

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
 Data File : BF143128.D
 Acq On : 17 Jul 2025 01:05
 Operator : RC/JU
 Sample : Q2605-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VB15061

Quant Time: Jul 17 03:48:13 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)

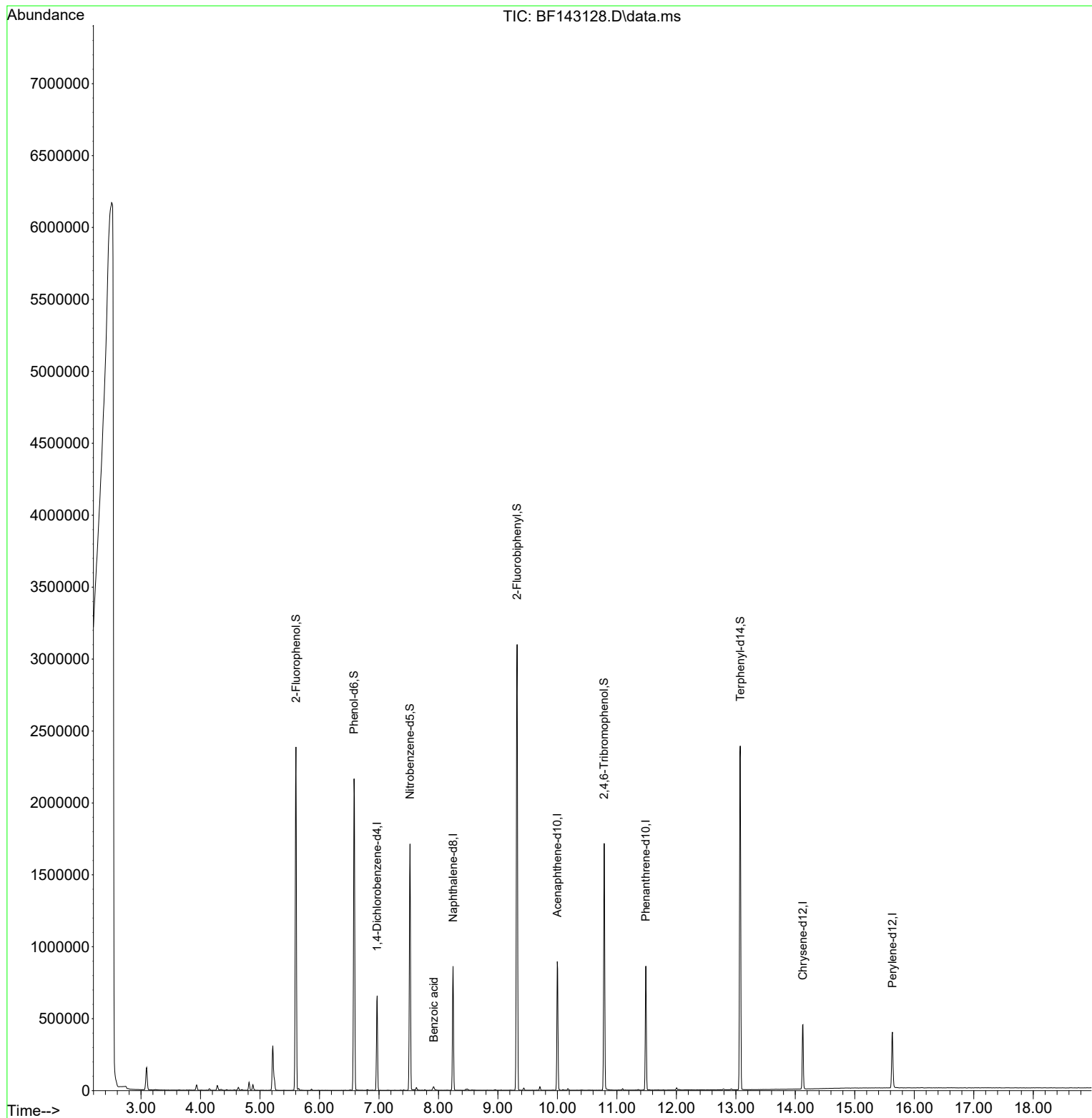
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	136482	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	512647	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	259429	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	420277	20.000	ng	0.00
76) Chrysene-d12	14.127	240	222515	20.000	ng	0.00
86) Perylene-d12	15.633	264	225964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	885328	102.487	ng	0.02
7) Phenol-d6	6.581	99	1029486	94.809	ng	0.00
23) Nitrobenzene-d5	7.522	82	742012	81.197	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	291528	126.028	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1396788	71.570	ng	0.00
79) Terphenyl-d14	13.074	244	1169731	76.845	ng	0.00
Target Compounds						
32) Benzoic acid	7.922	122	8881	8.400	ng	Qvalue 94

