

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011224\
 Data File : BF137048.D
 Acq On : 12 Jan 2024 15:01
 Operator : CG\JU
 Sample : P1119-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-J

Quant Time: Jan 12 15:39:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

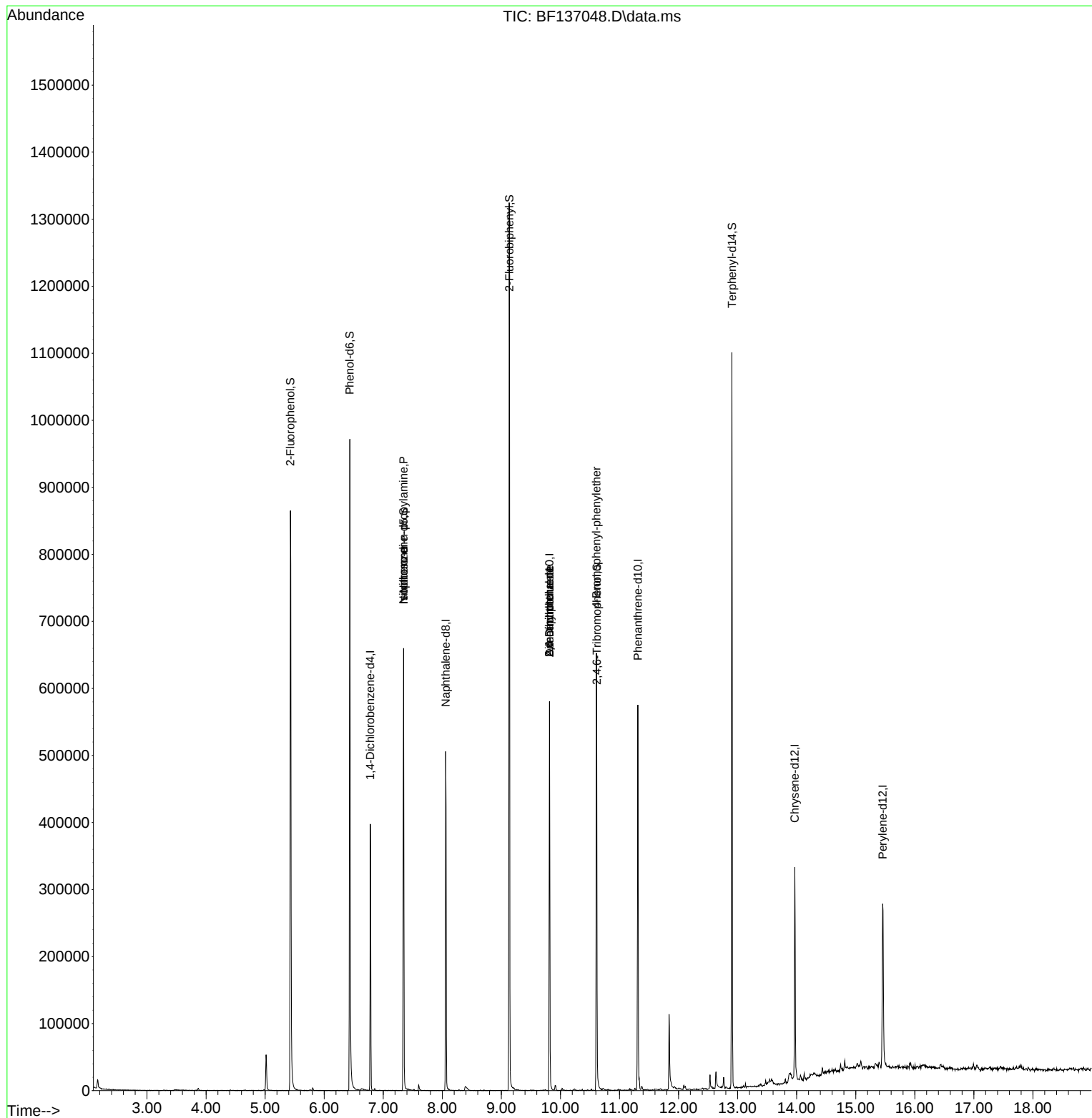
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	58511	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	220223	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	114013	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	200691	20.000	ng	0.00
76) Chrysene-d12	13.968	240	106495	20.000	ng	0.00
86) Perylene-d12	15.457	264	131687	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	254877	67.967	ng	0.00
7) Phenol-d6	6.434	99	313929	64.606	ng	0.00
23) Nitrobenzene-d5	7.345	82	195092	45.332	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	86190	64.189	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	413993	48.838	ng	-0.02
79) Terphenyl-d14	12.904	244	362956	47.628	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	24347	8.266	ng	# 80
25) Isophorone	7.345	82	195117	24.916	ng	# 65
50) Dimethylphthalate	9.816	163	21274	2.555	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	13949	7.380	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	13949	5.685	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	5324	2.389	ng	# 1

