

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122723\
 Data File : BF136774.D
 Acq On : 27 Dec 2023 23:33
 Operator : CG\JU
 Sample : 06018-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1

Quant Time: Dec 27 23:57:45 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)

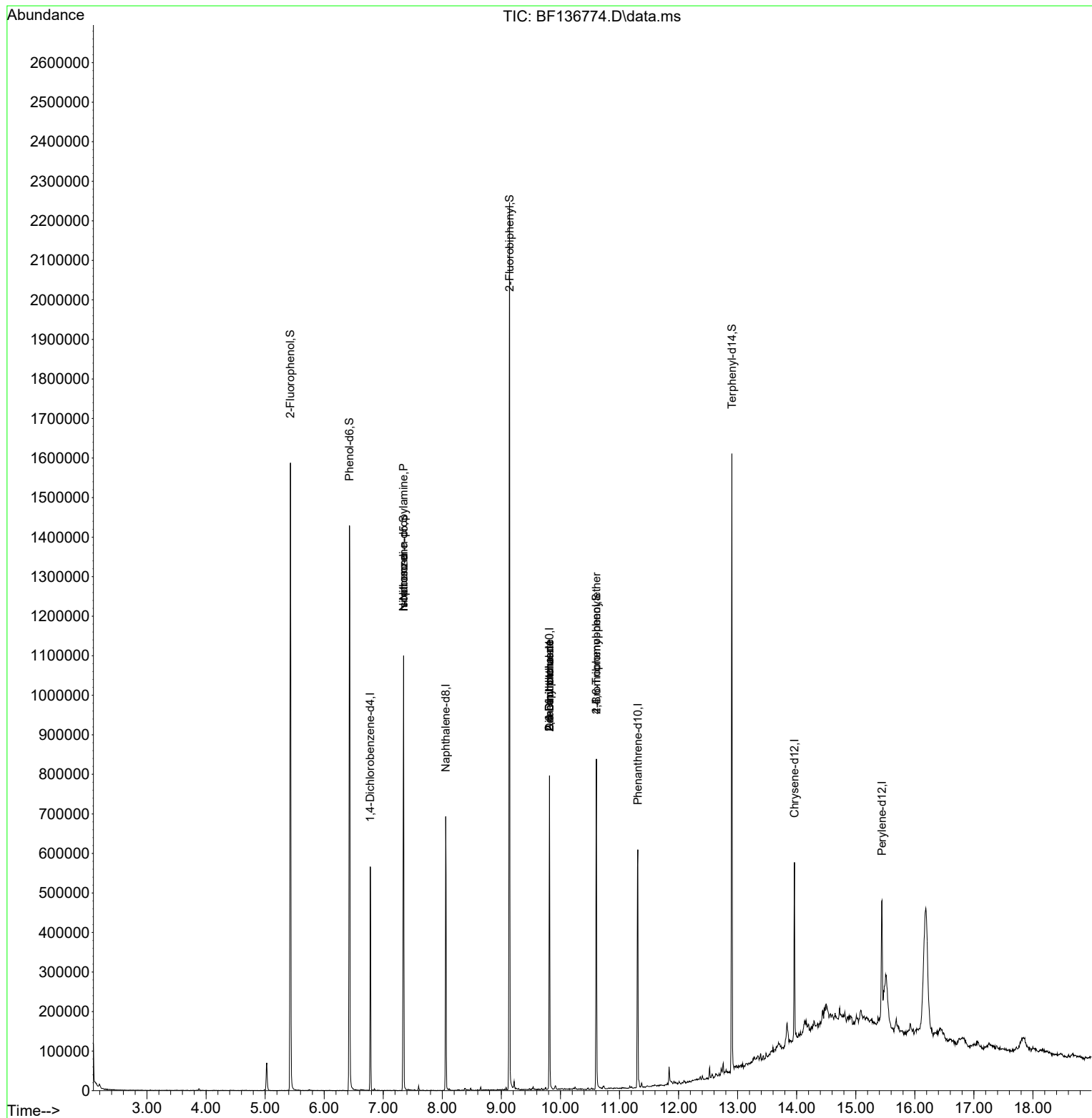
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	76305	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	298684	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	146160	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	233900	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	144449	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	147850	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	413505	84.554	ng	0.00
7) Phenol-d6	6.428	99	525006	82.850	ng	-0.01
23) Nitrobenzene-d5	7.345	82	326098	55.868	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	101039	58.697	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	676935	62.293	ng	-0.01
79) Terphenyl-d14	12.904	244	524851	50.777	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	42376	11.032	ng	# 73
25) Isophorone	7.345	82	326094	30.703	ng	# 65
50) Dimethylphthalate	9.816	163	29034	2.720	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	18876	7.791	ng	# 30
57) 2,4-Dinitrotoluene	9.816	165	18876	6.001	ng	# 21
67) 4-Bromophenyl-phenylether	10.610	248	5985	2.304	ng	# 1

