

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
 Data File : BF143475.D
 Acq On : 20 Aug 2025 01:14
 Operator : RC/JU
 Sample : Q2884-04 20X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 302

Quant Time: Aug 20 02:13:04 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 18 04:40:19 2025
 Response via : Initial Calibration

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

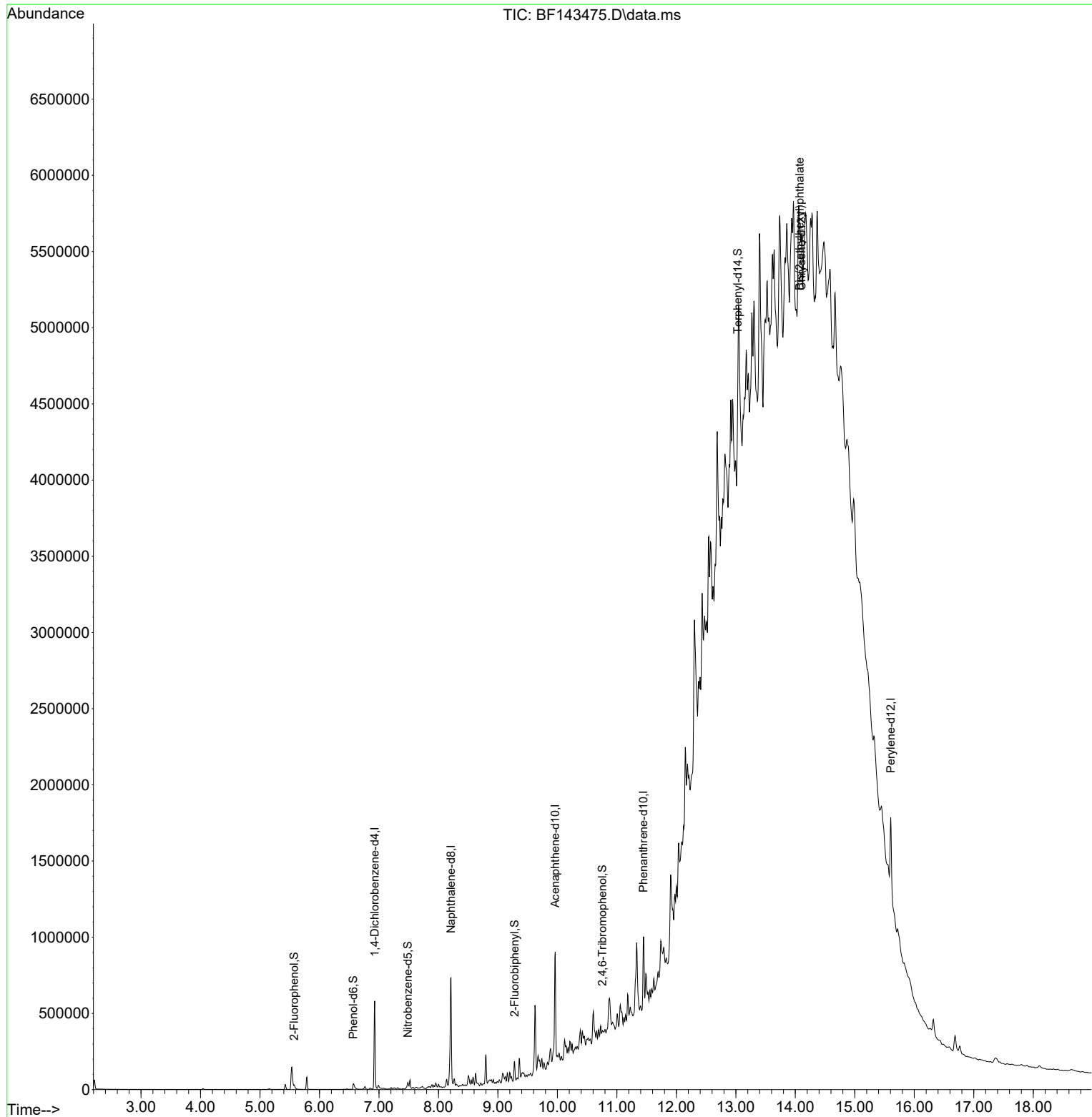
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	124323	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	461956	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	206361	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	268953	20.000	ng	0.00
76) Chrysene-d12	14.104	240	206505	20.000	ng	0.02
86) Perylene-d12	15.603	264	294619	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	17196	2.404	ng	0.02
7) Phenol-d6	6.569	99	26517	2.942	ng	0.01
23) Nitrobenzene-d5	7.486	82	26063	3.348	ng	0.00
42) 2,4,6-Tribromophenol	10.757	330	7467	4.065	ng	0.00
45) 2-Fluorobiphenyl	9.280	172	64246	5.237	ng	0.00
79) Terphenyl-d14	13.033	244	41654	3.388	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.074	149	45044	7.134	ng	Qvalue # 69

