

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
 Data File : BF143185.D
 Acq On : 22 Jul 2025 12:52
 Operator : RC/JU
 Sample : Q2638-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-34-071725

Quant Time: Jul 22 13:33:37 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	125131	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	481550	20.000	ng	0.00
39) Acenaphthene-d10	9.998	164	241129	20.000	ng	0.00
64) Phenanthrene-d10	11.486	188	348751	20.000	ng	0.00
76) Chrysene-d12	14.121	240	262145	20.000	ng	0.00
86) Perylene-d12	15.627	264	169866	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	541049	68.424	ng	0.00
7) Phenol-d6	6.581	99	703464	70.680	ng	0.00
23) Nitrobenzene-d5	7.516	82	443366	45.894	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	161837	64.969	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	755374	42.843	ng	0.00
79) Terphenyl-d14	13.069	244	544396	30.904	ng	0.00

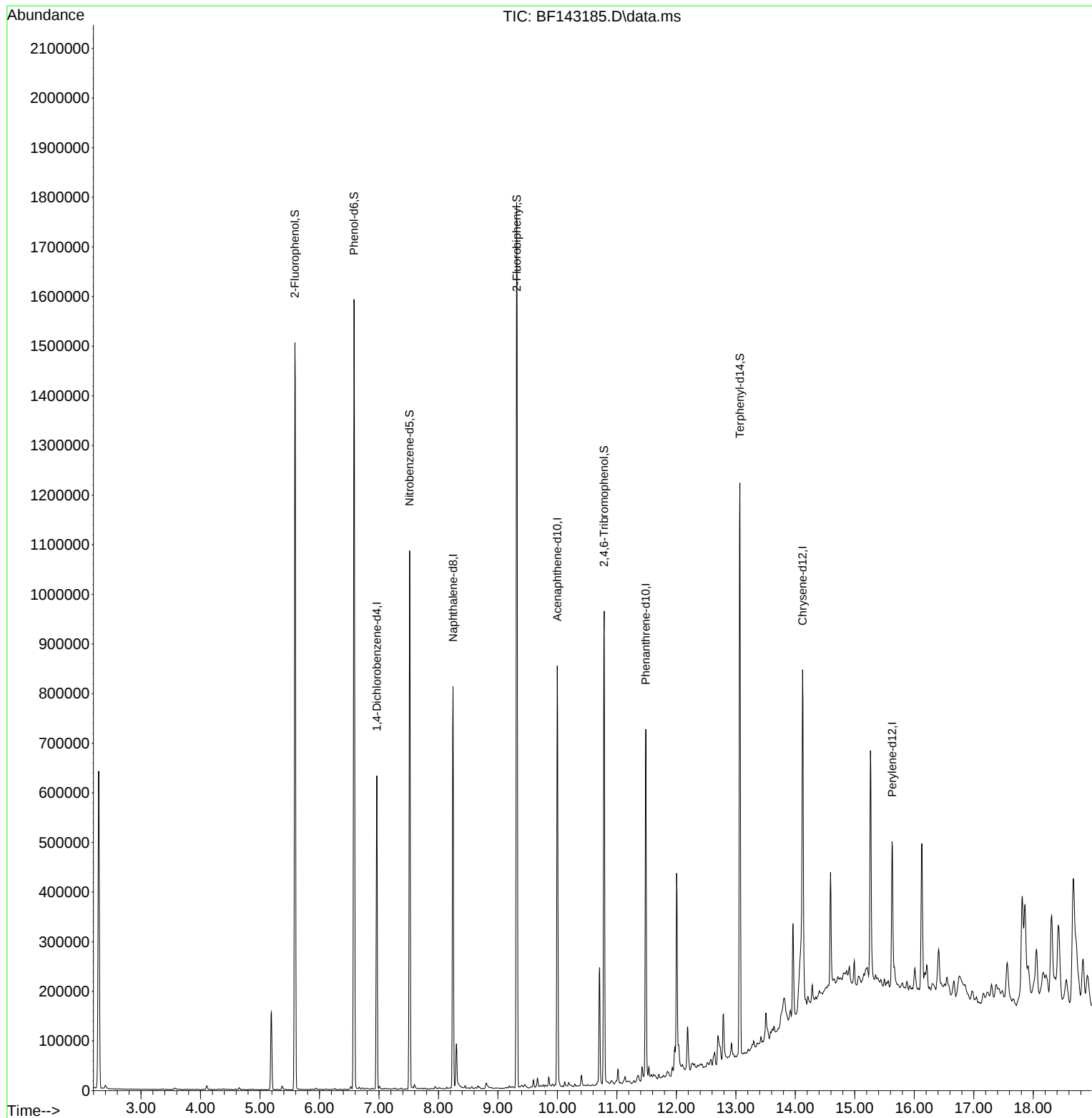
Target Compounds	Qvalue

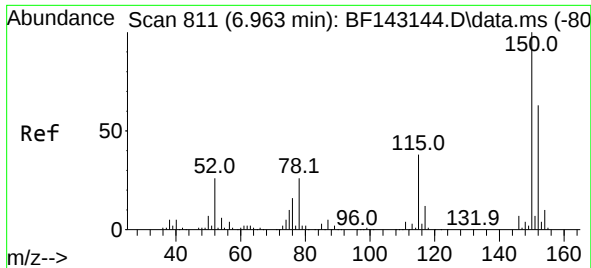
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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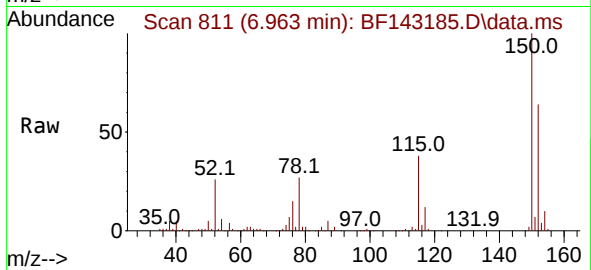
Quant Time: Jul 22 13:33:37 2025
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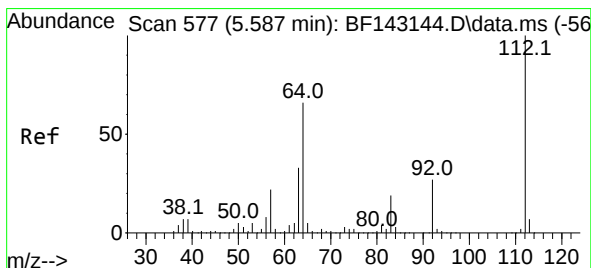
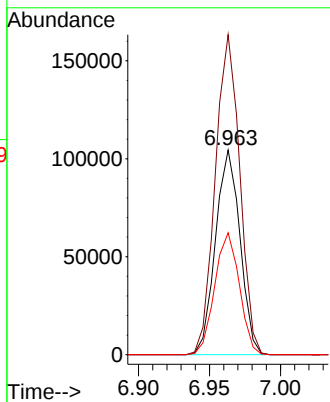
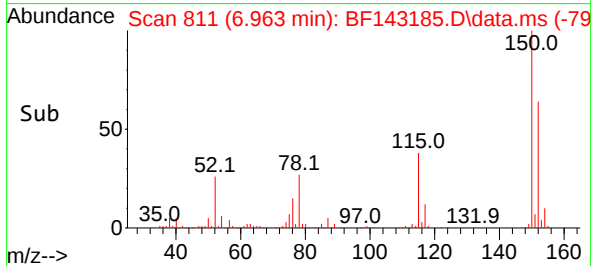


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF143185.D
Acq: 22 Jul 2025 12:52

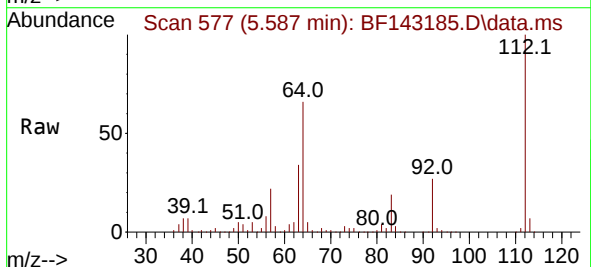
Instrument :
BNA_F
ClientSampleId :
OU4-TS-34-071725



