

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF103025\
 Data File : BF144151.D
 Acq On : 30 Oct 2025 20:35
 Operator : RC/JU
 Sample : Q3482-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Quant Time: Oct 31 01:11:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102425.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 24 17:30:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	66433	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	257405	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	133386	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	193847	20.000	ng	# 0.00
76) Chrysene-d12	14.051	240	185457	20.000	ng	0.00
86) Perylene-d12	15.539	264	228807	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	240302	57.228	ng	0.00
7) Phenol-d6	6.504	99	303740	65.498	ng	0.00
23) Nitrobenzene-d5	7.434	82	213388	45.418	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	68624	40.389	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	466537	49.219	ng	0.00
79) Terphenyl-d14	12.992	244	404385	38.120	ng	0.00

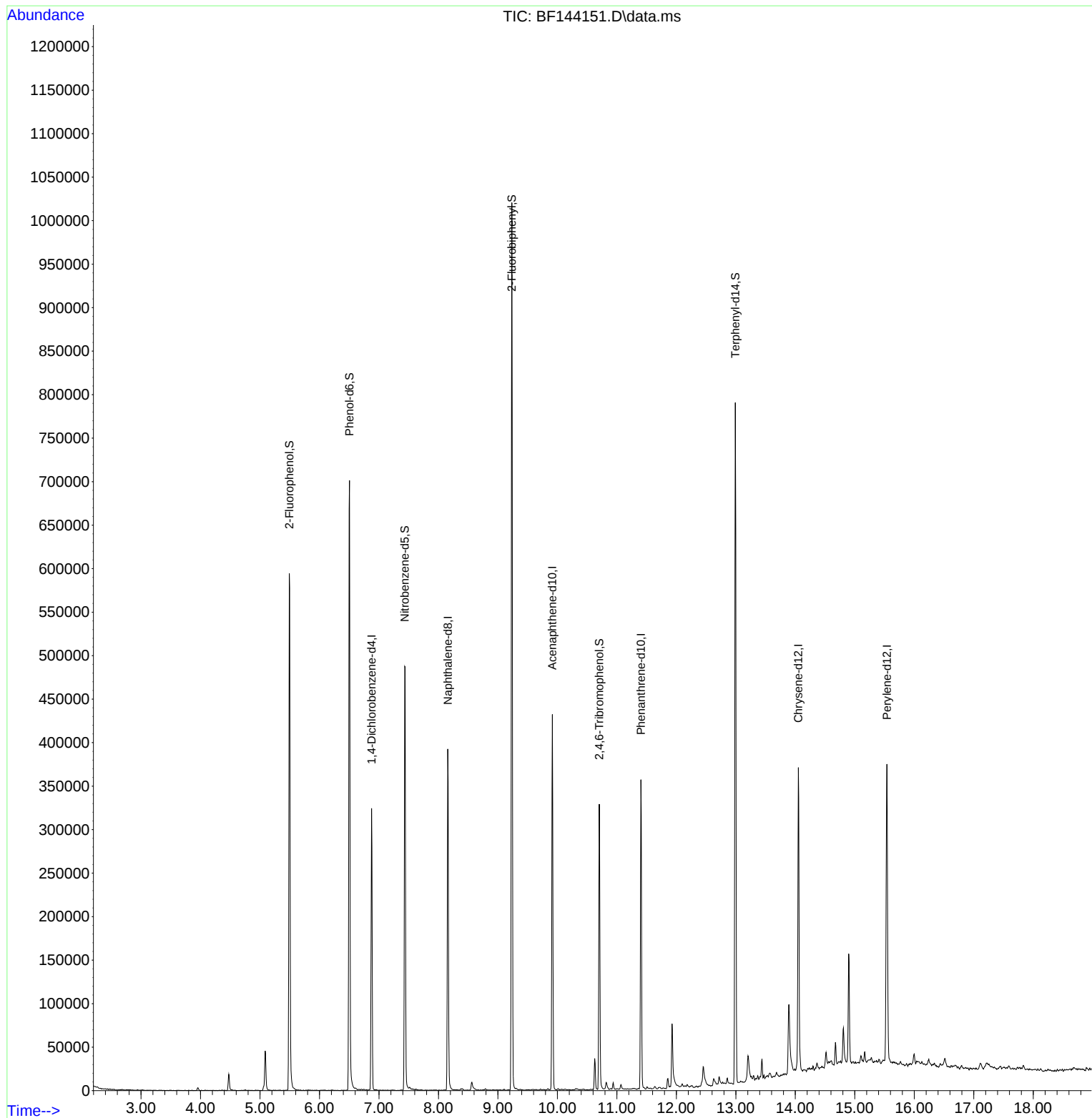
Target Compounds	Qvalue

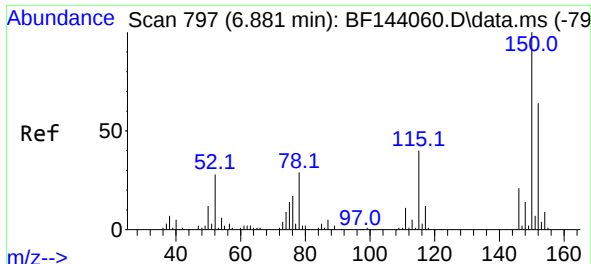
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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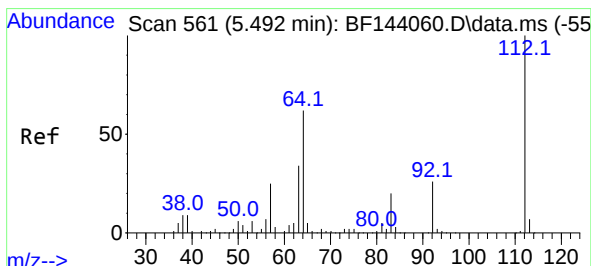
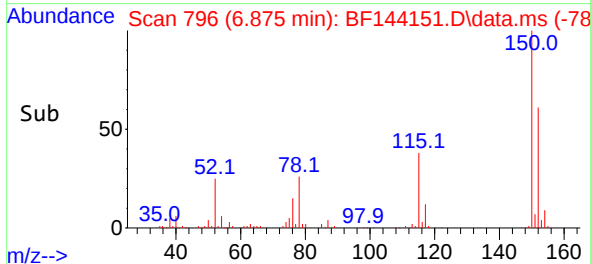
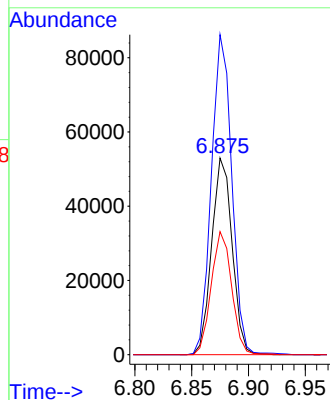
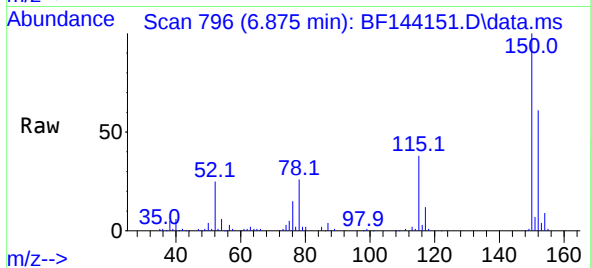




