

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072425\
 Data File : BF143232.D
 Acq On : 24 Jul 2025 14:30
 Operator : RC/JU
 Sample : Q2668-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Quant Time: Jul 24 14:53:48 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	125378	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	468683	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	246103	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	378902	20.000	ng	0.00
76) Chrysene-d12	14.121	240	279013	20.000	ng	0.00
86) Perylene-d12	15.621	264	288304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	801251	101.130	ng	0.02
7) Phenol-d6	6.587	99	924048	92.660	ng	0.00
23) Nitrobenzene-d5	7.516	82	747153	79.464	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	308125	121.195	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1348195	74.921	ng	0.00
79) Terphenyl-d14	13.069	244	1229362	65.568	ng	0.00

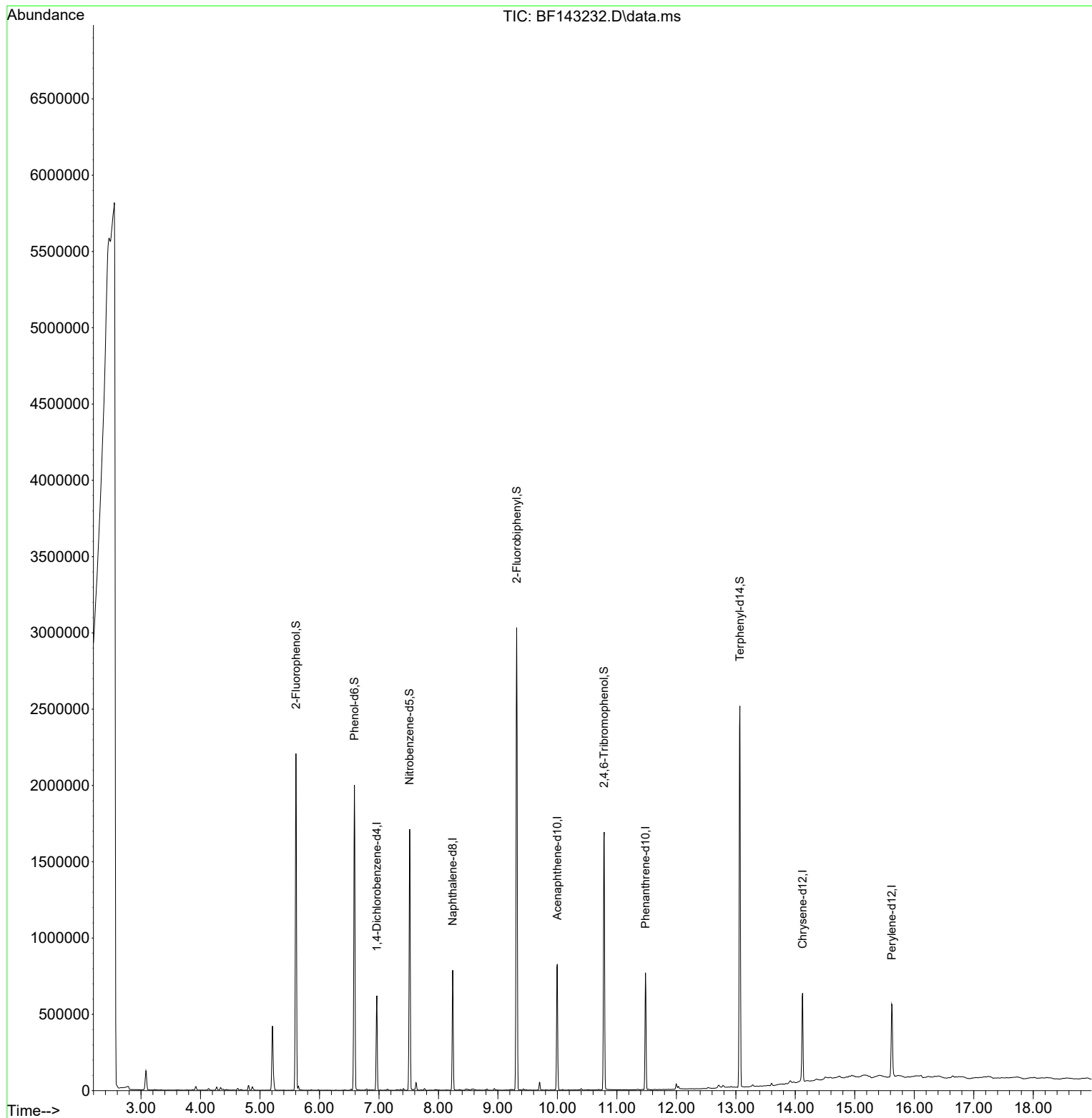
Target Compounds	Qvalue

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

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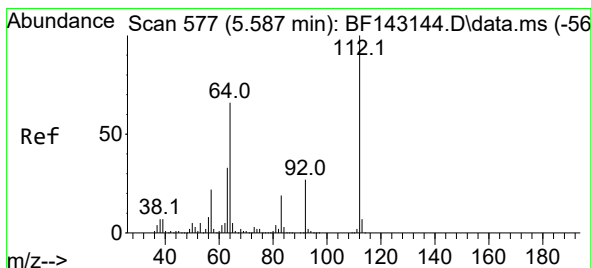
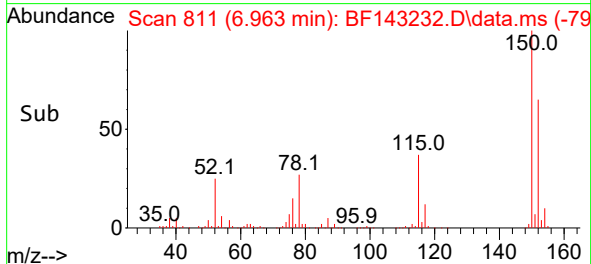
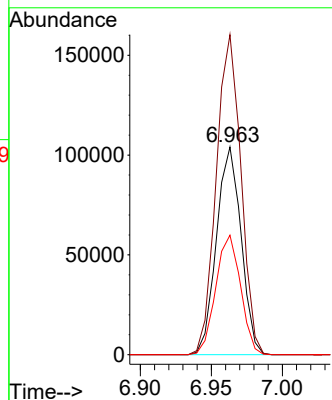
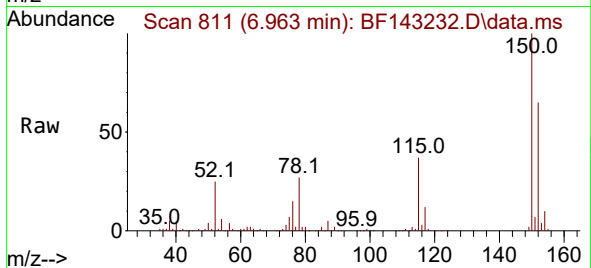




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143232.D
Acq: 24 Jul 2025 14:30

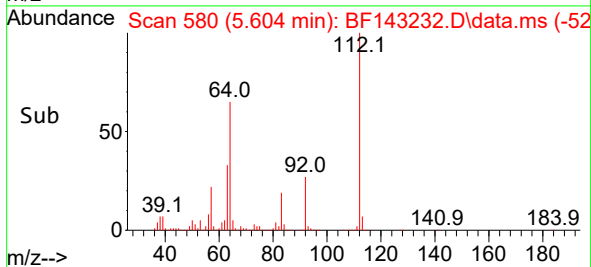
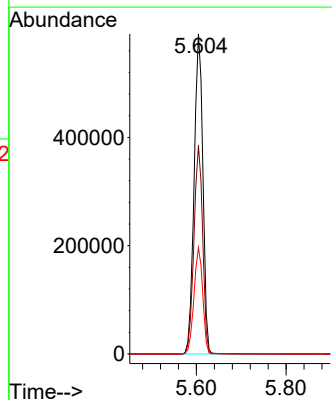
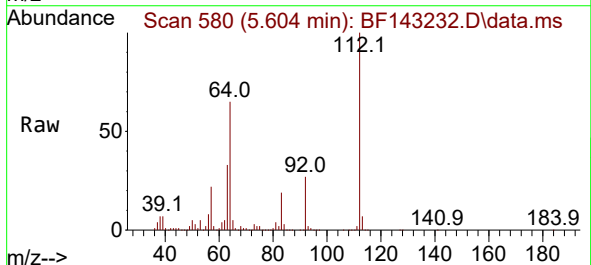
Instrument :
BNA_F
ClientSampleId :
TP-2

