

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020625\
 Data File : BF141492.D
 Acq On : 06 Feb 2025 20:37
 Operator : RC/JU
 Sample : Q1309-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Feb 07 01:56:13 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	100276	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	411321	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	228759	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	398394	20.000	ng	0.00
76) Chrysene-d12	13.951	240	247945	20.000	ng	-0.01
86) Perylene-d12	15.404	264	196408	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	604790	94.555	ng	0.00
7) Phenol-d6	6.428	99	755855	93.497	ng	-0.01
23) Nitrobenzene-d5	7.351	82	511061	64.806	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	224326	97.618	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	958456	64.550	ng	0.00
79) Terphenyl-d14	12.898	244	1038685	70.721	ng	0.00

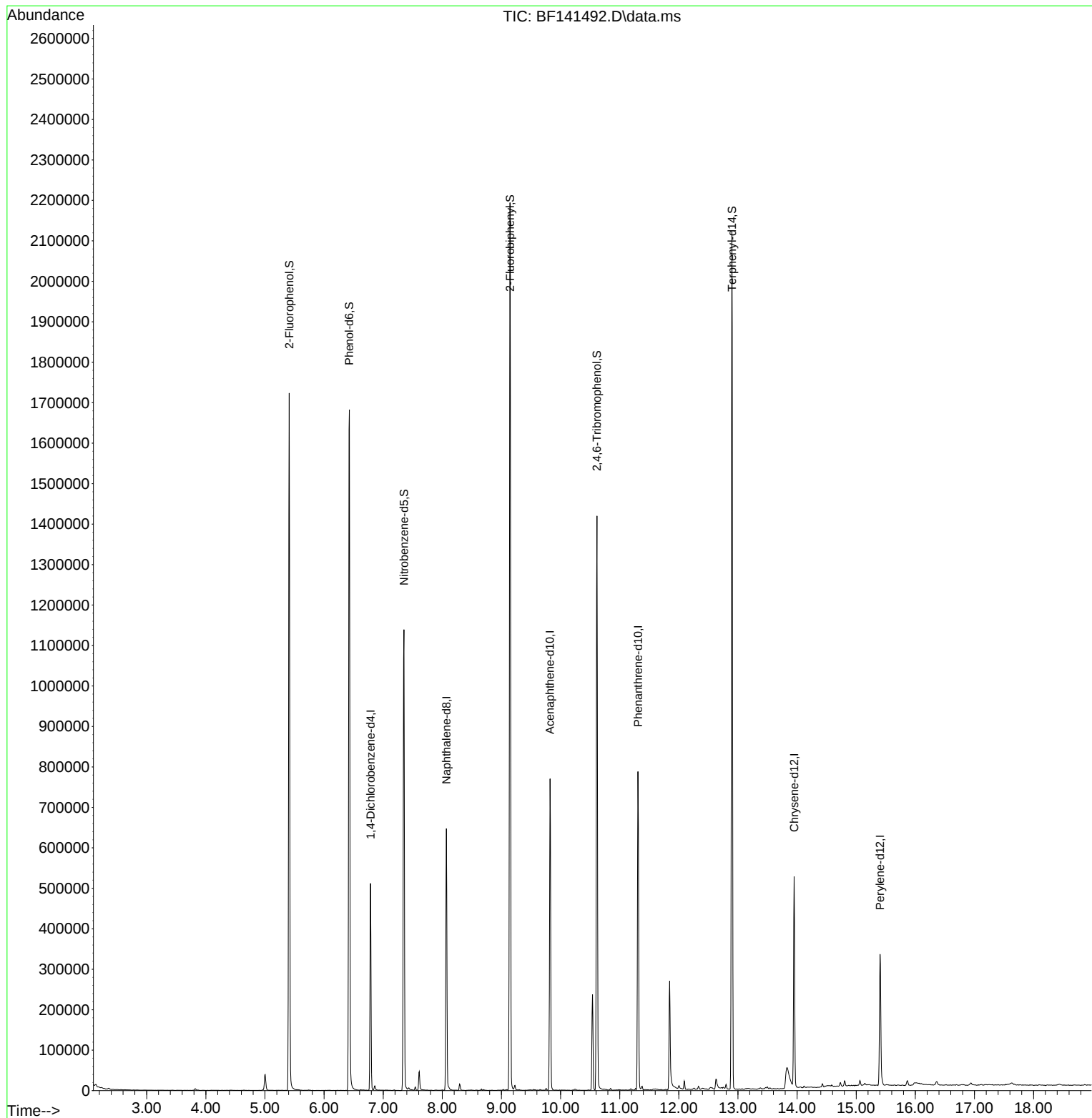
Target Compounds	Qvalue

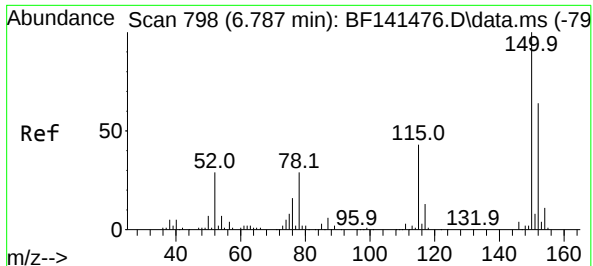
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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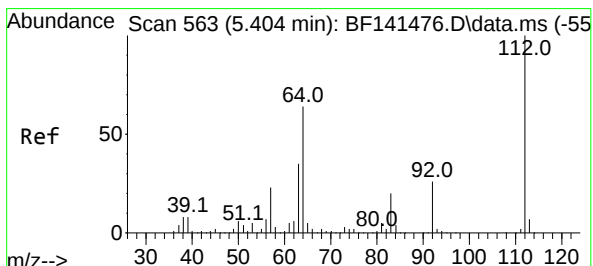
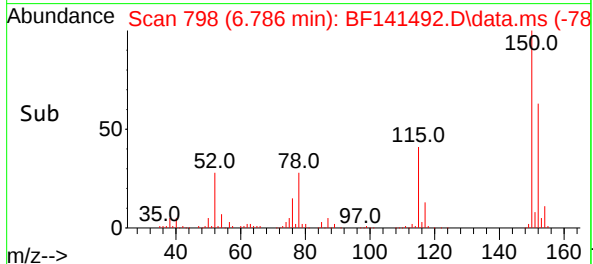
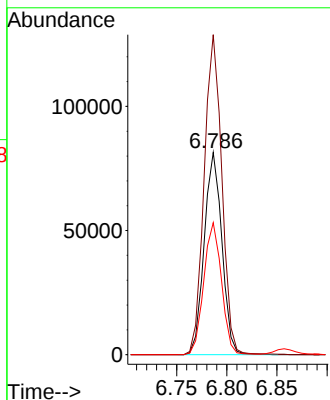
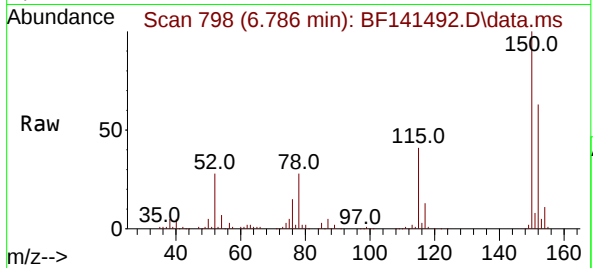




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: BF141492.D
 Acq: 06 Feb 2025 20:37