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

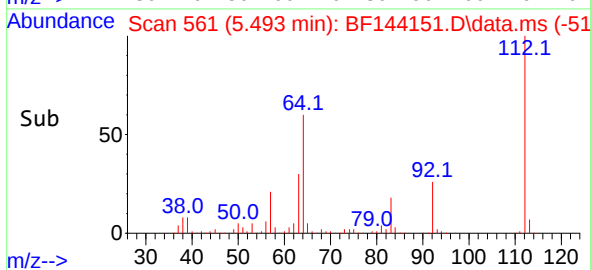
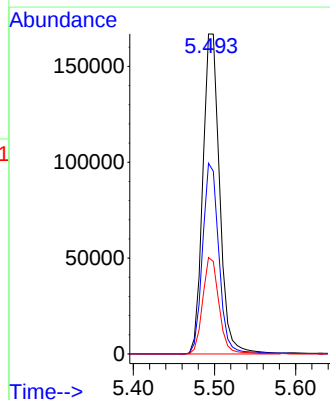
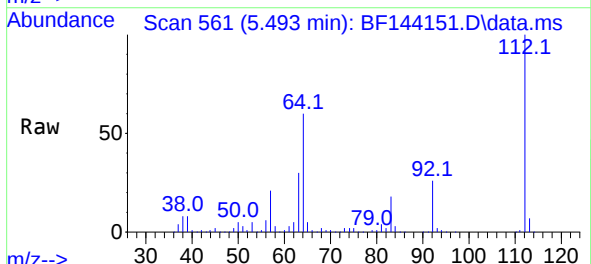
Instrument :
BNA_F
ClientSampleId :
WC-2

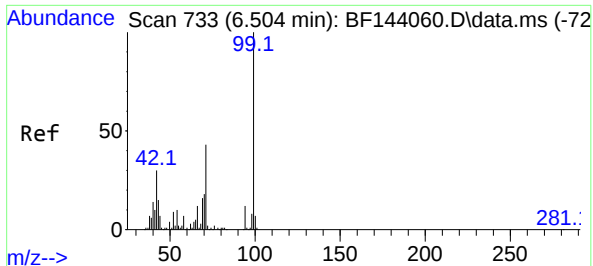
Tgt Ion:152 Resp: 66433
Ion Ratio Lower Upper
152 100
150 162.7 124.4 186.6
115 62.6 49.4 74.0



#5
2-Fluorophenol
Concen: 57.228 ng
RT: 5.493 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

Tgt Ion:112 Resp: 240302
Ion Ratio Lower Upper
112 100
64 59.6 49.8 74.8
63 30.1 27.4 41.2



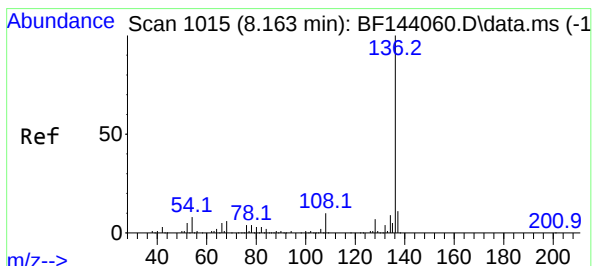
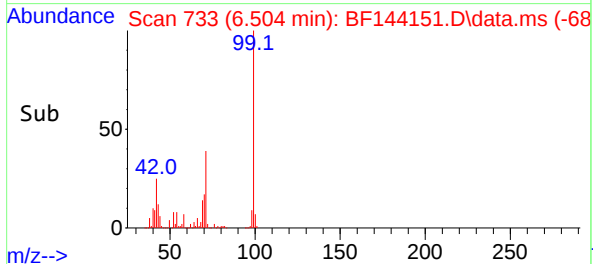
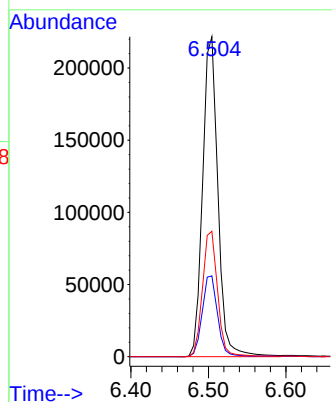
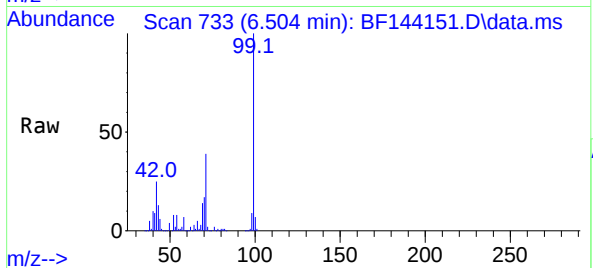