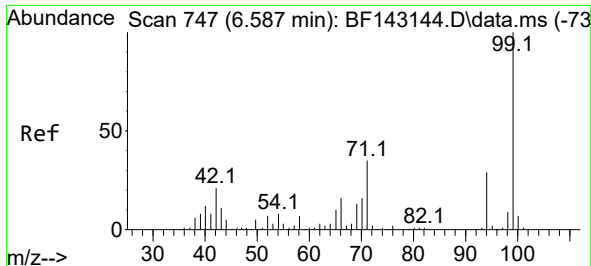
Tgt Ion:152 Resp: 125378
Ion Ratio Lower Upper
152 100
150 154.0 128.2 192.4
115 57.5 47.9 71.9



#5
2-Fluorophenol
Concen: 101.130 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143232.D
Acq: 24 Jul 2025 14:30

Tgt Ion:112 Resp: 801251
Ion Ratio Lower Upper
112 100
64 65.1 53.1 79.7
63 33.2 26.6 40.0

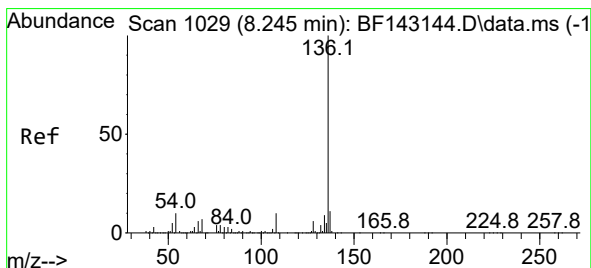
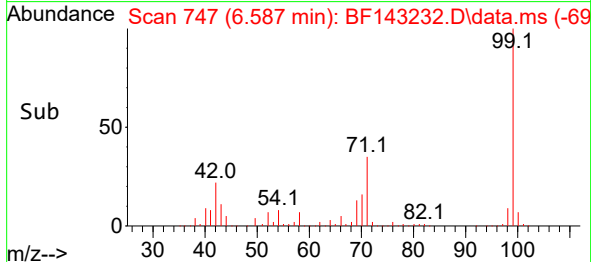
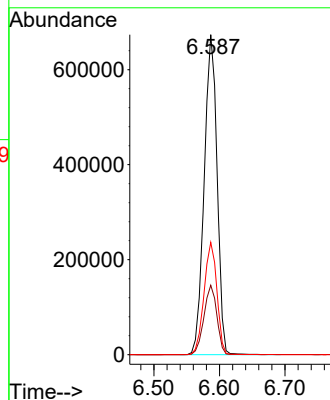
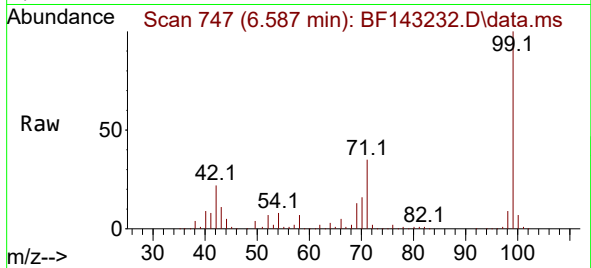




#7
Phenol-d6
Concen: 92.660 ng
RT: 6.587 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF143232.D
Acq: 24 Jul 2025 14:30

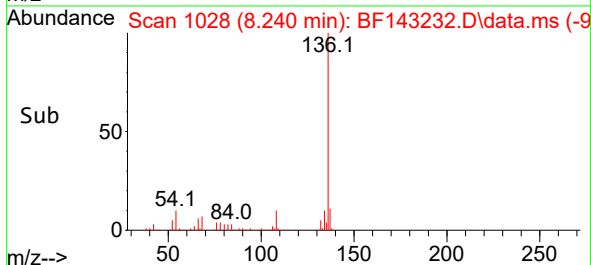
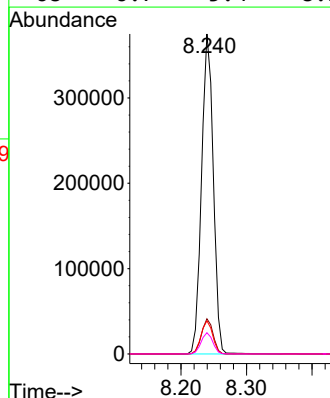
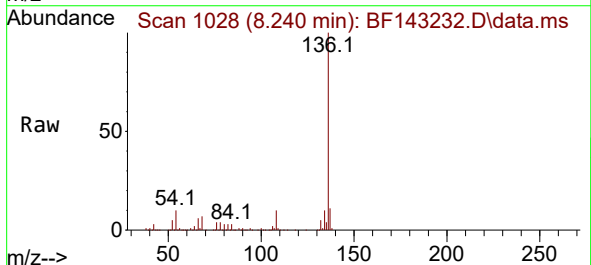
Instrument :
BNA_F
ClientSampleId :
TP-2

