

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122623\
 Data File : BF136734.D
 Acq On : 26 Dec 2023 23:07
 Operator : CG\JU
 Sample : 05538-03RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-112223

Quant Time: Dec 27 04:00:36 2023
 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)

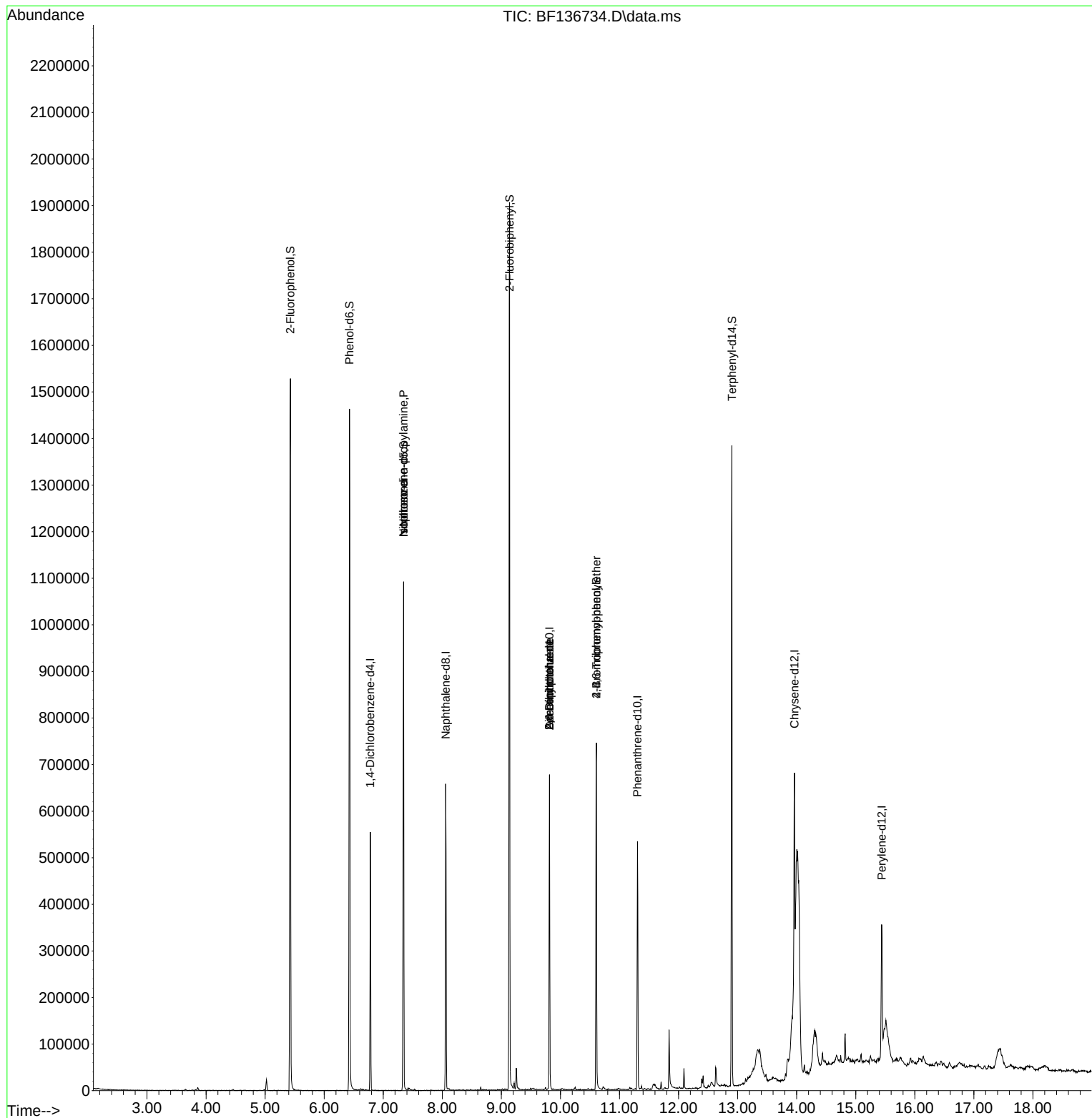
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	75256	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	278437	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	123725	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	192553	20.000	ng	-0.01
76) Chrysene-d12	13.962	240	148585	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	138161	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	417141	86.486	ng	0.00
7) Phenol-d6	6.428	99	520013	83.206	ng	-0.01
23) Nitrobenzene-d5	7.345	82	319052	58.635	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	96655	66.332	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	605250	65.795	ng	-0.01
79) Terphenyl-d14	12.904	244	479752	45.122	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	41619	10.985	ng	# 73
25) Isophorone	7.345	82	317612	32.079	ng	# 65
50) Dimethylphthalate	9.816	163	24703	2.733	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	15710	7.660	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	15710	5.900	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	5974	2.794	ng	# 1

