

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143130.D
 Acq On : 17 Jul 2025 02:04
 Operator : RC/JU
 Sample : Q2571-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-17

Quant Time: Jul 17 03:48:42 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)

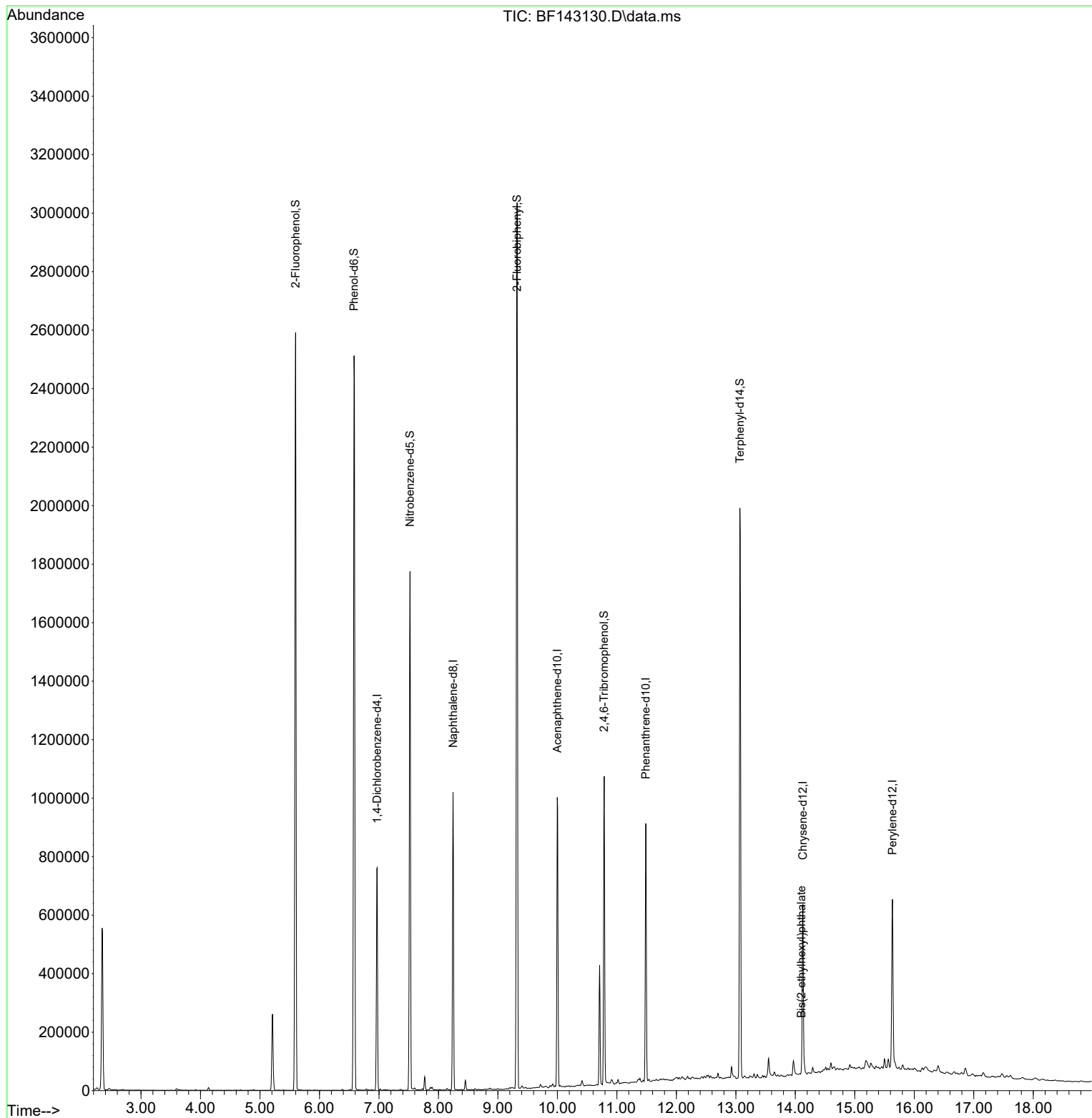
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	158648	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	602383	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	292080	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	430581	20.000	ng	0.00
76) Chrysene-d12	14.127	240	272653	20.000	ng	0.00
86) Perylene-d12	15.633	264	332670	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.598	112	984603	98.054	ng	0.01
7) Phenol-d6	6.581	99	1270205	100.634	ng	0.00
23) Nitrobenzene-d5	7.522	82	774294	72.108	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	167816	64.437	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1341533	61.054	ng	0.00
79) Terphenyl-d14	13.069	244	941680	50.488	ng	0.00
Target Compounds						
84) Bis(2-ethylhexyl)phtha...	14.104	149	1186	3.555	ng	Qvalue # 64