Tgt Ion: 99 Resp: 924048
Ion Ratio Lower Upper
99 100
42 21.7 17.0 25.6
71 35.1 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: BF143232.D
Acq: 24 Jul 2025 14:30

Tgt Ion: 136 Resp: 468683
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.3 8.2 12.2
68 6.7 5.4 8.2





#23

Nitrobenzene-d5

Concen: 79.464 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143232.D

Acq: 24 Jul 2025 14:30

Instrument :

BNA_F

ClientSampleId :

TP-2

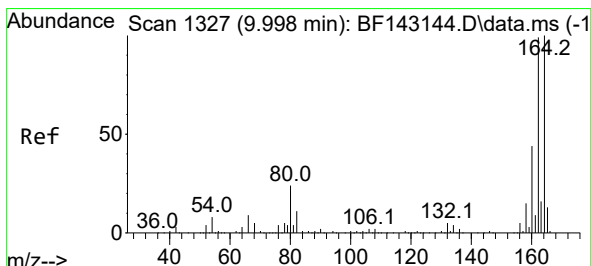
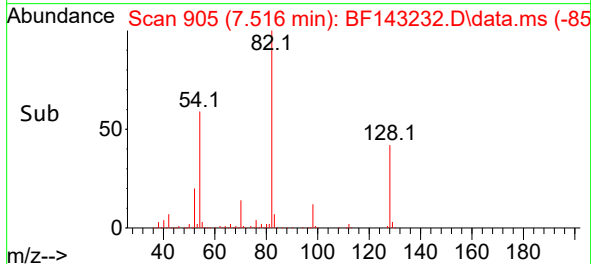
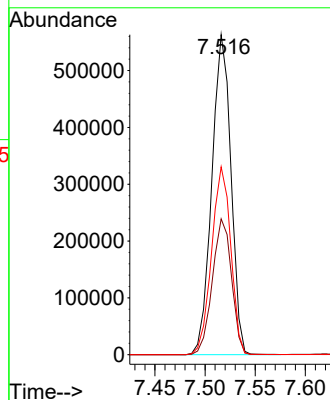
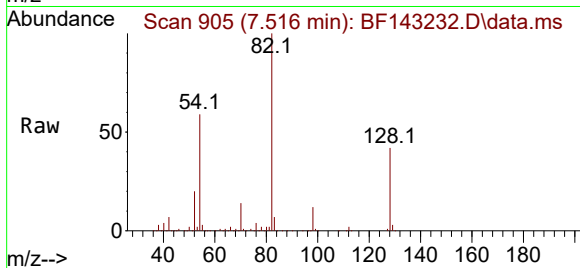
Tgt Ion: 82 Resp: 747153

Ion Ratio Lower Upper

82 100

128 42.5 33.6 50.4

54 58.7 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF143232.D

Acq: 24 Jul 2025 14:30

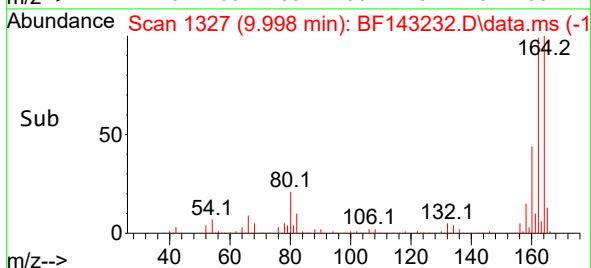
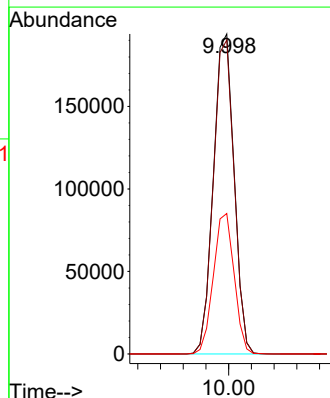
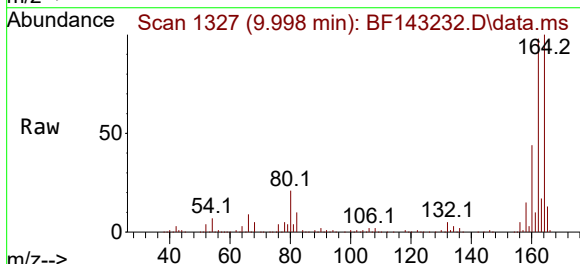
Tgt Ion:164 Resp: 246103