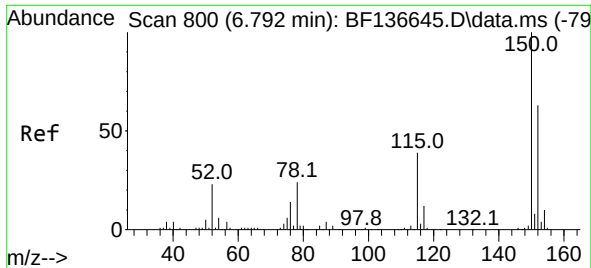
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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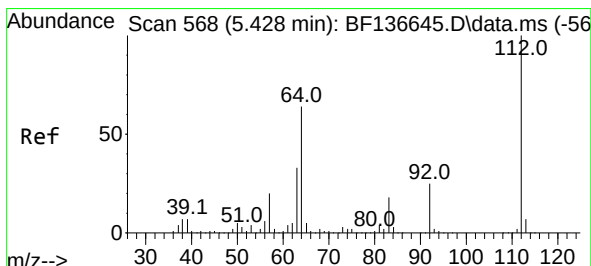
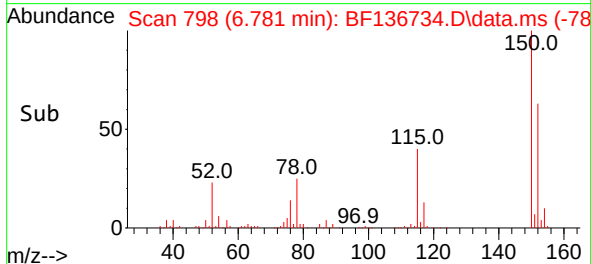
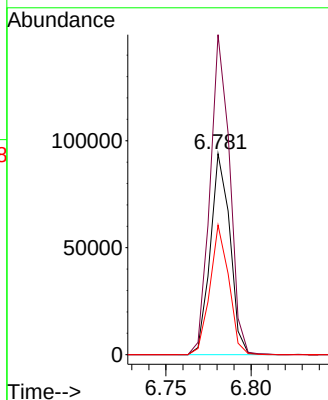
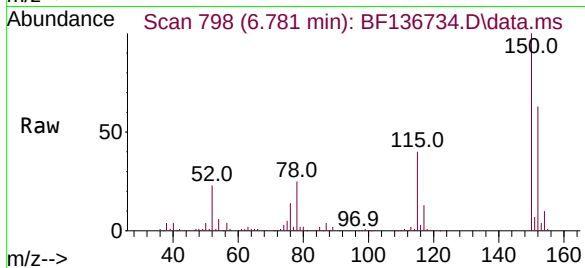




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

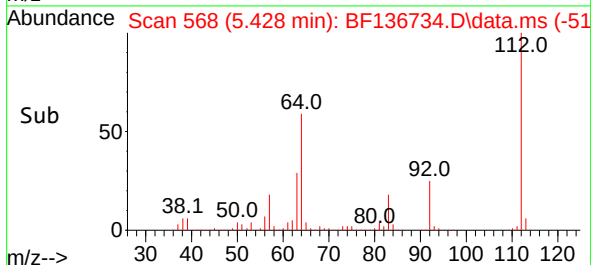
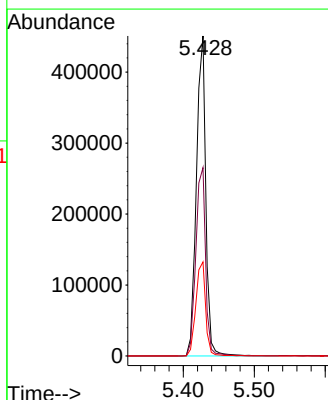
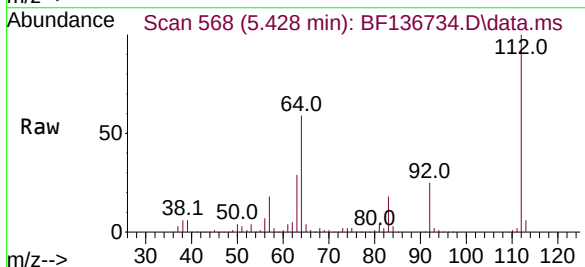
Instrument :
BNA_F
ClientSampleId :
HR-03-112223

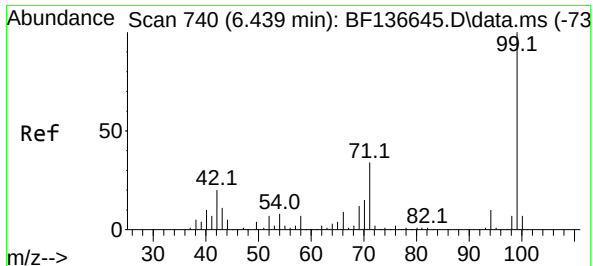
Tgt Ion:152 Resp: 75256
Ion Ratio Lower Upper
152 100
150 159.2 127.0 190.6
115 64.5 49.0 73.4



#5
2-Fluorophenol
Concen: 86.486 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

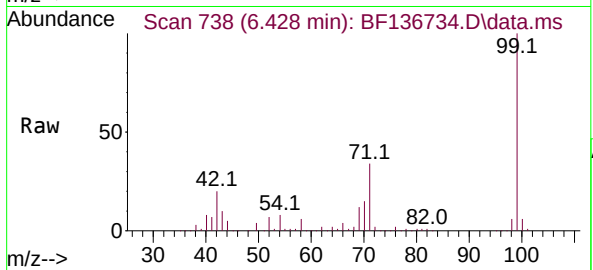
Tgt Ion:112 Resp: 417141
Ion Ratio Lower Upper
112 100
64 58.8 51.1 76.7
63 29.4 26.1 39.1





