

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072525\
 Data File : BF143254.D
 Acq On : 25 Jul 2025 16:47
 Operator : RC/JU
 Sample : Q2691-01 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 295

Quant Time: Jul 25 17:28:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 17 15:14:05 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	77755	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	277331	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	131317	20.000	ng	0.00
64) Phenanthrene-d10	11.510	188	164560	20.000	ng	# 0.02
76) Chrysene-d12	14.145	240	188118	20.000	ng	0.02
86) Perylene-d12	15.651	264	159915	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	18617	3.789	ng	0.00
7) Phenol-d6	6.575	99	24853	4.019	ng	-0.01
23) Nitrobenzene-d5	7.510	82	15533	2.792	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	5675	4.183	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	33546	3.494	ng	-0.01
79) Terphenyl-d14	13.092	244	31246	2.472	ng	0.02

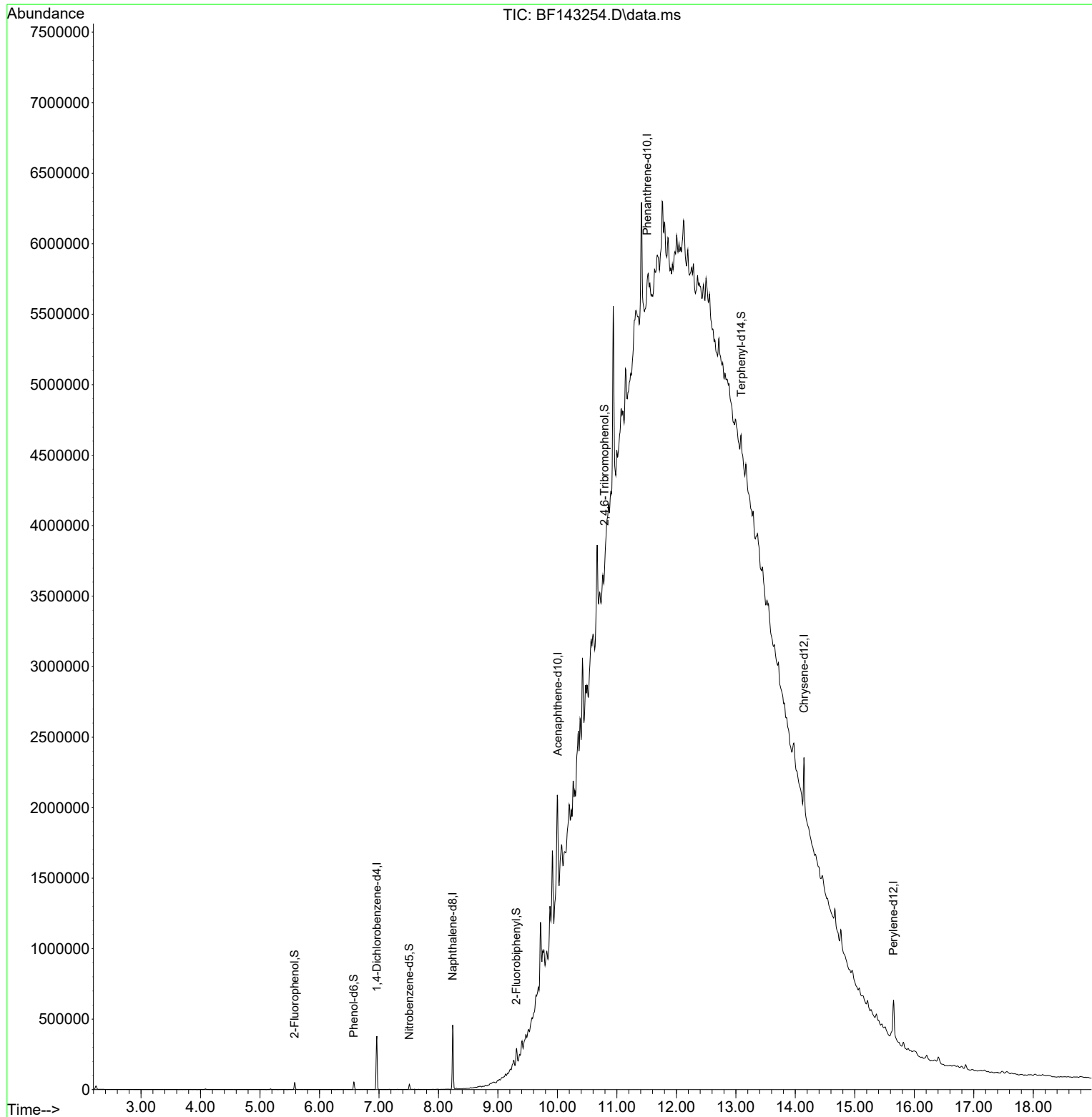
Target Compounds	Qvalue

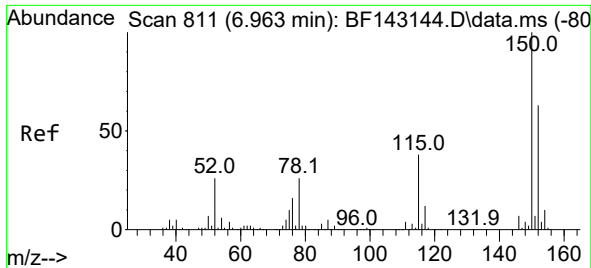
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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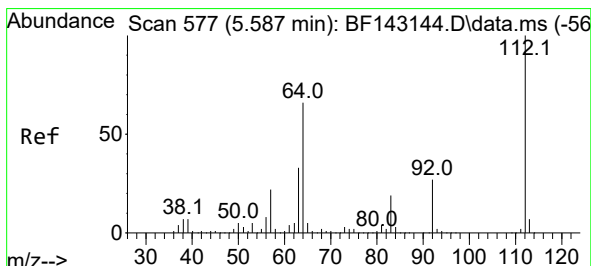
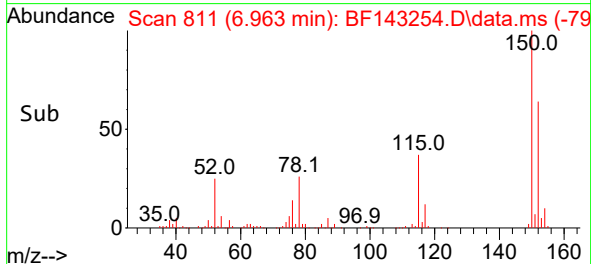
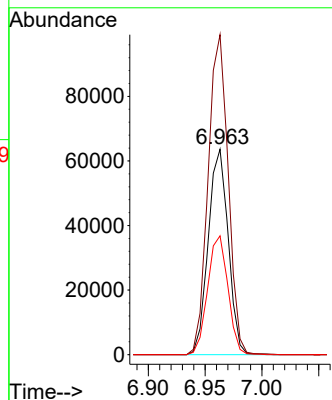
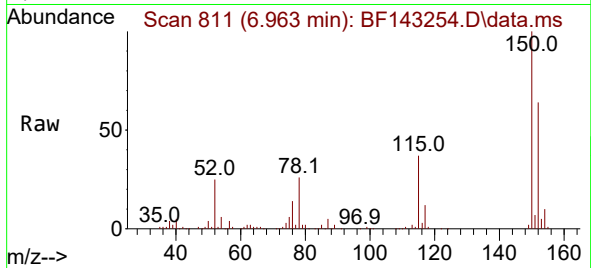




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143254.D
Acq: 25 Jul 2025 16:47