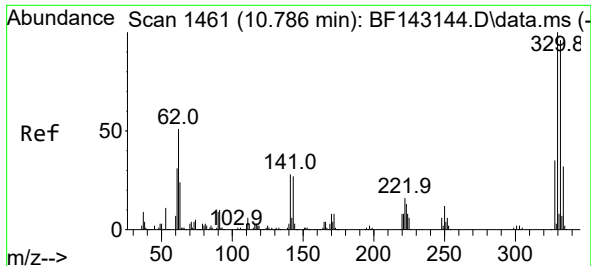
Ion Ratio Lower Upper

164 100

162 98.1 79.0 118.6

160 43.9 35.1 52.7

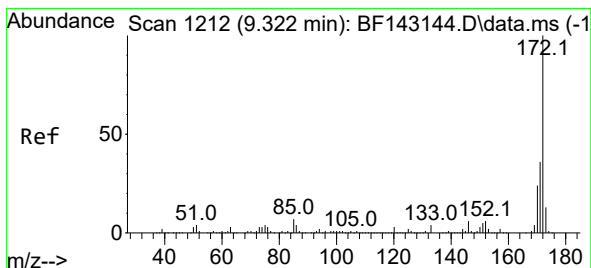
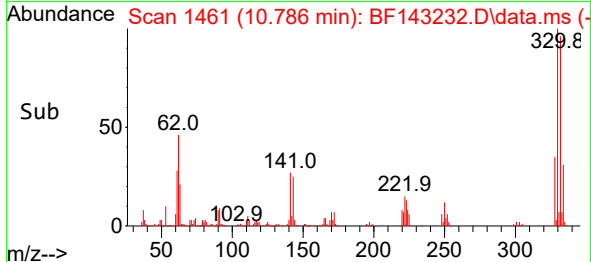
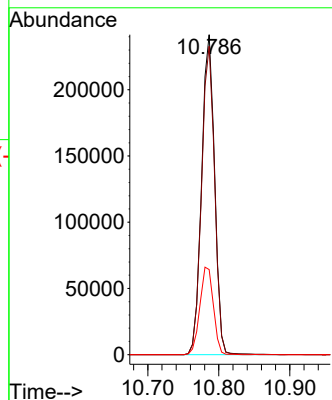
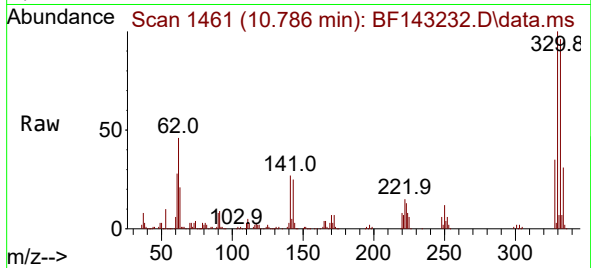




#42
2,4,6-Tribromophenol
Concen: 121.195 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143232.D
Acq: 24 Jul 2025 14:30

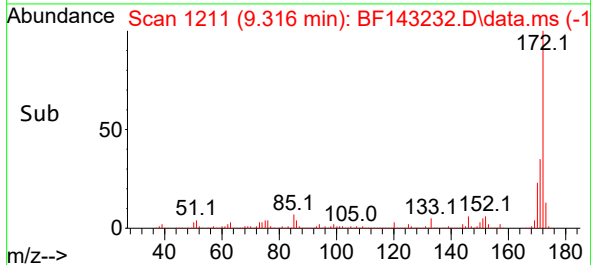
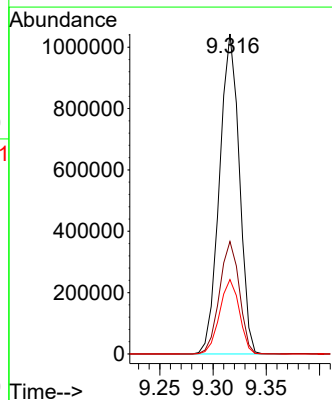
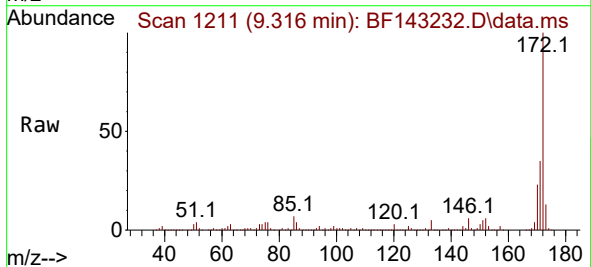
Instrument :
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ClientSampleId :
TP-2

