

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101525\
 Data File : BF143957.D
 Acq On : 15 Oct 2025 17:28
 Operator : RC/JU
 Sample : Q3345-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TANK-FARM-WATER

Quant Time: Oct 16 11:10:09 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	109644	20.00	ng	0.00
21) Naphthalene-d8	8.163	136	420676	20.00	ng	0.00
39) Acenaphthene-d10	9.922	164	236493	20.00	ng	0.00
64) Phenanthrene-d10	11.410	188	411969	20.00	ng	0.00
76) Chrysene-d12	14.057	240	237896	20.00	ng	-0.01
86) Perylene-d12	15.545	264	209694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	451487	65.39	ng	0.00
7) Phenol-d6	6.498	99	350086	42.54	ng	-0.02
23) Nitrobenzene-d5	7.439	82	652721	94.27	ng	-0.02
42) 2,4,6-Tribromophenol	10.716	330	315634	134.00	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1227338	82.35	ng	-0.01
79) Terphenyl-d14	13.004	244	1337328	96.08	ng	0.00

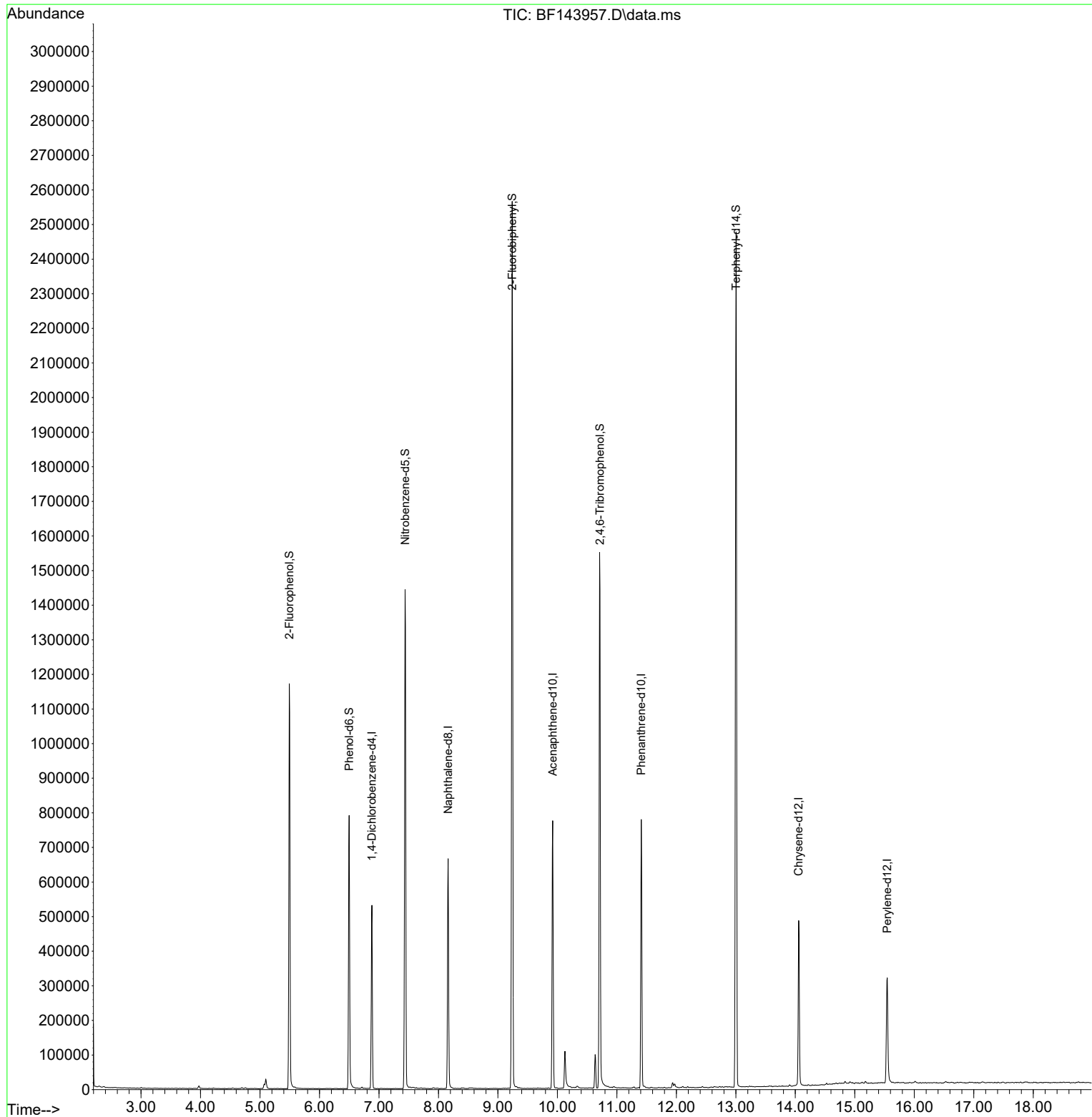
Target Compounds	Qvalue

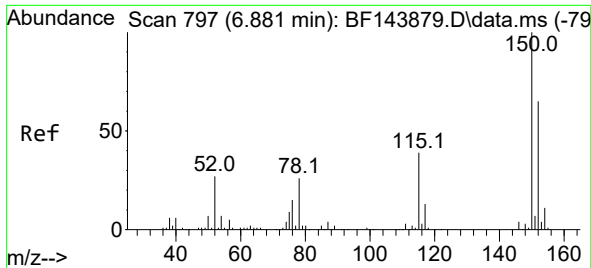
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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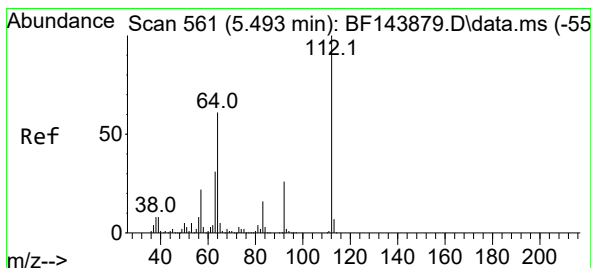
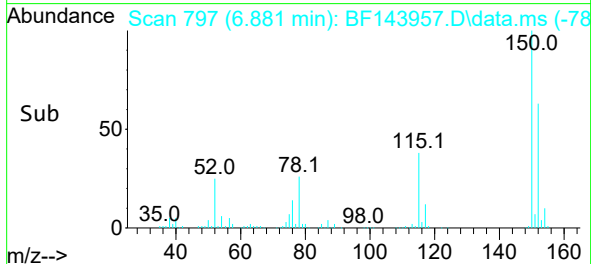
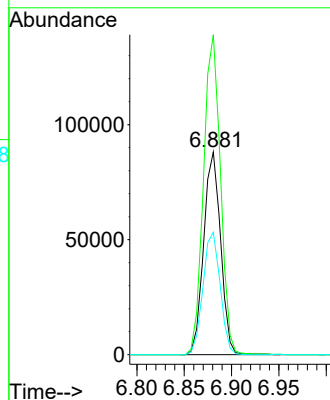
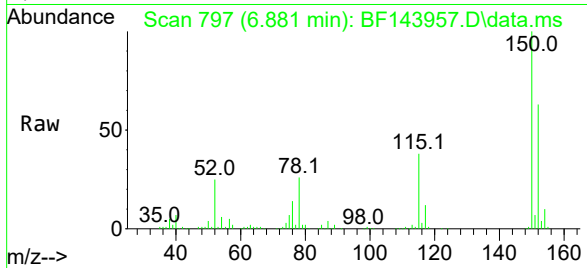




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.881 min Scan# 797
Delta R.T. -0.005 min
Lab File: BF143957.D
Acq: 15 Oct 2025 17:28