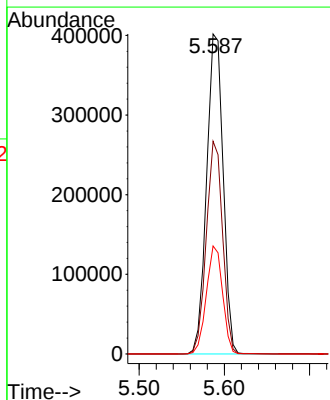
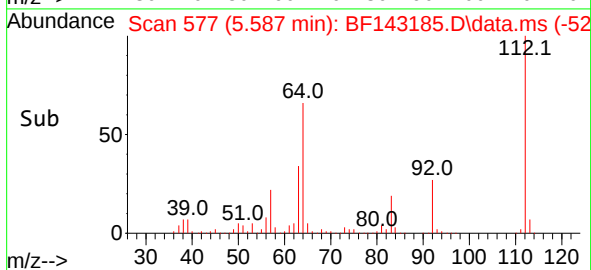
Tgt Ion:152 Resp: 125131
Ion Ratio Lower Upper
152 100
150 156.3 128.2 192.4
115 59.5 47.9 71.9

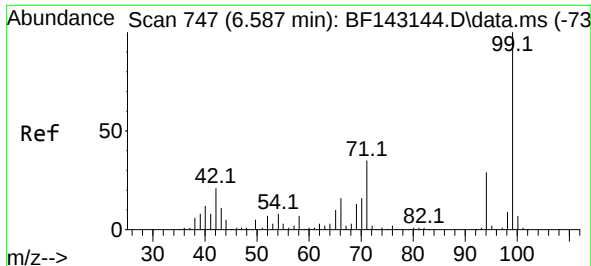


#5
2-Fluorophenol
Concen: 68.424 ng
RT: 5.587 min Scan# 577
Delta R.T. 0.000 min
Lab File: BF143185.D
Acq: 22 Jul 2025 12:52



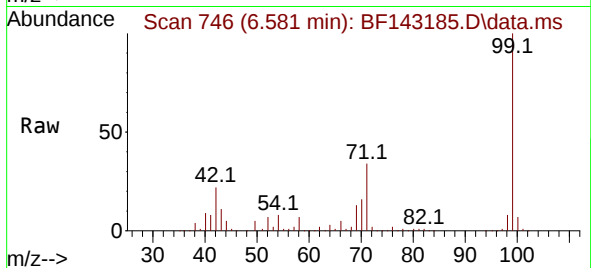
Tgt Ion:112 Resp: 541049
Ion Ratio Lower Upper
112 100
64 66.4 53.1 79.7
63 33.7 26.6 40.0





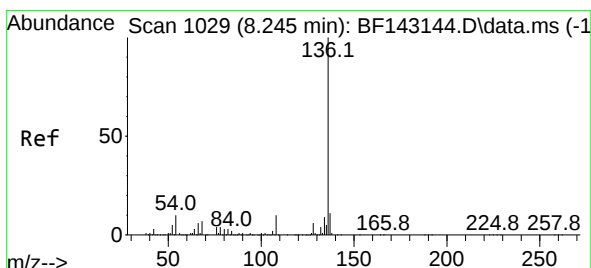
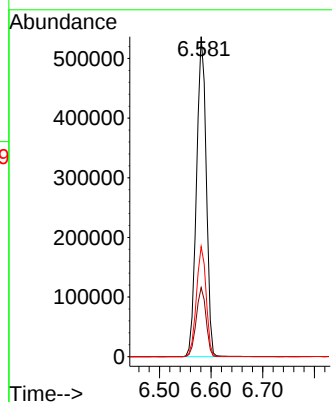
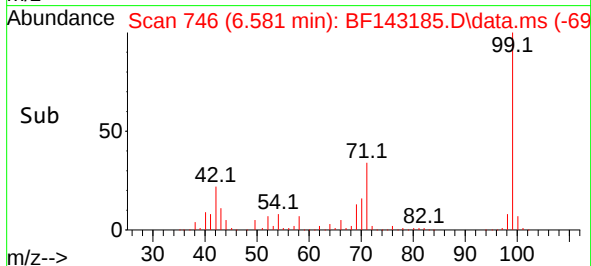
#7
Phenol-d6
Concen: 70.680 ng
RT: 6.581 min Scan# 747
Delta R.T. -0.006 min
Lab File: BF143185.D
Acq: 22 Jul 2025 12:52

