

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143285.D
 Acq On : 01 Aug 2025 16:32
 Operator : RC/JU
 Sample : Q2728-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 7211931-VNJ240

Quant Time: Aug 01 16:53:38 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	114862	20.000	ng	0.00
21) Naphthalene-d8	8.240	136	488603	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	201817	20.000	ng	0.00
64) Phenanthrene-d10	11.481	188	339717	20.000	ng	0.00
76) Chrysene-d12	14.122	240	209068	20.000	ng	0.00
86) Perylene-d12	15.627	264	218191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.604	112	871173	120.022	ng	0.02
7) Phenol-d6	6.587	99	904476	99.001	ng	0.00
23) Nitrobenzene-d5	7.516	82	705588	71.984	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	278535	133.597	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1365335	92.523	ng	0.00
79) Terphenyl-d14	13.069	244	1251587	89.086	ng	0.00

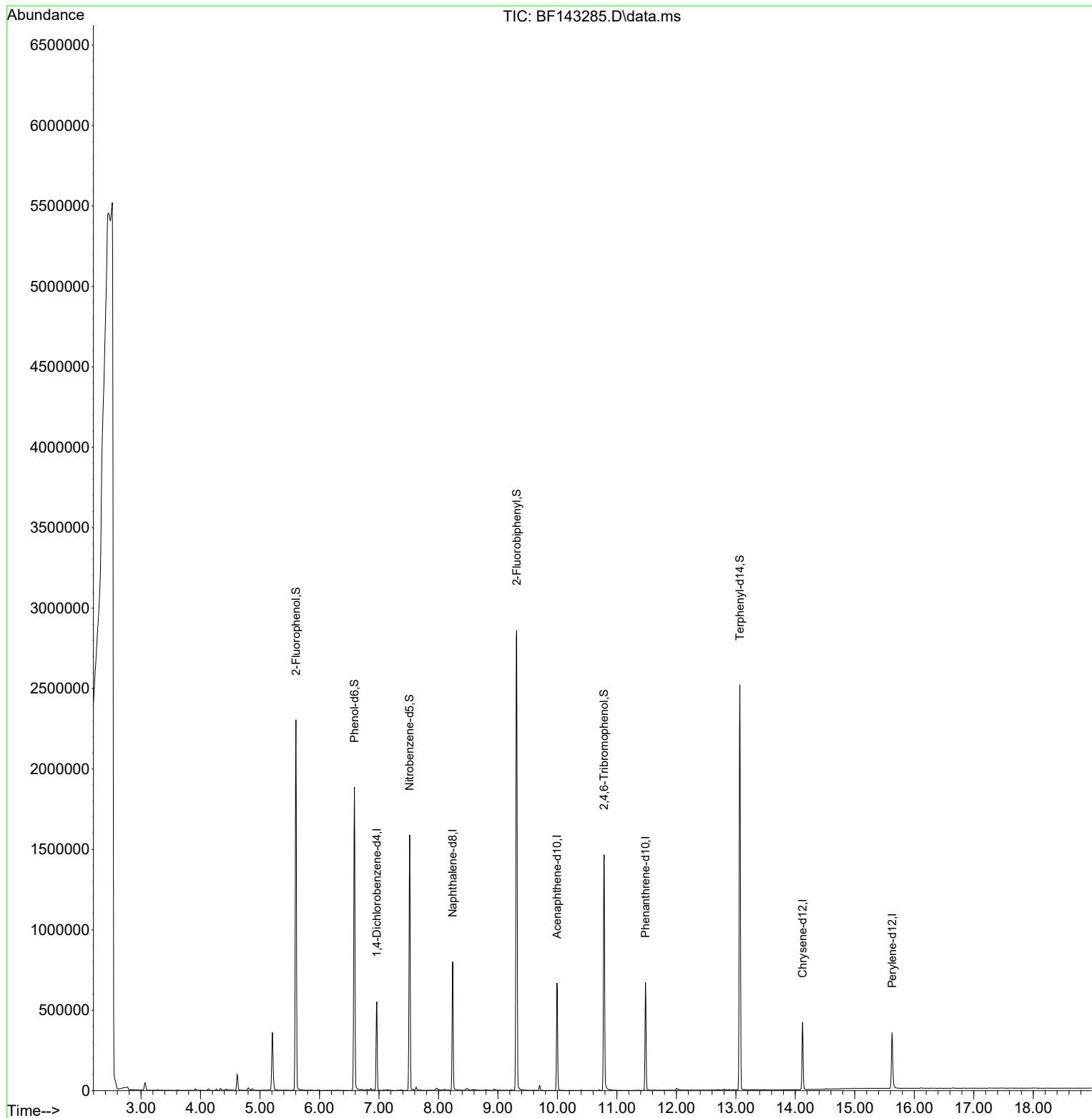
Target Compounds	Qvalue

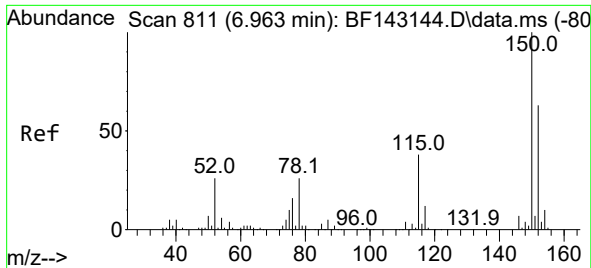
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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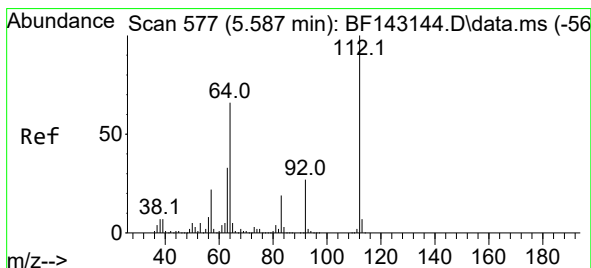
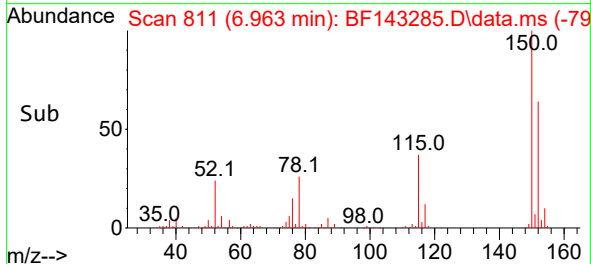
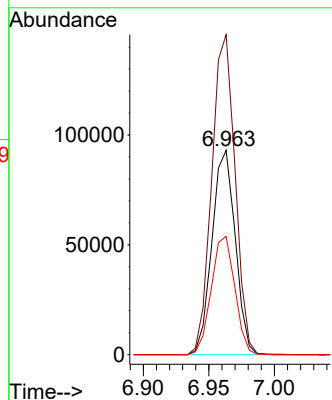
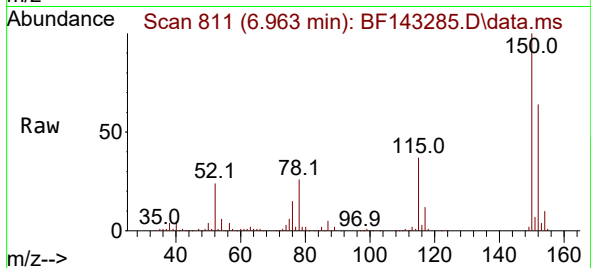




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.963 min Scan# 811
 Delta R.T. 0.000 min
 Lab File: BF143285.D
 Acq: 01 Aug 2025 16:32

