

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120325\
 Data File : BF144423.D
 Acq On : 03 Dec 2025 17:04
 Operator : RC/JU
 Sample : Q3750-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FENCE WC-2

Quant Time: Dec 03 17:24:55 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 05 18:37:33 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	42424	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	153999	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	74853	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	122046	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	125245	20.000	ng	0.00
86) Perylene-d12	15.527	264	139515	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	295269	108.914	ng	0.00
7) Phenol-d6	6.498	99	305836	99.563	ng	0.00
23) Nitrobenzene-d5	7.422	82	216123	81.054	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	114049	121.417	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	456308	90.035	ng	-0.01
79) Terphenyl-d14	12.980	244	511162	64.828	ng	-0.01

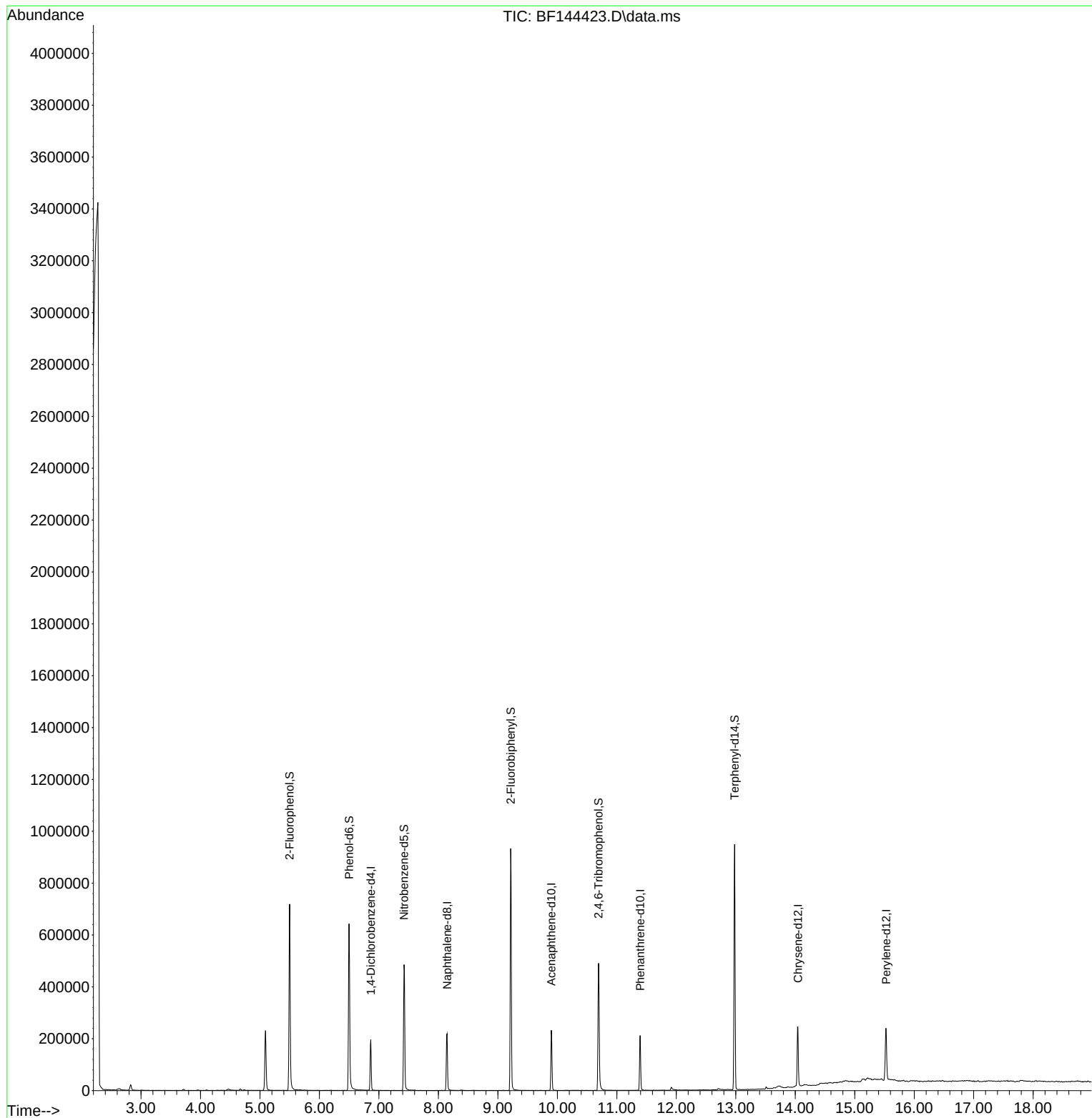
Target Compounds	Qvalue

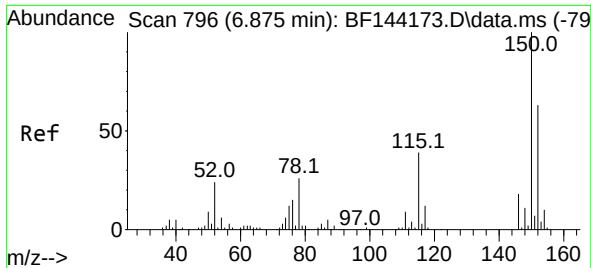
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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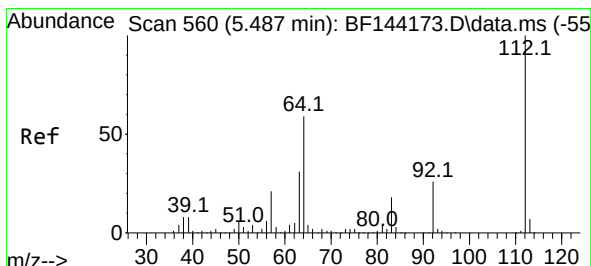
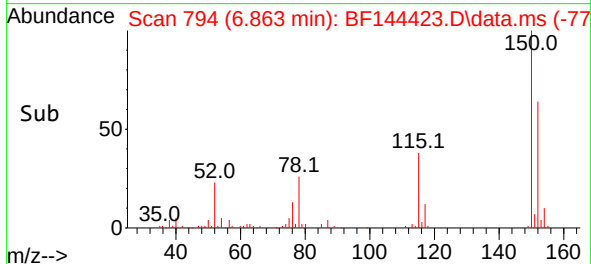
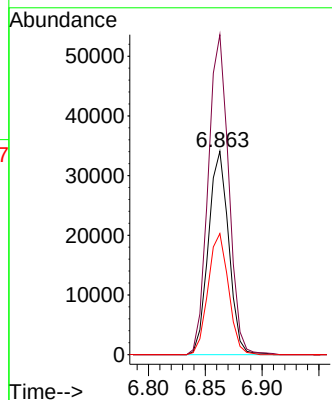
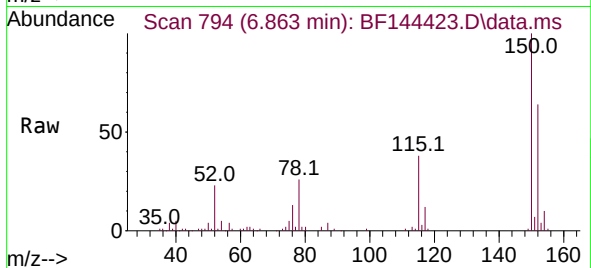




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 796
 Delta R.T. -0.012 min
 Lab File: BF144423.D
 Acq: 03 Dec 2025 17:04

