

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
 Data File : BF136874.D
 Acq On : 02 Jan 2024 16:38
 Operator : CG\JU
 Sample : 06038-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-401

Quant Time: Jan 03 01:36:47 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)

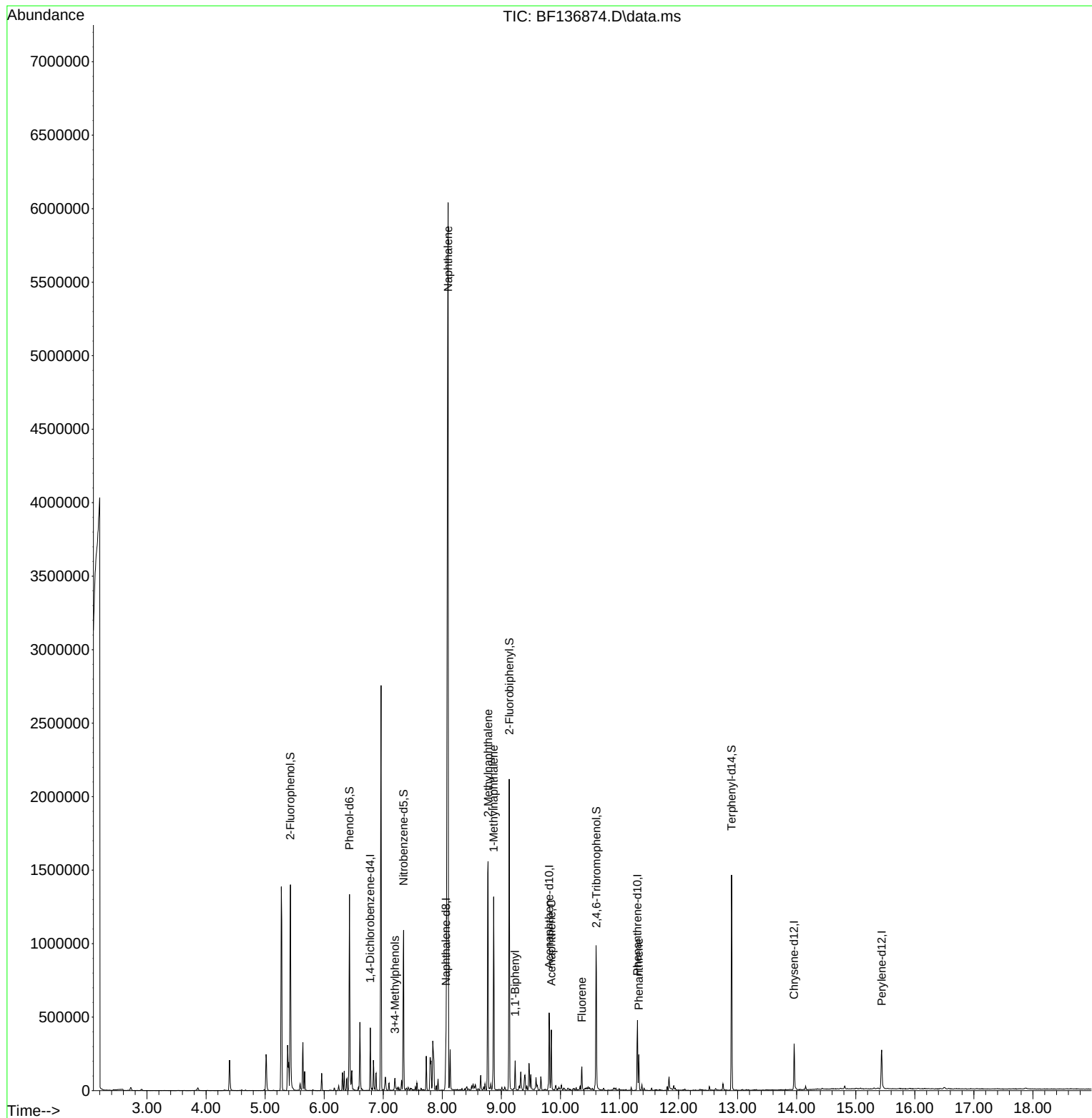
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	56443	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	203898	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	100367	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	162976	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	105748	20.000	ng	-0.01
86) Perylene-d12	15.439	264	132637	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	374061	103.404	ng	0.00
7) Phenol-d6	6.428	99	429958	91.727	ng	-0.01
23) Nitrobenzene-d5	7.345	82	301714	75.719	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	130048	110.020	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	586857	78.643	ng	-0.02
79) Terphenyl-d14	12.898	244	531229	70.202	ng	-0.02
Target Compounds						
						Qvalue
20) 3+4-Methylphenols	7.198	107	24484	5.976	ng	# 51
31) Naphthalene	8.098	128	3863433	344.900	ng	99
37) 2-Methylnaphthalene	8.775	142	441170	61.197	ng	100
38) 1-Methylnaphthalene	8.869	142	317847	44.940	ng	99
46) 1,1'-Biphenyl	9.233	154	54651	6.489	ng	97
52) Acenaphthene	9.845	154	80803	13.320	ng	96
58) Fluorene	10.363	166	43252	5.928	ng	97
71) Phenanthrene	11.327	178	83741	10.014	ng	98

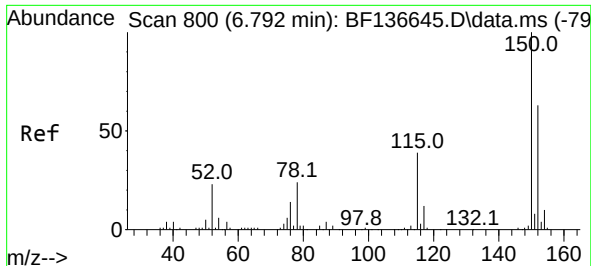
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010224\
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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