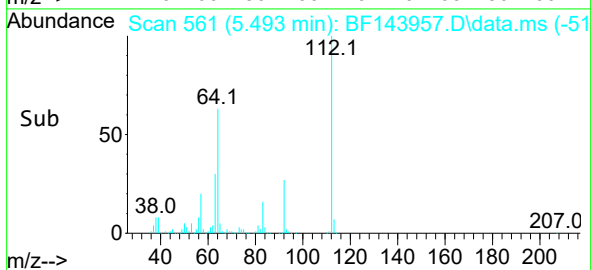
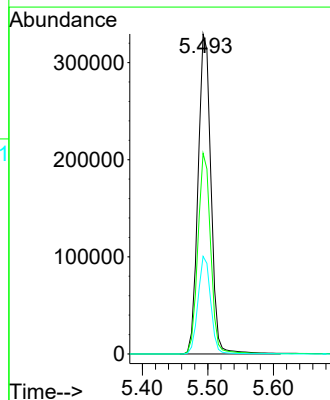
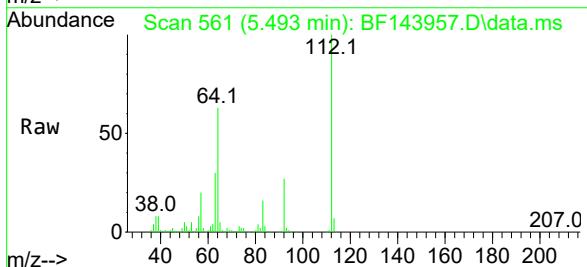
Instrument :
BNA_F
ClientSampleId :
TANK-FARM-WATER

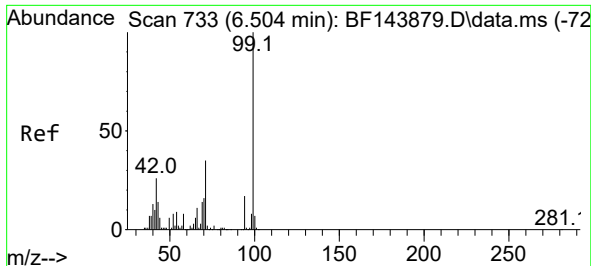
Tgt Ion:152 Resp: 109644
Ion Ratio Lower Upper
152 100
150 157.9 124.4 186.6
115 60.4 48.1 72.1



#5
2-Fluorophenol
Concen: 65.39 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143957.D
Acq: 15 Oct 2025 17:28

Tgt Ion:112 Resp: 451487
Ion Ratio Lower Upper
112 100
64 62.7 49.1 73.7
63 30.5 24.5 36.7

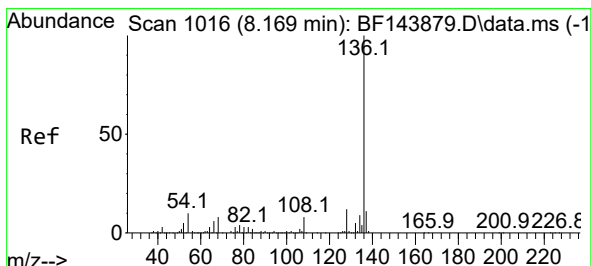
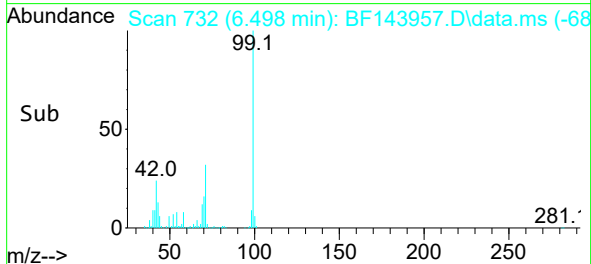
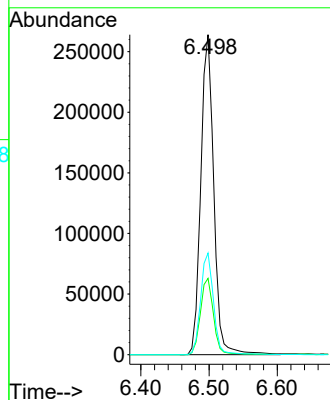
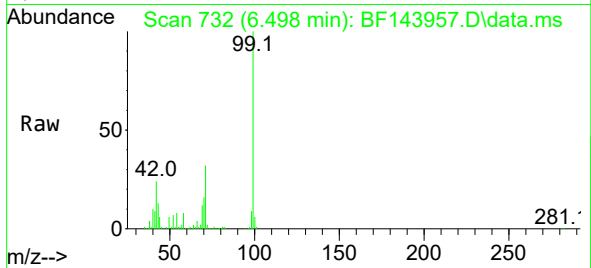