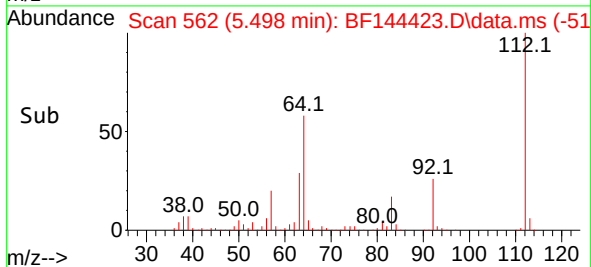
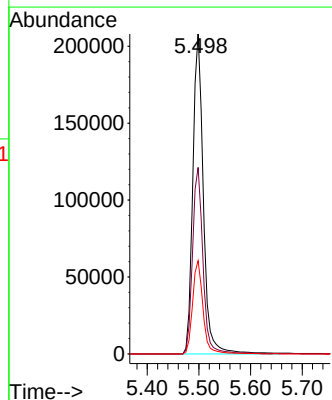
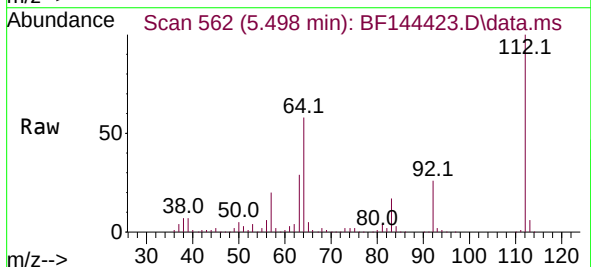
Instrument :
 BNA_F
 ClientSampleId :
 FENCE WC-2

Tgt Ion:152 Resp: 42424
 Ion Ratio Lower Upper
 152 100
 150 157.4 127.4 191.0
 115 59.5 49.5 74.3



#5
 2-Fluorophenol
 Concen: 108.914 ng
 RT: 5.498 min Scan# 562
 Delta R.T. 0.006 min
 Lab File: BF144423.D
 Acq: 03 Dec 2025 17:04

Tgt Ion:112 Resp: 295269
 Ion Ratio Lower Upper
 112 100
 64 58.3 47.2 70.8
 63 29.1 24.4 36.6

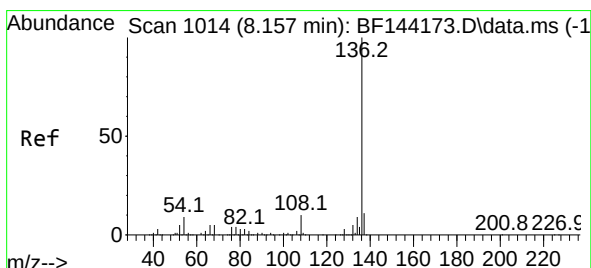
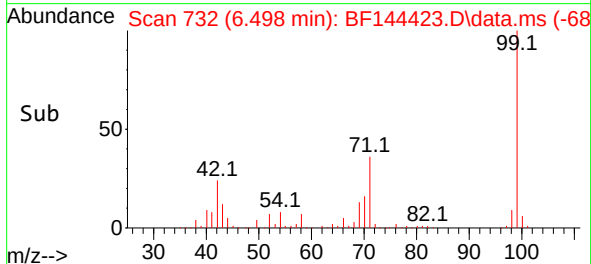
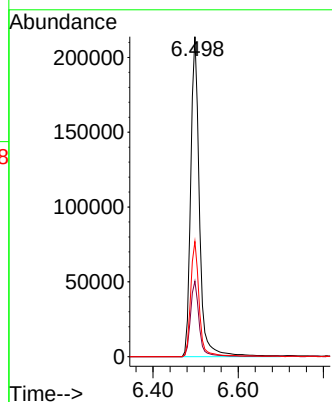
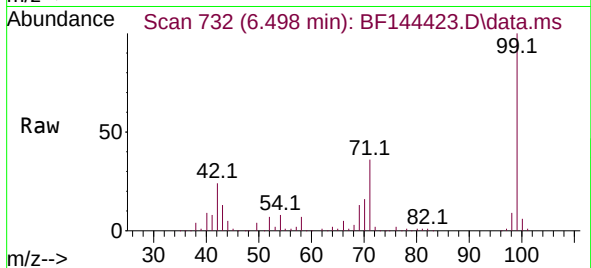




#7
Phenol-d6
Concen: 99.563 ng
RT: 6.498 min Scan# 733
Delta R.T. -0.000 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

