

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
Data File : BF142451.D
Acq On : 19 May 2025 15:04
Operator : RC/JU
Sample : Q2032-08
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-32

Quant Time: May 19 15:28:40 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	6.898	152	128621	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	454103	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	244134	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	432190	20.000	ng	0.00
76) Chrysene-d12	14.063	240	247849	20.000	ng	0.00
86) Perylene-d12	15.557	264	251162	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	610227	80.990	ng	0.00
7) Phenol-d6	6.522	99	689369	74.390	ng	0.00
23) Nitrobenzene-d5	7.457	82	395999	53.184	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	211719	89.823	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	818850	47.825	ng	0.00
79) Terphenyl-d14	13.010	244	786553	46.971	ng	0.00

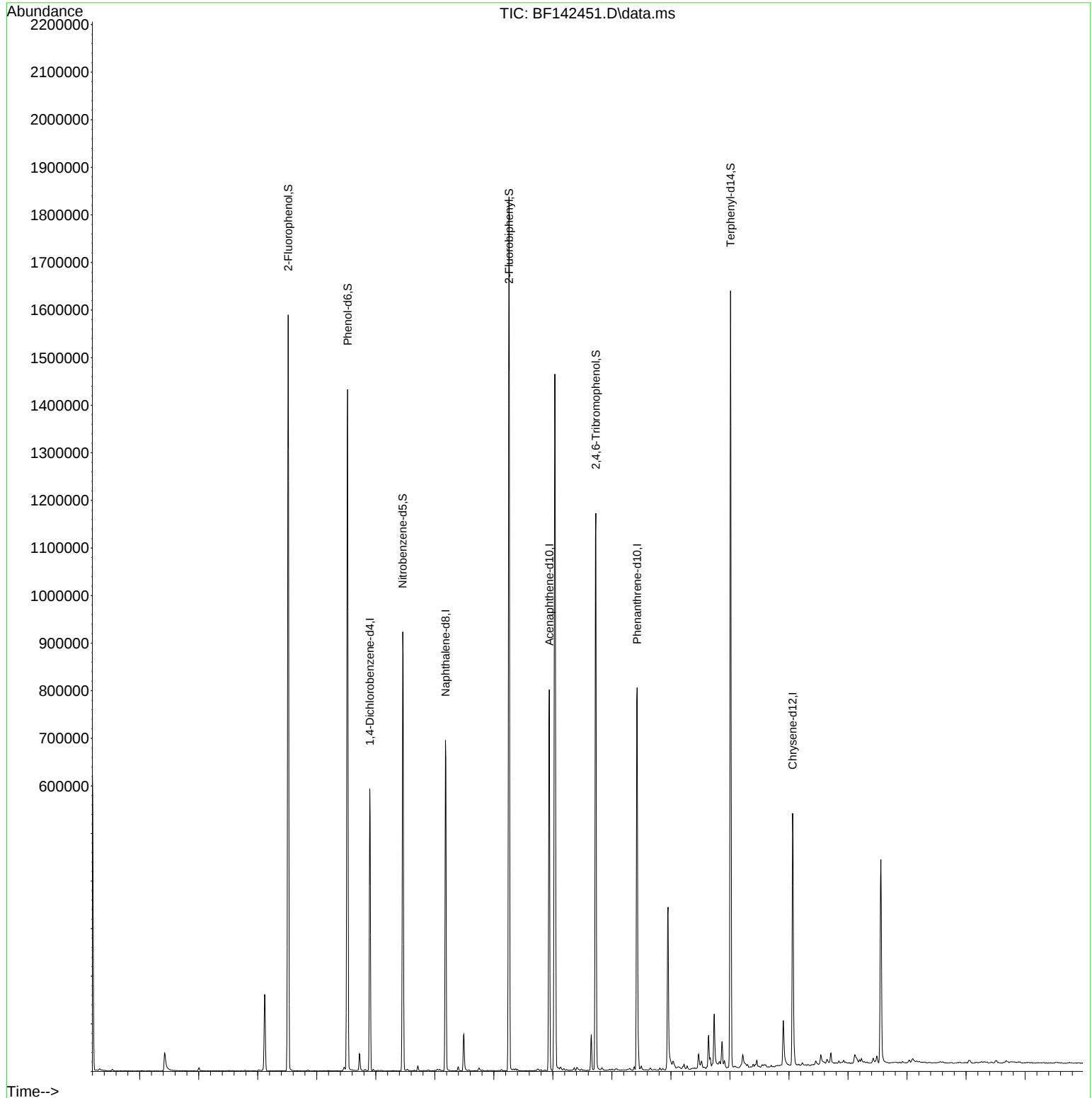
Target Compounds	Qvalue

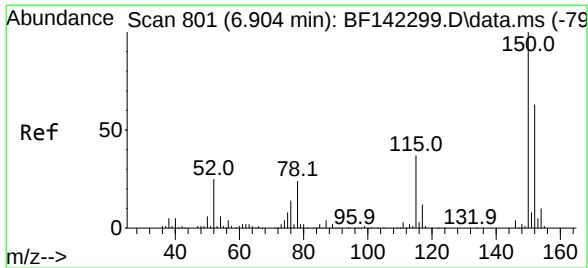
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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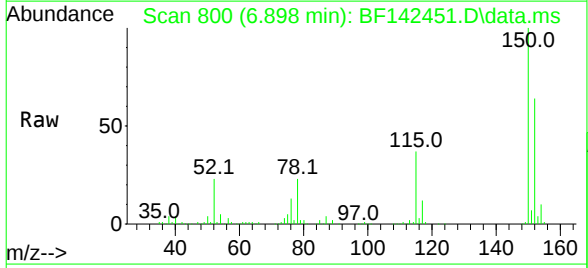
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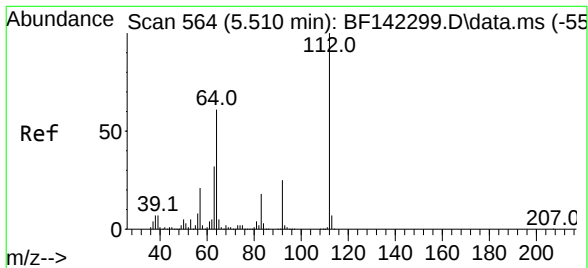
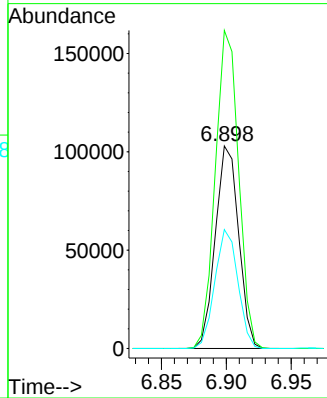
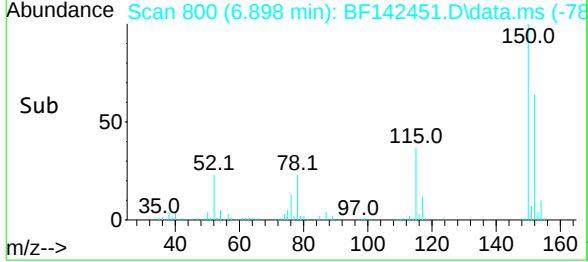


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

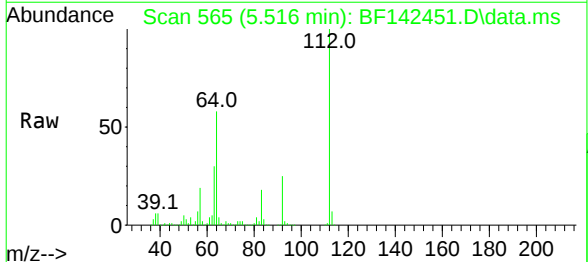
Instrument :
BNA_F
ClientSampleId :
TP-32



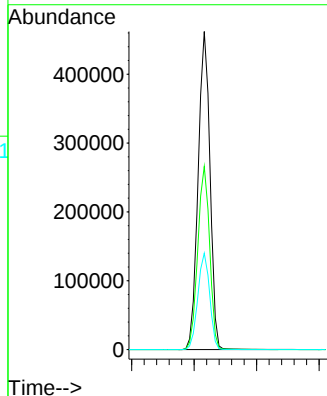
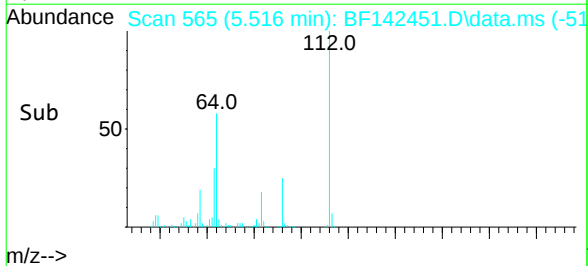
Tgt Ion:152 Resp: 128621
Ion Ratio Lower Upper
152 100
150 157.1 126.6 190.0
115 58.7 47.3 70.9