#7
Phenol-d6
Concen: 65.498 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

Instrument :
BNA_F
ClientSampleId :
WC-2

Tgt Ion: 99 Resp: 303740

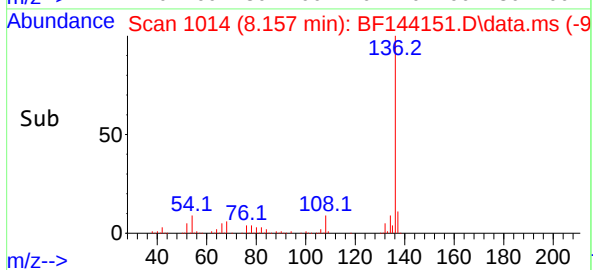
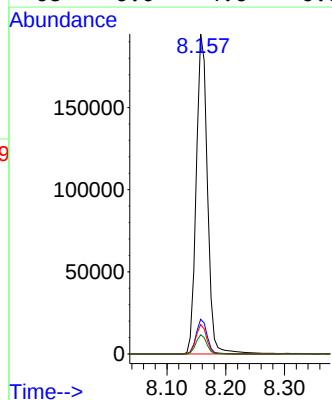
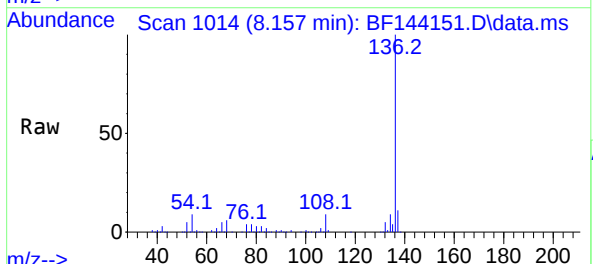
Ion	Ratio	Lower	Upper
99	100		
42	25.3	23.9	35.9
71	39.2	34.4	51.6



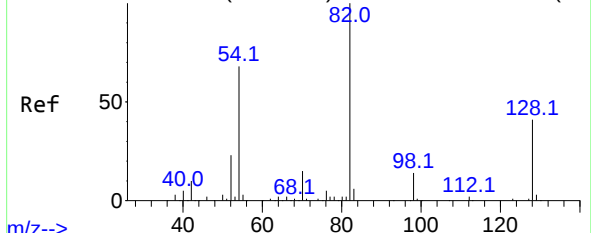
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

Tgt Ion: 136 Resp: 257405

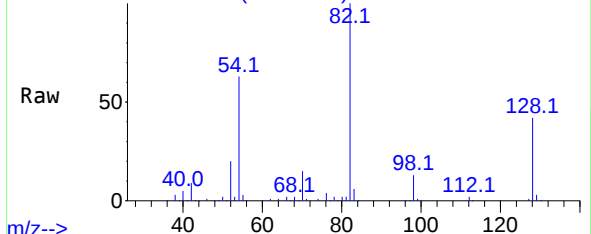
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	9.2	6.6	9.8
68	6.0	4.6	6.8



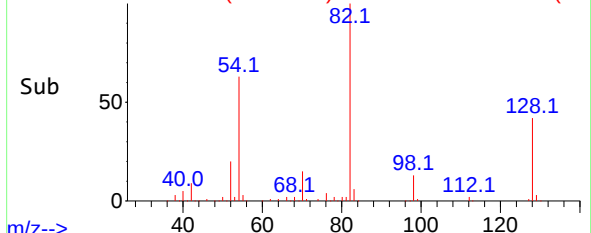
Abundance Scan 892 (7.439 min): BF144060.D\data.ms (-88



m/z--> Scan 891 (7.434 min): BF144151.D\data.ms



m/z--> Abundance Scan 891 (7.434 min): BF144151.D\data.ms (-84



m/z-->

#23

Nitrobenzene-d5

Concen: 45.418 ng

RT: 7.434 min Scan# 891

Delta R.T. -0.006 min

Lab File: BF144151.D

Acq: 30 Oct 2025 20:35

Instrument :