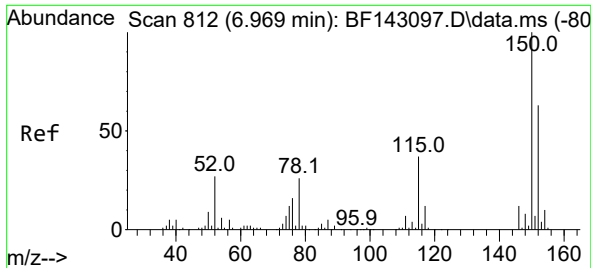
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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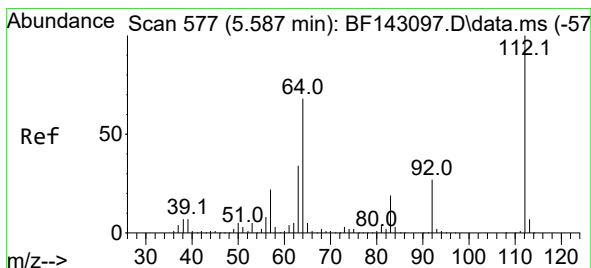
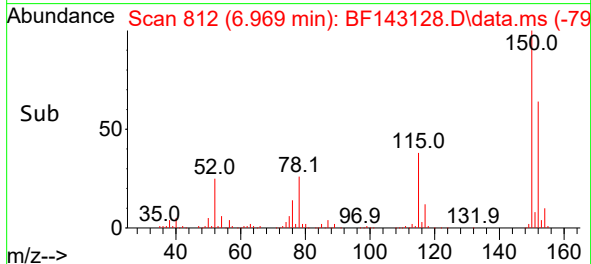
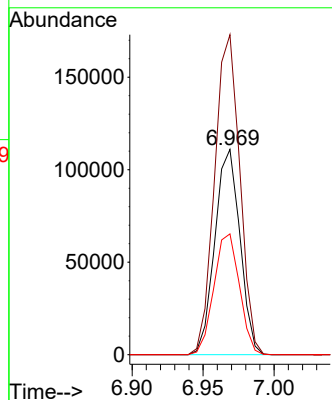
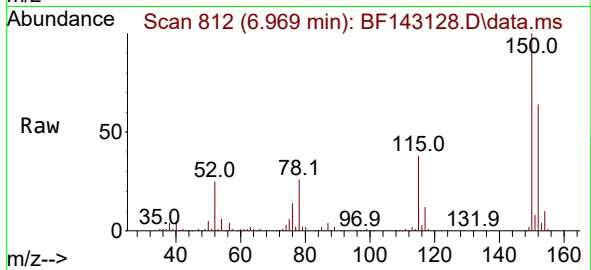




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.969 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

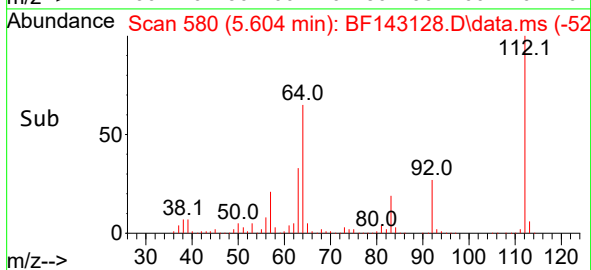
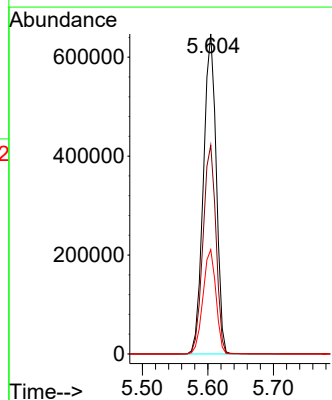
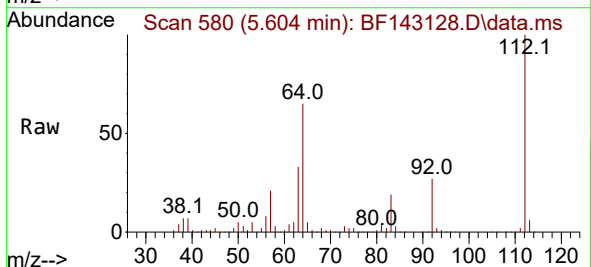
Instrument :
BNA_F
ClientSampleId :
VB15061