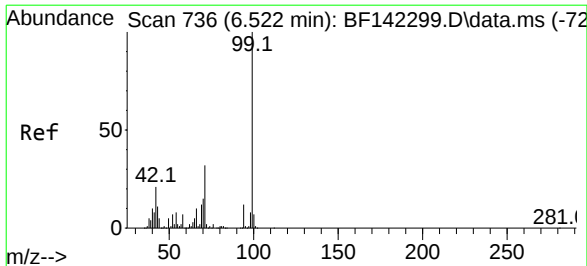


#5
2-Fluorophenol
Concen: 80.990 ng
RT: 5.516 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04



Tgt Ion:112 Resp: 610227
Ion Ratio Lower Upper
112 100
64 57.6 48.9 73.3
63 30.3 25.6 38.4

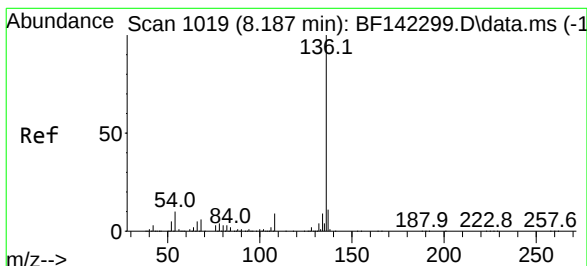
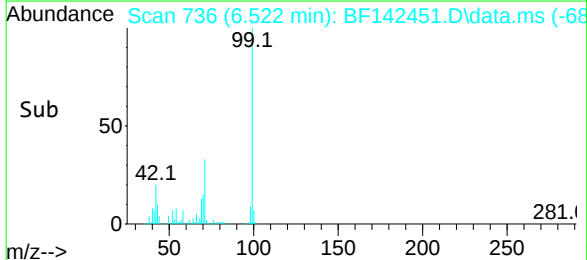
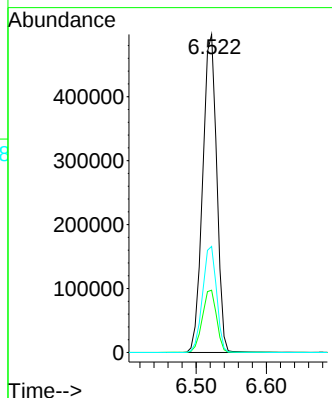
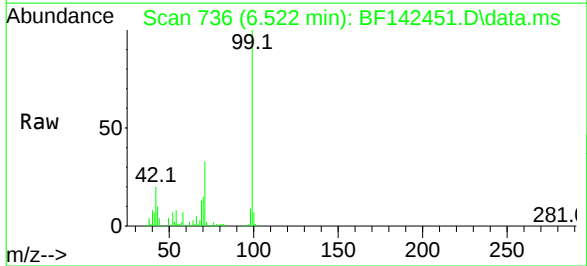




#7
Phenol-d6
Concen: 74.390 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

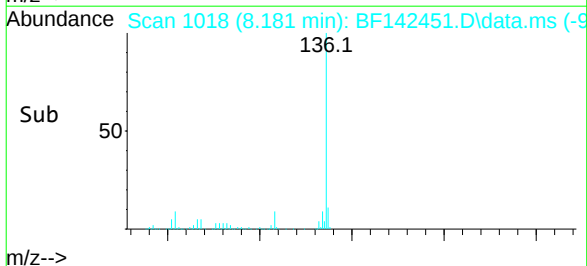
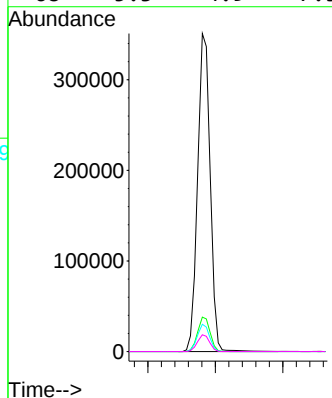
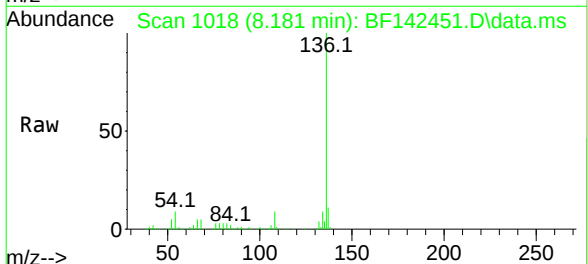
Instrument :
BNA_F
ClientSampleId :
TP-32