#7
Phenol-d6
Concen: 42.54 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF143957.D
Acq: 15 Oct 2025 17:28

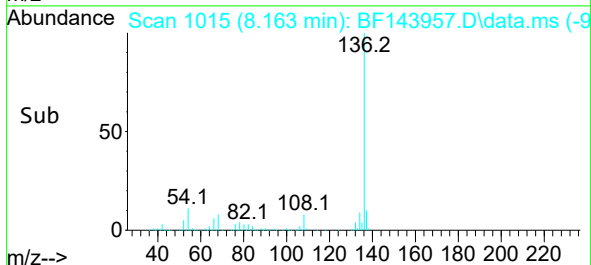
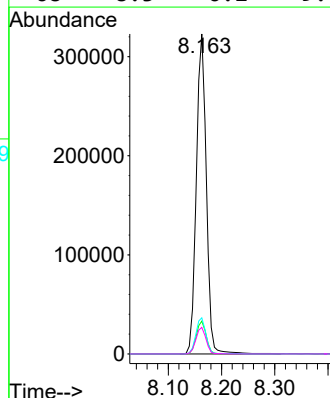
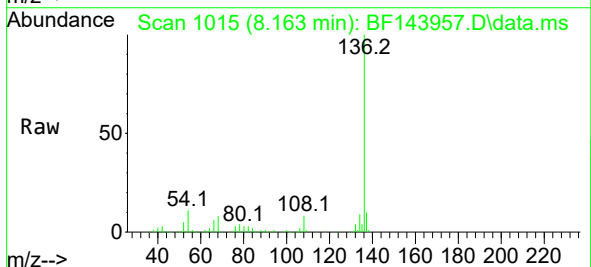
Instrument :
BNA_F
ClientSampleId :
TANK-FARM-WATER

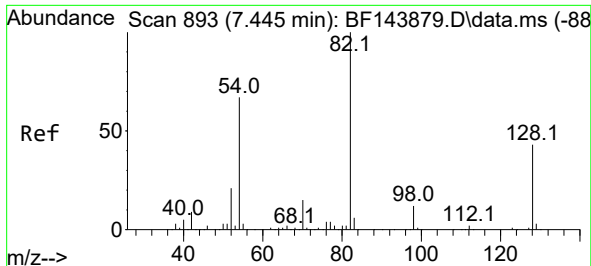
Tgt Ion: 99 Resp: 350086
Ion Ratio Lower Upper
99 100
42 23.8 21.0 31.4
71 31.7 27.8 41.8



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF143957.D
Acq: 15 Oct 2025 17:28

Tgt Ion: 136 Resp: 420676
Ion Ratio Lower Upper
136 100
137 10.2 8.5 12.7
54 11.3 8.2 12.4
68 8.3 6.2 9.4