Instrument :
BNA_F
ClientSampleId :
OU4-TS-34-071725

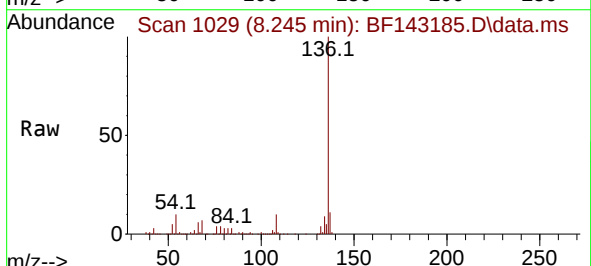


Tgt Ion: 99 Resp: 703464

Ion	Ratio	Lower	Upper
99	100		
42	21.6	17.0	25.6
71	34.4	27.7	41.5

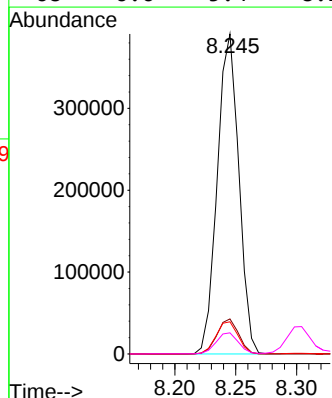
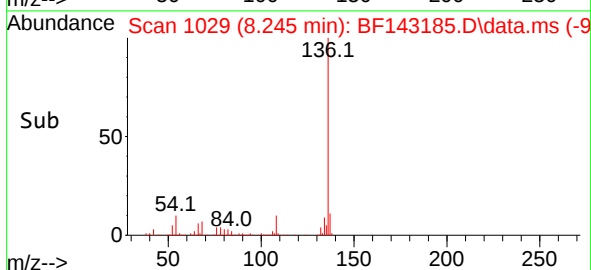


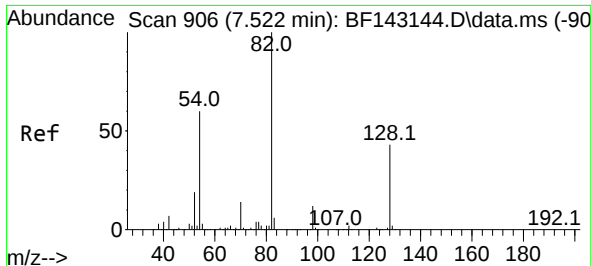
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF143185.D
Acq: 22 Jul 2025 12:52



Tgt Ion: 136 Resp: 481550

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	10.1	8.2	12.2
68	6.6	5.4	8.2





#23

Nitrobenzene-d5

Concen: 45.894 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143185.D

Acq: 22 Jul 2025 12:52

Instrument :

BNA_F

ClientSampleId :

