

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051925\
 Data File : BF142444.D
 Acq On : 19 May 2025 11:36
 Operator : RC/JU
 Sample : PB167987BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB167987BL

Quant Time: May 19 11:58:23 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	144027	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	587978	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	302454	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	558171	20.000	ng	0.00
76) Chrysene-d12	14.063	240	360634	20.000	ng	0.00
86) Perylene-d12	15.557	264	291777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	1105033	130.974	ng	0.02
7) Phenol-d6	6.522	99	1223807	117.935	ng	0.00
23) Nitrobenzene-d5	7.463	82	819894	85.042	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	438373	150.121	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1617605	76.260	ng	0.00
79) Terphenyl-d14	13.016	244	1809693	74.273	ng	0.00

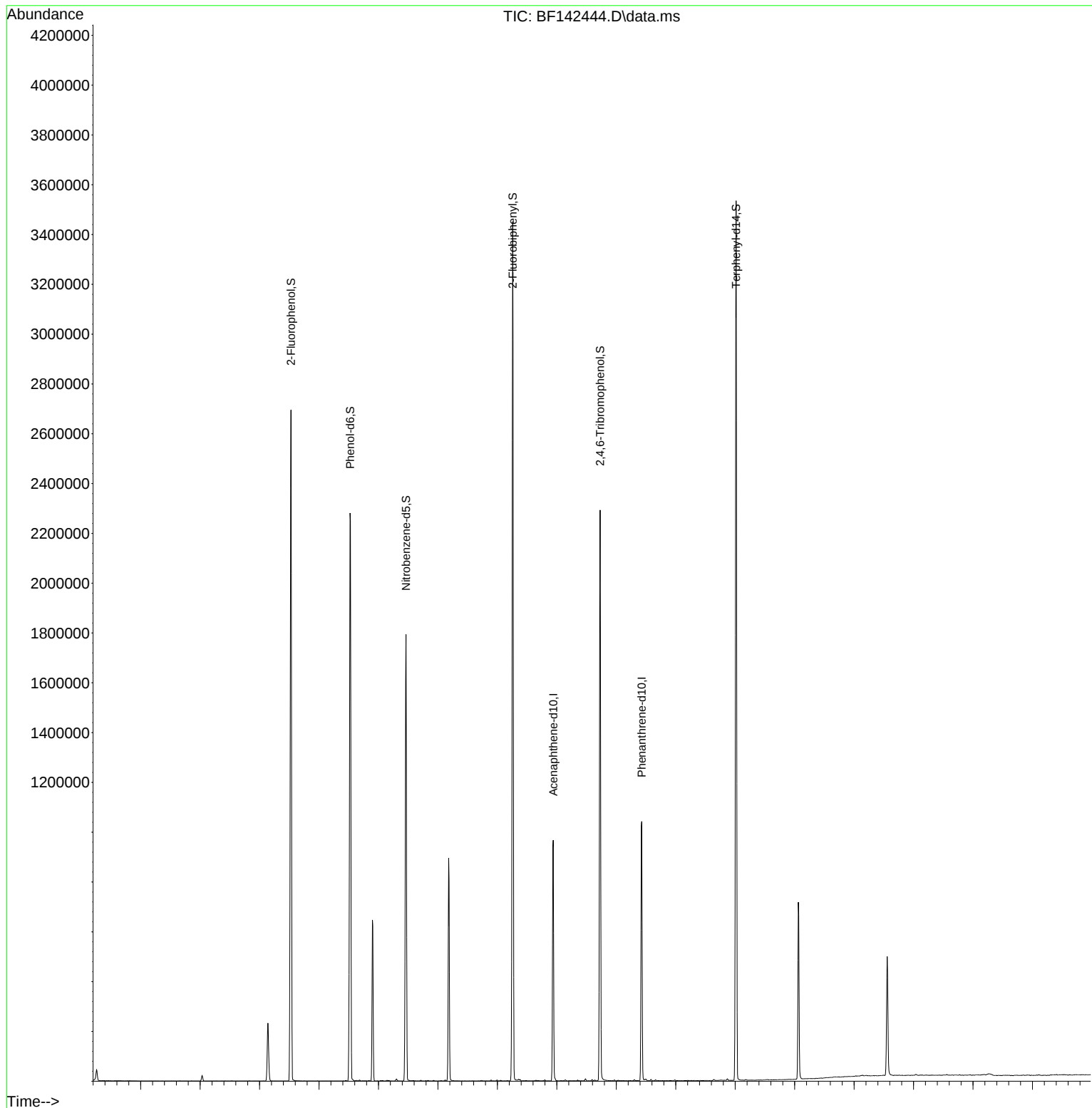
Target Compounds Qvalue

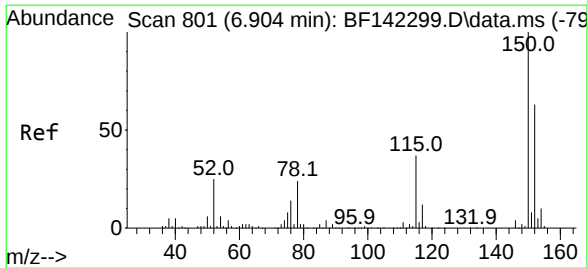
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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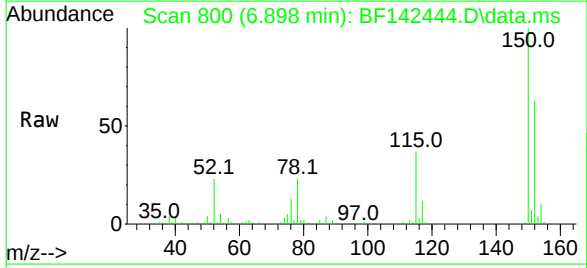
Quant Time: May 19 11:58:23 2025
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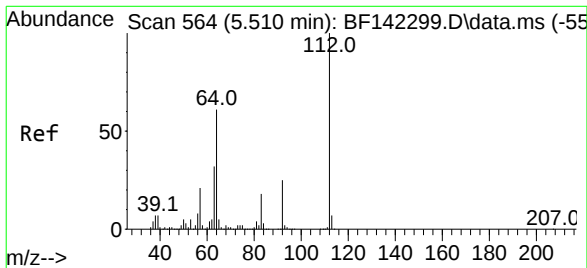
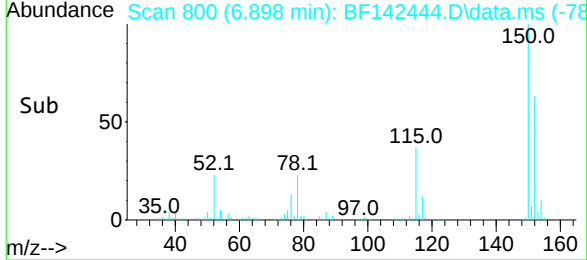
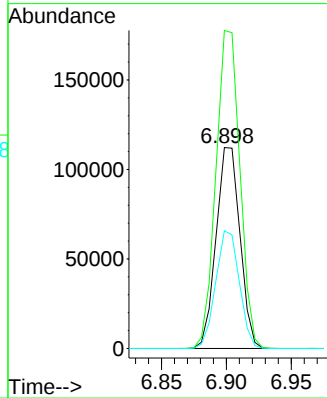


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB167987BL

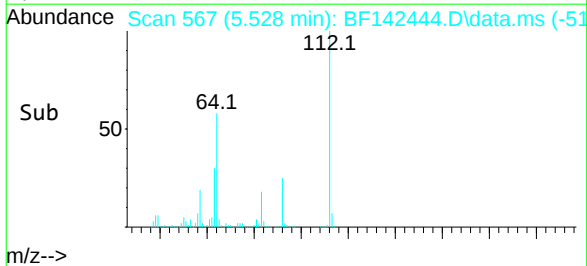
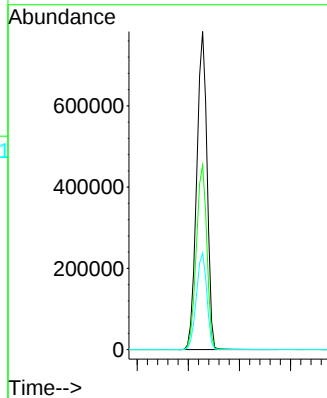
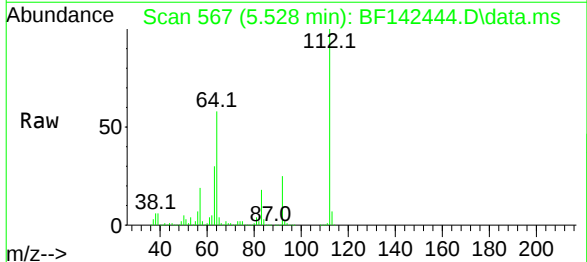