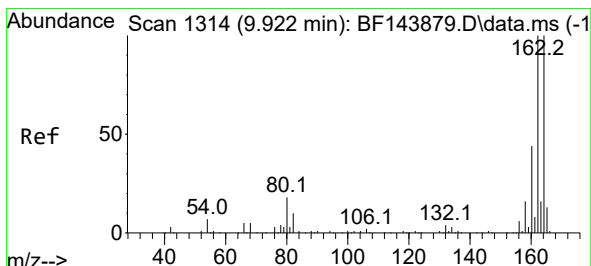
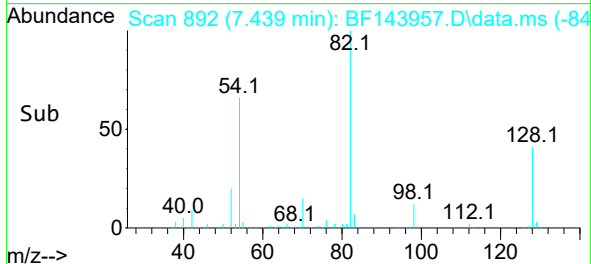
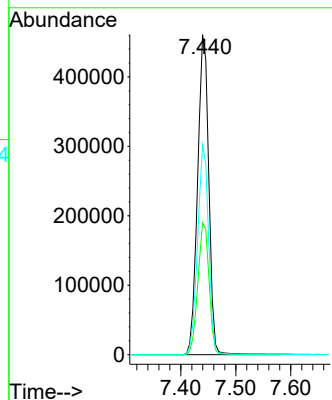
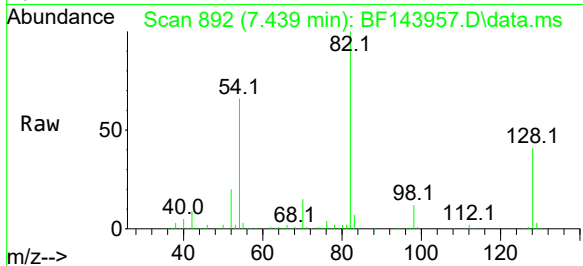




#23
Nitrobenzene-d5
Concen: 94.27 ng
RT: 7.439 min Scan# 893
Delta R.T. -0.018 min
Lab File: BF143957.D
Acq: 15 Oct 2025 17:28

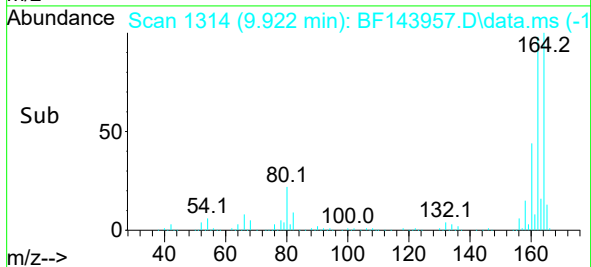
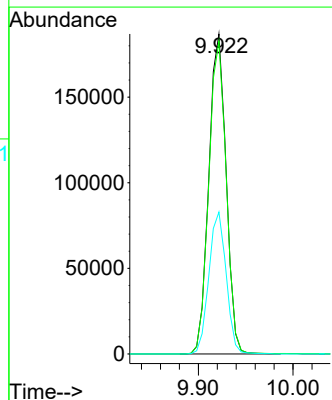
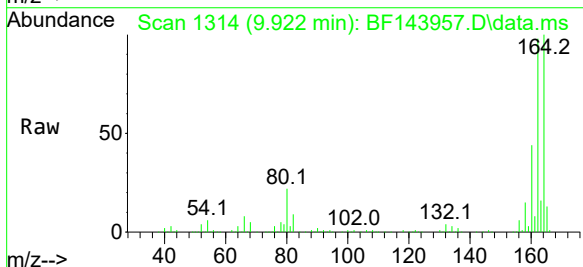
Instrument :
BNA_F
ClientSampleId :
TANK-FARM-WATER

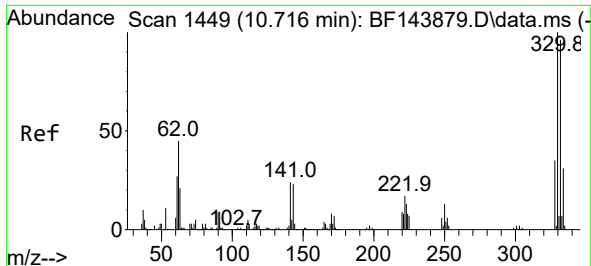
Tgt Ion: 82 Resp: 652721
Ion Ratio Lower Upper
82 100
128 41.2 34.0 51.0
54 65.5 53.2 79.8



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143957.D
Acq: 15 Oct 2025 17:28

Tgt Ion:164 Resp: 236493
Ion Ratio Lower Upper
164 100
162 97.7 80.2 120.2
160 44.3 35.4 53.0