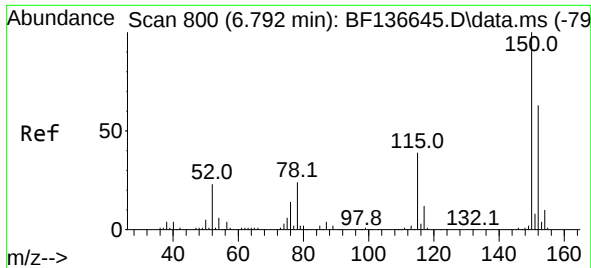
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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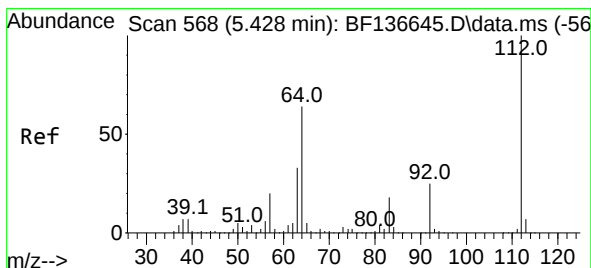
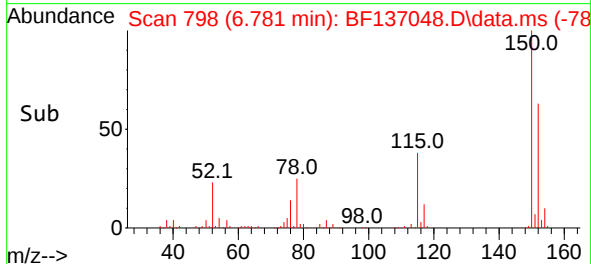
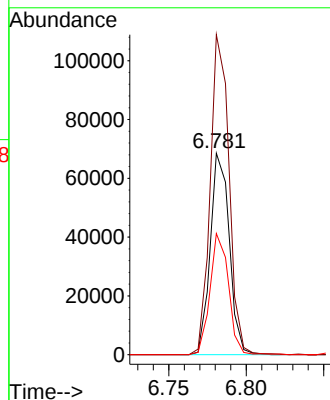
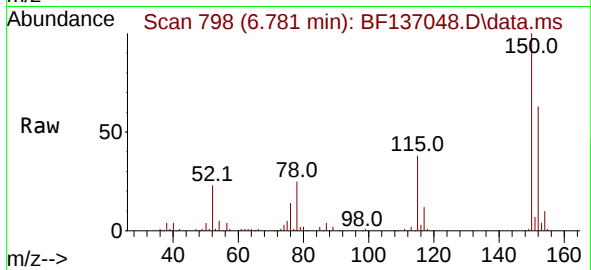




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

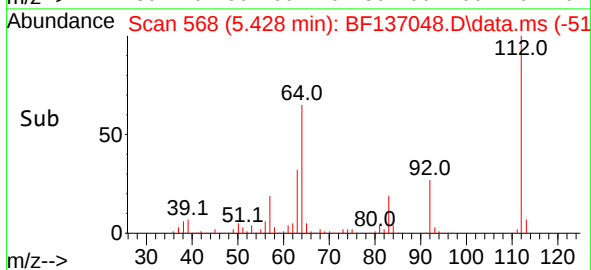
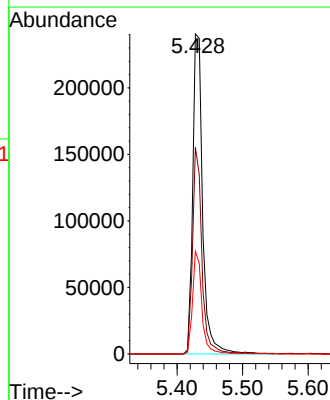
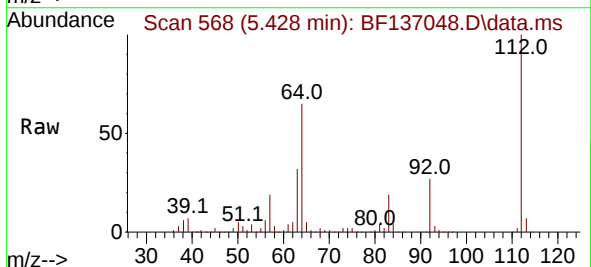
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BNA_F
ClientSampleId :
MH-J

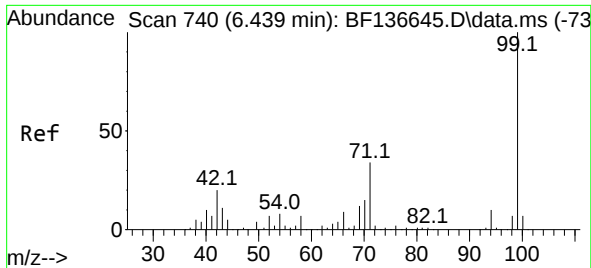
Tgt Ion:152 Resp: 58511
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 60.2 49.0 73.4



#5
2-Fluorophenol
Concen: 67.967 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

Tgt Ion:112 Resp: 254877
Ion Ratio Lower Upper
112 100
64 64.6 51.1 76.7
63 32.1 26.1 39.1

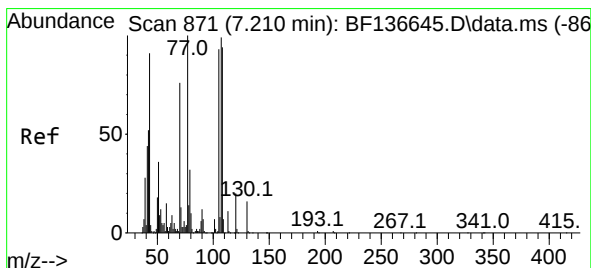
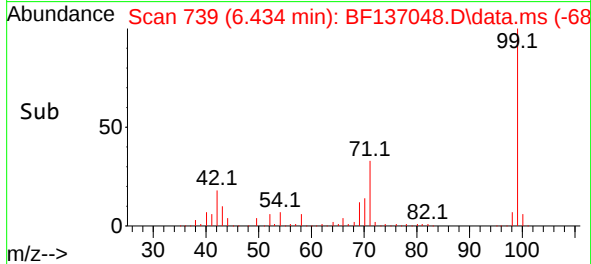
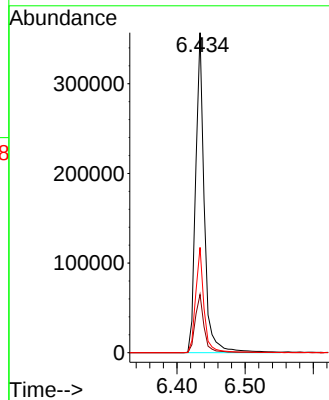
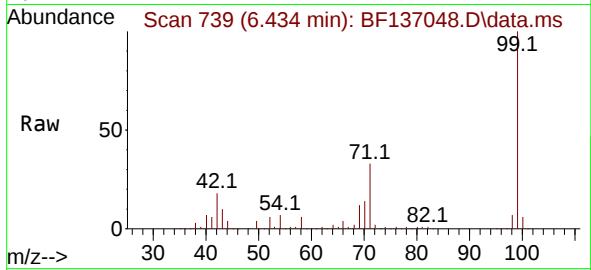