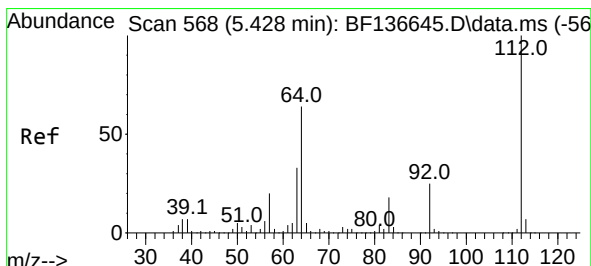
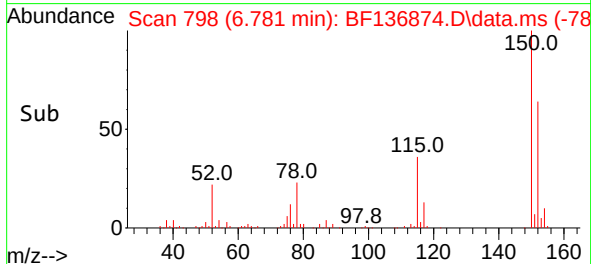
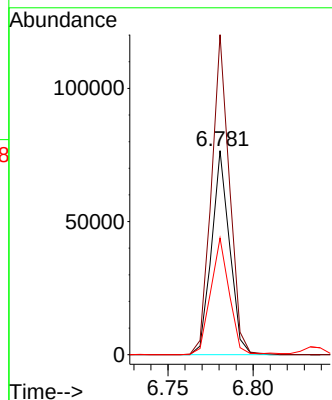
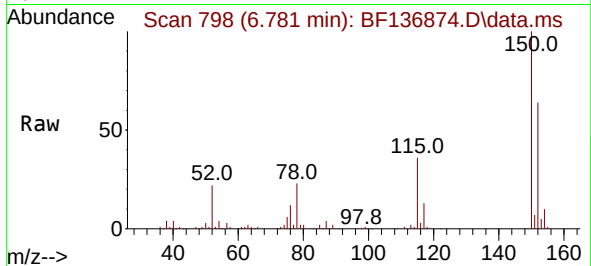




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF136874.D
 Acq: 02 Jan 2024 16:38

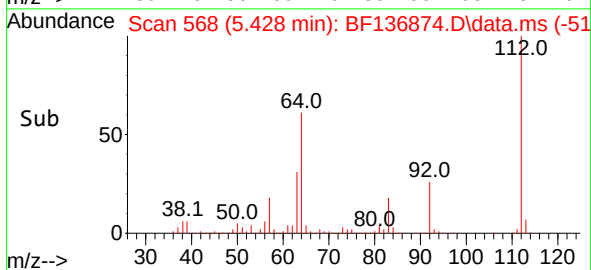
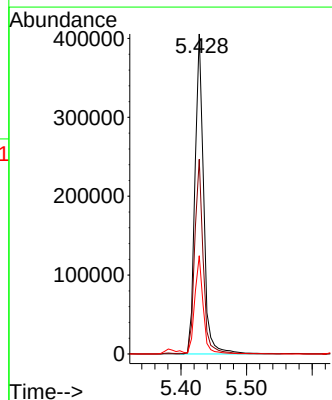
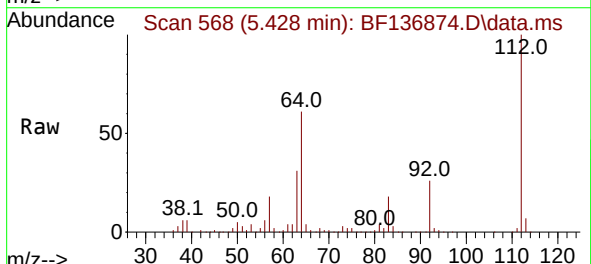
Instrument :
 BNA_F
 ClientSampleId :
 T-401

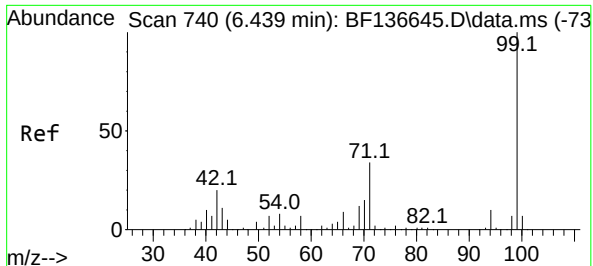
Tgt Ion:152 Resp: 56443
 Ion Ratio Lower Upper
 152 100
 150 156.9 127.0 190.6
 115 57.2 49.0 73.4



#5
 2-Fluorophenol
 Concen: 103.404 ng
 RT: 5.428 min Scan# 568
 Delta R.T. -0.000 min
 Lab File: BF136874.D
 Acq: 02 Jan 2024 16:38

Tgt Ion:112 Resp: 374061
 Ion Ratio Lower Upper
 112 100
 64 60.9 51.1 76.7
 63 30.7 26.1 39.1

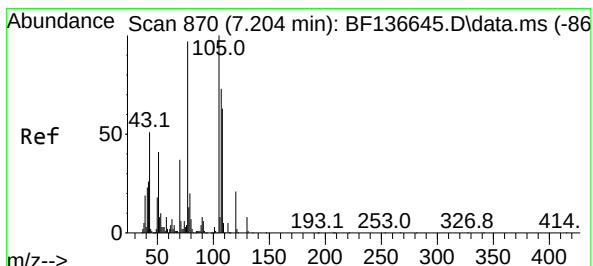
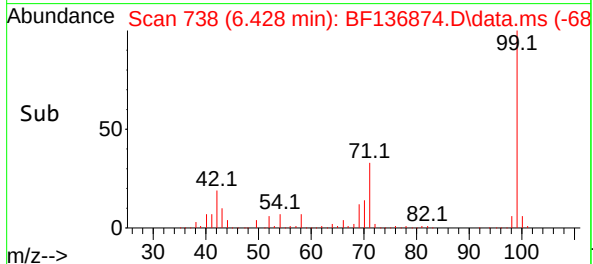
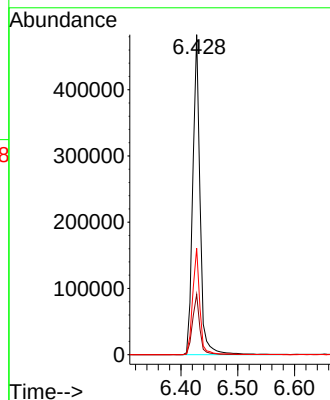
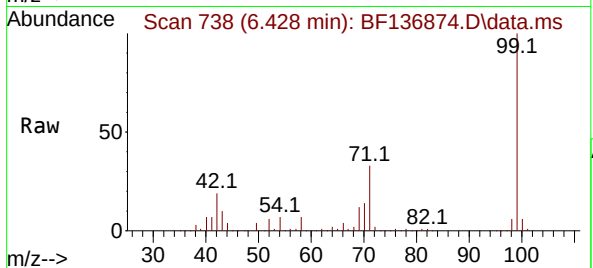




#7
Phenol-d6
Concen: 91.727 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136874.D
Acq: 02 Jan 2024 16:38

