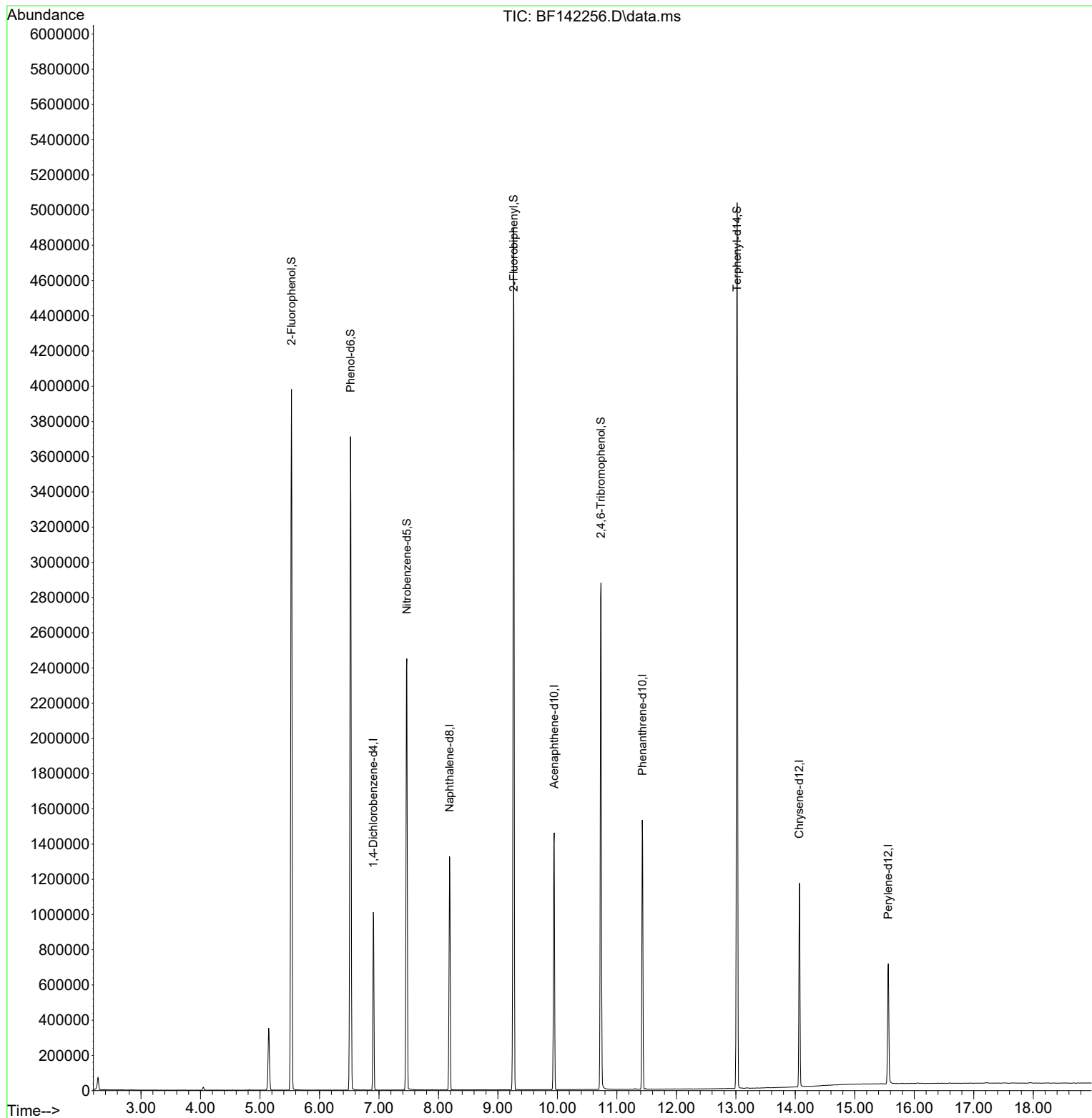
Target Compounds	Qvalue

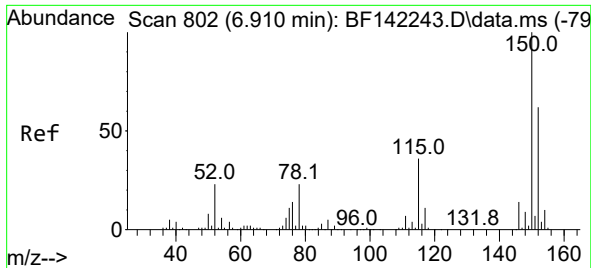
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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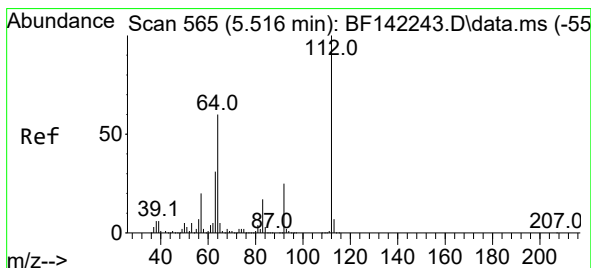
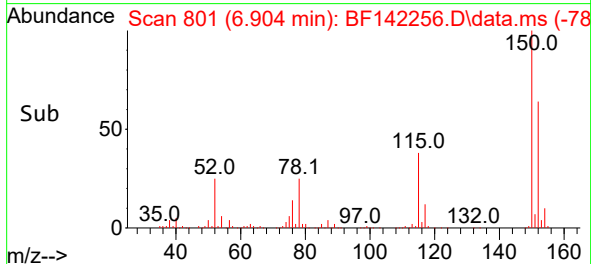
