

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143133.D
 Acq On : 17 Jul 2025 03:32
 Operator : RC/JU
 Sample : Q2555-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-29-070925

Quant Time: Jul 17 04:45:42 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)

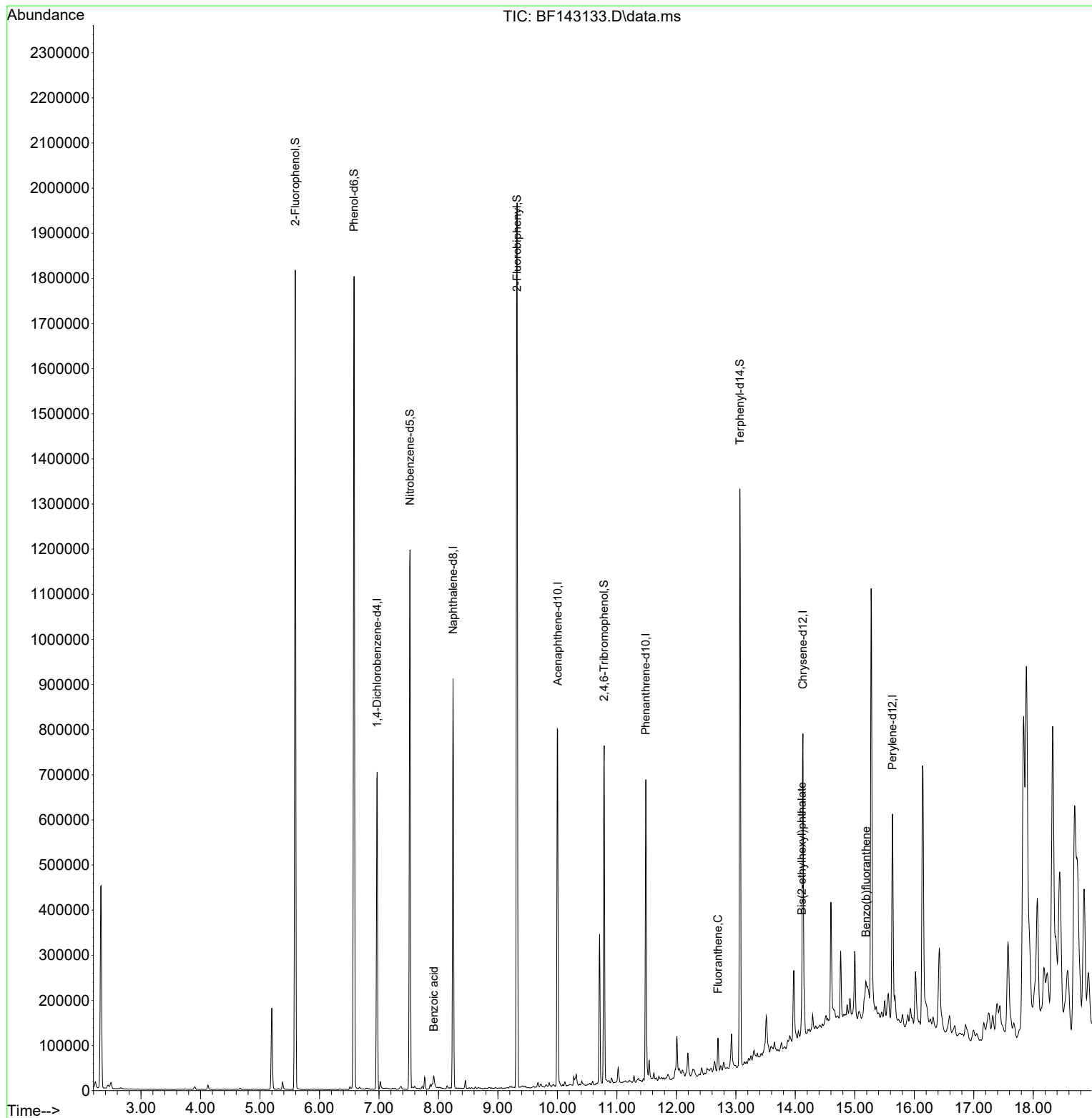
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	148153	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	532010	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	233880	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	324353	20.000	ng	0.00
76) Chrysene-d12	14.127	240	293654	20.000	ng	0.00
86) Perylene-d12	15.633	264	265449	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	640693	68.325	ng	0.00
7) Phenol-d6	6.581	99	820567	69.616	ng	0.00
23) Nitrobenzene-d5	7.522	82	513304	54.126	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	120229	57.653	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	859190	48.833	ng	0.00
79) Terphenyl-d14	13.068	244	594491	29.594	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	7.922	122	10466	8.654	ng	91
75) Fluoranthene	12.698	202	38282	2.405	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	10200	4.559	ng	# 99
88) Benzo(b)fluoranthene	15.186	252	46105m	3.011	ng	