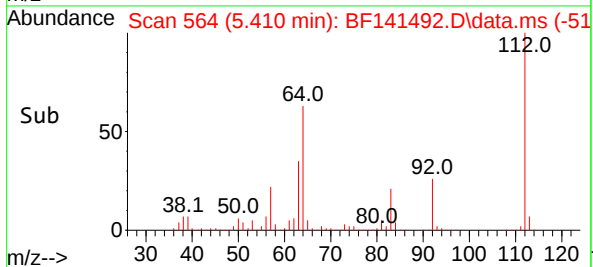
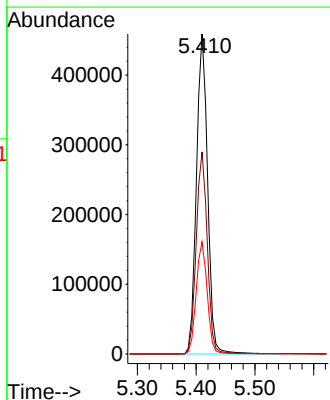
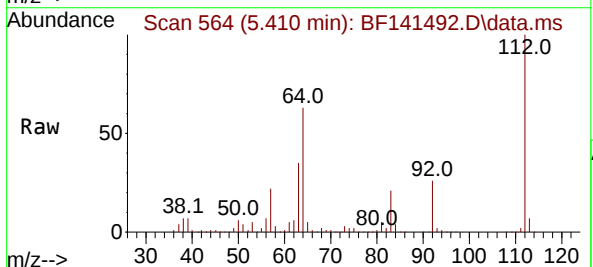
Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Tgt Ion:152 Resp: 100276
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.0 187.4
 115 65.3 53.6 80.4



#5
 2-Fluorophenol
 Concen: 94.555 ng
 RT: 5.410 min Scan# 564
 Delta R.T. 0.000 min
 Lab File: BF141492.D
 Acq: 06 Feb 2025 20:37

Tgt Ion:112 Resp: 604790
 Ion Ratio Lower Upper
 112 100
 64 63.1 51.1 76.7
 63 35.0 28.4 42.6





#7

Phenol-d6

Concen: 93.497 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141492.D

Acq: 06 Feb 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-6

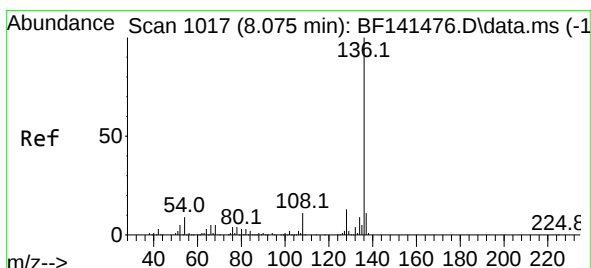
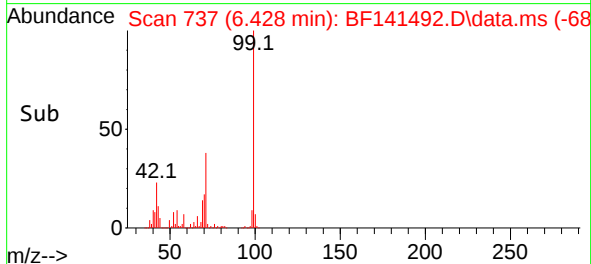
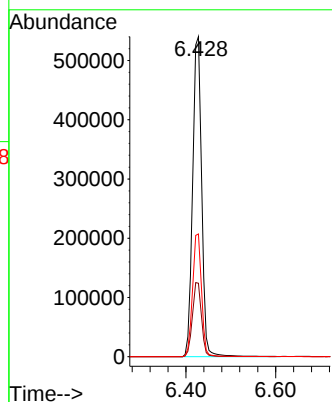
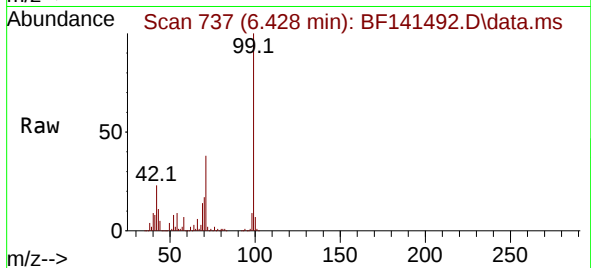
Tgt Ion: 99 Resp: 755855

