

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142528.D
 Acq On : 23 May 2025 11:41
 Operator : RC/JU
 Sample : PB168126BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB168126BL

Quant Time: May 23 12:05:51 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	108646	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	416736	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	234758	20.000	ng	-0.01
64) Phenanthrene-d10	11.428	188	439276	20.000	ng	0.00
76) Chrysene-d12	14.069	240	317833	20.000	ng	0.00
86) Perylene-d12	15.563	264	240419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	794724	123.237	ng	0.00
7) Phenol-d6	6.522	99	955076	123.033	ng	-0.01
23) Nitrobenzene-d5	7.457	82	588896	77.055	ng	-0.02
42) 2,4,6-Tribromophenol	10.728	330	339357	130.246	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	1288490	73.649	ng	-0.01
79) Terphenyl-d14	13.016	244	1527119	65.660	ng	0.00

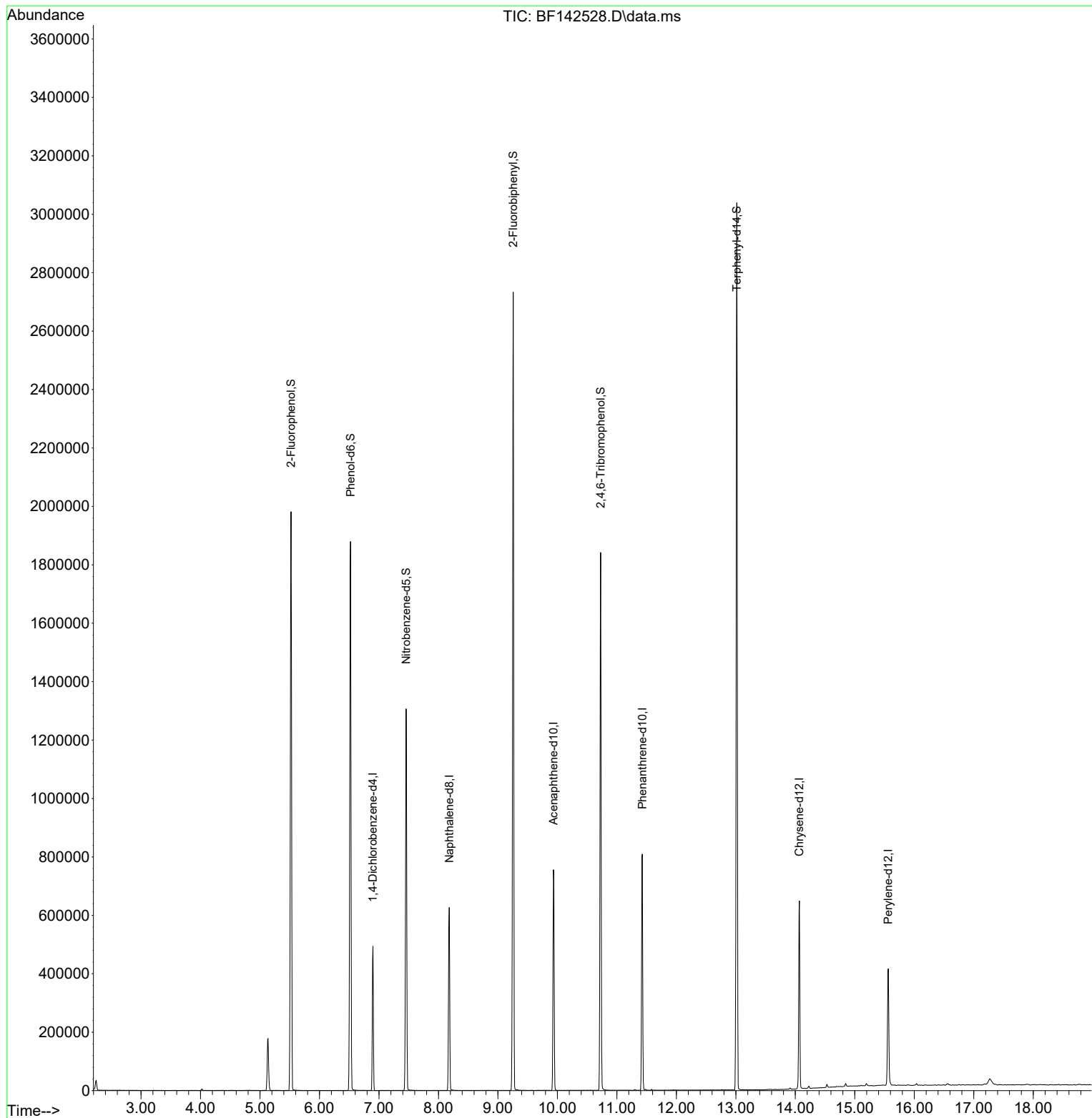
Target Compounds	Qvalue

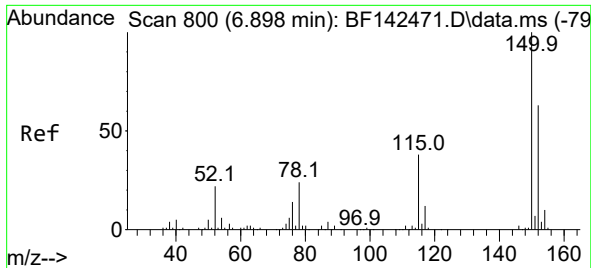
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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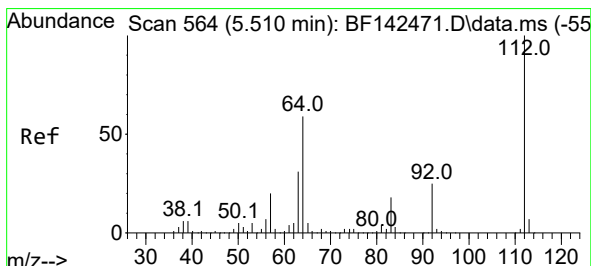
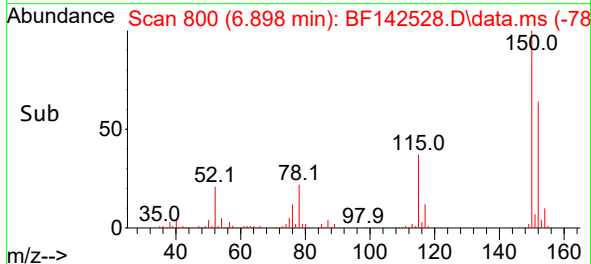
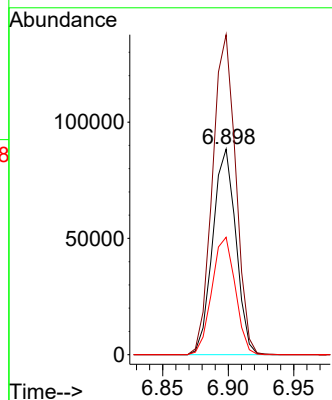
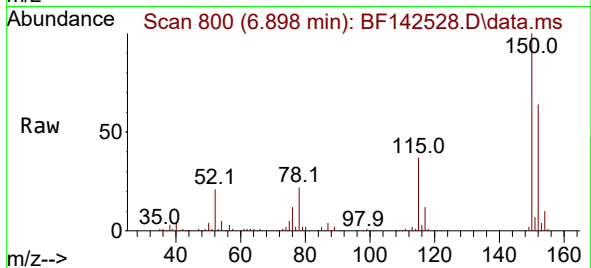




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 800
 Delta R.T. -0.006 min
 Lab File: BF142528.D
 Acq: 23 May 2025 11:41