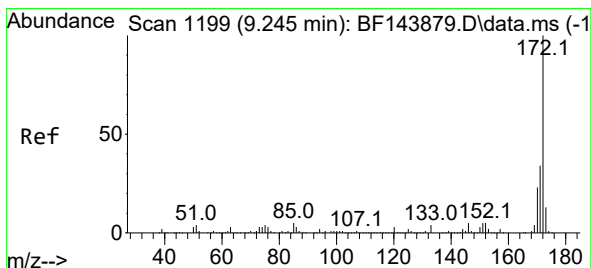
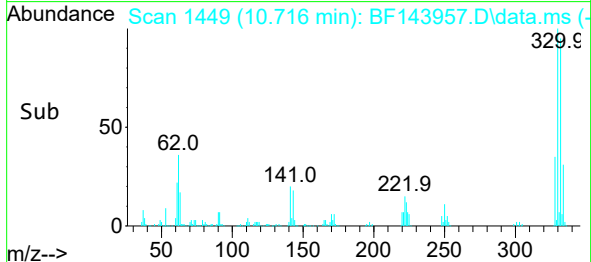
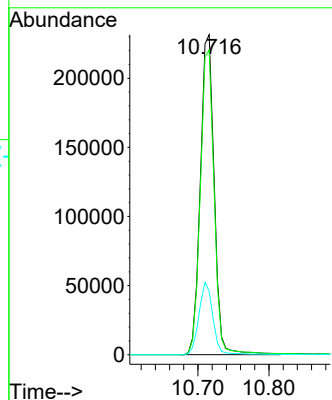
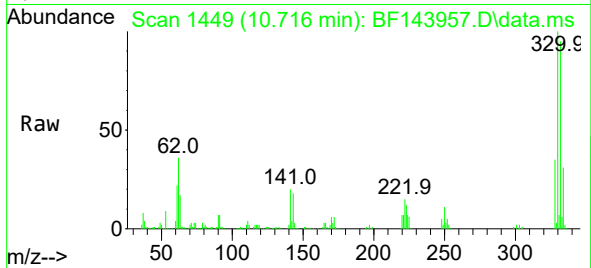




#42
2,4,6-Tribromophenol
Concen: 134.00 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143957.D
Acq: 15 Oct 2025 17:28

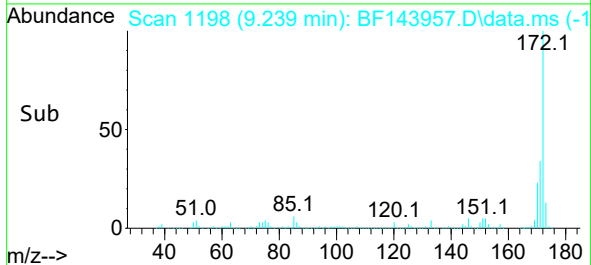
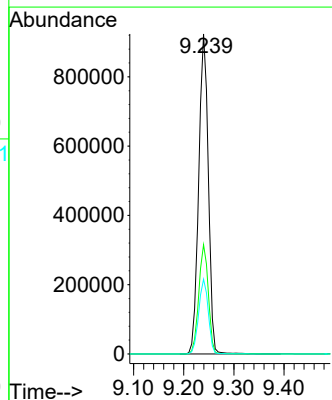
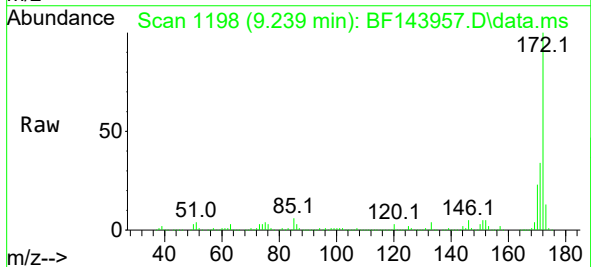
Instrument :
BNA_F
ClientSampleId :
TANK-FARM-WATER