#7
Phenol-d6
Concen: 64.606 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

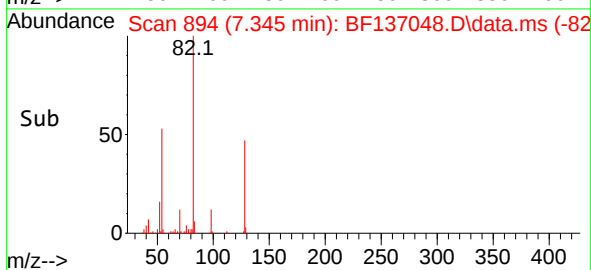
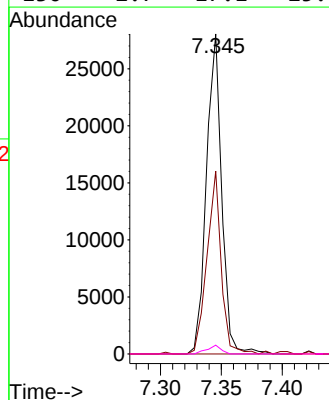
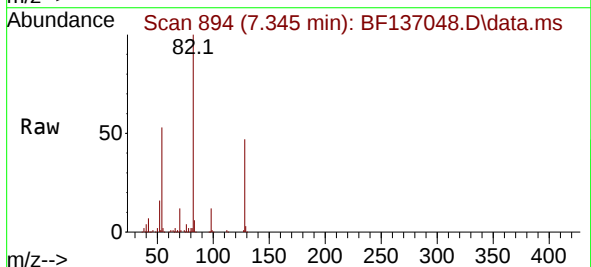
Instrument :
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ClientSampleId :
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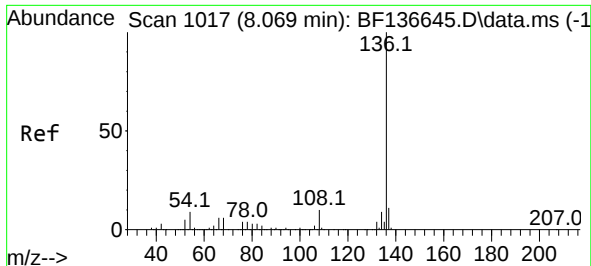
Tgt Ion: 99 Resp: 313929
Ion Ratio Lower Upper
99 100
42 18.2 16.1 24.1
71 32.9 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 8.266 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

Tgt Ion: 70 Resp: 24347
Ion Ratio Lower Upper
70 100
42 57.2 54.2 81.4
101 0.0 7.6 11.4#
130 2.7 17.1 25.7#



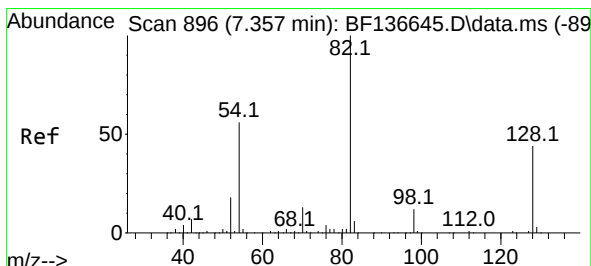
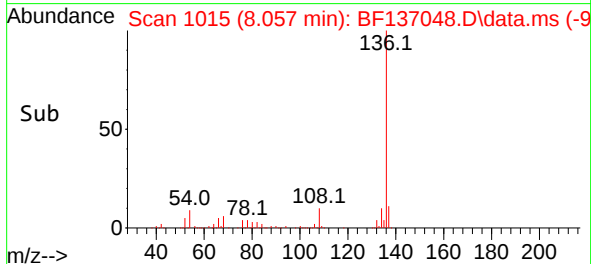
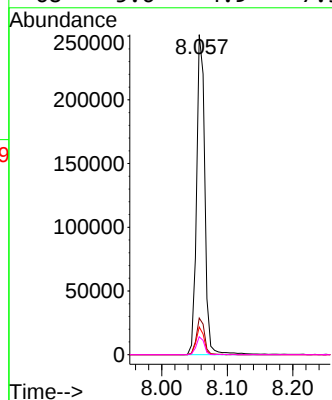
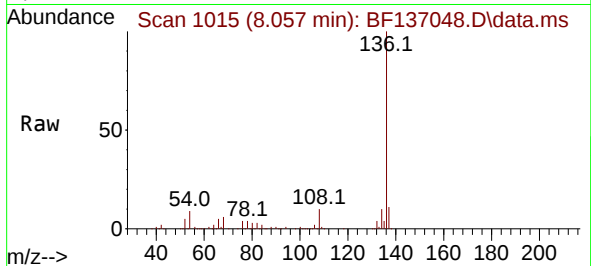


