

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)

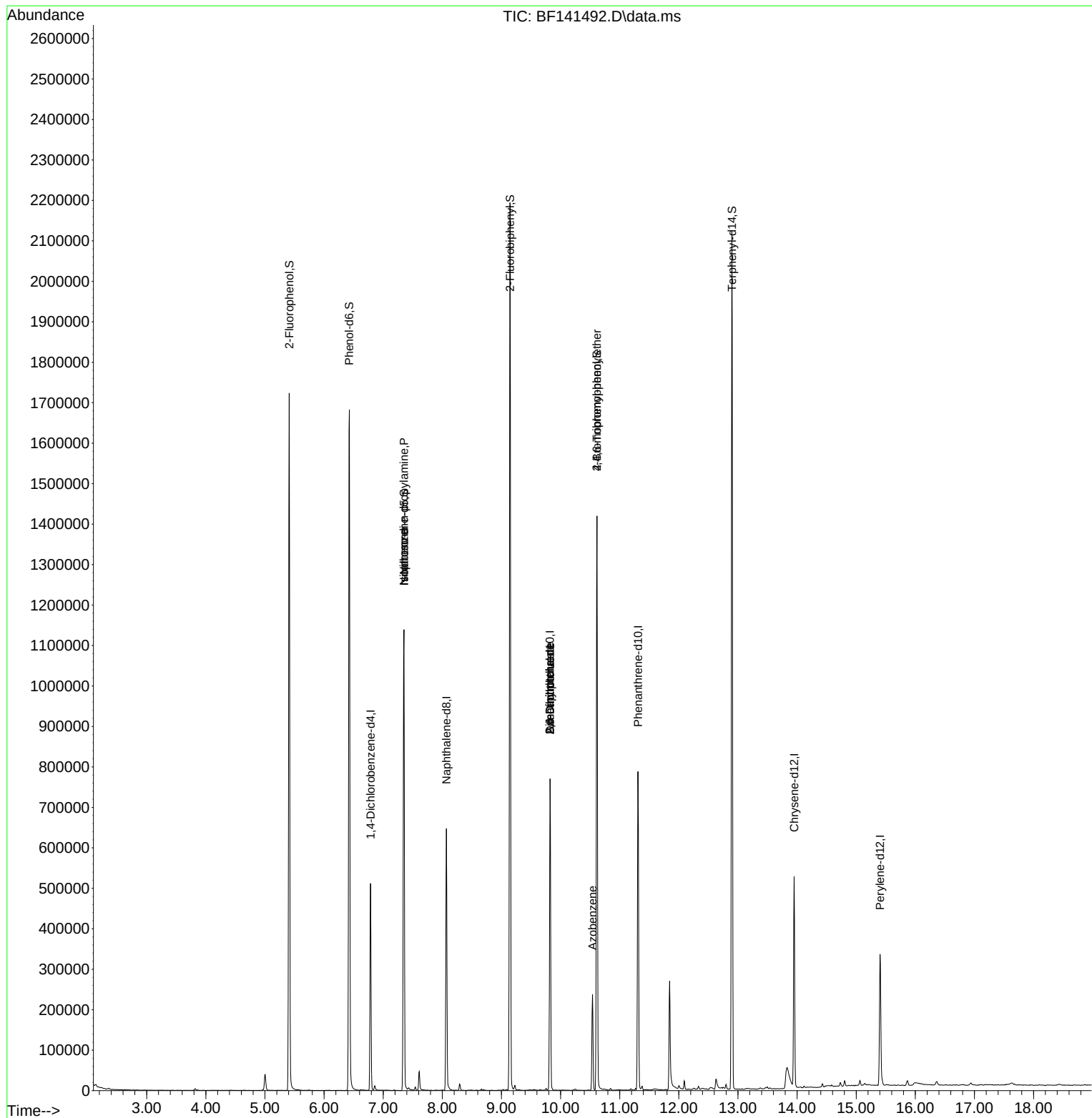
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.786	152	100276	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	411321	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	228759	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	398394	20.000	ng	0.00
76) Chrysene-d12	13.951	240	247945	20.000	ng	-0.01
86) Perylene-d12	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
19) n-Nitroso-di-n-propyla...	7.351	70	70749	14.631	ng	# 75
25) Isophorone	7.351	82	495139	39.378	ng	# 66
50) Dimethylphthalate	9.822	163	32373	2.085	ng	# 1
51) 2,6-Dinitrotoluene	9.822	165	30345	8.938	ng	# 22
57) 2,4-Dinitrotoluene	9.822	165	30345	6.714	ng	# 19
63) Azobenzene	10.539	77	58947	3.881	ng	# 1
67) 4-Bromophenyl-phenylether	10.616	248	14965	3.361	ng	# 1

