

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143135.D
 Acq On : 17 Jul 2025 04:31
 Operator : RC/JU
 Sample : Q2555-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-30-070925

Quant Time: Jul 17 04:46:18 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

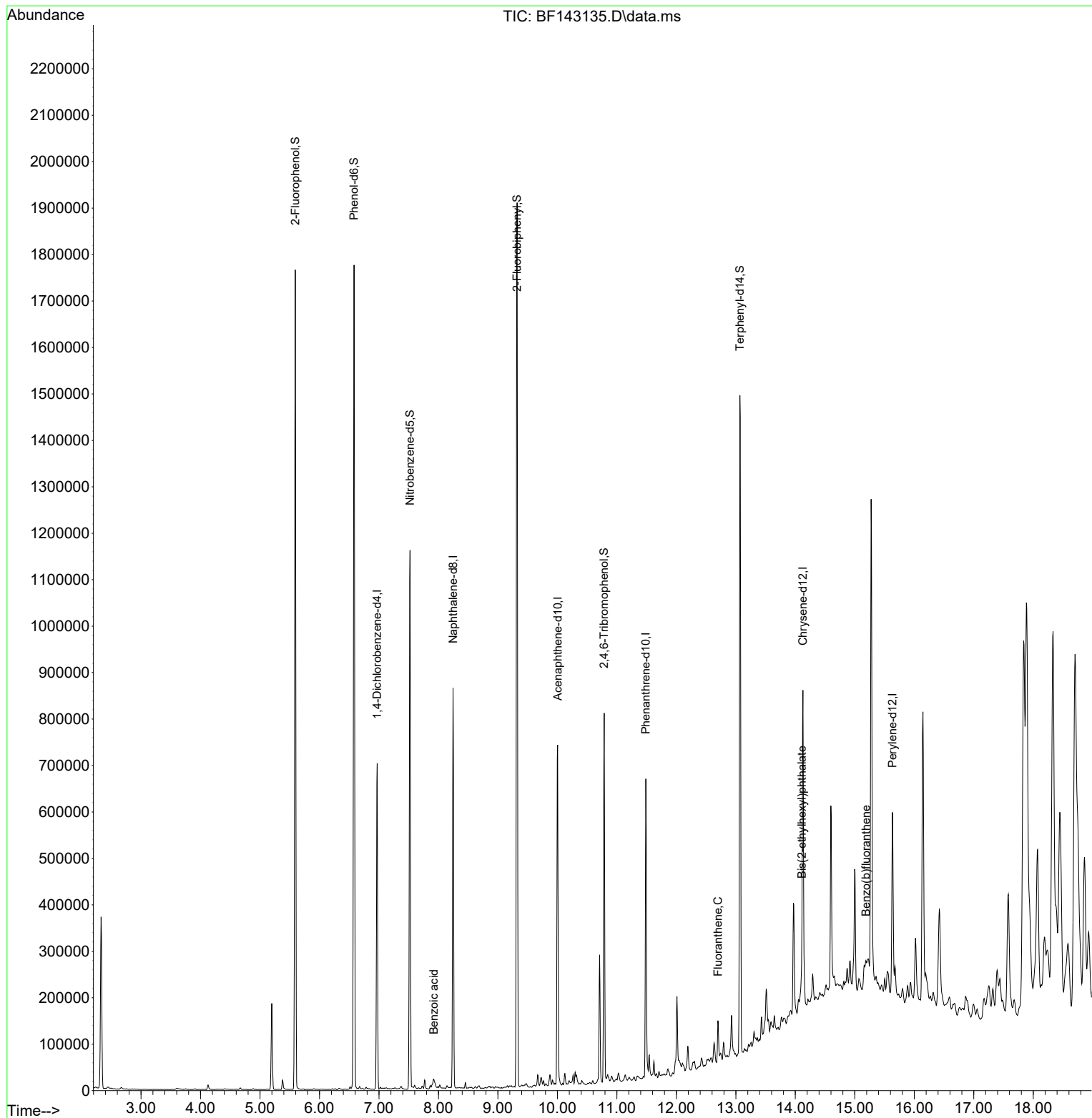
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	144850	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	503587	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	212132	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	313345	20.000	ng	0.00
76) Chrysene-d12	14.127	240	292725	20.000	ng	0.00
86) Perylene-d12	15.633	264	230038	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	617315	67.333	ng	0.00
7) Phenol-d6	6.581	99	799294	69.357	ng	0.00
23) Nitrobenzene-d5	7.522	82	490298	54.618	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	127302	67.303	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	824001	51.634	ng	0.00
79) Terphenyl-d14	13.068	244	683589	34.137	ng	0.00
Target Compounds						
32) Benzoic acid	7.922	122	9781	8.627	ng	90
75) Fluoranthene	12.698	202	44404	2.888	ng	98
84) Bis(2-ethylhexyl)phtha...	14.110	149	12473	4.819	ng	95
88) Benzo(b)fluoranthene	15.186	252	33424m	2.519	ng	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143135.D
Acq On : 17 Jul 2025 04:31
Operator : RC/JU
Sample : Q2555-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-TS-30-070925