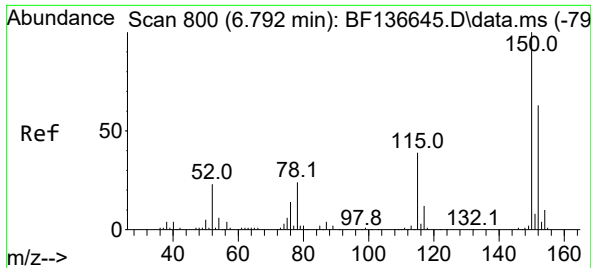
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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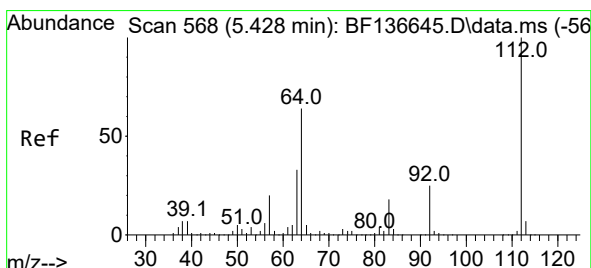
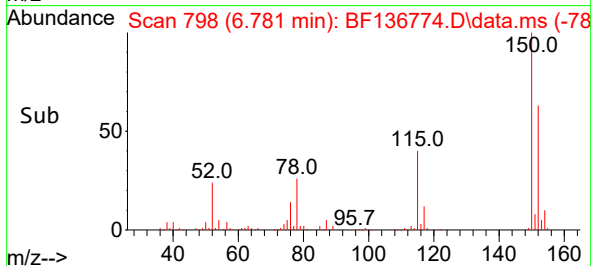
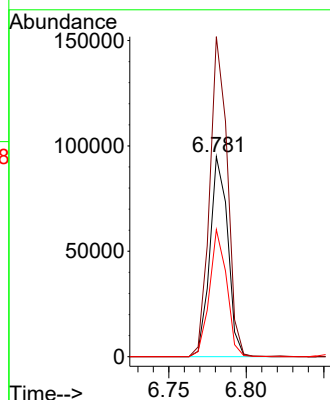
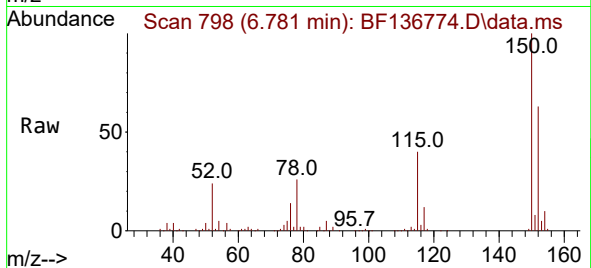




