

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143129.D
 Acq On : 17 Jul 2025 01:35
 Operator : RC/JU
 Sample : Q2605-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 V897

Quant Time: Jul 17 03:48:28 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 15 17:53:25 2025
 Response via : Initial Calibration

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

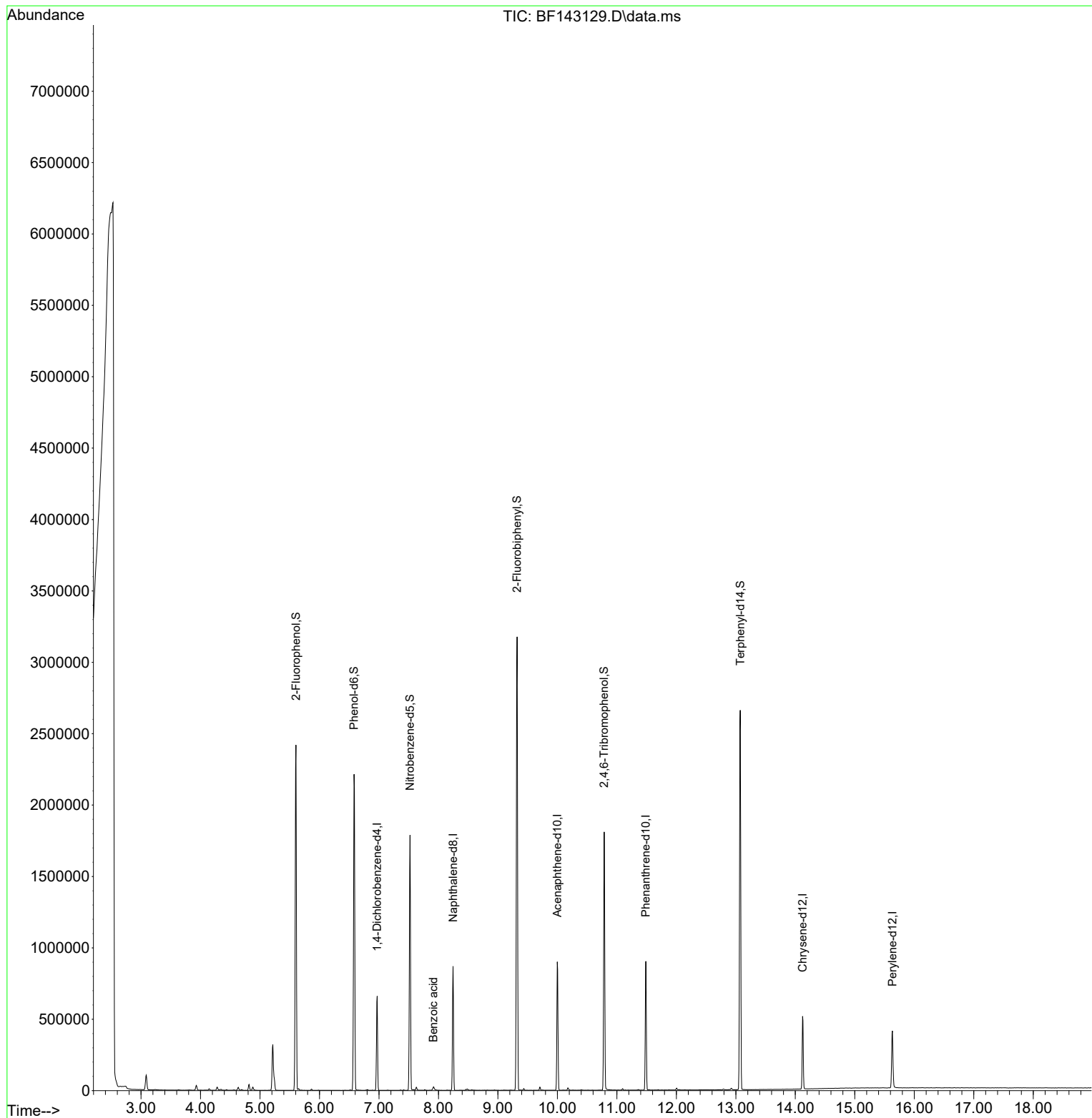
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	135648	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	514412	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	261609	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	440067	20.000	ng	0.00
76) Chrysene-d12	14.122	240	243115	20.000	ng	0.00
86) Perylene-d12	15.633	264	236345	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	913259	106.370	ng	0.02
7) Phenol-d6	6.581	99	1076388	99.738	ng	0.00
23) Nitrobenzene-d5	7.522	82	769441	83.910	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	303435	130.082	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1424078	72.360	ng	0.00
79) Terphenyl-d14	13.075	244	1321267	79.446	ng	0.00
Target Compounds						
32) Benzoic acid	7.916	122	7560	8.115	ng	Qvalue 97