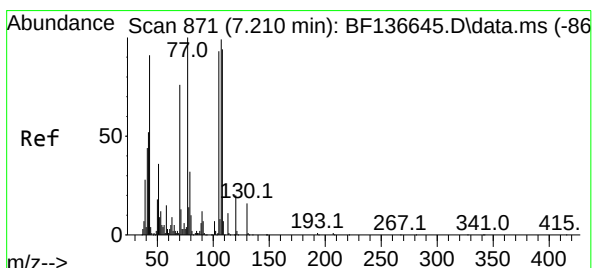
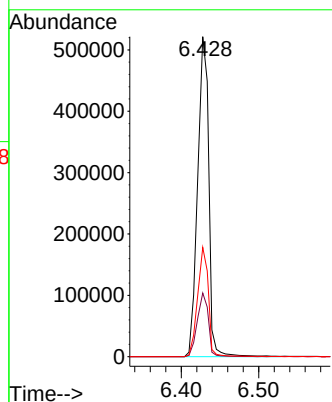
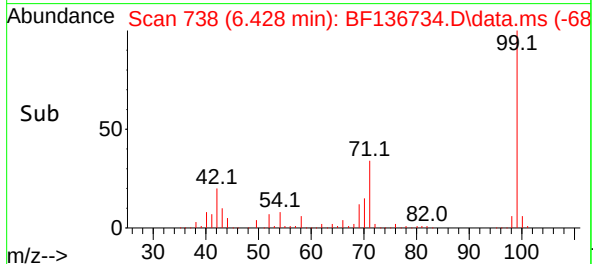
#7
Phenol-d6
Concen: 83.206 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

Instrument :
BNA_F
ClientSampleId :
HR-03-112223

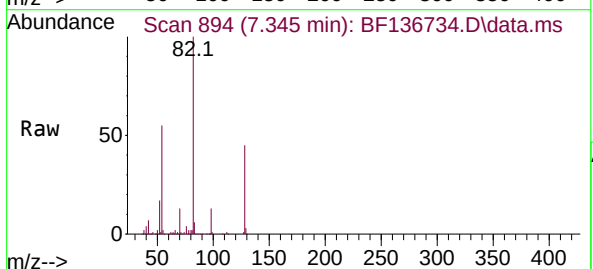


Tgt Ion: 99 Resp: 520013

Ion	Ratio	Lower	Upper
99	100		
42	19.9	16.1	24.1
71	34.2	27.4	41.2

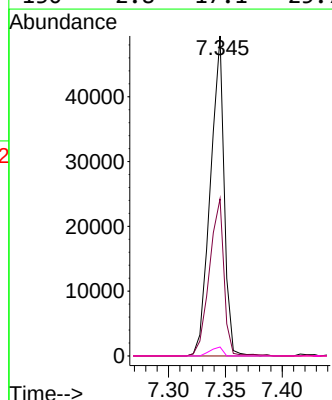
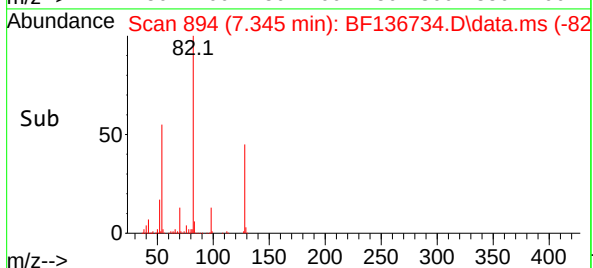


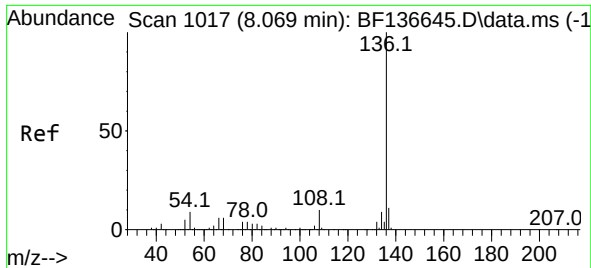
#19
n-Nitroso-di-n-propylamine
Concen: 10.985 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07



Tgt Ion: 70 Resp: 41619

Ion	Ratio	Lower	Upper
70	100		
42	49.1	54.2	81.4#
101	0.0	7.6	11.4#
130	2.8	17.1	25.7#



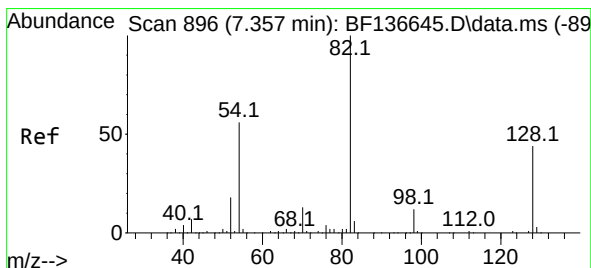
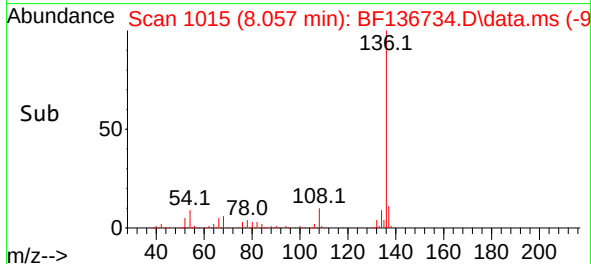
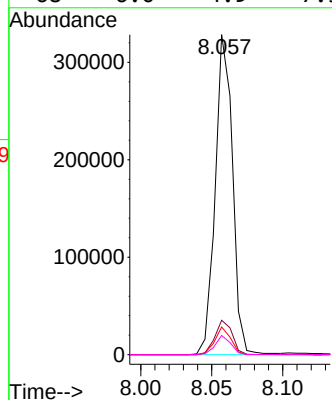
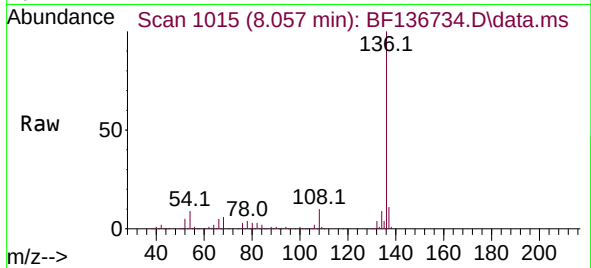