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

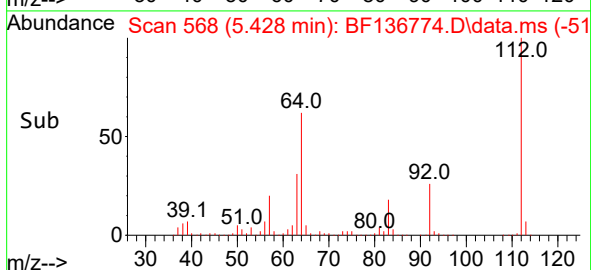
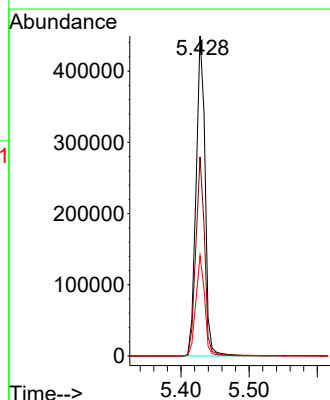
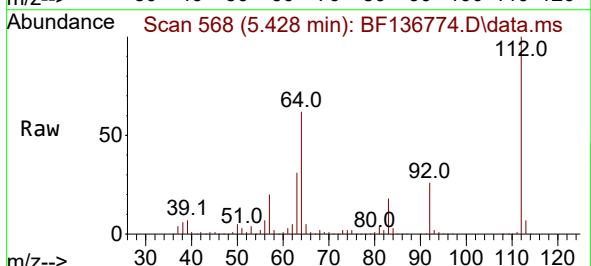
Instrument :
BNA_F
ClientSampleId :
COMP-1

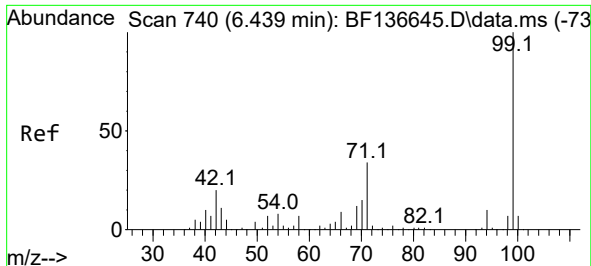
Tgt Ion:152 Resp: 76305
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.6
115 63.5 49.0 73.4



#5
2-Fluorophenol
Concen: 84.554 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

Tgt Ion:112 Resp: 413505
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 31.4 26.1 39.1

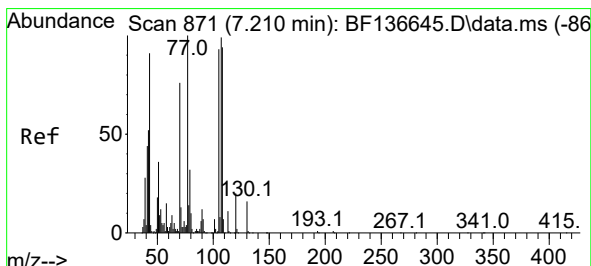
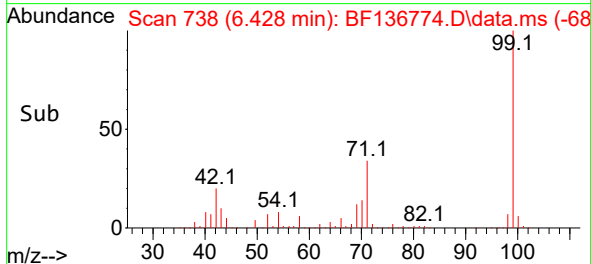
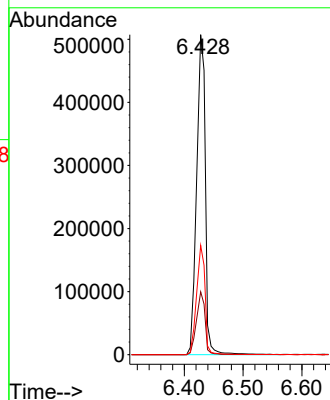
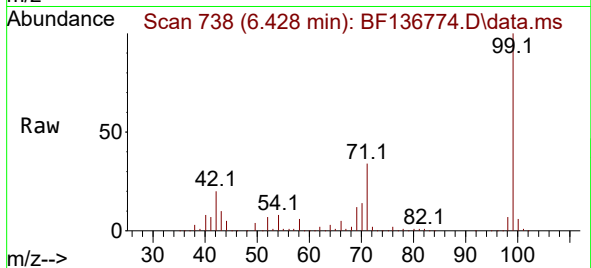