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

Instrument :
BNA_F
ClientSampleId :
MH-J

Tgt Ion:136 Resp: 220223

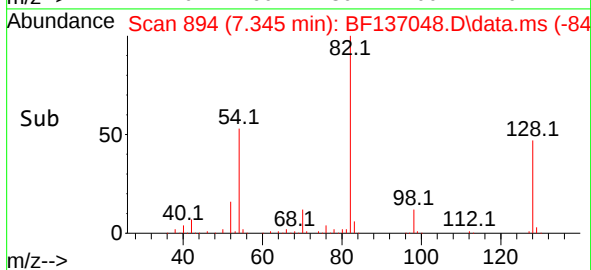
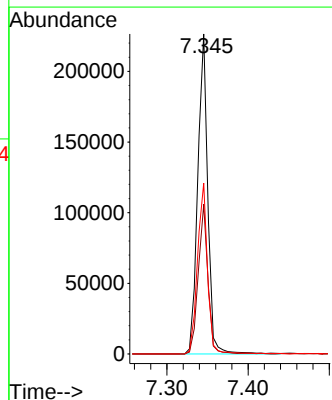
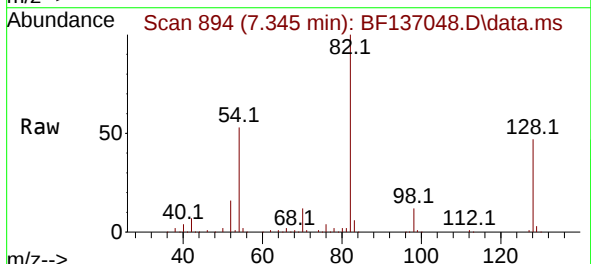
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	8.7	7.2	10.8
68	5.6	4.9	7.3

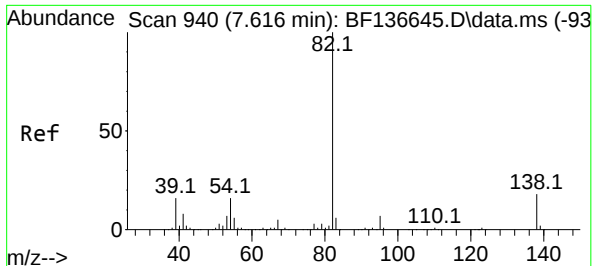


#23
Nitrobenzene-d5
Concen: 45.332 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

Tgt Ion: 82 Resp: 195092

Ion	Ratio	Lower	Upper
82	100		
128	46.8	35.3	52.9
54	53.4	44.5	66.7

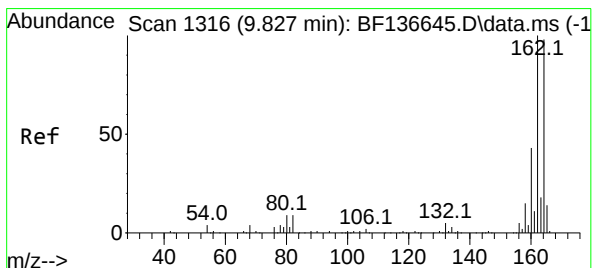
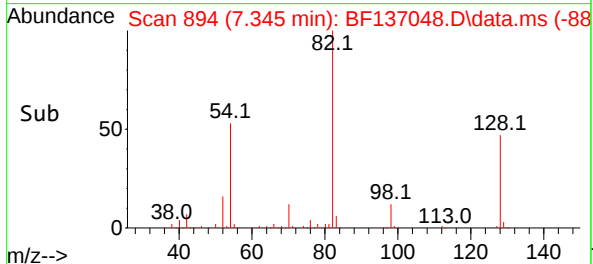
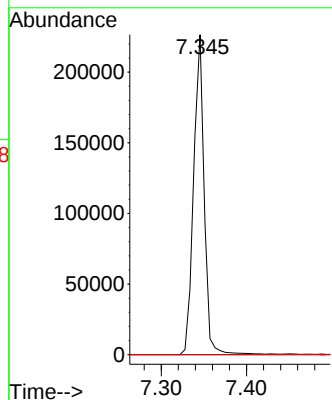
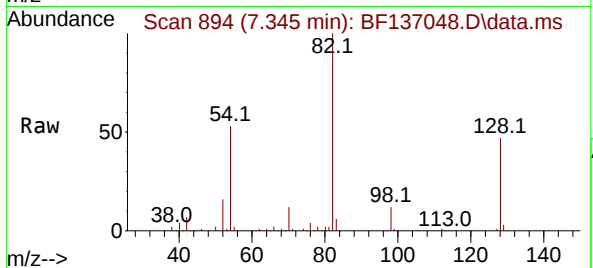




#25
Isophorone
Concen: 24.916 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

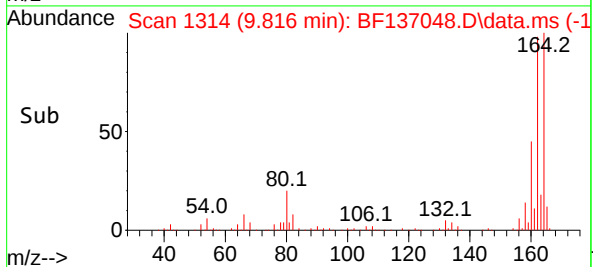
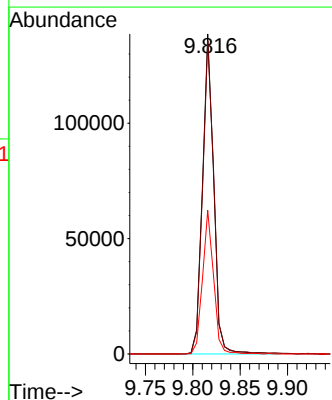
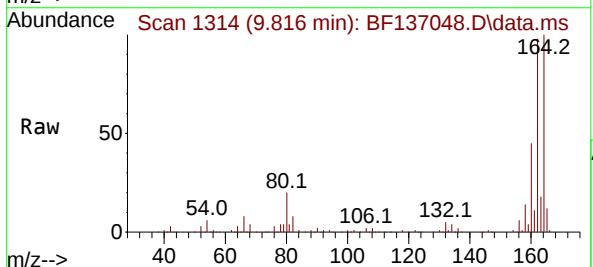
Instrument :
BNA_F
ClientSampleId :
MH-J

