

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101625\
 Data File : BF143982.D
 Acq On : 16 Oct 2025 16:38
 Operator : RC/JU
 Sample : Q3348-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP2

Quant Time: Oct 16 17:29:26 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	103400	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	405500	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	217773	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	382789	20.000	ng	0.00
76) Chrysene-d12	14.063	240	231729	20.000	ng	0.00
86) Perylene-d12	15.551	264	248294	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	758525	116.492	ng	0.01
7) Phenol-d6	6.504	99	845145	108.892	ng	-0.01
23) Nitrobenzene-d5	7.439	82	601211	90.078	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	292869	135.021	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1119752	81.588	ng	-0.01
79) Terphenyl-d14	13.004	244	1217749	89.813	ng	0.00

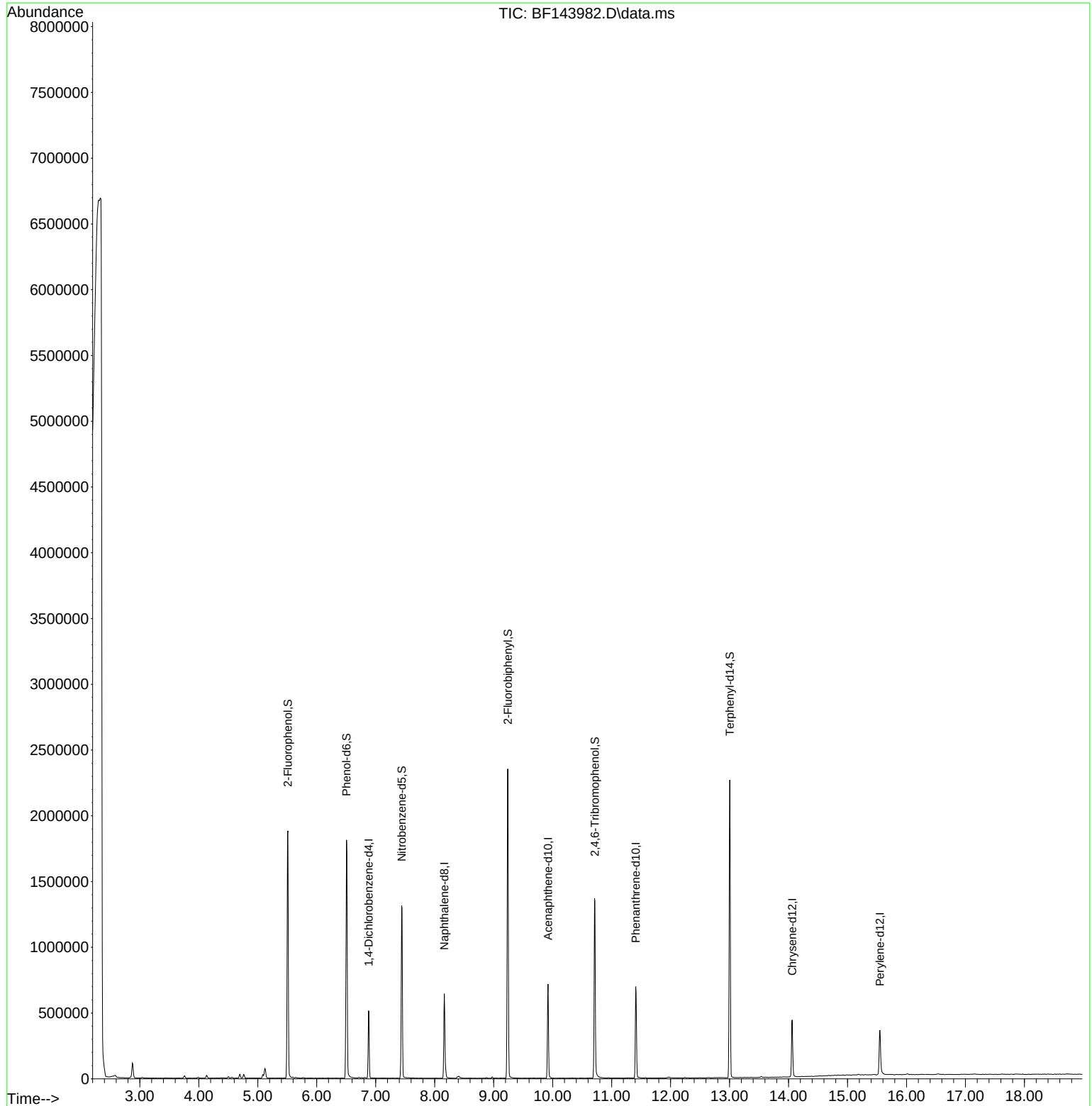
Target Compounds	Qvalue

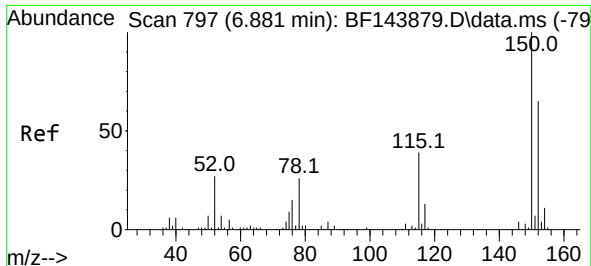
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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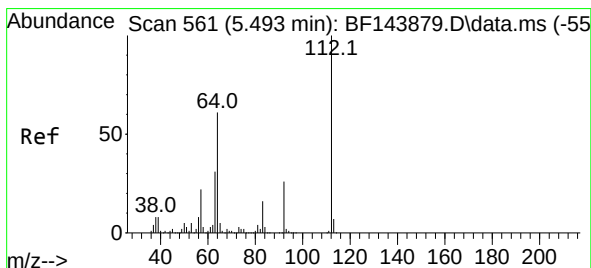
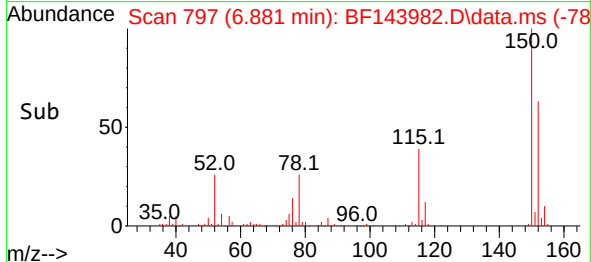
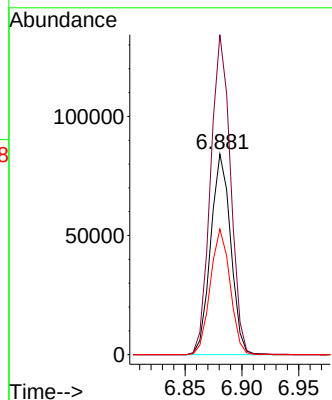
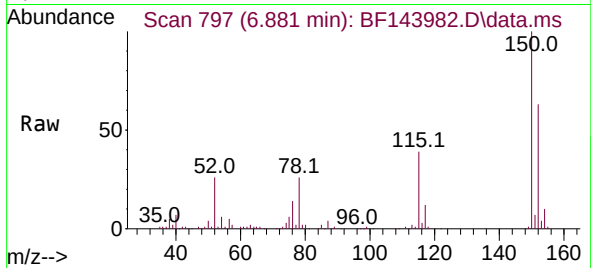




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143982.D
Acq: 16 Oct 2025 16:38