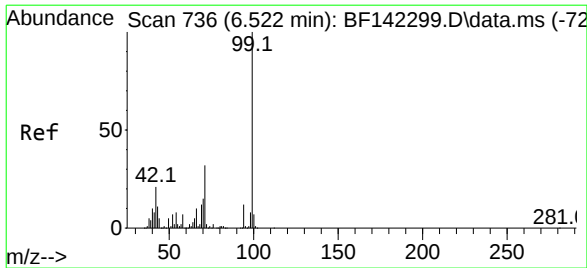
Tgt Ion:152 Resp: 144027
Ion Ratio Lower Upper
152 100
150 158.3 126.6 190.0
115 58.6 47.3 70.9



#5
2-Fluorophenol
Concen: 130.974 ng
RT: 5.528 min Scan# 567
Delta R.T. 0.018 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:112 Resp: 1105033
Ion Ratio Lower Upper
112 100
64 58.0 48.9 73.3
63 30.4 25.6 38.4



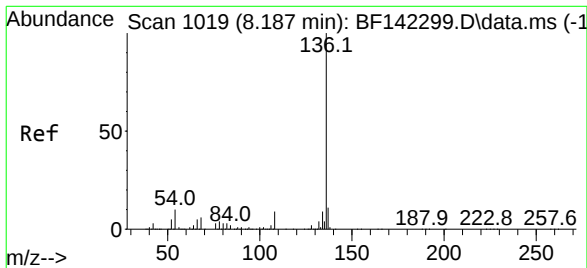
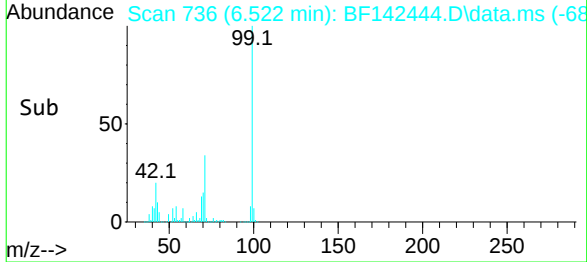
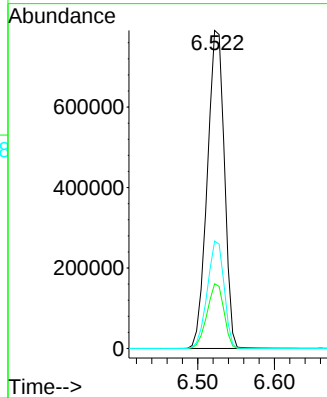
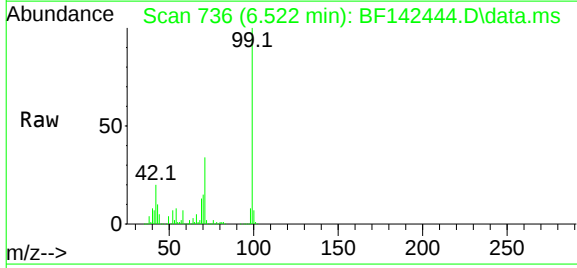


#7
Phenol-d6
Concen: 117.935 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Instrument :
BNA_F
ClientSampleId :
PB167987BL

Tgt Ion: 99 Resp: 1223807

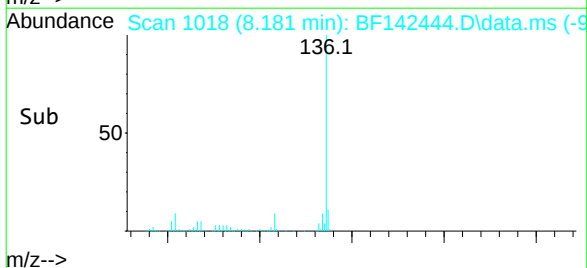
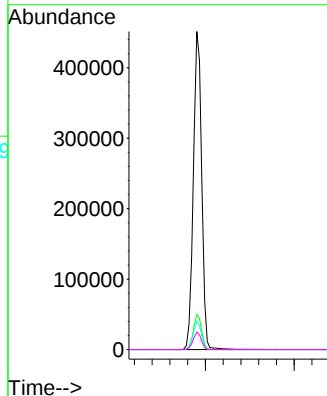
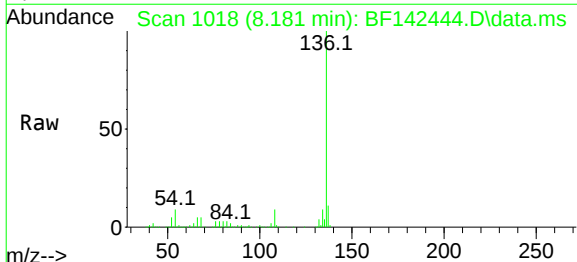
Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.0	25.4
71	33.8	25.8	38.8