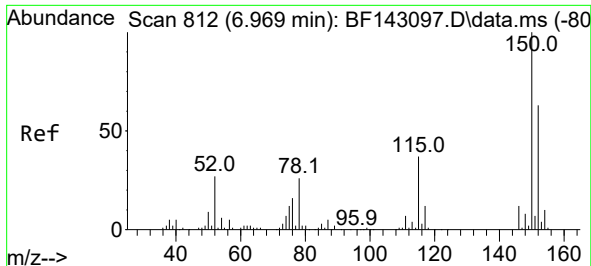
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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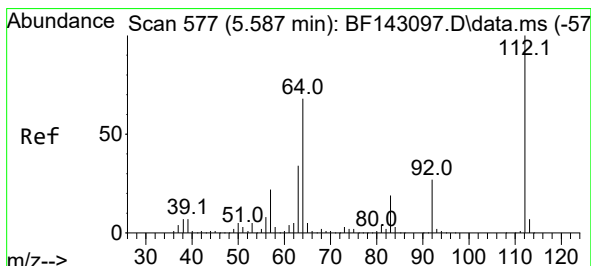
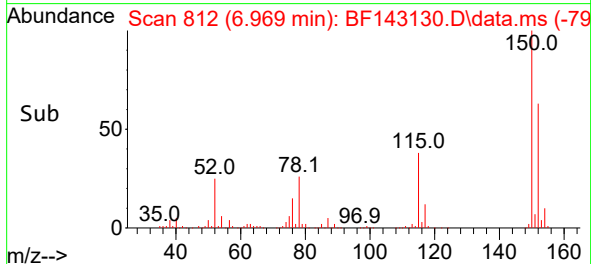
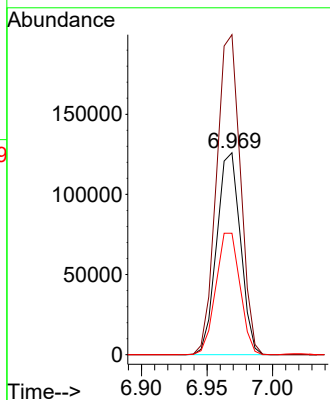
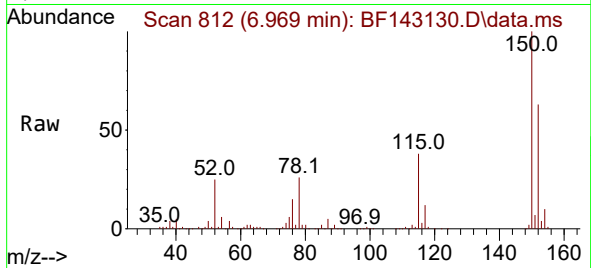




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143130.D
Acq: 17 Jul 2025 02:04

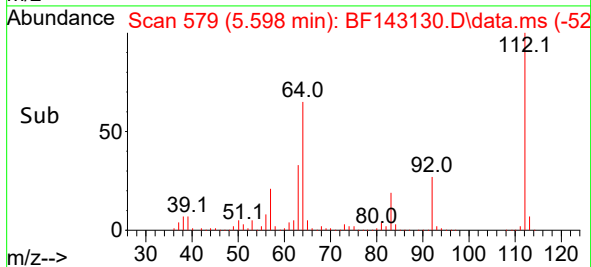
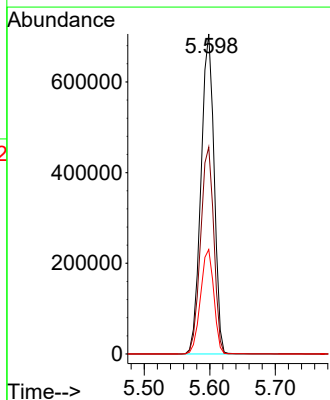
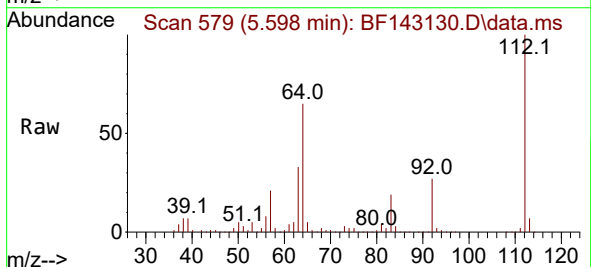
Instrument :
BNA_F
ClientSampleId :
TP-17