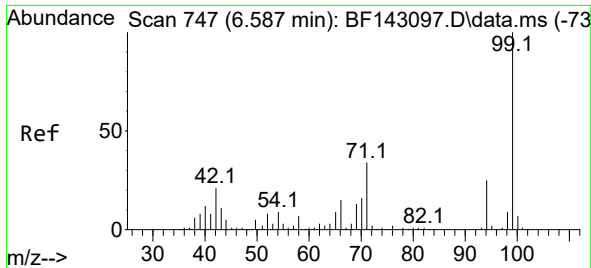
Tgt Ion:152 Resp: 136482
Ion Ratio Lower Upper
152 100
150 155.9 126.5 189.7
115 58.8 47.0 70.6



#5
2-Fluorophenol
Concen: 102.487 ng
RT: 5.604 min Scan# 580
Delta R.T. 0.018 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Tgt Ion:112 Resp: 885328
Ion Ratio Lower Upper
112 100
64 65.2 54.6 82.0
63 32.6 27.3 40.9

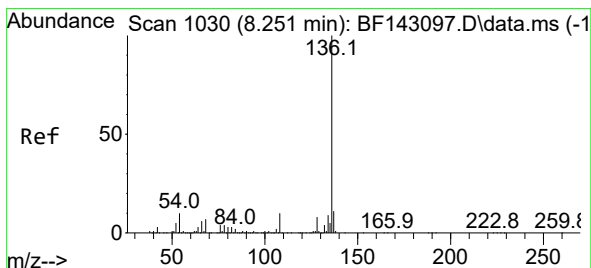
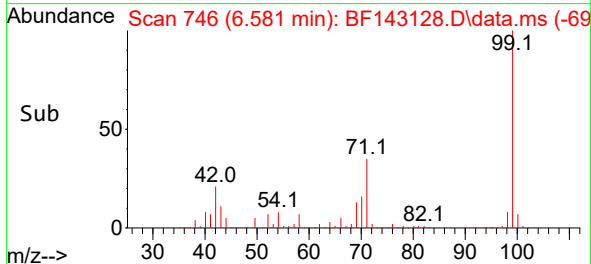
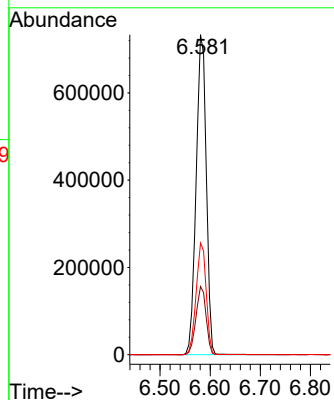
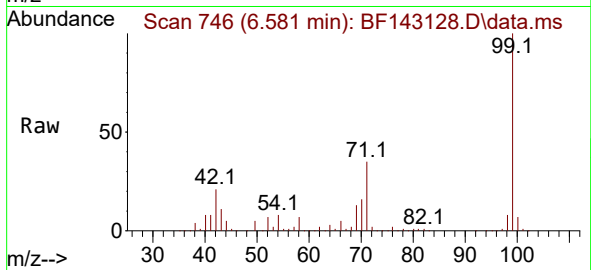




#7
Phenol-d6
Concen: 94.809 ng
RT: 6.581 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