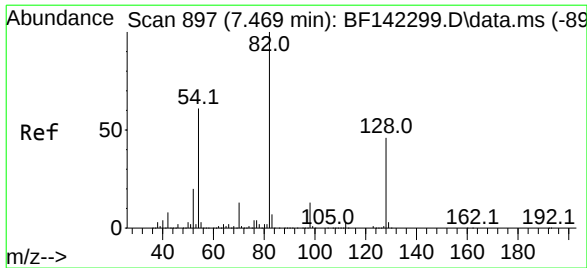


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion: 136 Resp: 587978

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.9	7.7	11.5
68	5.5	4.9	7.3

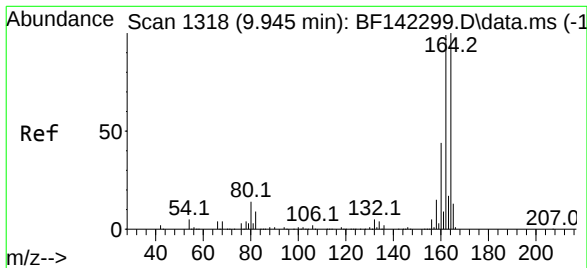
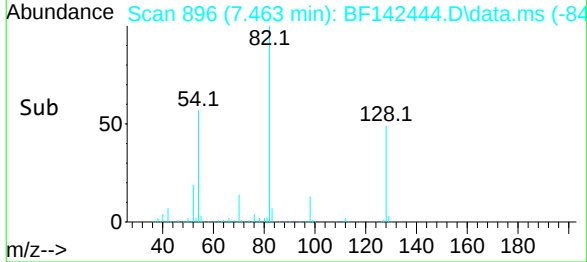
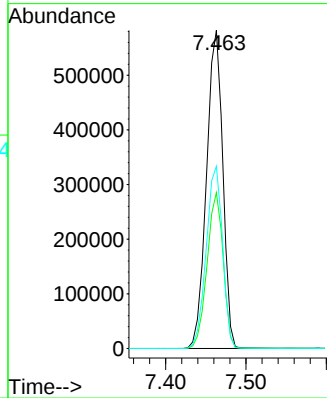
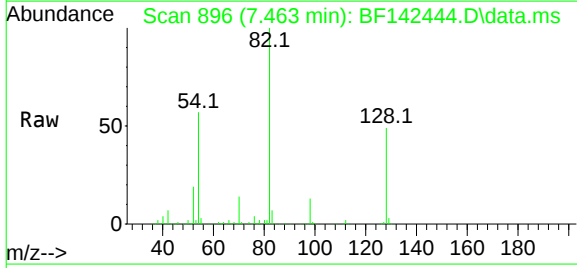




#23
Nitrobenzene-d5
Concen: 85.042 ng
RT: 7.463 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

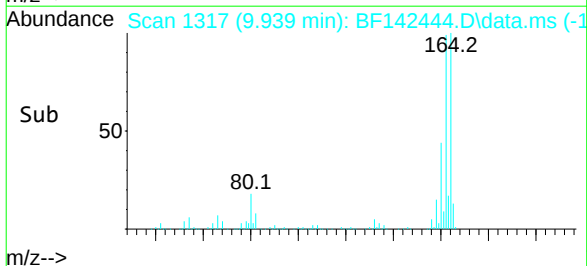
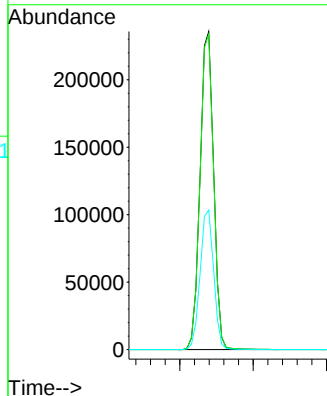
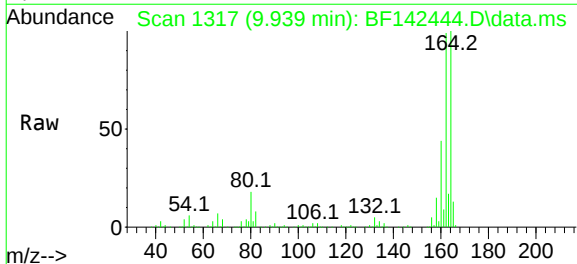
Instrument :
BNA_F
ClientSampleId :
PB167987BL