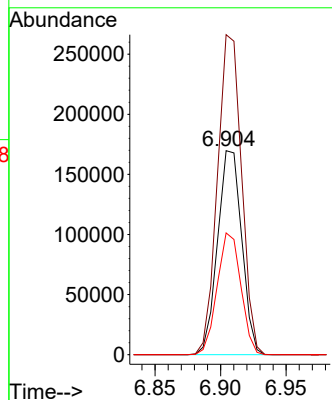
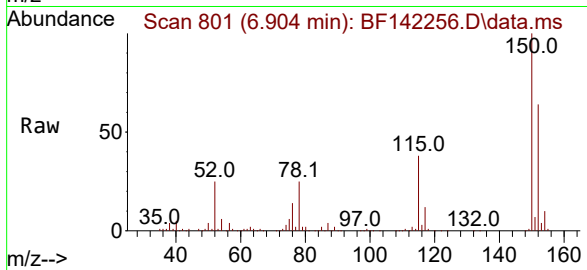




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

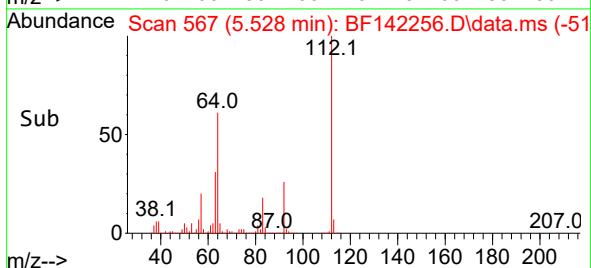
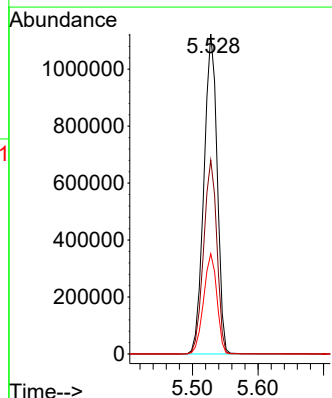
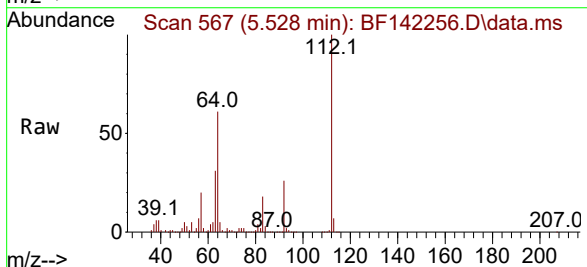
Instrument :
BNA_F
ClientSampleId :
PB167774TB