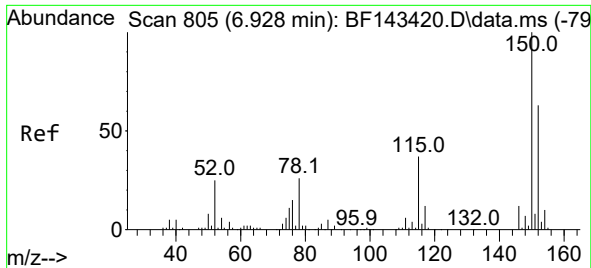
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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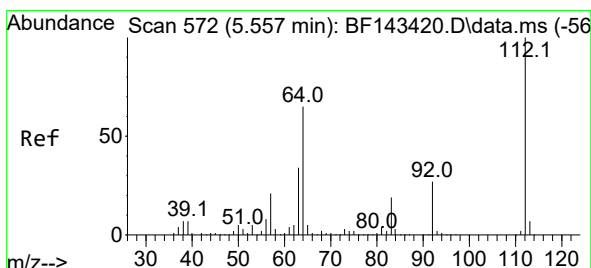
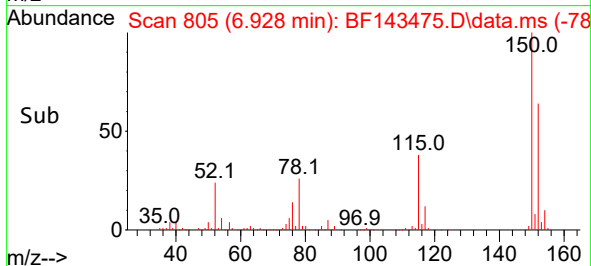
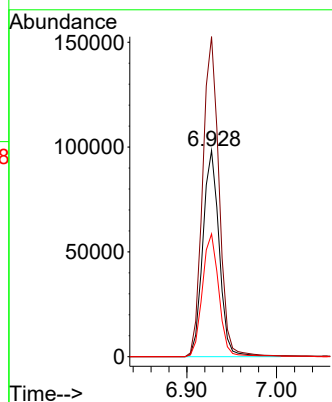
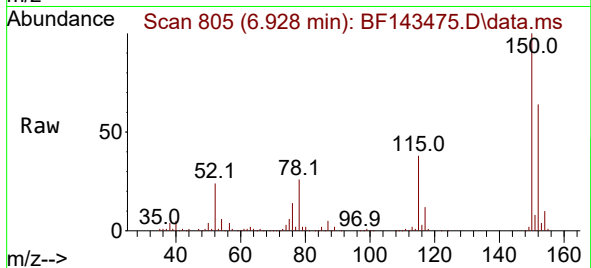




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 805
 Delta R.T. -0.000 min
 Lab File: BF143475.D
 Acq: 20 Aug 2025 01:14

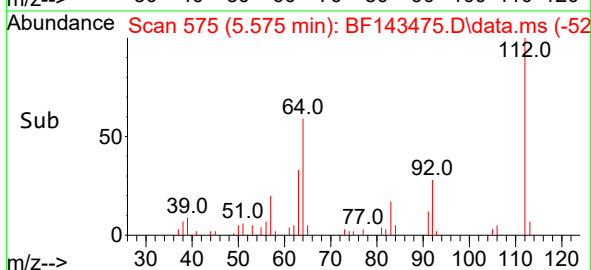
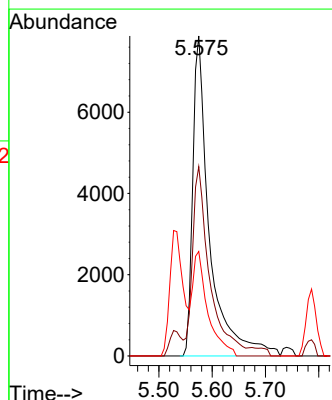
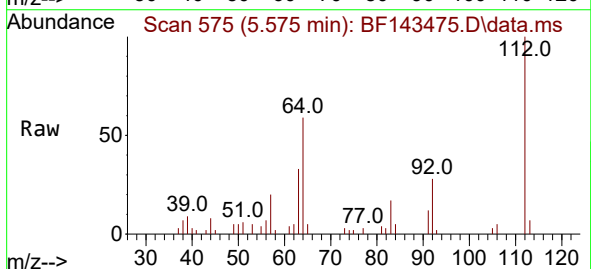
Instrument :
 BNA_F
 ClientSampleId :
 302