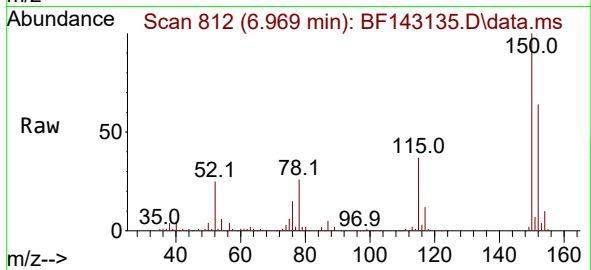
Quant Time: Jul 17 04:46:18 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration



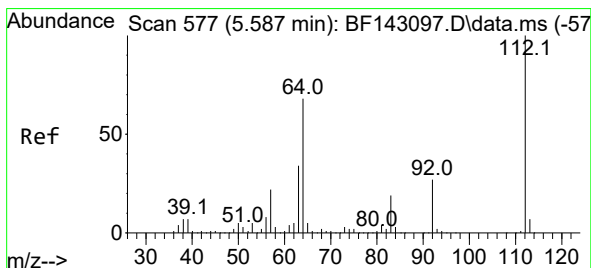
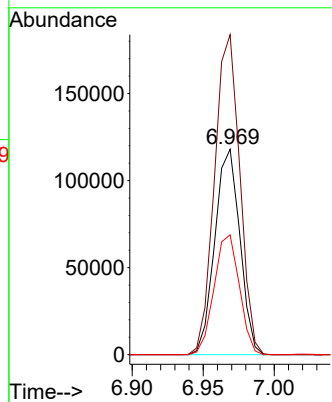
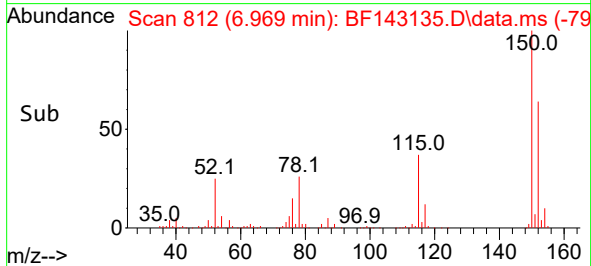


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

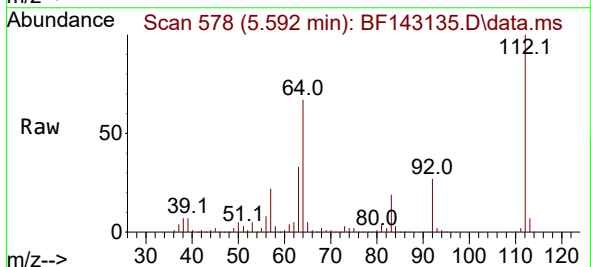
Instrument :
BNA_F
ClientSampleId :
OU4-TS-30-070925



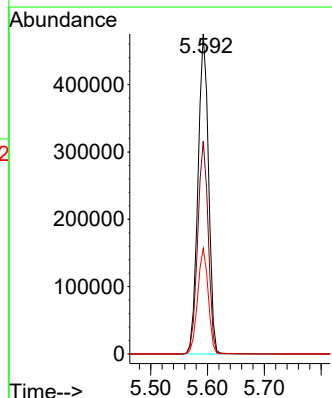
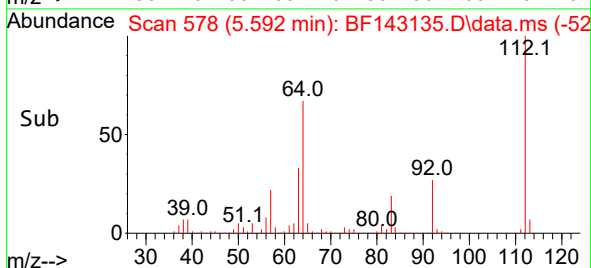
Tgt Ion:152 Resp: 144850
Ion Ratio Lower Upper
152 100
150 155.8 126.5 189.7
115 58.4 47.0 70.6

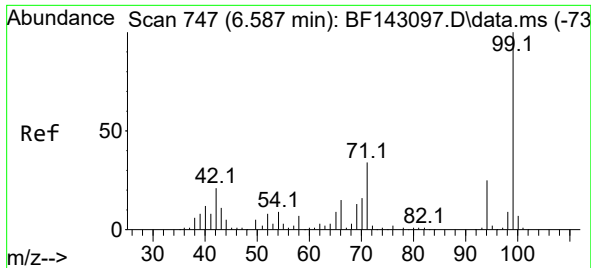


#5
2-Fluorophenol
Concen: 67.333 ng
RT: 5.592 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31



Tgt Ion:112 Resp: 617315
Ion Ratio Lower Upper
112 100
64 66.5 54.6 82.0
63 32.9 27.3 40.9

