

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
 Data File : BF143284.D
 Acq On : 01 Aug 2025 16:03
 Operator : RC/JU
 Sample : Q2733-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-12

Quant Time: Aug 01 16:24:59 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	6.957	152	122249	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	426505	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	225540	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	312346	20.000	ng	0.00
76) Chrysene-d12	14.121	240	219450	20.000	ng	0.00
86) Perylene-d12	15.627	264	208089	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	442642	57.298	ng	0.00
7) Phenol-d6	6.581	99	415801	42.762	ng	0.00
23) Nitrobenzene-d5	7.516	82	703460	82.216	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	252838	108.516	ng	0.00
45) 2-Fluorobiphenyl	9.316	172	1200732	72.810	ng	0.00
79) Terphenyl-d14	13.069	244	1016146	68.906	ng	0.00

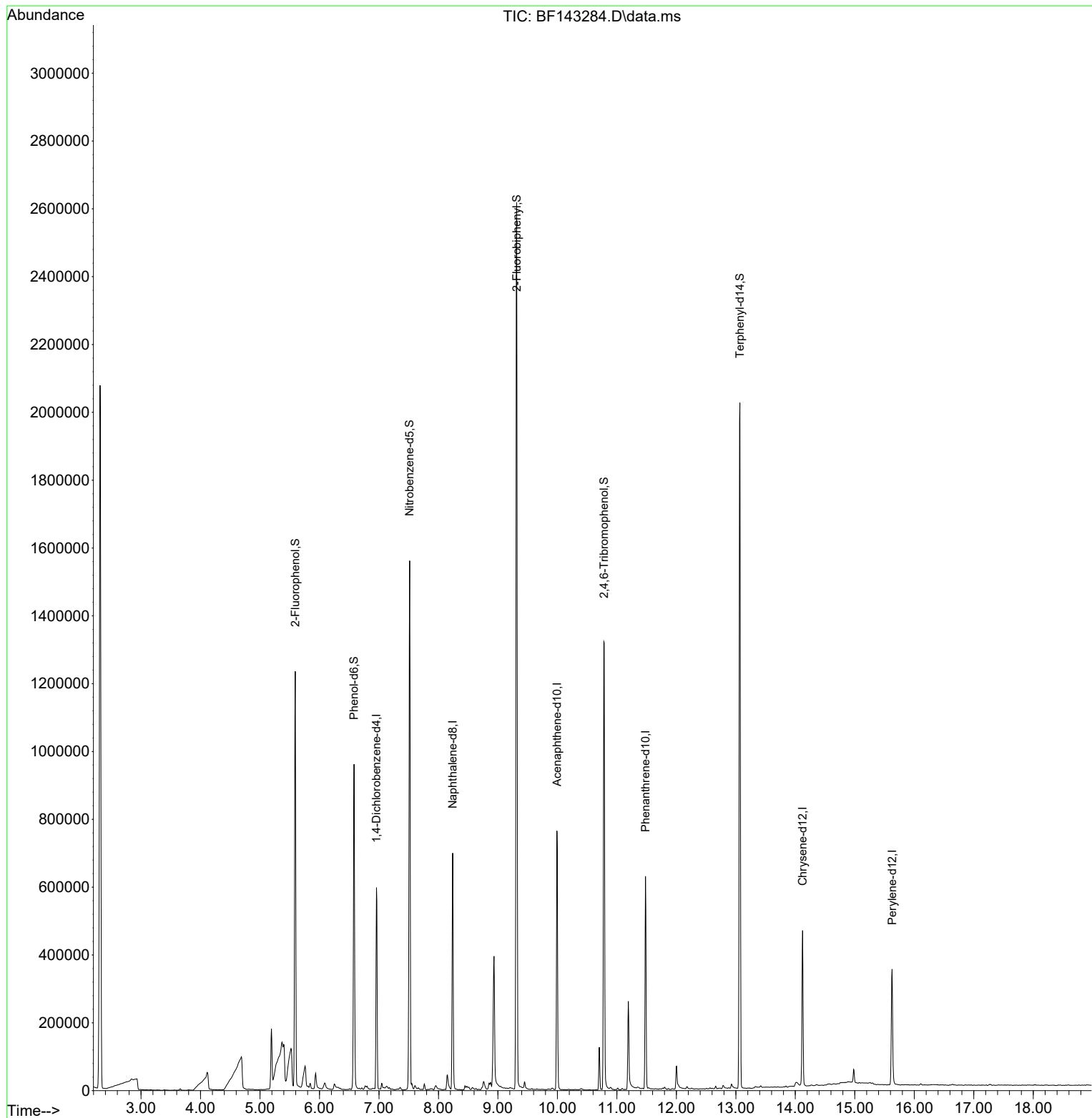
Target Compounds	Qvalue

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

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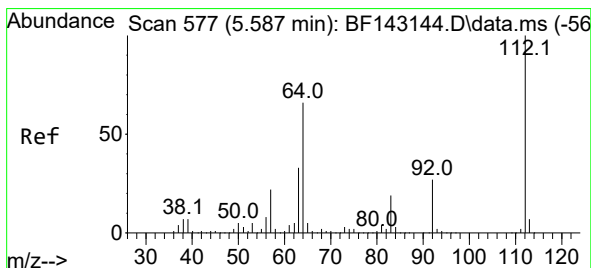
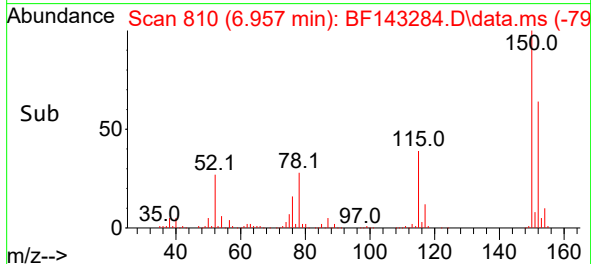
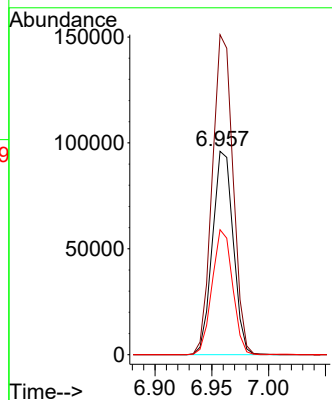
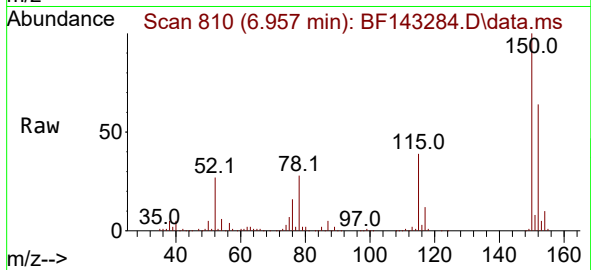




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.957 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

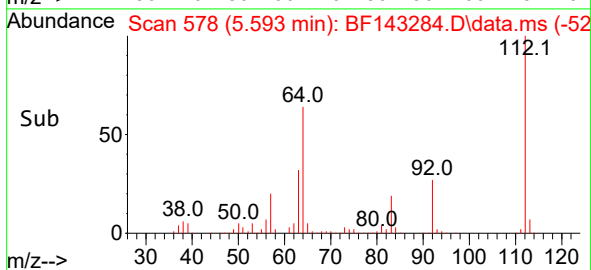
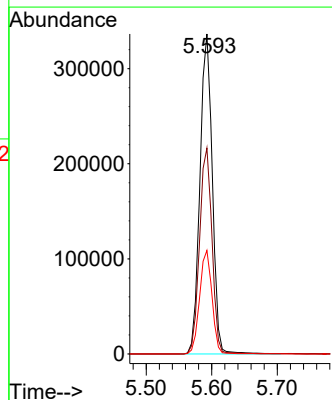
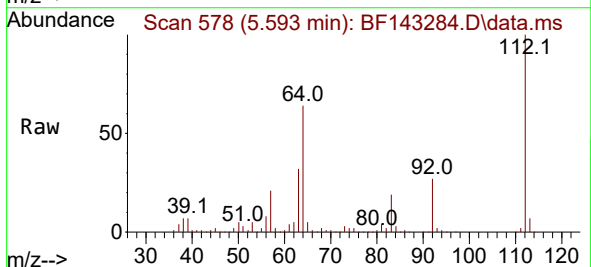
Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