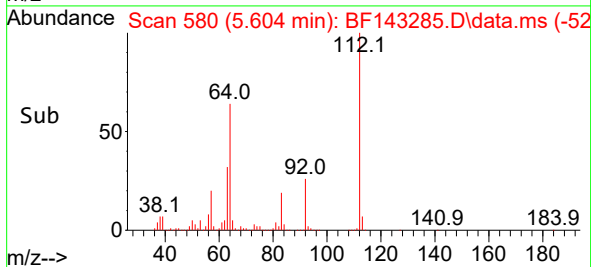
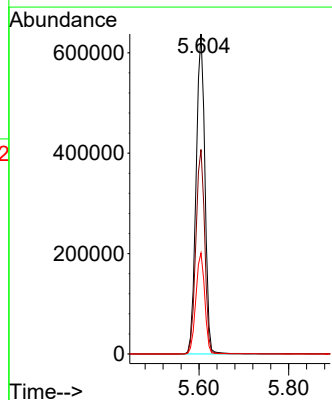
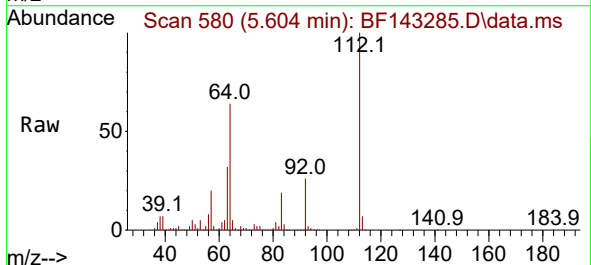
Instrument :
 BNA_F
 ClientSampleId :
 7211931-VNJ240

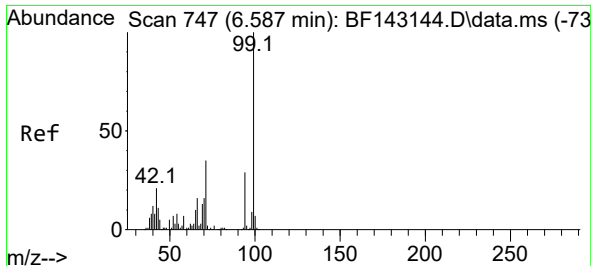
Tgt Ion:152 Resp: 114862
 Ion Ratio Lower Upper
 152 100
 150 156.7 128.2 192.4
 115 57.9 47.9 71.9



#5
 2-Fluorophenol
 Concen: 120.022 ng
 RT: 5.604 min Scan# 580
 Delta R.T. 0.018 min
 Lab File: BF143285.D
 Acq: 01 Aug 2025 16:32

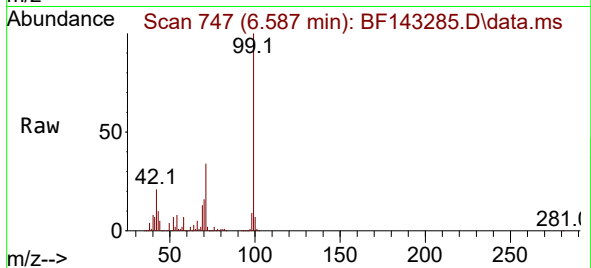
Tgt Ion:112 Resp: 871173
 Ion Ratio Lower Upper
 112 100
 64 63.9 53.1 79.7
 63 31.6 26.6 40.0



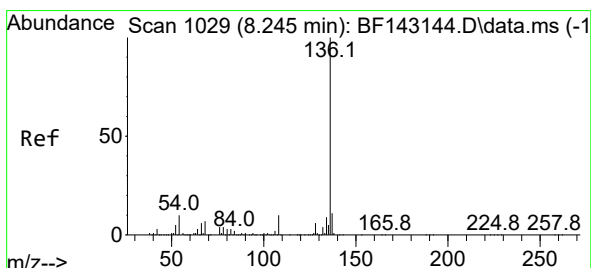
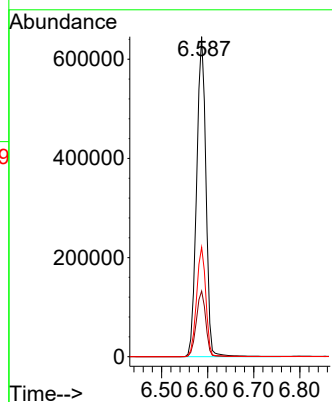
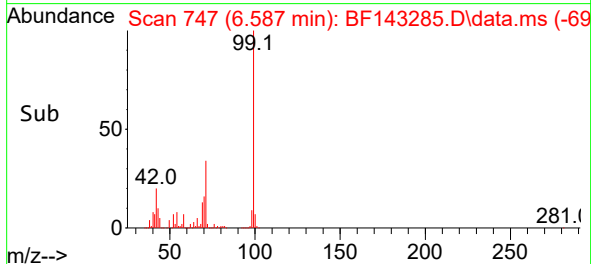