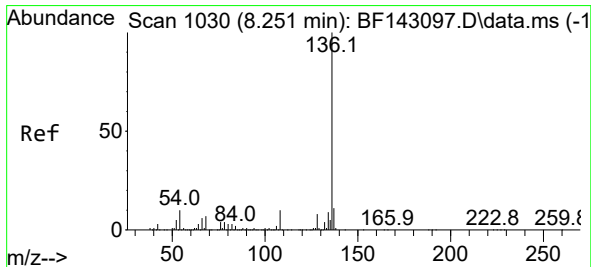
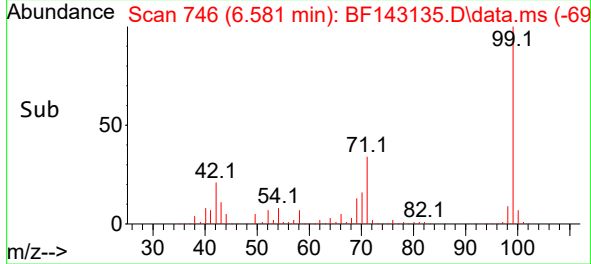
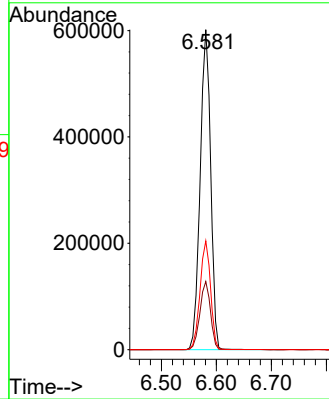
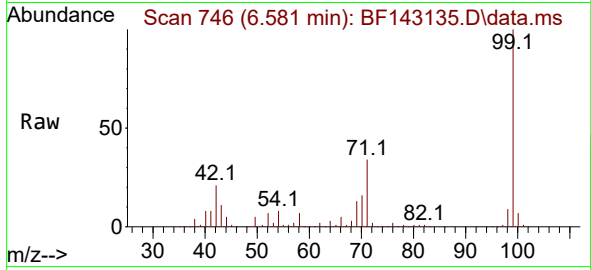




#7
Phenol-d6
Concen: 69.357 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

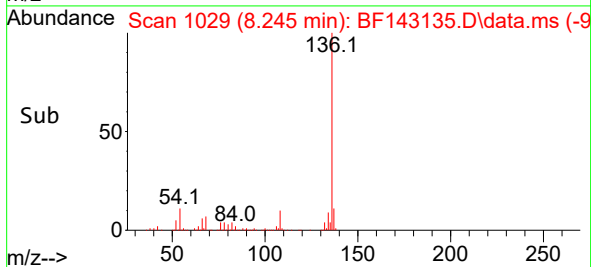
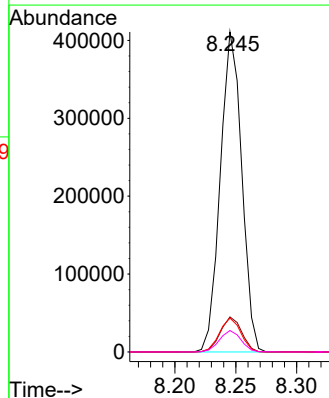
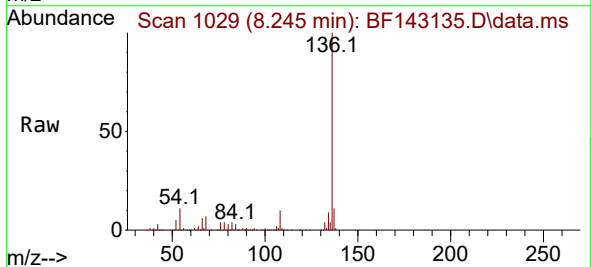
Instrument :
BNA_F
ClientSampleId :
OU4-TS-30-070925

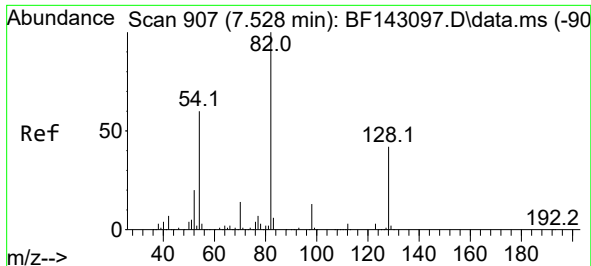
Tgt Ion: 99 Resp: 799294
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 34.0 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

Tgt Ion:136 Resp: 503587
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 10.6 8.3 12.5
68 6.7 5.3 7.9





#23

Nitrobenzene-d5

Concen: 54.618 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143135.D

Acq: 17 Jul 2025 04:31

Instrument :

BNA_F

ClientSampleId :