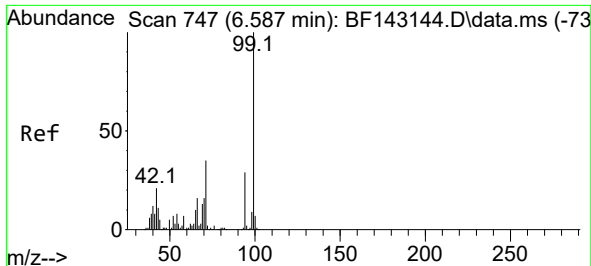
Tgt Ion:152 Resp: 122249
Ion Ratio Lower Upper
152 100
150 157.3 128.2 192.4
115 61.4 47.9 71.9



#5
2-Fluorophenol
Concen: 57.298 ng
RT: 5.593 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

Tgt Ion:112 Resp: 442642
Ion Ratio Lower Upper
112 100
64 64.4 53.1 79.7
63 32.3 26.6 40.0

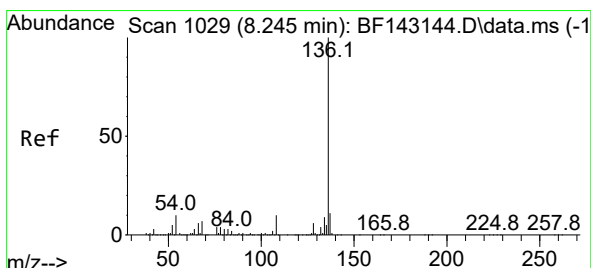
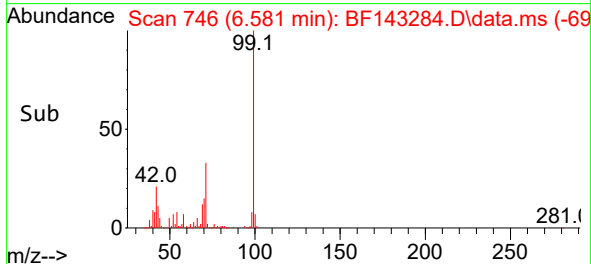
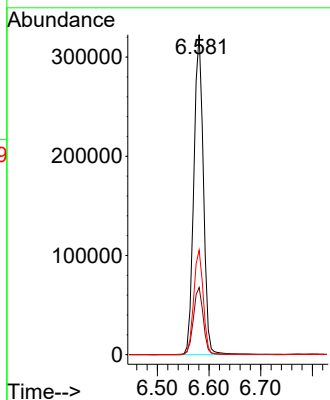
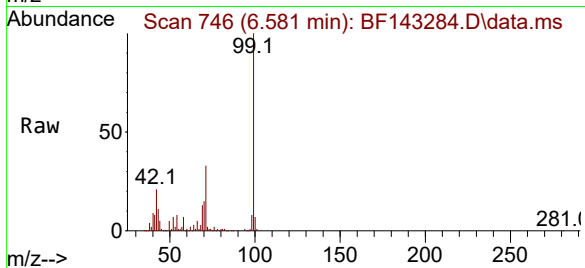




#7
Phenol-d6
Concen: 42.762 ng
RT: 6.581 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

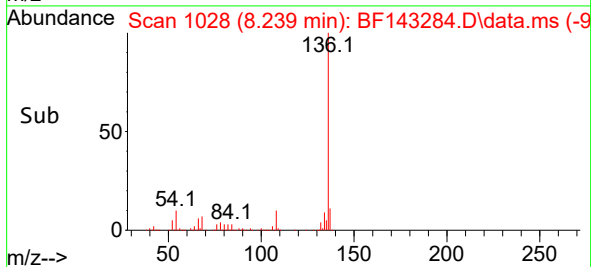
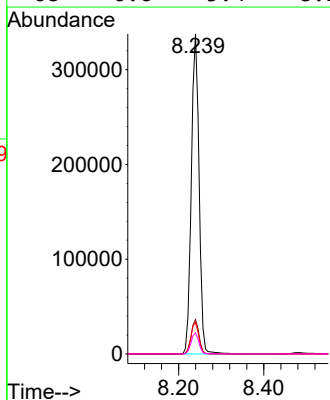
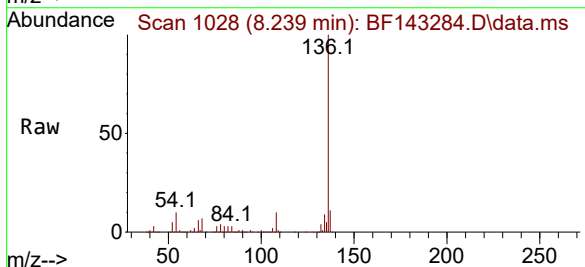
Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