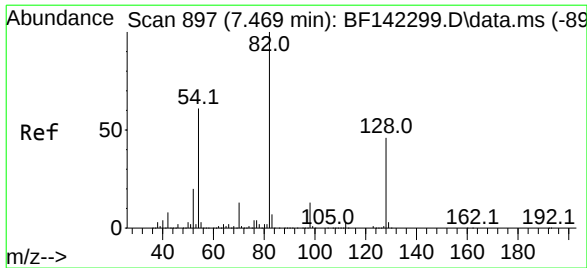
Tgt Ion:	99	Resp:	689369
Ion	Ratio	Lower	Upper
99	100		
42	19.6	17.0	25.4
71	33.4	25.8	38.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

Tgt Ion:	136	Resp:	454103
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.6	7.7	11.5
68	5.3	4.9	7.3

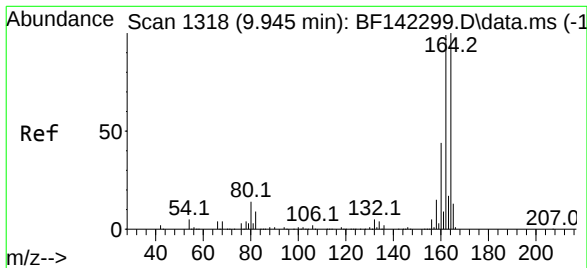
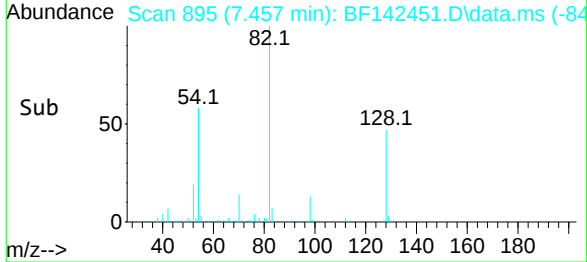
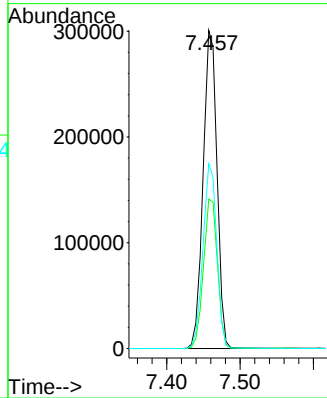
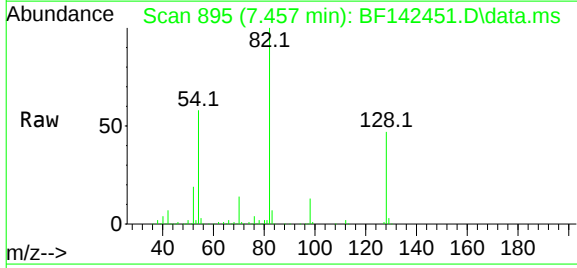




#23
Nitrobenzene-d5
Concen: 53.184 ng
RT: 7.457 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

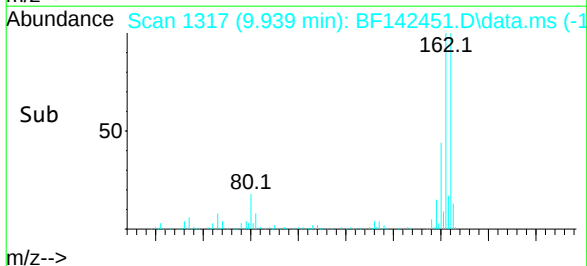
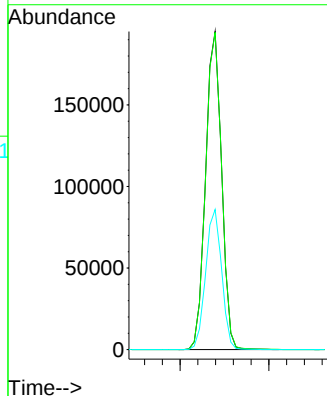
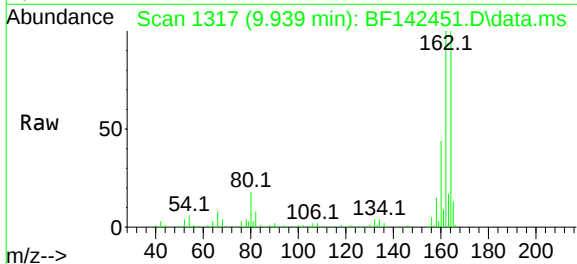
Instrument :
BNA_F
ClientSampleId :
TP-32

