

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101625\
 Data File : BF143981.D
 Acq On : 16 Oct 2025 16:09
 Operator : RC/JU
 Sample : Q3348-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1

Quant Time: Oct 16 17:29:19 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	99320	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	386265	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	206075	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	366175	20.000	ng	0.00
76) Chrysene-d12	14.063	240	221255	20.000	ng	0.00
86) Perylene-d12	15.545	264	242239	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	757187	121.064	ng	0.01
7) Phenol-d6	6.504	99	833228	111.767	ng	-0.01
23) Nitrobenzene-d5	7.440	82	601580	94.621	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	298689	145.521	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1128021	86.856	ng	-0.01
79) Terphenyl-d14	13.004	244	1236135	95.485	ng	0.00

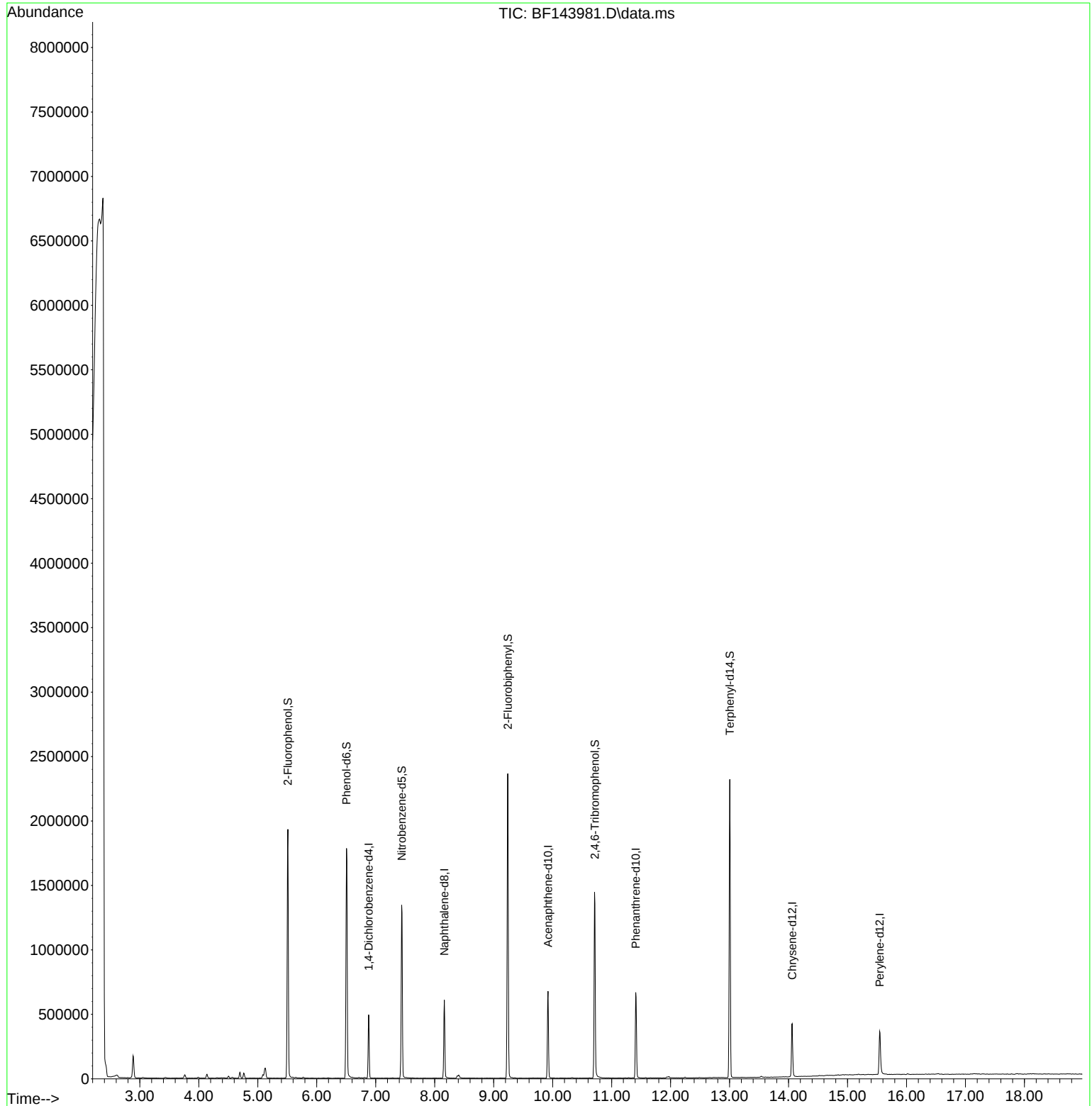
Target Compounds	Qvalue

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

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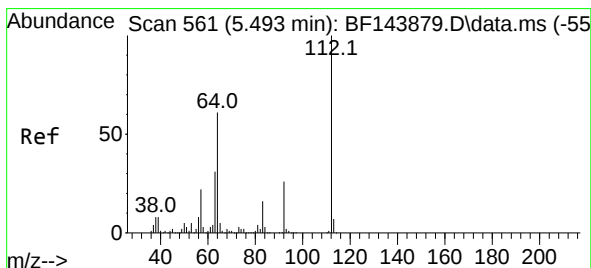
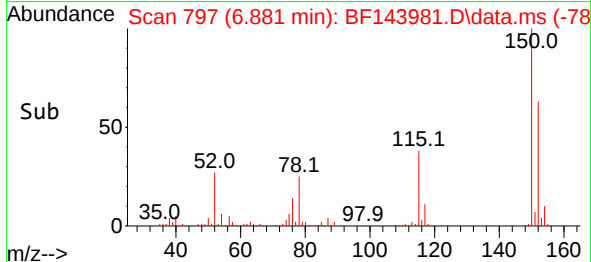
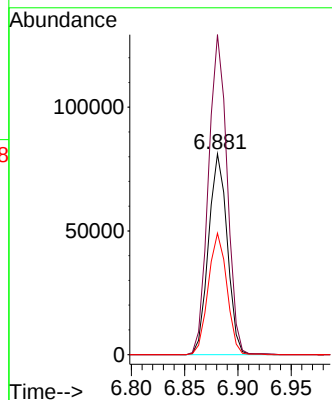
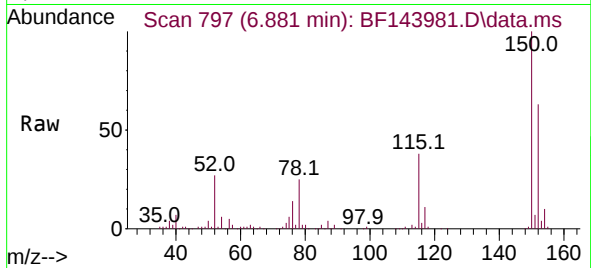




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143981.D
Acq: 16 Oct 2025 16:09

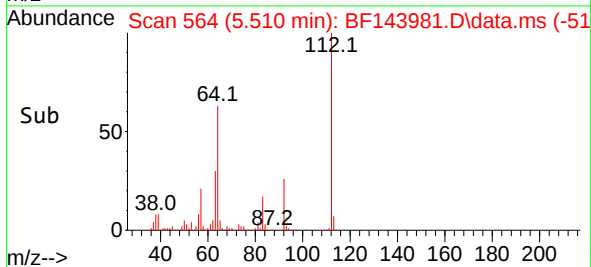
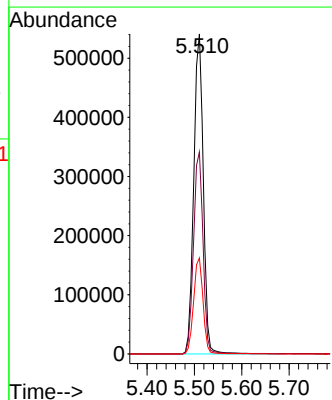
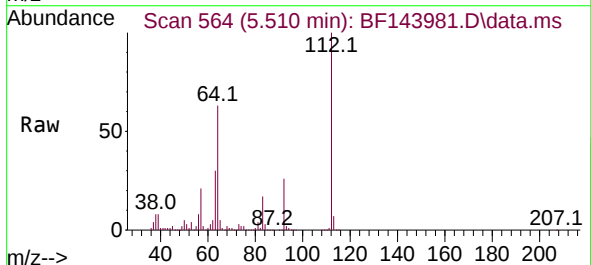
Instrument :
BNA_F
ClientSampleId :
WCS-TP1