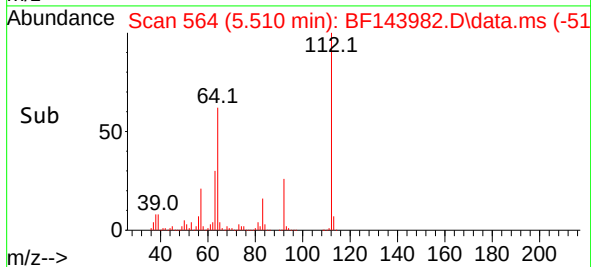
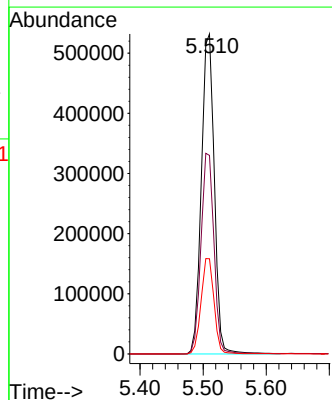
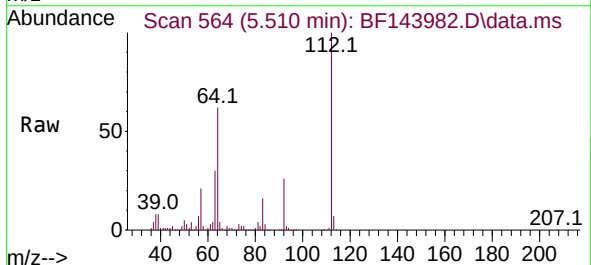
Instrument :
BNA_F
ClientSampleId :
WCS-TP2

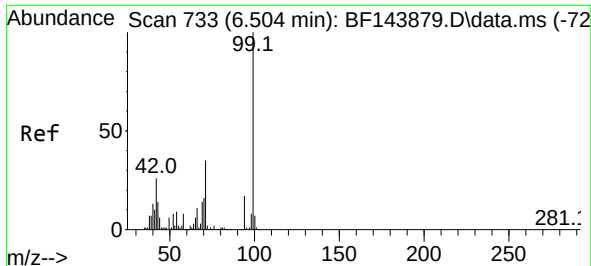
Tgt Ion:152 Resp: 103400
Ion Ratio Lower Upper
152 100
150 159.7 124.4 186.6
115 62.7 48.1 72.1



#5
2-Fluorophenol
Concen: 116.492 ng
RT: 5.510 min Scan# 564
Delta R.T. 0.012 min
Lab File: BF143982.D
Acq: 16 Oct 2025 16:38

Tgt Ion:112 Resp: 758525
Ion Ratio Lower Upper
112 100
64 62.0 49.1 73.7
63 29.8 24.5 36.7

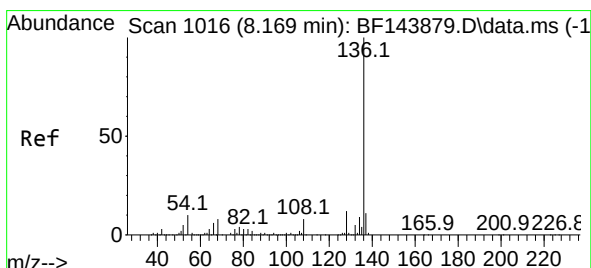
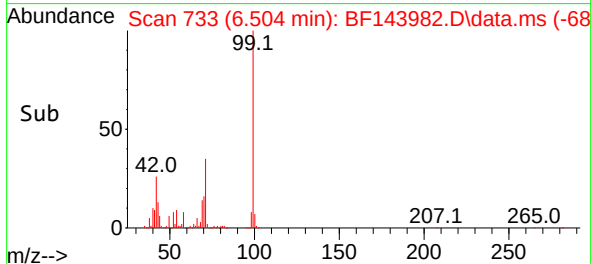
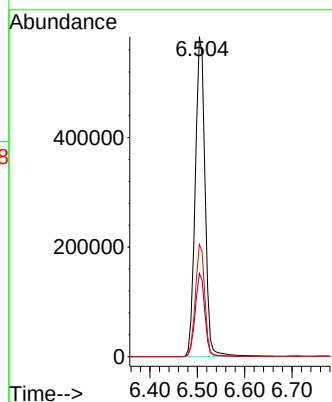
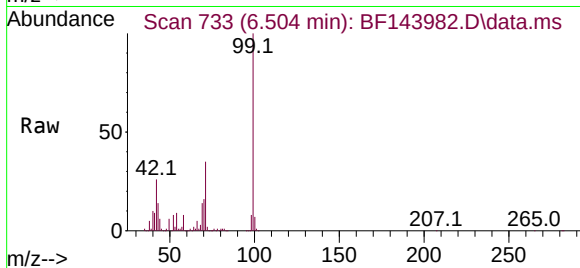