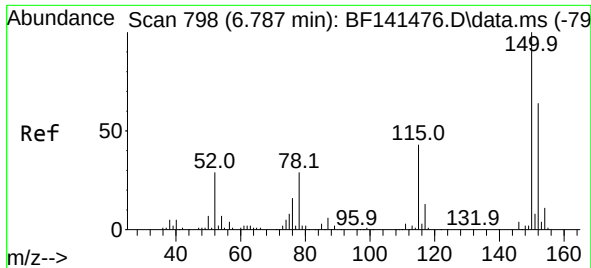
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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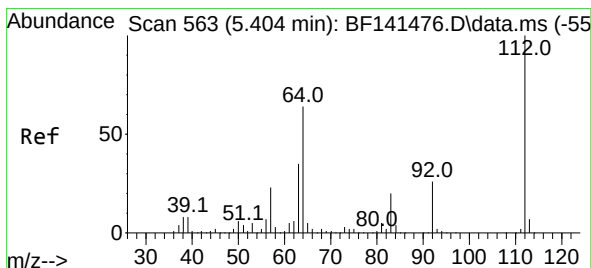
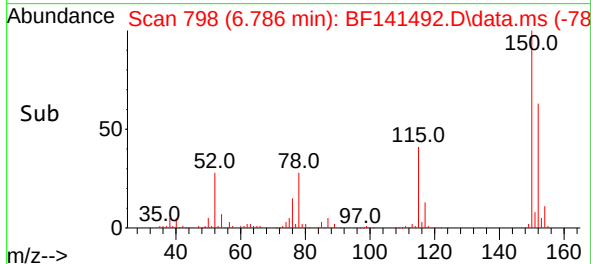
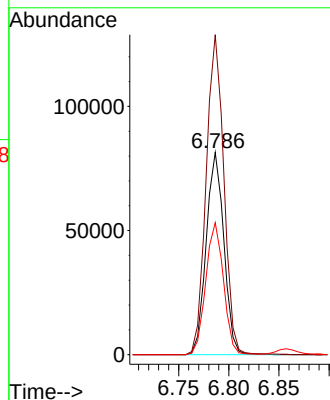
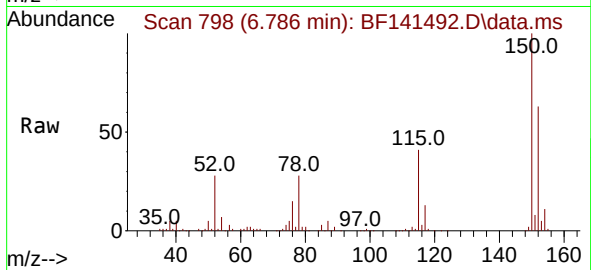




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.786 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: BF141492.D
 Acq: 06 Feb 2025 20:37

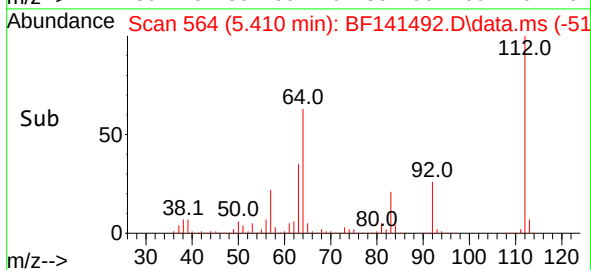
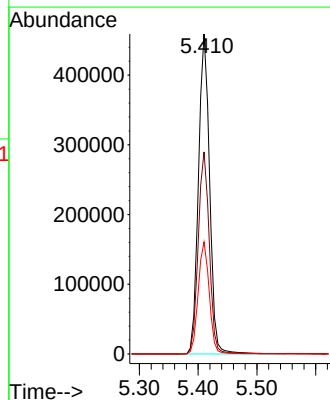
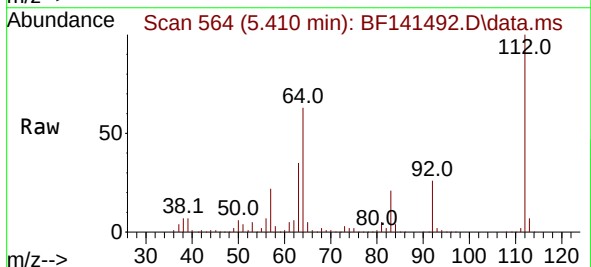
Instrument :
 BNA_F
 ClientSampleId :
 WC-6

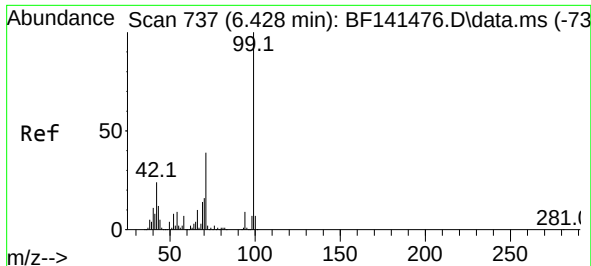
Tgt Ion:152 Resp: 100276
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.0 187.4
 115 65.3 53.6 80.4



#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

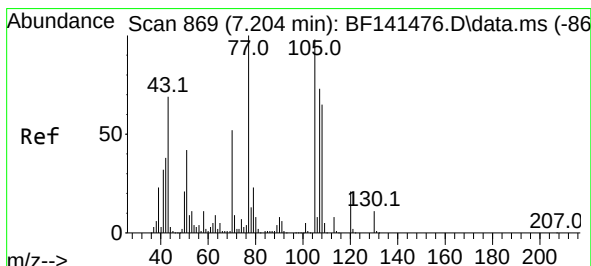
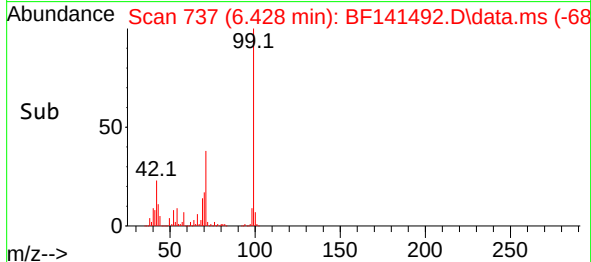
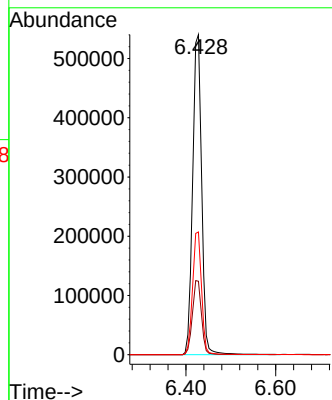
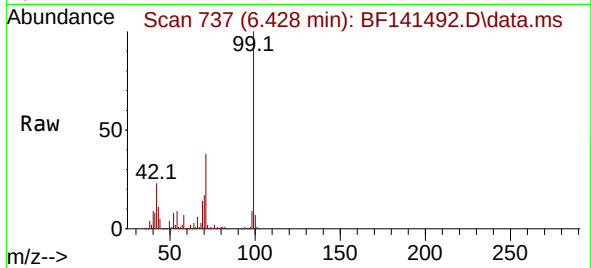