Ion Ratio Lower Upper

99 100

42 22.9 19.1 28.7

71 38.4 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF141492.D

Acq: 06 Feb 2025 20:37

Tgt Ion: 136 Resp: 411321

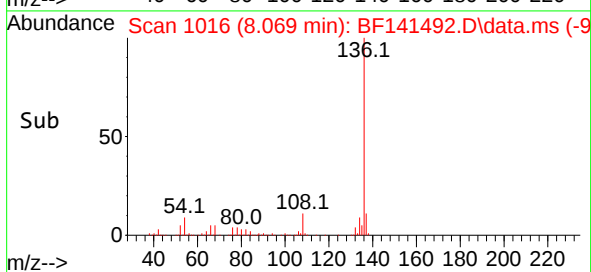
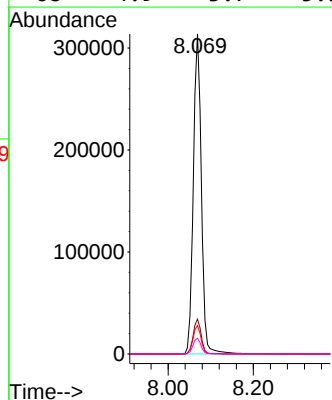
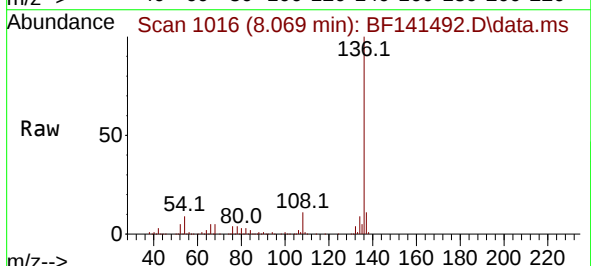
Ion Ratio Lower Upper

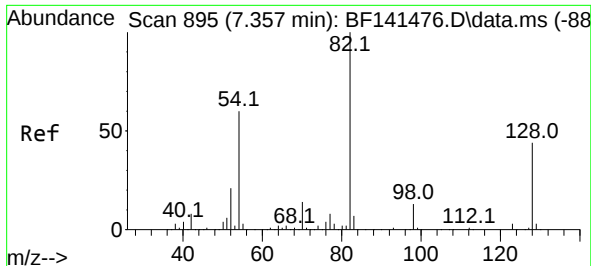
136 100

137 10.9 8.6 13.0

54 8.9 7.2 10.8

68 4.9 3.7 5.5





#23

Nitrobenzene-d5

Concen: 64.806 ng

RT: 7.351 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF141492.D

Acq: 06 Feb 2025 20:37

Instrument :

BNA_F

ClientSampleId :

WC-6

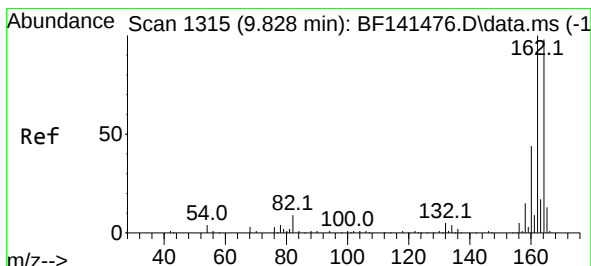
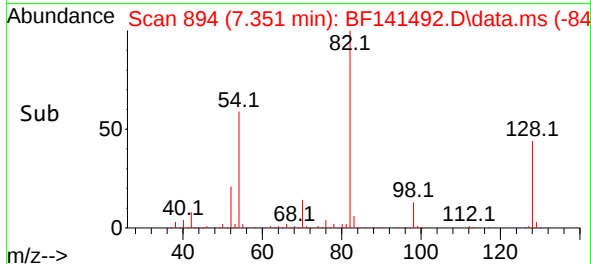
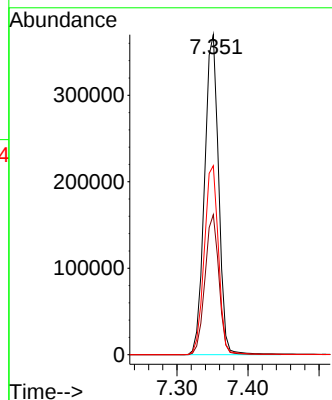
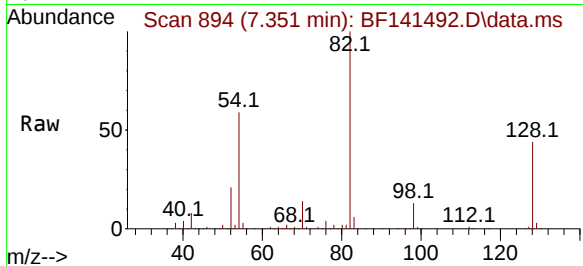
Tgt Ion: 82 Resp: 511061