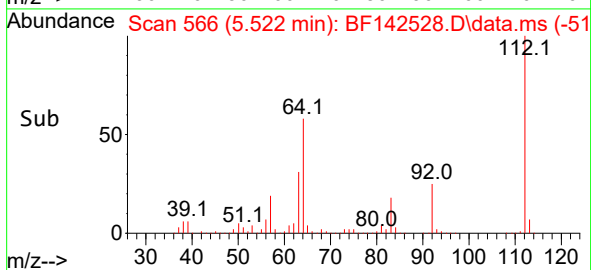
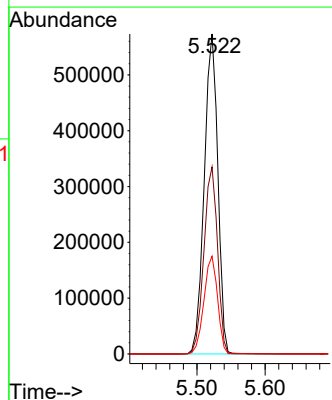
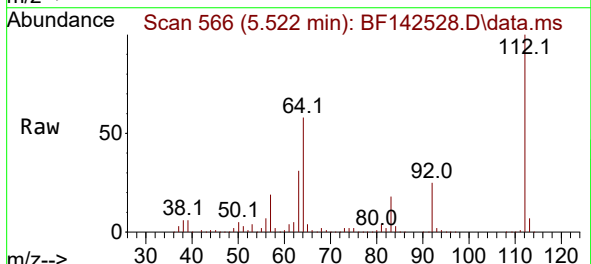
Instrument :
 BNA_F
 ClientSampleId :
 PB168126BL

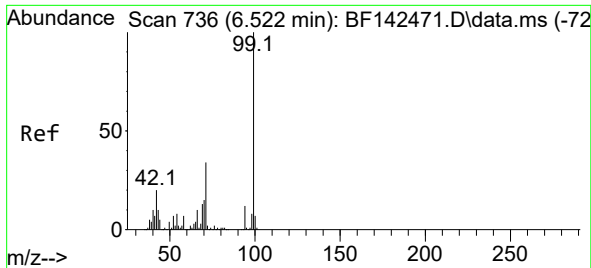
Tgt Ion:152 Resp: 108646
 Ion Ratio Lower Upper
 152 100
 150 155.6 128.2 192.4
 115 57.1 48.3 72.5



#5
 2-Fluorophenol
 Concen: 123.237 ng
 RT: 5.522 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: BF142528.D
 Acq: 23 May 2025 11:41

Tgt Ion:112 Resp: 794724
 Ion Ratio Lower Upper
 112 100
 64 58.5 47.5 71.3
 63 30.5 24.9 37.3

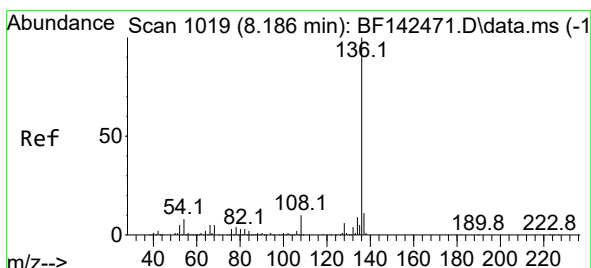
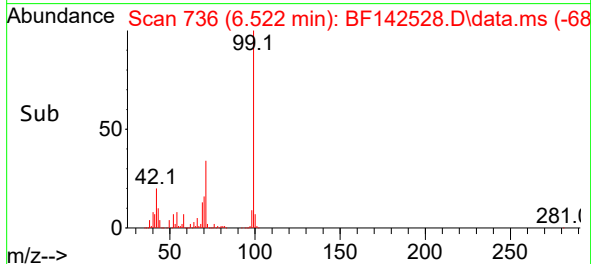
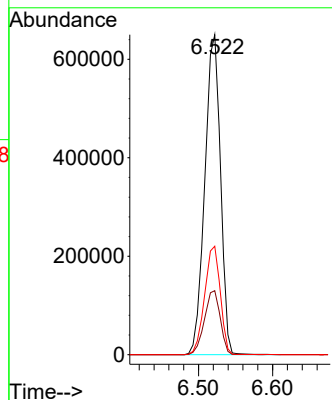
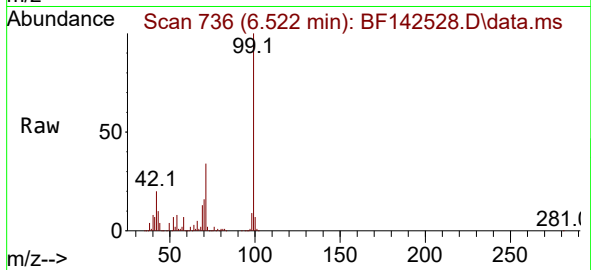