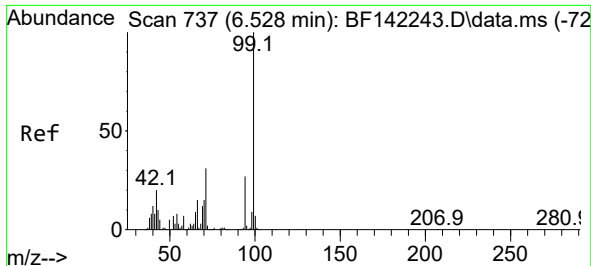
Tgt Ion:152 Resp: 217516
Ion Ratio Lower Upper
152 100
150 156.9 130.2 195.2
115 59.7 47.0 70.4



#5
2-Fluorophenol
Concen: 116.418 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.012 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Tgt Ion:112 Resp: 1585580
Ion Ratio Lower Upper
112 100
64 60.6 48.4 72.6
63 31.3 24.8 37.2

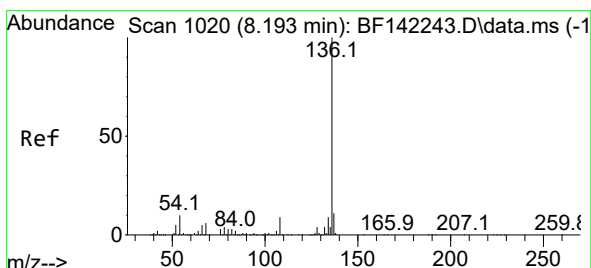
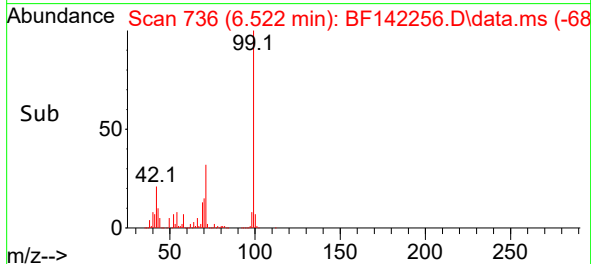
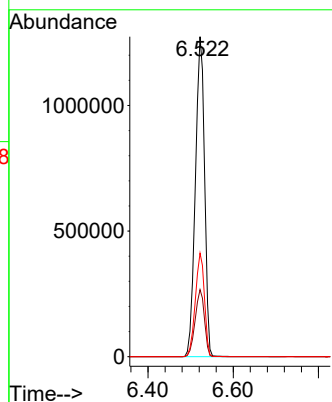
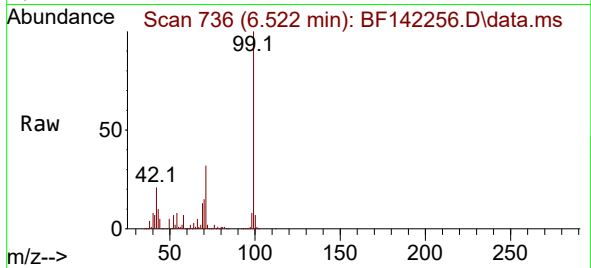




#7
Phenol-d6
Concen: 116.005 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