#7
Phenol-d6
Concen: 93.497 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

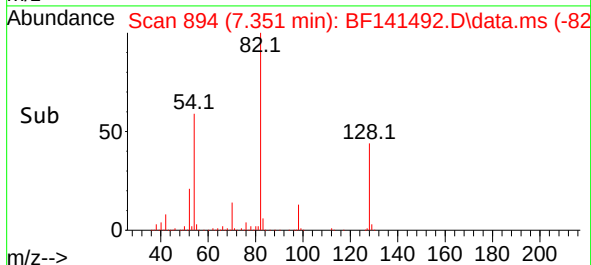
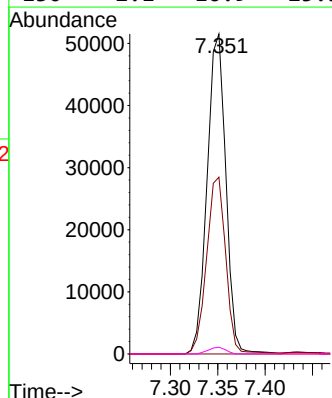
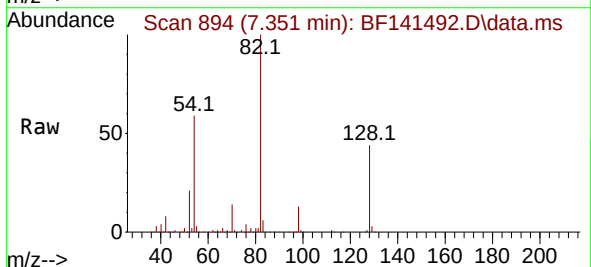
Instrument :
BNA_F
ClientSampleId :
WC-6

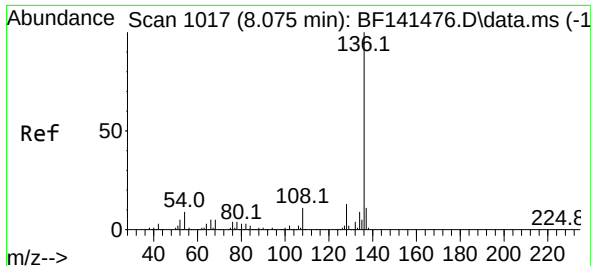
Tgt Ion: 99 Resp: 755855
Ion Ratio Lower Upper
99 100
42 22.9 19.1 28.7
71 38.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.631 ng
RT: 7.351 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

Tgt Ion: 70 Resp: 70749
Ion Ratio Lower Upper
70 100
42 55.2 57.4 86.2#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#



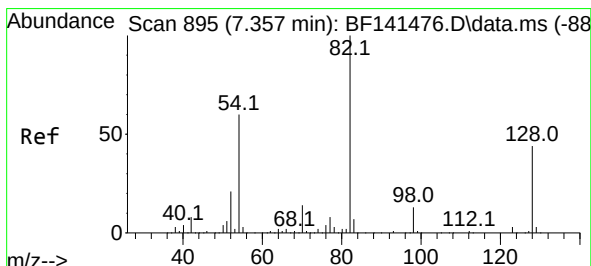
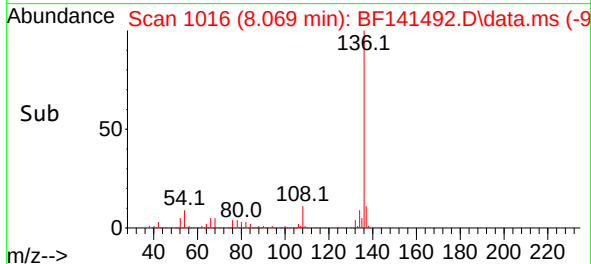
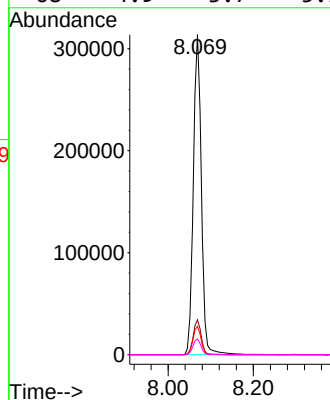
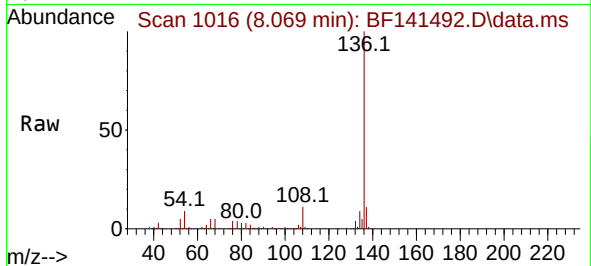


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion:136 Resp: 411321

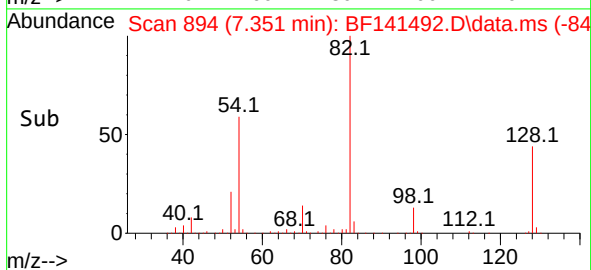
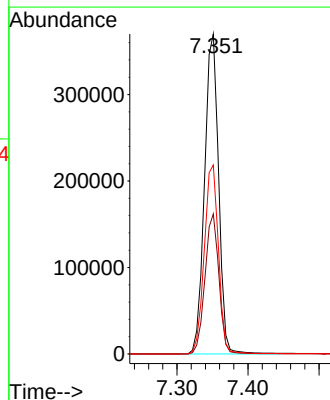
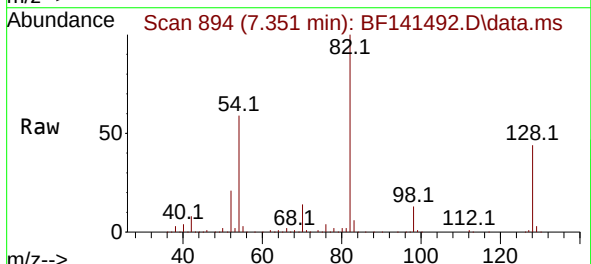
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	8.9	7.2	10.8
68	4.9	3.7	5.5