Ion Ratio Lower Upper

82 100

128 43.7 34.8 52.2

54 59.0 48.2 72.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF141492.D

Acq: 06 Feb 2025 20:37

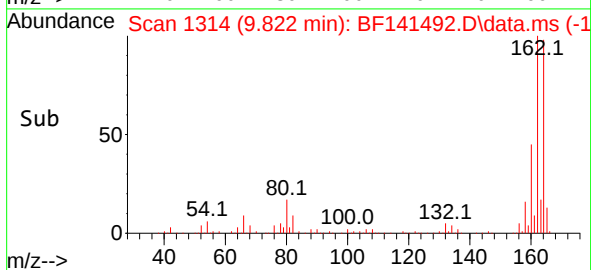
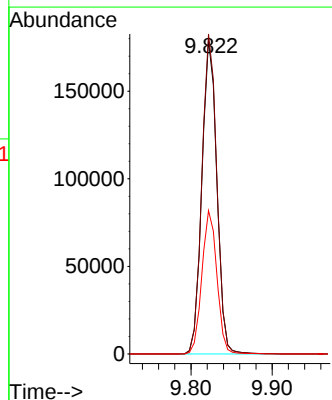
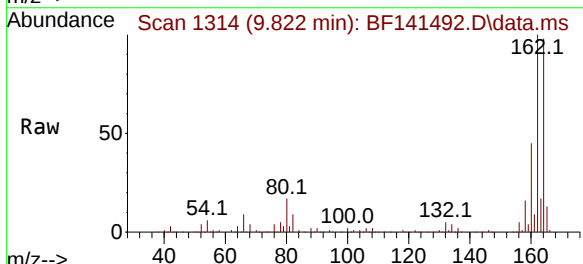
Tgt Ion:164 Resp: 228759

Ion Ratio Lower Upper

164 100

162 102.1 81.3 121.9

160 45.7 35.9 53.9

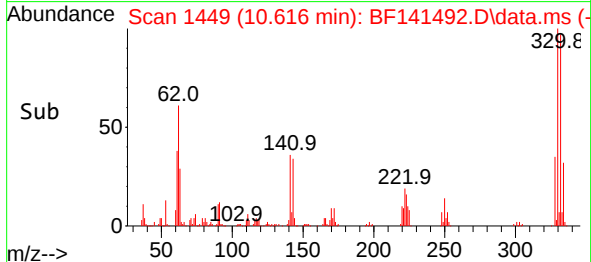
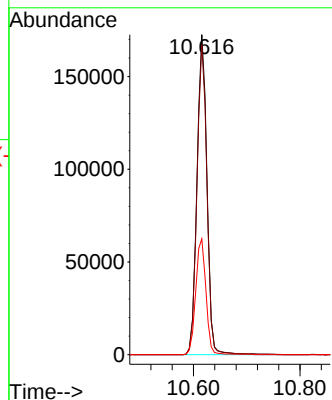
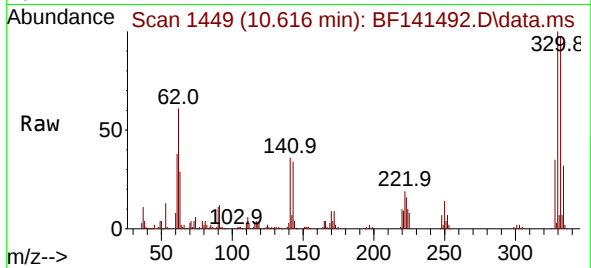




#42
2,4,6-Tribromophenol
Concen: 97.618 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