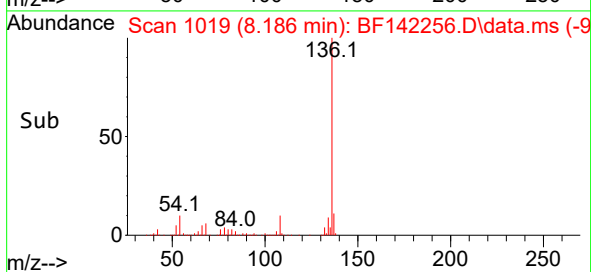
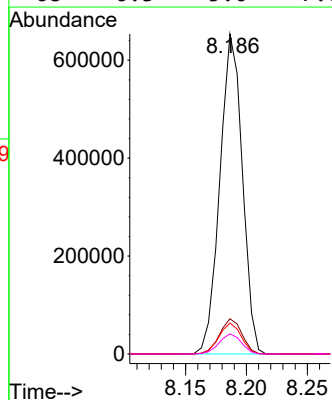
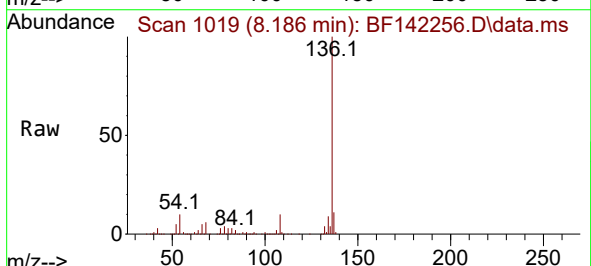
Instrument :
BNA_F
ClientSampleId :
PB167774TB

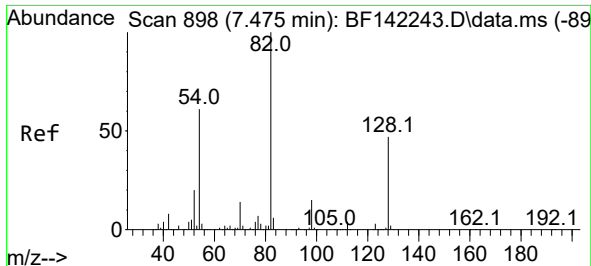
Tgt Ion: 99 Resp: 1907914
Ion Ratio Lower Upper
99 100
42 21.0 16.3 24.5
71 32.3 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.007 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Tgt Ion: 136 Resp: 839699
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.7 7.7 11.5
68 6.3 5.0 7.6





#23

Nitrobenzene-d5

Concen: 87.347 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF142256.D

Acq: 01 May 2025 13:07

Instrument :

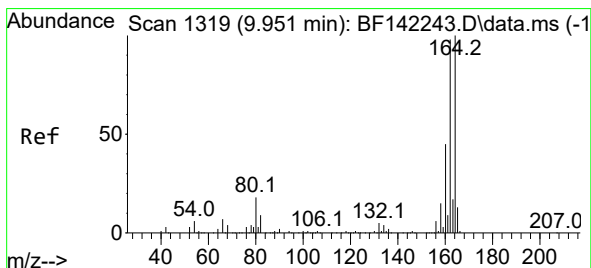
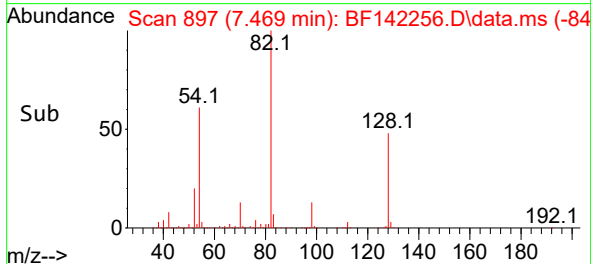
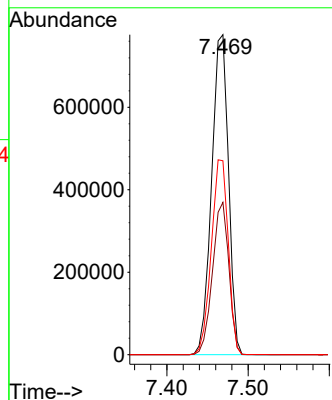
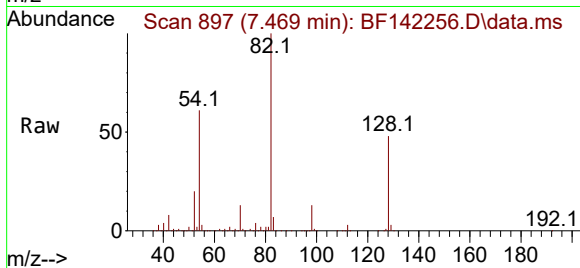
BNA_F