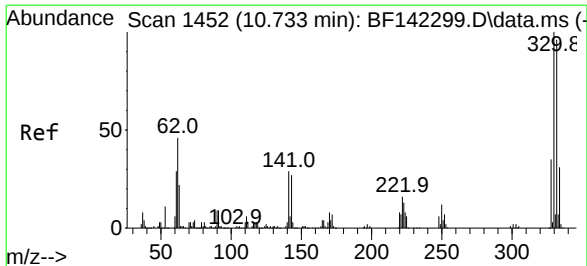
Tgt Ion: 82 Resp: 819894
Ion Ratio Lower Upper
82 100
128 49.0 37.0 55.6
54 57.3 48.6 73.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

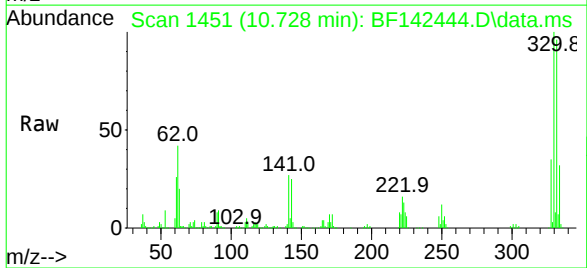
Tgt Ion: 164 Resp: 302454
Ion Ratio Lower Upper
164 100
162 99.1 79.2 118.8
160 43.9 35.3 52.9



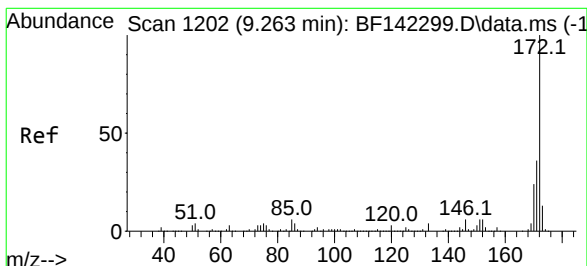
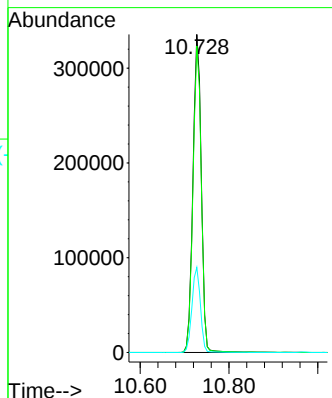
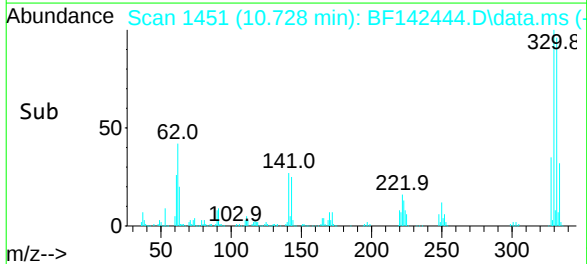


#42
2,4,6-Tribromophenol
Concen: 150.121 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

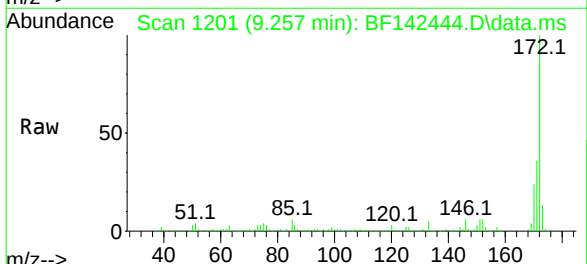
Instrument :
BNA_F
ClientSampleId :
PB167987BL