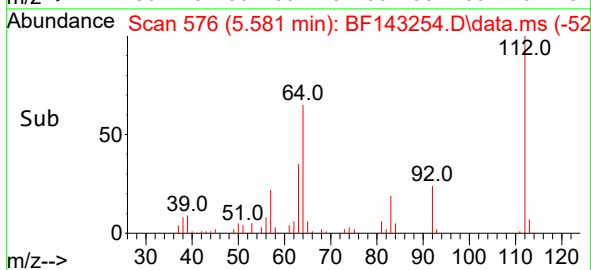
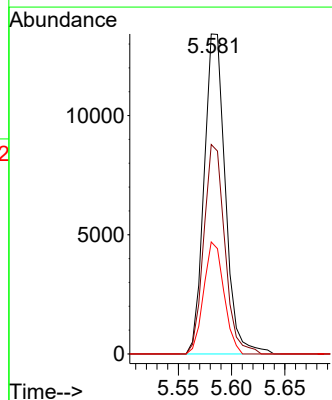
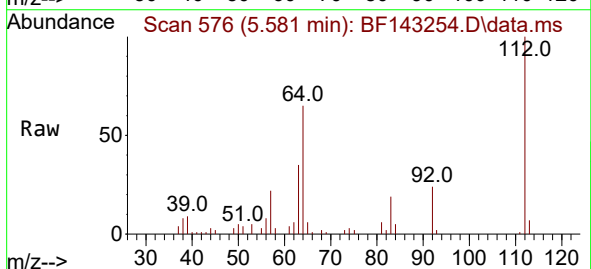
Instrument :
BNA_F
ClientSampleId :
295

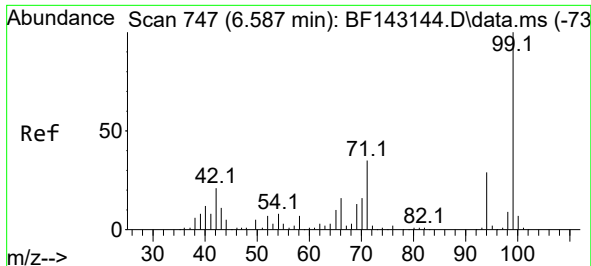
Tgt Ion:152 Resp: 77755
Ion Ratio Lower Upper
152 100
150 155.8 128.2 192.4
115 57.9 47.9 71.9



#5
2-Fluorophenol
Concen: 3.789 ng
RT: 5.581 min Scan# 576
Delta R.T. -0.006 min
Lab File: BF143254.D
Acq: 25 Jul 2025 16:47

Tgt Ion:112 Resp: 18617
Ion Ratio Lower Upper
112 100
64 65.4 53.1 79.7
63 35.0 26.6 40.0

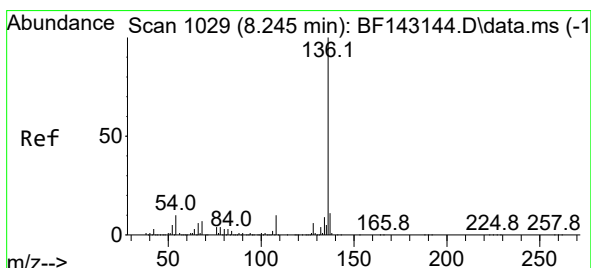
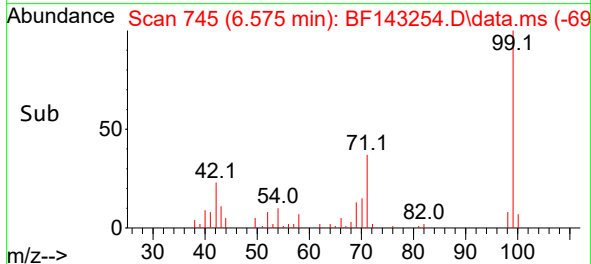
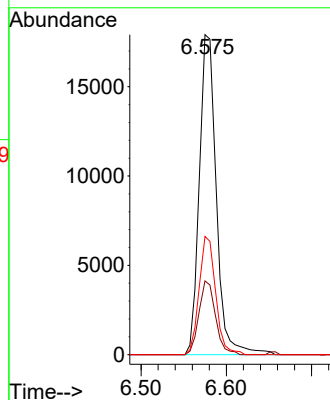
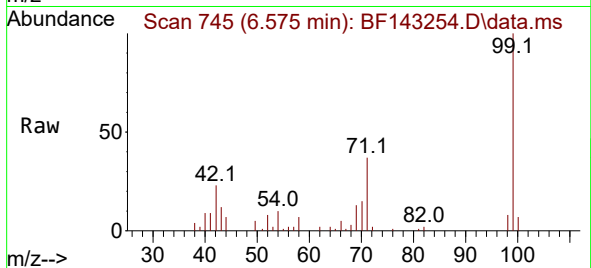