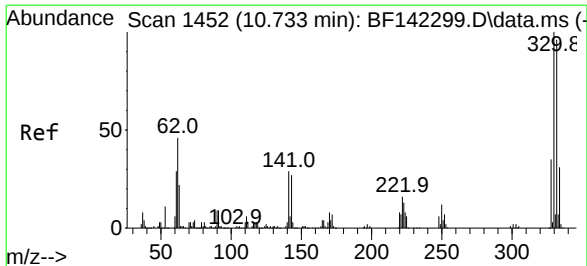
Tgt Ion: 82 Resp: 395999
Ion Ratio Lower Upper
82 100
128 46.9 37.0 55.6
54 58.1 48.6 73.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

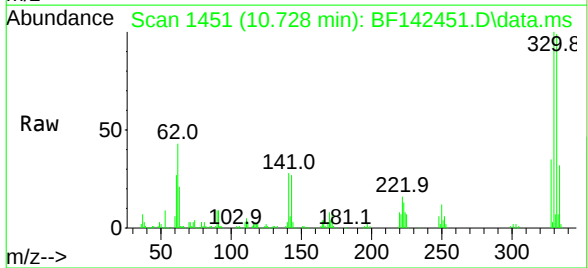
Tgt Ion: 164 Resp: 244134
Ion Ratio Lower Upper
164 100
162 99.7 79.2 118.8
160 44.0 35.3 52.9



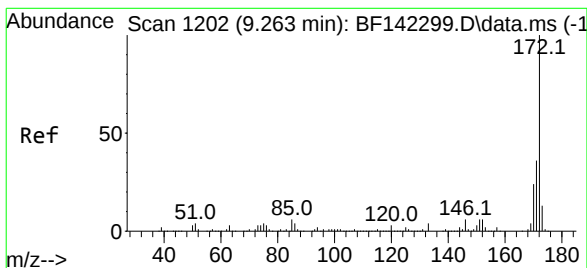
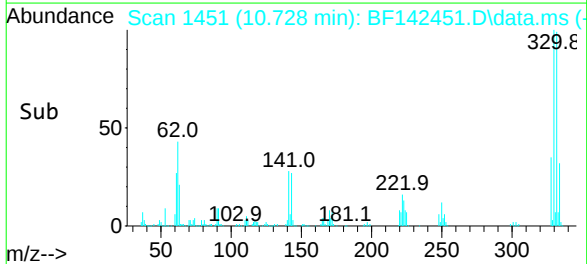
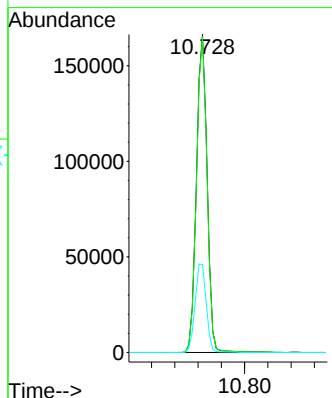


#42
2,4,6-Tribromophenol
Concen: 89.823 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

Instrument :
BNA_F
ClientSampleId :
TP-32

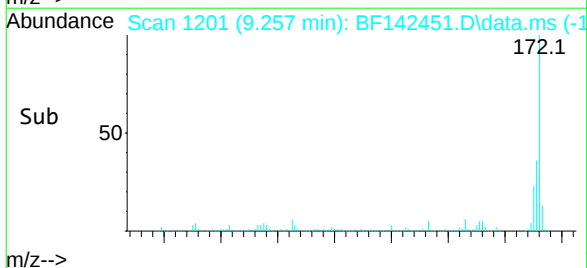
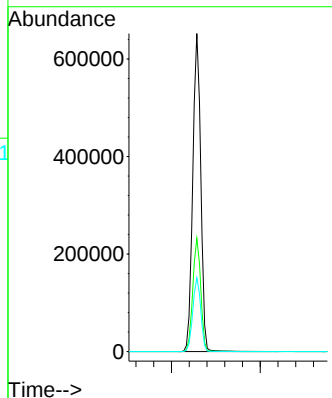
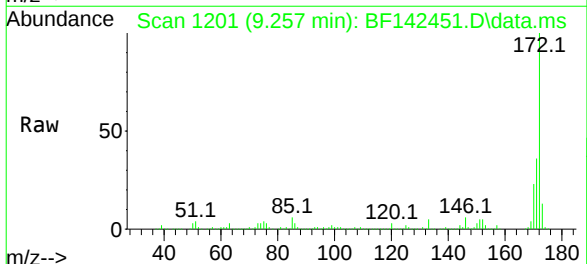