OU4-TS-34-071725

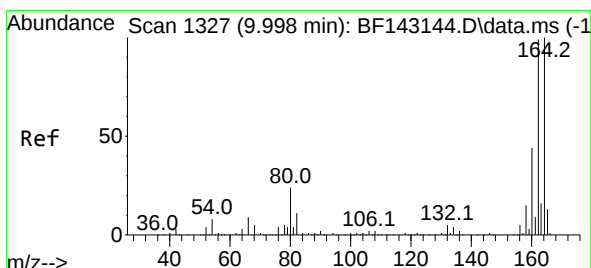
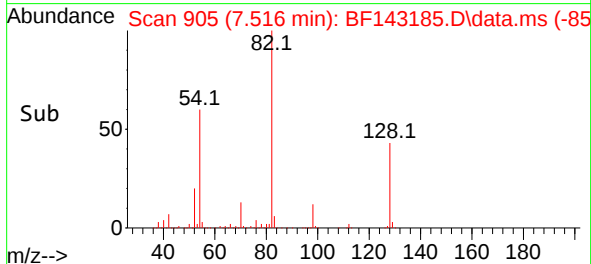
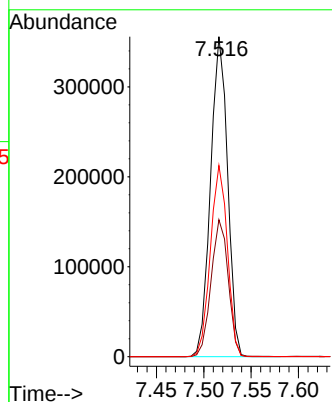
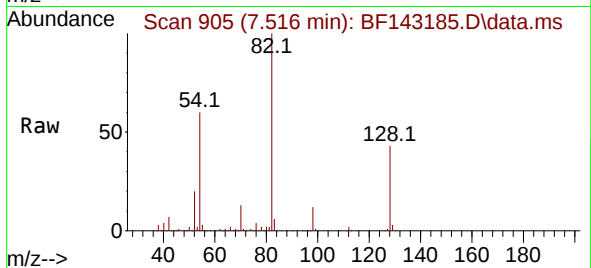
Tgt Ion: 82 Resp: 443366

Ion Ratio Lower Upper

82 100

128 42.8 33.6 50.4

54 59.7 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: BF143185.D

Acq: 22 Jul 2025 12:52

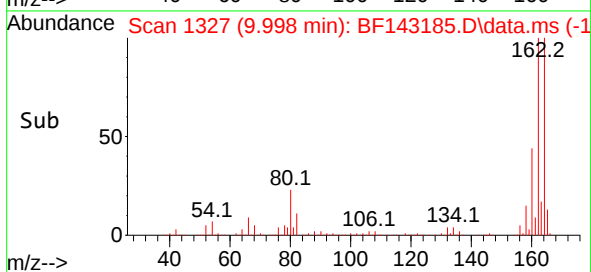
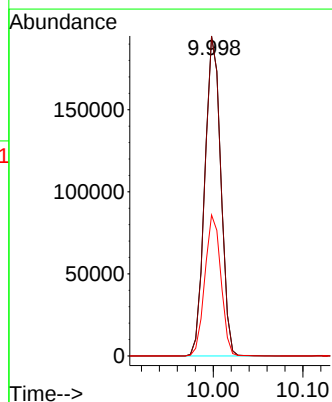
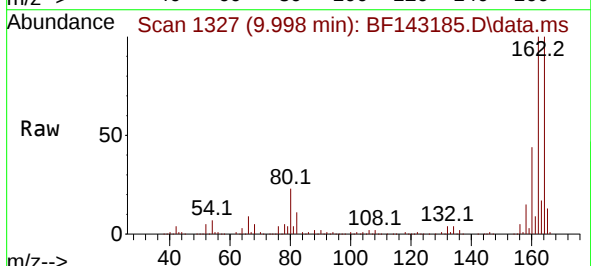
Tgt Ion: 164 Resp: 241129