OU4-TS-30-070925

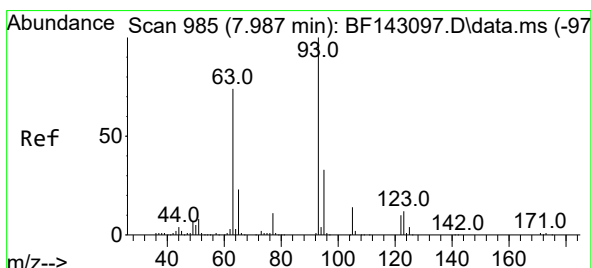
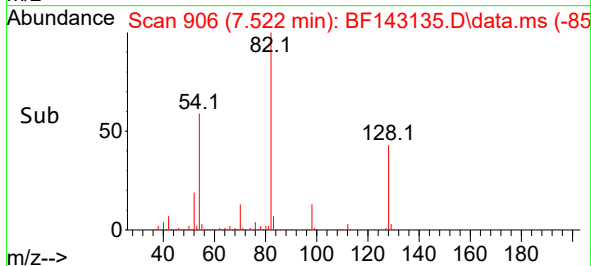
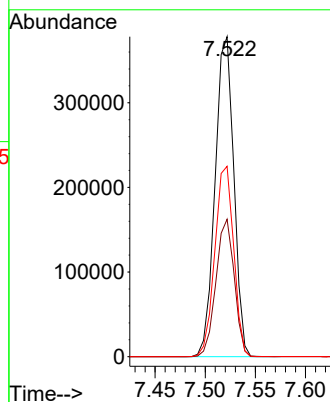
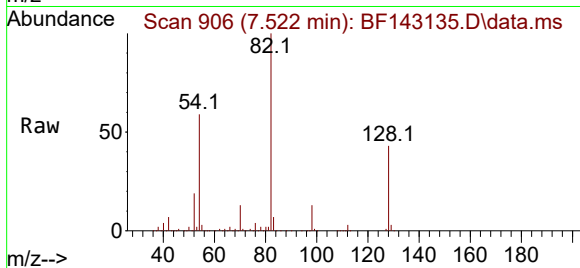
Tgt Ion: 82 Resp: 490298

Ion Ratio Lower Upper

82 100

128 42.9 33.3 49.9

54 59.5 47.4 71.2



#32

Benzoic acid

Concen: 8.627 ng

RT: 7.922 min Scan# 974

Delta R.T. -0.065 min

Lab File: BF143135.D

Acq: 17 Jul 2025 04:31

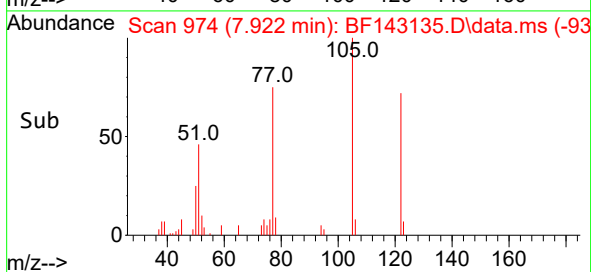
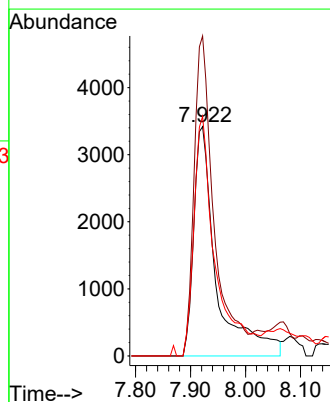
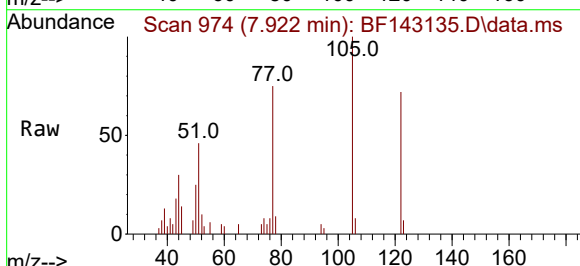
Tgt Ion: 122 Resp: 9781