BNA_F

ClientSampleId :

WC-2

Tgt Ion: 82 Resp: 213388

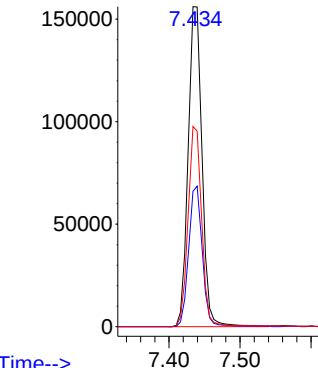
Ion Ratio Lower Upper

82 100

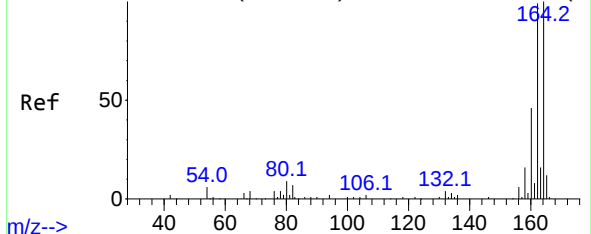
128 42.4 32.4 48.6

54 62.6 54.0 81.0

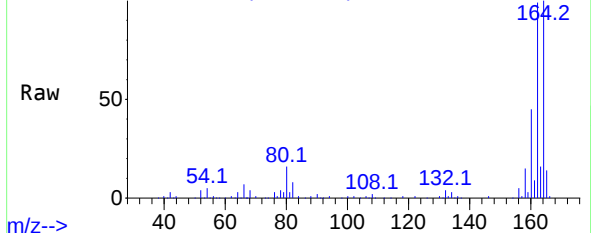
Abundance



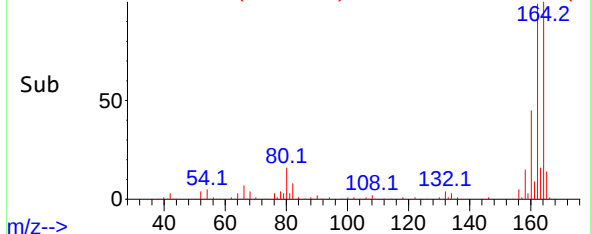
Abundance Scan 1313 (9.916 min): BF144060.D\data.ms (-1