#7
Phenol-d6
Concen: 99.001 ng
RT: 6.587 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF143285.D
Acq: 01 Aug 2025 16:32

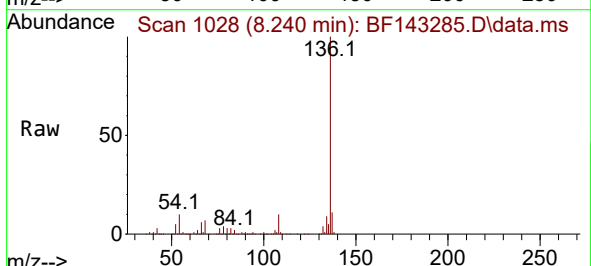
Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240



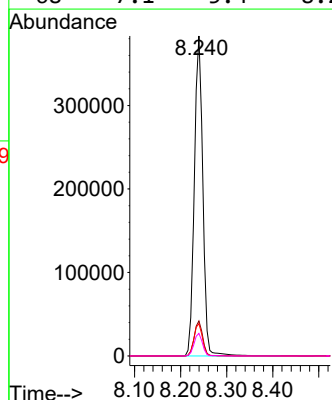
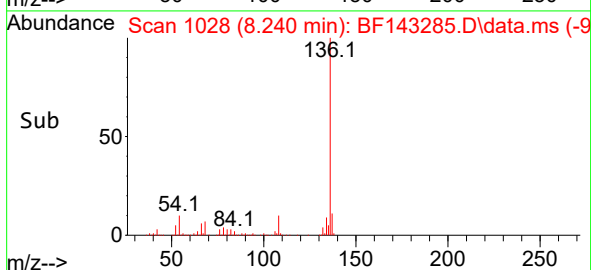
Tgt Ion: 99 Resp: 904476
Ion Ratio Lower Upper
99 100
42 20.5 17.0 25.6
71 34.2 27.7 41.5

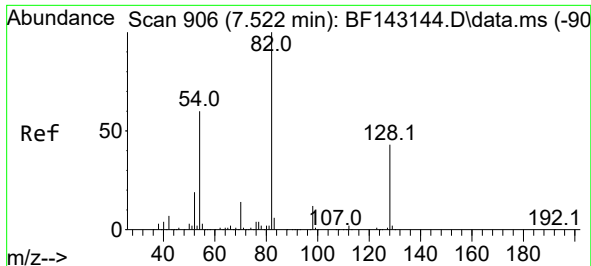


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.240 min Scan# 1028
Delta R.T. -0.005 min
Lab File: BF143285.D
Acq: 01 Aug 2025 16:32



Tgt Ion: 136 Resp: 488603
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 10.1 8.2 12.2
68 7.1 5.4 8.2





#23

Nitrobenzene-d5

Concen: 71.984 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143285.D

Acq: 01 Aug 2025 16:32

Instrument :

BNA_F

ClientSampleId :