ClientSampleId :

PB167774TB

Tgt Ion: 82 Resp: 1116409

Ion	Ratio	Lower	Upper
82	100		
128	47.6	37.0	55.6
54	60.6	48.0	72.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1318

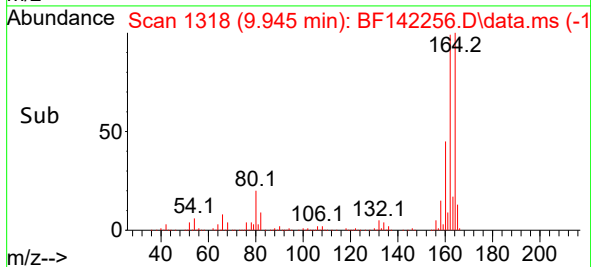
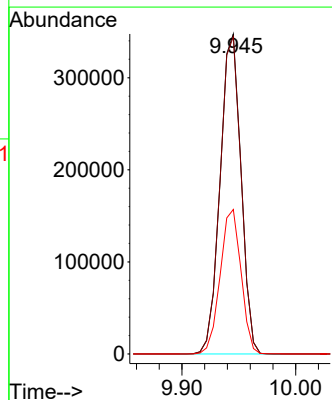
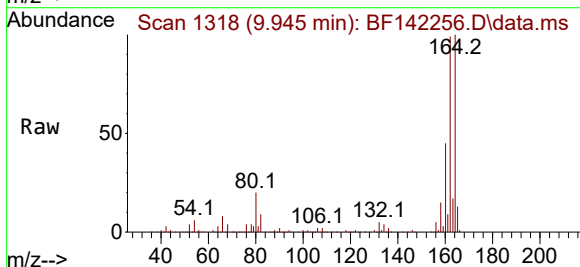
Delta R.T. -0.006 min

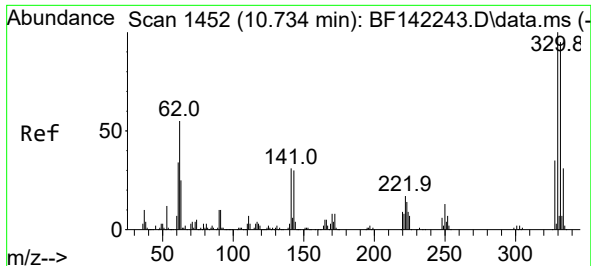
Lab File: BF142256.D

Acq: 01 May 2025 13:07

Tgt Ion:164 Resp: 443070

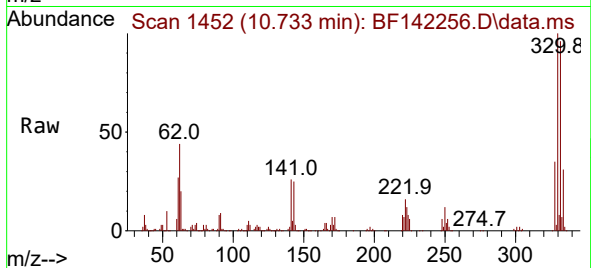
Ion	Ratio	Lower	Upper
164	100		
162	99.1	78.6	117.8
160	45.2	35.7	53.5