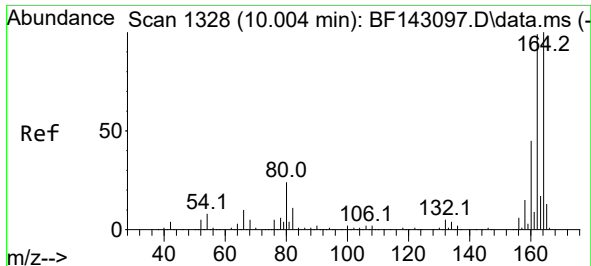
Ion Ratio Lower Upper

122 100

105 139.6 105.4 145.4

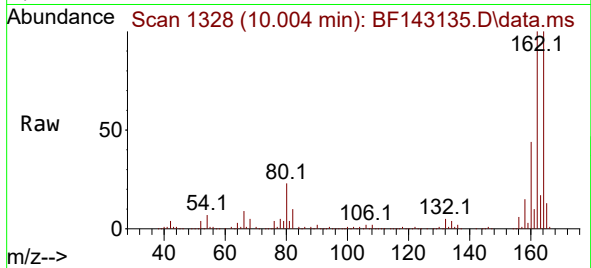
77 104.5 78.6 118.6



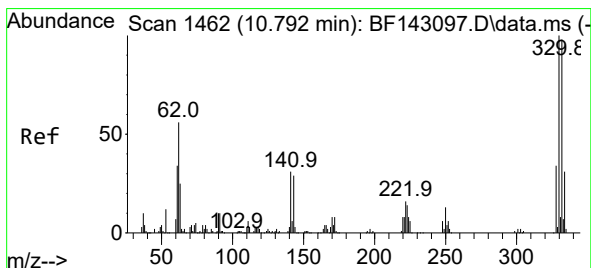
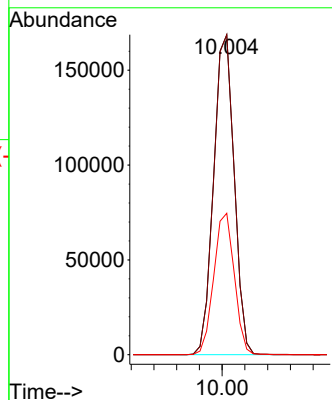
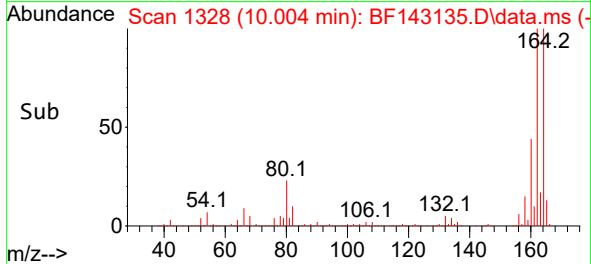


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

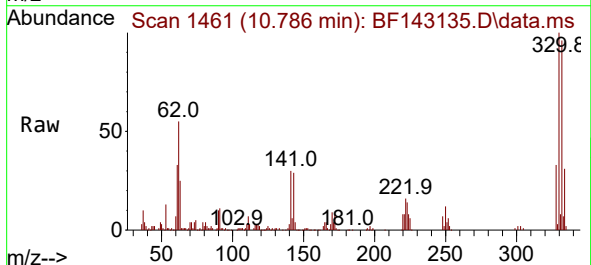
Instrument :
BNA_F
ClientSampleId :
OU4-TS-30-070925



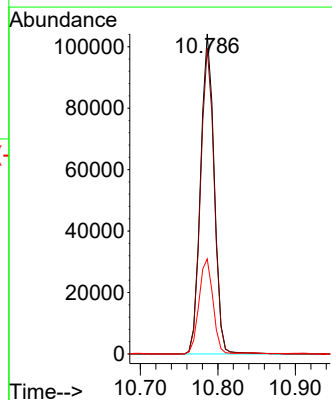
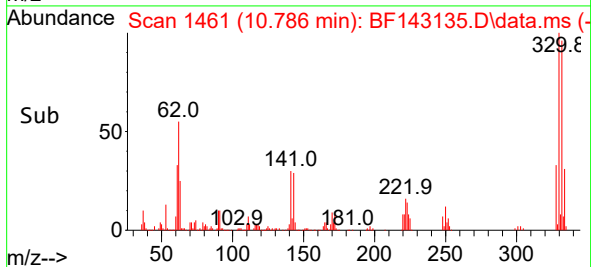
Tgt Ion:164 Resp: 212132
Ion Ratio Lower Upper
164 100
162 100.0 79.0 118.6
160 44.2 35.8 53.6

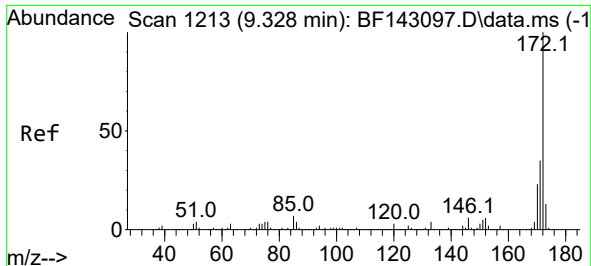


#42
2,4,6-Tribromophenol
Concen: 67.303 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31



Tgt Ion:330 Resp: 127302
Ion Ratio Lower Upper
330 100
332 95.7 77.9 116.9
141 30.3 25.9 38.9





#45

2-Fluorobiphenyl

Concen: 51.634 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143135.D

Acq: 17 Jul 2025 04:31

Instrument :

BNA_F

ClientSampleId :

OU4-TS-30-070925

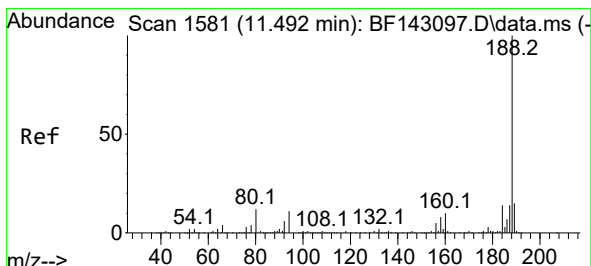
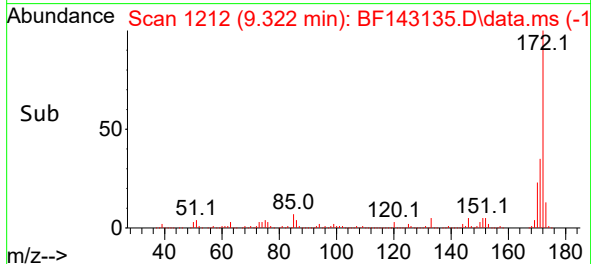
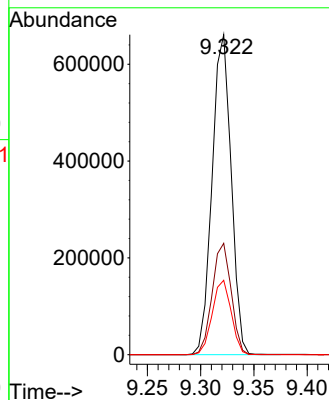
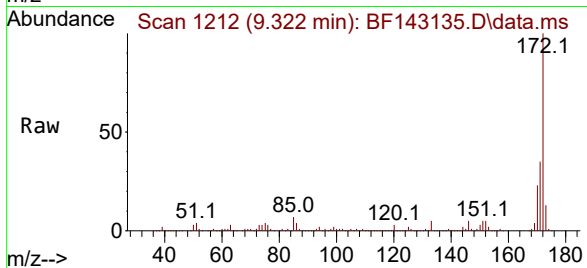
Tgt Ion:172 Resp: 824001