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

Instrument :
BNA_F
ClientSampleId :
HR-03-112223

Tgt Ion:136 Resp: 278437

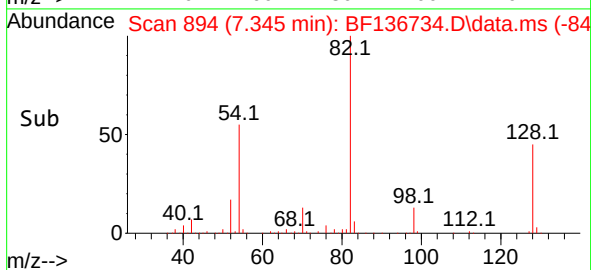
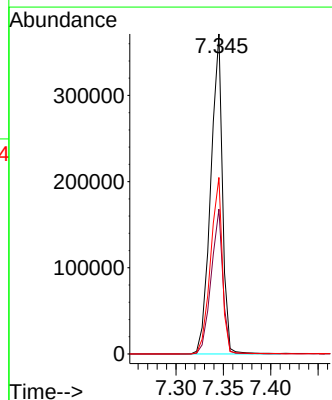
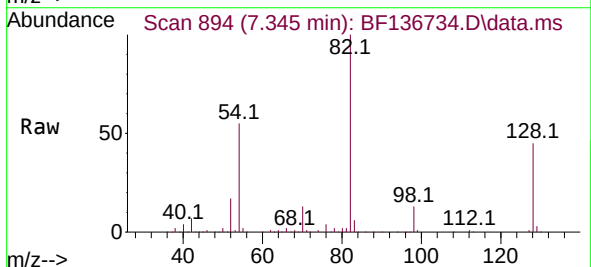
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.4
54	8.6	7.2	10.8
68	6.0	4.9	7.3

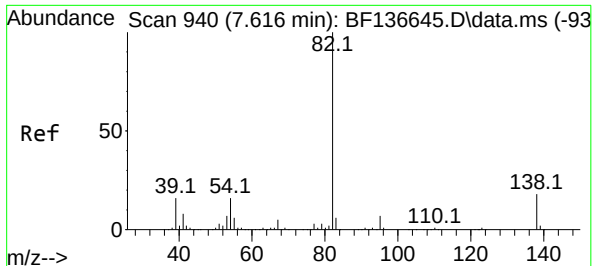


#23
Nitrobenzene-d5
Concen: 58.635 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.012 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

Tgt Ion: 82 Resp: 319052

Ion	Ratio	Lower	Upper
82	100		
128	45.3	35.3	52.9
54	55.2	44.5	66.7

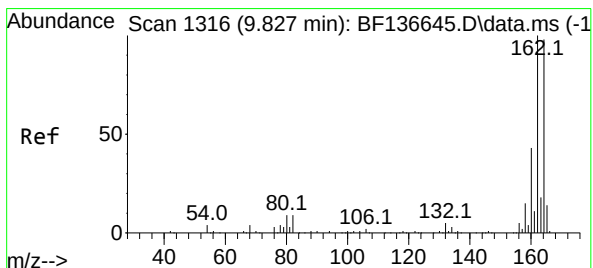
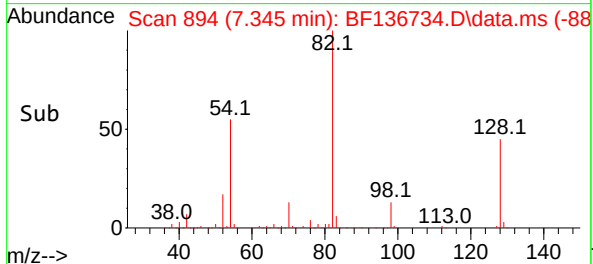
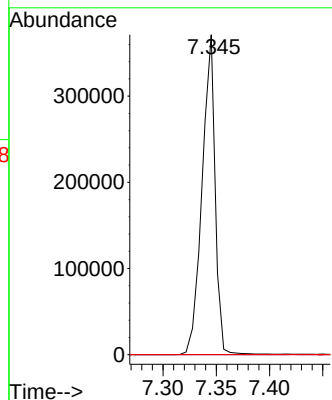
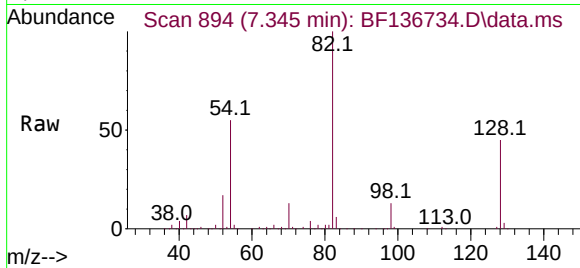




#25
Isophorone
Concen: 32.079 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.271 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

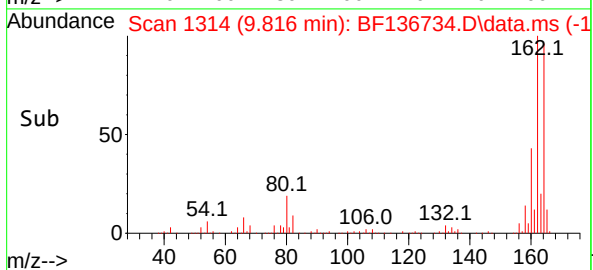
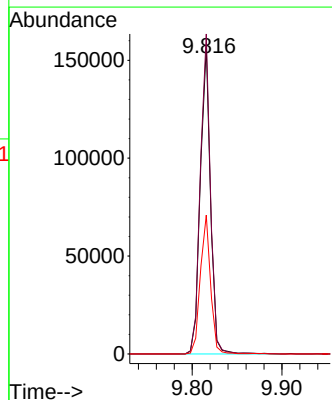
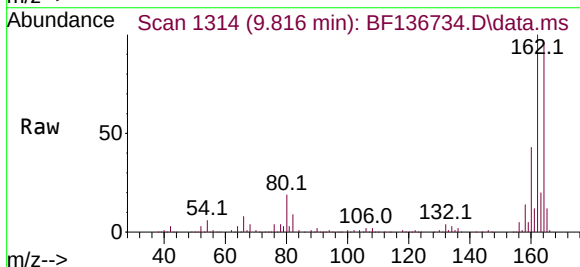
Instrument :
BNA_F
ClientSampleId :
HR-03-112223