7211931-VNJ240

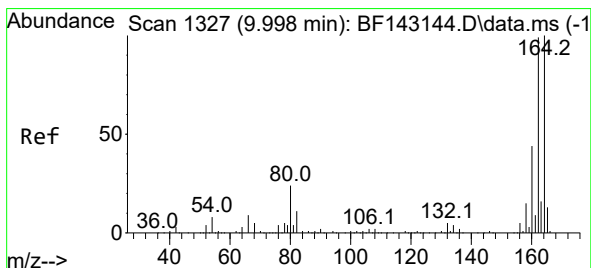
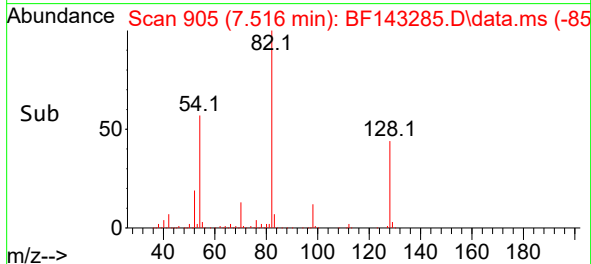
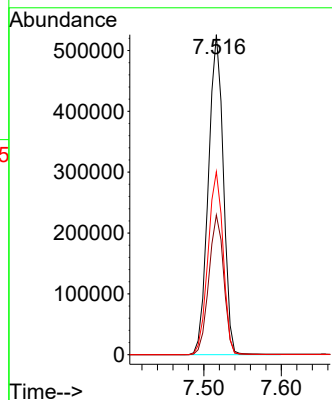
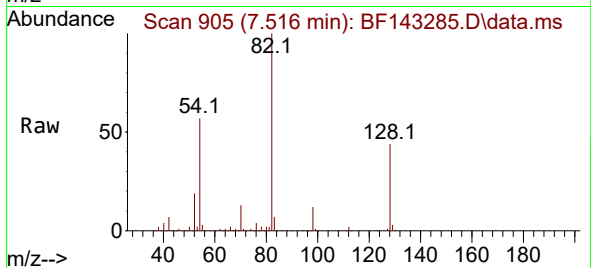
Tgt Ion: 82 Resp: 705588

Ion Ratio Lower Upper

82 100

128 43.6 33.6 50.4

54 57.1 47.1 70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1326

Delta R.T. -0.006 min

Lab File: BF143285.D

Acq: 01 Aug 2025 16:32

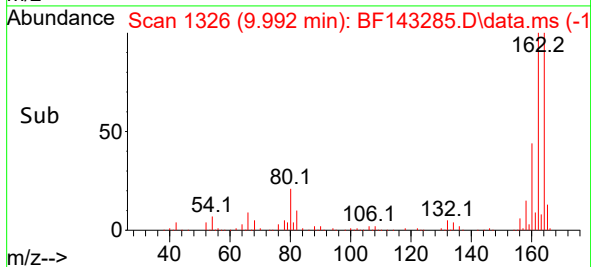
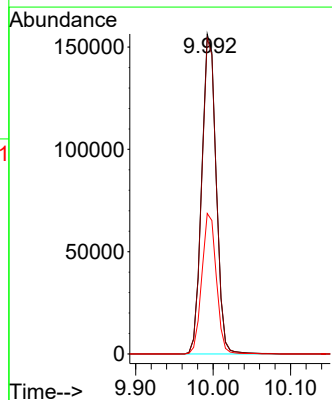
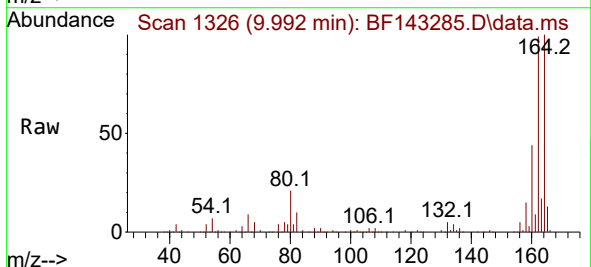
Tgt Ion: 164 Resp: 201817