m/z--> Abundance Scan 1313 (9.916 min): BF144151.D\data.ms



m/z--> Abundance Scan 1313 (9.916 min): BF144151.D\data.ms (-1



m/z-->

#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1313

Delta R.T. 0.000 min

Lab File: BF144151.D

Acq: 30 Oct 2025 20:35

Tgt Ion:164 Resp: 133386

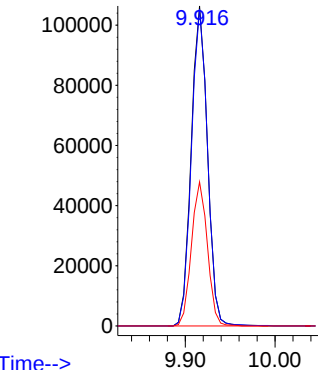
Ion Ratio Lower Upper

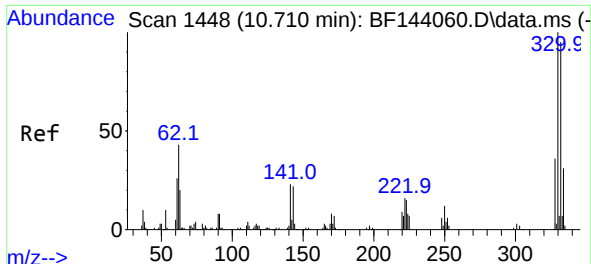
164 100

162 99.1 79.4 119.2

160 45.0 36.7 55.1

Abundance

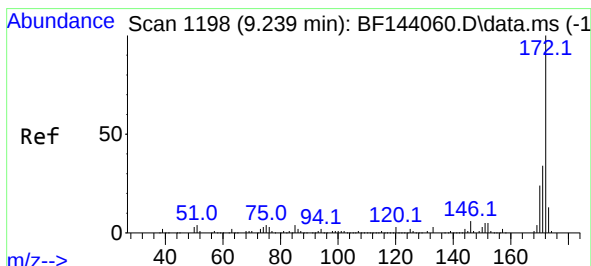
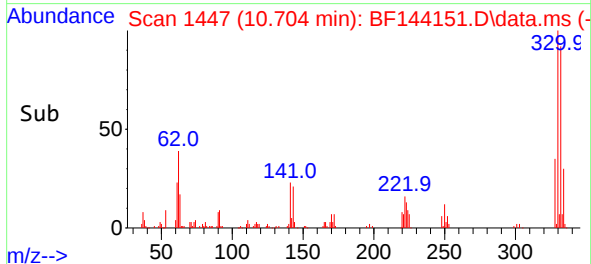
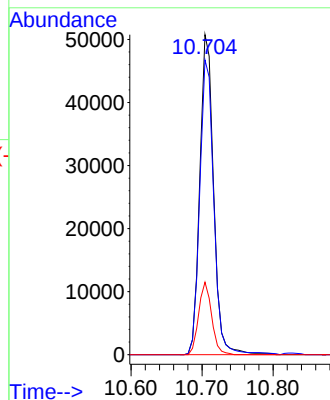
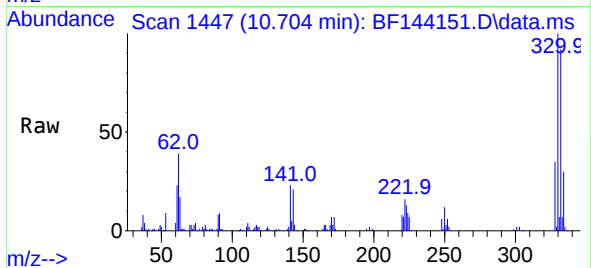




#42
2,4,6-Tribromophenol
Concen: 40.389 ng
RT: 10.704 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

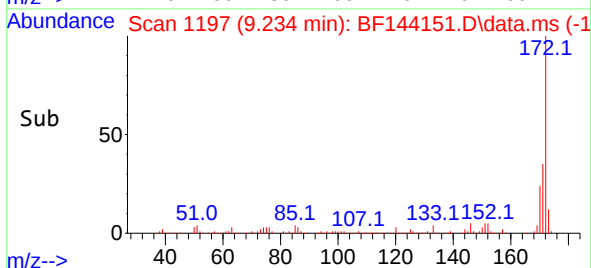
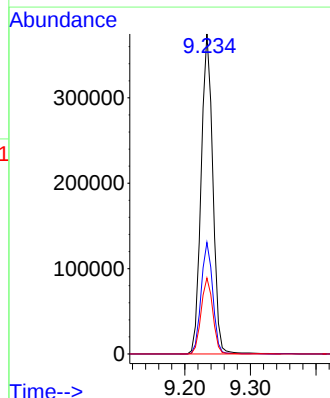
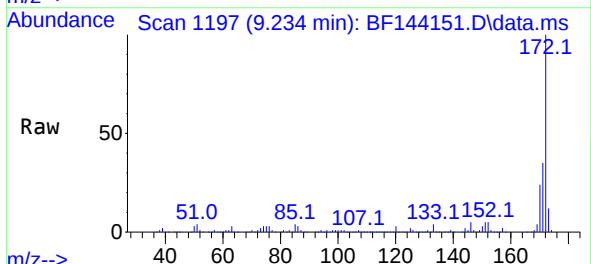
Instrument :
BNA_F
ClientSampleId :
WC-2

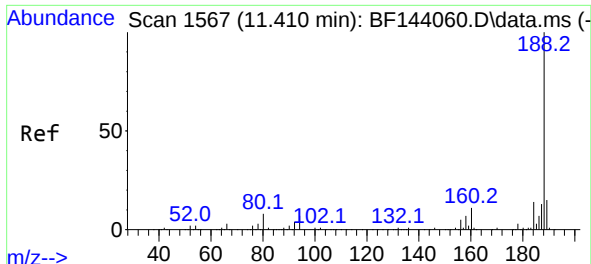
Tgt Ion:330 Resp: 68624
Ion Ratio Lower Upper
330 100
332 94.1 77.0 115.6
141 21.3 19.4 29.0