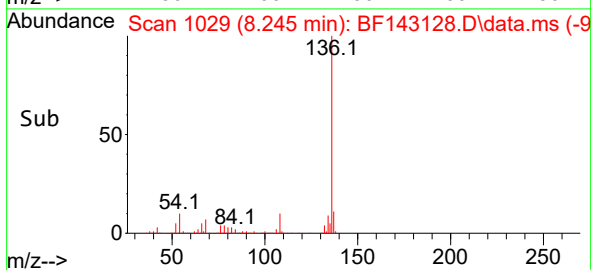
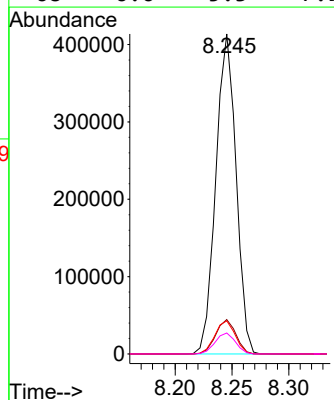
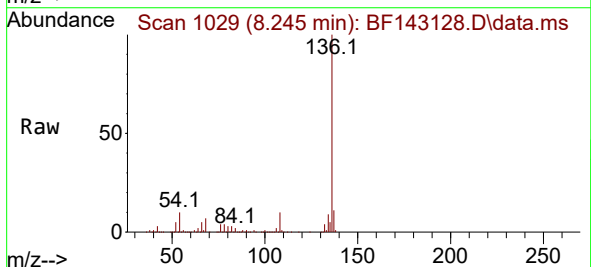
Instrument :
BNA_F
ClientSampleId :
VB15061

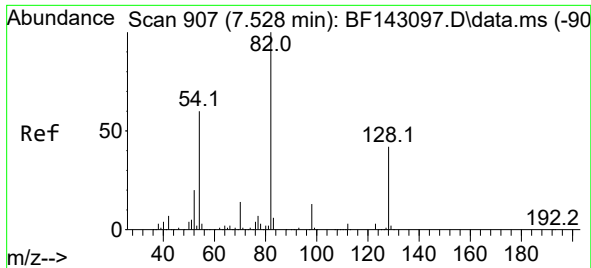
Tgt Ion: 99 Resp: 1029486
Ion Ratio Lower Upper
99 100
42 21.3 17.2 25.8
71 34.9 27.4 41.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Tgt Ion: 136 Resp: 512647
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 10.3 8.3 12.5
68 6.6 5.3 7.9

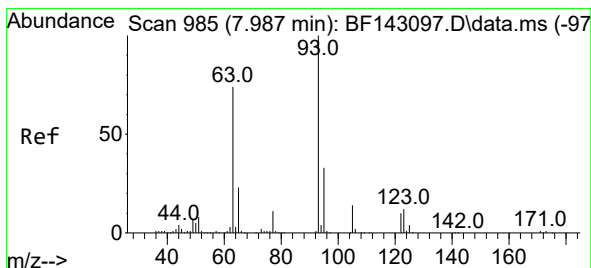
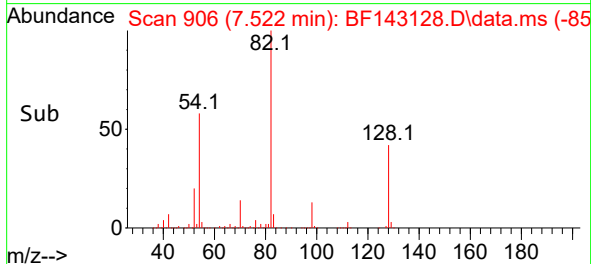
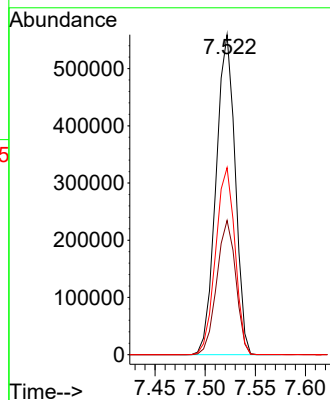
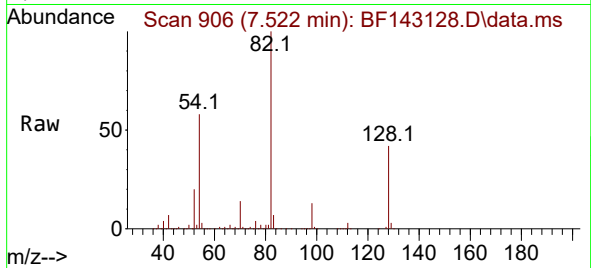




#23
Nitrobenzene-d5
Concen: 81.197 ng
RT: 7.522 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