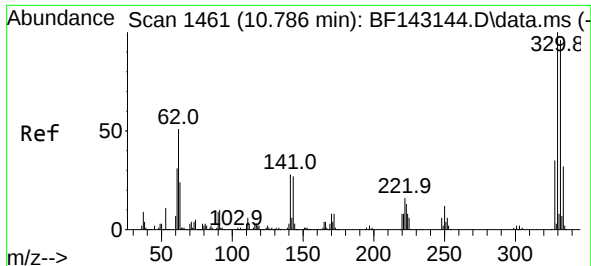
Ion Ratio Lower Upper

164 100

162 99.8 79.0 118.6

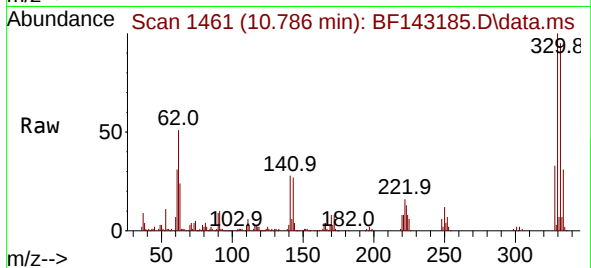
160 44.0 35.1 52.7



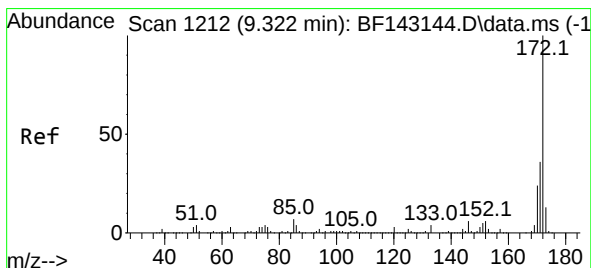
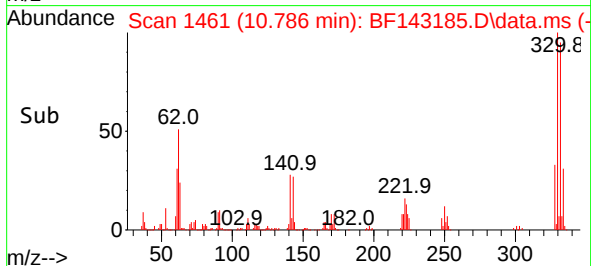
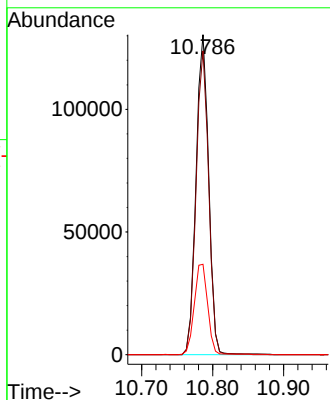


#42
2,4,6-Tribromophenol
Concen: 64.969 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143185.D
Acq: 22 Jul 2025 12:52

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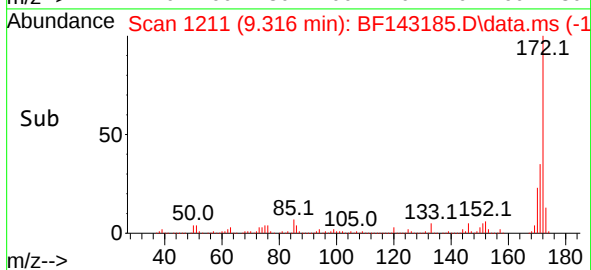
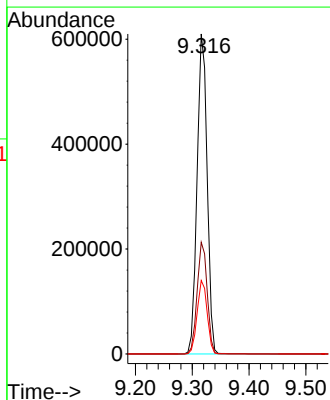
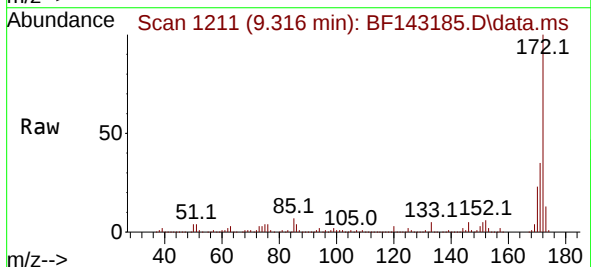