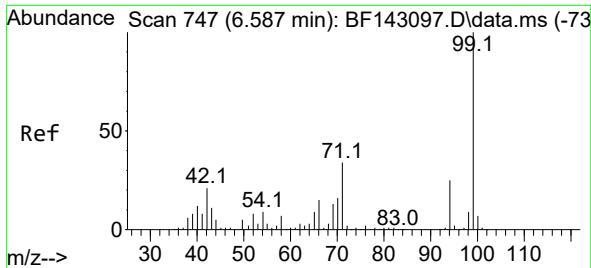
Tgt Ion:152 Resp: 158648
Ion Ratio Lower Upper
152 100
150 158.4 126.5 189.7
115 60.2 47.0 70.6



#5
2-Fluorophenol
Concen: 98.054 ng
RT: 5.598 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF143130.D
Acq: 17 Jul 2025 02:04

Tgt Ion:112 Resp: 984603
Ion Ratio Lower Upper
112 100
64 64.6 54.6 82.0
63 32.6 27.3 40.9

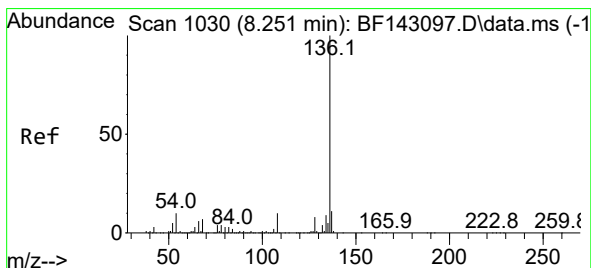
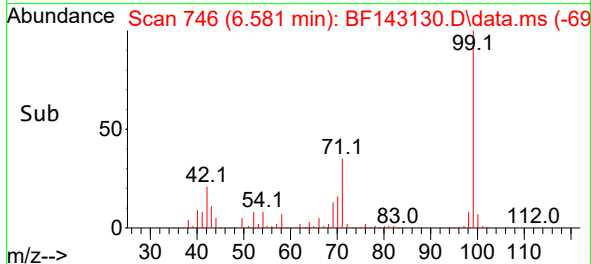
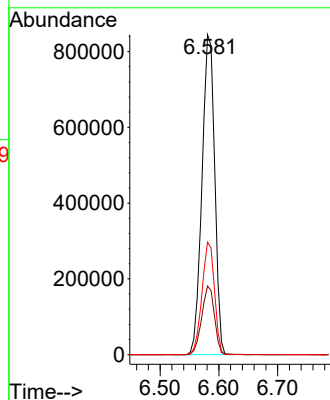
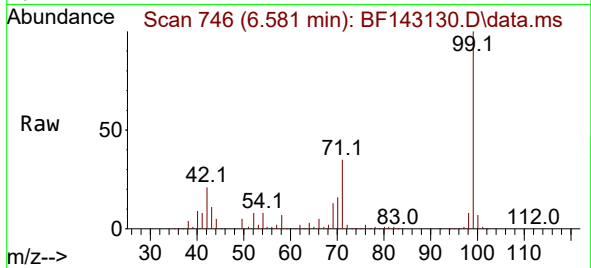




#7
Phenol-d6
Concen: 100.634 ng
RT: 6.581 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143130.D
Acq: 17 Jul 2025 02:04