#7
Phenol-d6
Concen: 82.850 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

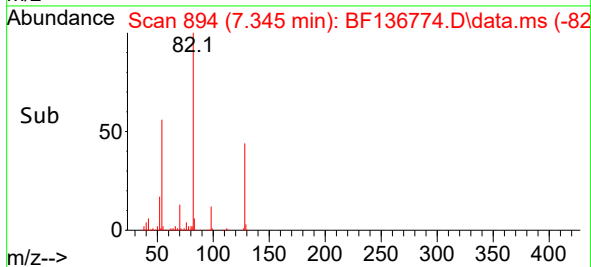
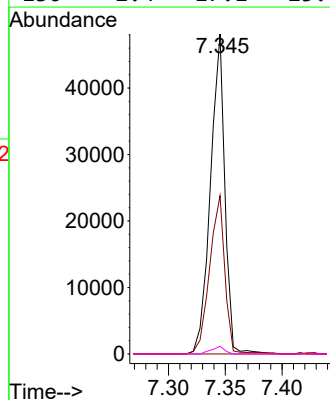
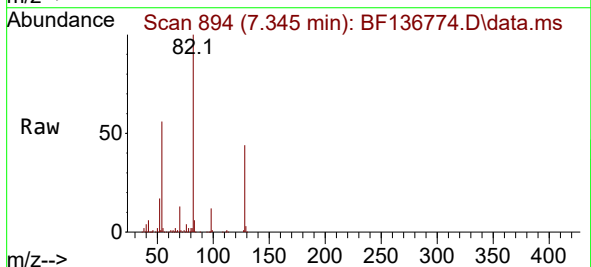
Instrument :
BNA_F
ClientSampleId :
COMP-1

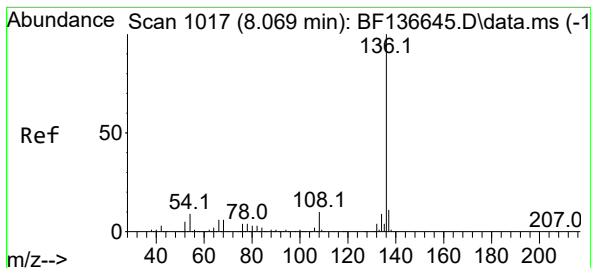
Tgt Ion: 99 Resp: 525006
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 34.1 27.4 41.2



#19
n-Nitroso-di-n-propylamine
Concen: 11.032 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.135 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

Tgt Ion: 70 Resp: 42376
Ion Ratio Lower Upper
70 100
42 49.5 54.2 81.4#
101 0.0 7.6 11.4#
130 2.4 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: BF136774.D

Acq: 27 Dec 2023 23:33

Instrument :

BNA_F

ClientSampleId :