#7
Phenol-d6
Concen: 4.019 ng
RT: 6.575 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF143254.D
Acq: 25 Jul 2025 16:47

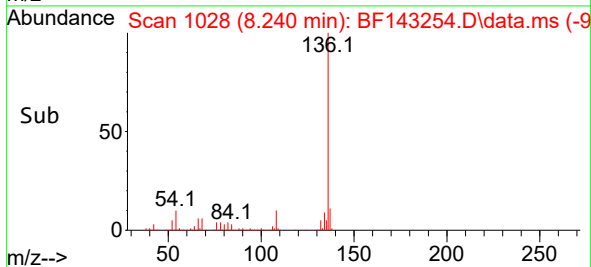
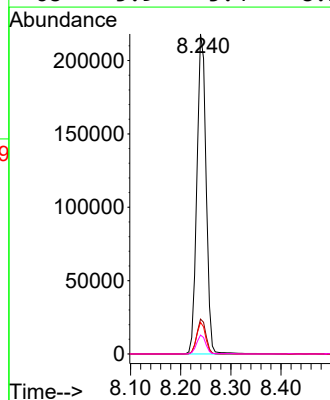
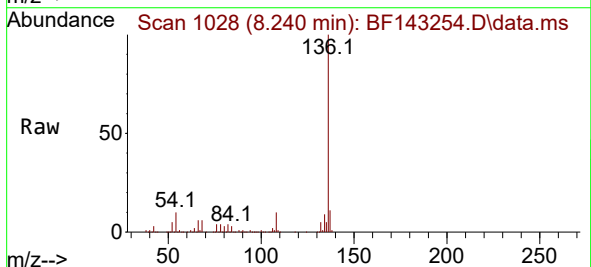
Instrument :
BNA_F
ClientSampleId :
295

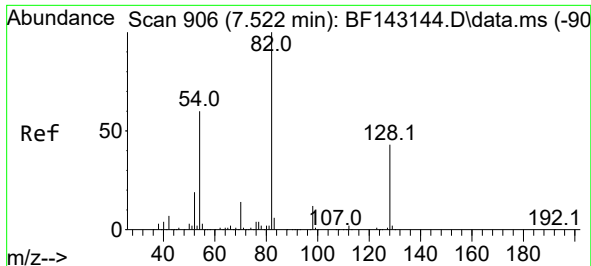
Tgt Ion: 99 Resp: 24853
Ion Ratio Lower Upper
99 100
42 23.0 17.0 25.6
71 37.0 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143254.D
Acq: 25 Jul 2025 16:47

Tgt Ion: 136 Resp: 277331
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.9 8.2 12.2
68 5.9 5.4 8.2





#23

Nitrobenzene-d5

Concen: 2.792 ng

RT: 7.510 min Scan# 906

Delta R.T. -0.012 min

Lab File: BF143254.D

Acq: 25 Jul 2025 16:47

Instrument :

BNA_F

ClientSampleId :