#7
Phenol-d6
Concen: 123.033 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF142528.D
Acq: 23 May 2025 11:41

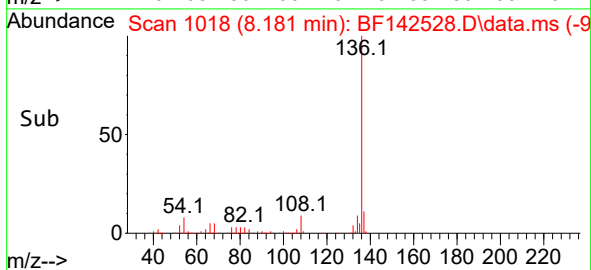
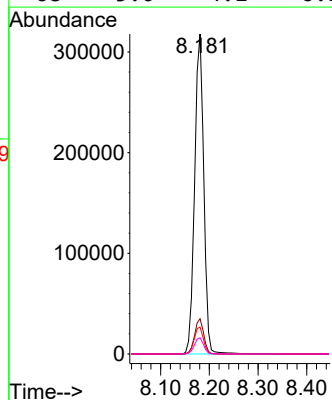
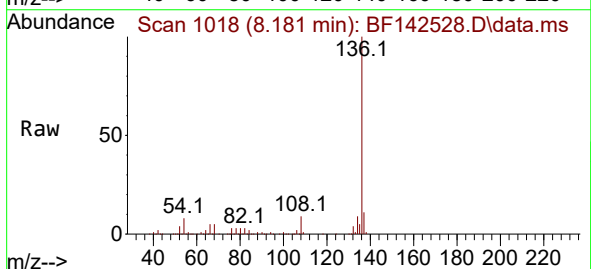
Instrument :
BNA_F
ClientSampleId :
PB168126BL

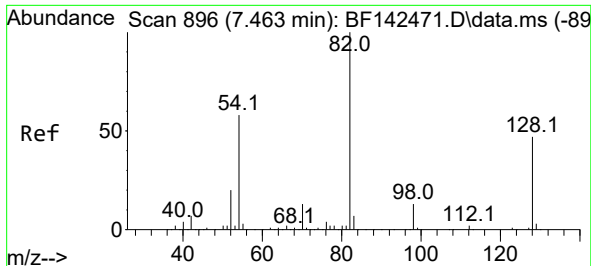
Tgt Ion: 99 Resp: 955076
Ion Ratio Lower Upper
99 100
42 20.0 16.2 24.2
71 33.9 27.3 40.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF142528.D
Acq: 23 May 2025 11:41

Tgt Ion:136 Resp: 416736
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.4 6.6 10.0
68 5.0 4.1 6.1





#23

Nitrobenzene-d5

Concen: 77.055 ng

RT: 7.457 min Scan# 89

Delta R.T. -0.017 min

Lab File: BF142528.D

Acq: 23 May 2025 11:41

Instrument :

BNA_F

ClientSampleId :