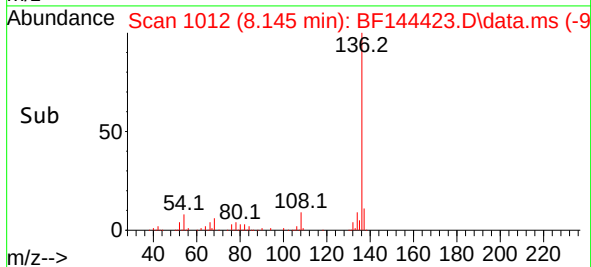
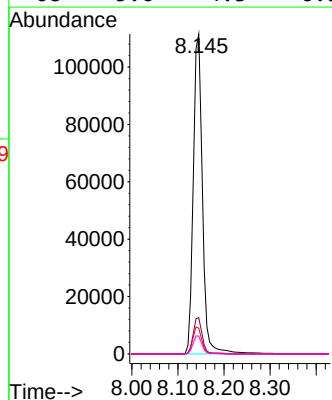
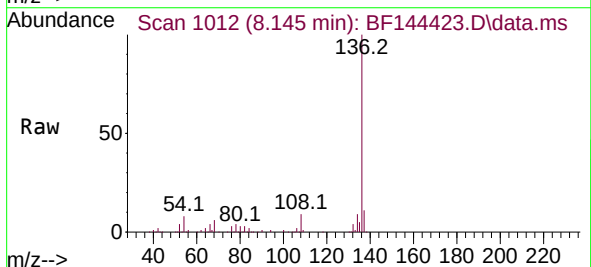
Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

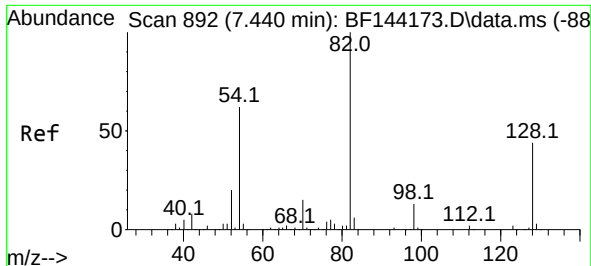
Tgt Ion: 99 Resp: 305836
Ion Ratio Lower Upper
99 100
42 23.6 20.9 31.3
71 36.0 31.4 47.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

Tgt Ion: 136 Resp: 153999
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.0 7.0 10.6
68 5.6 4.3 6.5





#23

Nitrobenzene-d5

Concen: 81.054 ng

RT: 7.422 min Scan# 889

Delta R.T. -0.012 min

Lab File: BF144423.D

Acq: 03 Dec 2025 17:04

Instrument :

BNA_F

ClientSampleId :

FENCE WC-2

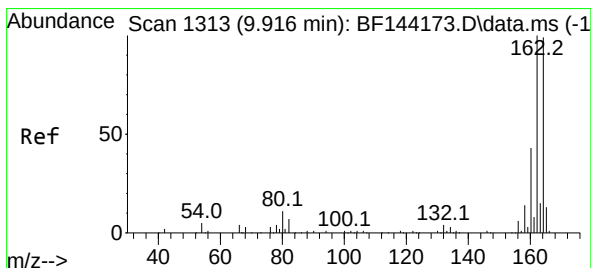
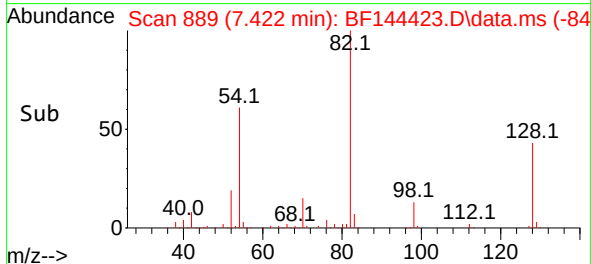
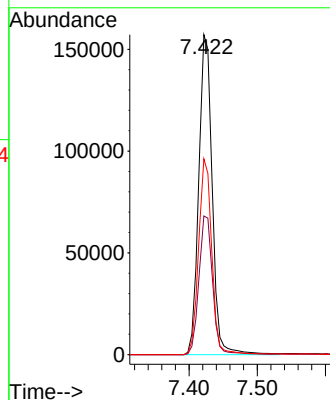
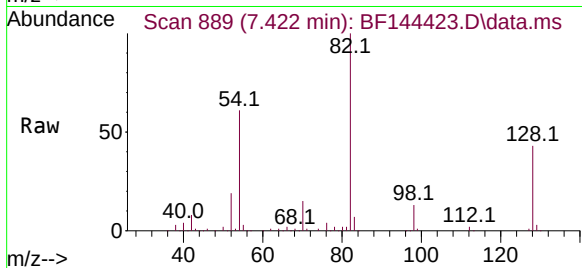
Tgt Ion: 82 Resp: 216123