#7
Phenol-d6
Concen: 108.892 ng
RT: 6.504 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF143982.D
Acq: 16 Oct 2025 16:38

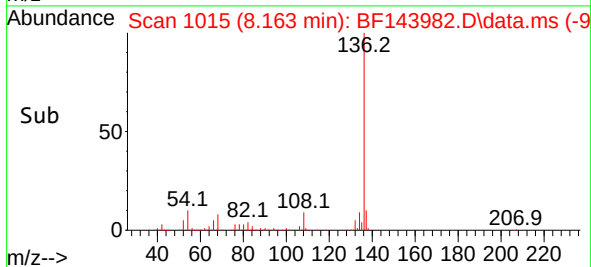
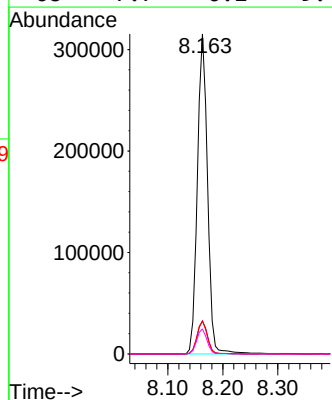
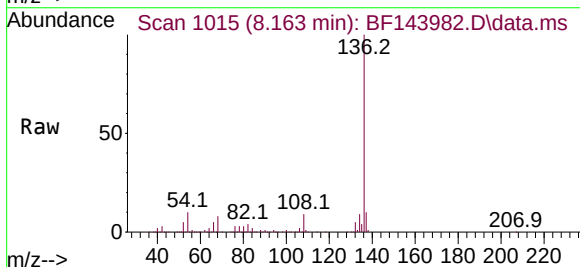
Instrument :
BNA_F
ClientSampleId :
WCS-TP2

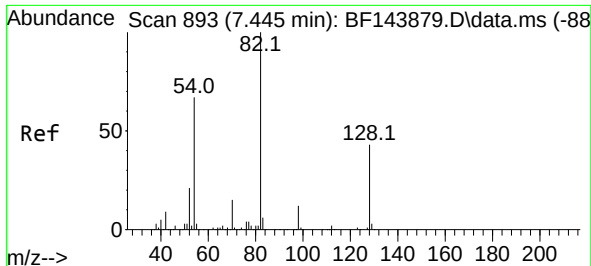
Tgt Ion:	99	Resp:	845145
Ion	Ratio	Lower	Upper
99	100		
42	26.0	21.0	31.4
71	35.0	27.8	41.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143982.D
Acq: 16 Oct 2025 16:38

Tgt Ion:	136	Resp:	405500
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.5	12.7
54	10.2	8.2	12.4
68	7.7	6.2	9.4