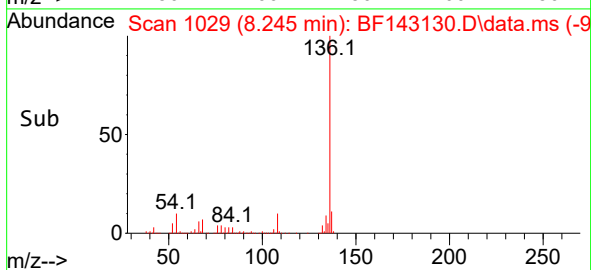
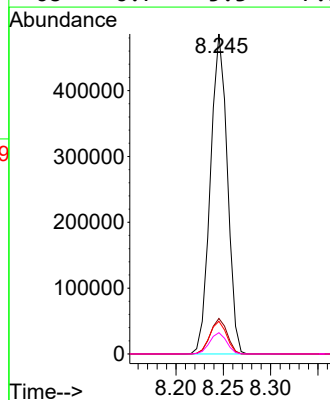
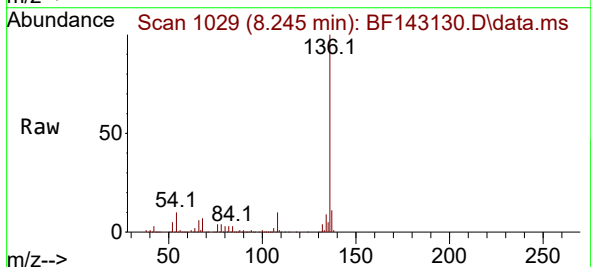
Instrument :
BNA_F
ClientSampleId :
TP-17

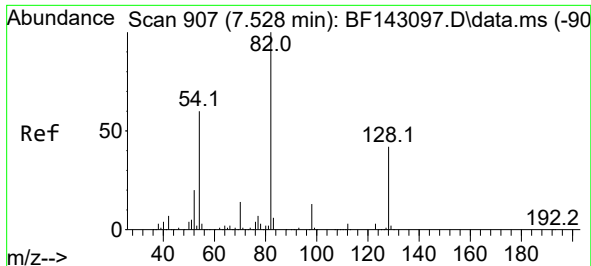
Tgt Ion: 99 Resp: 1270205
Ion Ratio Lower Upper
99 100
42 21.4 17.2 25.8
71 35.2 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143130.D
Acq: 17 Jul 2025 02:04

Tgt Ion: 136 Resp: 602383
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 10.2 8.3 12.5
68 6.7 5.3 7.9





#23

Nitrobenzene-d5

Concen: 72.108 ng

RT: 7.522 min Scan# 907

Delta R.T. -0.006 min

Lab File: BF143130.D

Acq: 17 Jul 2025 02:04

Instrument :

BNA_F

ClientSampleId :

TP-17

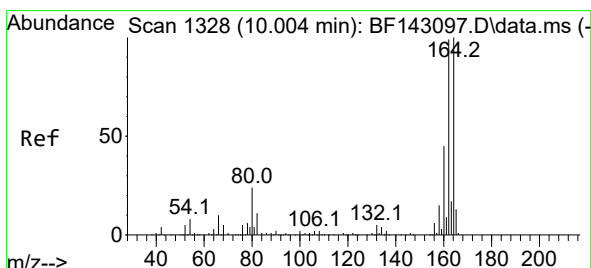
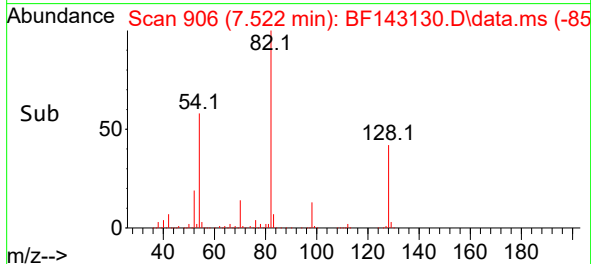
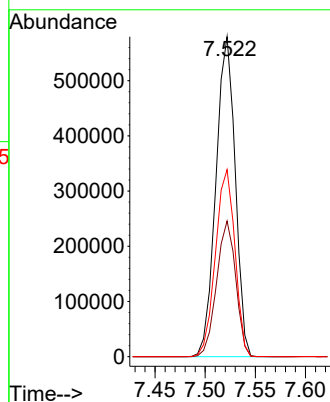
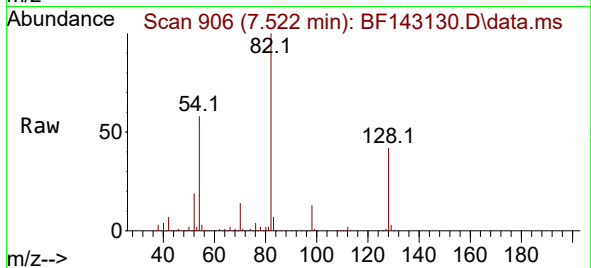
Tgt Ion: 82 Resp: 774294