Ion Ratio Lower Upper

82 100

128 43.3 34.7 52.1

54 61.2 49.5 74.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1310

Delta R.T. -0.018 min

Lab File: BF144423.D

Acq: 03 Dec 2025 17:04

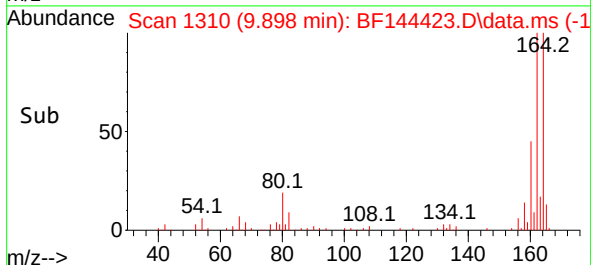
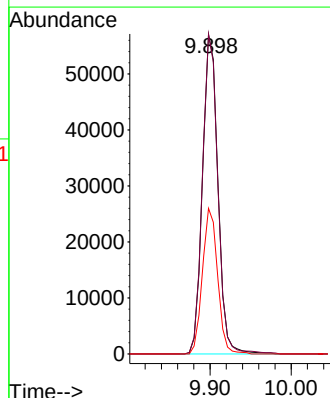
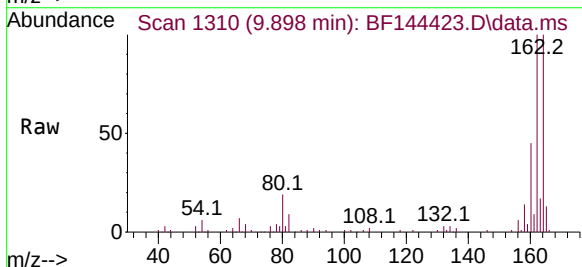
Tgt Ion:164 Resp: 74853