COMP-1

Tgt Ion:136 Resp: 298684

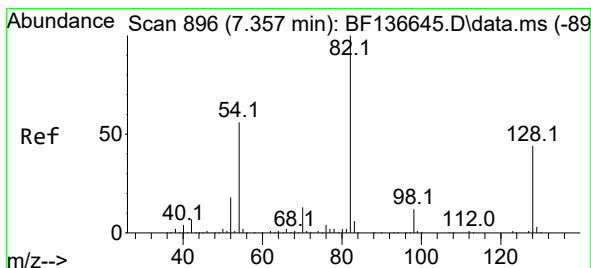
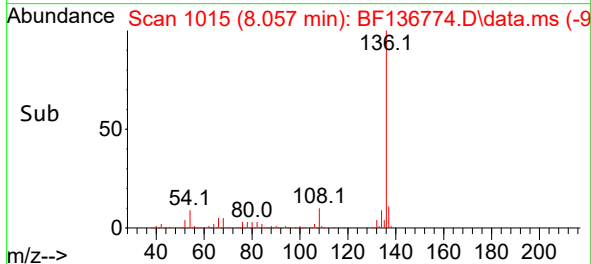
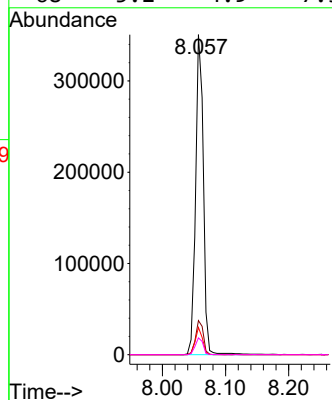
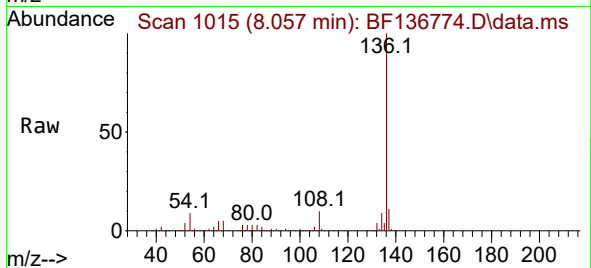
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 8.5 7.2 10.8

68 5.2 4.9 7.3



#23

Nitrobenzene-d5

Concen: 55.868 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136774.D

Acq: 27 Dec 2023 23:33

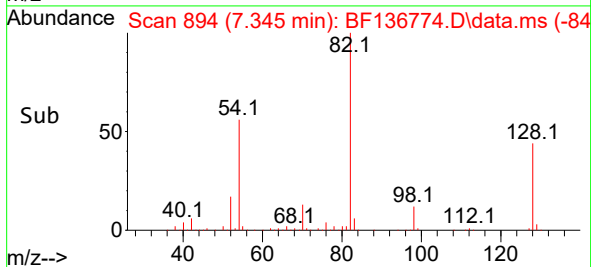
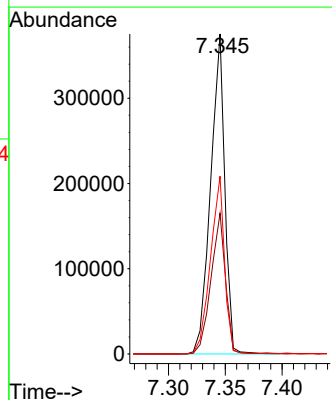
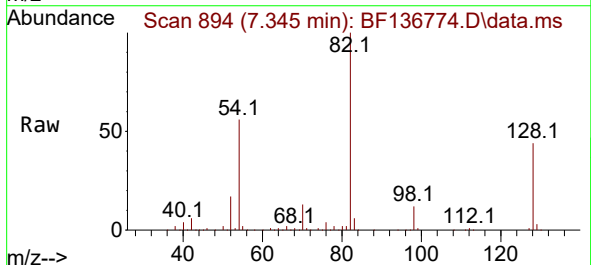
Tgt Ion: 82 Resp: 326098