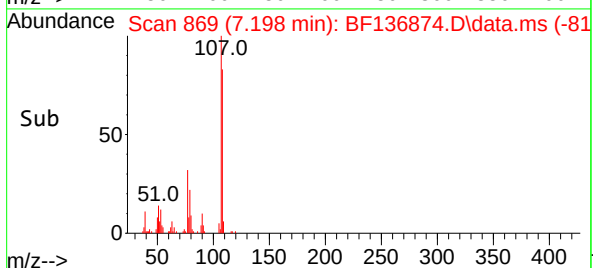
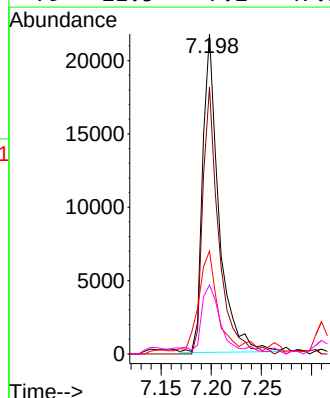
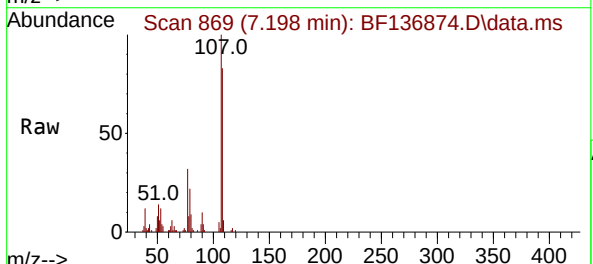
Instrument :
BNA_F
ClientSampleId :
T-401

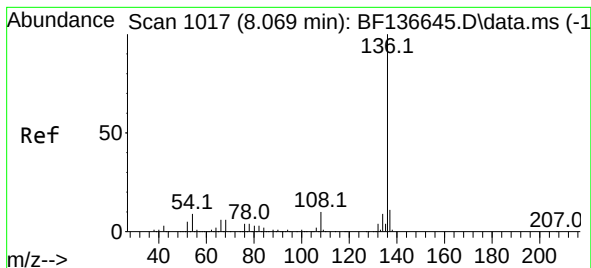
Tgt Ion: 99 Resp: 429958
Ion Ratio Lower Upper
99 100
42 18.8 16.1 24.1
71 33.2 27.4 41.2



#20
3+4-Methylphenols
Concen: 5.976 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136874.D
Acq: 02 Jan 2024 16:38

Tgt Ion: 107 Resp: 24484
Ion Ratio Lower Upper
107 100
108 83.4 66.0 106.0
77 32.2 114.2 154.2#
79 21.5 7.2 47.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF136874.D

Acq: 02 Jan 2024 16:38

Instrument :

BNA_F

ClientSampleId :

T-401

Tgt Ion:136 Resp: 203898

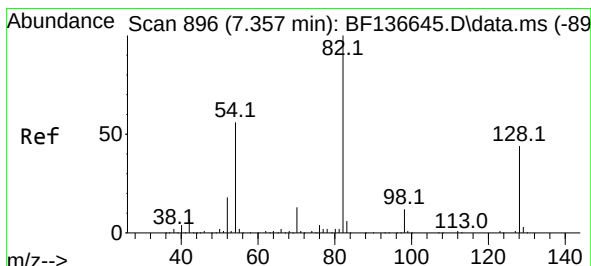
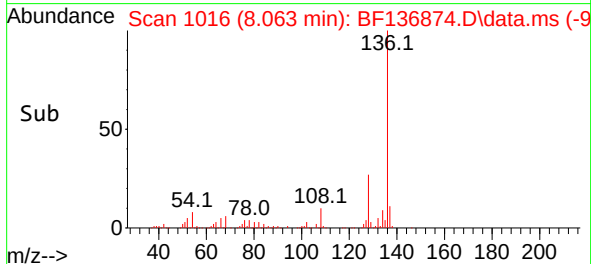
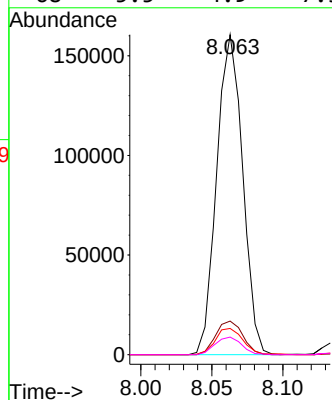
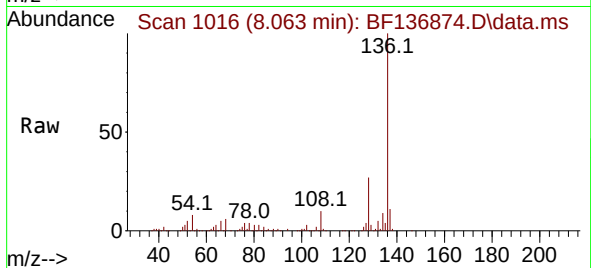
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 8.2 7.2 10.8

68 5.5 4.9 7.3



#23

Nitrobenzene-d5

Concen: 75.719 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136874.D

Acq: 02 Jan 2024 16:38

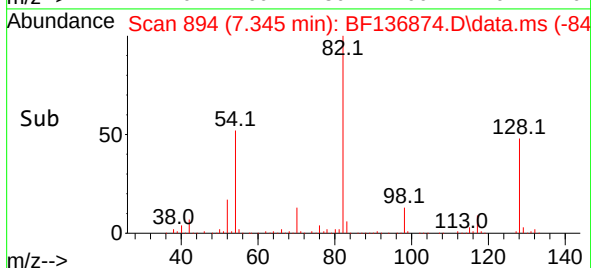
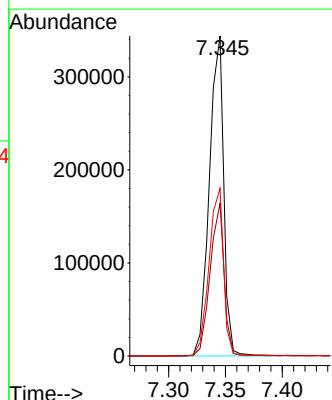
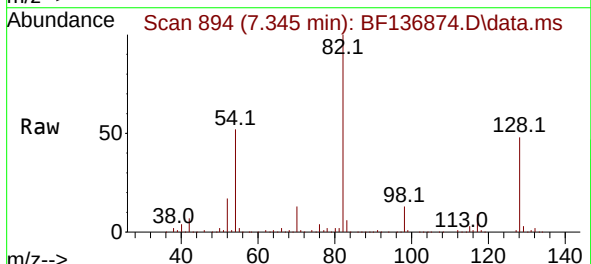
Tgt Ion: 82 Resp: 301714