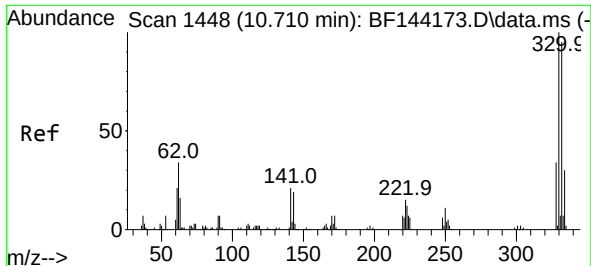
Ion Ratio Lower Upper

164 100

162 100.2 81.1 121.7

160 45.6 34.5 51.7

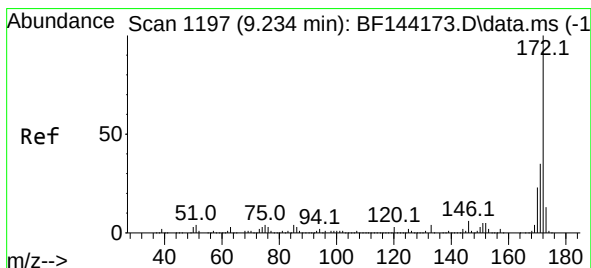
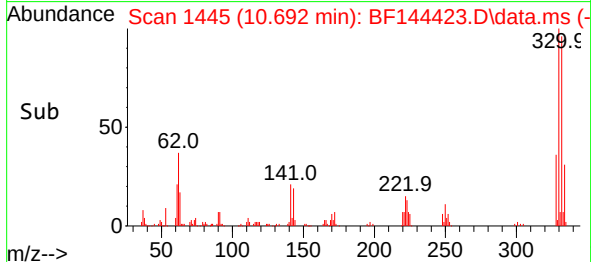
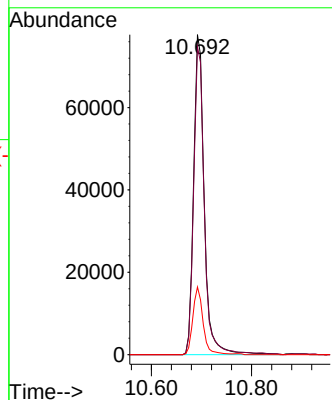
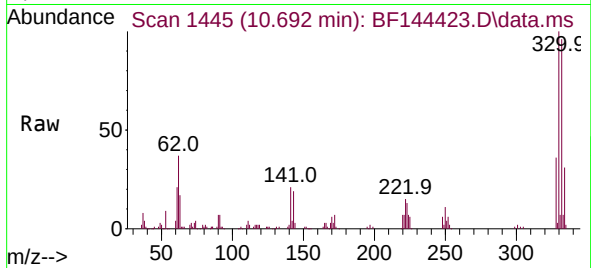




#42
 2,4,6-Tribromophenol
 Concen: 121.417 ng
 RT: 10.692 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF144423.D
 Acq: 03 Dec 2025 17:04

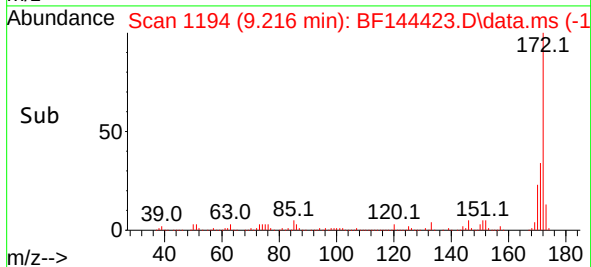
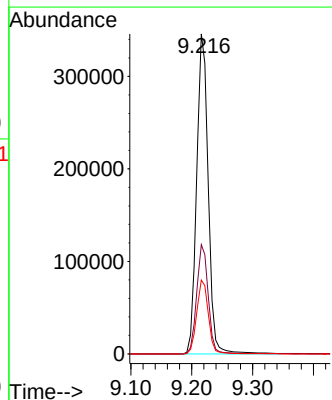
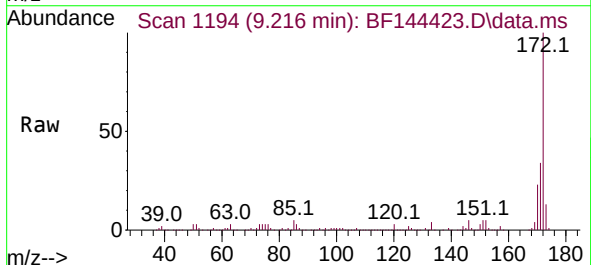
Instrument :
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 FENCE WC-2

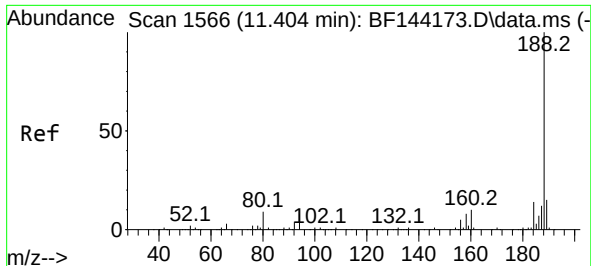
Tgt Ion: 330 Resp: 114049
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.7 115.1
 141 20.2 17.8 26.8