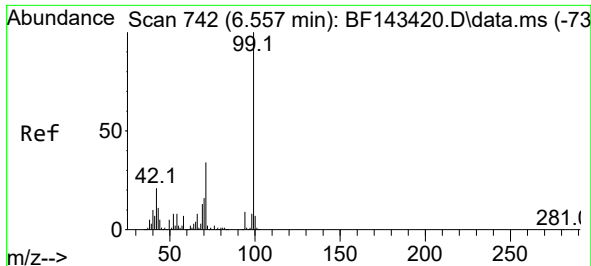
Tgt Ion:152 Resp: 124323
 Ion Ratio Lower Upper
 152 100
 150 155.3 127.4 191.2
 115 59.6 47.5 71.3



#5
 2-Fluorophenol
 Concen: 2.404 ng
 RT: 5.575 min Scan# 575
 Delta R.T. 0.017 min
 Lab File: BF143475.D
 Acq: 20 Aug 2025 01:14

Tgt Ion:112 Resp: 17196
 Ion Ratio Lower Upper
 112 100
 64 59.1 52.2 78.2
 63 32.7 27.0 40.6

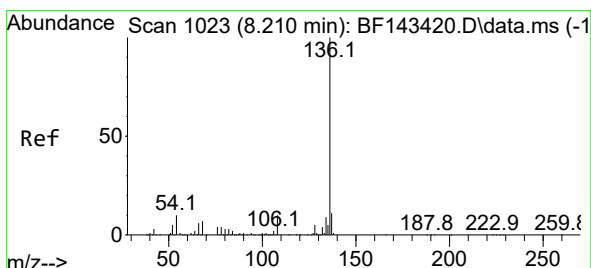
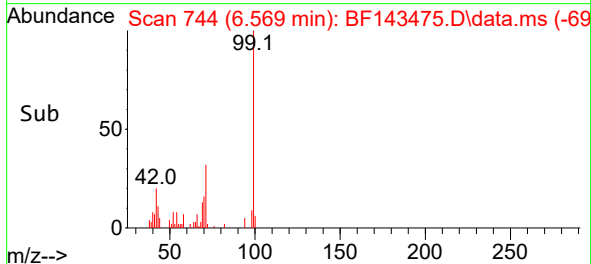
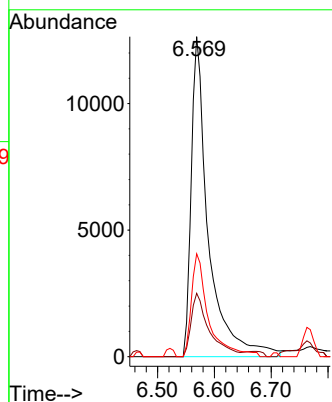
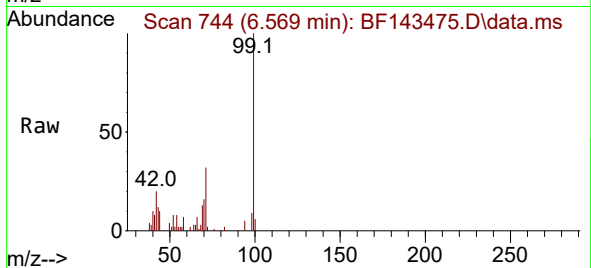




#7
Phenol-d6
Concen: 2.942 ng
RT: 6.569 min Scan# 744
Delta R.T. 0.011 min
Lab File: BF143475.D
Acq: 20 Aug 2025 01:14