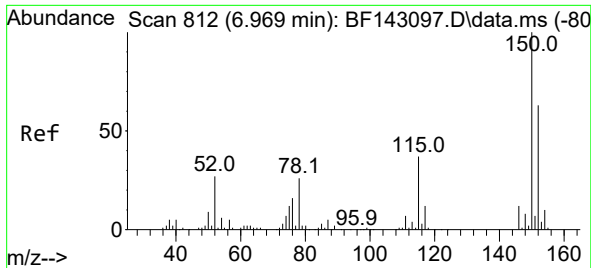
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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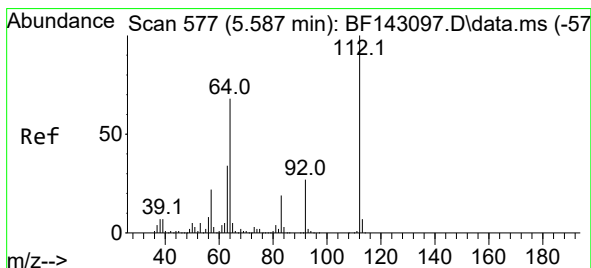
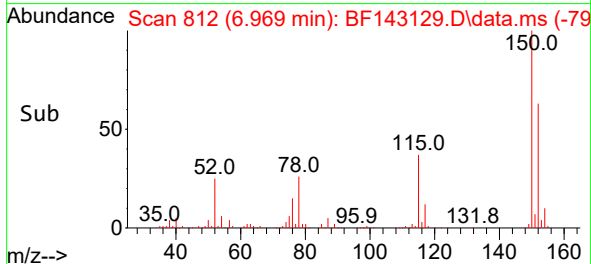
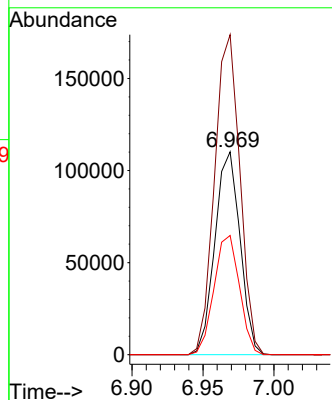
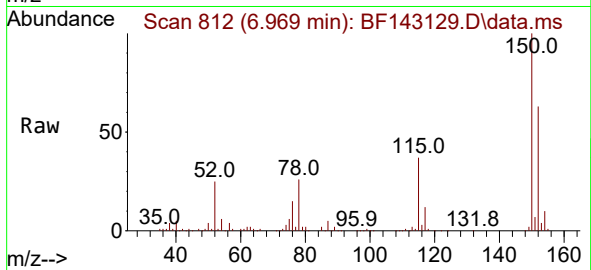




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF143129.D
Acq: 17 Jul 2025 01:35

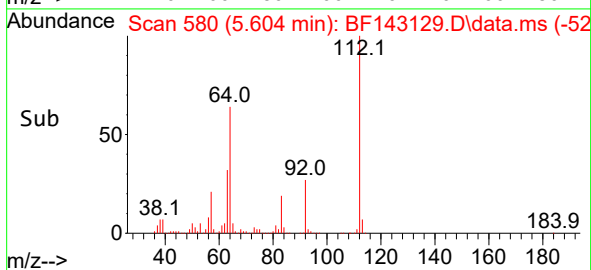
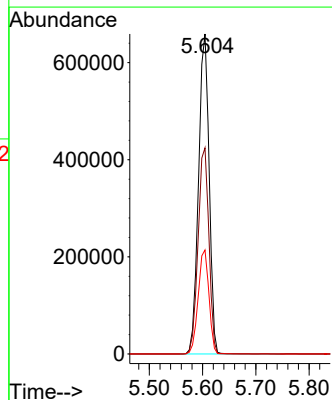
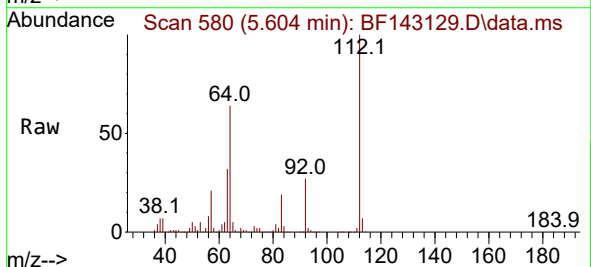
Instrument :
BNA_F
ClientSampleId :
V897