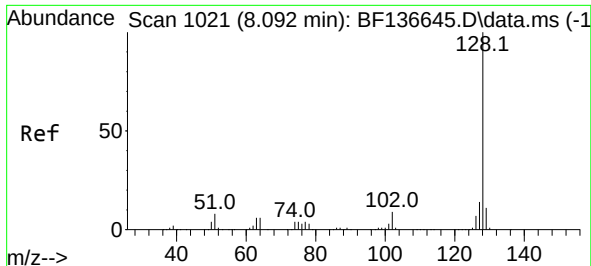
Ion Ratio Lower Upper

82 100

128 47.7 35.3 52.9

54 52.4 44.5 66.7

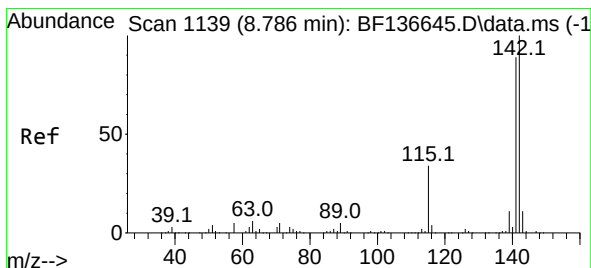
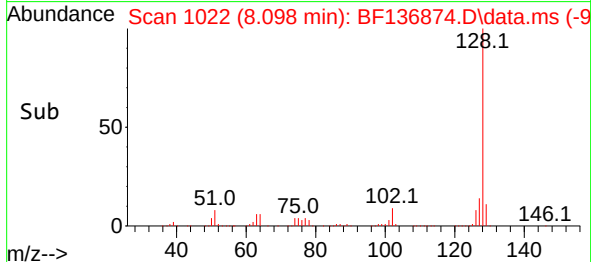
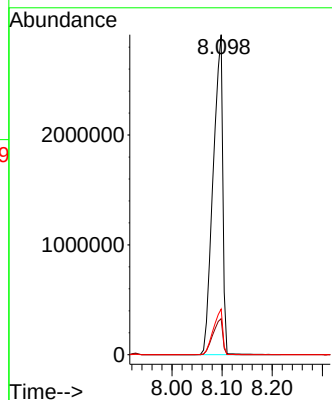
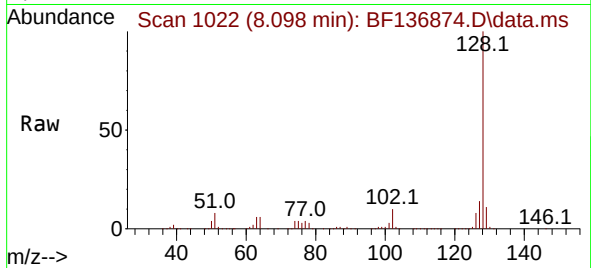




#31
Naphthalene
Concen: 344.900 ng
RT: 8.098 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF136874.D
Acq: 02 Jan 2024 16:38

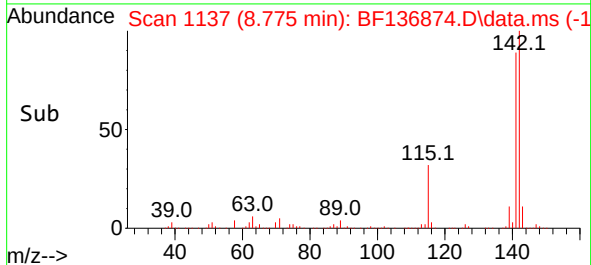
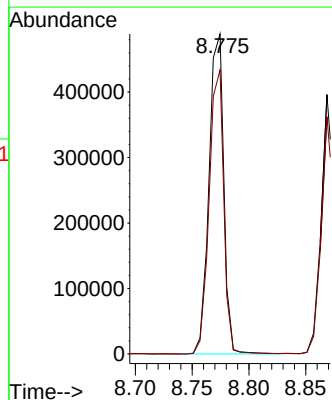
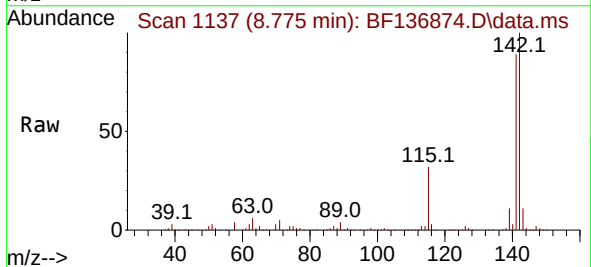
Instrument :
BNA_F
ClientSampleId :
T-401

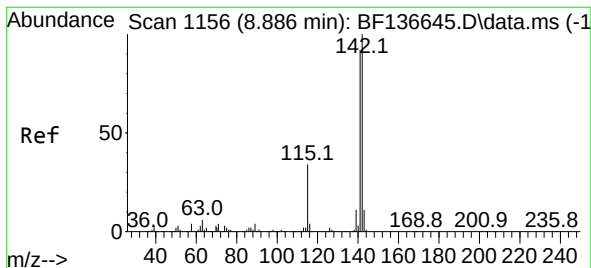
Tgt Ion:128 Resp: 3863433
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 14.2 10.8 16.2



#37
2-Methylnaphthalene
Concen: 61.197 ng
RT: 8.775 min Scan# 1137
Delta R.T. -0.012 min
Lab File: BF136874.D
Acq: 02 Jan 2024 16:38

Tgt Ion:142 Resp: 441170
Ion Ratio Lower Upper
142 100
141 88.8 71.1 106.7





#38

1-Methylnaphthalene

Concen: 44.940 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.018 min

Lab File: BF136874.D

Acq: 02 Jan 2024 16:38

Instrument :

BNA_F

ClientSampleId :