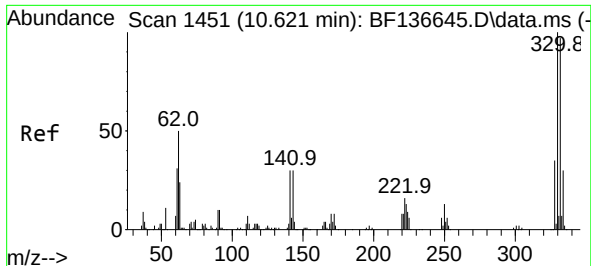
Tgt Ion: 82 Resp: 317612
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 14.5 21.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.012 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

Tgt Ion: 164 Resp: 123725
Ion Ratio Lower Upper
164 100
162 104.1 81.6 122.4
160 45.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 66.332 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136734.D

Acq: 26 Dec 2023 23:07

Instrument :

BNA_F

ClientSampleId :

HR-03-112223

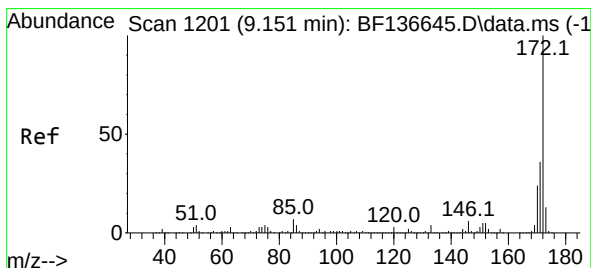
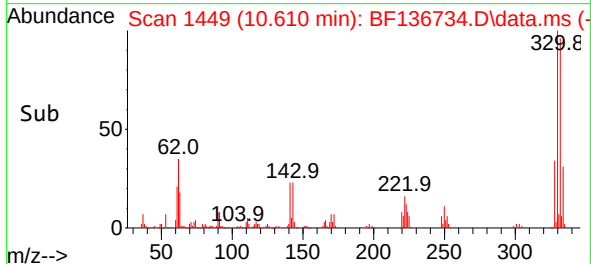
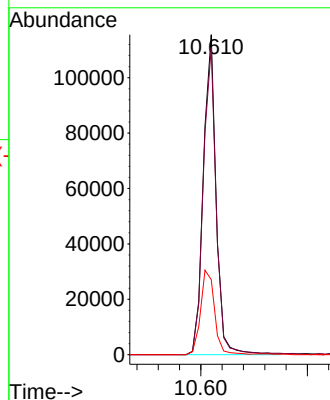
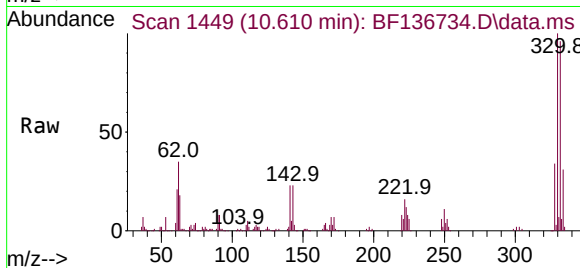
Tgt Ion:330 Resp: 96655

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

141 28.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 65.795 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136734.D

Acq: 26 Dec 2023 23:07

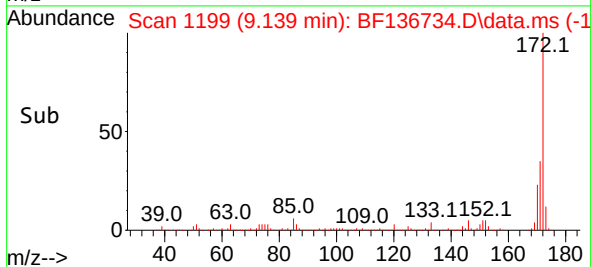
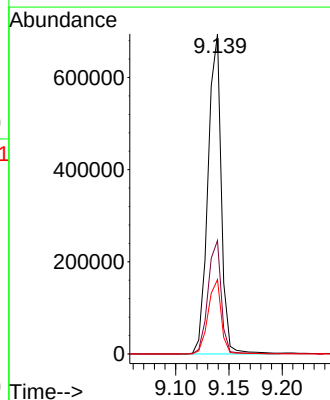
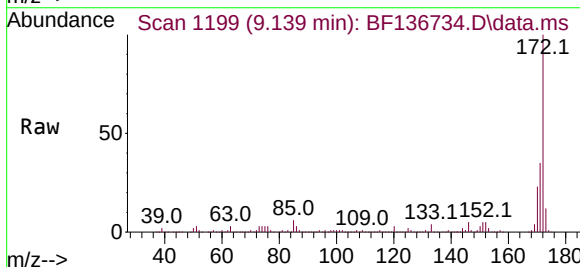
Tgt Ion:172 Resp: 605250