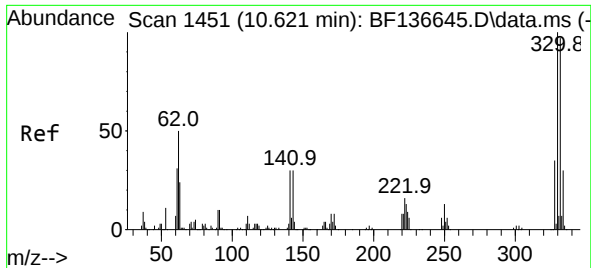
Tgt Ion: 82 Resp: 195117
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

Tgt Ion:164 Resp: 114013
Ion Ratio Lower Upper
164 100
162 97.8 81.6 122.4
160 44.9 34.9 52.3

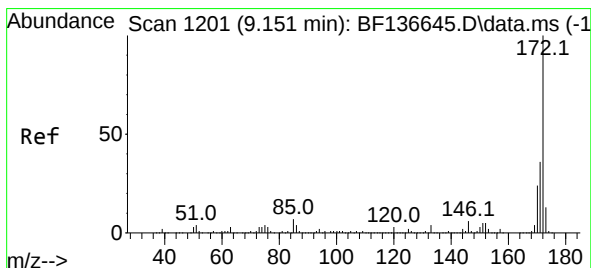
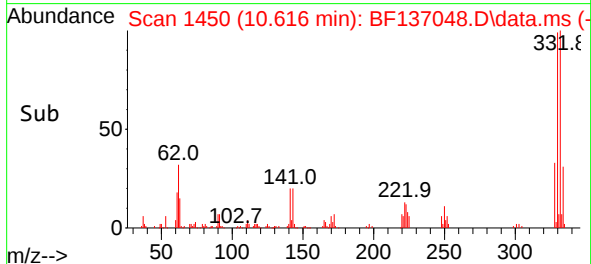
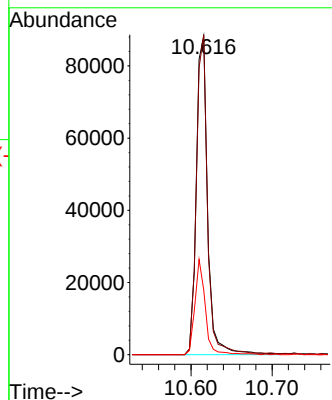
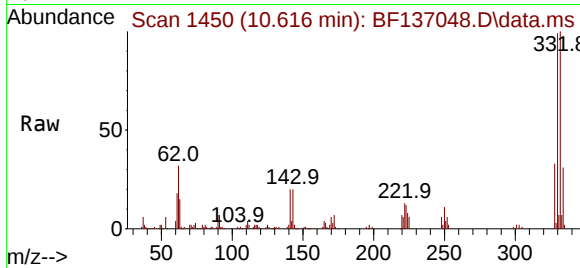




#42
2,4,6-Tribromophenol
Concen: 64.189 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

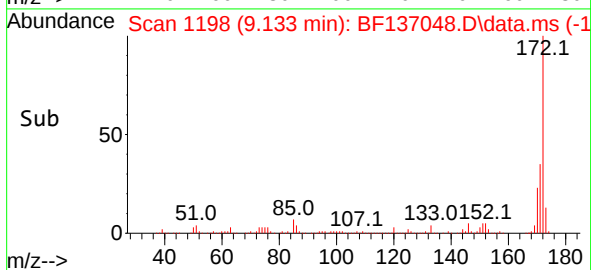
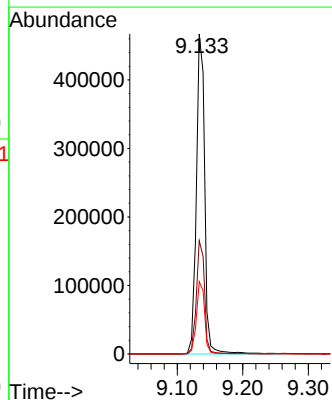
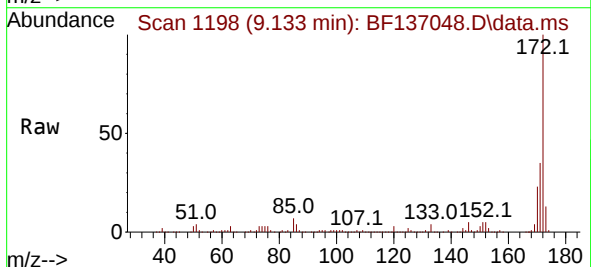
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ClientSampleId :
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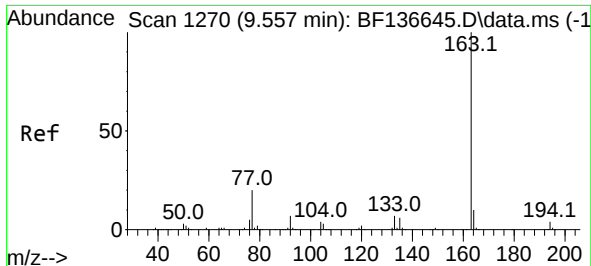
Tgt Ion: 330 Resp: 86190
Ion Ratio Lower Upper
330 100
332 98.4 77.4 116.0
141 27.4 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 48.838 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