Ion Ratio Lower Upper

82 100

128 44.0 35.3 52.9

54 55.5 44.5 66.7

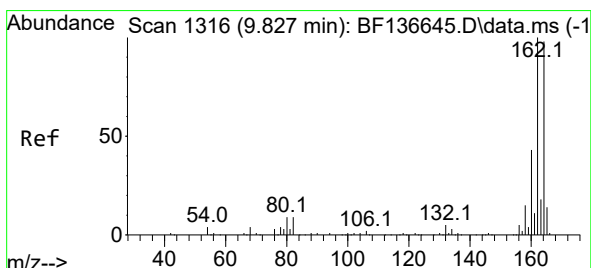
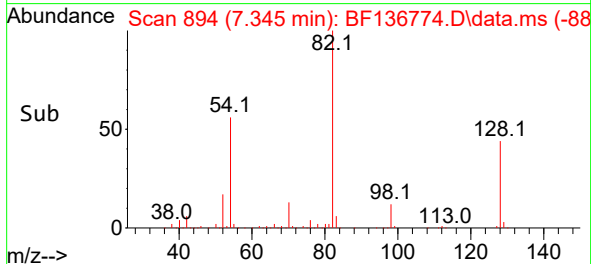
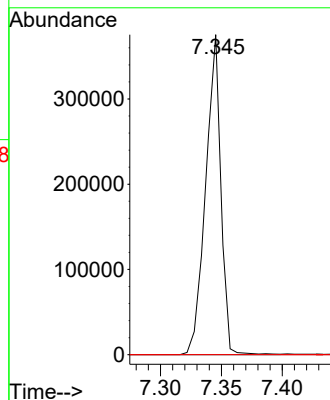
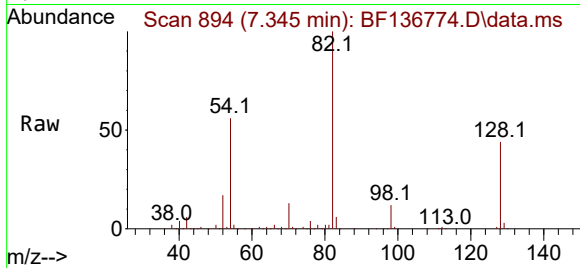




#25
Isophorone
Concen: 30.703 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.270 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

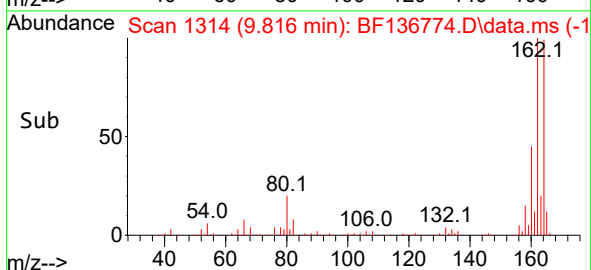
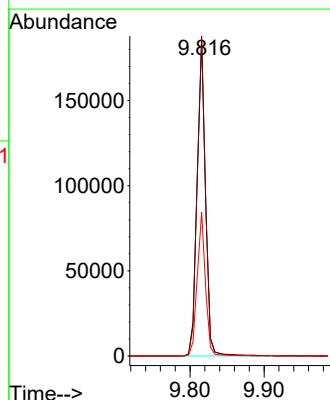
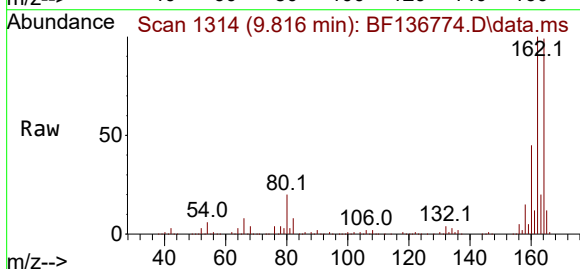
Instrument :
BNA_F
ClientSampleId :
COMP-1

Tgt Ion: 82 Resp: 326094
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: BF136774.D
Acq: 27 Dec 2023 23:33

Tgt Ion: 164 Resp: 146160
Ion Ratio Lower Upper
164 100
162 101.2 81.6 122.4
160 45.5 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 58.697 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136774.D

Acq: 27 Dec 2023 23:33

Instrument :

BNA_F

ClientSampleId :