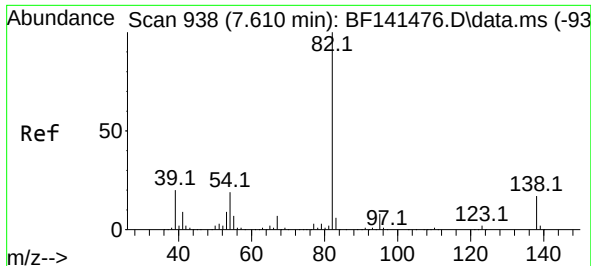


#23
Nitrobenzene-d5
Concen: 64.806 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

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

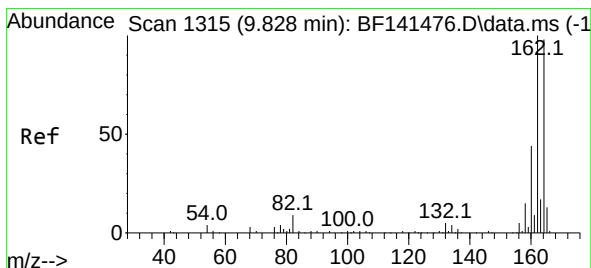
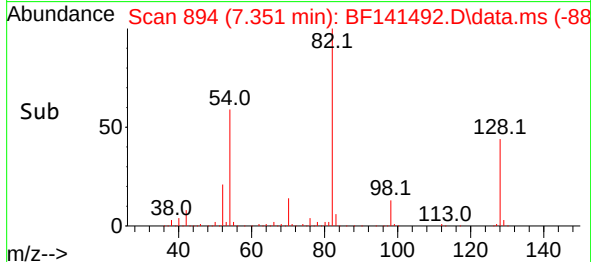
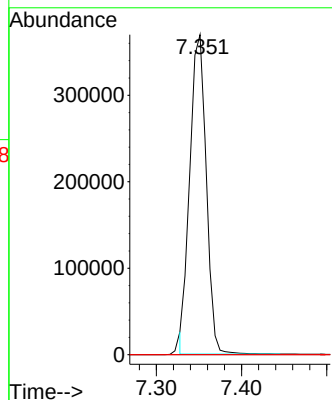
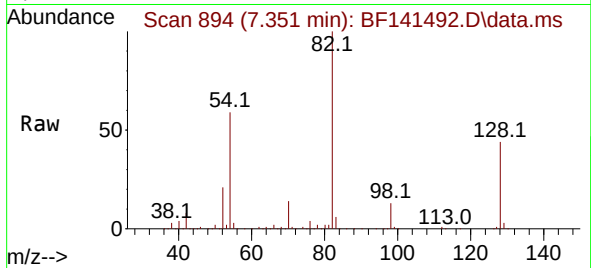




#25
Isophorone
Concen: 39.378 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.271 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

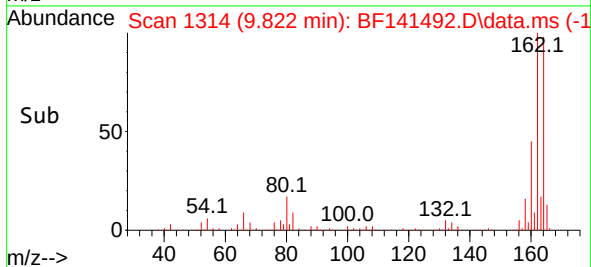
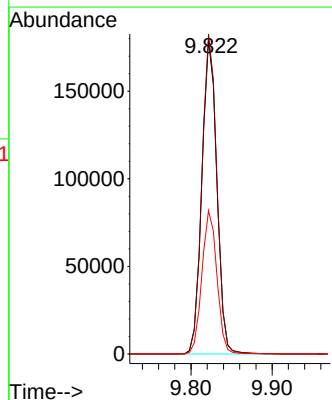
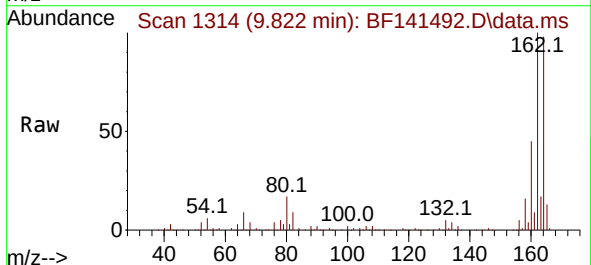
Instrument :
BNA_F
ClientSampleId :
WC-6

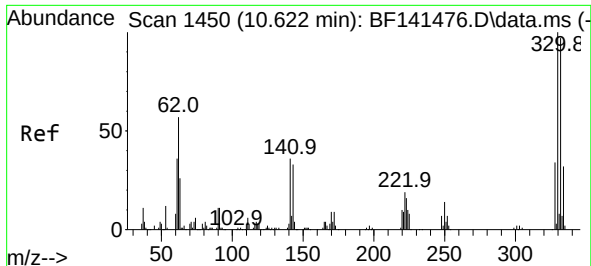
Tgt Ion: 82 Resp: 495139
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.9 20.9#