PB168126BL

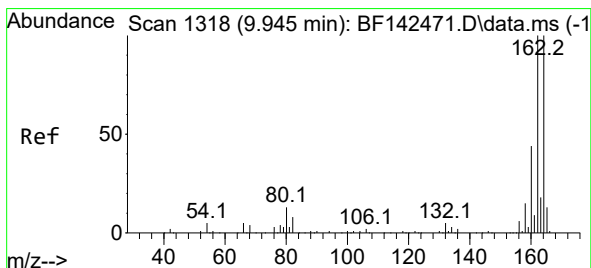
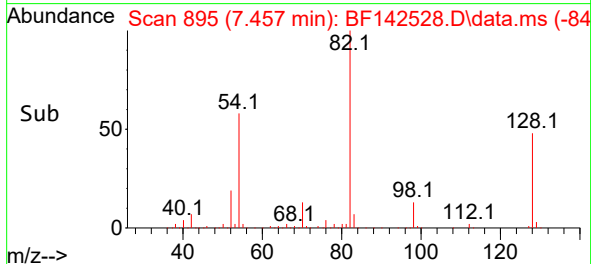
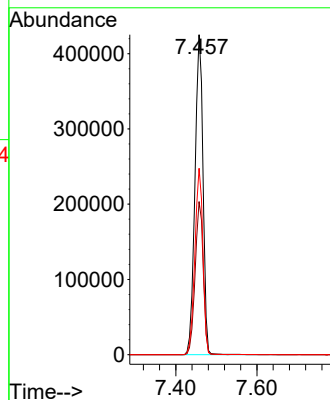
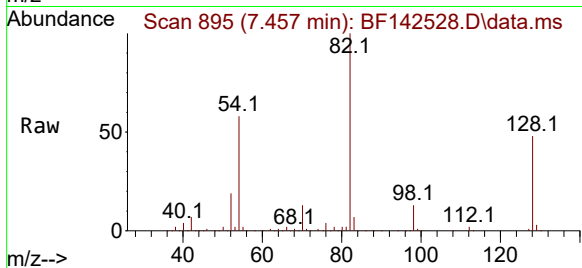
Tgt Ion: 82 Resp: 588896

Ion Ratio Lower Upper

82 100

128 47.9 37.4 56.2

54 58.2 46.6 70.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1316

Delta R.T. -0.012 min

Lab File: BF142528.D

Acq: 23 May 2025 11:41

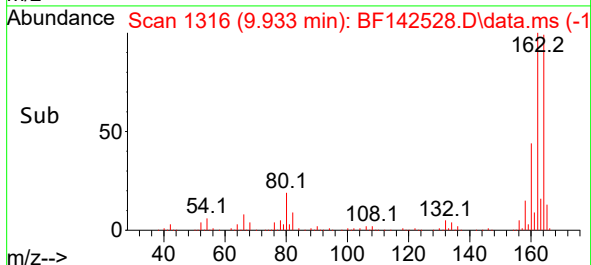
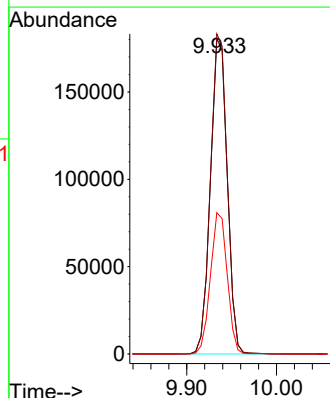
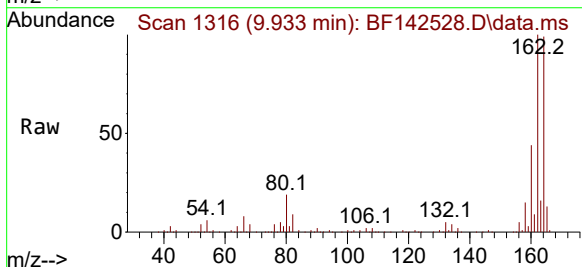
Tgt Ion:164 Resp: 234758

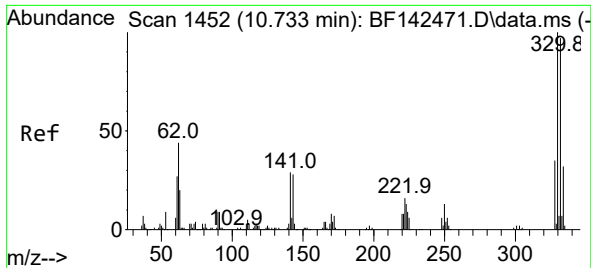
Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.4