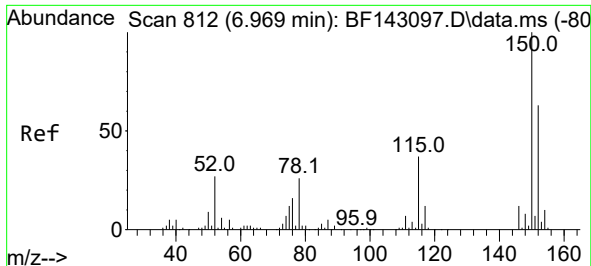
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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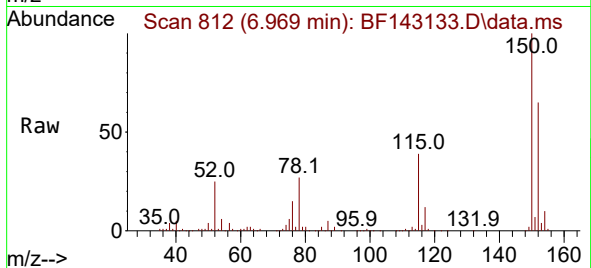
Quant Time: Jul 17 04:45:42 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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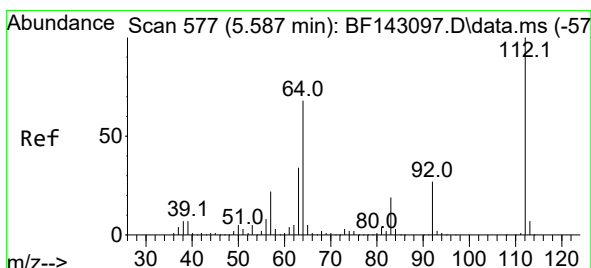
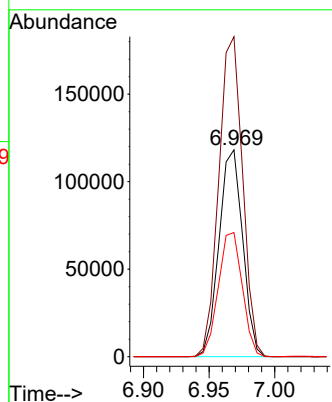
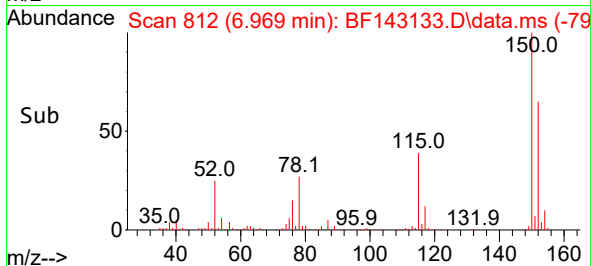


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143133.D
Acq: 17 Jul 2025 03:32

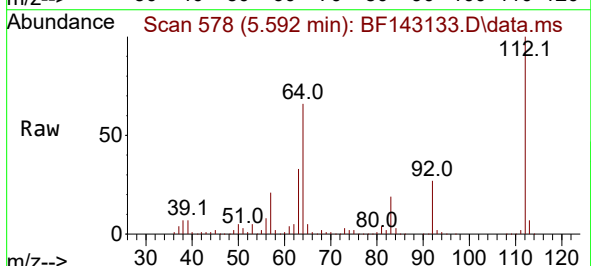
Instrument :
BNA_F
ClientSampleId :
OU4-TS-29-070925



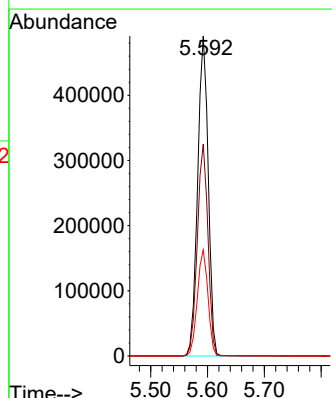
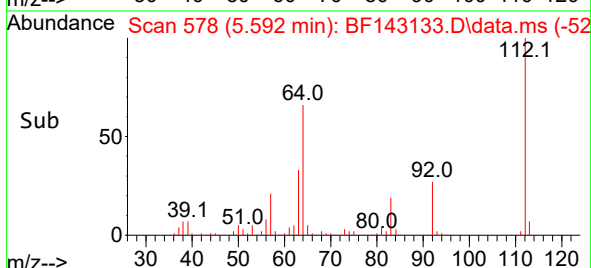
Tgt Ion:152 Resp: 148153
Ion Ratio Lower Upper
152 100
150 154.7 126.5 189.7
115 60.0 47.0 70.6

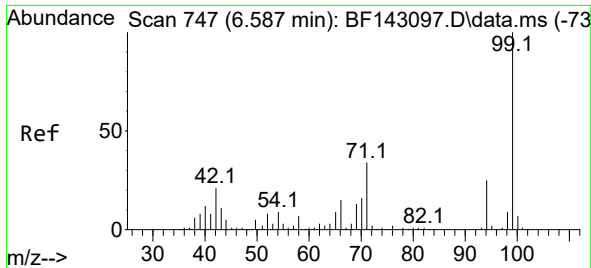


#5
2-Fluorophenol
Concen: 68.325 ng
RT: 5.592 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143133.D
Acq: 17 Jul 2025 03:32



Tgt Ion:112 Resp: 640693
Ion Ratio Lower Upper
112 100
64 66.1 54.6 82.0
63 33.1 27.3 40.9