#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

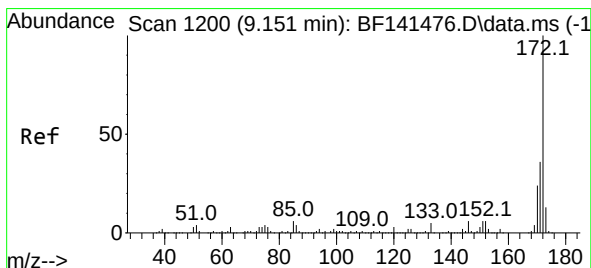
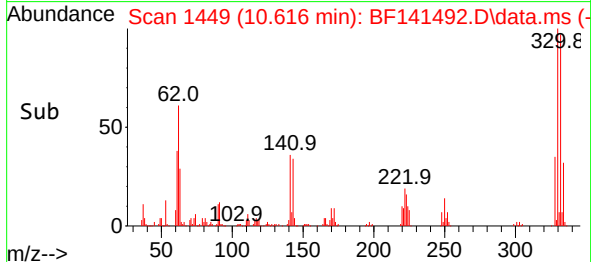
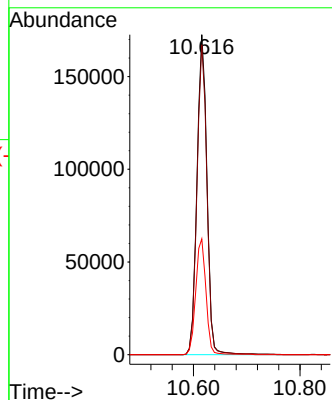
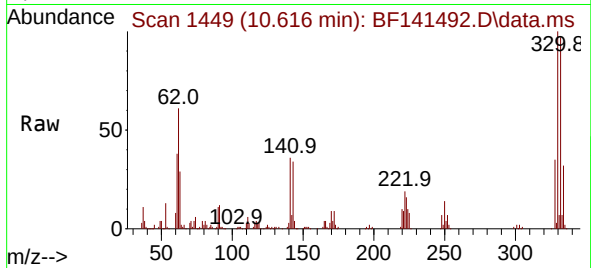




#42
2,4,6-Tribromophenol
Concen: 97.618 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

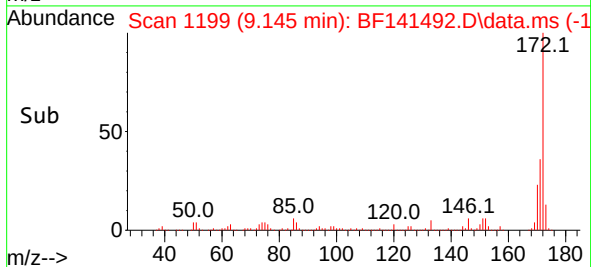
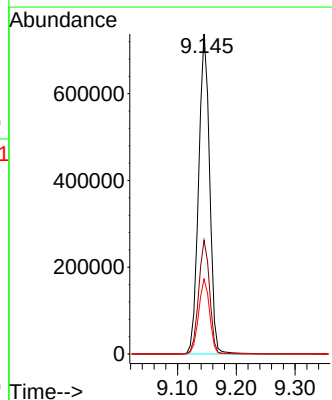
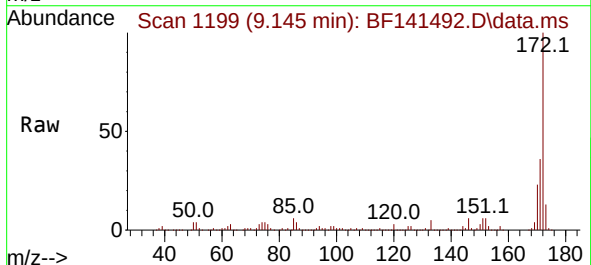
Instrument :
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ClientSampleId :
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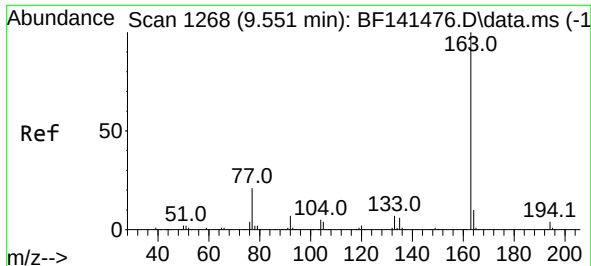
Tgt Ion: 330 Resp: 224326
Ion Ratio Lower Upper
330 100
332 96.6 78.5 117.7
141 37.2 31.0 46.4



#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

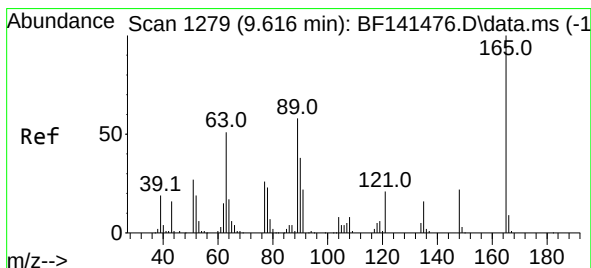
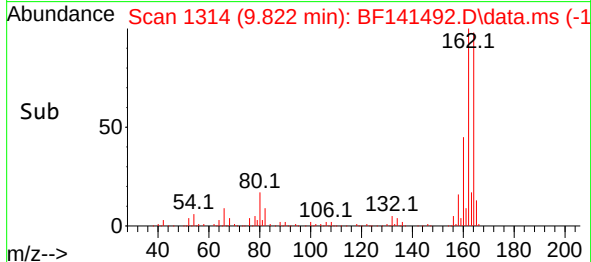
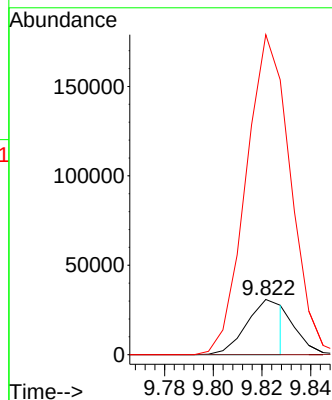
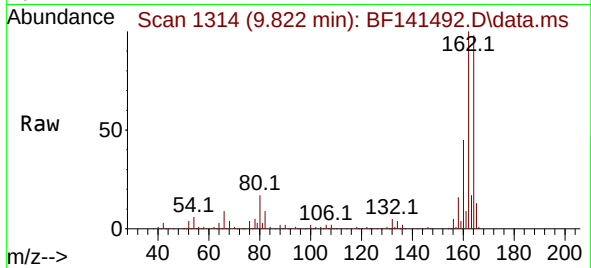