Tgt Ion: 99 Resp: 415801
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 32.6 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

Tgt Ion: 136 Resp: 426505
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.8 8.2 12.2
68 6.6 5.4 8.2





#23

Nitrobenzene-d5

Concen: 82.216 ng

RT: 7.516 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF143284.D

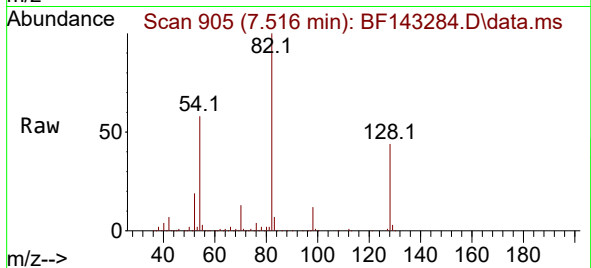
Acq: 01 Aug 2025 16:03

Instrument :

BNA_F

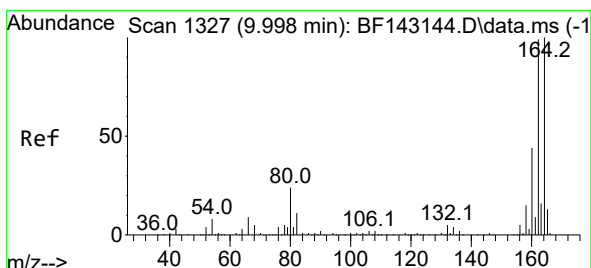
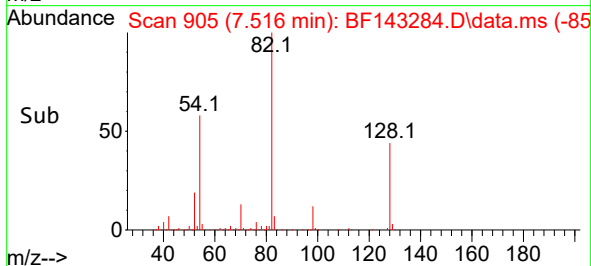
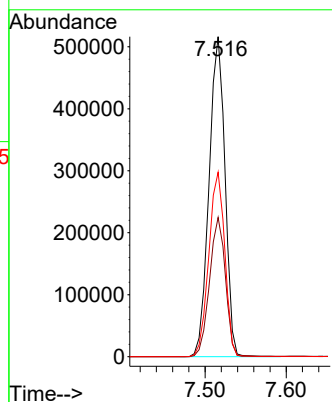
ClientSampleId :

TW-WTS-12



Tgt Ion: 82 Resp: 703460

Ion	Ratio	Lower	Upper
82	100		
128	43.5	33.6	50.4
54	57.6	47.1	70.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1326

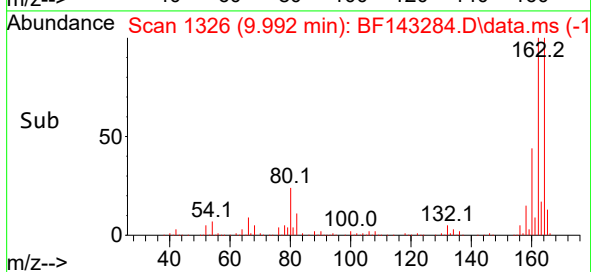
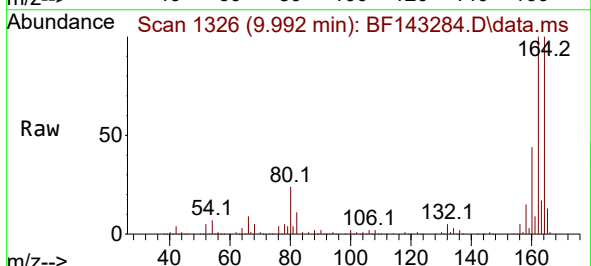
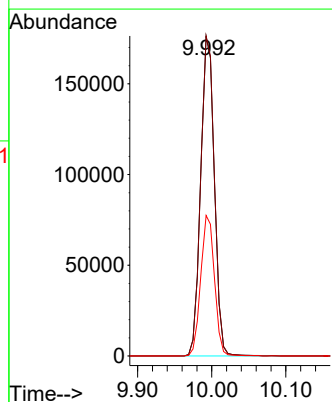
Delta R.T. -0.006 min