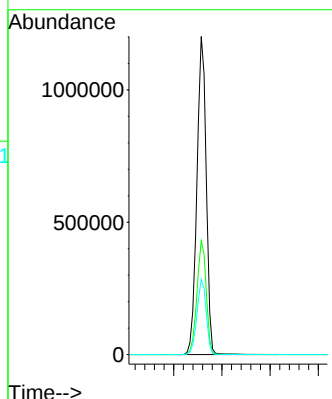
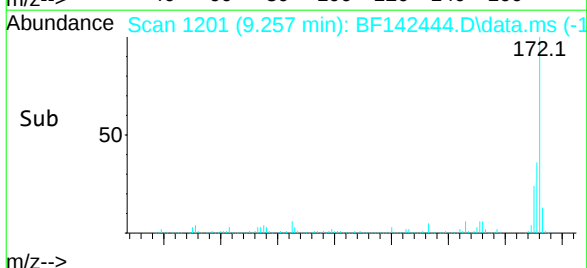
Tgt Ion: 330 Resp: 438373
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 27.1 24.9 37.3

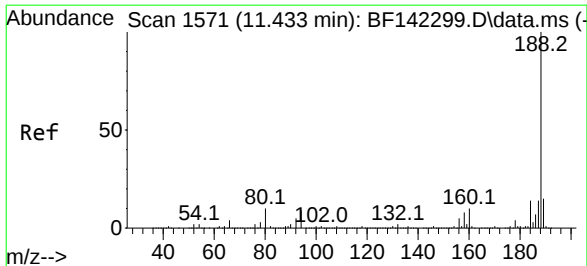


#45
2-Fluorobiphenyl
Concen: 76.260 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36



Tgt Ion: 172 Resp: 1617605
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 23.6 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: BF142444.D

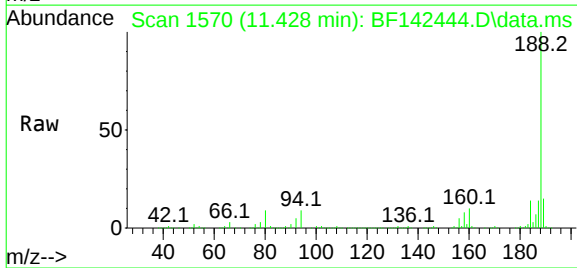
Acq: 19 May 2025 11:36

Instrument :

BNA_F

ClientSampleId :

PB167987BL



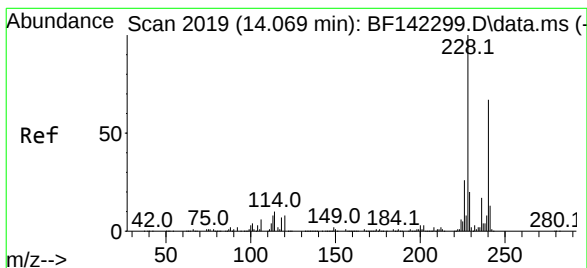
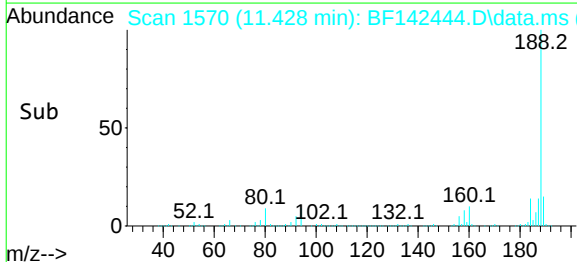
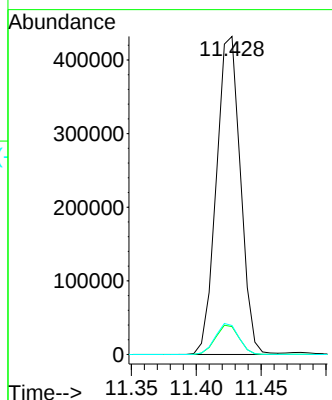
Tgt Ion:188 Resp: 558171