#50
Dimethylphthalate
Concen: 2.085 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

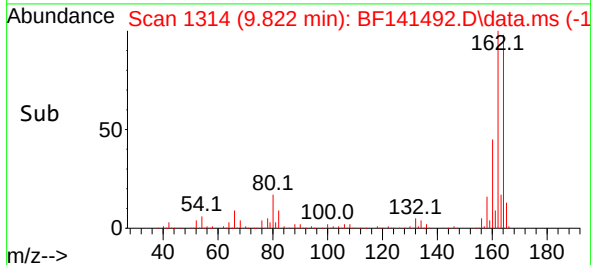
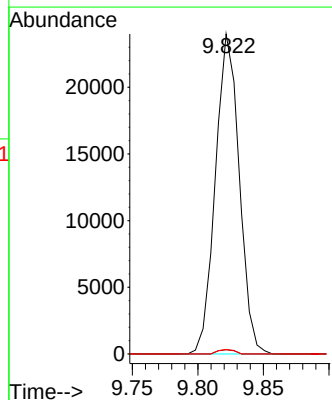
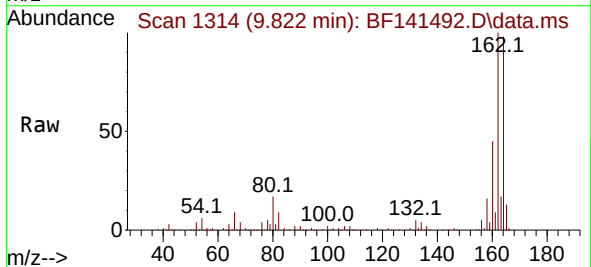
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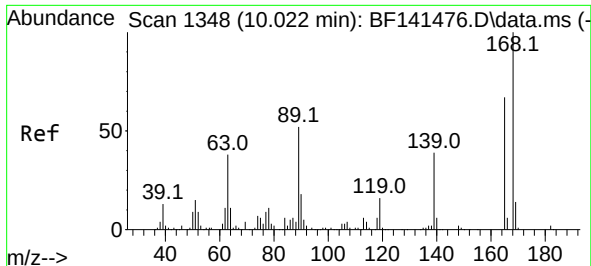
Tgt Ion:163 Resp: 32373
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.4#
164 579.5 7.9 11.9#



#51
2,6-Dinitrotoluene
Concen: 8.938 ng
RT: 9.822 min Scan# 1314
Delta R.T. 0.200 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

Tgt Ion:165 Resp: 30345
Ion Ratio Lower Upper
165 100
63 1.3 49.4 74.0#
89 1.4 46.5 69.7#

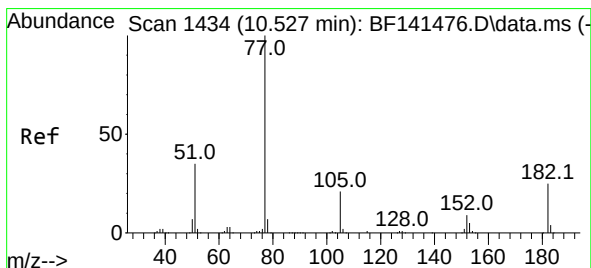
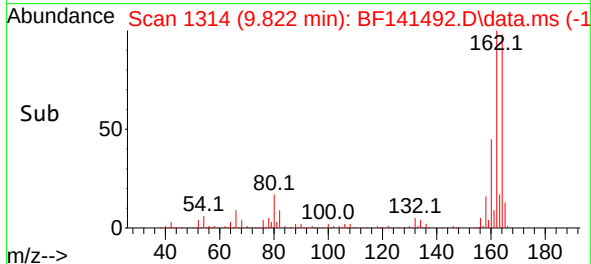
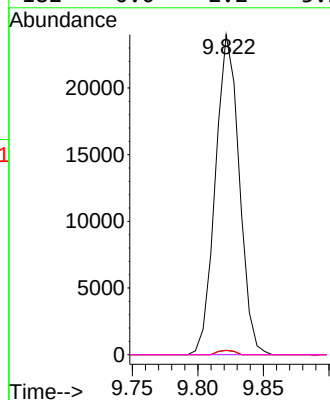
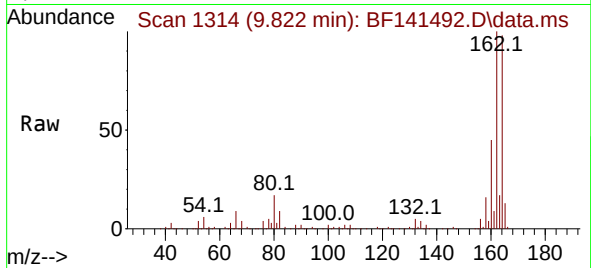




#57
2,4-Dinitrotoluene
Concen: 6.714 ng
RT: 9.822 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