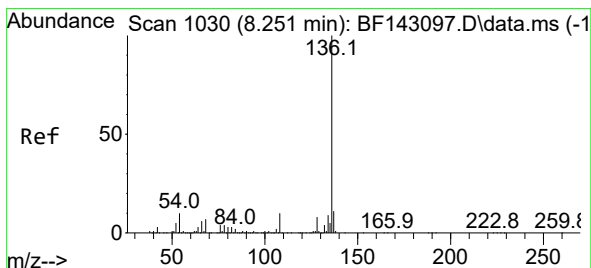
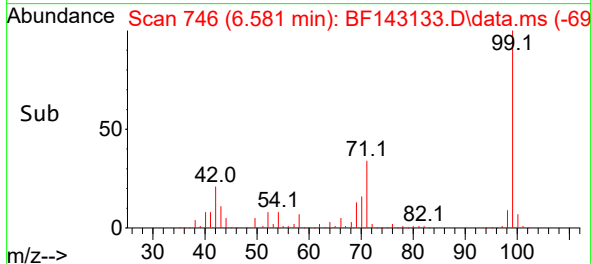
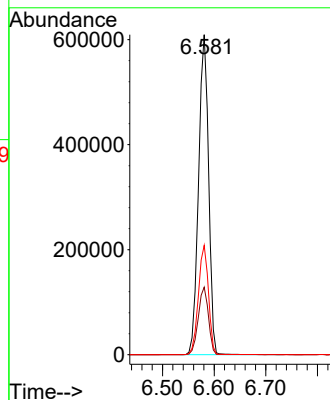
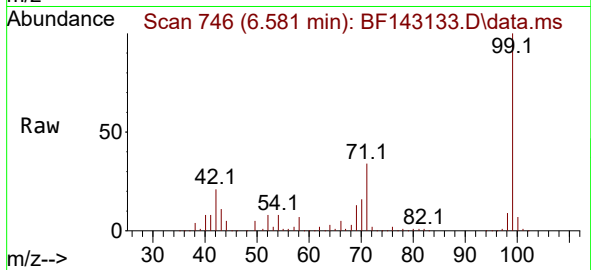




#7
Phenol-d6
Concen: 69.616 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143133.D
Acq: 17 Jul 2025 03:32

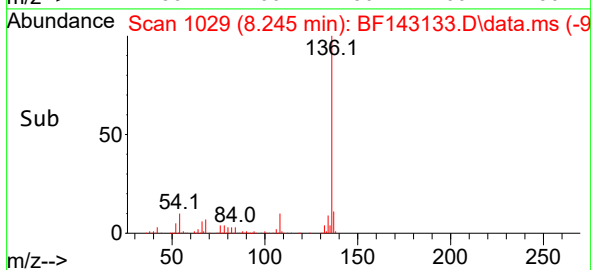
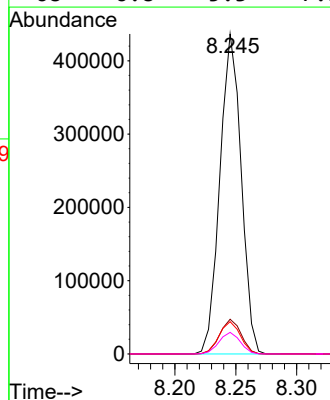
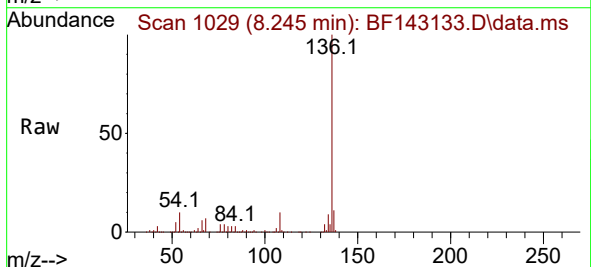
Instrument :
BNA_F
ClientSampleId :
OU4-TS-29-070925

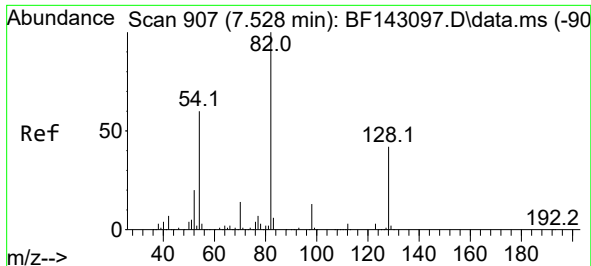
Tgt Ion: 99 Resp: 820567
Ion Ratio Lower Upper
99 100
42 21.1 17.2 25.8
71 34.1 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143133.D
Acq: 17 Jul 2025 03:32

Tgt Ion:136 Resp: 532010
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.1 8.3 12.5
68 6.8 5.3 7.9





#23

Nitrobenzene-d5

Concen: 54.126 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143133.D

Acq: 17 Jul 2025 03:32

Instrument :

BNA_F

ClientSampleId :