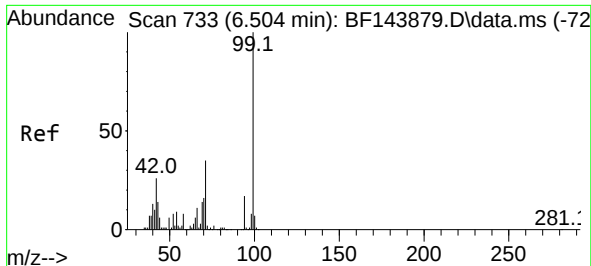
Tgt Ion:152 Resp: 99320
Ion Ratio Lower Upper
152 100
150 159.4 124.4 186.6
115 60.4 48.1 72.1



#5
2-Fluorophenol
Concen: 121.064 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143981.D
Acq: 16 Oct 2025 16:09

Tgt Ion:112 Resp: 757187
Ion Ratio Lower Upper
112 100
64 63.1 49.1 73.7
63 30.0 24.5 36.7

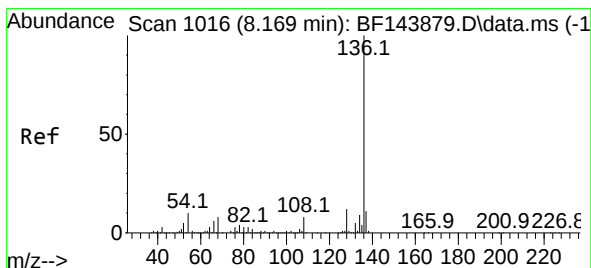
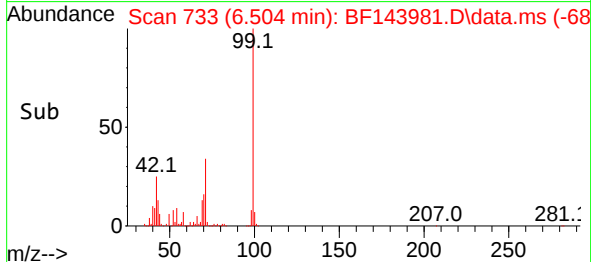
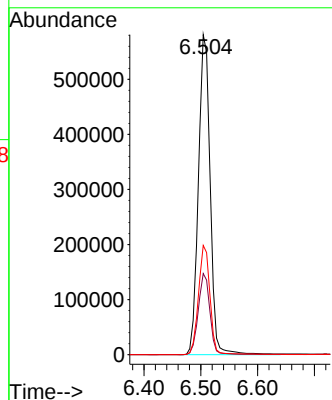
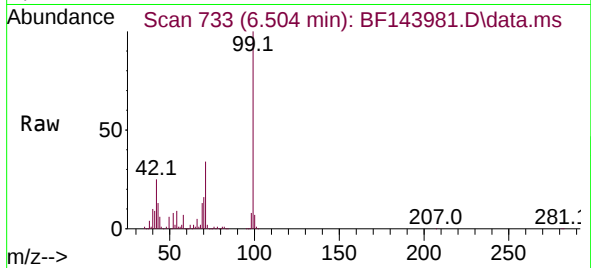




#7
Phenol-d6
Concen: 111.767 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143981.D
Acq: 16 Oct 2025 16:09

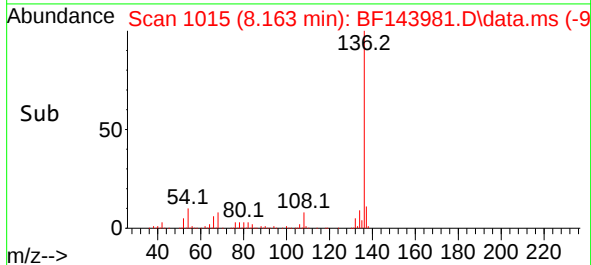
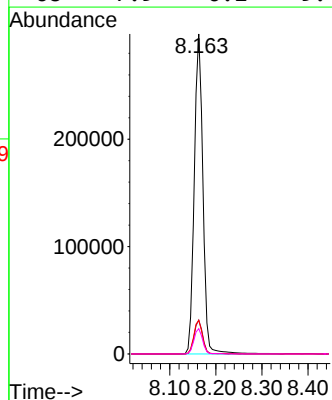
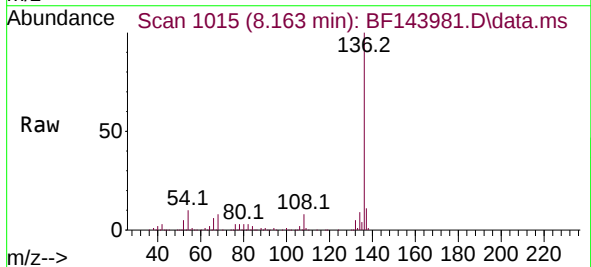
Instrument :
BNA_F
ClientSampleId :
WCS-TP1