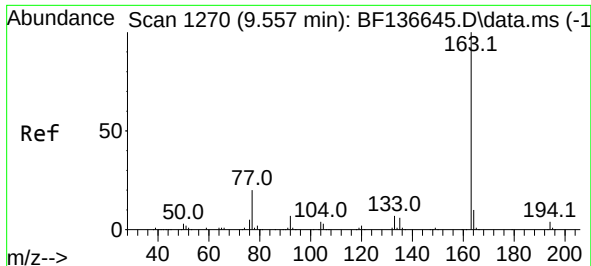
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 23.2 19.0 28.4

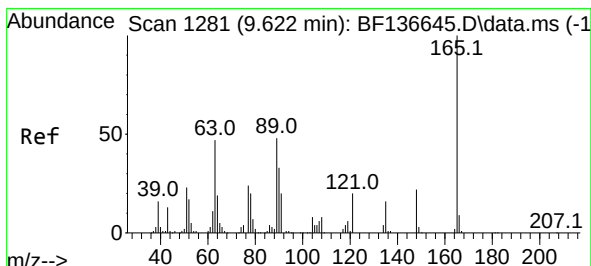
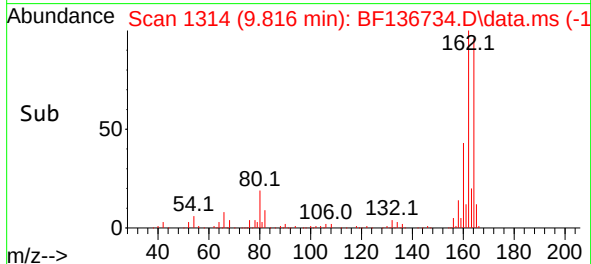
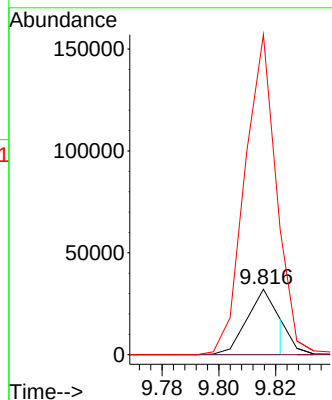
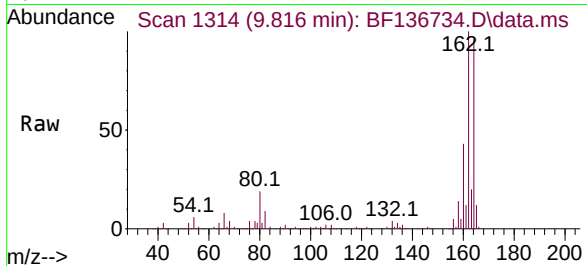




#50
Dimethylphthalate
Concen: 2.733 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

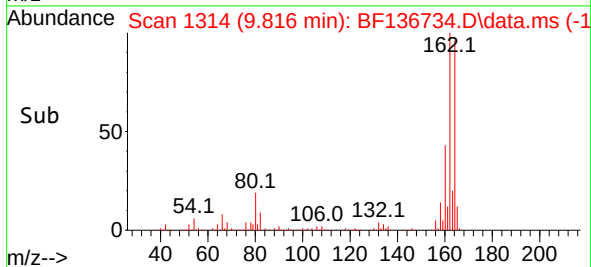
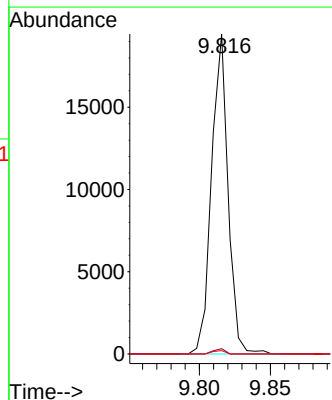
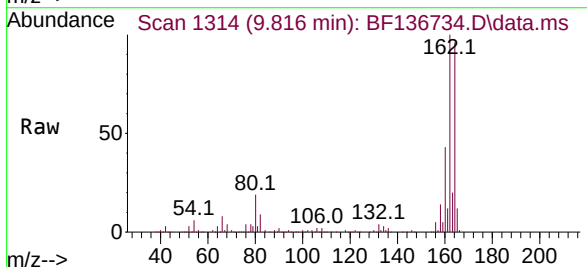
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HR-03-112223

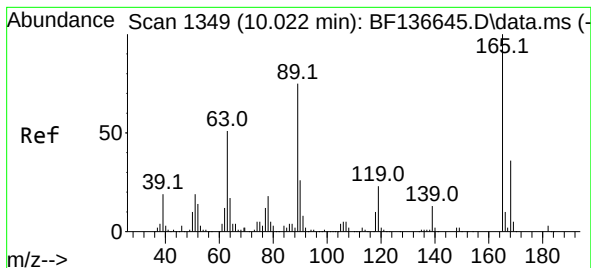
Tgt Ion:163 Resp: 24703
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 489.2 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.660 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

Tgt Ion:165 Resp: 15710
Ion Ratio Lower Upper
165 100
63 1.7 39.8 59.6#
89 1.1 38.8 58.2#