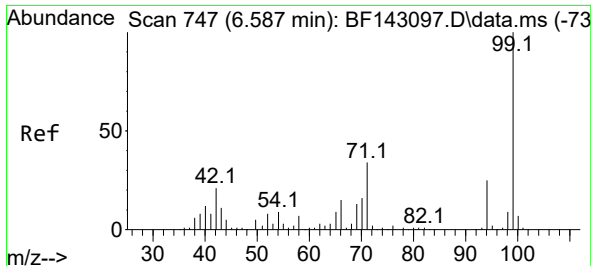
Tgt Ion:152 Resp: 135648
Ion Ratio Lower Upper
152 100
150 157.7 126.5 189.7
115 58.7 47.0 70.6



#5
2-Fluorophenol
Concen: 106.370 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143129.D
Acq: 17 Jul 2025 01:35

Tgt Ion:112 Resp: 913259
Ion Ratio Lower Upper
112 100
64 64.4 54.6 82.0
63 32.5 27.3 40.9

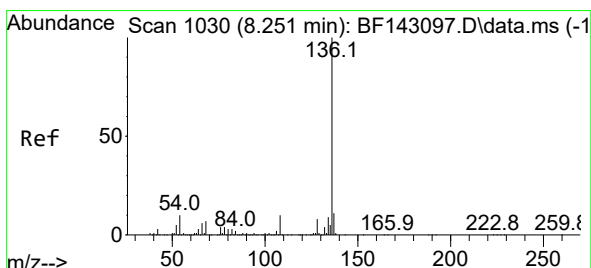
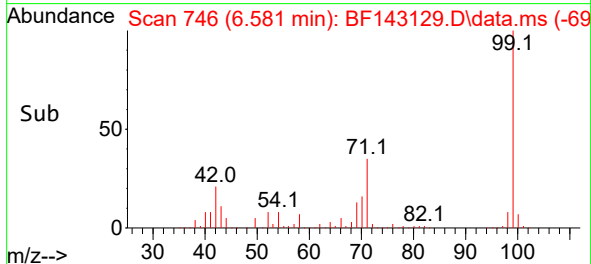
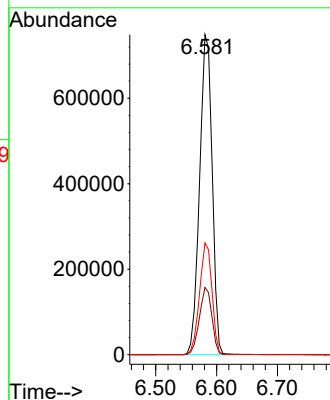
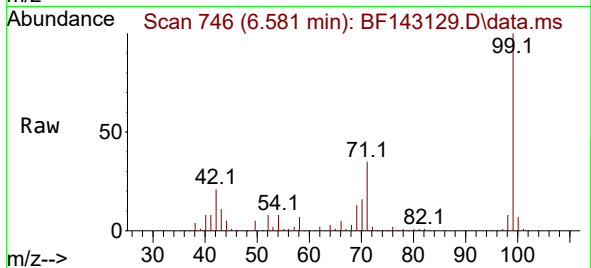




#7
Phenol-d6
Concen: 99.738 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143129.D
Acq: 17 Jul 2025 01:35