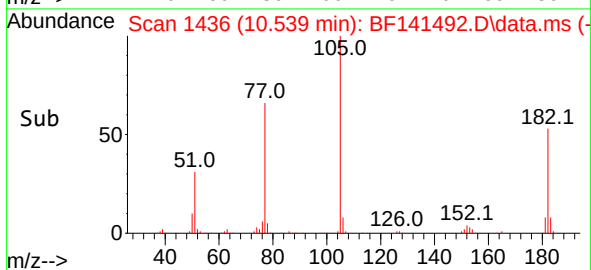
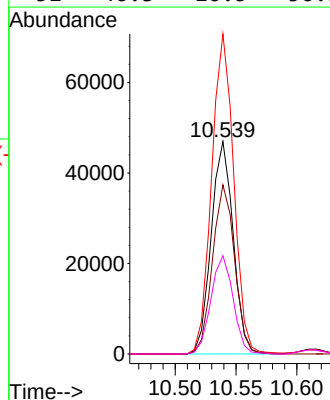
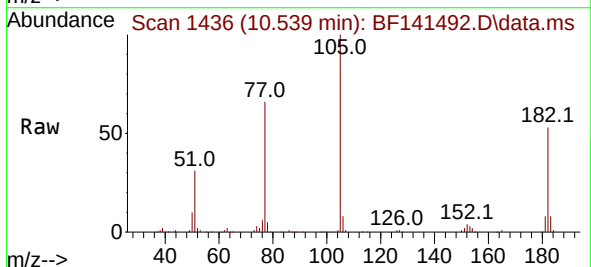
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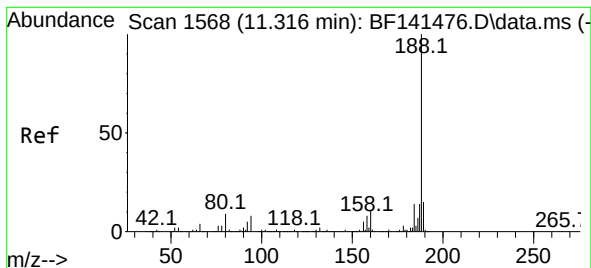
Tgt Ion:165 Resp: 30345
Ion Ratio Lower Upper
165 100
63 1.3 46.4 69.6#
89 1.4 61.8 92.6#
182 0.0 2.2 3.2#



#63
Azobenzene
Concen: 3.881 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.006 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

Tgt Ion: 77 Resp: 58947
Ion Ratio Lower Upper
77 100
182 79.6 4.7 44.7#
105 150.6 0.4 40.4#
51 46.3 16.5 56.5





#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

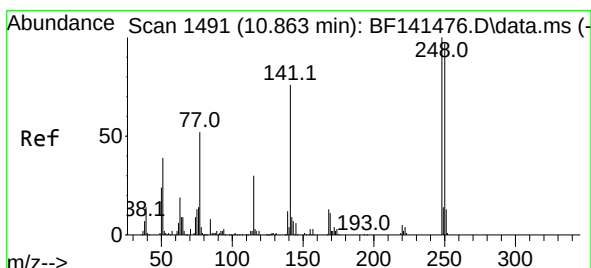
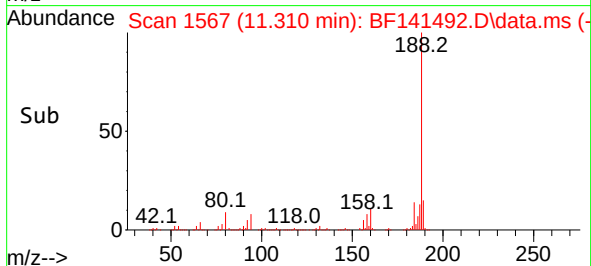
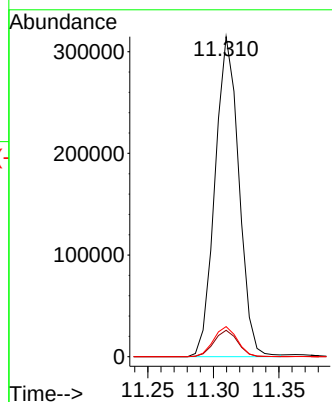
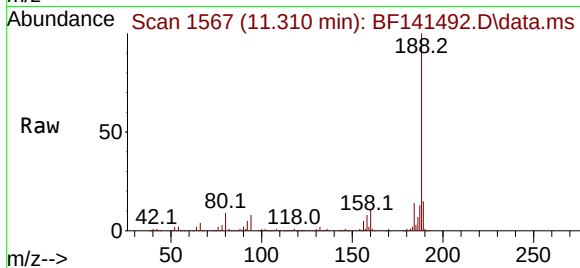
Tgt Ion:188 Resp: 398394

Ion Ratio Lower Upper

188 100

94 8.2 6.6 10.0

80 9.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.361 ng

RT: 10.616 min Scan# 1449

Delta R.T. -0.247 min

Lab File: BF141492.D

Acq: 06 Feb 2025 20:37

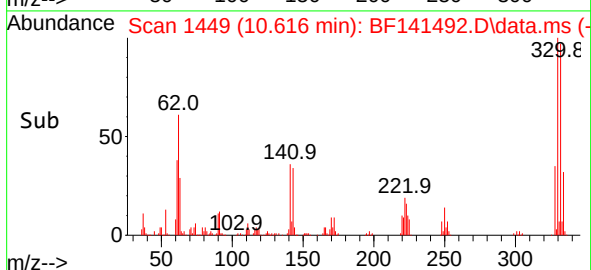
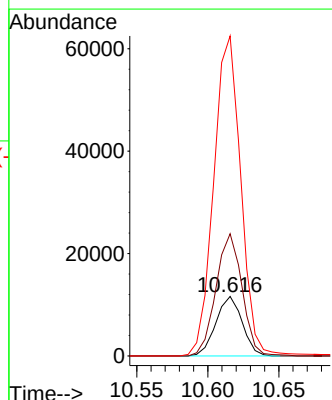
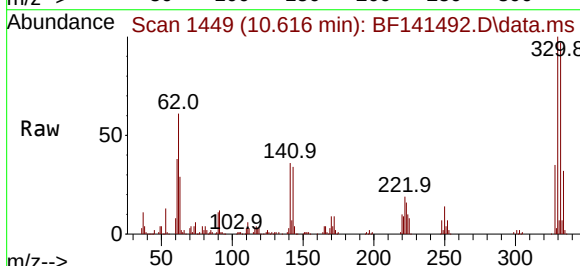
Tgt Ion:248 Resp: 14965