#45
 2-Fluorobiphenyl
 Concen: 90.035 ng
 RT: 9.216 min Scan# 1194
 Delta R.T. -0.012 min
 Lab File: BF144423.D
 Acq: 03 Dec 2025 17:04

Tgt Ion: 172 Resp: 456308
 Ion Ratio Lower Upper
 172 100
 171 34.1 28.1 42.1
 170 23.1 18.6 28.0

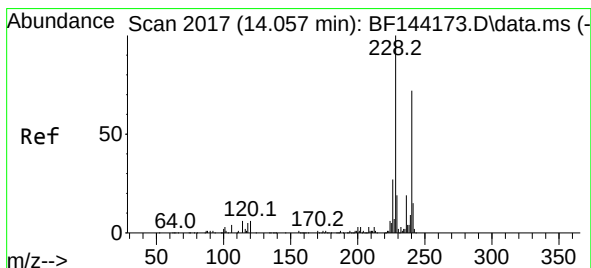
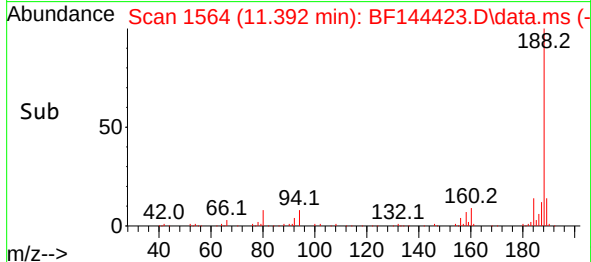
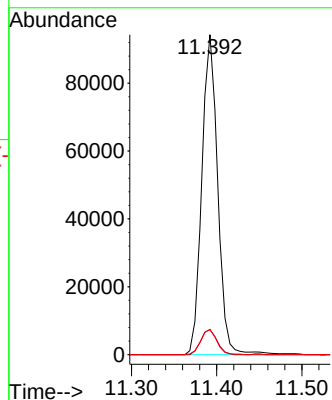
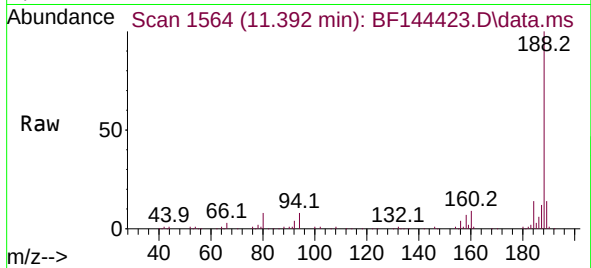




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

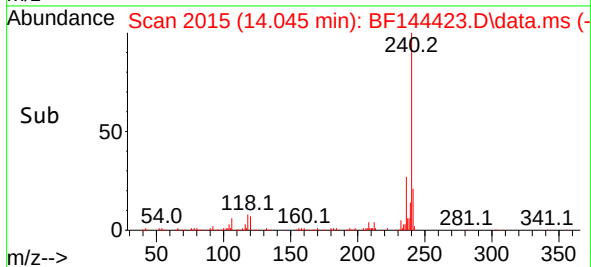
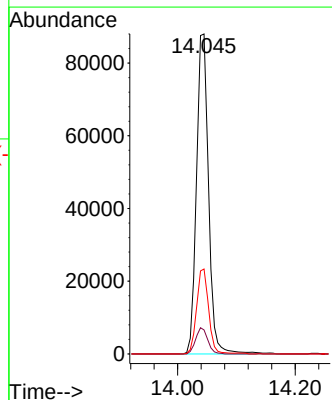
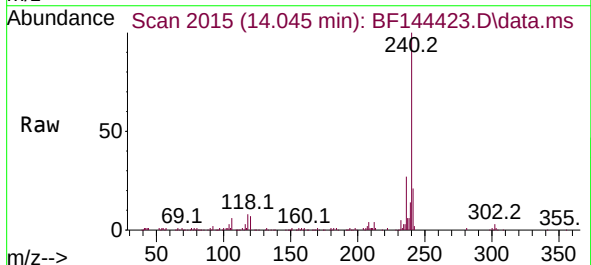
Instrument :
BNA_F
ClientSampleId :
FENCE WC-2