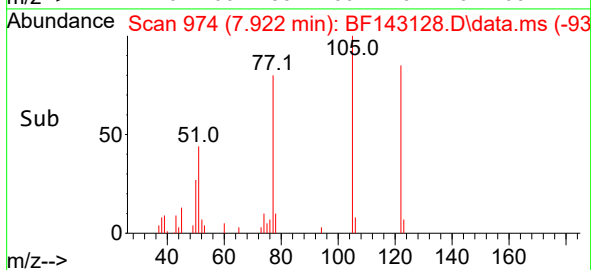
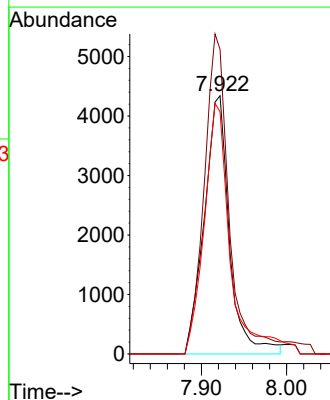
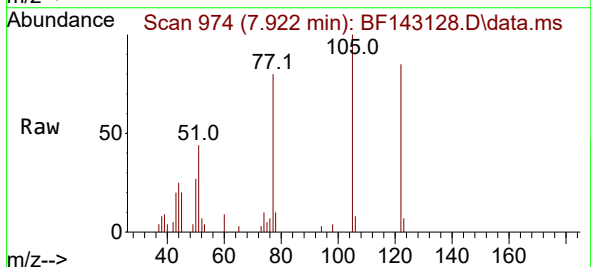
Instrument :
BNA_F
ClientSampleId :
VB15061

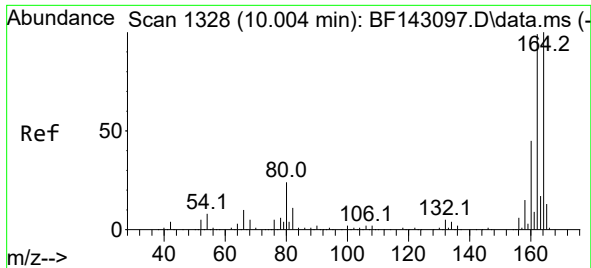
Tgt Ion: 82 Resp: 742012
Ion Ratio Lower Upper
82 100
128 42.0 33.3 49.9
54 58.4 47.4 71.2



#32
Benzoic acid
Concen: 8.400 ng
RT: 7.922 min Scan# 974
Delta R.T. -0.065 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Tgt Ion: 122 Resp: 8881
Ion Ratio Lower Upper
122 100
105 117.9 105.4 145.4
77 93.8 78.6 118.6

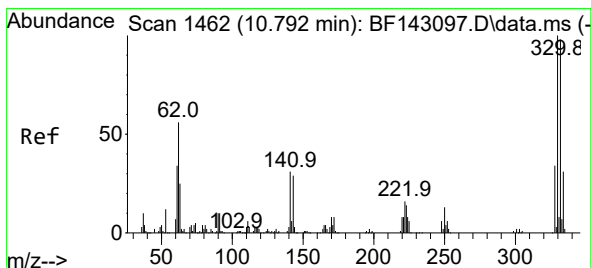
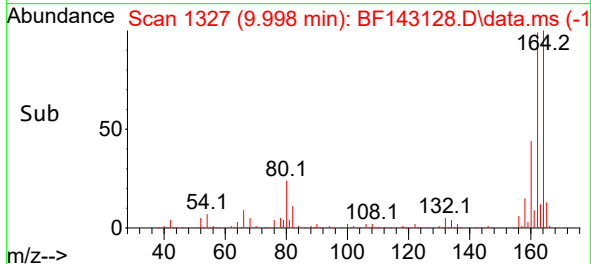
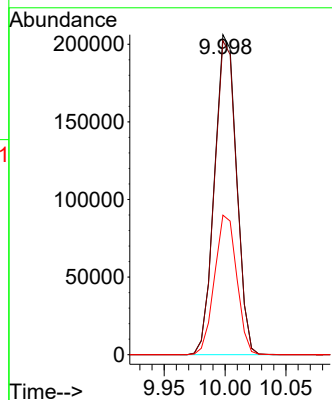
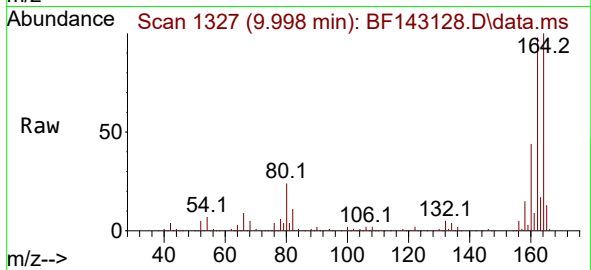