295

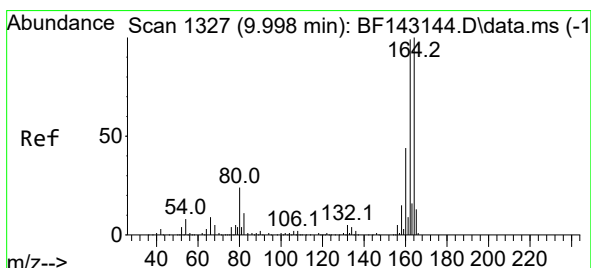
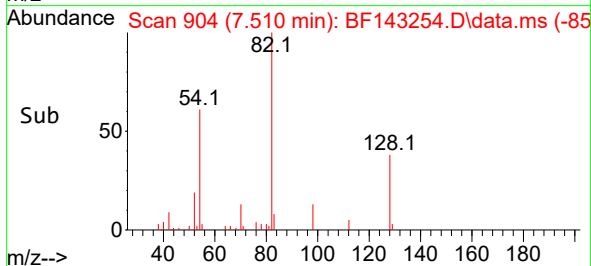
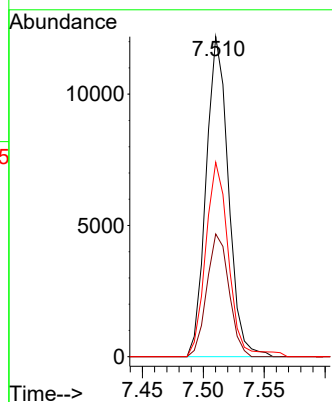
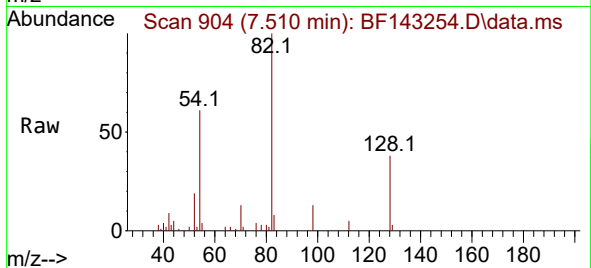
Tgt Ion: 82 Resp: 15533

Ion Ratio Lower Upper

82 100

128 38.4 33.6 50.4

54 60.8 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.004 min Scan# 1328

Delta R.T. 0.006 min

Lab File: BF143254.D

Acq: 25 Jul 2025 16:47

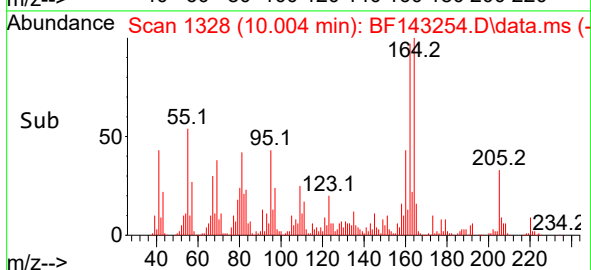
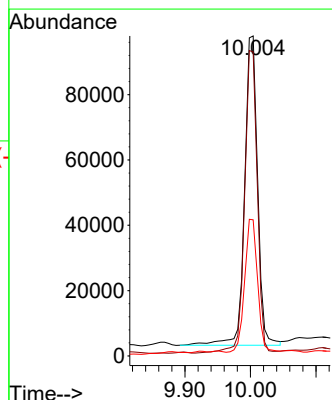
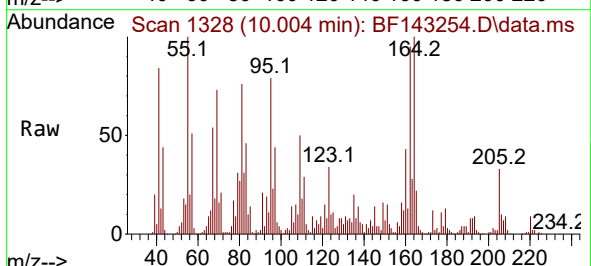
Tgt Ion: 164 Resp: 131317