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.4

170 23.3 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: BF143135.D

Acq: 17 Jul 2025 04:31

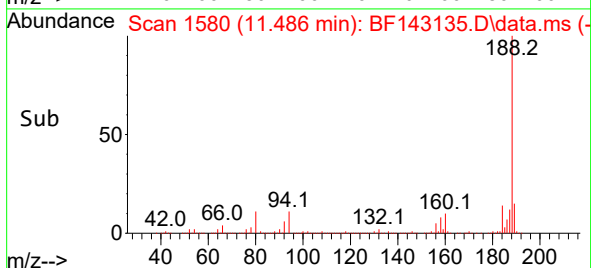
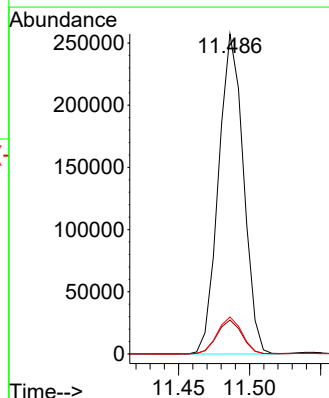
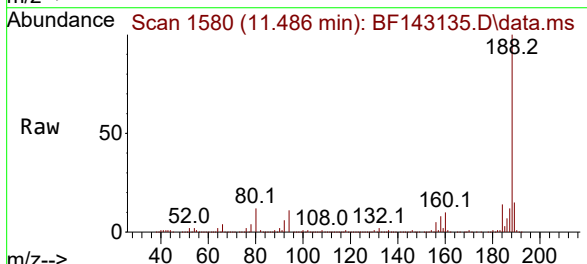
Tgt Ion:188 Resp: 313345

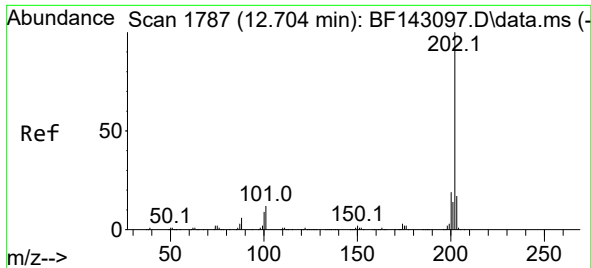
Ion Ratio Lower Upper

188 100

94 10.6 8.6 13.0

80 11.5 9.3 13.9

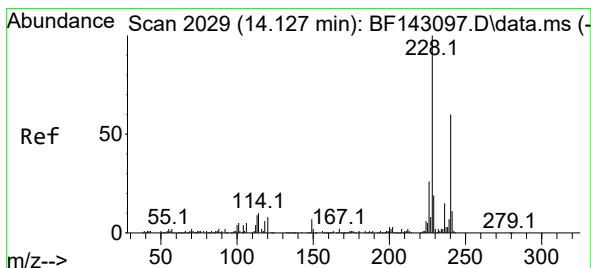
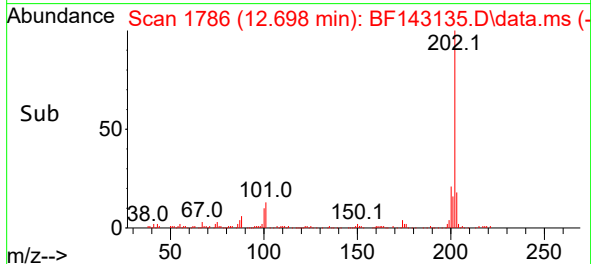
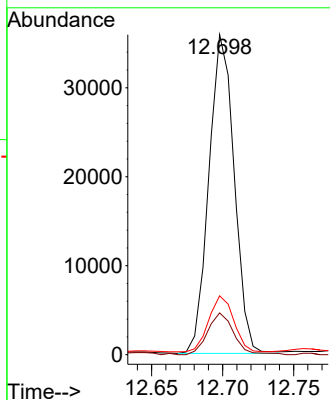
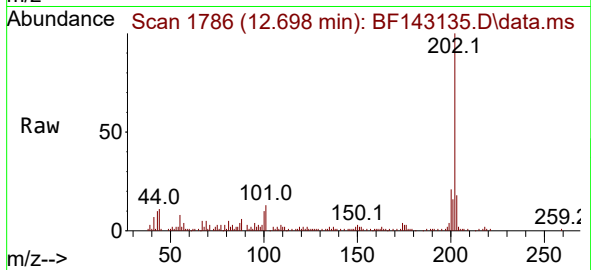