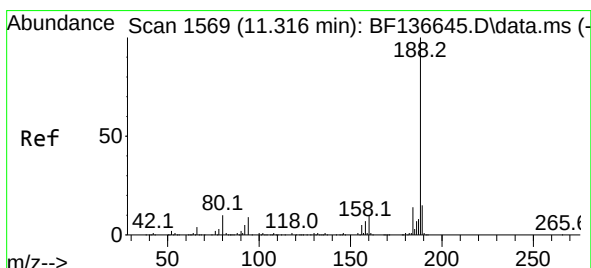
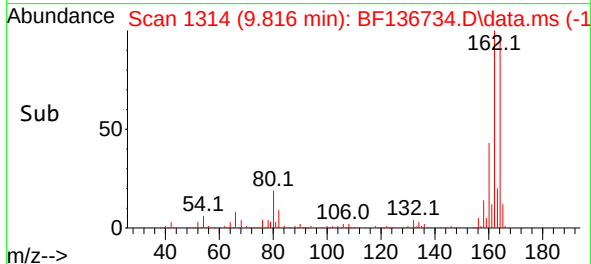
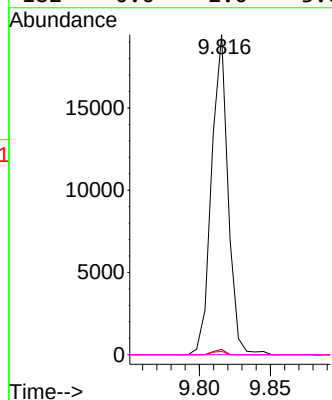
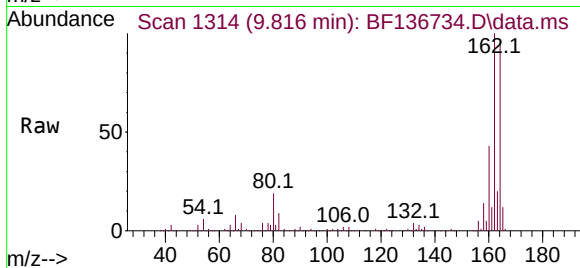




#57
2,4-Dinitrotoluene
Concen: 5.900 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

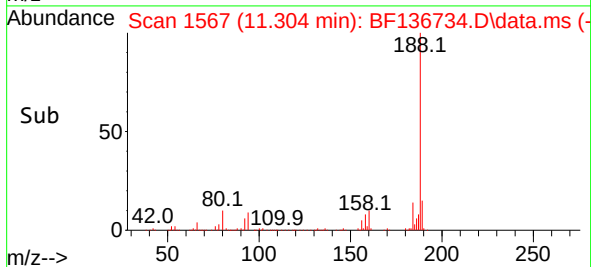
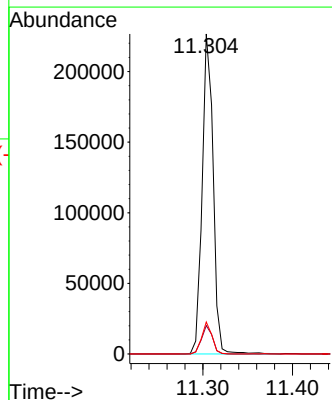
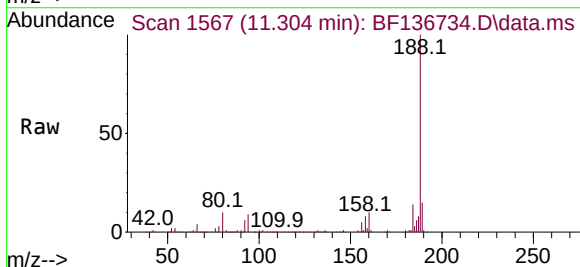
Instrument :
BNA_F
ClientSampleId :
HR-03-112223

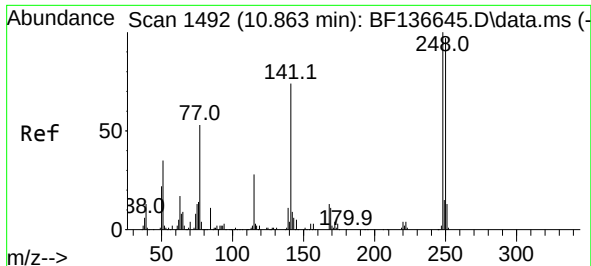
Tgt Ion:165	Resp:	15710
Ion Ratio	Lower	Upper
165	100	
63	1.7	41.0 61.6#
89	1.1	59.9 89.9#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.012 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

Tgt Ion:188	Resp:	192553
Ion Ratio	Lower	Upper
188	100	
94	8.8	7.5 11.3
80	10.0	8.1 12.1

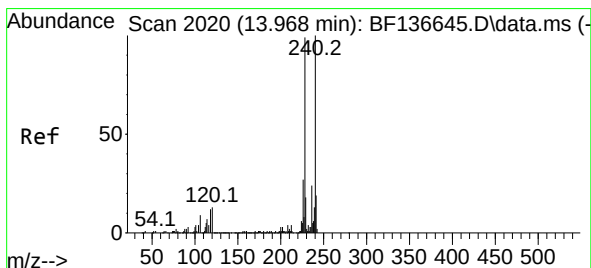
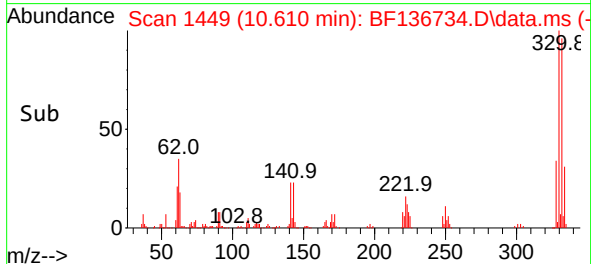
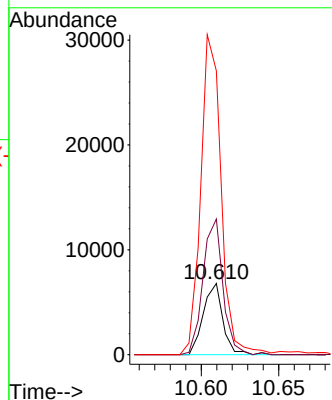
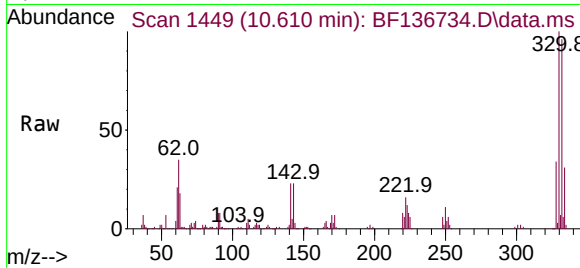