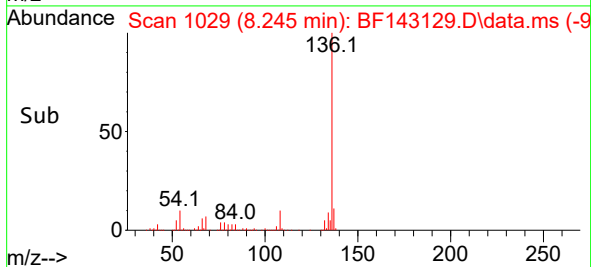
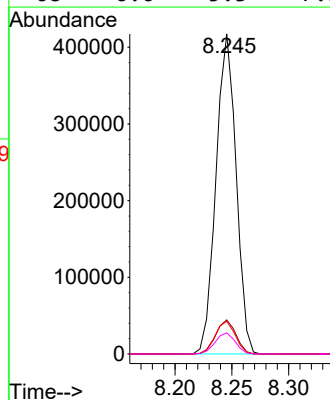
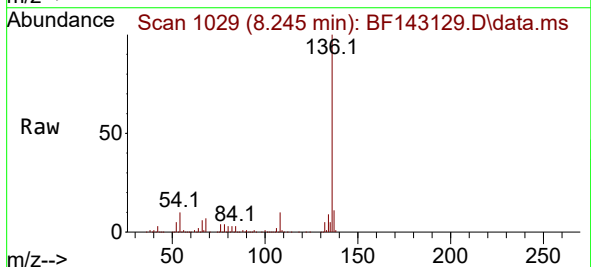
Instrument :
BNA_F
ClientSampleId :
V897

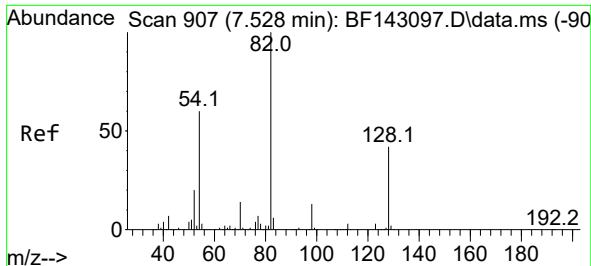
Tgt Ion: 99 Resp: 1076388
Ion Ratio Lower Upper
99 100
42 21.0 17.2 25.8
71 34.9 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143129.D
Acq: 17 Jul 2025 01:35

Tgt Ion: 136 Resp: 514412
Ion Ratio Lower Upper
136 100
137 10.7 8.9 13.3
54 10.2 8.3 12.5
68 6.6 5.3 7.9





#23

Nitrobenzene-d5

Concen: 83.910 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143129.D

Acq: 17 Jul 2025 01:35

Instrument :

BNA_F

ClientSampleId :

V897

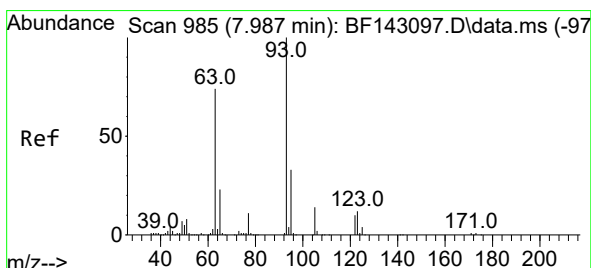
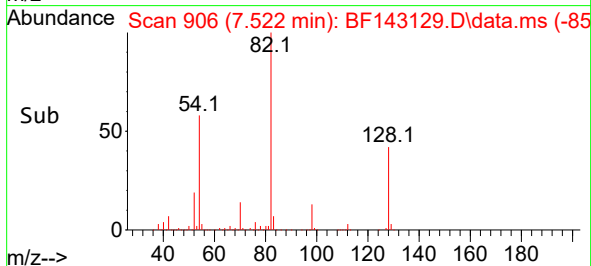
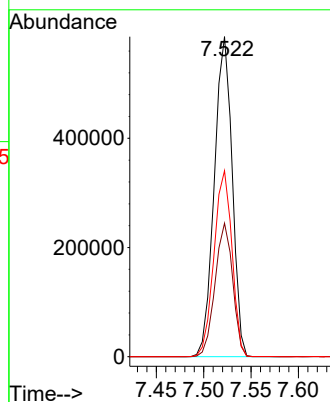
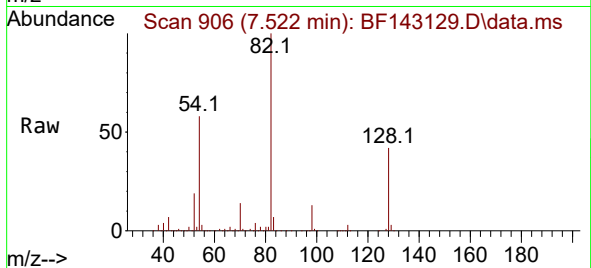
Tgt Ion: 82 Resp: 769441