Ion Ratio Lower Upper

82 100

128 42.4 33.3 49.9

54 58.4 47.4 71.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.998 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF143130.D

Acq: 17 Jul 2025 02:04

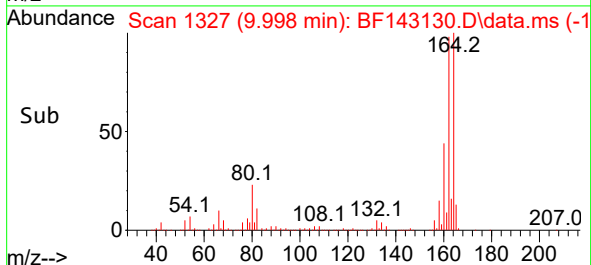
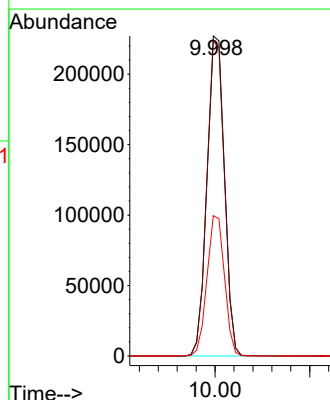
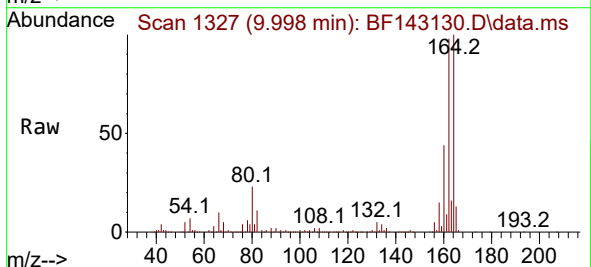
Tgt Ion:164 Resp: 292080

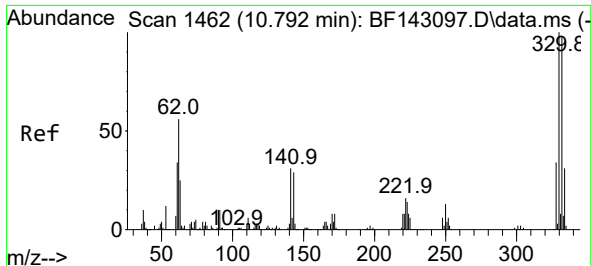
Ion Ratio Lower Upper

164 100

162 98.4 79.0 118.6

160 43.9 35.8 53.6

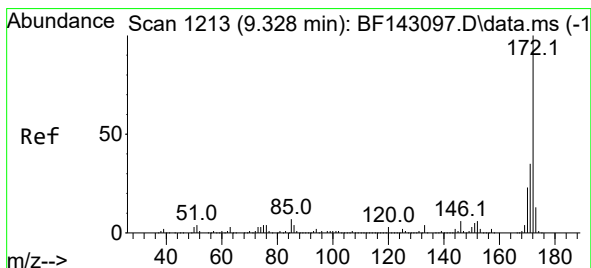
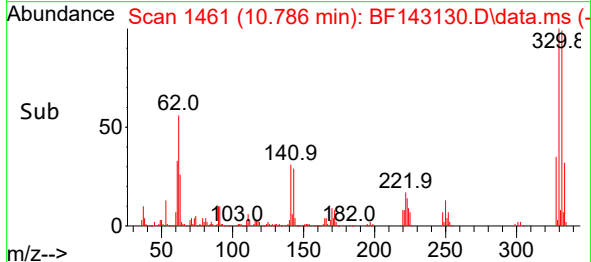
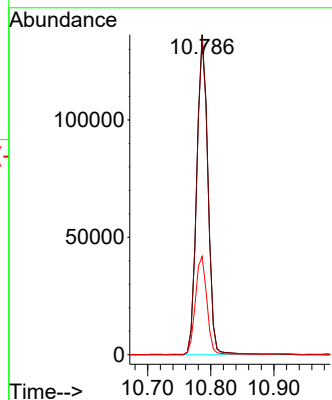
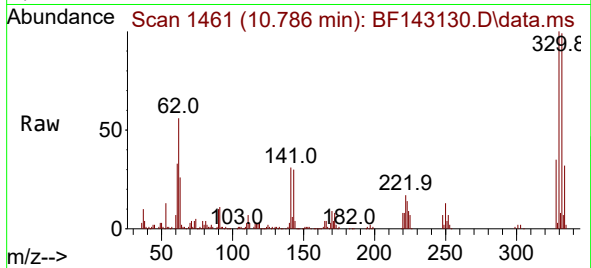