OU4-TS-29-070925

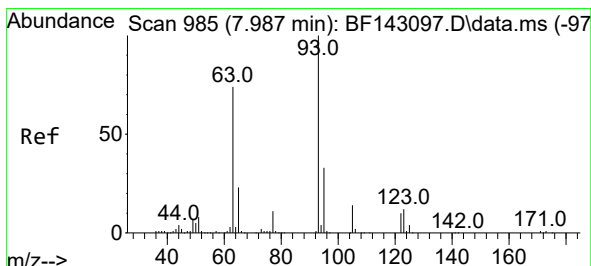
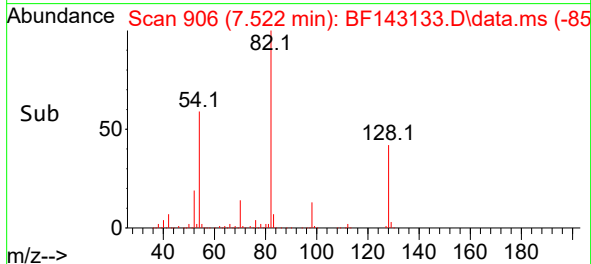
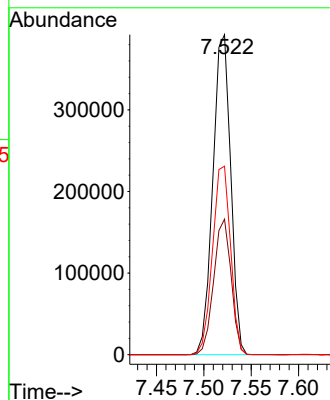
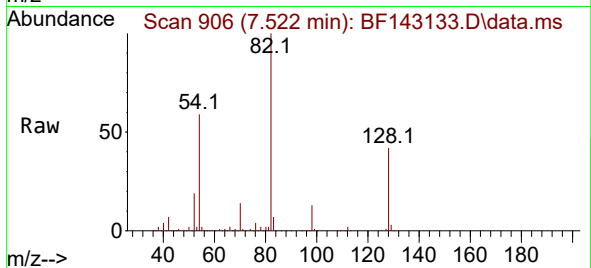
Tgt Ion: 82 Resp: 513304

Ion Ratio Lower Upper

82 100

128 42.4 33.3 49.9

54 58.9 47.4 71.2



#32

Benzoic acid

Concen: 8.654 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.065 min

Lab File: BF143133.D

Acq: 17 Jul 2025 03:32

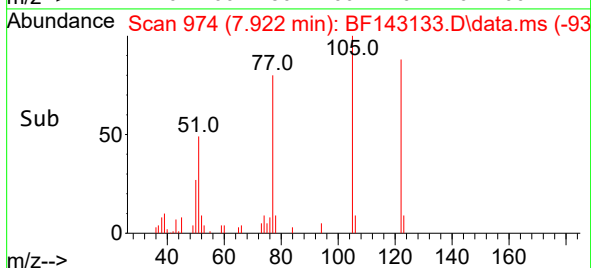
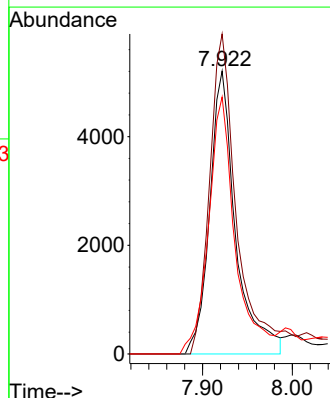
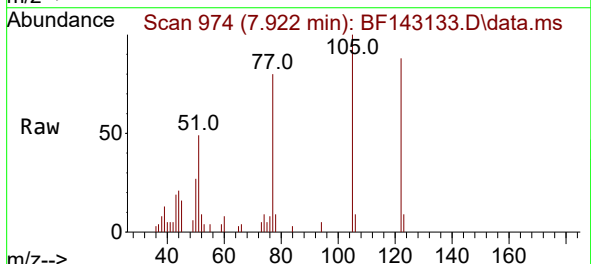
Tgt Ion:122 Resp: 10466