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

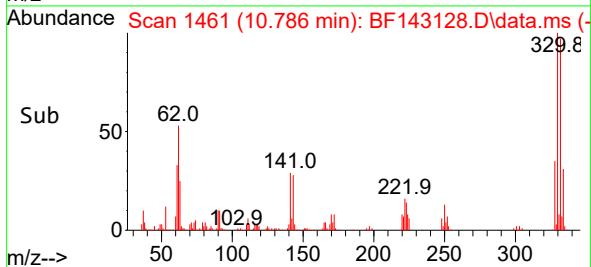
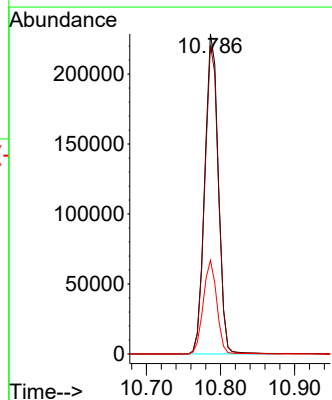
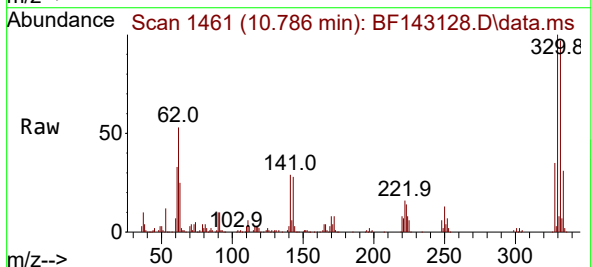
Instrument :
BNA_F
ClientSampleId :
VB15061

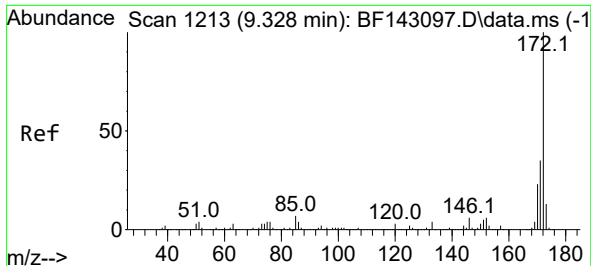
Tgt Ion:164 Resp: 259429
Ion Ratio Lower Upper
164 100
162 98.1 79.0 118.6
160 43.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 126.028 ng
RT: 10.786 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

Tgt Ion:330 Resp: 291528
Ion Ratio Lower Upper
330 100
332 96.7 77.9 116.9
141 29.1 25.9 38.9





#45

2-Fluorobiphenyl

Concen: 71.570 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143128.D

Acq: 17 Jul 2025 01:05

Instrument :

BNA_F

ClientSampleId :

VB15061

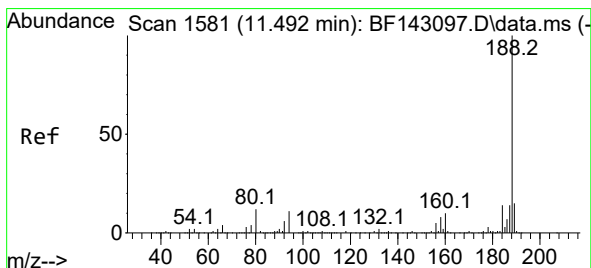
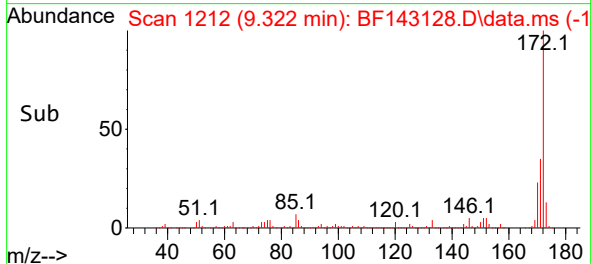
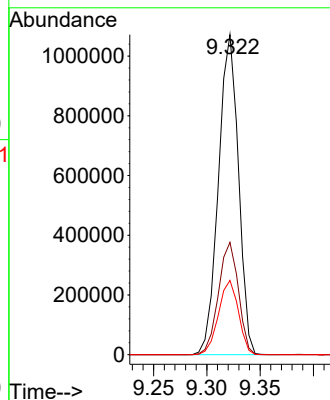
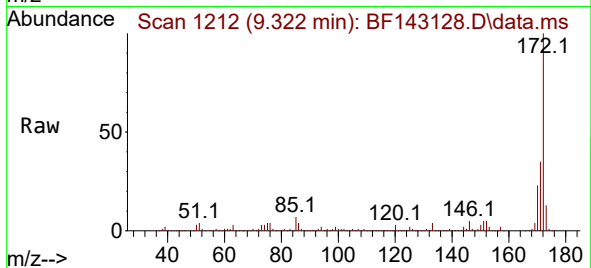
Tgt Ion:172 Resp: 1396788