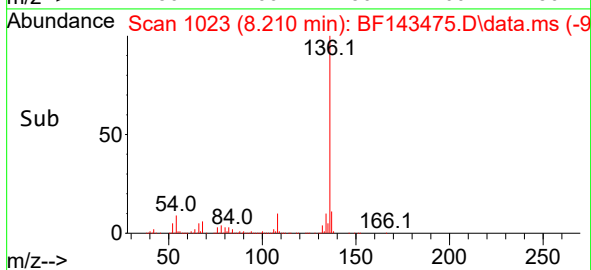
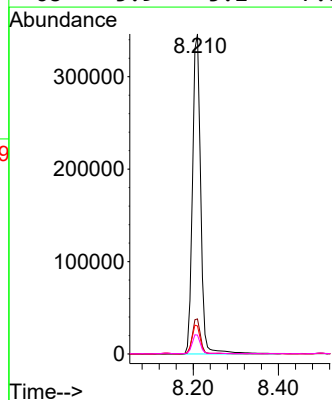
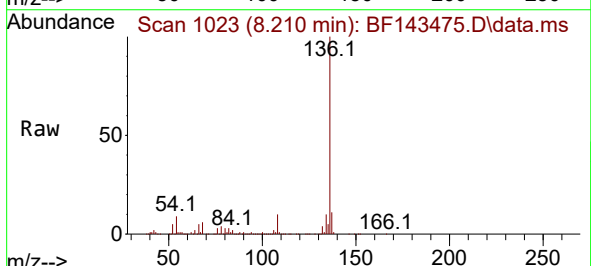
Instrument :
BNA_F
ClientSampleId :
302

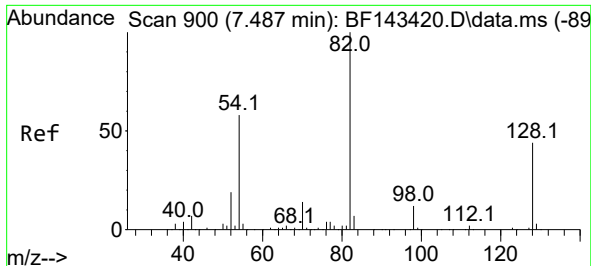
Tgt Ion: 99	Resp: 26517
Ion Ratio	Lower Upper
99	100
42	19.8 17.0 25.6
71	32.2 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF143475.D
Acq: 20 Aug 2025 01:14

Tgt Ion: 136	Resp: 461956
Ion Ratio	Lower Upper
136	100
137	11.0 8.8 13.2
54	8.7 7.8 11.8
68	5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 3.348 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF143475.D

Acq: 20 Aug 2025 01:14

Instrument :

BNA_F

ClientSampleId :

302

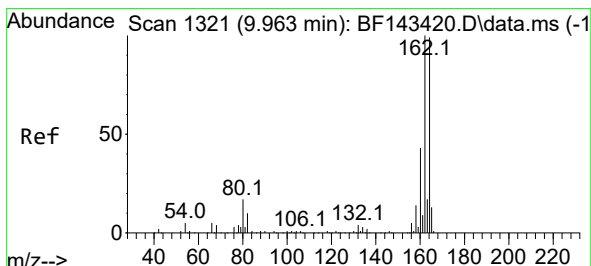
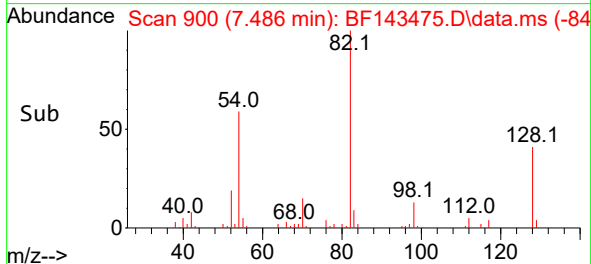
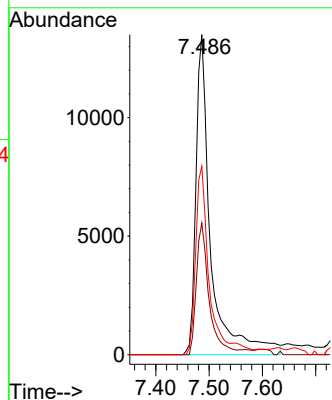
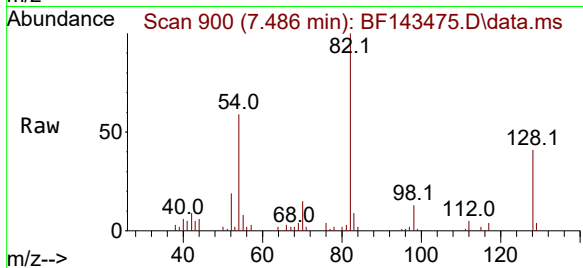
Tgt Ion: 82 Resp: 26063

Ion Ratio Lower Upper

82 100

128 41.2 34.6 52.0

54 58.9 46.0 69.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.963 min Scan# 1321