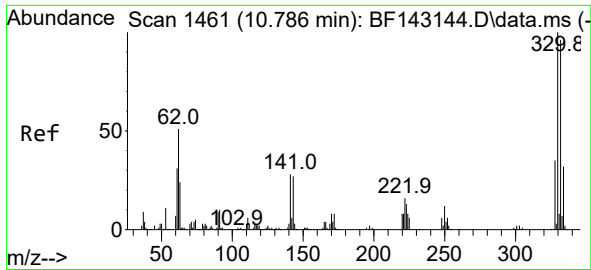
Ion Ratio Lower Upper

164 100

162 98.6 79.0 118.6

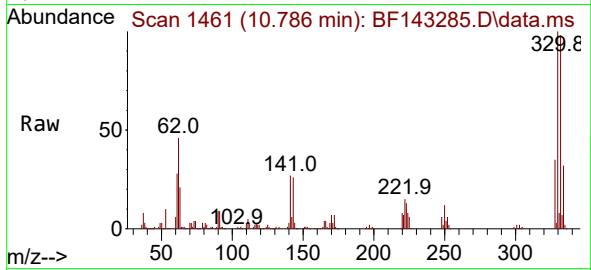
160 43.9 35.1 52.7



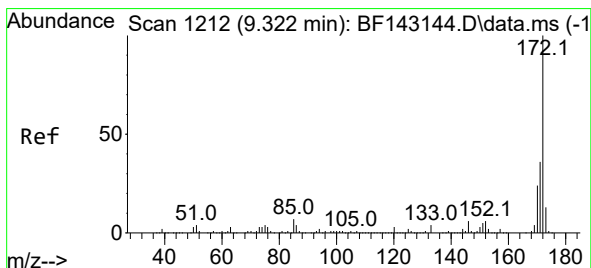
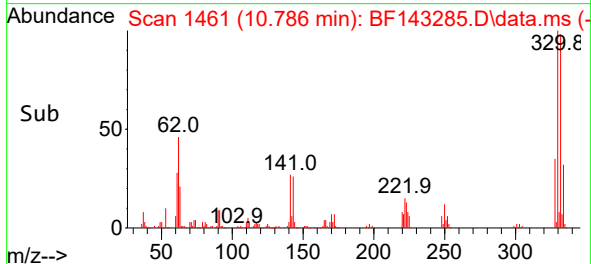
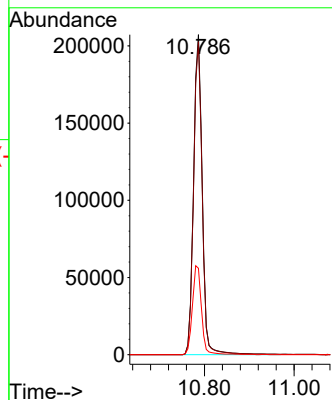


#42
2,4,6-Tribromophenol
Concen: 133.597 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143285.D
Acq: 01 Aug 2025 16:32

Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240

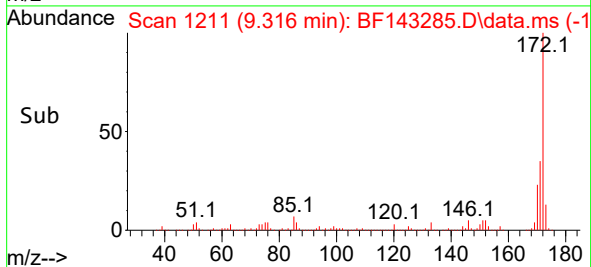
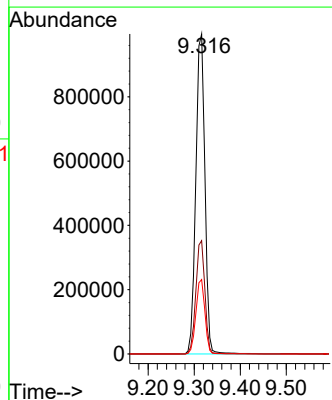
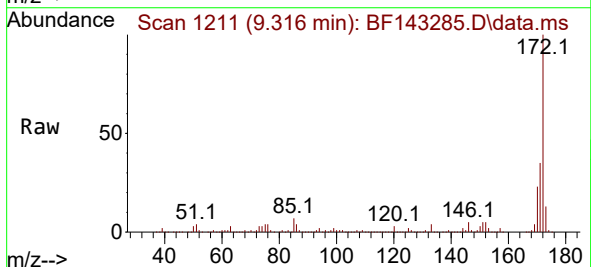