Ion Ratio Lower Upper

188 100

94 8.8 7.5 11.3

80 9.1 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: BF142444.D

Acq: 19 May 2025 11:36

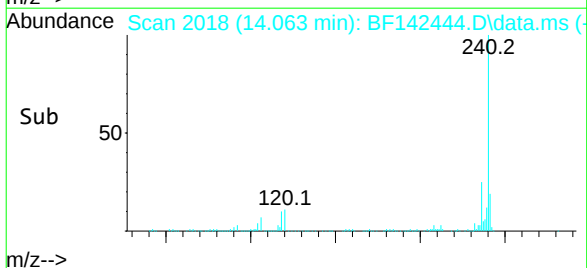
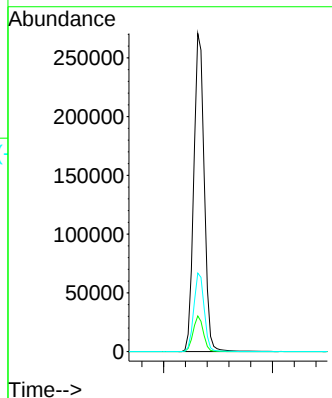
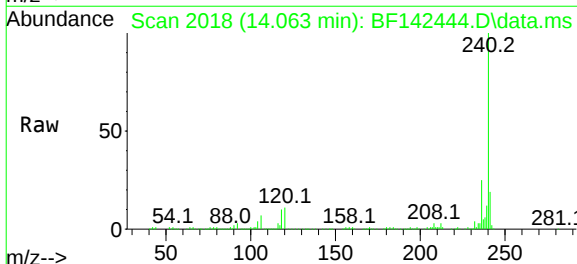
Tgt Ion:240 Resp: 360634

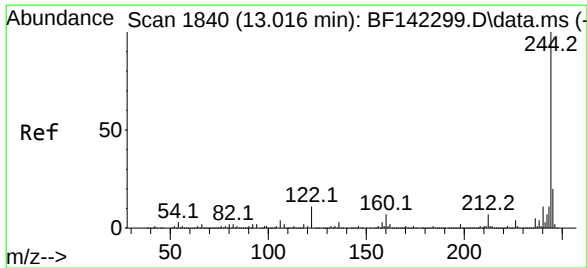
Ion Ratio Lower Upper

240 100

120 11.2 9.7 14.5

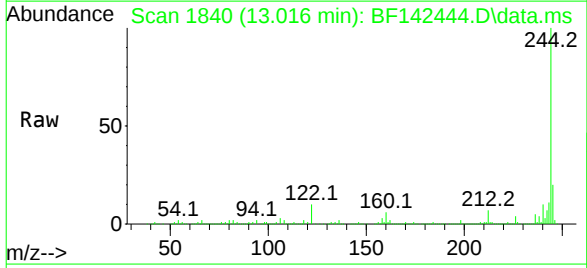
236 24.7 20.0 30.0



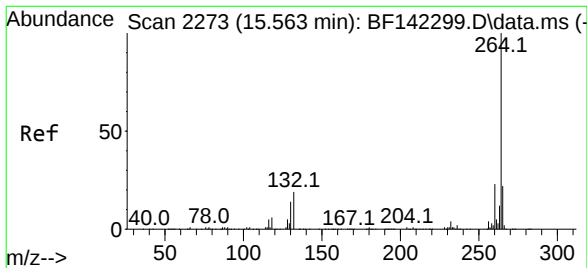
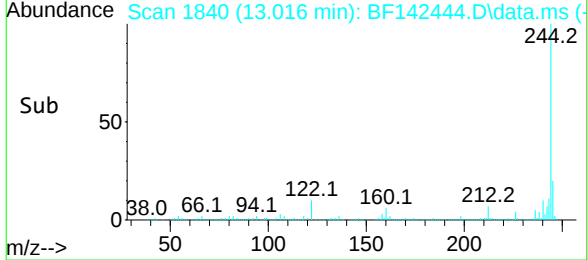
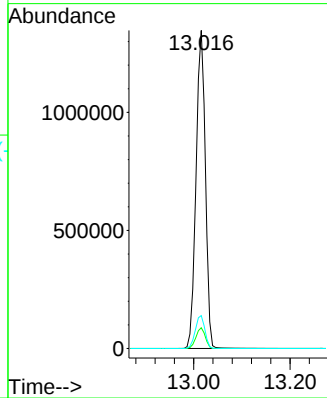


#79
Terphenyl-d14
Concen: 74.273 ng
RT: 13.016 min Scan# 1840
Delta R.T. 0.000 min
Lab File: BF142444.D
Acq: 19 May 2025 11:36

Instrument :
BNA_F
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PB167987BL



Tgt Ion:244 Resp: 1809693
Ion Ratio Lower Upper
244 100
212 6.5 5.4 8.2
122 10.3 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: BF142444.D
Acq: 19 May 2025 11:36

Tgt Ion:264 Resp: 291777
Ion Ratio Lower Upper
264 100
260 23.5 18.6 27.8
265 21.8 17.5 26.3