#45
2-Fluorobiphenyl
Concen: 49.219 ng
RT: 9.234 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

Tgt Ion:172 Resp: 466537
Ion Ratio Lower Upper
172 100
171 34.8 27.5 41.3
170 23.8 19.0 28.6

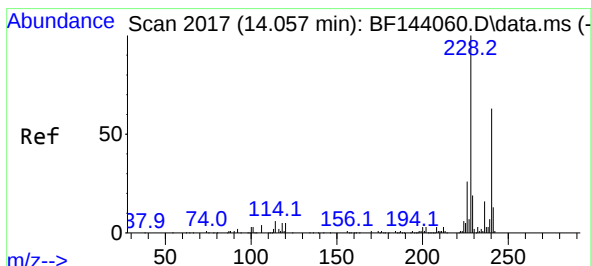
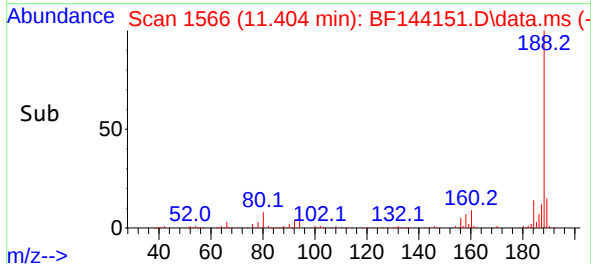
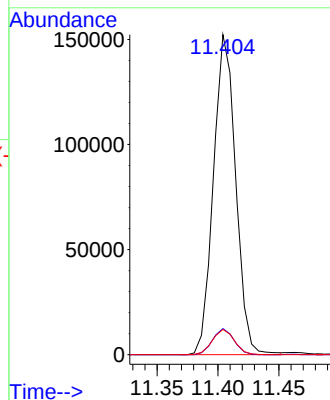
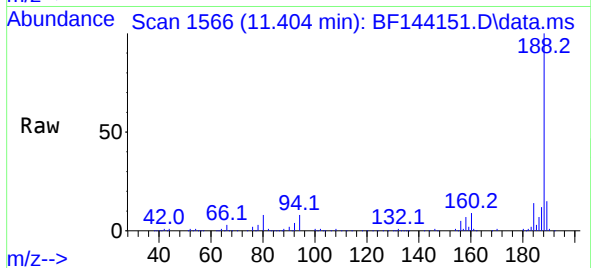




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

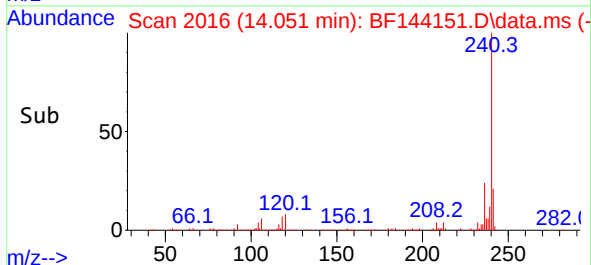
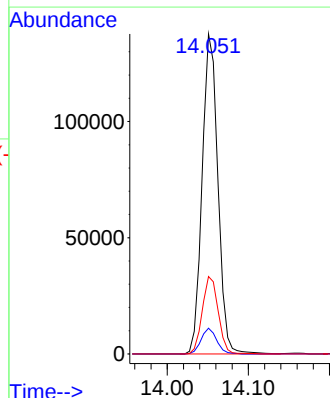
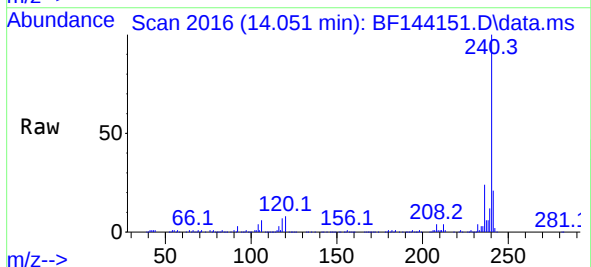
Instrument :
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ClientSampleId :
WC-2