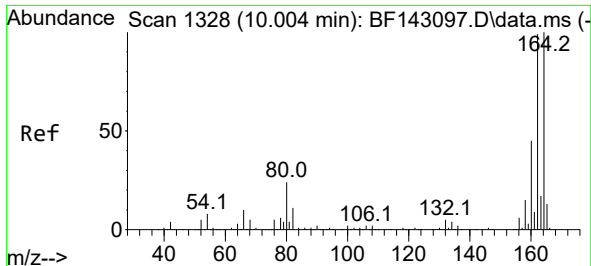
Ion Ratio Lower Upper

122 100

105 113.1 105.4 145.4

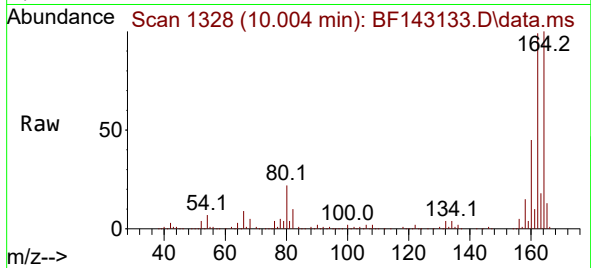
77 90.9 78.6 118.6



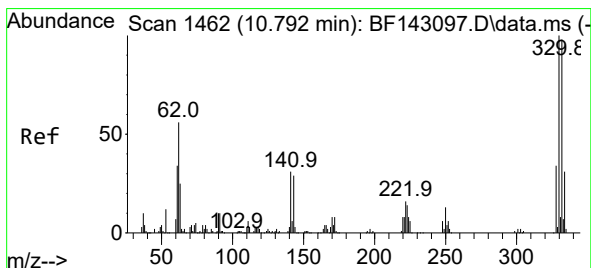
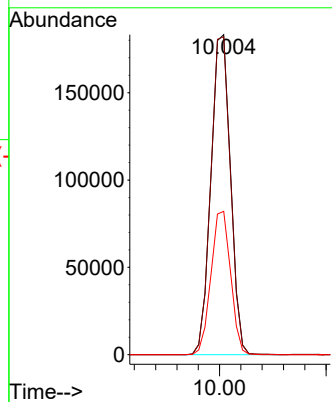
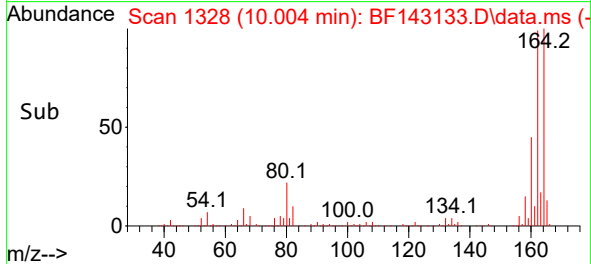


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143133.D
Acq: 17 Jul 2025 03:32

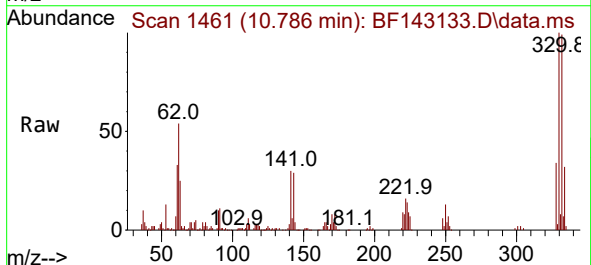
Instrument :
BNA_F
ClientSampleId :
OU4-TS-29-070925



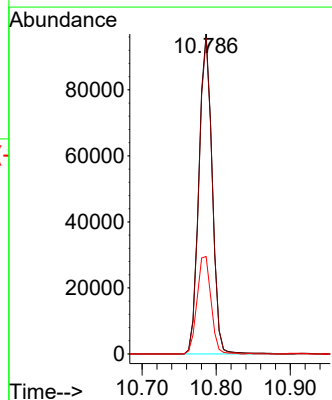
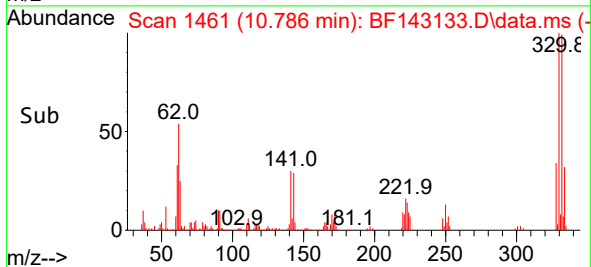
Tgt Ion:164 Resp: 233880
Ion Ratio Lower Upper
164 100
162 99.3 79.0 118.6
160 44.8 35.8 53.6

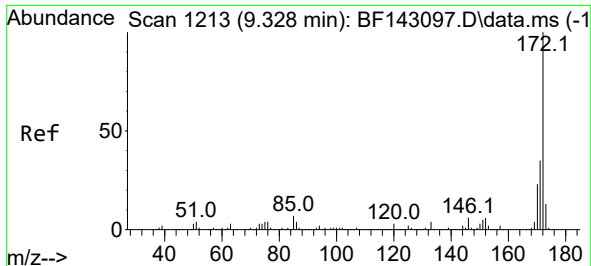


#42
2,4,6-Tribromophenol
Concen: 57.653 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143133.D
Acq: 17 Jul 2025 03:32



Tgt Ion:330 Resp: 120229
Ion Ratio Lower Upper
330 100
332 98.2 77.9 116.9
141 32.1 25.9 38.9





#45

2-Fluorobiphenyl

Concen: 48.833 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143133.D

Acq: 17 Jul 2025 03:32

Instrument :

BNA_F

ClientSampleId :