Ion Ratio Lower Upper

82 100

128 41.7 33.3 49.9

54 58.1 47.4 71.2



#32

Benzoic acid

Concen: 8.115 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.071 min

Lab File: BF143129.D

Acq: 17 Jul 2025 01:35

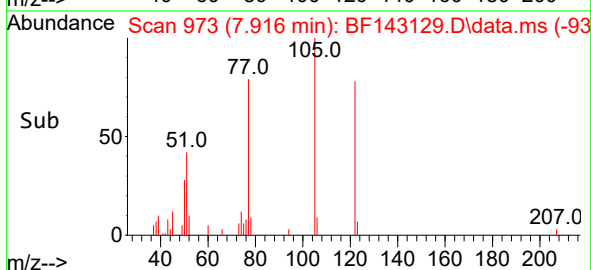
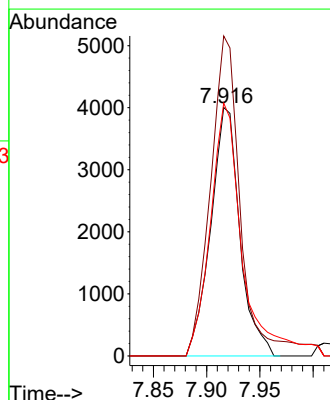
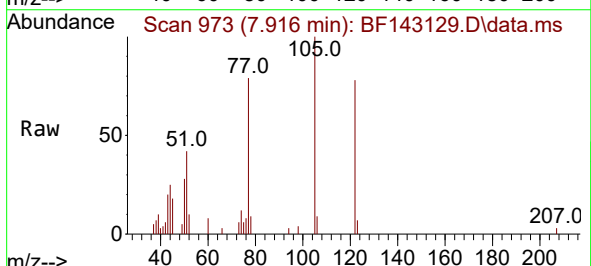
Tgt Ion: 122 Resp: 7560

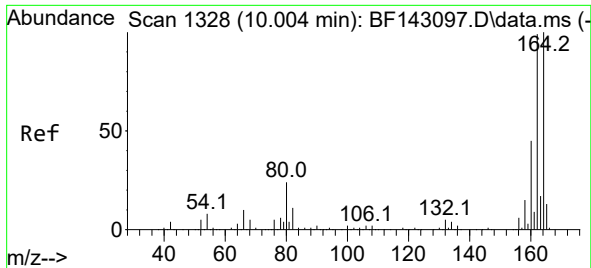
Ion Ratio Lower Upper

122 100

105 128.8 105.4 145.4

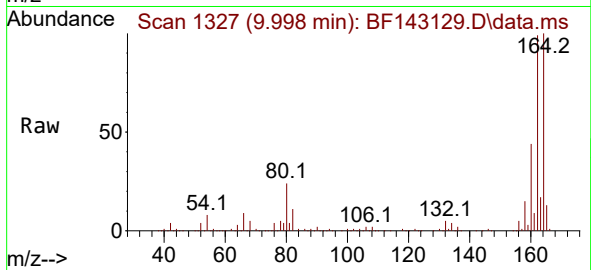
77 101.7 78.6 118.6



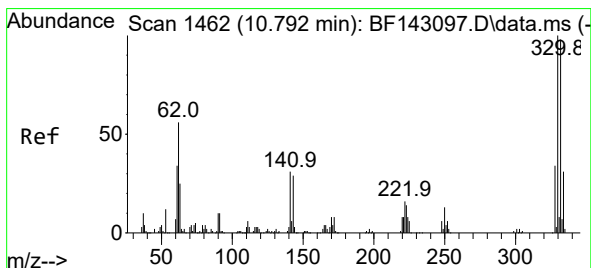
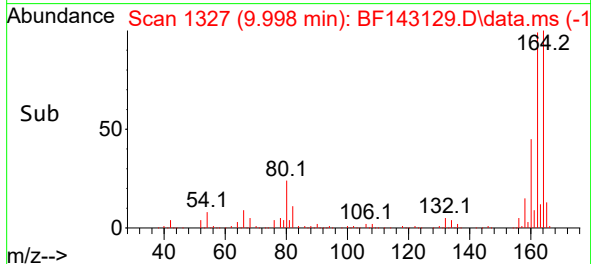
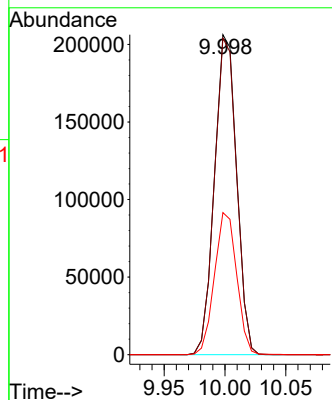