Tgt Ion:	99	Resp:	833228
Ion	Ratio	Lower	Upper
99	100		
42	25.3	21.0	31.4
71	34.1	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143981.D
Acq: 16 Oct 2025 16:09

Tgt Ion:	136	Resp:	386265
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.5	8.2	12.4
68	7.9	6.2	9.4





#23

Nitrobenzene-d5

Concen: 94.621 ng

RT: 7.440 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF143981.D

Acq: 16 Oct 2025 16:09

Instrument :

BNA_F

ClientSampleId :

WCS-TP1

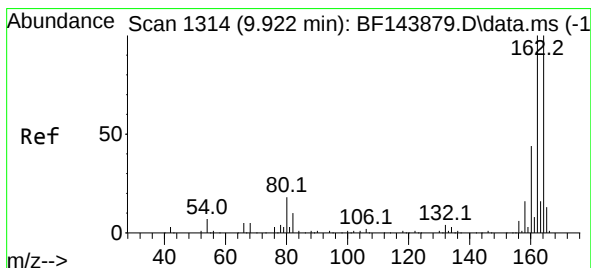
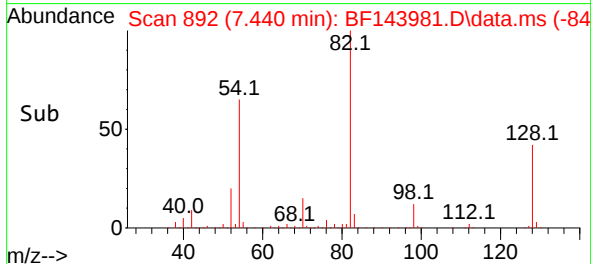
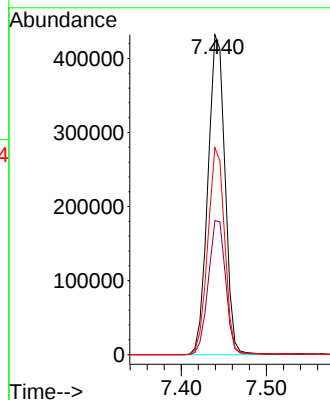
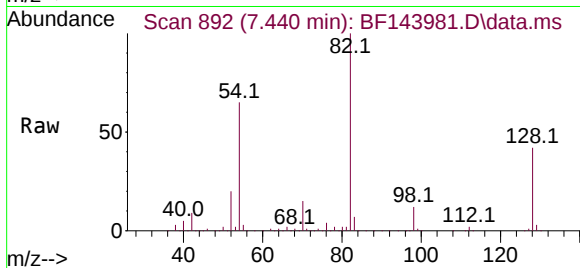
Tgt Ion: 82 Resp: 601580

Ion Ratio Lower Upper

82 100

128 41.9 34.0 51.0

54 64.7 53.2 79.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1314

Delta R.T. -0.005 min

Lab File: BF143981.D

Acq: 16 Oct 2025 16:09

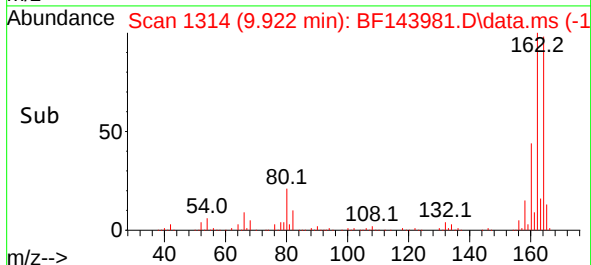
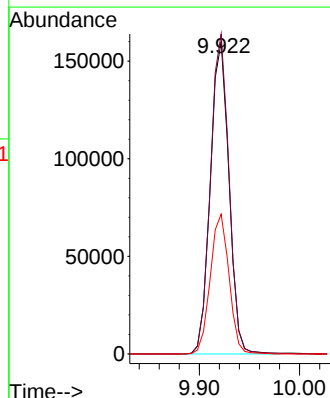
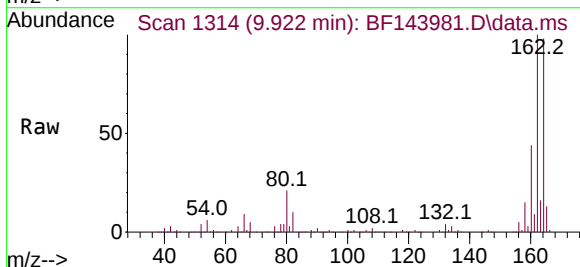
Tgt Ion:164 Resp: 206075