Tgt Ion: 172 Resp: 413993
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 22.6 19.0 28.4

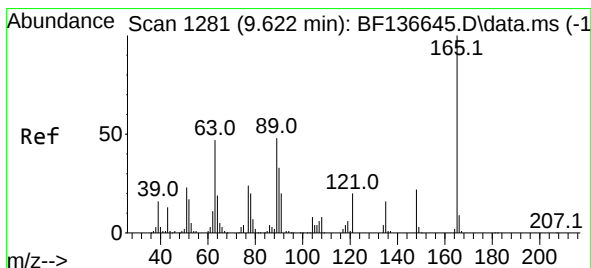
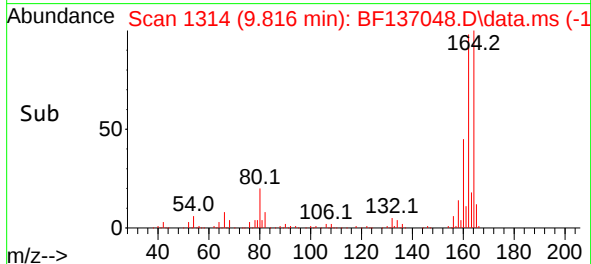
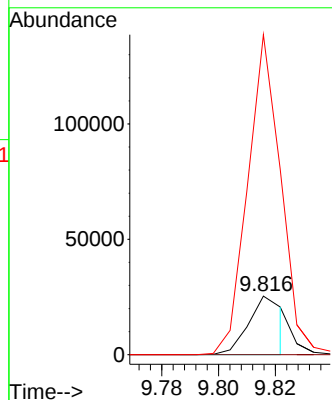
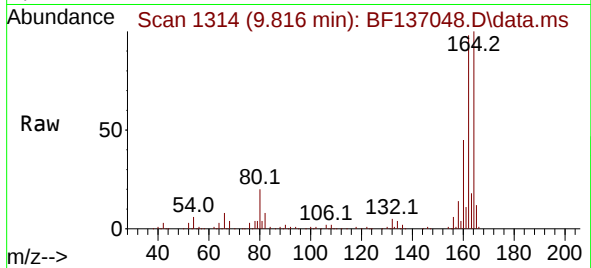




#50
Dimethylphthalate
Concen: 2.555 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

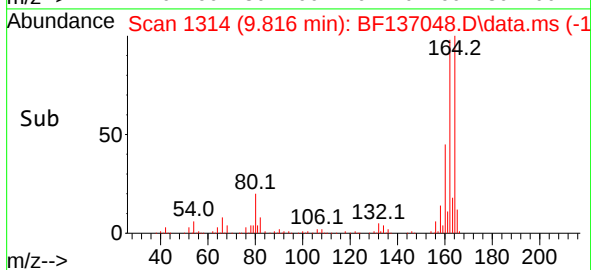
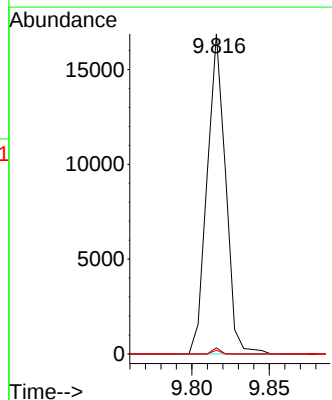
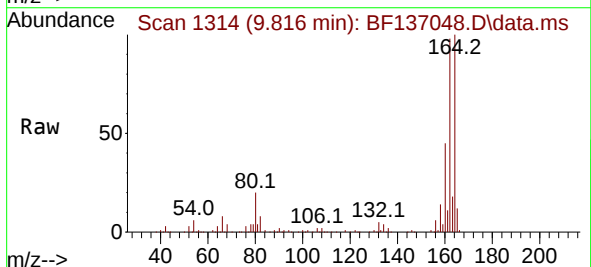
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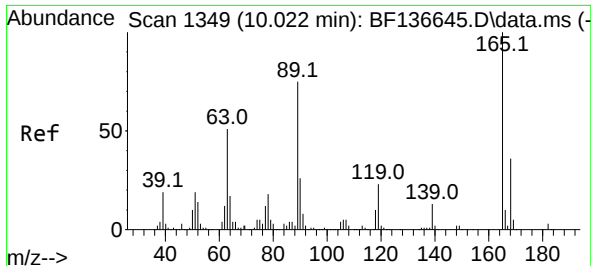
Tgt Ion:163 Resp: 21274
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 546.0 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.380 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

Tgt Ion:165 Resp: 13949
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 1.2 38.8 58.2#