Ion Ratio Lower Upper

172 100

171 35.1 28.2 42.4

170 23.2 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: BF143128.D

Acq: 17 Jul 2025 01:05

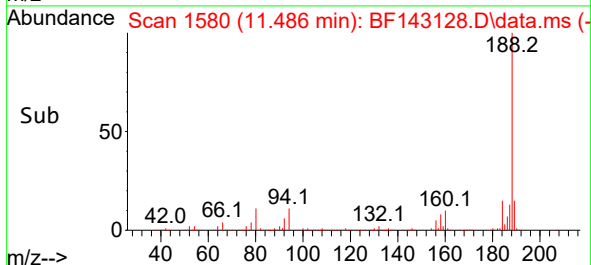
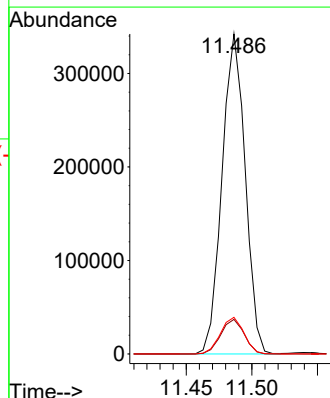
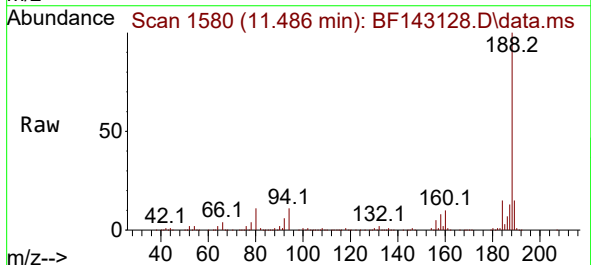
Tgt Ion:188 Resp: 420277

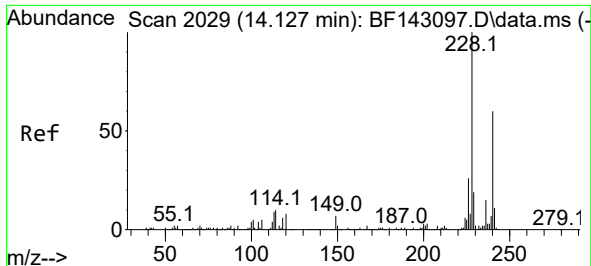
Ion Ratio Lower Upper

188 100

94 10.8 8.6 13.0

80 11.4 9.3 13.9

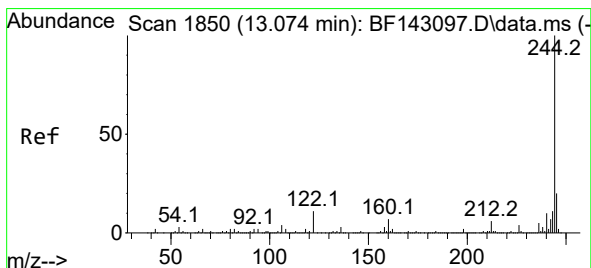
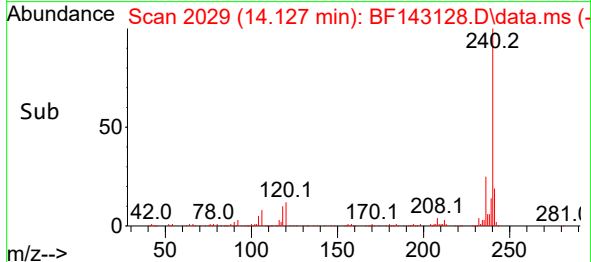
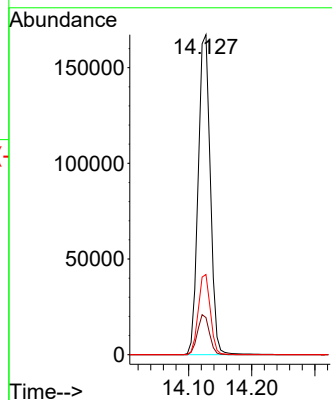
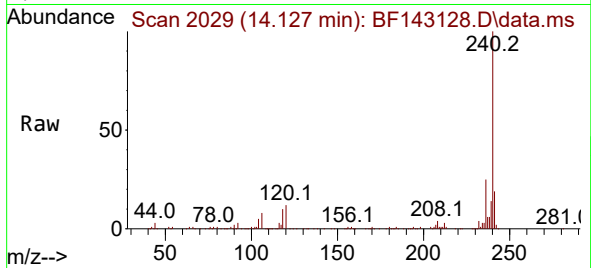