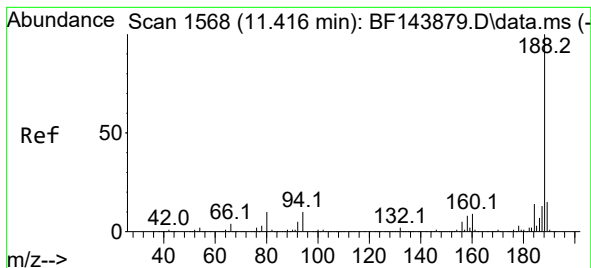
Tgt Ion:330 Resp: 315634
Ion Ratio Lower Upper
330 100
332 94.6 76.9 115.3
141 22.9 20.2 30.4



#45
2-Fluorobiphenyl
Concen: 82.35 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143957.D
Acq: 15 Oct 2025 17:28

Tgt Ion:172 Resp: 1227338
Ion Ratio Lower Upper
172 100
171 34.1 27.4 41.0
170 23.3 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF143957.D

Acq: 15 Oct 2025 17:28

Instrument :

BNA_F

ClientSampleId :

TANK-FARM-WATER

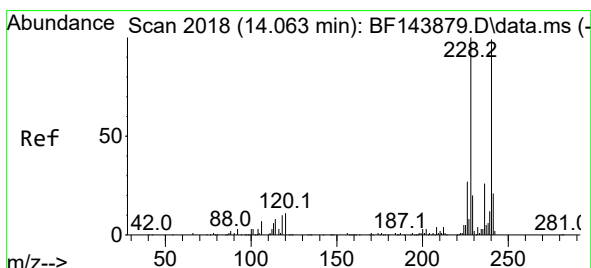
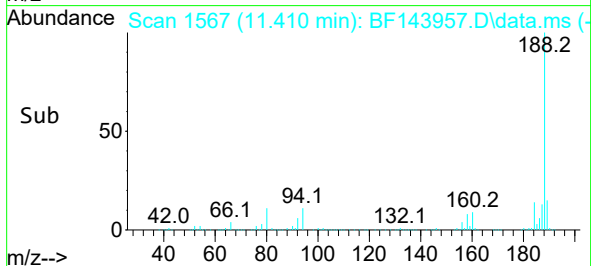
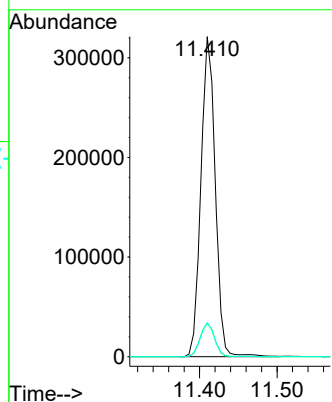
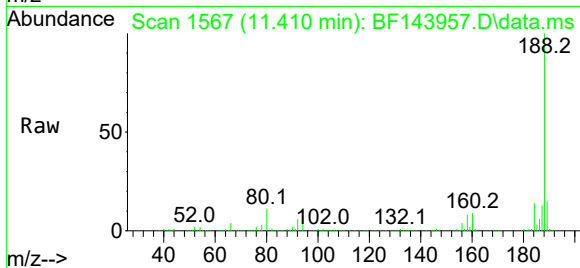
Tgt Ion:188 Resp: 411969

Ion Ratio Lower Upper

188 100

94 10.5 7.8 11.6

80 10.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.011 min

Lab File: BF143957.D

Acq: 15 Oct 2025 17:28

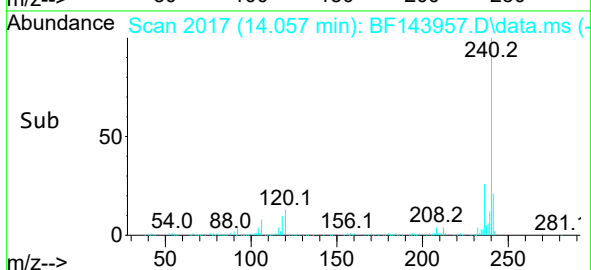
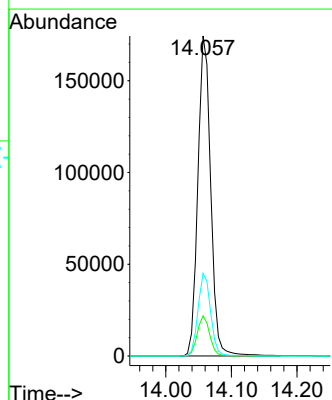
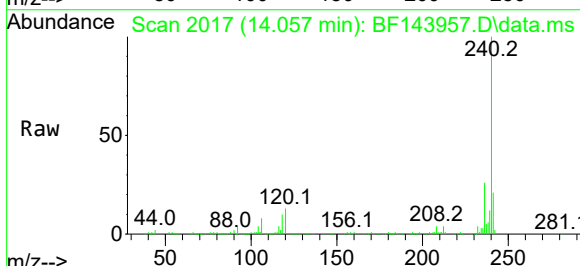
Tgt Ion:240 Resp: 237896