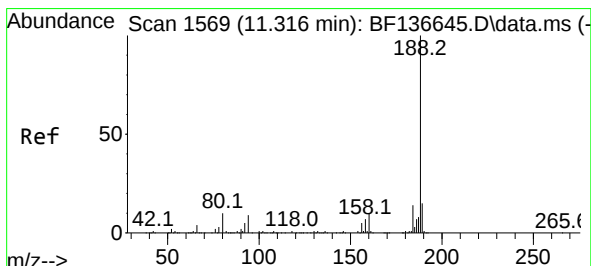
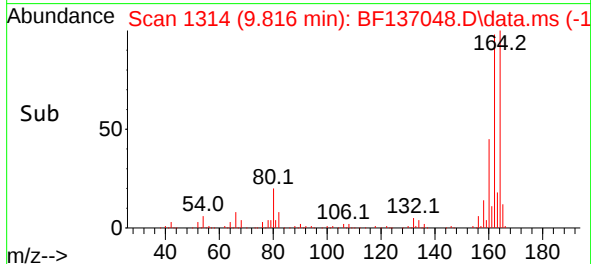
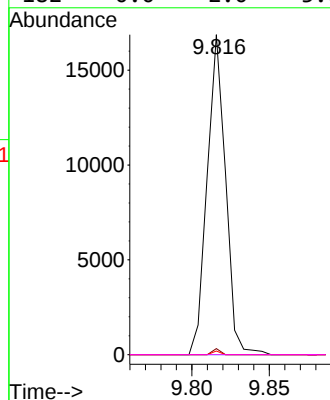
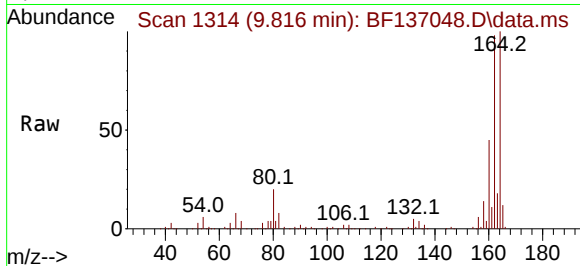




#57
2,4-Dinitrotoluene
Concen: 5.685 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

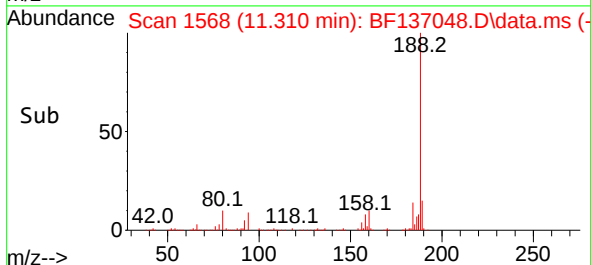
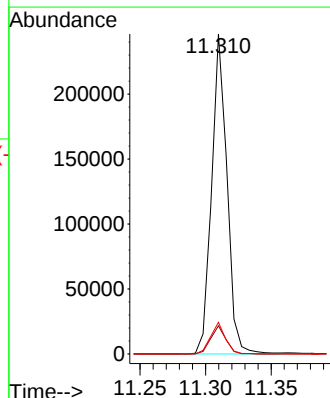
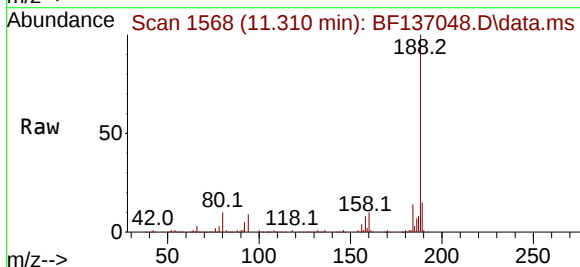
Instrument :
BNA_F
ClientSampleId :
MH-J

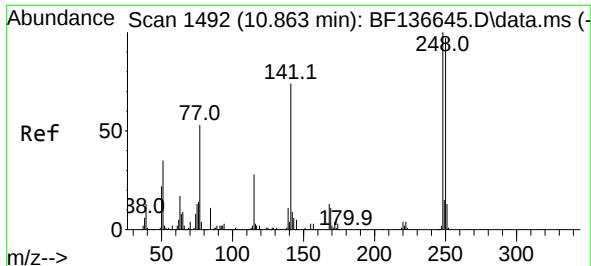
Tgt Ion:165 Resp: 13949
Ion Ratio Lower Upper
165 100
63 1.9 41.0 61.6#
89 1.2 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

Tgt Ion:188 Resp: 200691
Ion Ratio Lower Upper
188 100
94 8.8 7.5 11.3
80 9.9 8.1 12.1

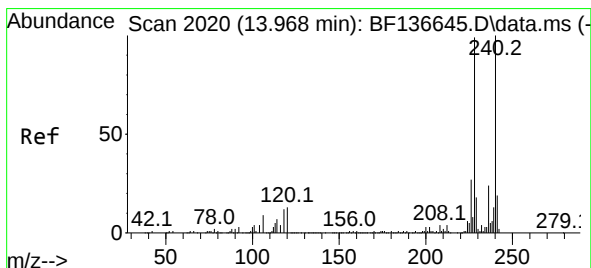
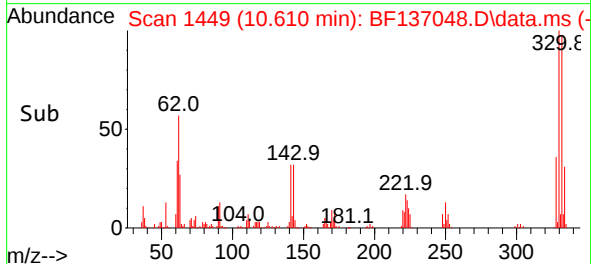
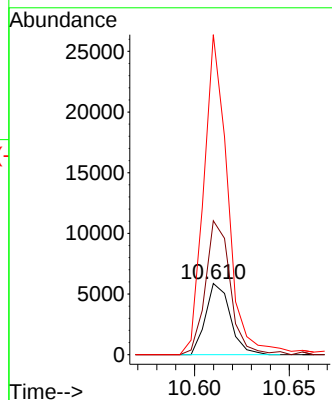
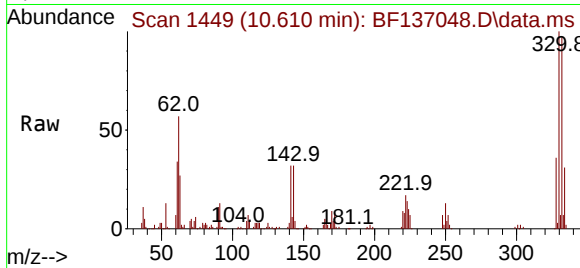