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.127 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

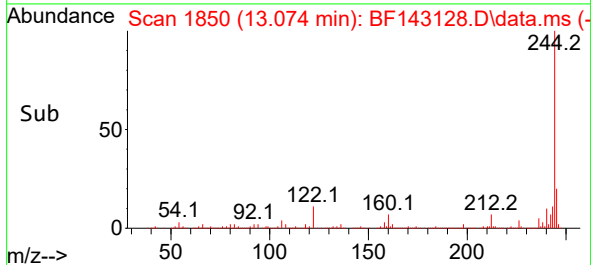
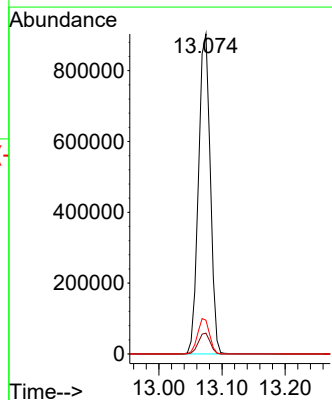
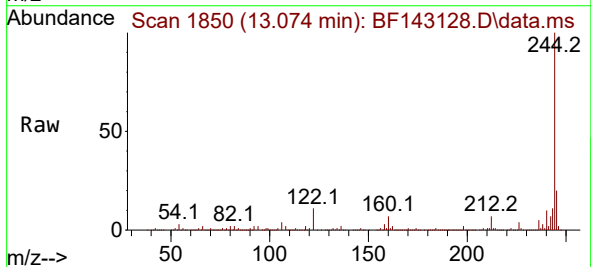
Instrument :
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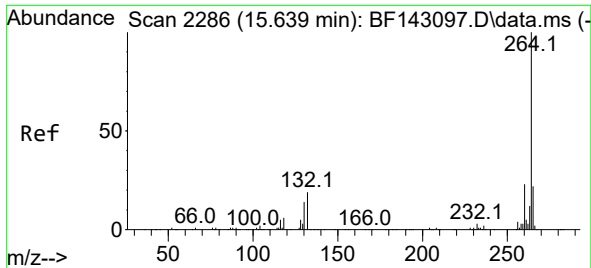
Tgt Ion:240 Resp: 222515
Ion Ratio Lower Upper
240 100
120 11.6 10.0 15.0
236 25.0 20.0 30.0



#79
Terphenyl-d14
Concen: 76.845 ng
RT: 13.074 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BF143128.D
Acq: 17 Jul 2025 01:05

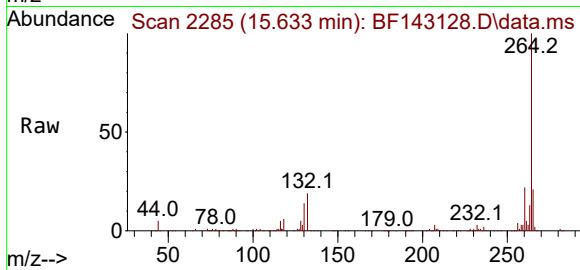
Tgt Ion:244 Resp: 1169731
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 10.5 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.633 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF143128.D
 Acq: 17 Jul 2025 01:05

Instrument :
 BNA_F
 ClientSampleId :
 VB15061



Tgt Ion:264 Resp: 225964
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.5 27.7
 265 21.4 17.5 26.3