#75
Fluoranthene
Concen: 2.888 ng
RT: 12.698 min Scan# 1786
Delta R.T. -0.006 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

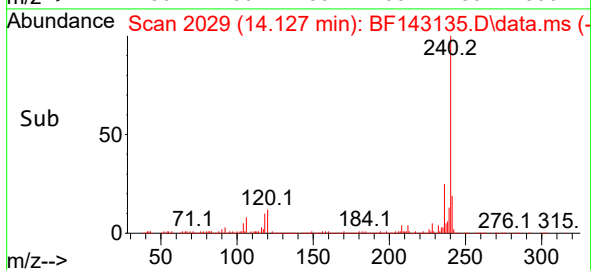
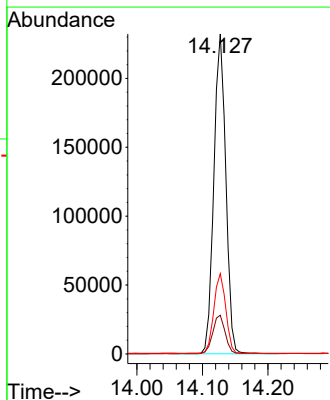
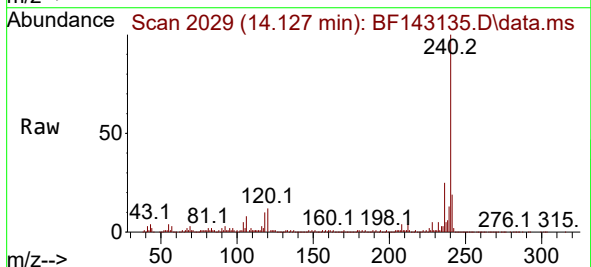
Instrument :
BNA_F
ClientSampleId :
OU4-TS-30-070925

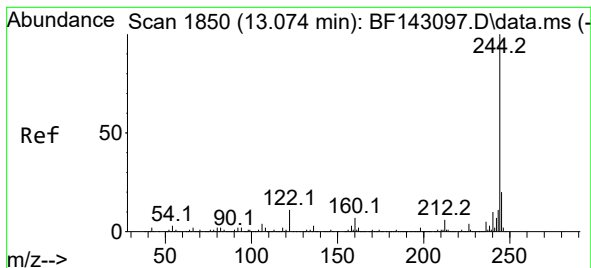
Tgt Ion:202 Resp: 44404
Ion Ratio Lower Upper
202 100
101 13.1 0.0 32.4
203 18.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. -0.000 min
Lab File: BF143135.D
Acq: 17 Jul 2025 04:31

Tgt Ion:240 Resp: 292725
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 25.1 20.0 30.0





#79

Terphenyl-d14

Concen: 34.137 ng

RT: 13.068 min Scan# 1849

Delta R.T. -0.006 min

Lab File: BF143135.D

Acq: 17 Jul 2025 04:31

Instrument :

BNA_F

ClientSampleId :

OU4-TS-30-070925

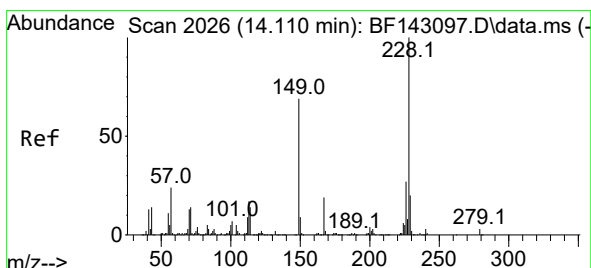
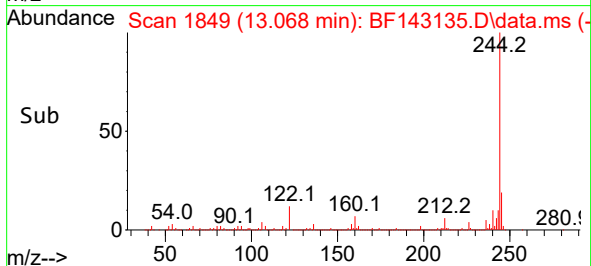
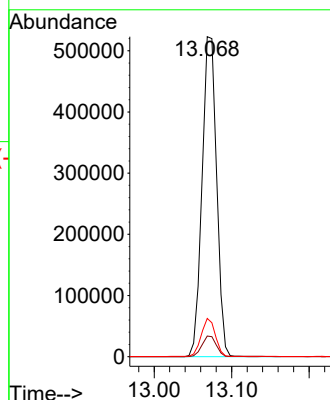
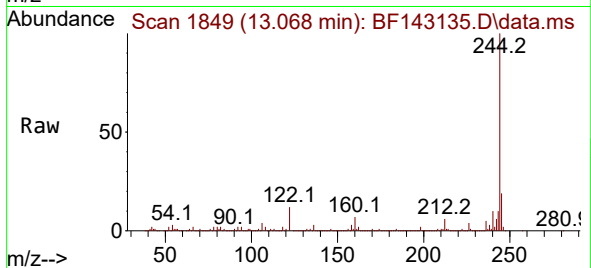
Tgt Ion:244 Resp: 683589