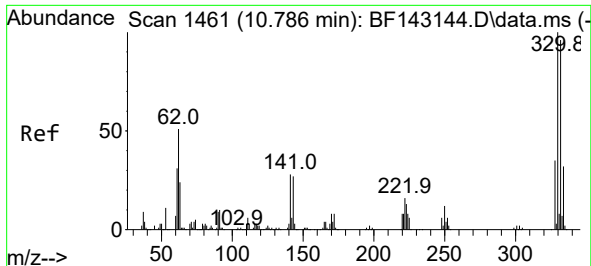
Lab File: BF143284.D

Acq: 01 Aug 2025 16:03

Tgt Ion: 164 Resp: 225540

Ion	Ratio	Lower	Upper
164	100		
162	100.2	79.0	118.6
160	44.0	35.1	52.7

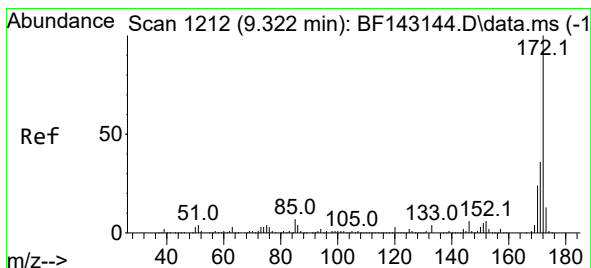
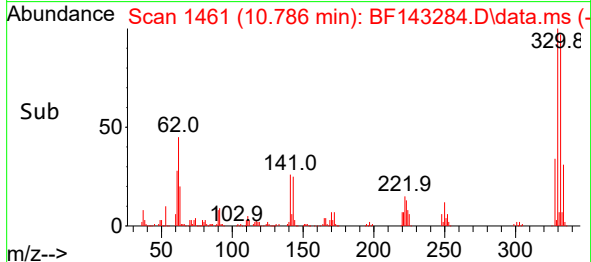
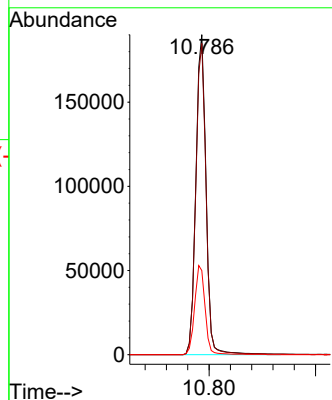
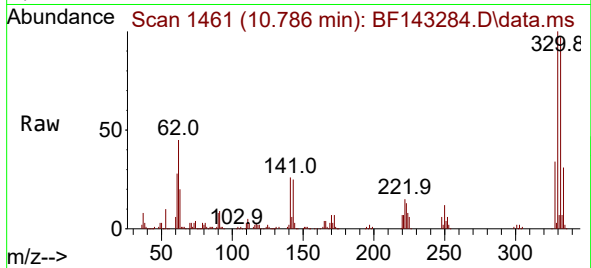




#42
2,4,6-Tribromophenol
Concen: 108.516 ng
RT: 10.786 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

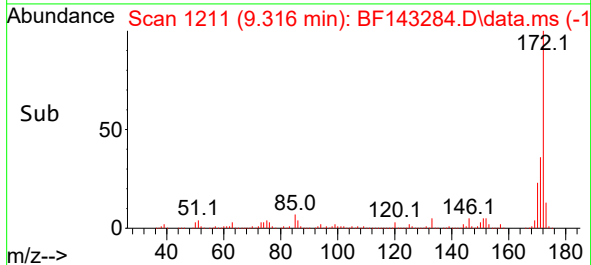
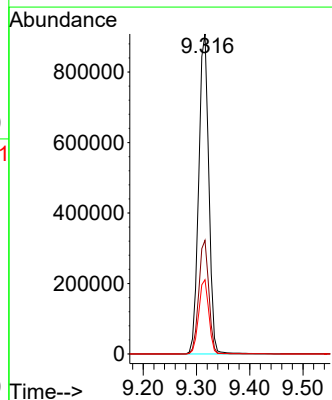
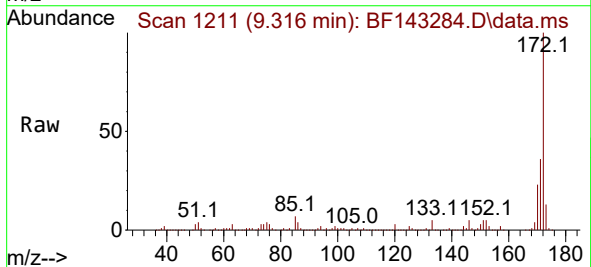
Instrument :
BNA_F
ClientSampleId :
TW-WTS-12