#67
4-Bromophenyl-phenylether
Concen: 2.389 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

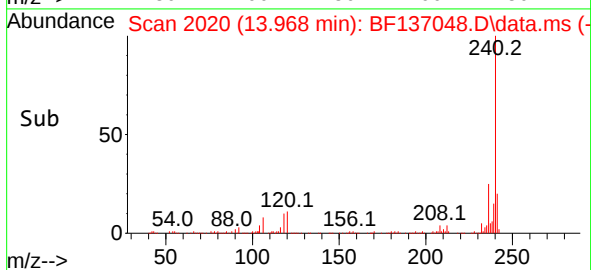
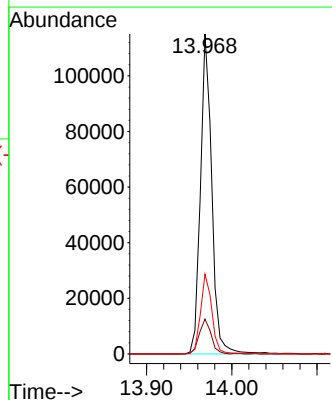
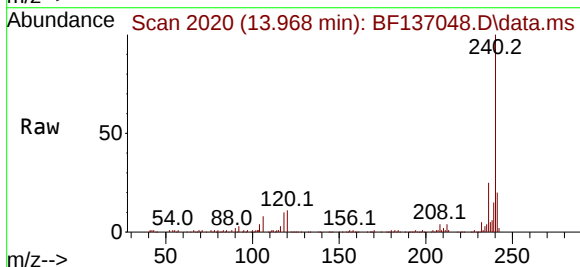
Instrument :
BNA_F
ClientSampleId :
MH-J

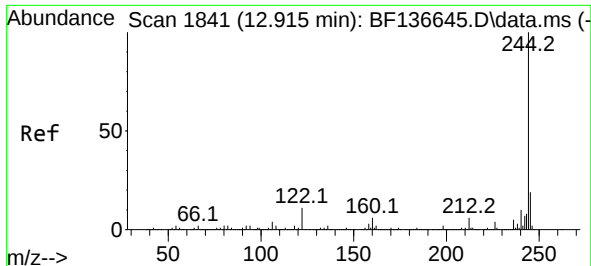
Tgt Ion:248 Resp: 5324
Ion Ratio Lower Upper
248 100
250 188.1 77.8 116.6#
141 449.4 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF137048.D
Acq: 12 Jan 2024 15:01

Tgt Ion:240 Resp: 106495
Ion Ratio Lower Upper
240 100
120 10.9 10.3 15.5
236 24.9 19.4 29.2

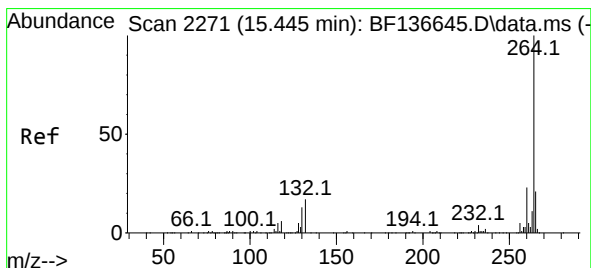
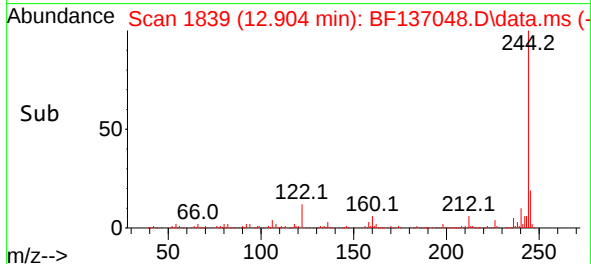
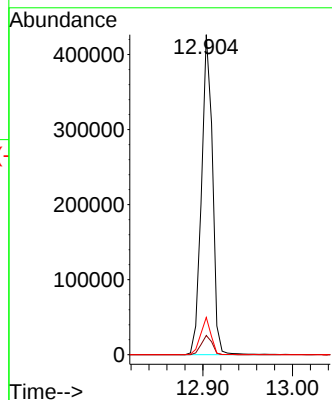
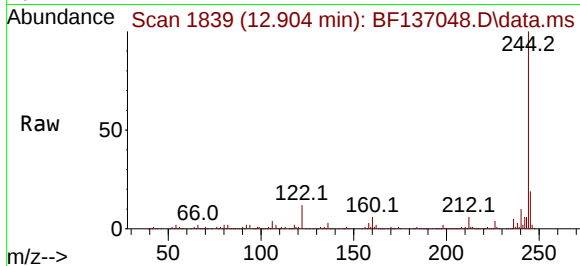




#79
 Terphenyl-d14
 Concen: 47.628 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137048.D
 Acq: 12 Jan 2024 15:01

Instrument :
 BNA_F
 ClientSampleId :
 MH-J

Tgt Ion:244 Resp: 362956
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 11.7 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. 0.012 min
 Lab File: BF137048.D
 Acq: 12 Jan 2024 15:01

Tgt Ion:264 Resp: 131687
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.3 27.5
 265 21.0 17.0 25.6