#42
2,4,6-Tribromophenol
Concen: 64.437 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143130.D
Acq: 17 Jul 2025 02:04

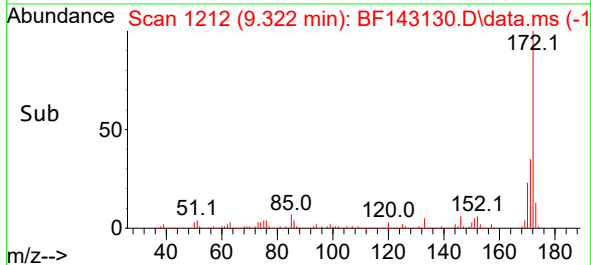
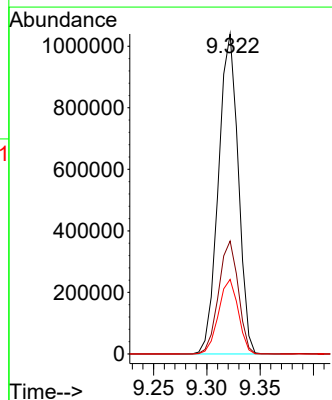
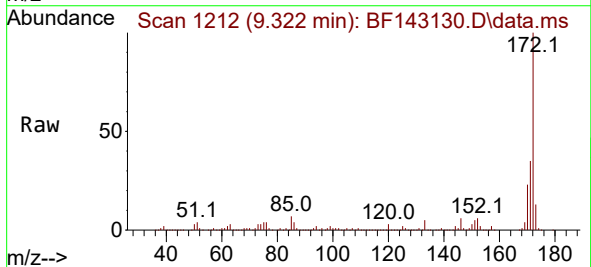
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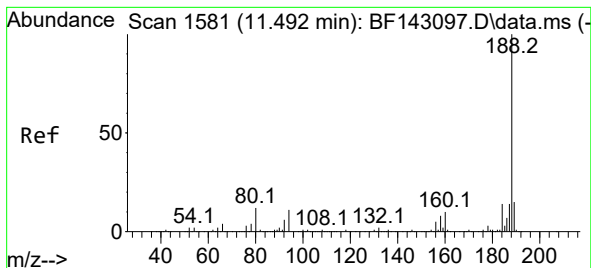
Tgt Ion:330 Resp: 167816
Ion Ratio Lower Upper
330 100
332 98.6 77.9 116.9
141 31.7 25.9 38.9



#45
2-Fluorobiphenyl
Concen: 61.054 ng
RT: 9.322 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF143130.D
Acq: 17 Jul 2025 02:04

Tgt Ion:172 Resp: 1341533
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.486 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143130.D

Acq: 17 Jul 2025 02:04

Instrument :

BNA_F

ClientSampleId :

TP-17

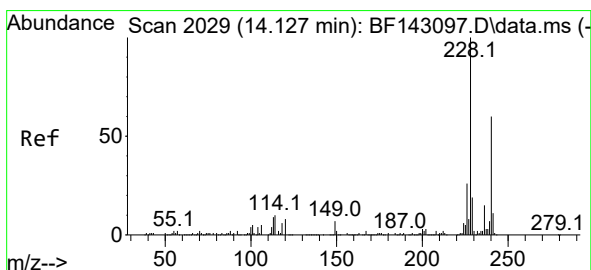
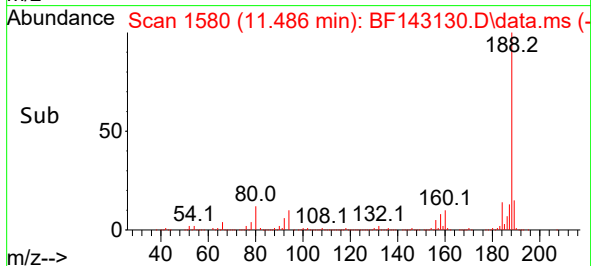
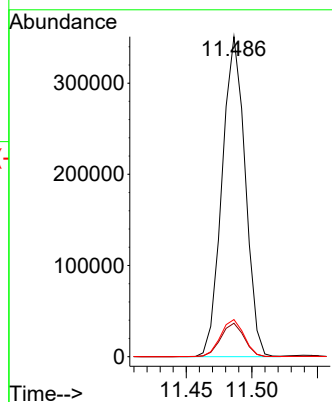
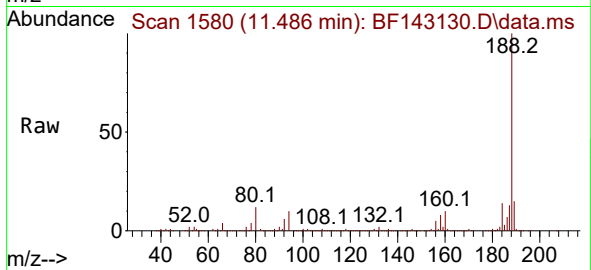
Tgt Ion:188 Resp: 430581