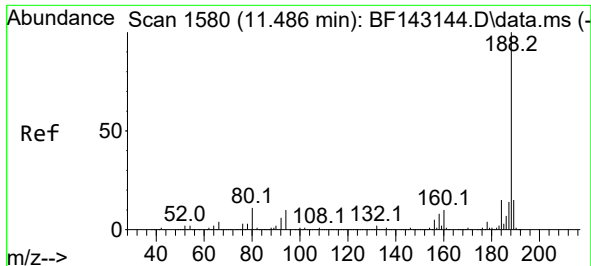
Tgt Ion: 330 Resp: 308125
Ion Ratio Lower Upper
330 100
332 96.7 76.7 115.1
141 28.5 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 74.921 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143232.D
Acq: 24 Jul 2025 14:30

Tgt Ion: 172 Resp: 1348195
Ion Ratio Lower Upper
172 100
171 35.2 28.6 42.8
170 23.2 18.8 28.2

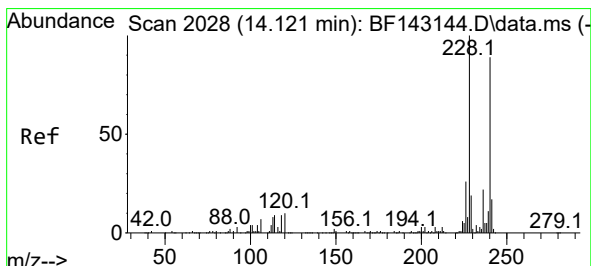
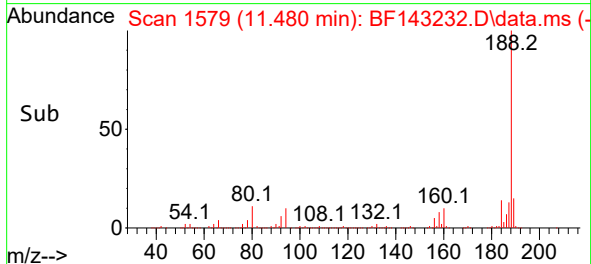
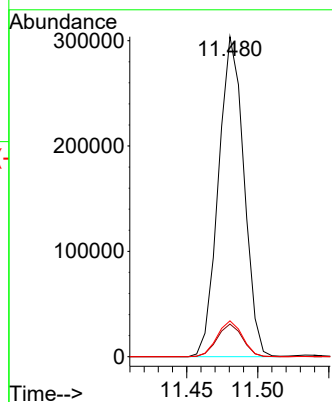
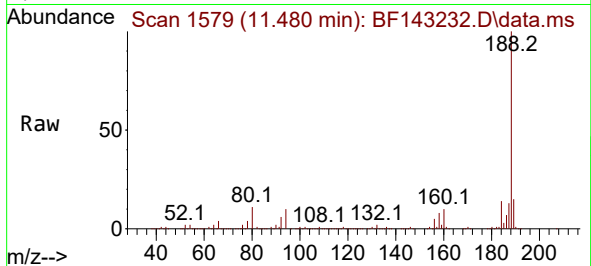




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143232.D
Acq: 24 Jul 2025 14:30

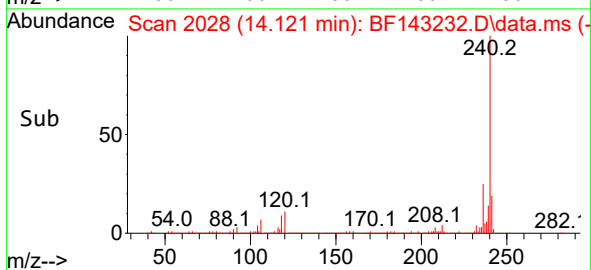
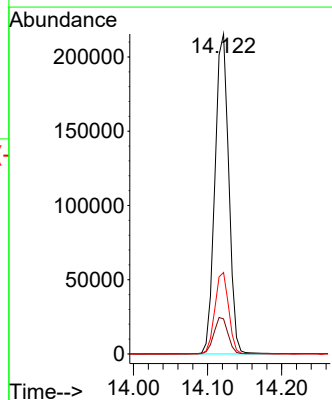
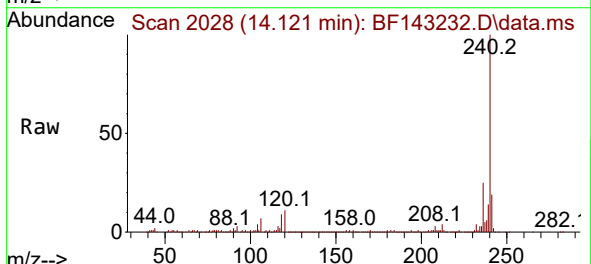
Instrument :
BNA_F
ClientSampleId :
TP-2