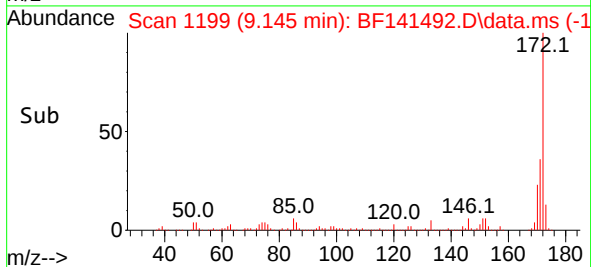
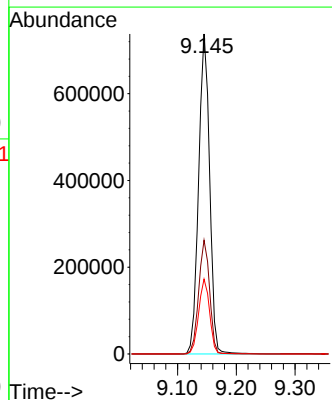
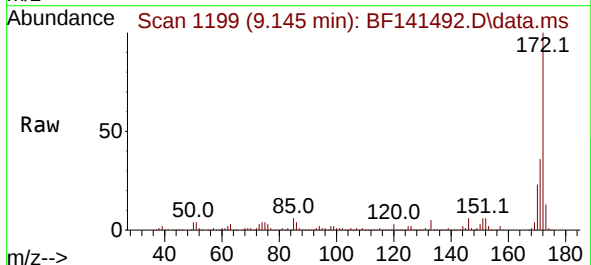
Instrument :
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ClientSampleId :
WC-6

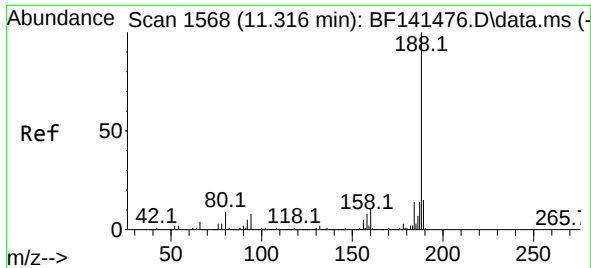
Tgt Ion: 330 Resp: 224326
Ion Ratio Lower Upper
330 100
332 96.6 78.5 117.7
141 37.2 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 64.550 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

Tgt Ion: 172 Resp: 958456
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.4 18.9 28.3

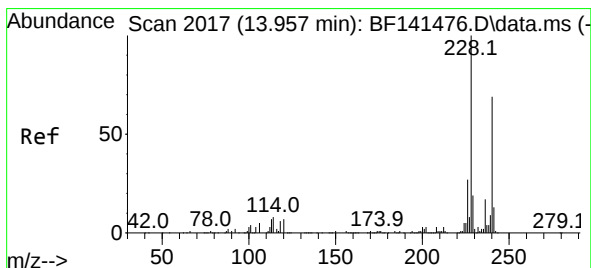
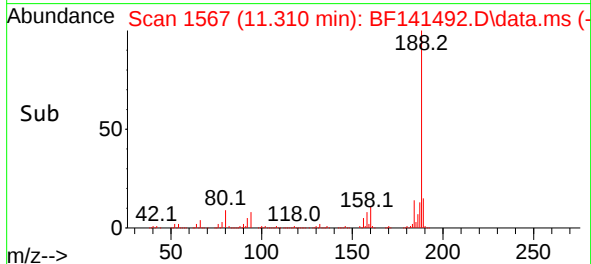
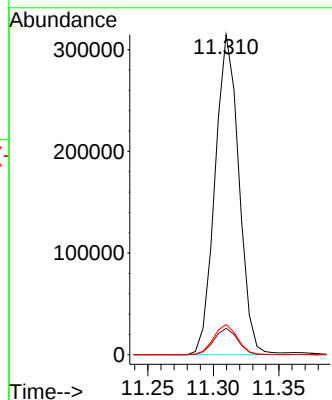
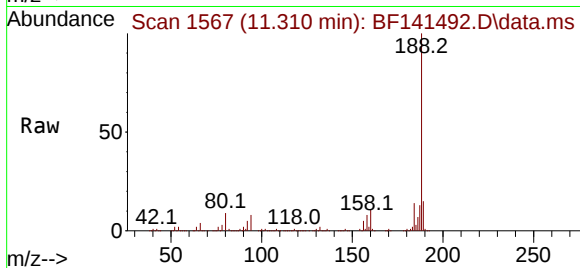