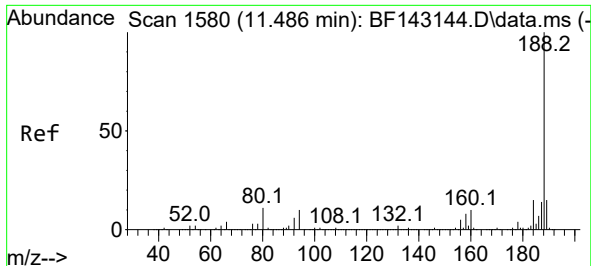
Tgt Ion:330 Resp: 252838
Ion Ratio Lower Upper
330 100
332 97.4 76.7 115.1
141 28.6 23.3 34.9



#45
2-Fluorobiphenyl
Concen: 72.810 ng
RT: 9.316 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

Tgt Ion:172 Resp: 1200732
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.2 18.8 28.2

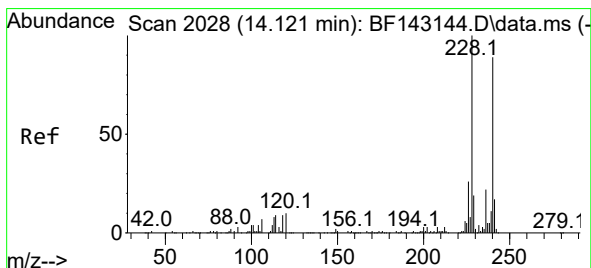
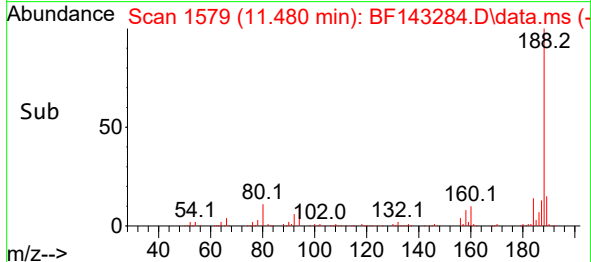
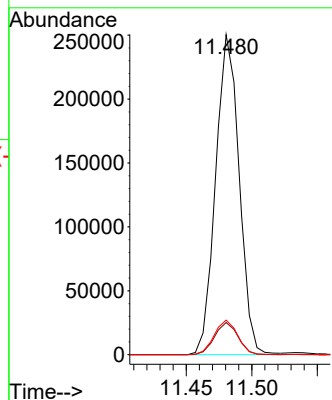
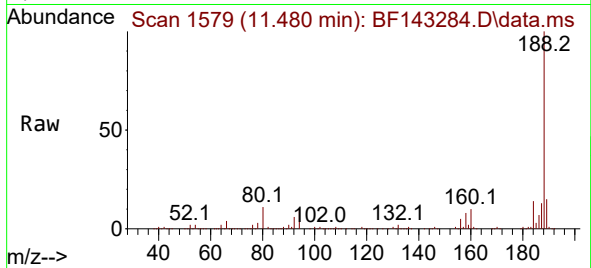