#23

Nitrobenzene-d5

Concen: 90.078 ng

RT: 7.439 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF143982.D

Acq: 16 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

WCS-TP2

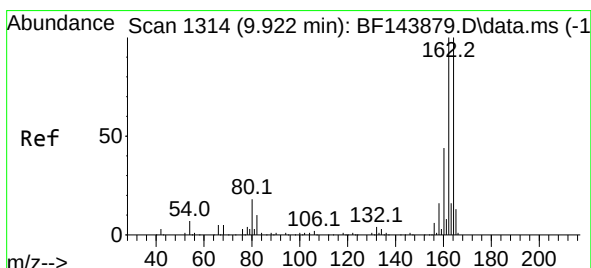
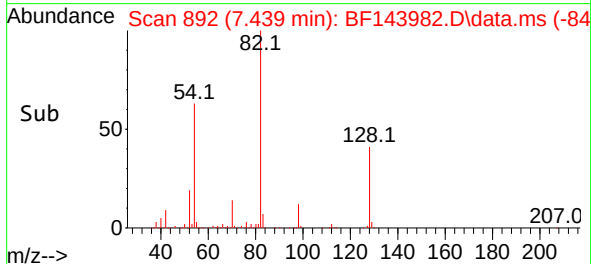
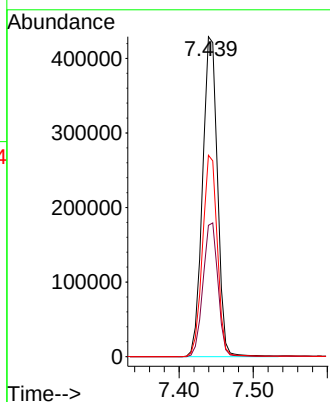
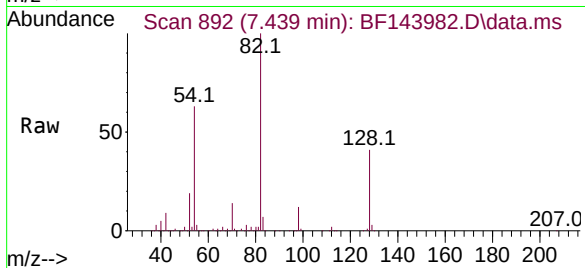
Tgt Ion: 82 Resp: 601211

Ion Ratio Lower Upper

82 100

128 41.0 34.0 51.0

54 62.9 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: BF143982.D

Acq: 16 Oct 2025 16:38

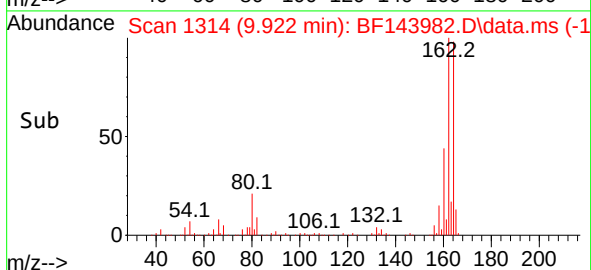
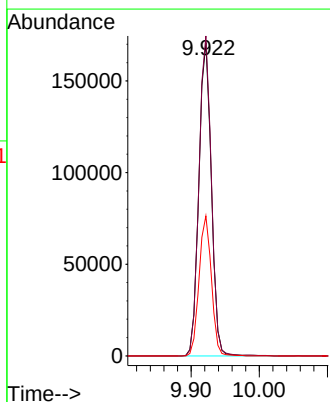
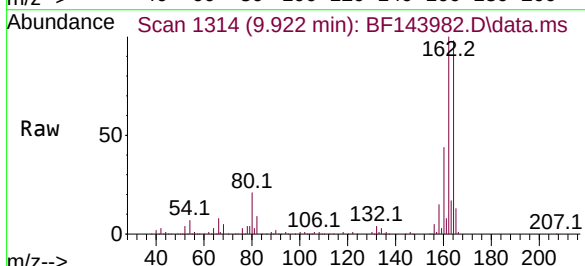
Tgt Ion: 164 Resp: 217773

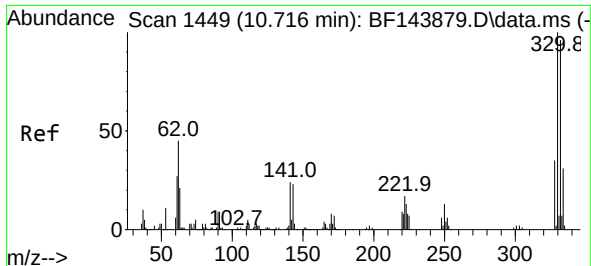
Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

160 44.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 135.021 ng

RT: 10.716 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF143982.D

Acq: 16 Oct 2025 16:38

Instrument :

BNA_F

ClientSampleId :