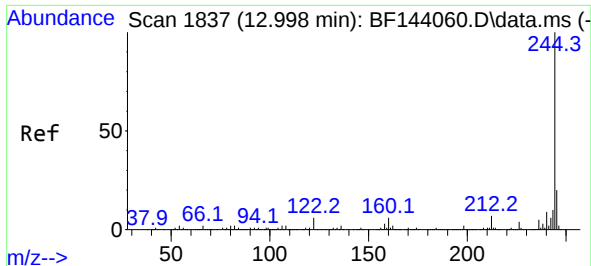
Tgt Ion:188 Resp: 193847
Ion Ratio Lower Upper
188 100
94 8.2 5.4 8.0#
80 7.9 6.0 9.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF144151.D
Acq: 30 Oct 2025 20:35

Tgt Ion:240 Resp: 185457
Ion Ratio Lower Upper
240 100
120 8.0 6.5 9.7
236 24.2 20.1 30.1

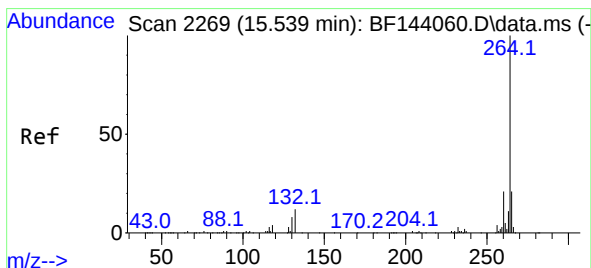
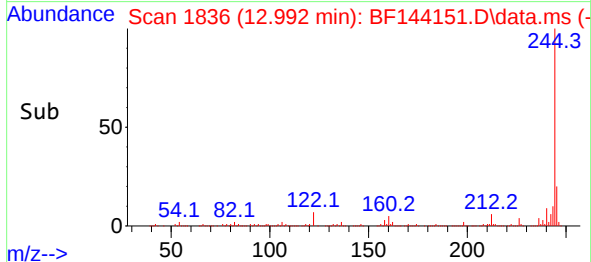
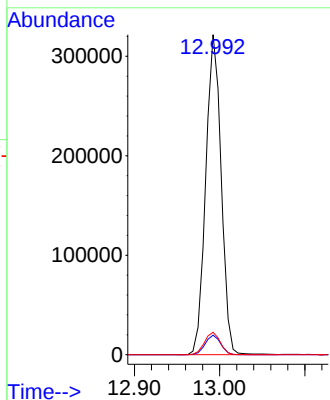
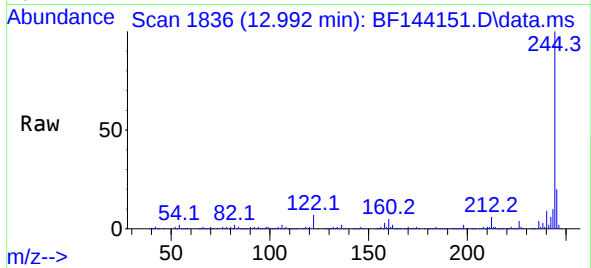




#79
 Terphenyl-d14
 Concen: 38.120 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF144151.D
 Acq: 30 Oct 2025 20:35

Instrument :
 BNA_F
 ClientSampleId :
 WC-2

Tgt Ion:244 Resp: 404385
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.8 8.6
 122 7.0 4.9 7.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2269
 Delta R.T. 0.000 min
 Lab File: BF144151.D
 Acq: 30 Oct 2025 20:35

Tgt Ion:264 Resp: 228807
 Ion Ratio Lower Upper
 264 100
 260 21.5 17.0 25.4
 265 21.4 16.6 24.8