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

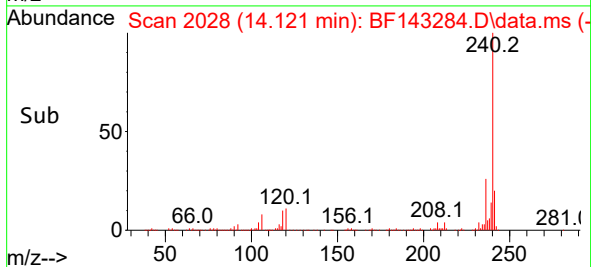
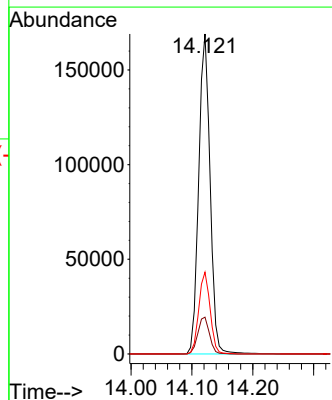
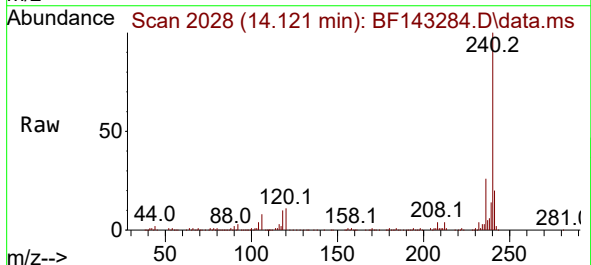
Instrument :
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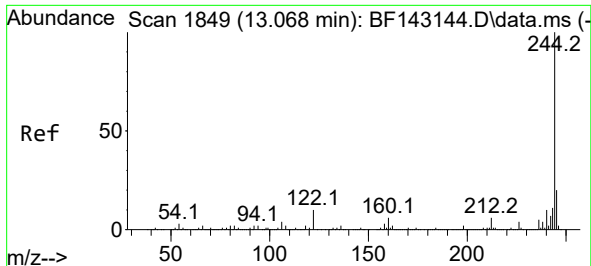
Tgt Ion:188 Resp: 312346
Ion Ratio Lower Upper
188 100
94 10.0 8.3 12.5
80 10.8 9.0 13.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.121 min Scan# 2028
Delta R.T. 0.000 min
Lab File: BF143284.D
Acq: 01 Aug 2025 16:03

Tgt Ion:240 Resp: 219450
Ion Ratio Lower Upper
240 100
120 11.5 9.4 14.2
236 25.6 20.2 30.4

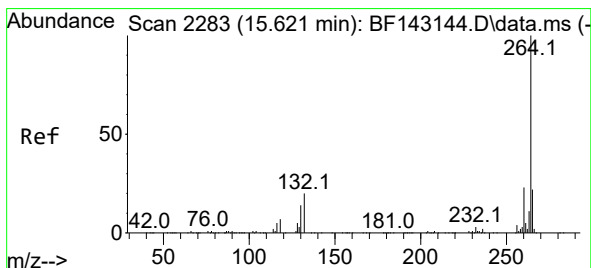
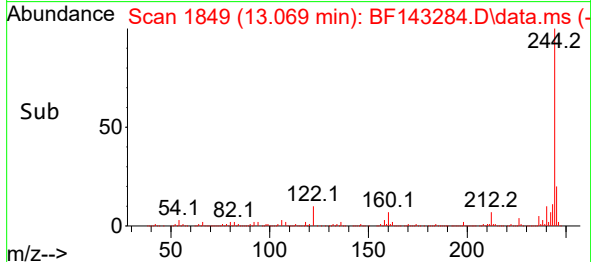
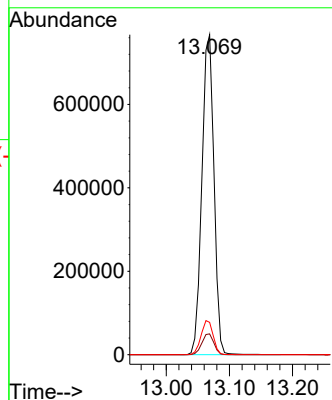
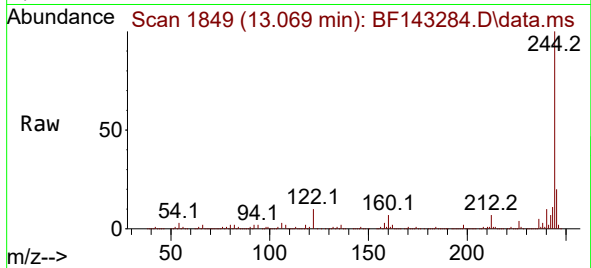




#79
 Terphenyl-d14
 Concen: 68.906 ng
 RT: 13.069 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF143284.D
 Acq: 01 Aug 2025 16:03

Instrument :
 BNA_F
 ClientSampleId :
 TW-WTS-12

Tgt Ion:244 Resp: 1016146
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 10.1 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: BF143284.D
 Acq: 01 Aug 2025 16:03

Tgt Ion:264 Resp: 208089
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.5 27.7
 265 21.5 17.4 26.2