OU4-TS-29-070925

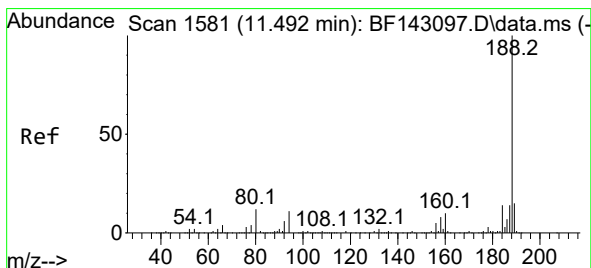
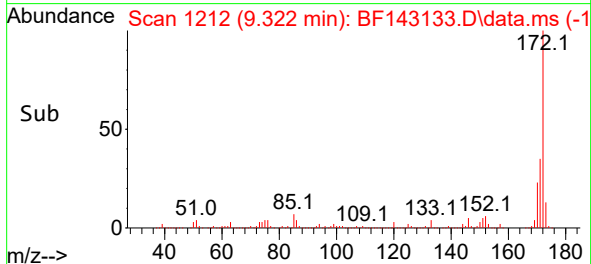
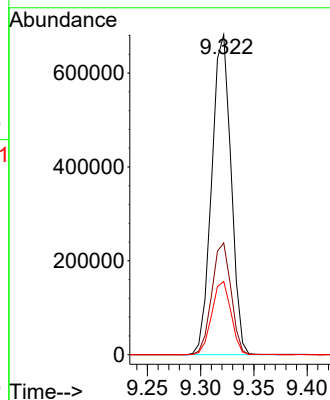
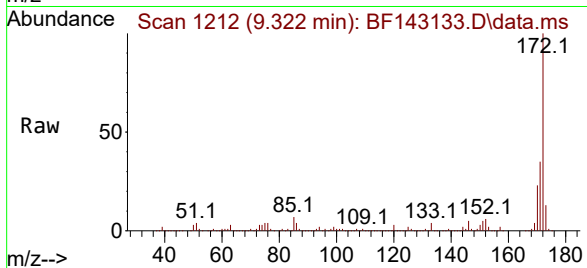
Tgt Ion:172 Resp: 859190

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.4

170 22.9 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: BF143133.D

Acq: 17 Jul 2025 03:32

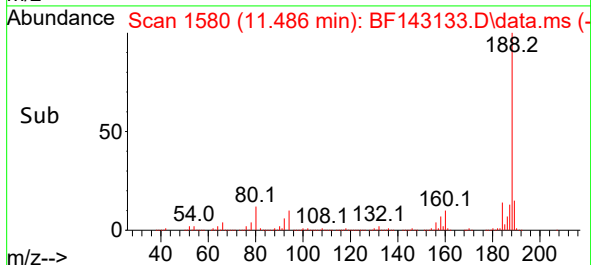
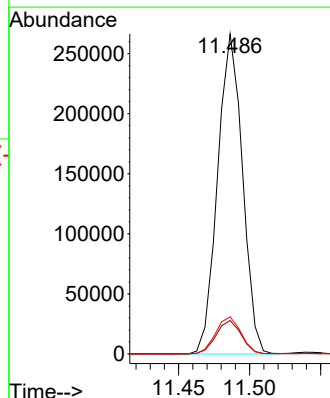
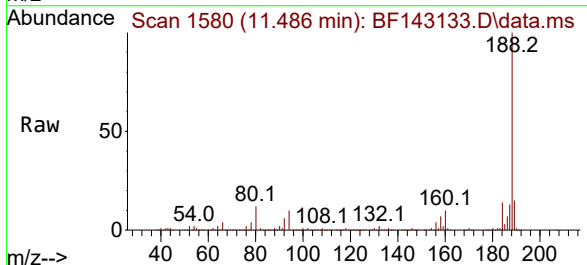
Tgt Ion:188 Resp: 324353

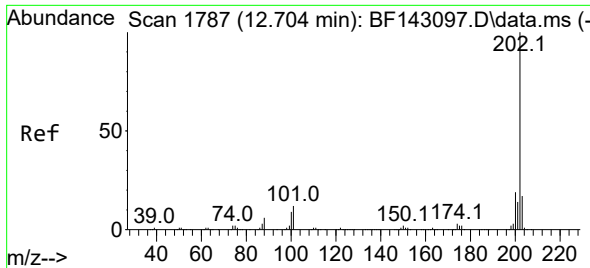
Ion Ratio Lower Upper

188 100

94 10.5 8.6 13.0

80 11.6 9.3 13.9

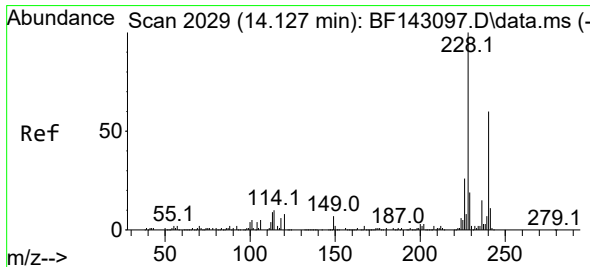
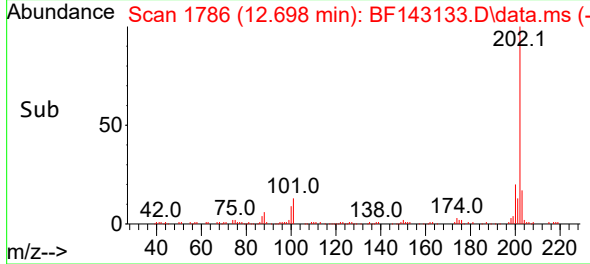
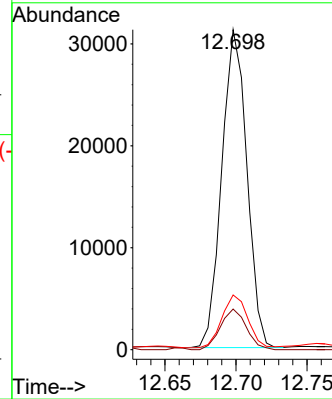
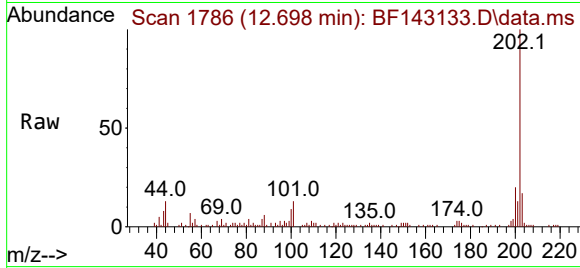