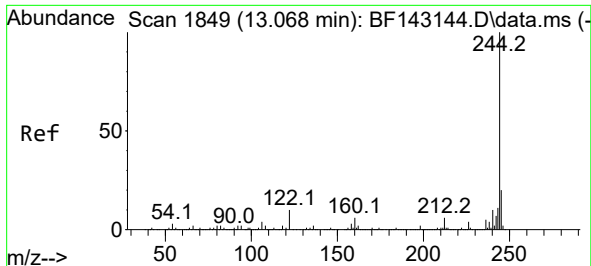
Tgt Ion:188 Resp: 378902
Ion Ratio Lower Upper
188 100
94 10.2 8.3 12.5
80 11.2 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143232.D
Acq: 24 Jul 2025 14:30

Tgt Ion:240 Resp: 279013
Ion Ratio Lower Upper
240 100
120 11.0 9.4 14.2
236 25.5 20.2 30.4

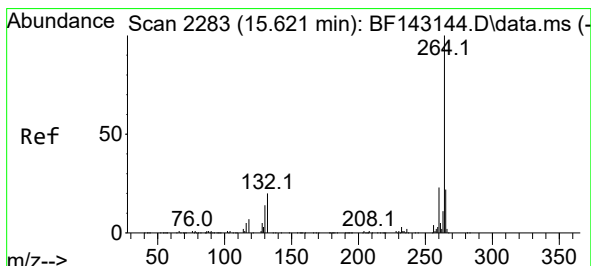
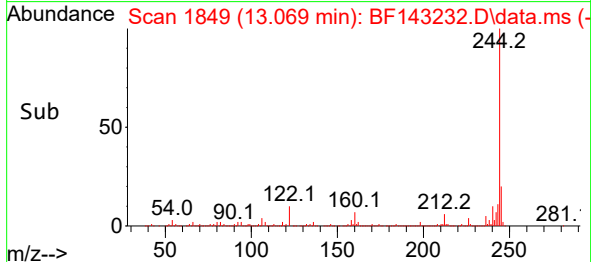
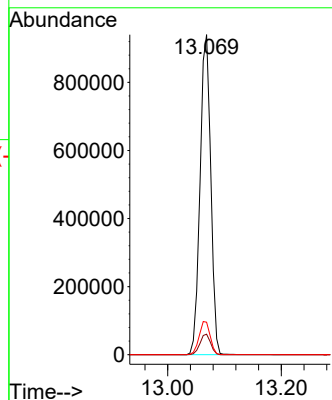
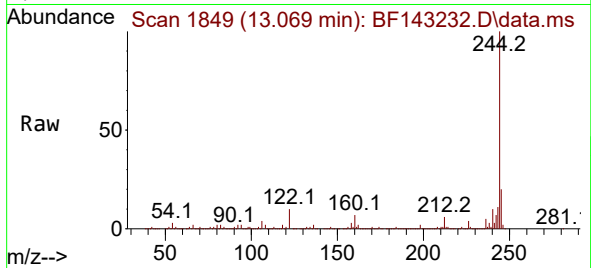




#79
 Terphenyl-d14
 Concen: 65.568 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143232.D
 Acq: 24 Jul 2025 14:30

Instrument :
 BNA_F
 ClientSampleId :
 TP-2

Tgt Ion:244 Resp: 1229362
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.2 7.8
 122 10.2 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.621 min Scan# 2283
 Delta R.T. 0.000 min
 Lab File: BF143232.D
 Acq: 24 Jul 2025 14:30

Tgt Ion:264 Resp: 288304
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.5 27.7
 265 21.3 17.4 26.2