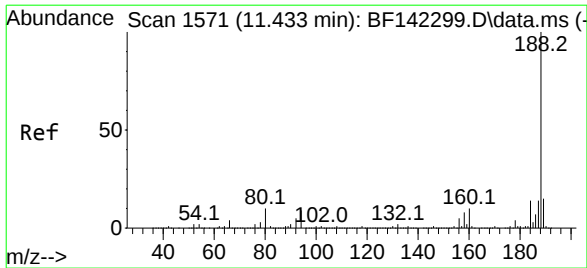
Tgt Ion: 330 Resp: 211719
Ion Ratio Lower Upper
330 100
332 98.6 76.8 115.2
141 29.3 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 47.825 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142451.D
Acq: 19 May 2025 15:04

Tgt Ion: 172 Resp: 818850
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.428 min Scan# 15

Delta R.T. -0.006 min

Lab File: BF142451.D

Acq: 19 May 2025 15:04

Instrument :

BNA_F

ClientSampleId :

TP-32

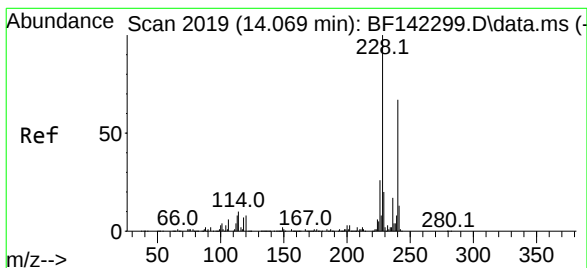
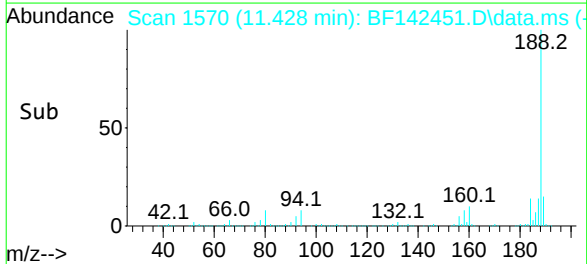
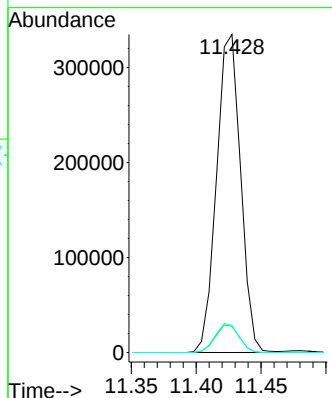
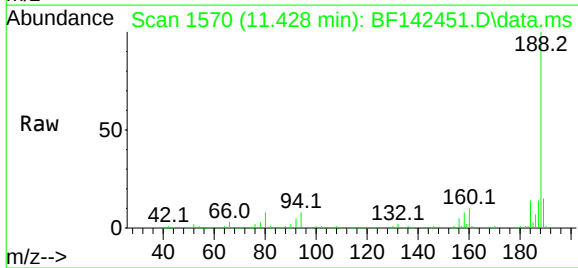
Tgt Ion:188 Resp: 432190

Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

80 8.5 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: BF142451.D

Acq: 19 May 2025 15:04

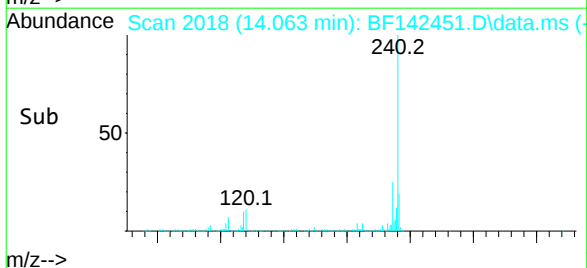
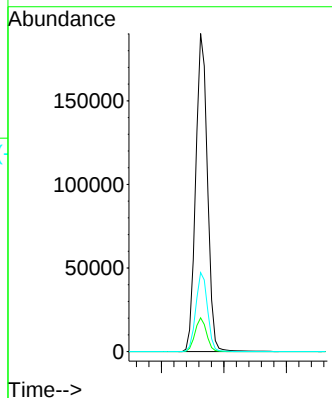
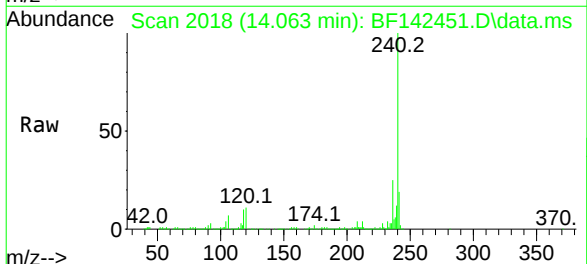
Tgt Ion:240 Resp: 247849

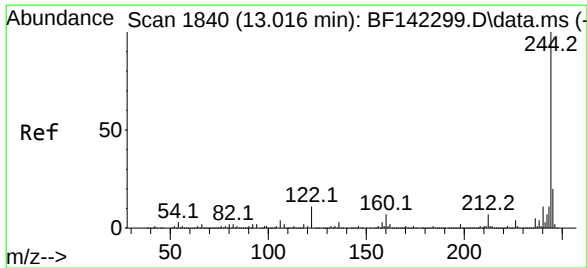
Ion Ratio Lower Upper

240 100

120 10.6 9.7 14.5

236 24.8 20.0 30.0





#79

Terphenyl-d14

Concen: 46.971 ng

RT: 13.010 min Scan# 18

Delta R.T. -0.006 min

Lab File: BF142451.D

Acq: 19 May 2025 15:04

Instrument :

BNA_F

ClientSampleId :

TP-32

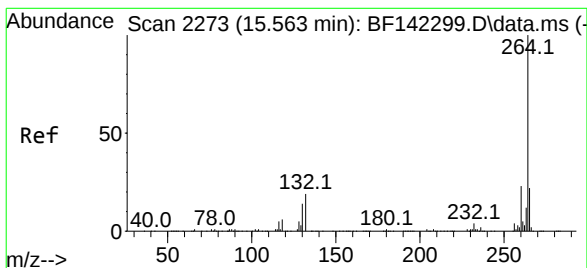
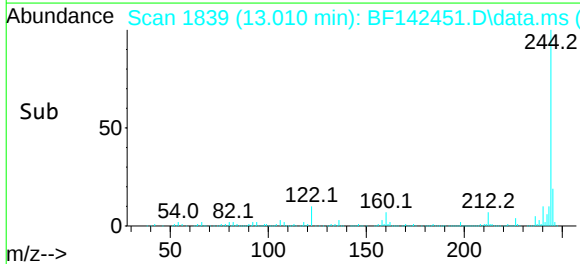
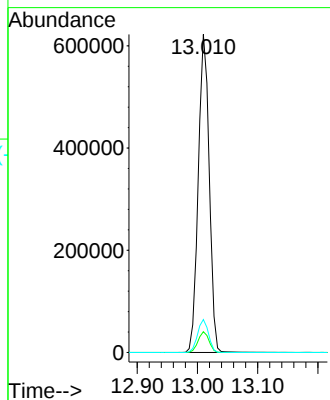
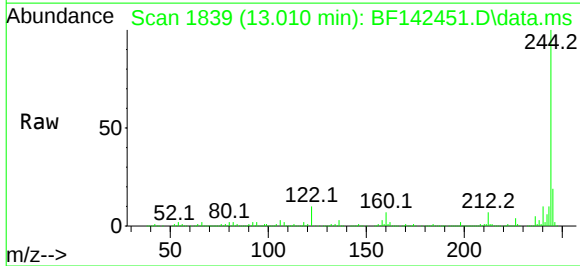
Tgt Ion:244 Resp: 786553

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.4 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: BF142451.D

Acq: 19 May 2025 15:04

Tgt Ion:264 Resp: 251162

Ion Ratio Lower Upper

264 100

260 23.7 18.6 27.8

265 21.4 17.5 26.3