Delta R.T. -0.000 min

Lab File: BF143475.D

Acq: 20 Aug 2025 01:14

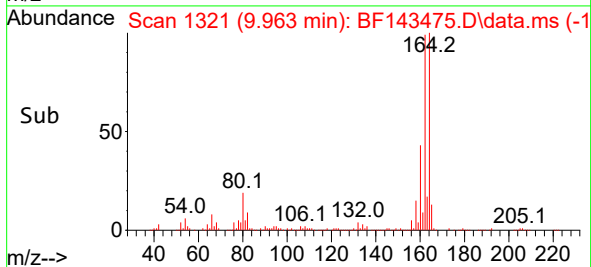
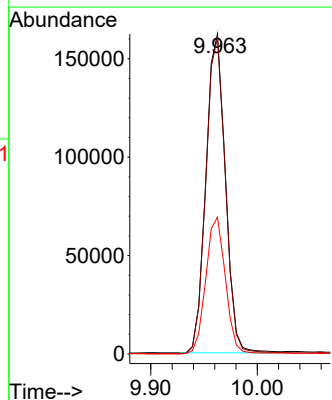
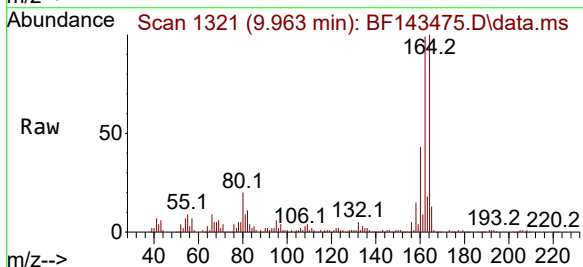
Tgt Ion:164 Resp: 206361

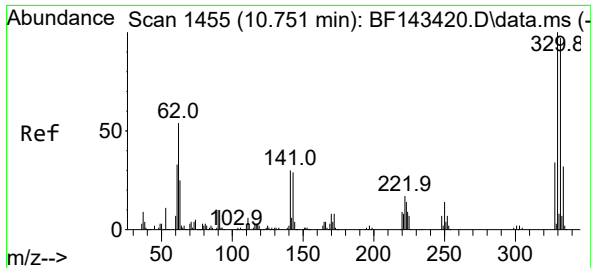
Ion Ratio Lower Upper

164 100

162 98.9 80.6 121.0

160 42.8 34.6 51.8

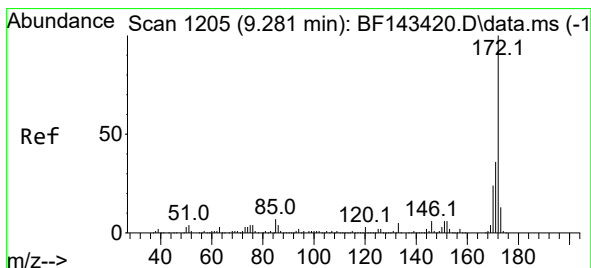
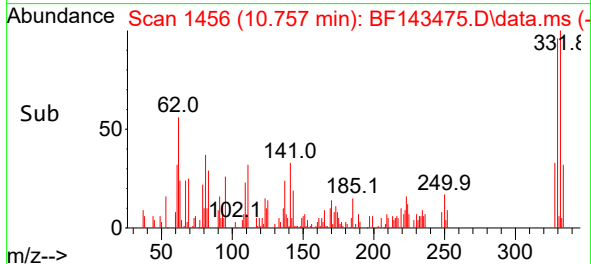
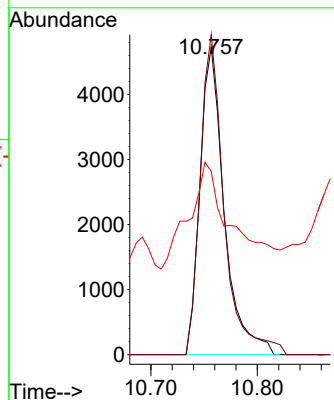
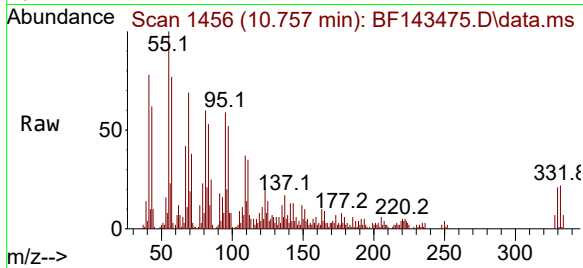