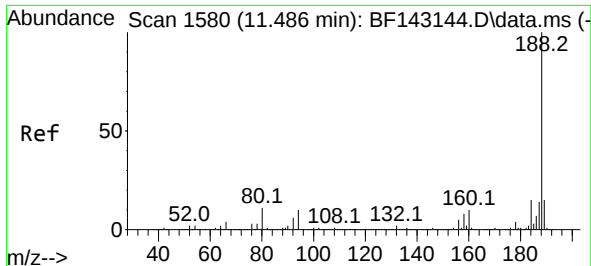
Tgt Ion: 330 Resp: 161837
Ion Ratio Lower Upper
330 100
332 94.7 76.7 115.1
141 30.0 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 42.843 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143185.D
Acq: 22 Jul 2025 12:52

Tgt Ion: 172 Resp: 755374
Ion Ratio Lower Upper
172 100
171 34.9 28.6 42.8
170 22.9 18.8 28.2

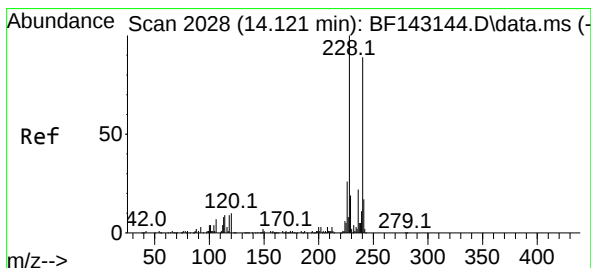
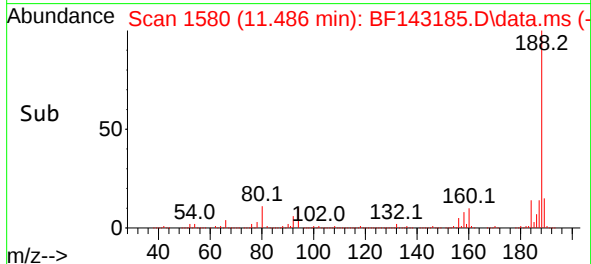
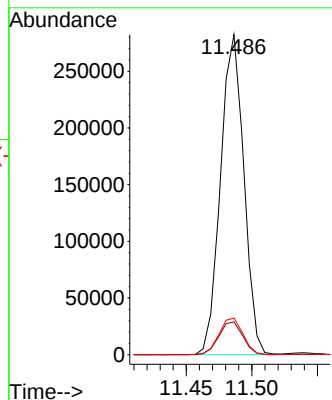
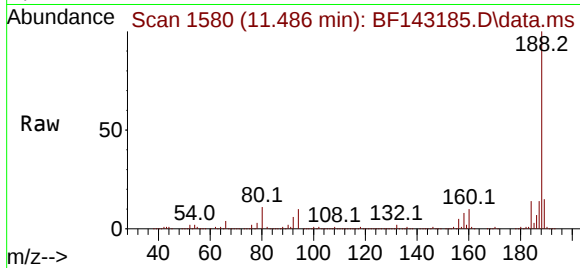




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.486 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143185.D
Acq: 22 Jul 2025 12:52