160 44.8 35.6 53.4

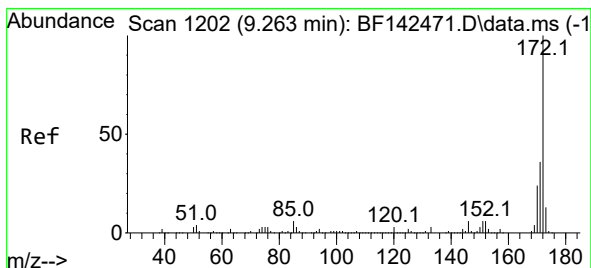
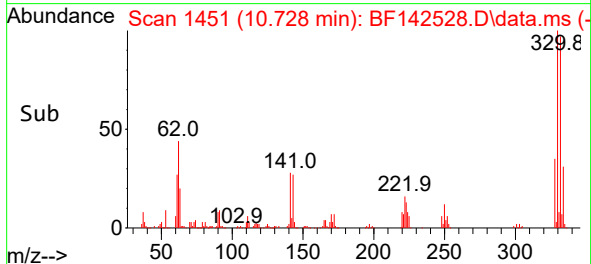
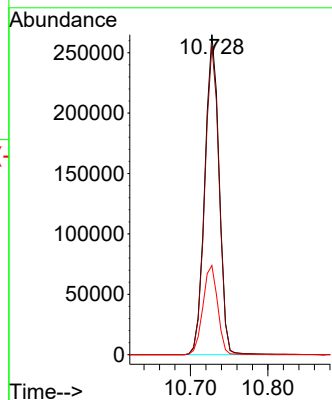
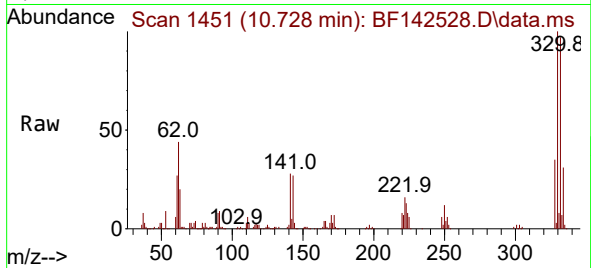




#42
2,4,6-Tribromophenol
Concen: 130.246 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142528.D
Acq: 23 May 2025 11:41

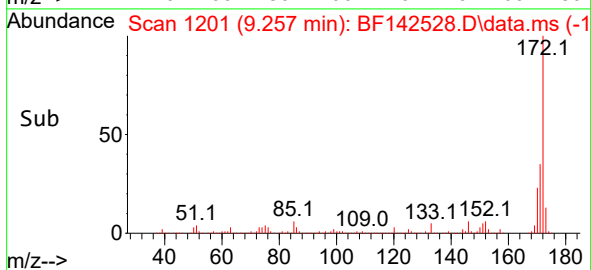
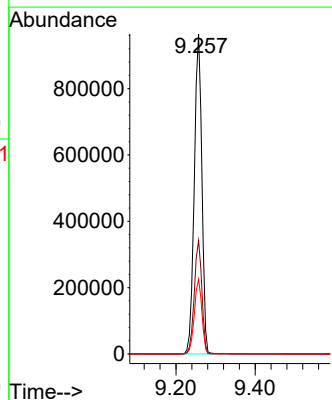
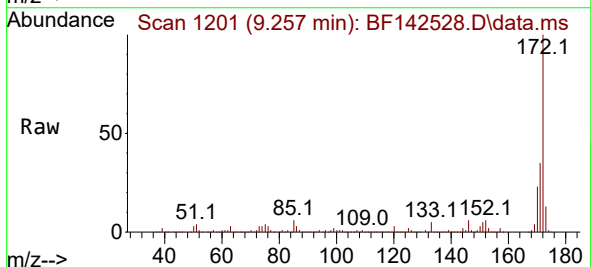
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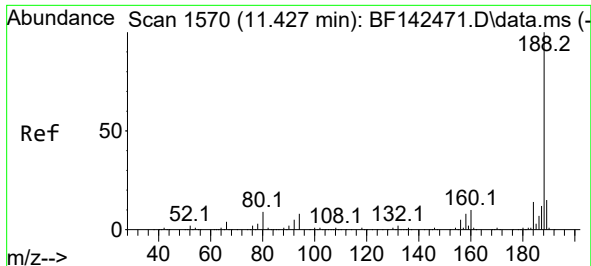
Tgt Ion:330 Resp: 339357
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 28.7 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 73.649 ng
RT: 9.257 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF142528.D
Acq: 23 May 2025 11:41