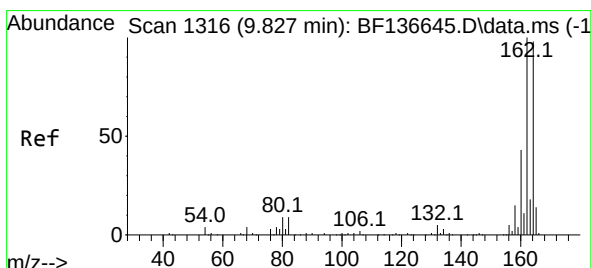
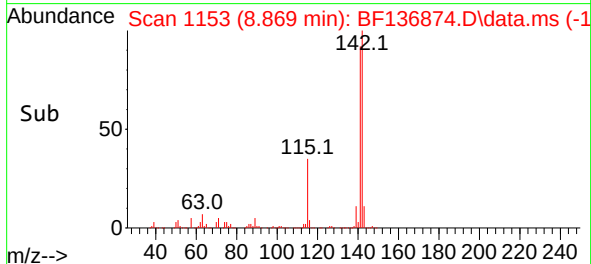
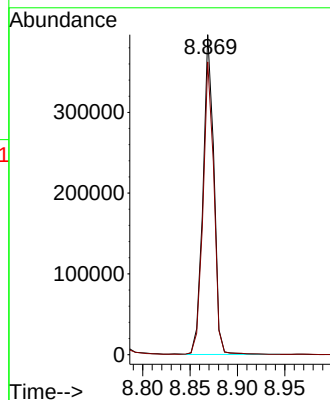
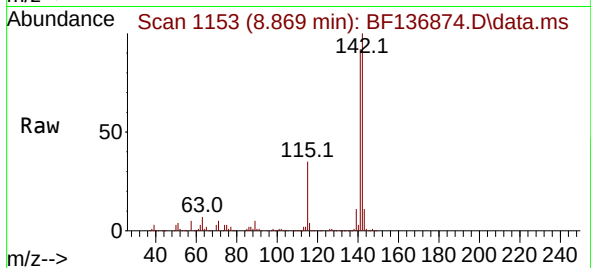
T-401

Tgt Ion:142 Resp: 317847

Ion Ratio Lower Upper

142 100

141 91.5 73.6 110.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BF136874.D

Acq: 02 Jan 2024 16:38

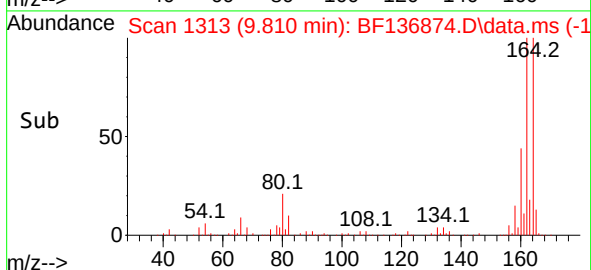
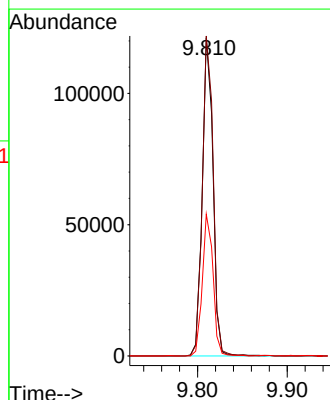
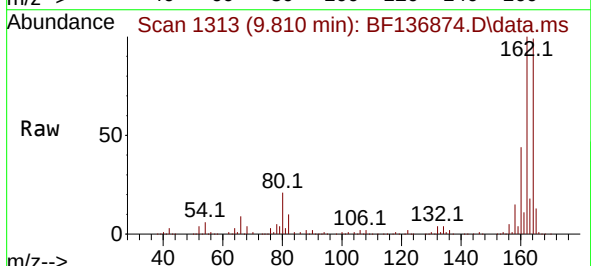
Tgt Ion:164 Resp: 100367

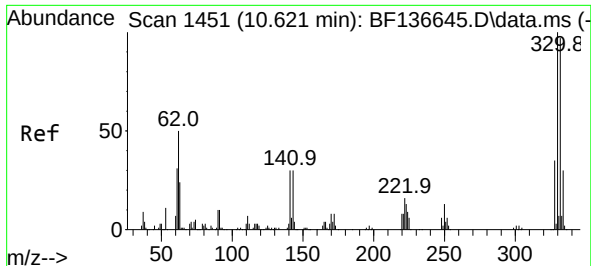
Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

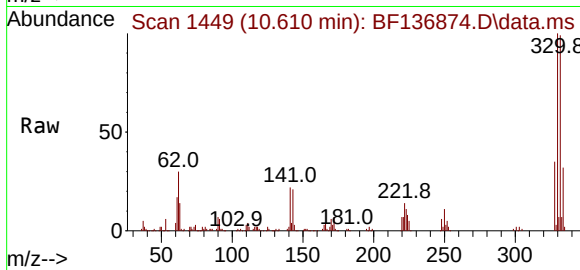
160 44.6 34.9 52.3



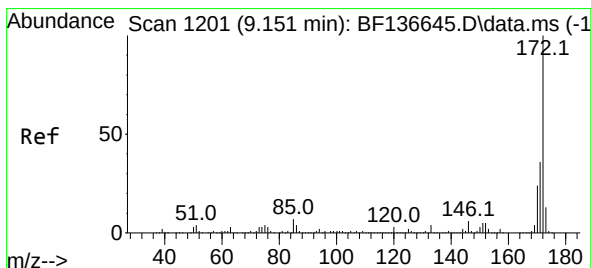
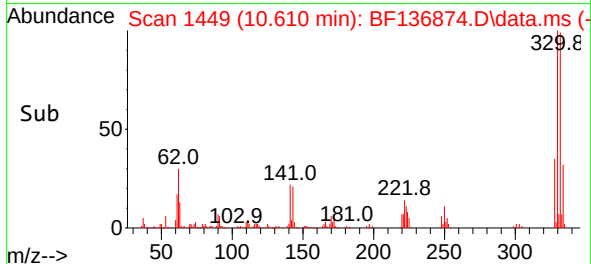
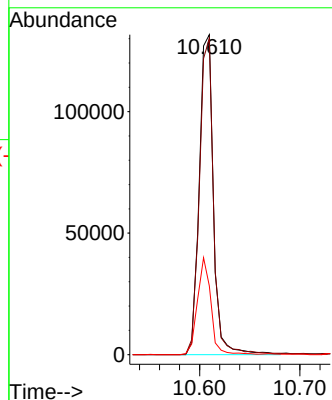


#42
2,4,6-Tribromophenol
Concen: 110.020 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136874.D
Acq: 02 Jan 2024 16:38