Ion Ratio Lower Upper

188 100

94 10.4 8.6 13.0

80 11.6 9.3 13.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.127 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF143130.D

Acq: 17 Jul 2025 02:04

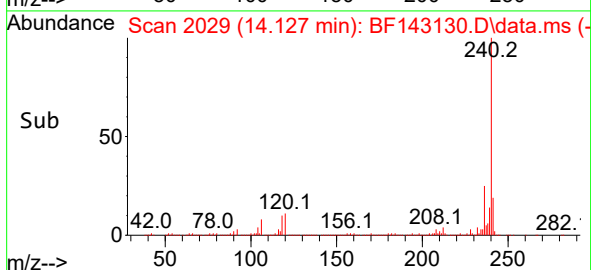
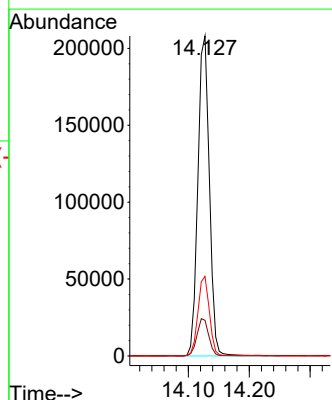
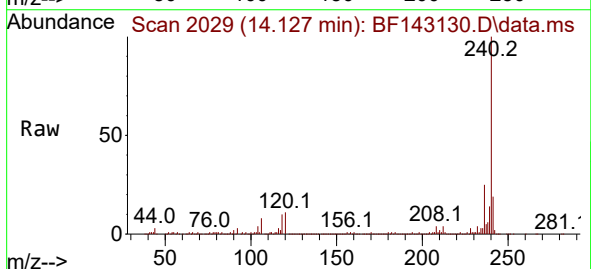
Tgt Ion:240 Resp: 272653