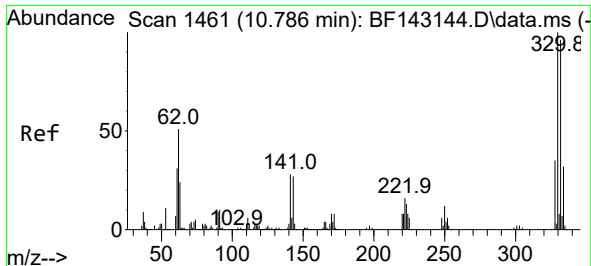
Ion Ratio Lower Upper

164 100

162 95.0 79.0 118.6

160 42.6 35.1 52.7

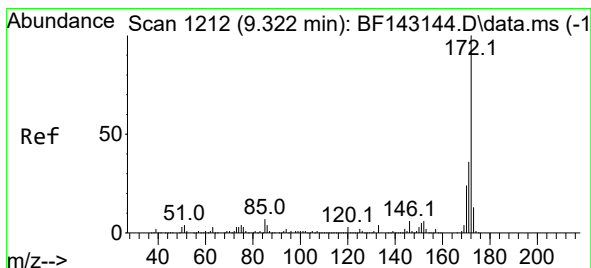
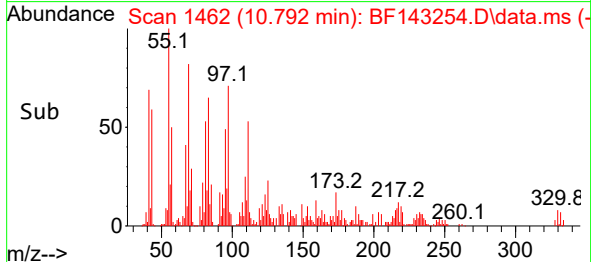
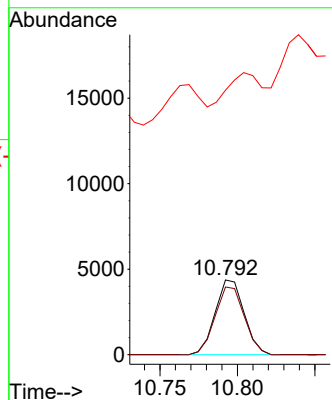
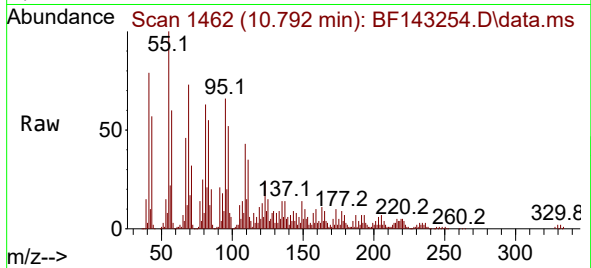




#42
2,4,6-Tribromophenol
Concen: 4.183 ng
RT: 10.792 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF143254.D
Acq: 25 Jul 2025 16:47

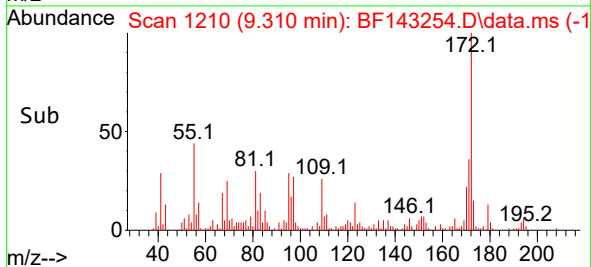
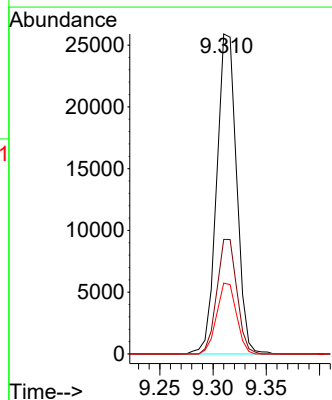
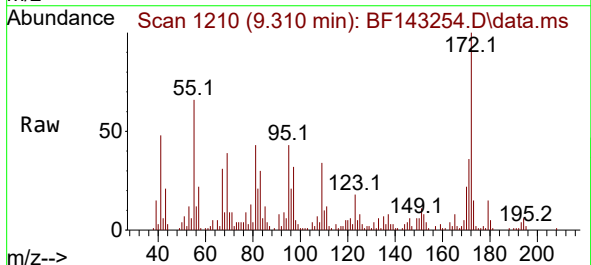
Instrument :
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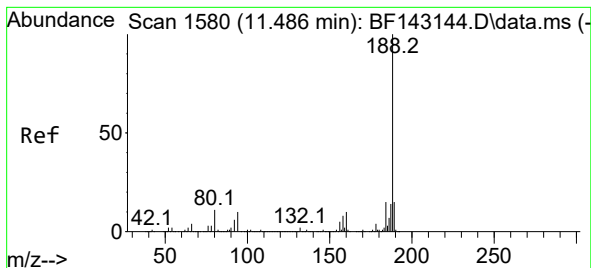
Tgt Ion: 330 Resp: 5675
Ion Ratio Lower Upper
330 100
332 92.1 76.7 115.1
141 43.3 23.3 34.9#