#67
4-Bromophenyl-phenylether
Concen: 2.794 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

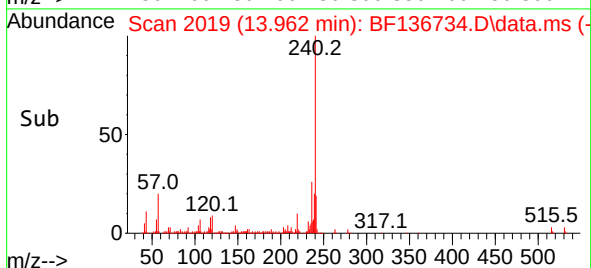
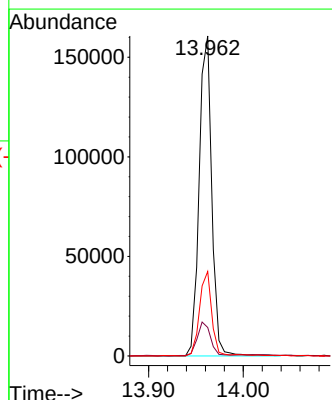
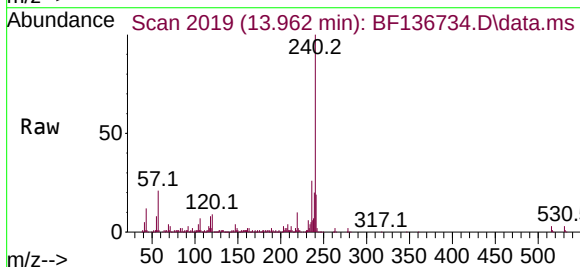
Instrument :
BNA_F
ClientSampleId :
HR-03-112223

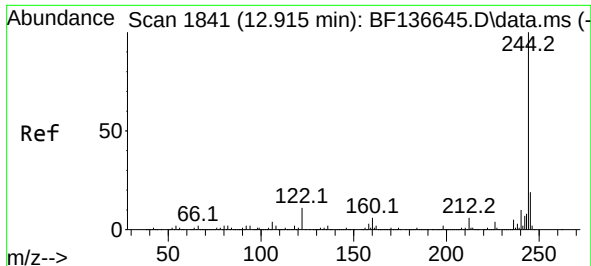
Tgt Ion:248 Resp: 5974
Ion Ratio Lower Upper
248 100
250 190.3 77.8 116.6#
141 398.4 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136734.D
Acq: 26 Dec 2023 23:07

Tgt Ion:240 Resp: 148585
Ion Ratio Lower Upper
240 100
120 8.9 10.3 15.5#
236 26.4 19.4 29.2

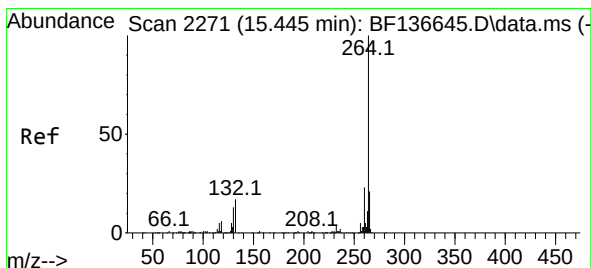
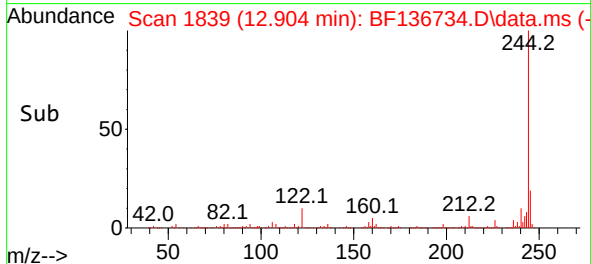
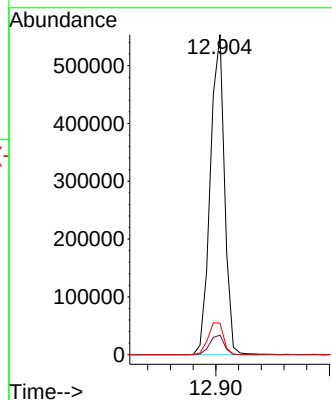
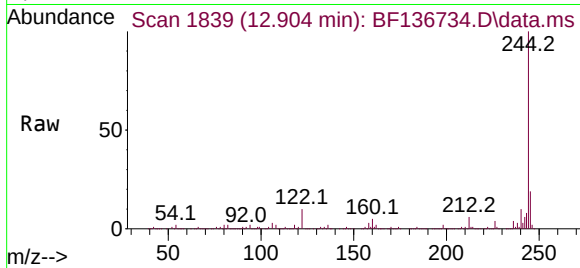




#79
 Terphenyl-d14
 Concen: 45.122 ng
 RT: 12.904 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF136734.D
 Acq: 26 Dec 2023 23:07

Instrument :
 BNA_F
 ClientSampleId :
 HR-03-112223

Tgt Ion:244 Resp: 479752
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.0 7.4
 122 9.9 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF136734.D
 Acq: 26 Dec 2023 23:07

Tgt Ion:264 Resp: 138161
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 21.1 17.0 25.6