Ion Ratio Lower Upper

164 100

162 102.6 80.2 120.2

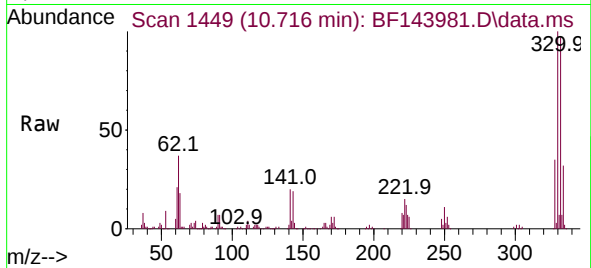
160 44.8 35.4 53.0



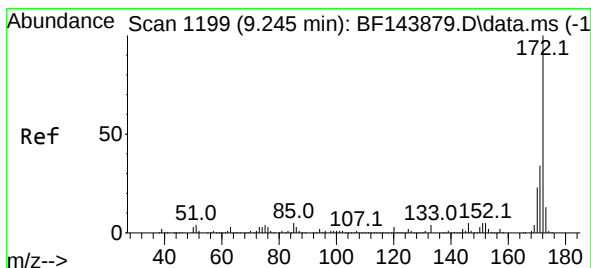
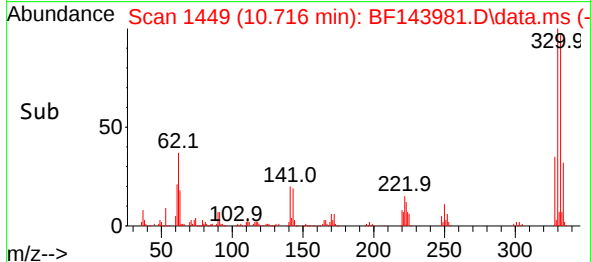
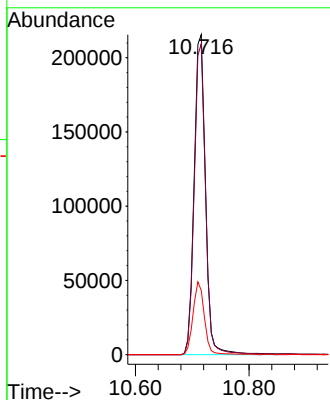


#42
2,4,6-Tribromophenol
Concen: 145.521 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143981.D
Acq: 16 Oct 2025 16:09

Instrument :
BNA_F
ClientSampleId :
WCS-TP1

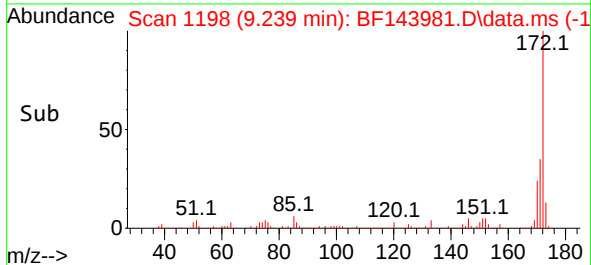
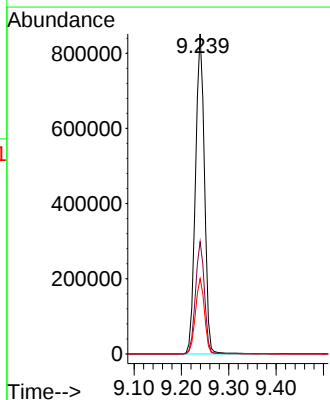
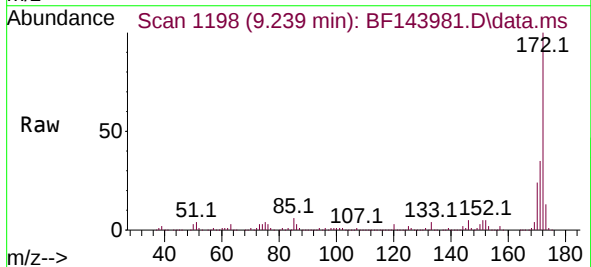