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143129.D
Acq: 17 Jul 2025 01:35

Instrument :
BNA_F
ClientSampleId :
V897

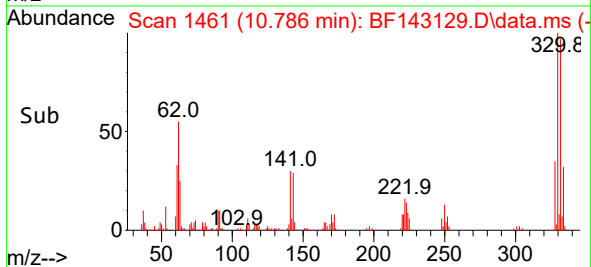
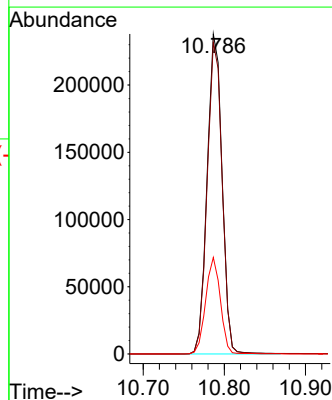
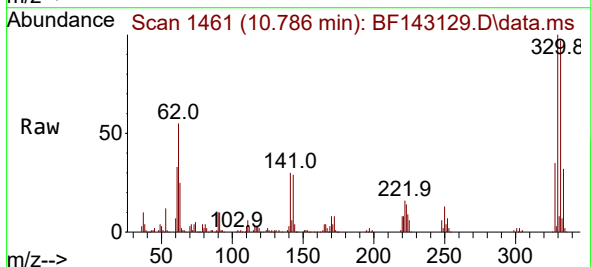


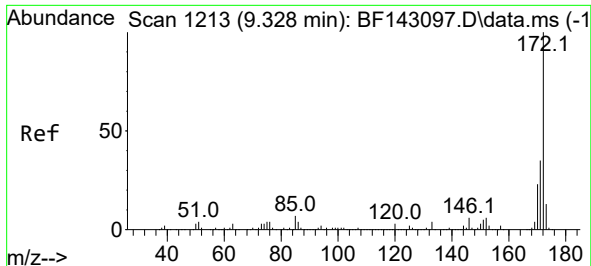
Tgt Ion:164 Resp: 261609
Ion Ratio Lower Upper
164 100
162 98.9 79.0 118.6
160 44.4 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 130.082 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143129.D
Acq: 17 Jul 2025 01:35

Tgt Ion:330 Resp: 303435
Ion Ratio Lower Upper
330 100
332 97.5 77.9 116.9
141 29.8 25.9 38.9





#45

2-Fluorobiphenyl

Concen: 72.360 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143129.D

Acq: 17 Jul 2025 01:35

Instrument :

BNA_F

ClientSampleId :

V897

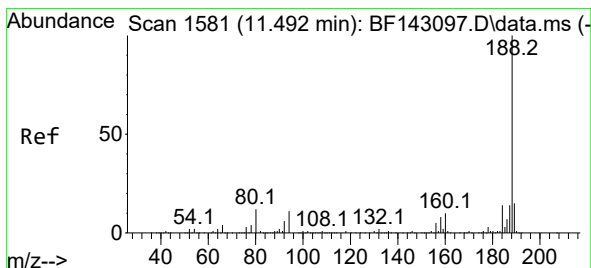
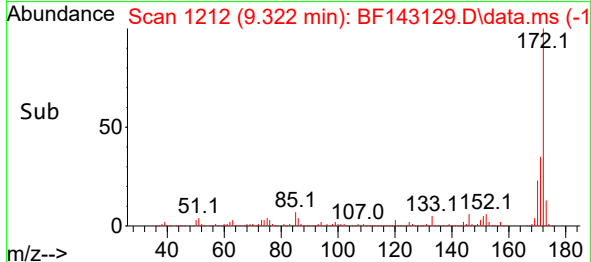
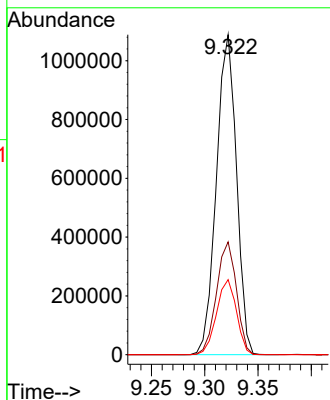
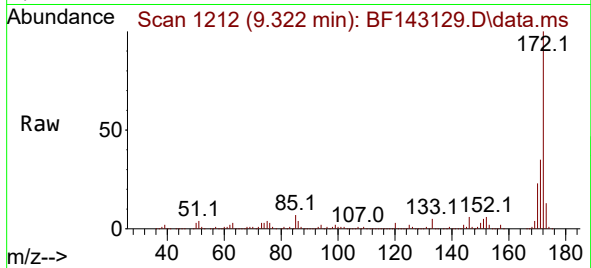
Tgt Ion:172 Resp: 1424078