WCS-TP2

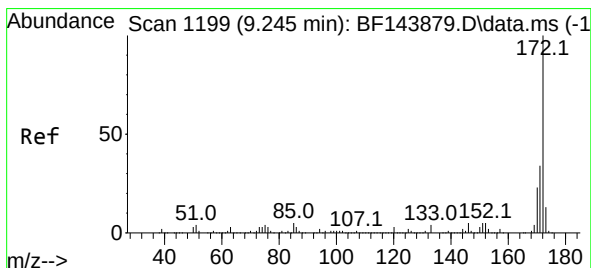
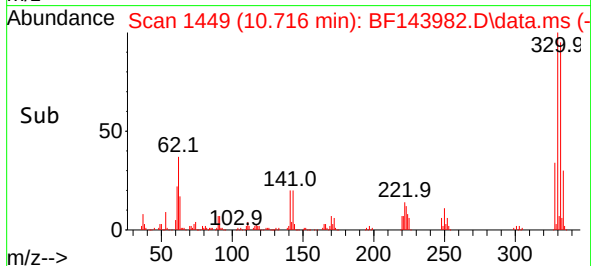
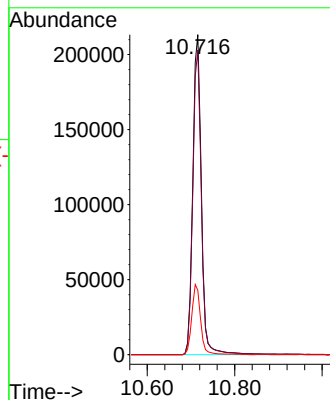
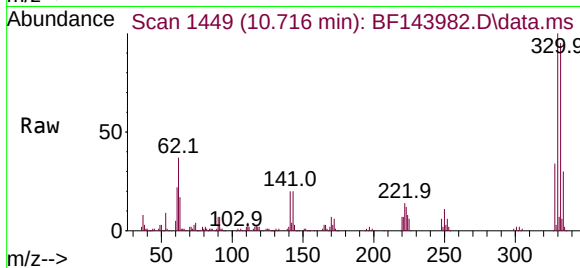
Tgt Ion:330 Resp: 292869

Ion Ratio Lower Upper

330 100

332 94.7 76.9 115.3

141 22.2 20.2 30.4



#45

2-Fluorobiphenyl

Concen: 81.588 ng

RT: 9.239 min Scan# 1198

Delta R.T. -0.012 min

Lab File: BF143982.D

Acq: 16 Oct 2025 16:38

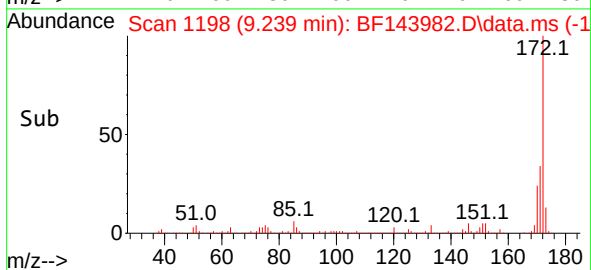
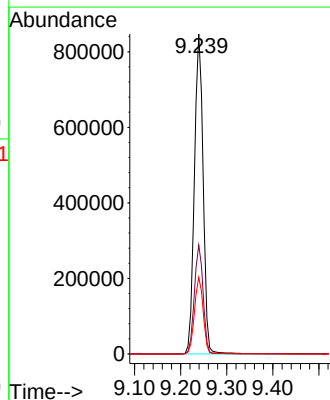
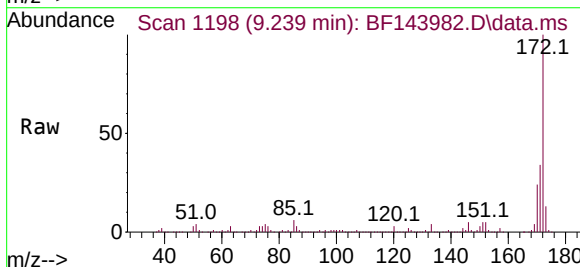
Tgt Ion:172 Resp: 1119752