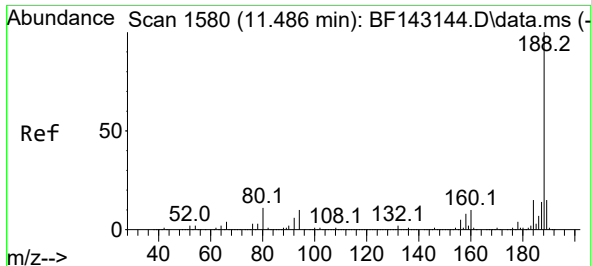
Tgt Ion:330 Resp: 278535
Ion Ratio Lower Upper
330 100
332 97.5 76.7 115.1
141 28.8 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 92.523 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143285.D
Acq: 01 Aug 2025 16:32

Tgt Ion:172 Resp: 1365335
Ion Ratio Lower Upper
172 100
171 35.4 28.6 42.8
170 23.3 18.8 28.2

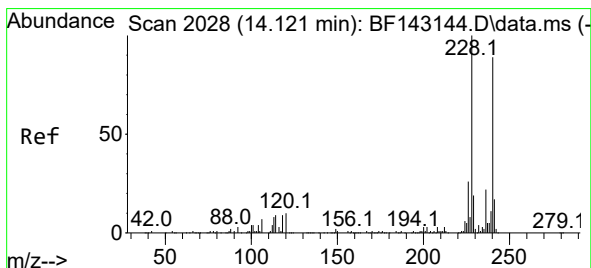
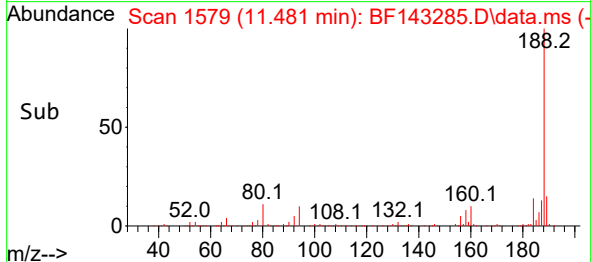
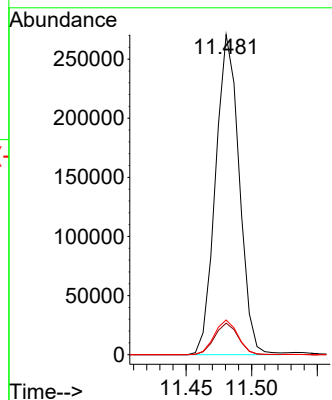
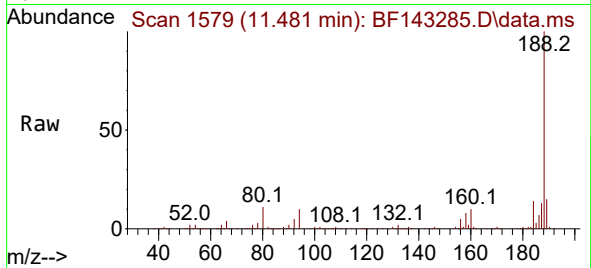




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.481 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BF143285.D
Acq: 01 Aug 2025 16:32

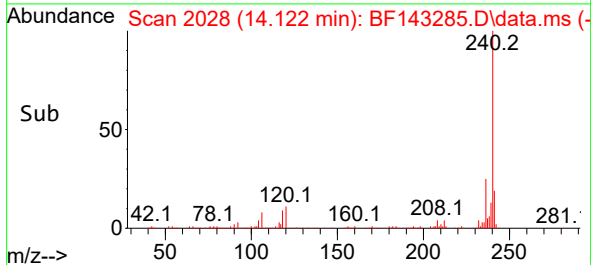
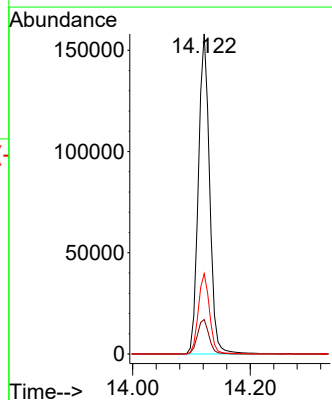
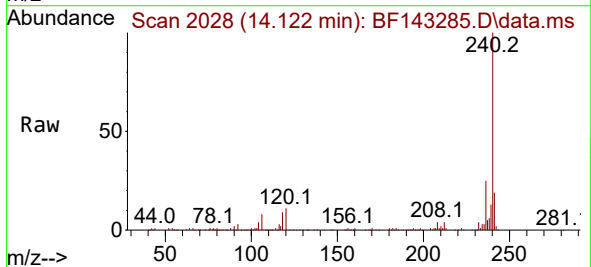
Instrument :
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7211931-VNJ240