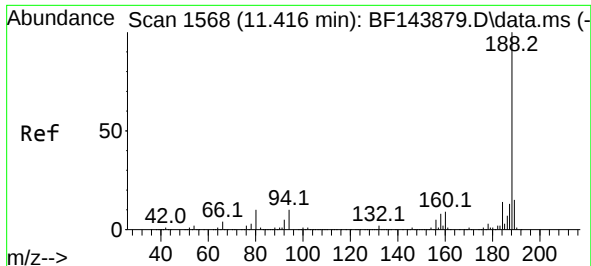
Tgt Ion:330 Resp: 298689
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 22.7 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 86.856 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143981.D
Acq: 16 Oct 2025 16:09

Tgt Ion:172 Resp: 1128021
Ion Ratio Lower Upper
172 100
171 35.1 27.4 41.0
170 23.5 18.6 28.0

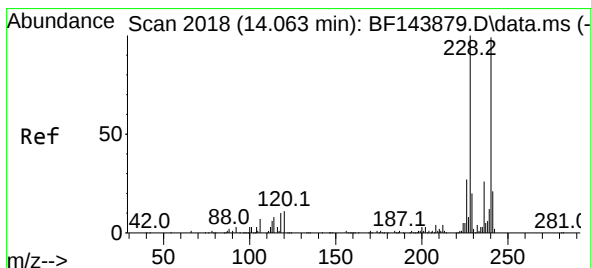
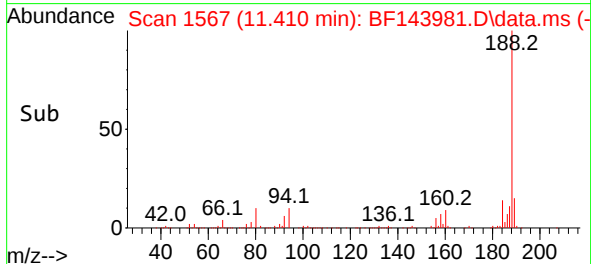
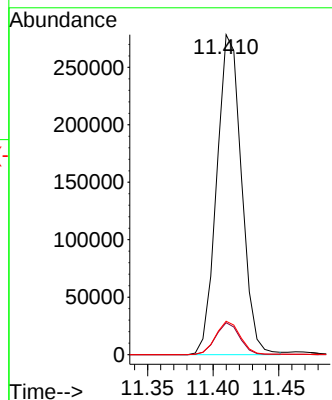
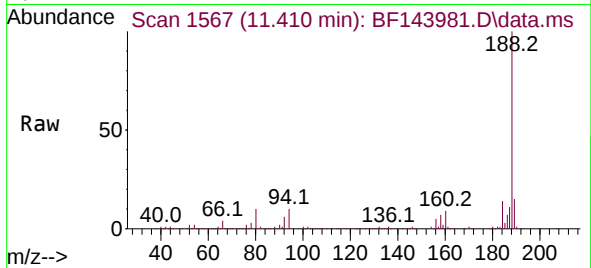




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143981.D
Acq: 16 Oct 2025 16:09