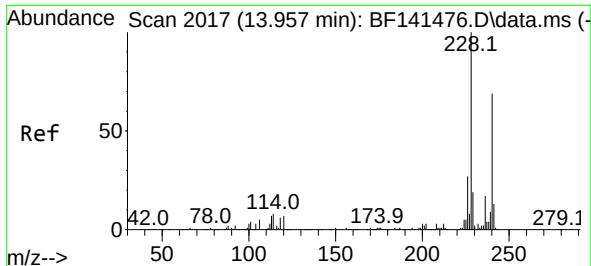
Ion Ratio Lower Upper

248 100

250 205.4 77.8 116.6#

141 537.8 60.6 90.8#

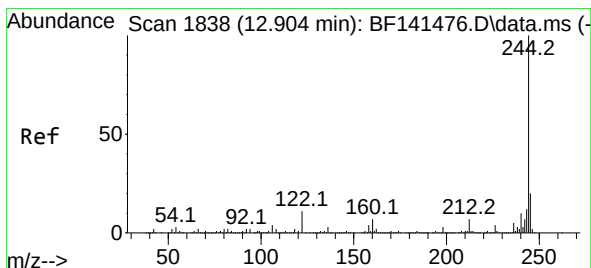
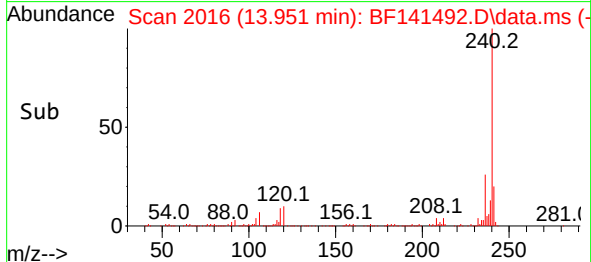
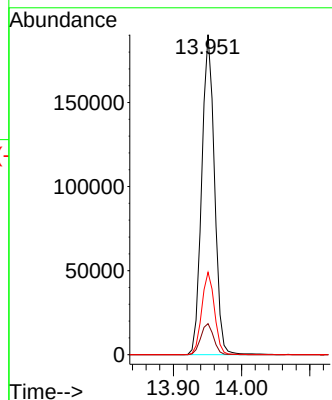
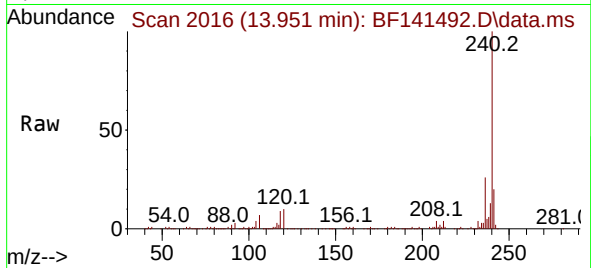




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 20
Delta R.T. -0.012 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

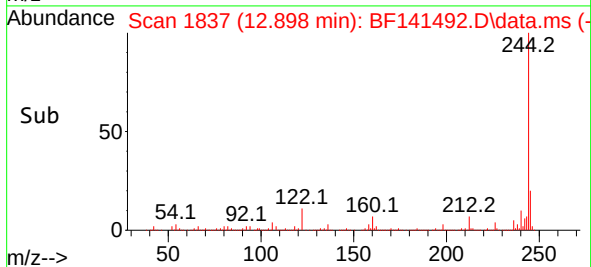
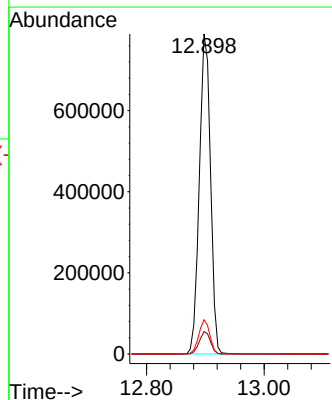
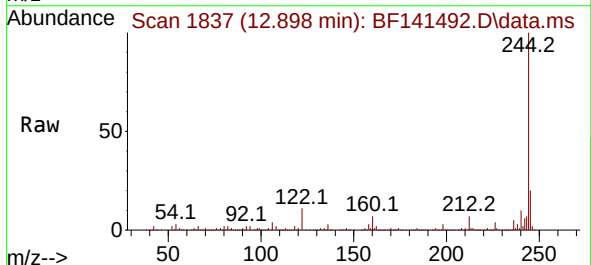
Instrument :
BNA_F
ClientSampleId :
WC-6

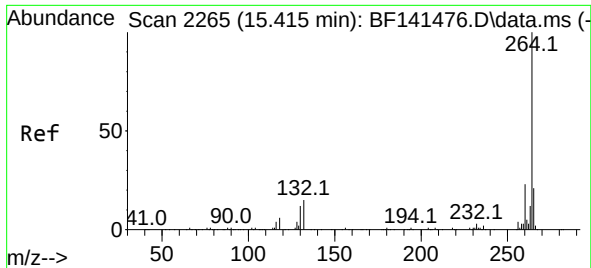
Tgt Ion:240 Resp: 247945
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.7 19.8 29.8



#79
Terphenyl-d14
Concen: 70.721 ng
RT: 12.898 min Scan# 1837
Delta R.T. -0.006 min
Lab File: BF141492.D
Acq: 06 Feb 2025 20:37

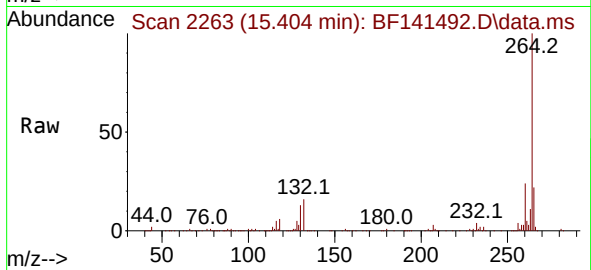
Tgt Ion:244 Resp: 1038685
Ion Ratio Lower Upper
244 100
212 7.0 5.6 8.4
122 10.7 8.4 12.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141492.D
 Acq: 06 Feb 2025 20:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-6



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