Instrument :
BNA_F
ClientSampleId :
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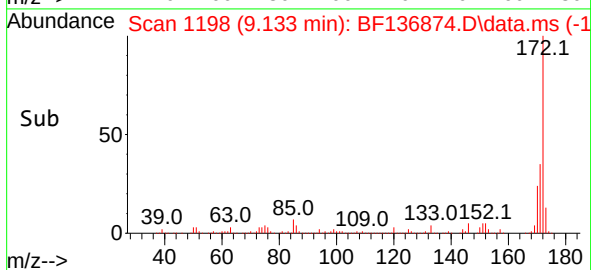
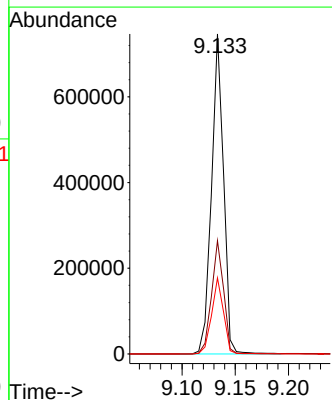
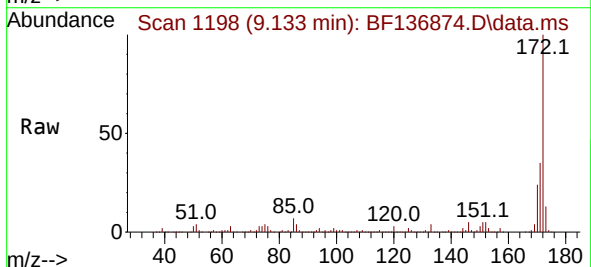


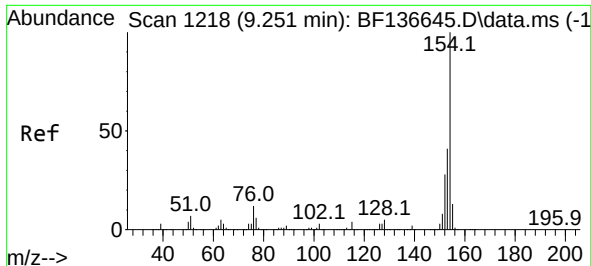
Tgt Ion:330 Resp: 130048
Ion Ratio Lower Upper
330 100
332 98.8 77.4 116.0
141 28.7 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 78.643 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.018 min
Lab File: BF136874.D
Acq: 02 Jan 2024 16:38

Tgt Ion:172 Resp: 586857
Ion Ratio Lower Upper
172 100
171 35.4 29.0 43.6
170 23.8 19.0 28.4

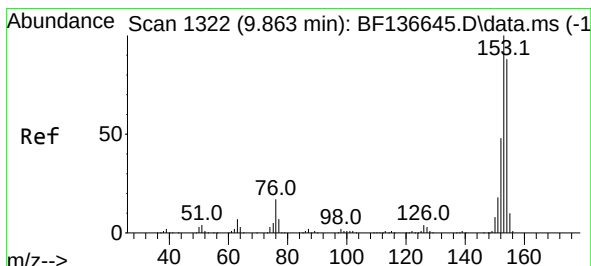
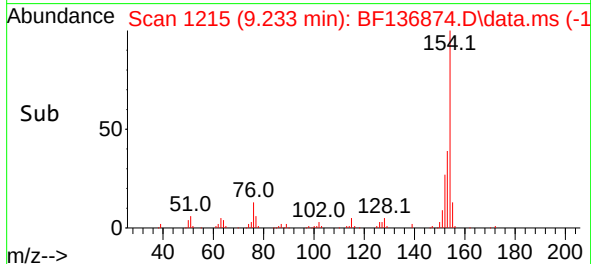
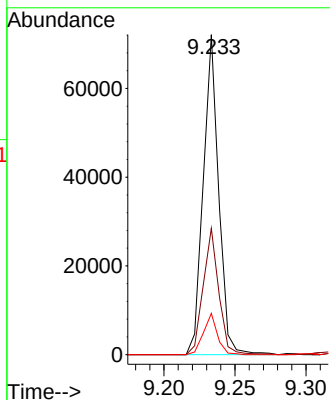
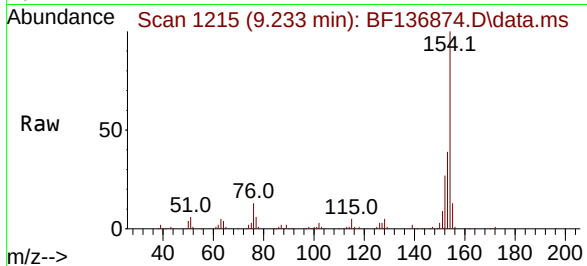




#46
1,1'-Biphenyl
Concen: 6.489 ng
RT: 9.233 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136874.D
Acq: 02 Jan 2024 16:38

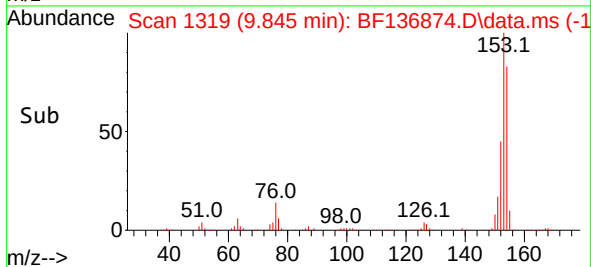
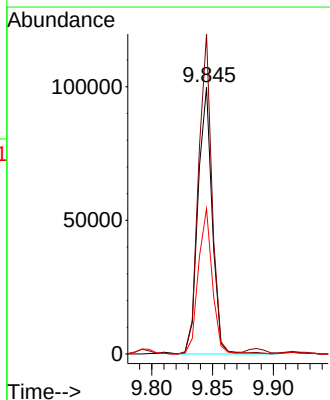
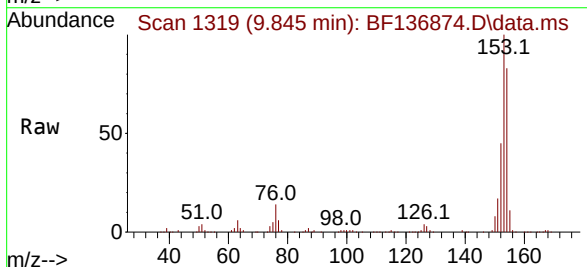
Instrument :
BNA_F
ClientSampleId :
T-401

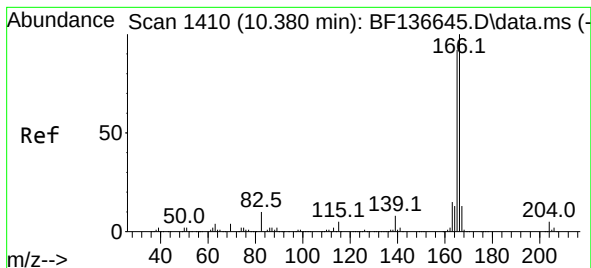
Tgt Ion:154 Resp: 54651
Ion Ratio Lower Upper
154 100
153 39.5 21.1 61.1
76 12.9 0.0 31.7