COMP-1

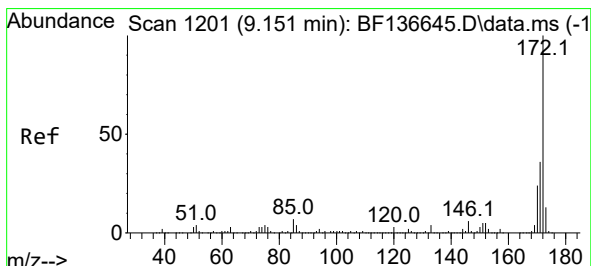
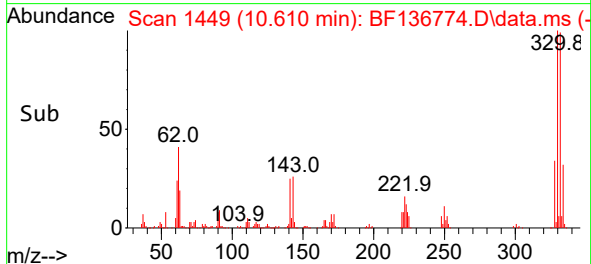
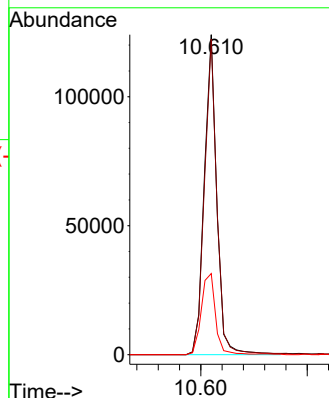
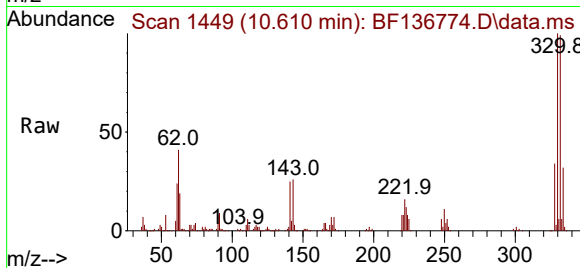
Tgt Ion:330 Resp: 101039

Ion Ratio Lower Upper

330 100

332 98.8 77.4 116.0

141 28.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 62.293 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136774.D

Acq: 27 Dec 2023 23:33

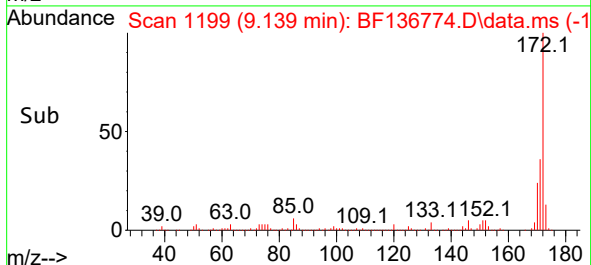
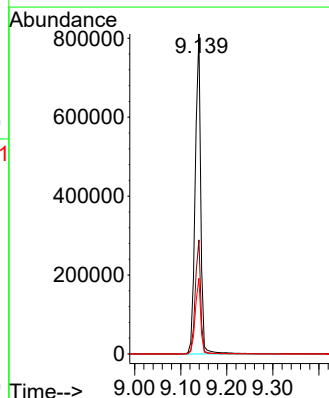
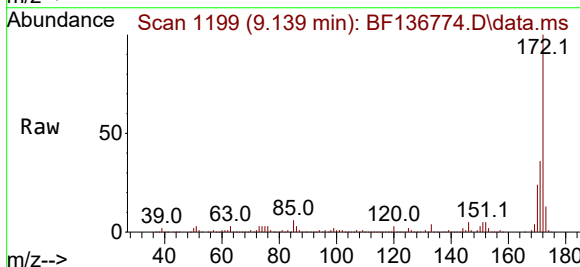
Tgt Ion:172 Resp: 676935