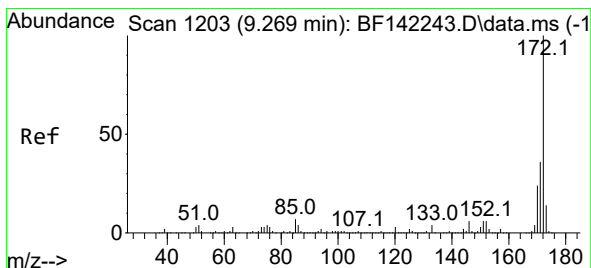
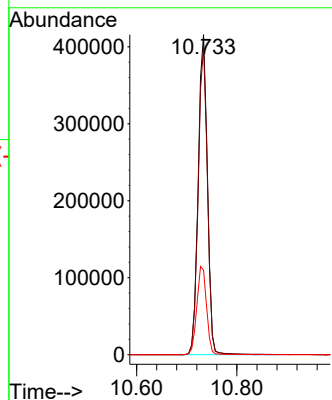
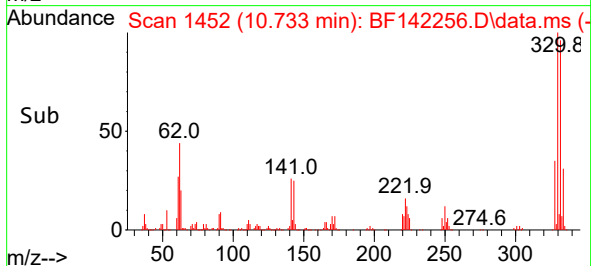


#42
2,4,6-Tribromophenol
Concen: 131.080 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

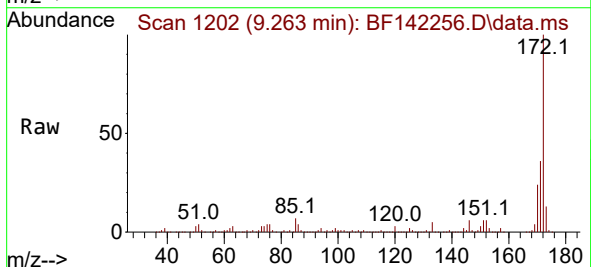
Instrument :
BNA_F
ClientSampleId :
PB167774TB



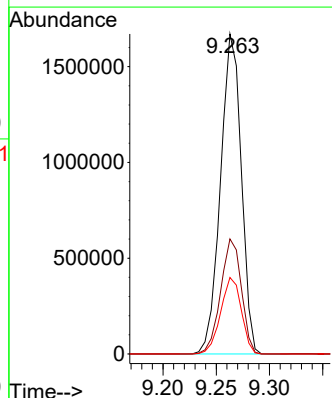
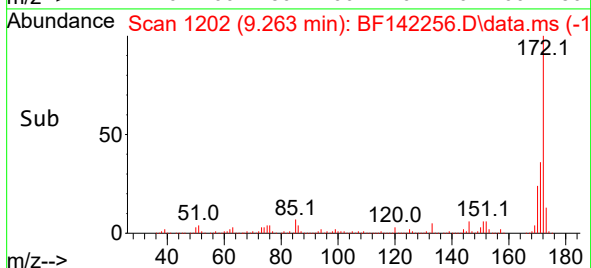
Tgt Ion:330 Resp: 529459
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 29.1 24.3 36.5

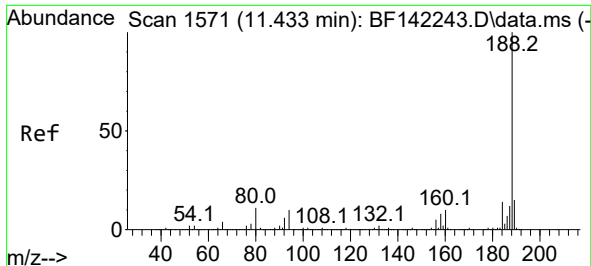


#45
2-Fluorobiphenyl
Concen: 72.061 ng
RT: 9.263 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07