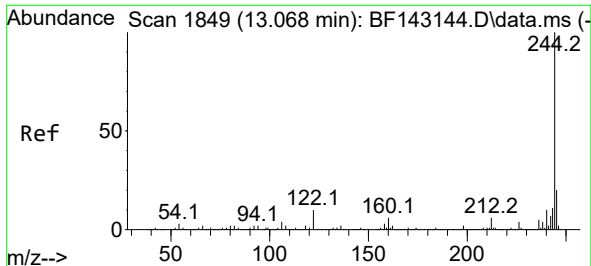
Tgt Ion:188 Resp: 339717
Ion Ratio Lower Upper
188 100
94 9.9 8.3 12.5
80 10.8 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.122 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143285.D
Acq: 01 Aug 2025 16:32

Tgt Ion:240 Resp: 209068
Ion Ratio Lower Upper
240 100
120 10.8 9.4 14.2
236 25.1 20.2 30.4

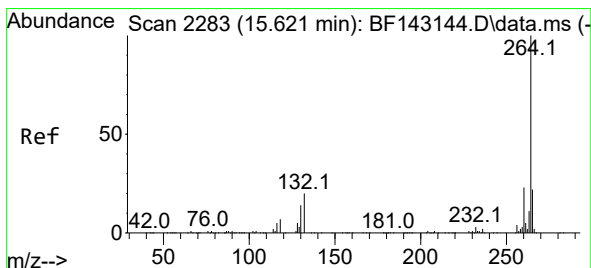
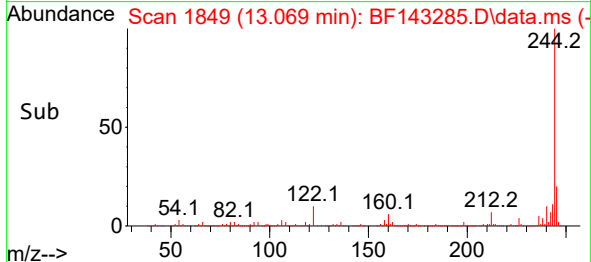
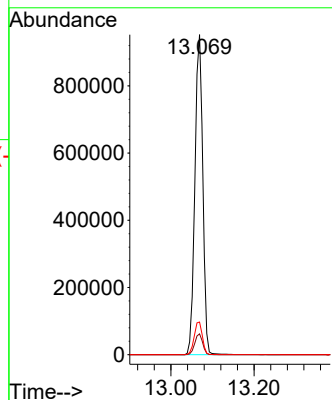
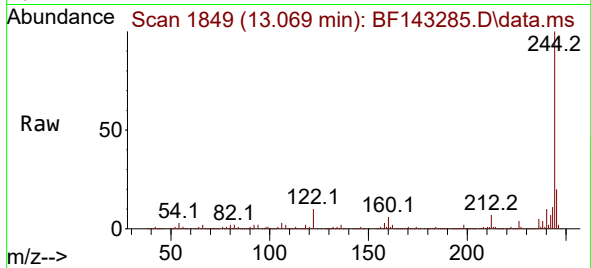




#79
Terphenyl-d14
Concen: 89.086 ng
RT: 13.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143285.D
Acq: 01 Aug 2025 16:32

Instrument :
BNA_F
ClientSampleId :
7211931-VNJ240

Tgt Ion:244 Resp: 1251587
Ion Ratio Lower Upper
244 100
212 6.5 5.2 7.8
122 10.2 8.2 12.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.627 min Scan# 2284
Delta R.T. 0.006 min
Lab File: BF143285.D
Acq: 01 Aug 2025 16:32

Tgt Ion:264 Resp: 218191
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 20.6 17.4 26.2