#52
Acenaphthene
Concen: 13.320 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF136874.D
Acq: 02 Jan 2024 16:38

Tgt Ion:154 Resp: 80803
Ion Ratio Lower Upper
154 100
153 119.9 90.7 136.1
152 54.4 43.7 65.5





#58

Fluorene

Concen: 5.928 ng

RT: 10.363 min Scan# 1410

Delta R.T. -0.018 min

Lab File: BF136874.D

Acq: 02 Jan 2024 16:38

Instrument :

BNA_F

ClientSampleId :

T-401

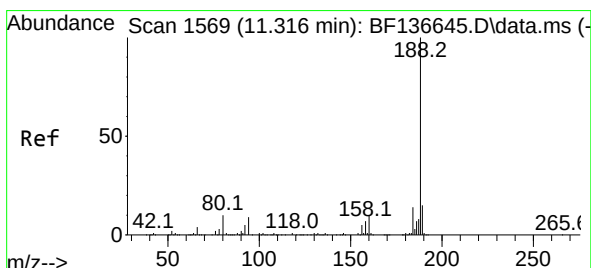
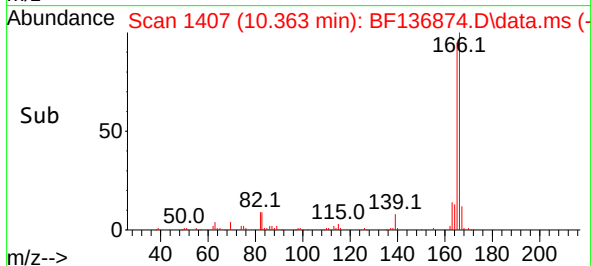
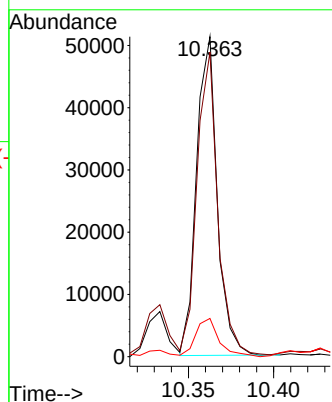
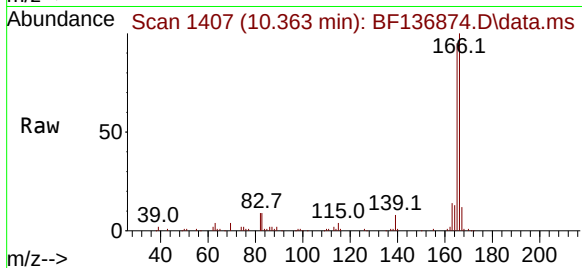
Tgt Ion:166 Resp: 43252

Ion Ratio Lower Upper

166 100

165 95.2 73.7 110.5

167 12.0 10.4 15.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1567

Delta R.T. -0.012 min

Lab File: BF136874.D

Acq: 02 Jan 2024 16:38

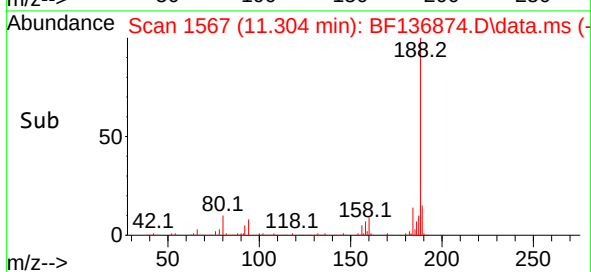
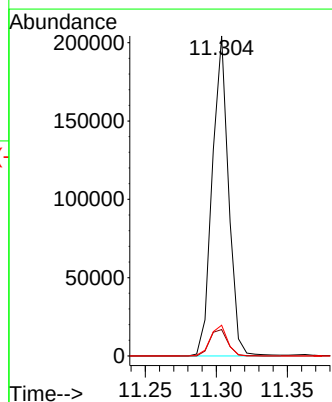
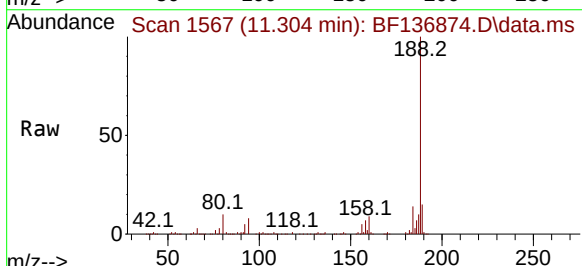
Tgt Ion:188 Resp: 162976

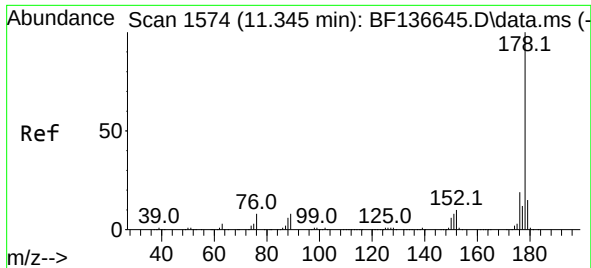
Ion Ratio Lower Upper

188 100

94 8.2 7.5 11.3

80 9.6 8.1 12.1

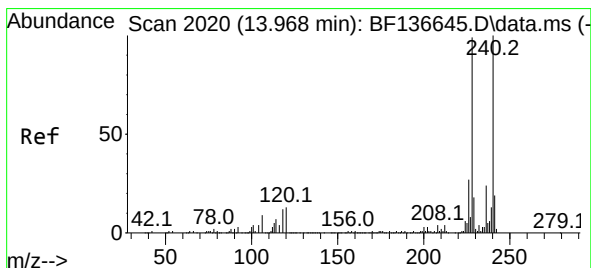
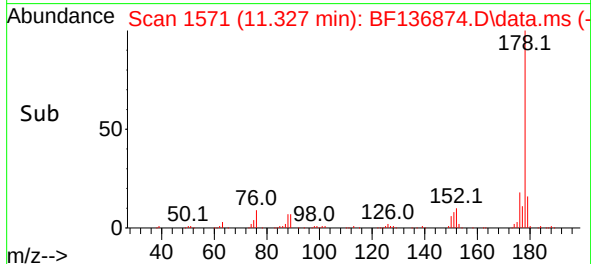
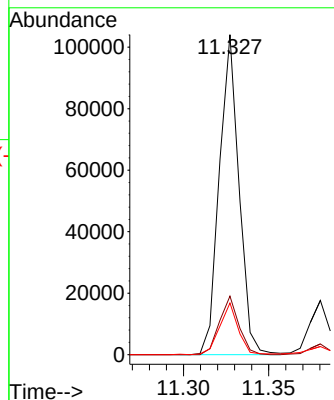
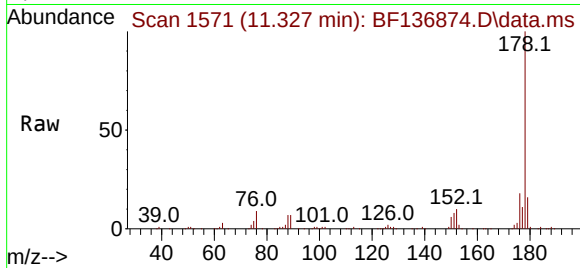