#45
2-Fluorobiphenyl
Concen: 3.494 ng
RT: 9.310 min Scan# 1210
Delta R.T. -0.012 min
Lab File: BF143254.D
Acq: 25 Jul 2025 16:47

Tgt Ion: 172 Resp: 33546
Ion Ratio Lower Upper
172 100
171 35.8 28.6 42.8
170 22.1 18.8 28.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.510 min Scan# 11

Delta R.T. 0.024 min

Lab File: BF143254.D

Acq: 25 Jul 2025 16:47

Instrument :

BNA_F

ClientSampleId :

295

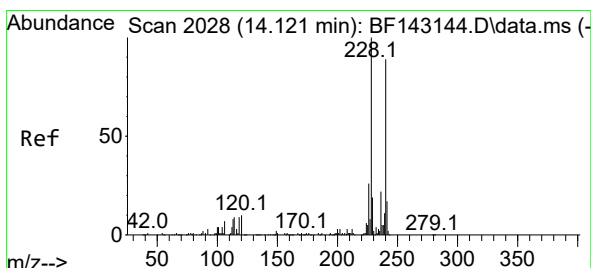
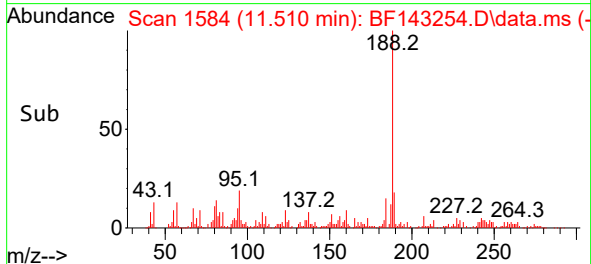
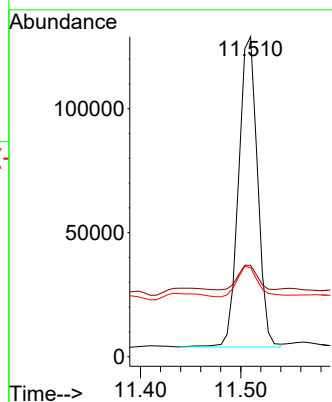
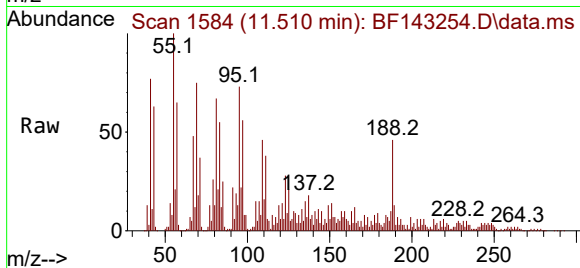
Tgt Ion:188 Resp: 164560

Ion Ratio Lower Upper

188 100

94 28.5 8.3 12.5#

80 27.8 9.0 13.6#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 2032

Delta R.T. 0.024 min

Lab File: BF143254.D

Acq: 25 Jul 2025 16:47

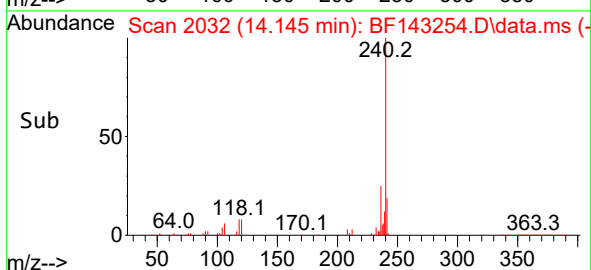
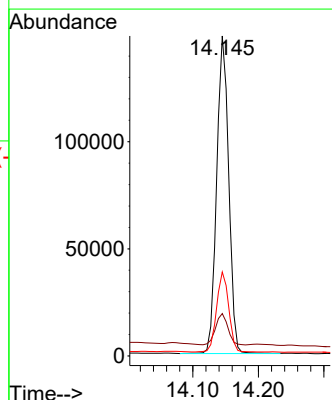
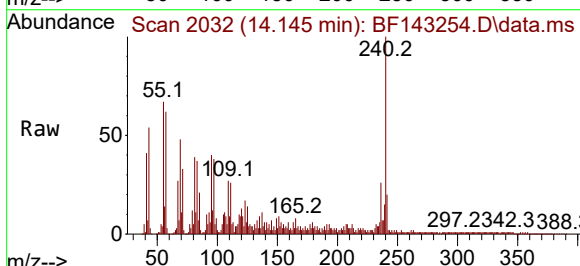
Tgt Ion:240 Resp: 188118