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

170 23.4 18.6 28.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.006 min

Lab File: BF143129.D

Acq: 17 Jul 2025 01:35

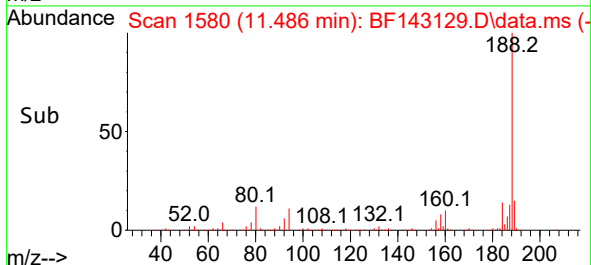
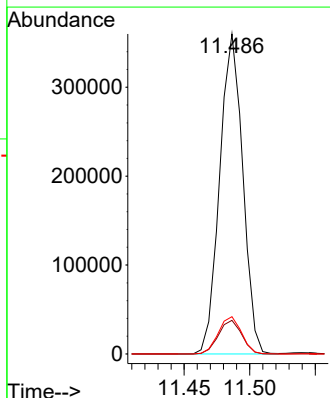
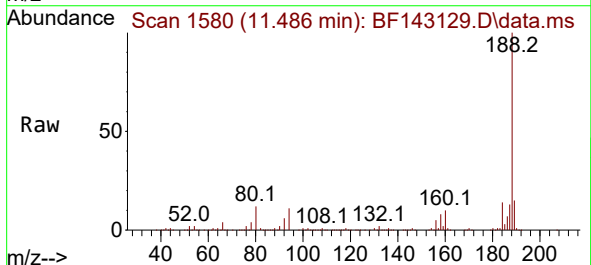
Tgt Ion:188 Resp: 440067

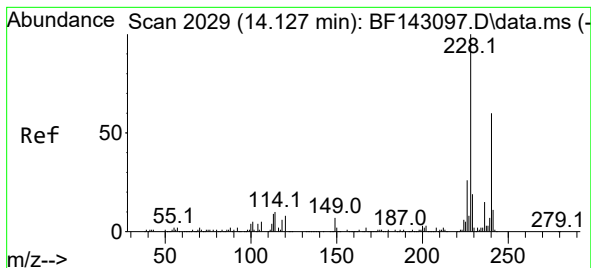
Ion Ratio Lower Upper

188 100

94 10.5 8.6 13.0

80 11.7 9.3 13.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.122 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF143129.D

Acq: 17 Jul 2025 01:35

Instrument :

BNA_F

ClientSampleId :

V897

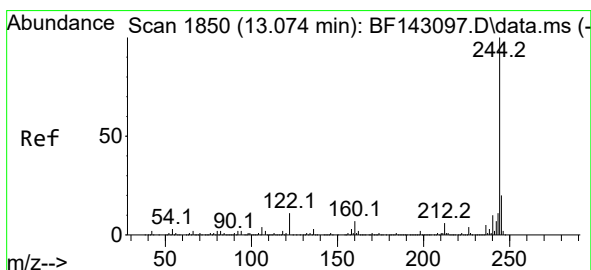
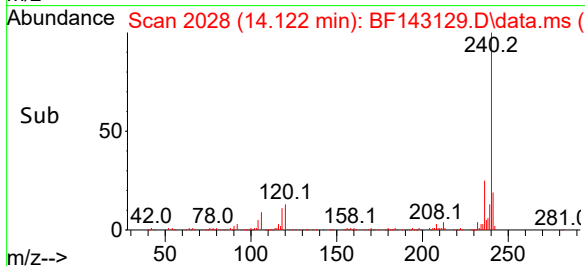
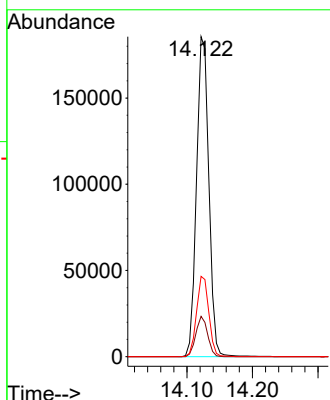
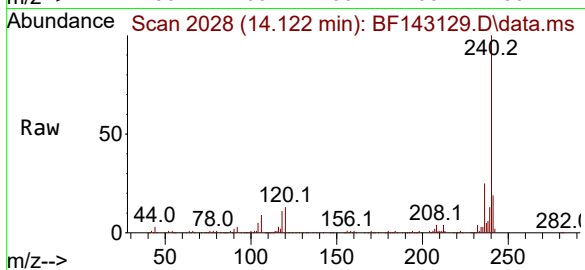
Tgt Ion:240 Resp: 243115