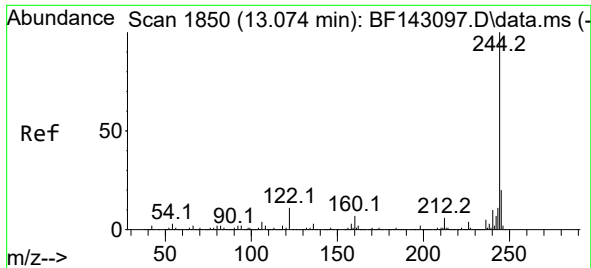
Ion Ratio Lower Upper

240 100

120 11.2 10.0 15.0

236 24.9 20.0 30.0

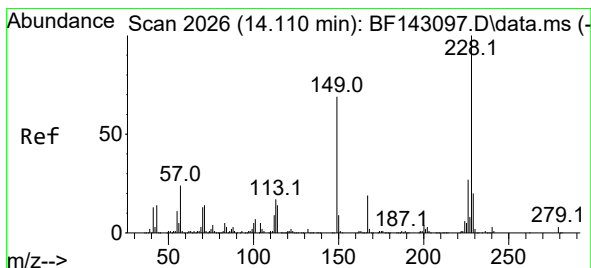
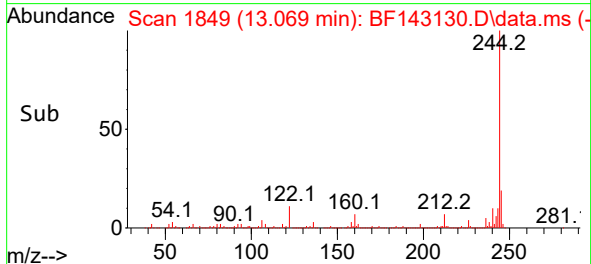
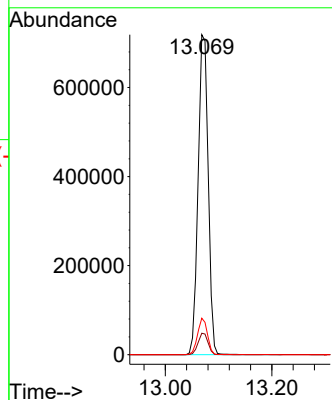
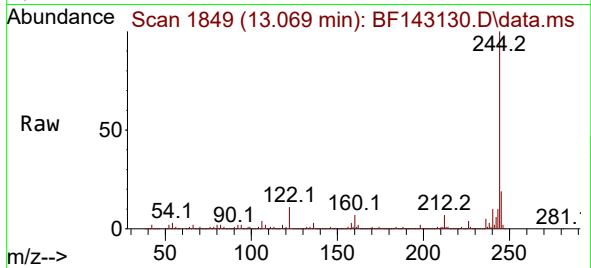




#79
 Terphenyl-d14
 Concen: 50.488 ng
 RT: 13.069 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143130.D
 Acq: 17 Jul 2025 02:04

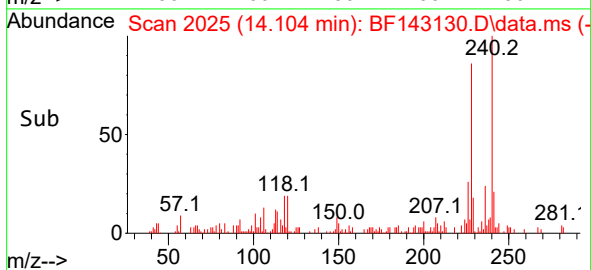
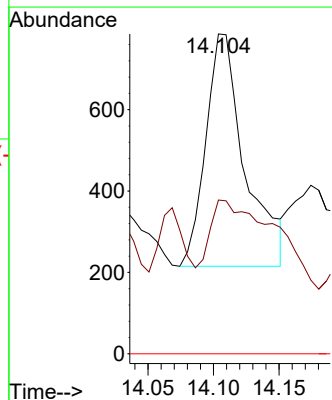
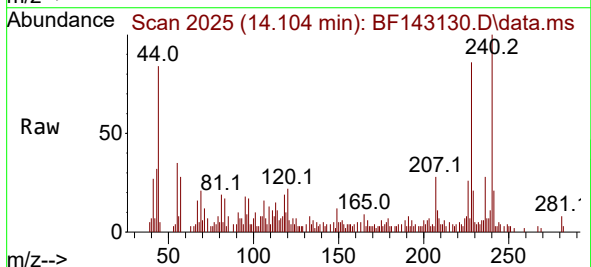
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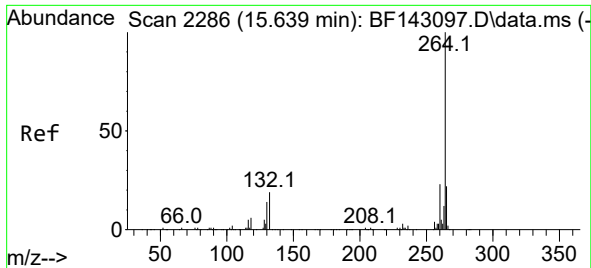
Tgt Ion:244 Resp: 941680
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.2 7.8
 122 11.4 8.8 13.2



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 3.555 ng
 RT: 14.104 min Scan# 2025
 Delta R.T. -0.006 min
 Lab File: BF143130.D
 Acq: 17 Jul 2025 02:04

Tgt Ion:149 Resp: 1186
 Ion Ratio Lower Upper
 149 100
 167 48.1 21.9 32.9#
 279 0.0 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: BF143130.D
 Acq: 17 Jul 2025 02:04

Instrument :
 BNA_F
 ClientSampleId :
 TP-17

Tgt Ion:264 Resp: 332670
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.5 27.7
 265 21.4 17.5 26.3