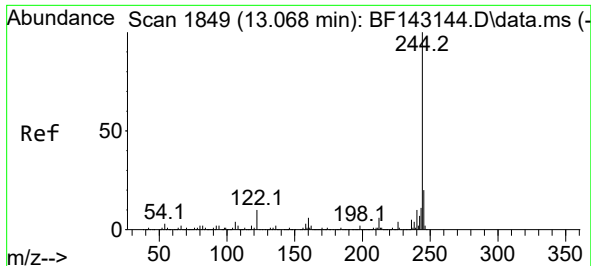
Ion Ratio Lower Upper

240 100

120 13.3 9.4 14.2

236 26.2 20.2 30.4

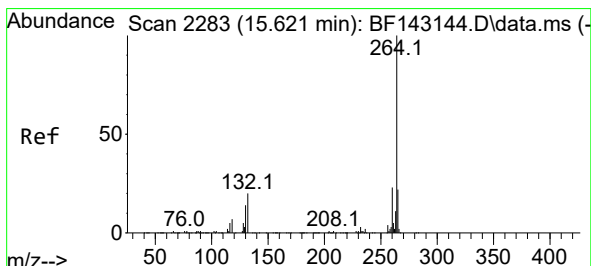
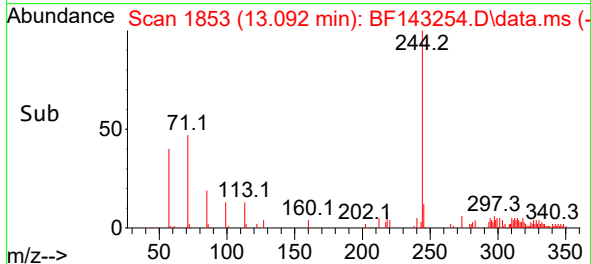
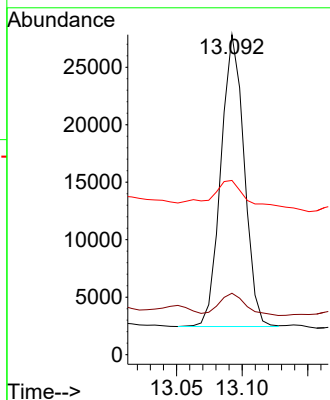
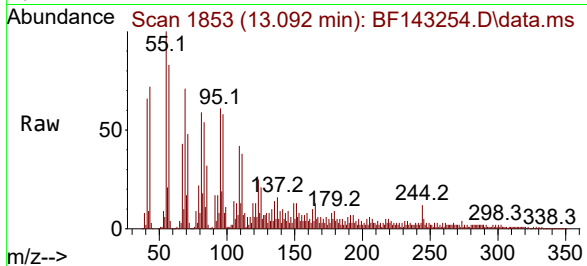




#79
 Terphenyl-d14
 Concen: 2.472 ng
 RT: 13.092 min Scan# 1849
 Delta R.T. 0.024 min
 Lab File: BF143254.D
 Acq: 25 Jul 2025 16:47

Instrument :
 BNA_F
 ClientSampleId :
 295

Tgt Ion:244 Resp: 31246
 Ion Ratio Lower Upper
 244 100
 212 19.2 5.2 7.8#
 122 54.4 8.2 12.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.651 min Scan# 2288
 Delta R.T. 0.030 min
 Lab File: BF143254.D
 Acq: 25 Jul 2025 16:47

Tgt Ion:264 Resp: 159915
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.5 27.7
 265 21.6 17.4 26.2