#71
Phenanthrene
Concen: 10.014 ng
RT: 11.327 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF136874.D
Acq: 02 Jan 2024 16:38

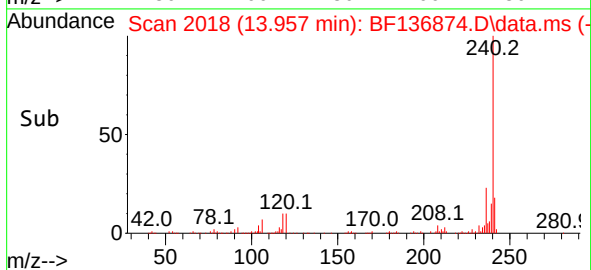
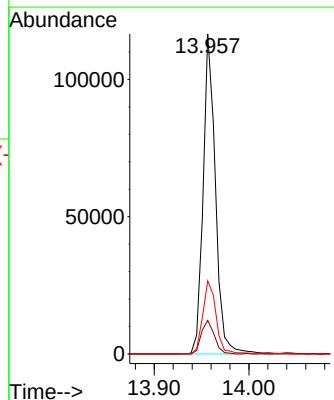
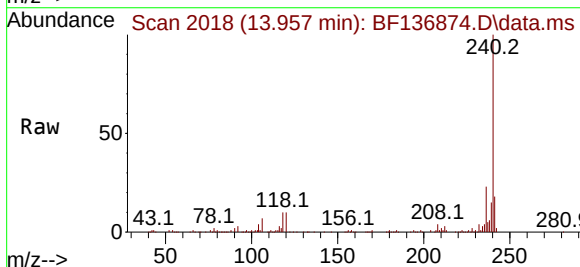
Instrument :
BNA_F
ClientSampleId :
T-401

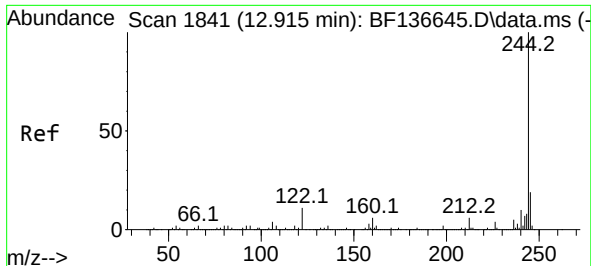
Tgt Ion:178 Resp: 83741
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 16.2 11.9 17.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136874.D
Acq: 02 Jan 2024 16:38

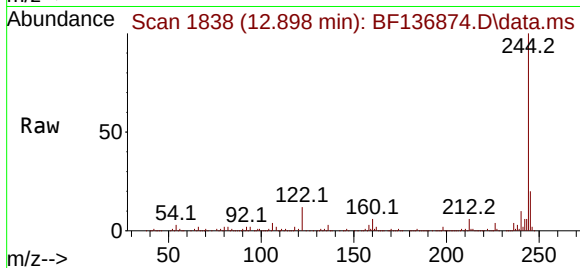
Tgt Ion:240 Resp: 105748
Ion Ratio Lower Upper
240 100
120 10.5 10.3 15.5
236 22.9 19.4 29.2



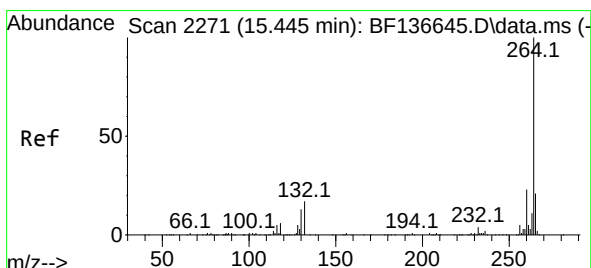
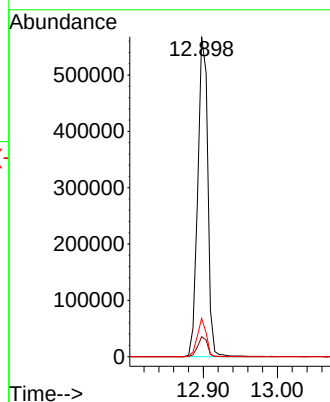
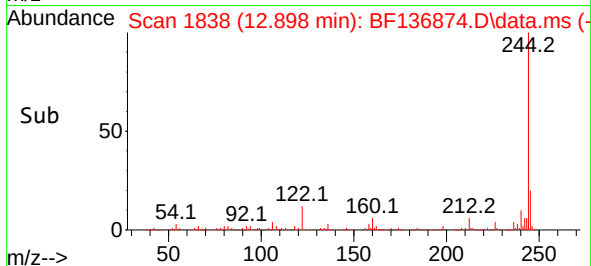


#79
 Terphenyl-d14
 Concen: 70.202 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. -0.018 min
 Lab File: BF136874.D
 Acq: 02 Jan 2024 16:38

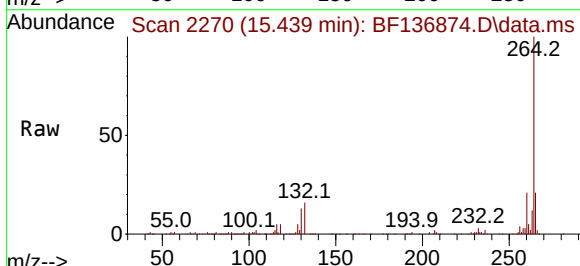
Instrument :
 BNA_F
 ClientSampleId :
 T-401



Tgt Ion:244 Resp: 531229
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 12.0 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: BF136874.D
 Acq: 02 Jan 2024 16:38



Tgt Ion:264 Resp: 132637
 Ion Ratio Lower Upper
 264 100
 260 21.5 18.3 27.5
 265 20.7 17.0 25.6