Tgt Ion:172 Resp: 2264475
Ion Ratio Lower Upper
172 100
171 36.0 29.0 43.4
170 23.9 19.4 29.0

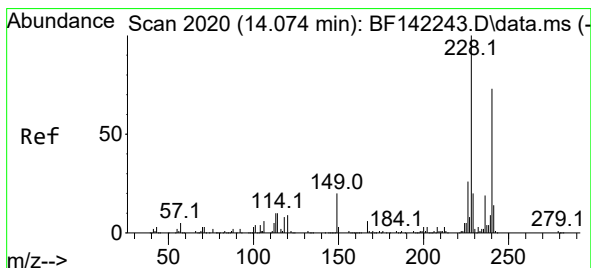
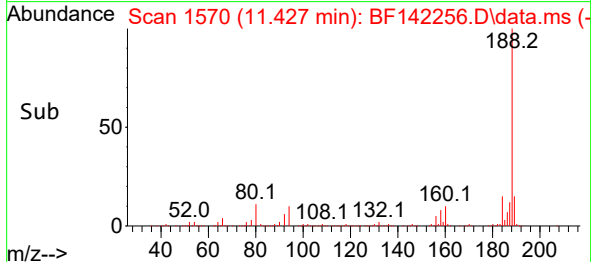
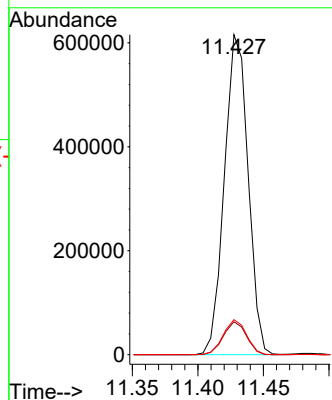
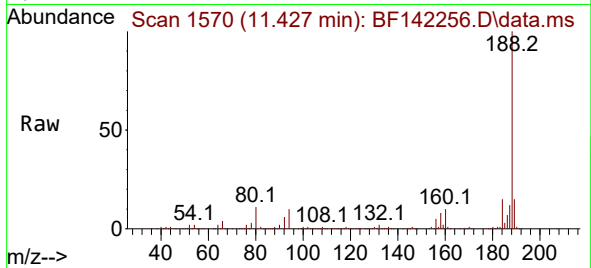




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

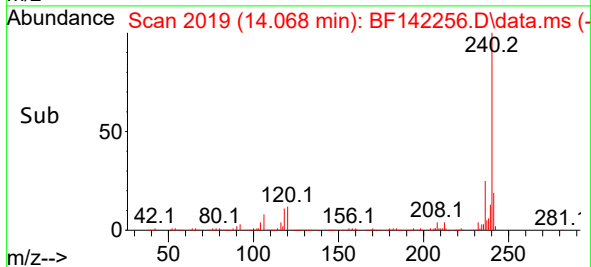
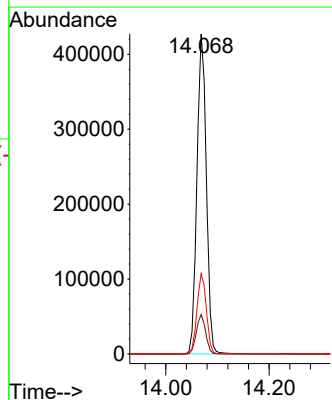
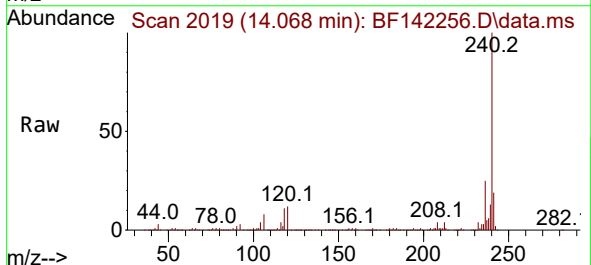
Instrument :
BNA_F
ClientSampleId :
PB167774TB