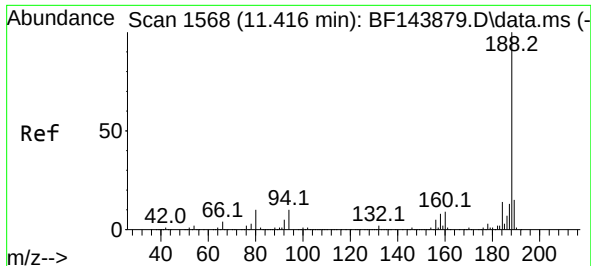
Ion Ratio Lower Upper

172 100

171 34.0 27.4 41.0

170 23.9 18.6 28.0

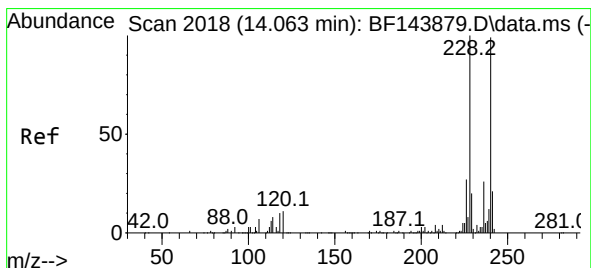
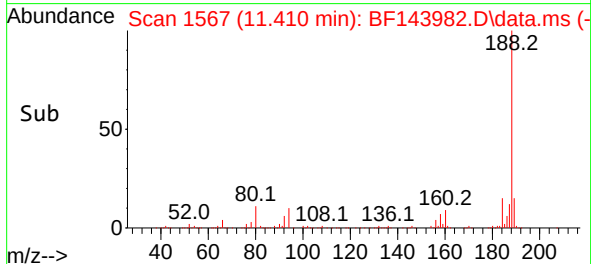
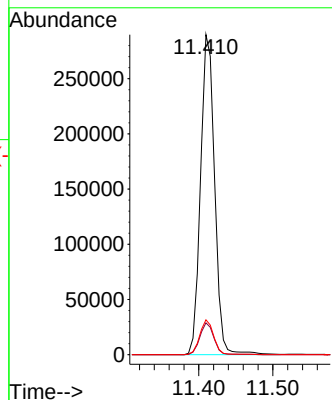
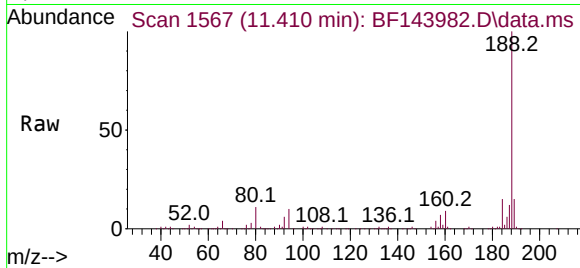




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143982.D
Acq: 16 Oct 2025 16:38

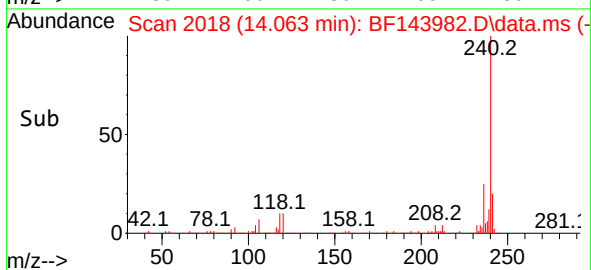
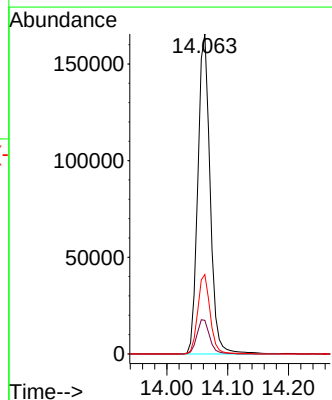
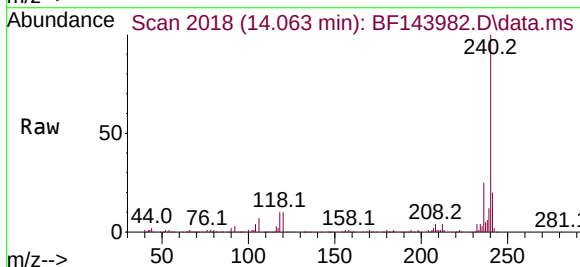
Instrument :
BNA_F
ClientSampleId :
WCS-TP2