#42
2,4,6-Tribromophenol
Concen: 4.065 ng
RT: 10.757 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF143475.D
Acq: 20 Aug 2025 01:14

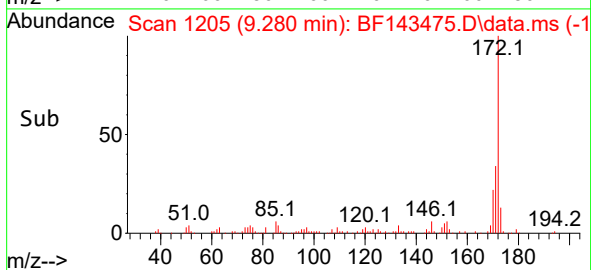
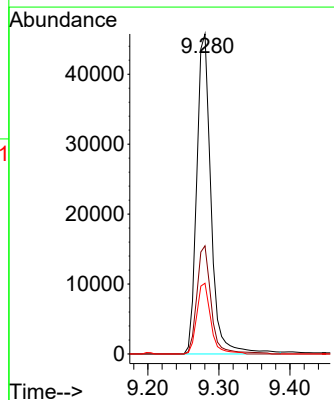
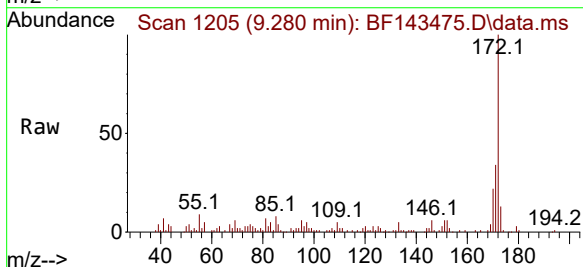
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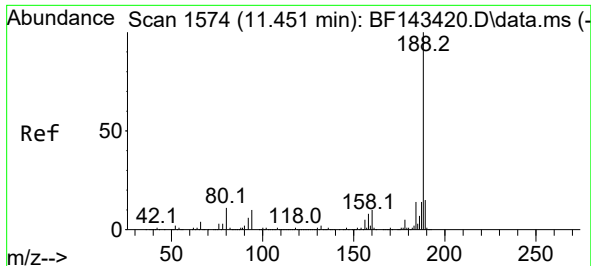
Tgt Ion: 330 Resp: 7467
Ion Ratio Lower Upper
330 100
332 102.7 77.4 116.2
141 61.5 24.1 36.1#



#45
2-Fluorobiphenyl
Concen: 5.237 ng
RT: 9.280 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF143475.D
Acq: 20 Aug 2025 01:14

Tgt Ion: 172 Resp: 64246
Ion Ratio Lower Upper
172 100
171 33.8 28.7 43.1
170 22.1 19.0 28.6

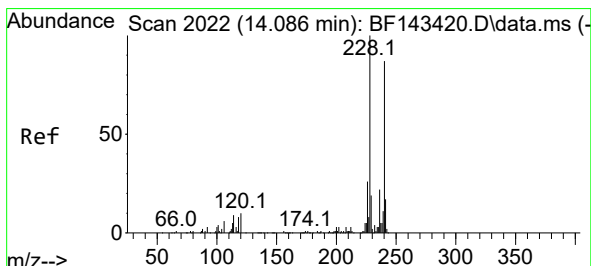
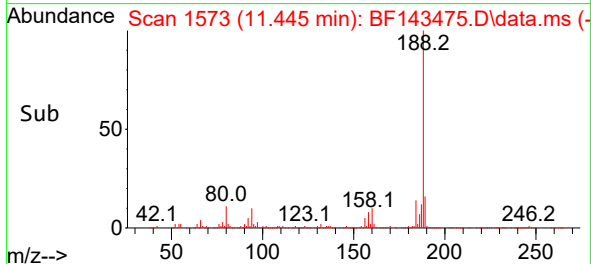
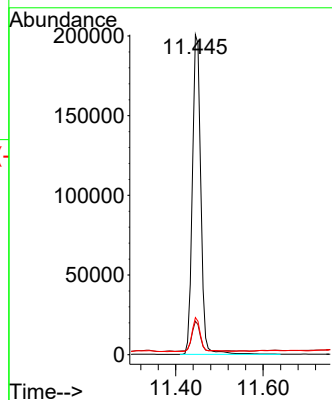
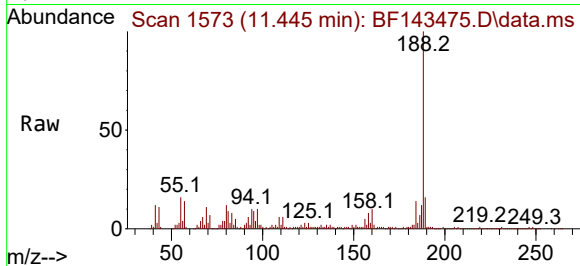