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

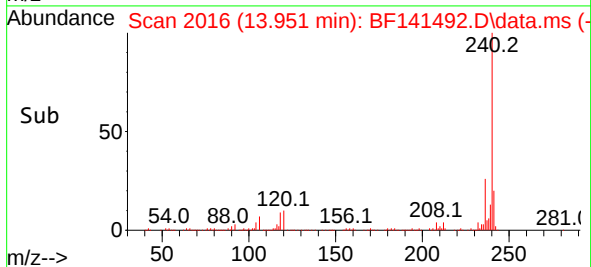
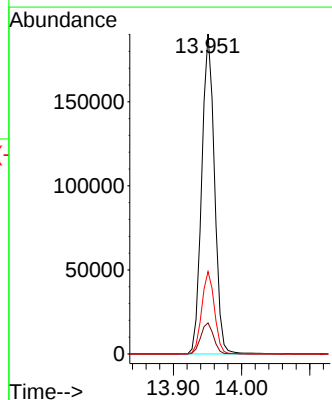
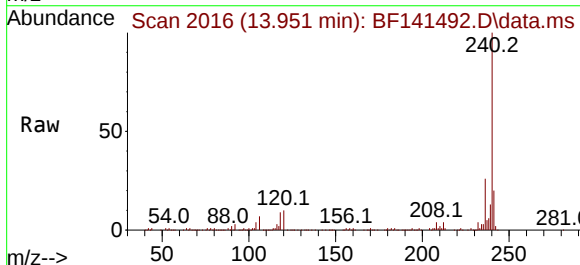
Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion:188 Resp: 398394
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 9.4 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.012 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

Tgt Ion:240 Resp: 247945
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.7 19.8 29.8

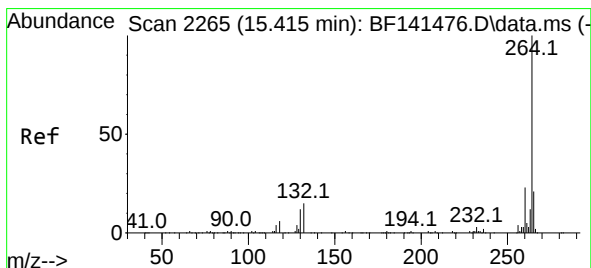
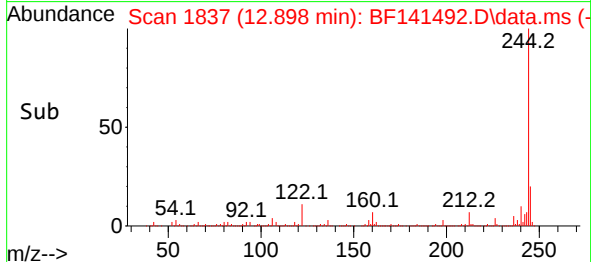
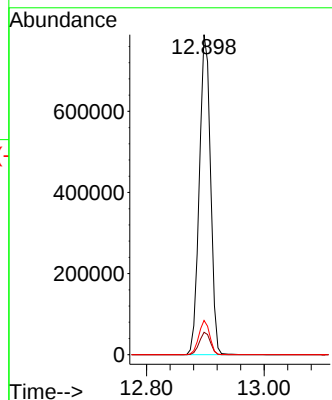
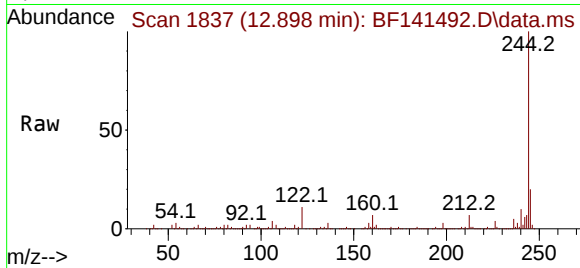




#79
 Terphenyl-d14
 Concen: 70.721 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF141492.D
 Acq: 06 Feb 2025 20:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Tgt Ion:244 Resp: 1038685
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 10.7 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2263
 Delta R.T. -0.012 min
 Lab File: BF141492.D
 Acq: 06 Feb 2025 20:37

Tgt Ion:264 Resp: 196408
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.6 28.0
 265 21.5 17.0 25.4