Ion Ratio Lower Upper

240 100

120 12.6 10.0 15.0

236 25.1 20.0 30.0



#79

Terphenyl-d14

Concen: 79.446 ng

RT: 13.075 min Scan# 1850

Delta R.T. 0.000 min

Lab File: BF143129.D

Acq: 17 Jul 2025 01:35

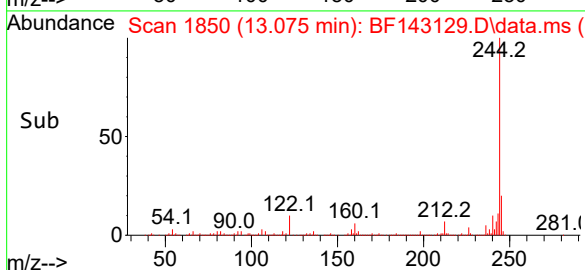
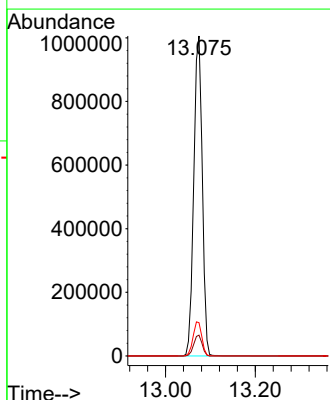
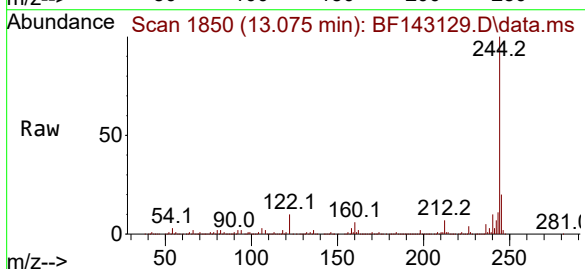
Tgt Ion:244 Resp: 1321267

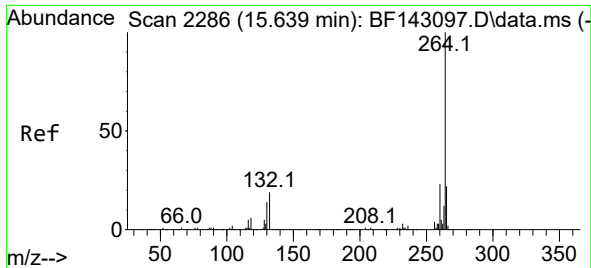
Ion Ratio Lower Upper

244 100

212 6.5 5.2 7.8

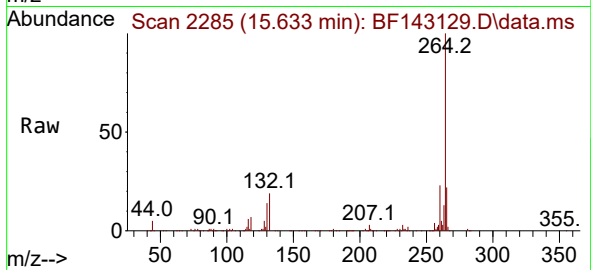
122 10.4 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.633 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143129.D
Acq: 17 Jul 2025 01:35

Instrument :
BNA_F
ClientSampleId :
V897



Tgt Ion:264 Resp: 236345
Ion Ratio Lower Upper
264 100
260 23.2 18.5 27.7
265 21.9 17.5 26.3