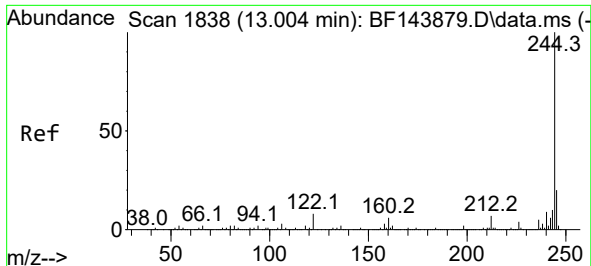
Ion Ratio Lower Upper

240 100

120 12.6 8.6 13.0

236 25.8 21.1 31.7

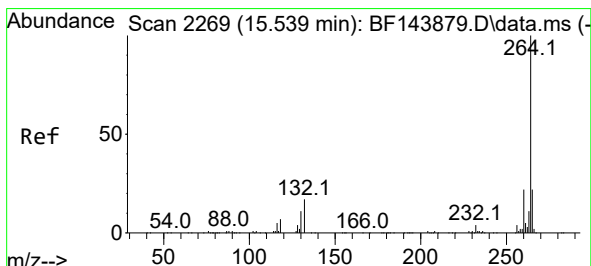
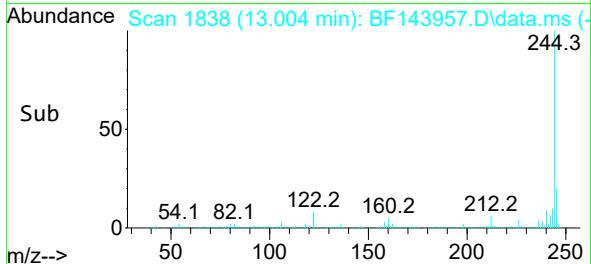
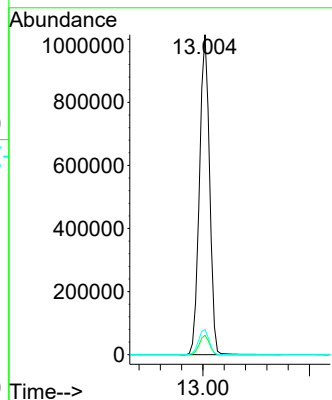
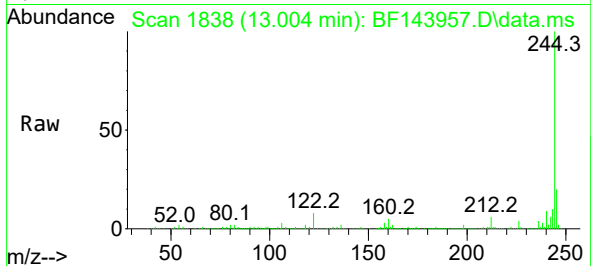




#79
 Terphenyl-d14
 Concen: 96.08 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143957.D
 Acq: 15 Oct 2025 17:28

Instrument :
 BNA_F
 ClientSampleId :
 TANK-FARM-WATER

Tgt Ion:244 Resp: 1337328
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.4 8.0
 122 7.8 6.4 9.6



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2270
 Delta R.T. 0.000 min
 Lab File: BF143957.D
 Acq: 15 Oct 2025 17:28

Tgt Ion:264 Resp: 209694
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.8 26.8
 265 21.4 17.5 26.3