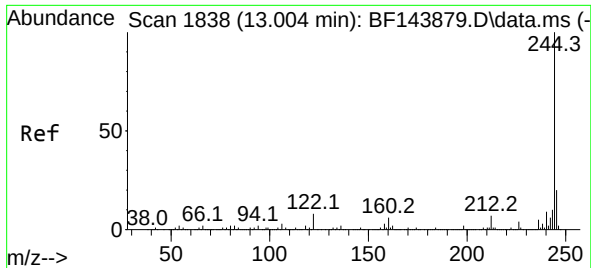
Tgt Ion:188 Resp: 382789
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.6
80 10.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143982.D
Acq: 16 Oct 2025 16:38

Tgt Ion:240 Resp: 231729
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 24.8 21.1 31.7

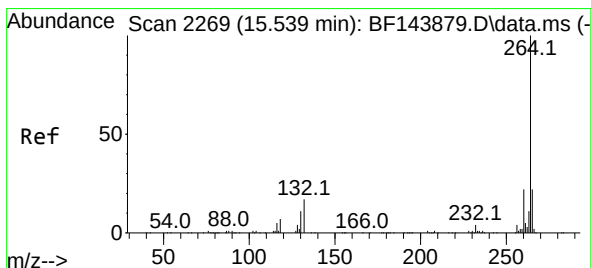
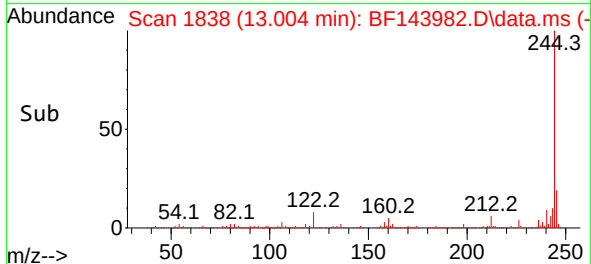
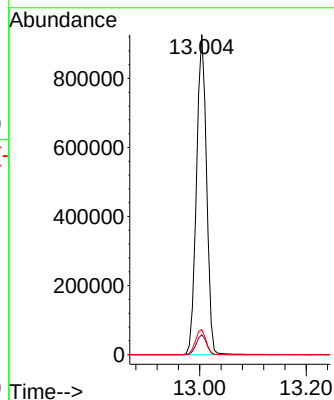
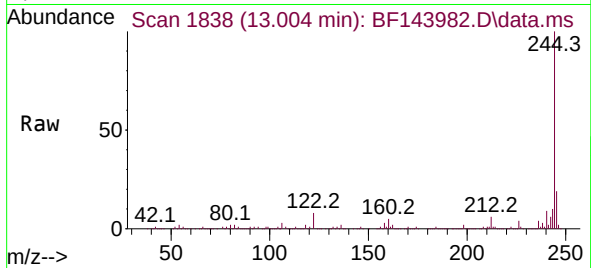




#79
 Terphenyl-d14
 Concen: 89.813 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143982.D
 Acq: 16 Oct 2025 16:38

Instrument :
 BNA_F
 ClientSampleId :
 WCS-TP2

Tgt Ion:244 Resp: 1217749
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 7.8 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF143982.D
 Acq: 16 Oct 2025 16:38

Tgt Ion:264 Resp: 248294
 Ion Ratio Lower Upper
 264 100
 260 21.6 17.8 26.8
 265 21.0 17.5 26.3