Ion Ratio Lower Upper

244 100

212 6.4 5.2 7.8

122 12.0 8.8 13.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 4.819 ng

RT: 14.110 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF143135.D

Acq: 17 Jul 2025 04:31

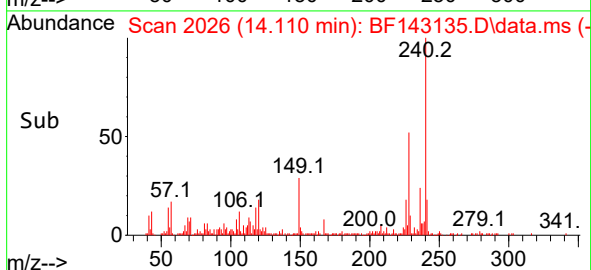
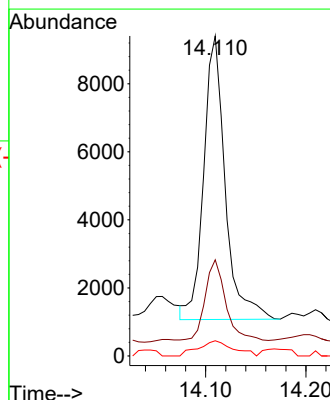
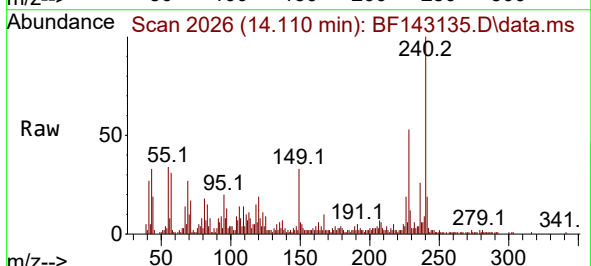
Tgt Ion:149 Resp: 12473

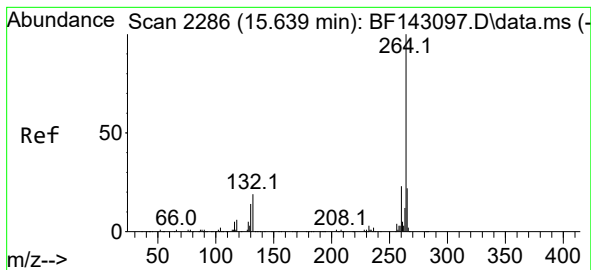
Ion Ratio Lower Upper

149 100

167 30.0 21.9 32.9

279 4.8 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: BF143135.D

Acq: 17 Jul 2025 04:31

Instrument :

BNA_F

ClientSampleId :

OU4-TS-30-070925

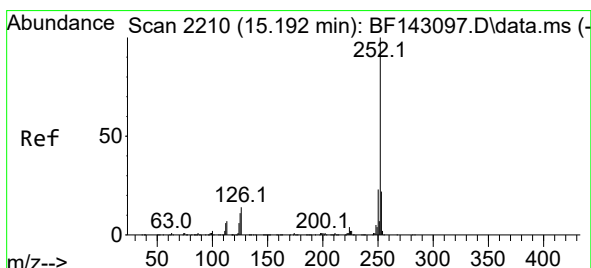
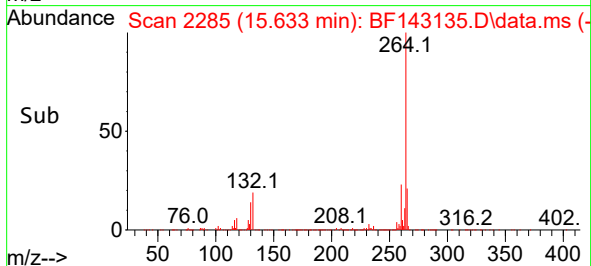
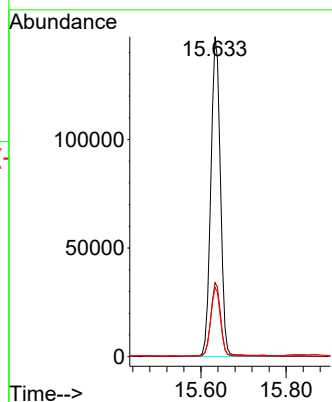
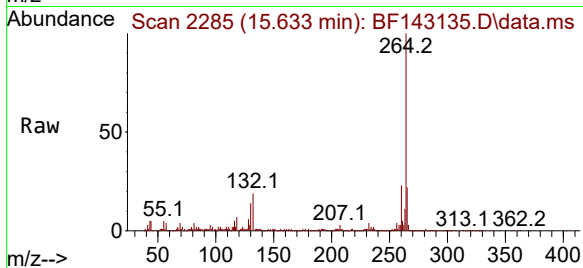
Tgt Ion:264 Resp: 230038

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 21.6 17.5 26.3



#88

Benzo(b)fluoranthene

Concen: 2.519 ng m

RT: 15.186 min Scan# 2209

Delta R.T. -0.006 min

Lab File: BF143135.D

Acq: 17 Jul 2025 04:31

Tgt Ion:252 Resp: 33424

Ion Ratio Lower Upper

252 100

253 27.7 17.5 26.3#

125 22.0 8.6 13.0#