Tgt Ion:172 Resp: 1288490
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.4 18.9 28.3

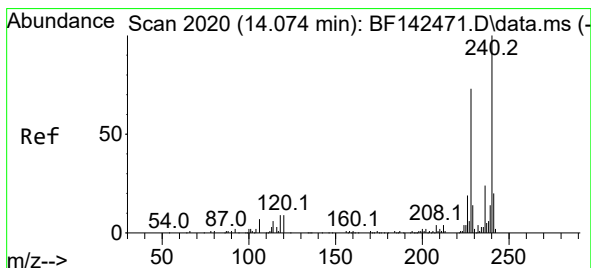
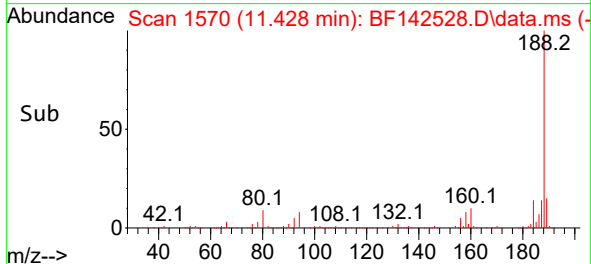
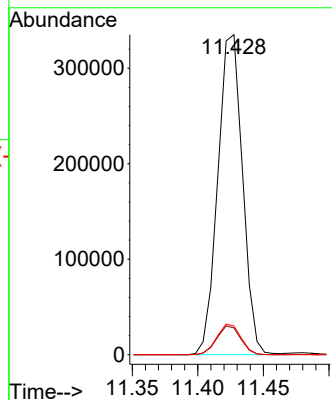
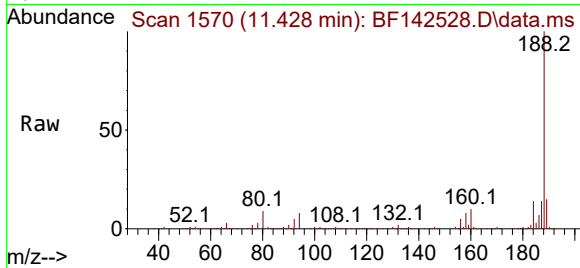




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142528.D
Acq: 23 May 2025 11:41