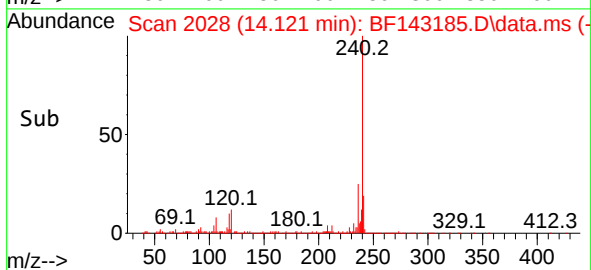
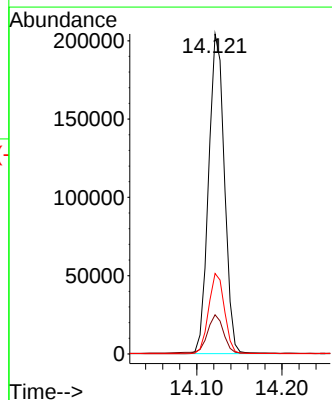
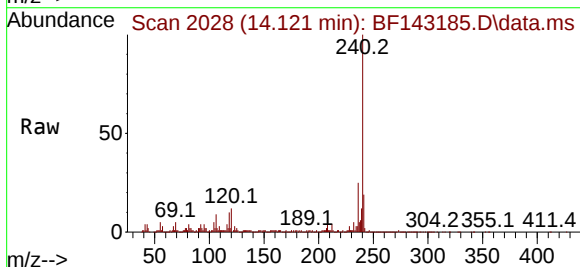
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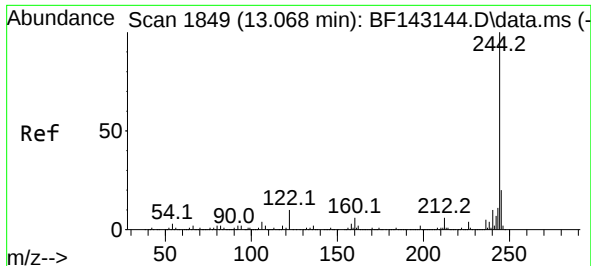
Tgt Ion:188 Resp: 348751
Ion Ratio Lower Upper
188 100
94 10.3 8.3 12.5
80 11.4 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143185.D
Acq: 22 Jul 2025 12:52

Tgt Ion:240 Resp: 262145
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 25.1 20.2 30.4

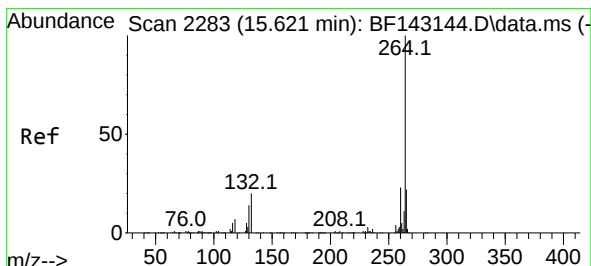
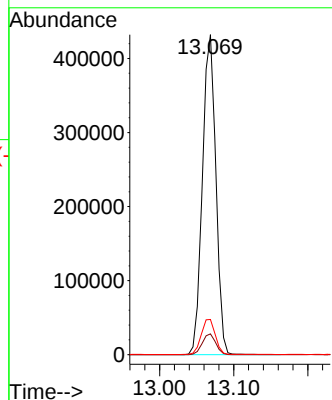
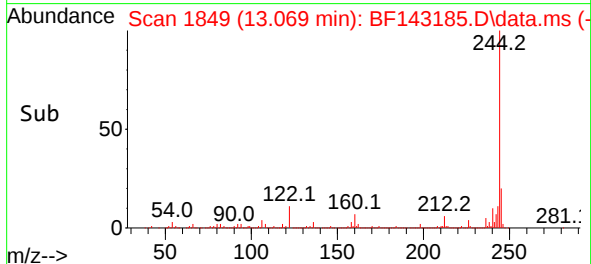
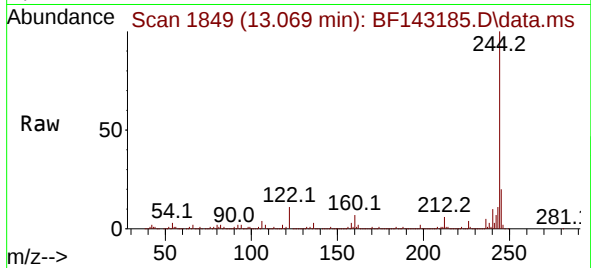




#79
 Terphenyl-d14
 Concen: 30.904 ng
 RT: 13.069 min Scan# 1849
 Delta R.T. 0.000 min
 Lab File: BF143185.D
 Acq: 22 Jul 2025 12:52

Instrument :
 BNA_F
 ClientSampleId :
 OU4-TS-34-071725

Tgt Ion:244 Resp: 544396
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 11.0 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: BF143185.D
 Acq: 22 Jul 2025 12:52

Tgt Ion:264 Resp: 169866
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 21.9 17.4 26.2