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143475.D
Acq: 20 Aug 2025 01:14

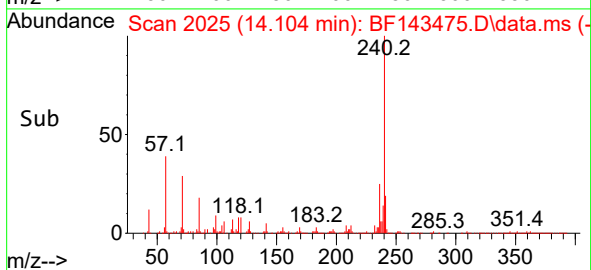
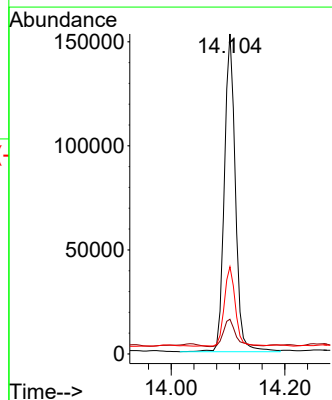
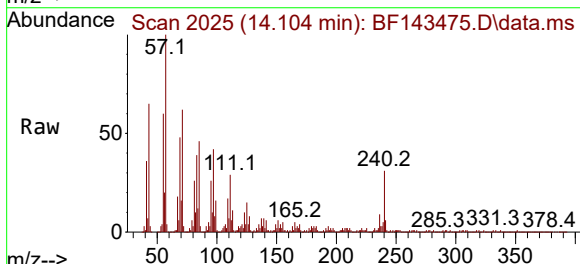
Instrument :
BNA_F
ClientSampleId :
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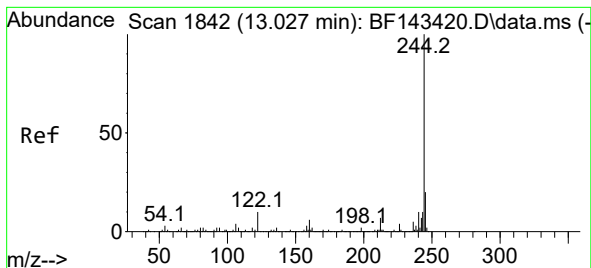
Tgt Ion:188 Resp: 268953
Ion Ratio Lower Upper
188 100
94 10.5 8.0 12.0
80 11.6 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2025
Delta R.T. 0.017 min
Lab File: BF143475.D
Acq: 20 Aug 2025 01:14

Tgt Ion:240 Resp: 206505
Ion Ratio Lower Upper
240 100
120 10.9 9.0 13.4
236 27.3 20.2 30.2





#79

Terphenyl-d14

Concen: 3.388 ng

RT: 13.033 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF143475.D

Acq: 20 Aug 2025 01:14

Instrument :

BNA_F

ClientSampleId :

302

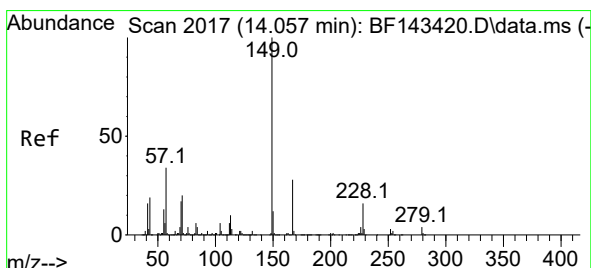
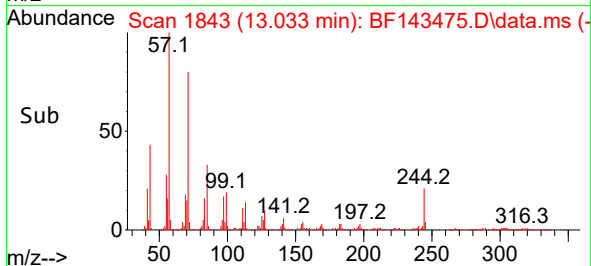
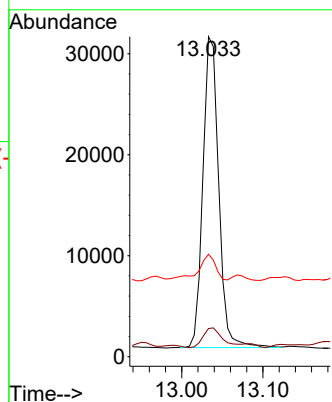
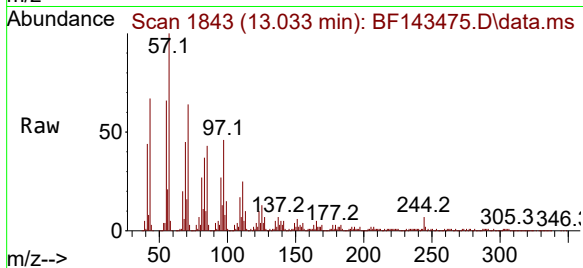
Tgt Ion:244 Resp: 41654