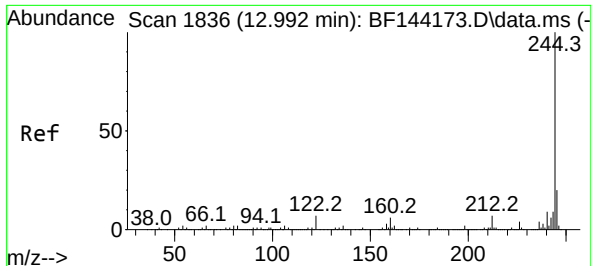
Tgt Ion:188 Resp: 122046
Ion Ratio Lower Upper
188 100
94 7.8 6.2 9.2
80 7.9 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF144423.D
Acq: 03 Dec 2025 17:04

Tgt Ion:240 Resp: 125245
Ion Ratio Lower Upper
240 100
120 7.5 6.6 10.0
236 26.5 21.4 32.2

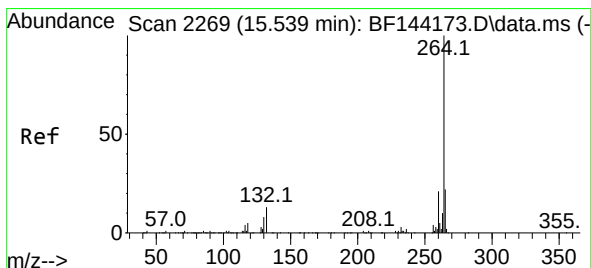
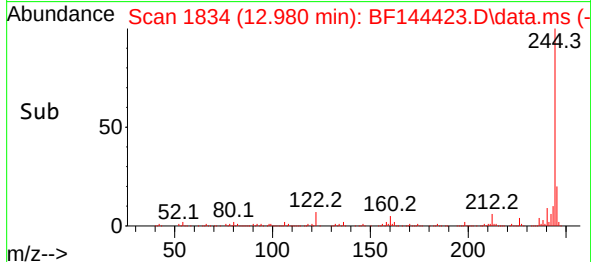
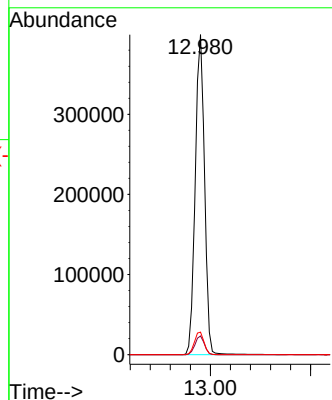
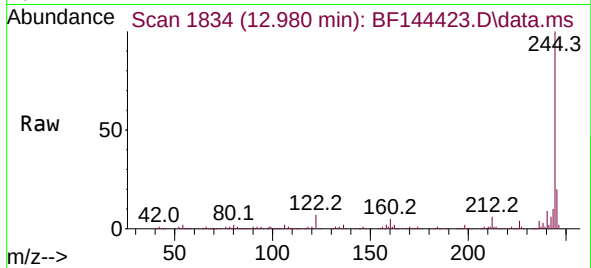




#79
 Terphenyl-d14
 Concen: 64.828 ng
 RT: 12.980 min Scan# 1836
 Delta R.T. -0.012 min
 Lab File: BF144423.D
 Acq: 03 Dec 2025 17:04

Instrument :
 BNA_F
 ClientSampleId :
 FENCE WC-2

Tgt Ion:244 Resp: 511162
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.3 7.9
 122 7.0 5.6 8.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2267
 Delta R.T. -0.012 min
 Lab File: BF144423.D
 Acq: 03 Dec 2025 17:04

Tgt Ion:264 Resp: 139515
 Ion Ratio Lower Upper
 264 100
 260 22.5 17.1 25.7
 265 21.9 17.4 26.0