#75
Fluoranthene
Concen: 2.405 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF143133.D
Acq: 17 Jul 2025 03:32

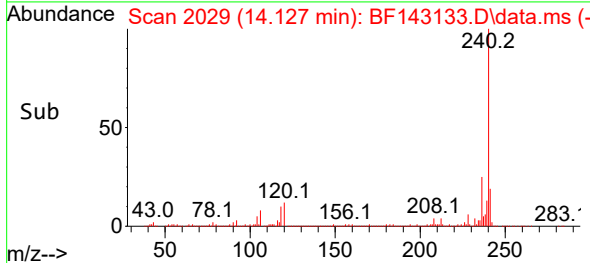
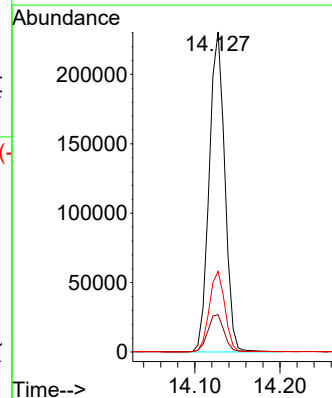
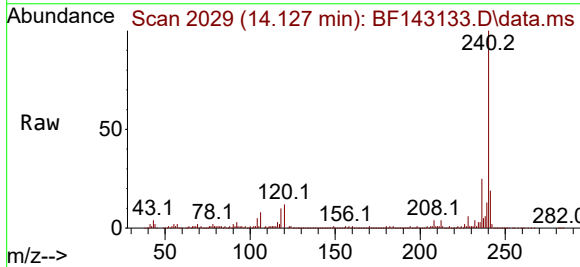
Instrument :
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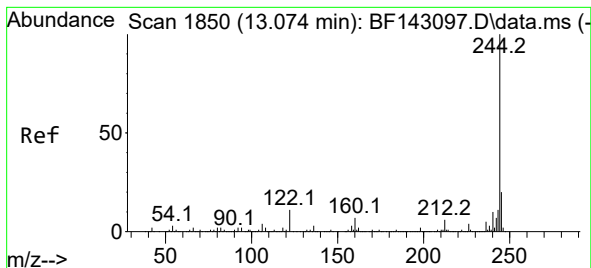
Tgt Ion:202 Resp: 38282
Ion Ratio Lower Upper
202 100
101 12.7 0.0 32.4
203 17.1 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF143133.D
Acq: 17 Jul 2025 03:32

Tgt Ion:240 Resp: 293654
Ion Ratio Lower Upper
240 100
120 11.7 10.0 15.0
236 25.2 20.0 30.0





#79

Terphenyl-d14

Concen: 29.594 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BF143133.D

Acq: 17 Jul 2025 03:32

Instrument :

BNA_F

ClientSampleId :

OU4-TS-29-070925

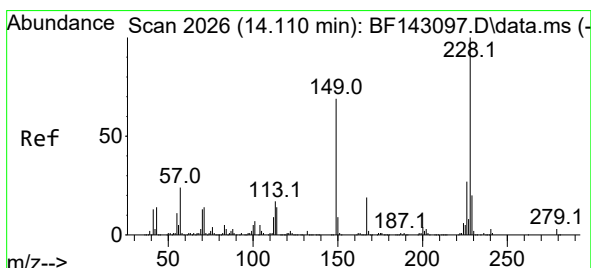
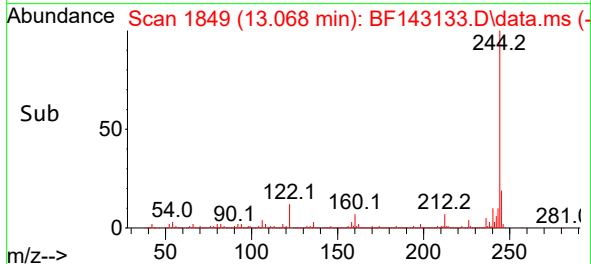
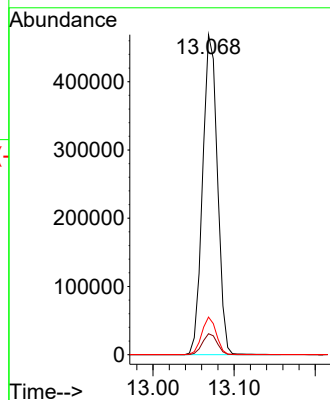
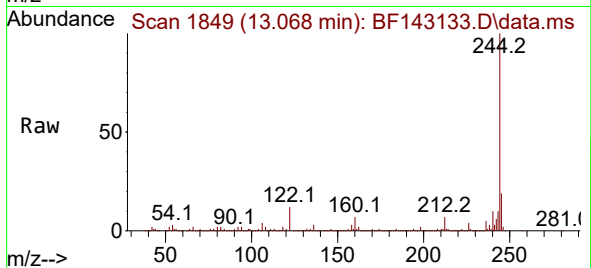
Tgt Ion:244 Resp: 594491