Ion Ratio Lower Upper

244 100

212 8.8 5.2 7.8#

122 32.0 8.3 12.5#



#84

Bis(2-ethylhexyl)phthalate

Concen: 7.134 ng

RT: 14.074 min Scan# 2020

Delta R.T. 0.017 min

Lab File: BF143475.D

Acq: 20 Aug 2025 01:14

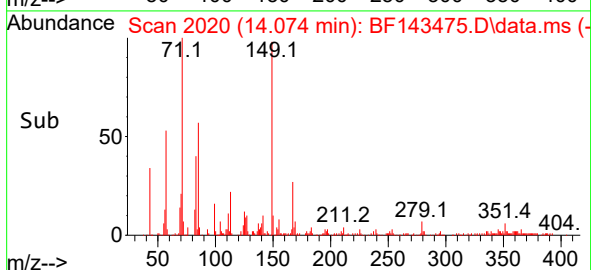
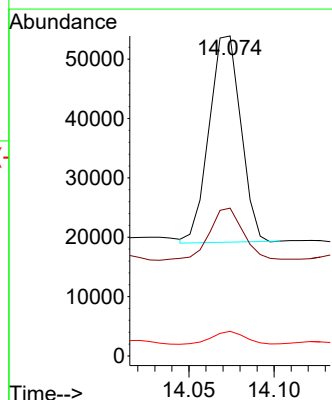
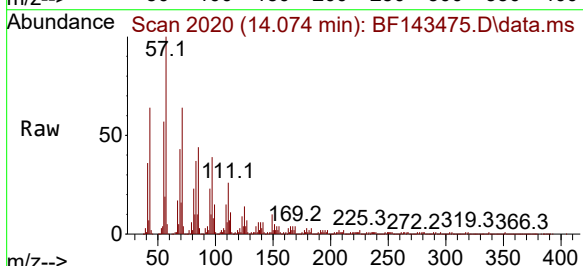
Tgt Ion:149 Resp: 45044

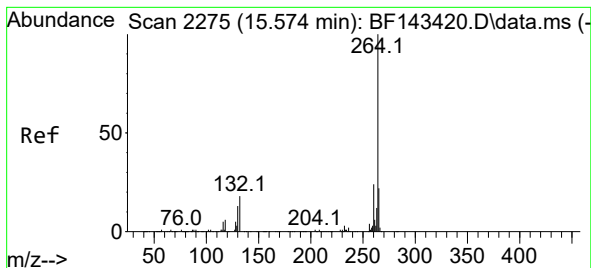
Ion Ratio Lower Upper

149 100

167 46.2 22.6 33.8#

279 7.7 3.5 5.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.603 min Scan# 21

Delta R.T. 0.029 min

Lab File: BF143475.D

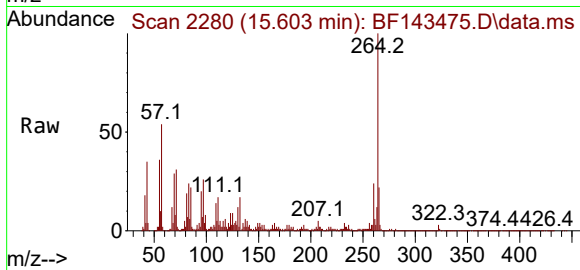
Acq: 20 Aug 2025 01:14

Instrument :

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Tgt Ion:264 Resp: 294619

Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

265 22.0 17.4 26.0