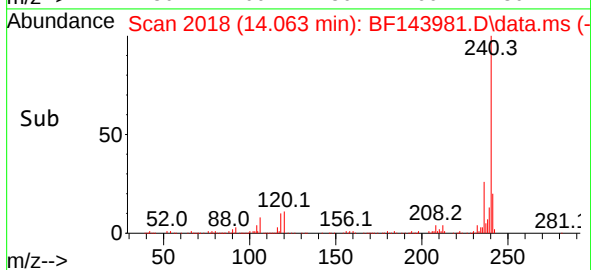
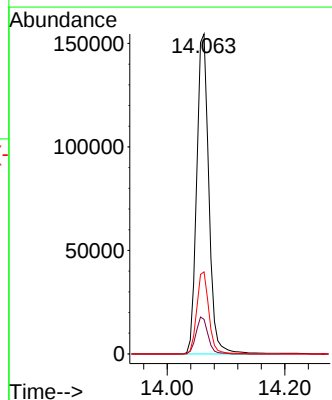
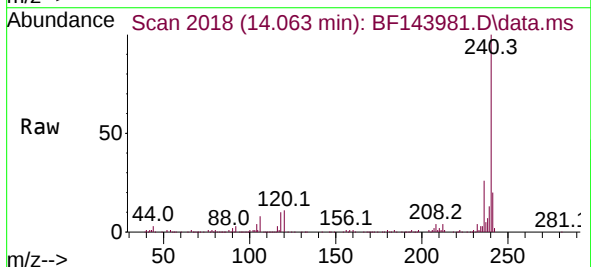
Instrument :
BNA_F
ClientSampleId :
WCS-TP1

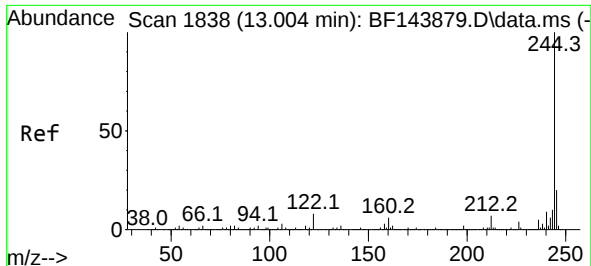
Tgt Ion:188 Resp: 366175
Ion Ratio Lower Upper
188 100
94 10.0 7.8 11.6
80 10.4 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143981.D
Acq: 16 Oct 2025 16:09

Tgt Ion:240 Resp: 221255
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 25.7 21.1 31.7

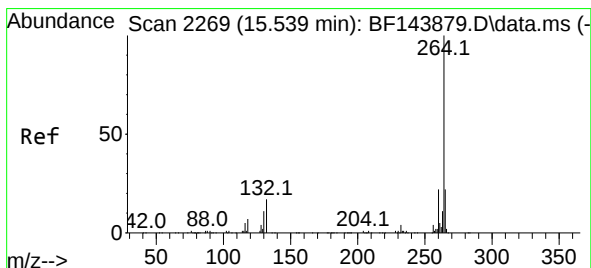
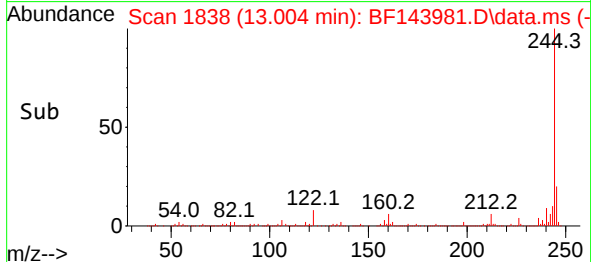
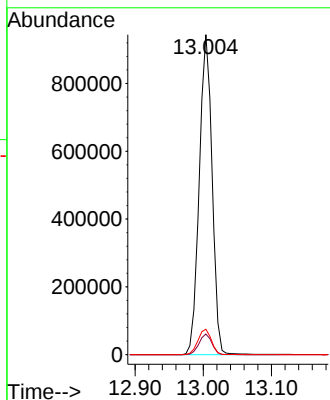
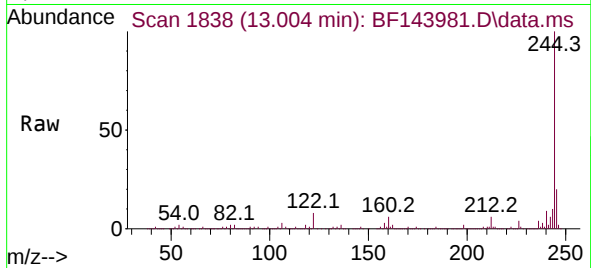




#79
 Terphenyl-d14
 Concen: 95.485 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143981.D
 Acq: 16 Oct 2025 16:09

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP1

Tgt Ion:244 Resp: 1236135
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 7.9 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF143981.D
 Acq: 16 Oct 2025 16:09

Tgt Ion:264 Resp: 242239
 Ion Ratio Lower Upper
 264 100
 260 22.0 17.8 26.8
 265 21.6 17.5 26.3