Ion Ratio Lower Upper

244 100

212 6.6 5.2 7.8

122 11.7 8.8 13.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.559 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143133.D

Acq: 17 Jul 2025 03:32

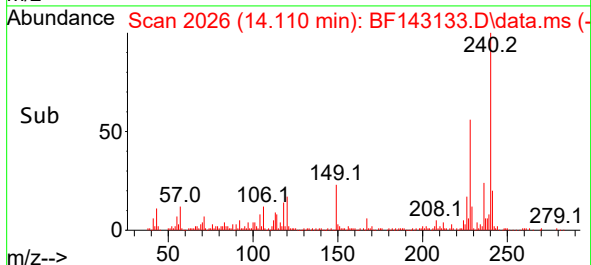
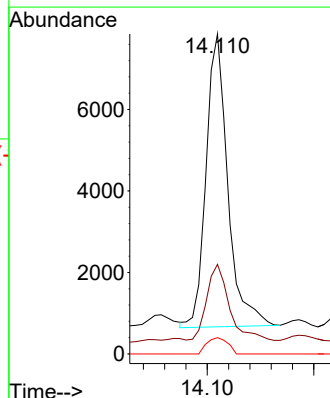
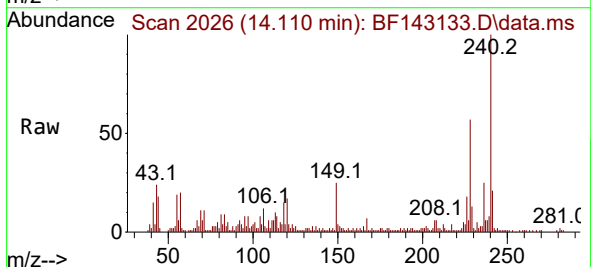
Tgt Ion:149 Resp: 10200

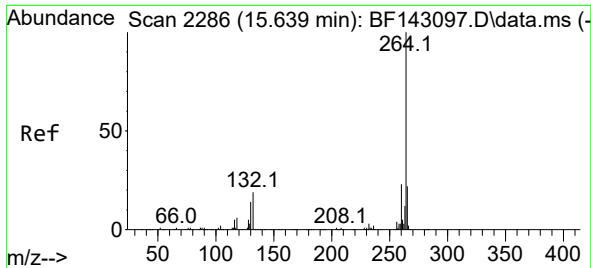
Ion Ratio Lower Upper

149 100

167 28.0 21.9 32.9

279 5.1 3.4 5.0#

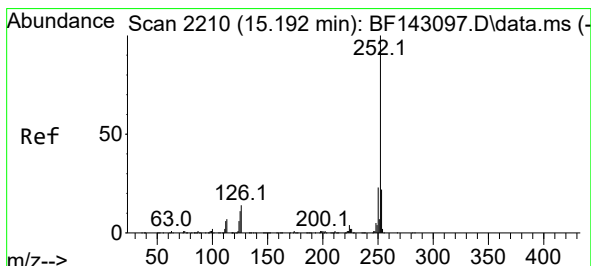
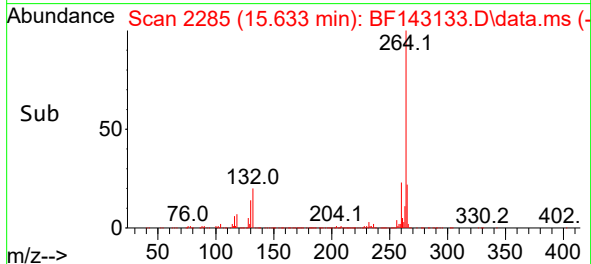
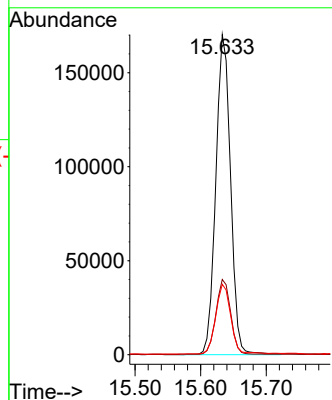
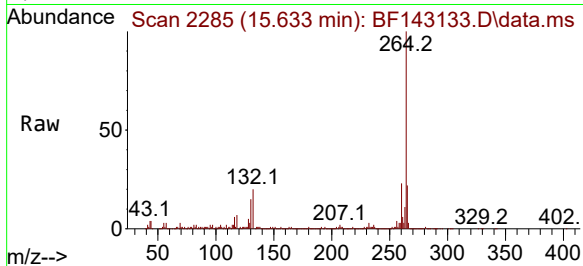




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143133.D
 Acq: 17 Jul 2025 03:32

Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-29-070925

Tgt Ion:264 Resp: 265449
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.5 27.7
 265 22.0 17.5 26.3



#88
 Benzo(b)fluoranthene
 Concen: 3.011 ng m
 RT: 15.186 min Scan# 2209
 Delta R.T. -0.006 min
 Lab File: BF143133.D
 Acq: 17 Jul 2025 03:32

Tgt Ion:252 Resp: 46105
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.5 26.3
 125 16.3 8.6 13.0#