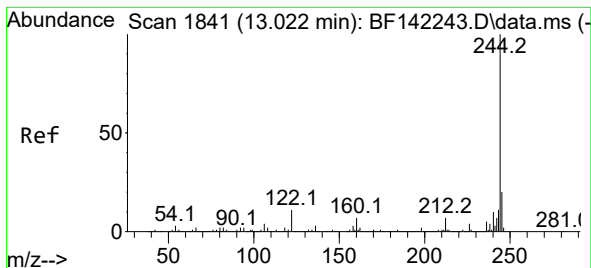
Tgt Ion:188 Resp: 773002
Ion Ratio Lower Upper
188 100
94 10.3 8.2 12.2
80 10.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142256.D
Acq: 01 May 2025 13:07

Tgt Ion:240 Resp: 539235
Ion Ratio Lower Upper
240 100
120 12.3 10.1 15.1
236 25.1 20.5 30.7





#79

Terphenyl-d14

Concen: 67.925 ng

RT: 13.021 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF142256.D

Acq: 01 May 2025 13:07

Instrument :

BNA_F

ClientSampleId :

PB167774TB

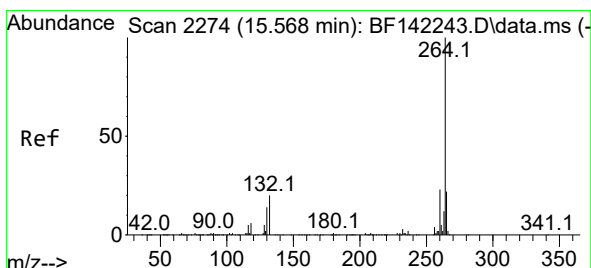
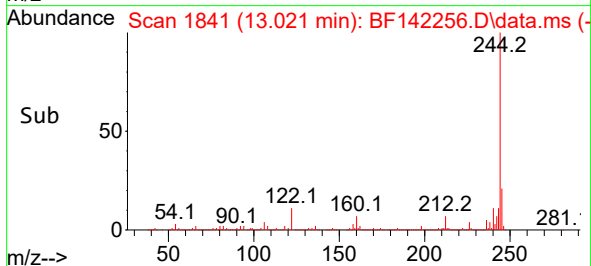
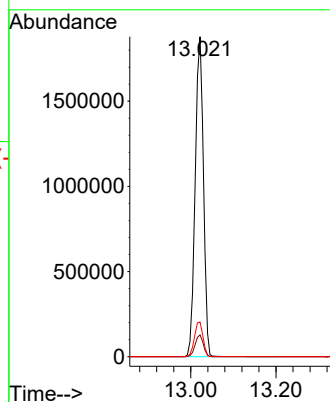
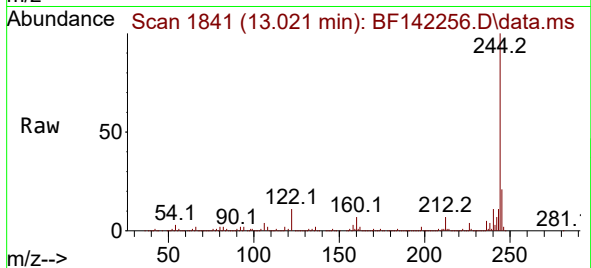
Tgt Ion:244 Resp: 2518381

Ion Ratio Lower Upper

244 100

212 6.8 5.3 7.9

122 10.9 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2273

Delta R.T. -0.006 min

Lab File: BF142256.D

Acq: 01 May 2025 13:07

Tgt Ion:264 Resp: 394051

Ion Ratio Lower Upper

264 100

260 23.3 18.4 27.6

265 21.6 17.3 25.9