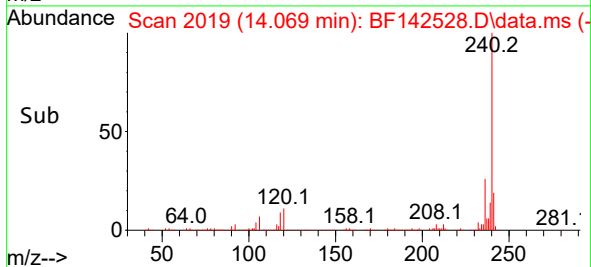
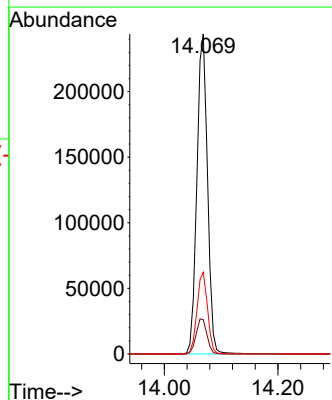
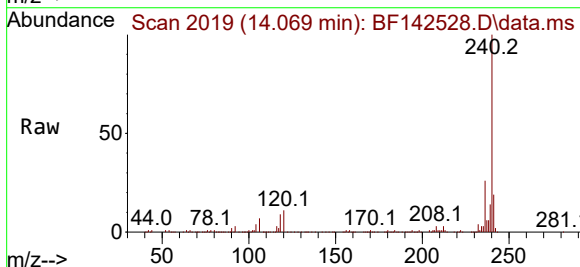
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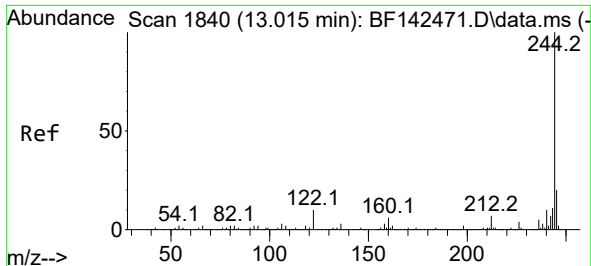
Tgt Ion:188 Resp: 439276
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.9 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF142528.D
Acq: 23 May 2025 11:41

Tgt Ion:240 Resp: 317833
Ion Ratio Lower Upper
240 100
120 10.8 7.5 11.3
236 25.6 19.6 29.4

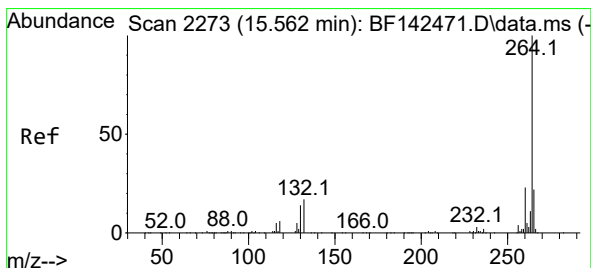
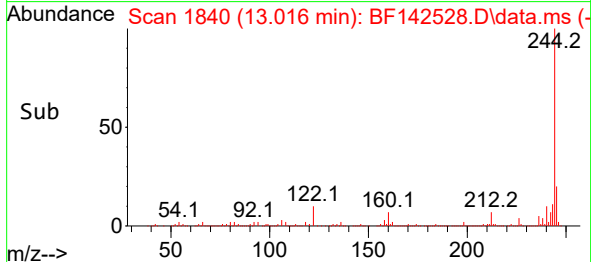
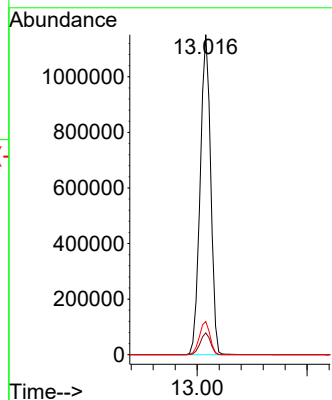
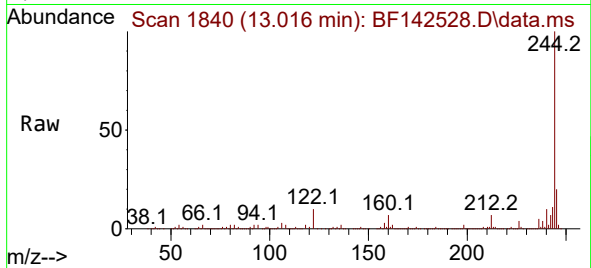




#79
 Terphenyl-d14
 Concen: 65.660 ng
 RT: 13.016 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF142528.D
 Acq: 23 May 2025 11:41

Instrument :
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 ClientSampleId :
 PB168126BL

Tgt Ion:244 Resp: 1527119
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 10.4 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF142528.D
 Acq: 23 May 2025 11:41

Tgt Ion:264 Resp: 240419
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.6 28.0
 265 20.8 17.7 26.5