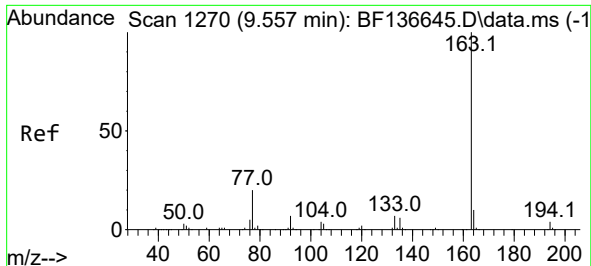
Ion Ratio Lower Upper

172 100

171 35.7 29.0 43.6

170 23.7 19.0 28.4

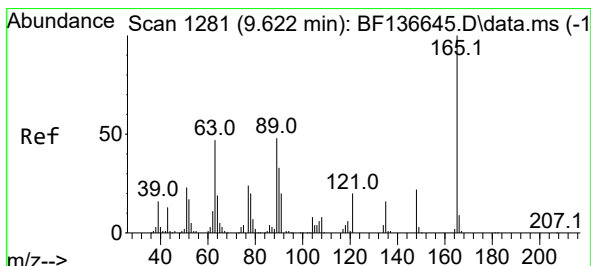
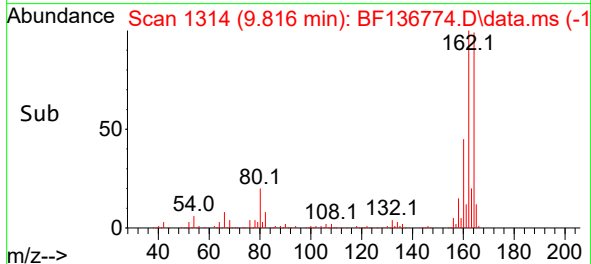
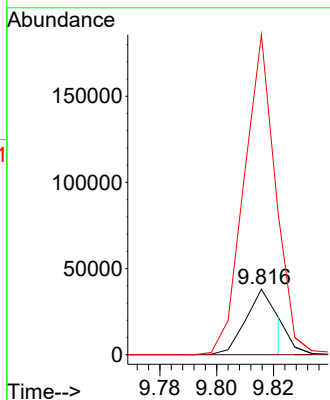
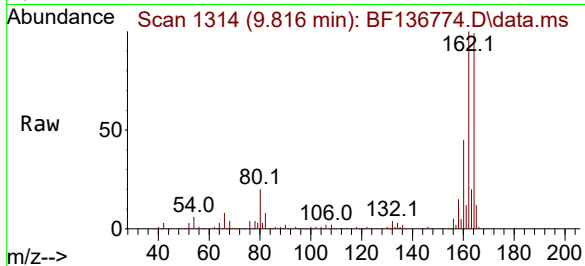




#50
Dimethylphthalate
Concen: 2.720 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.259 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

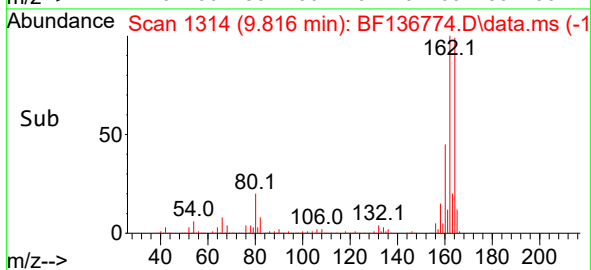
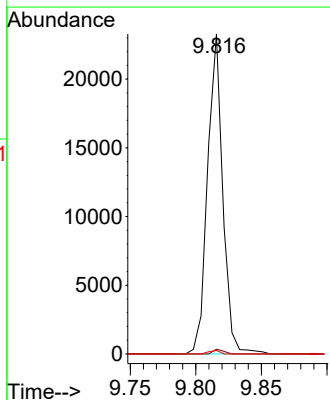
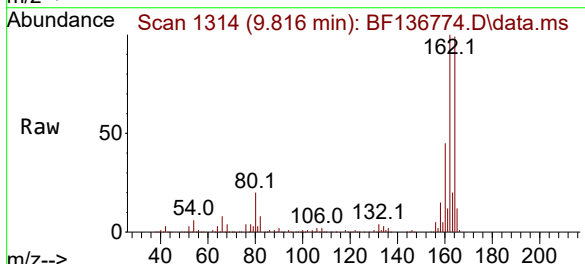
Instrument :
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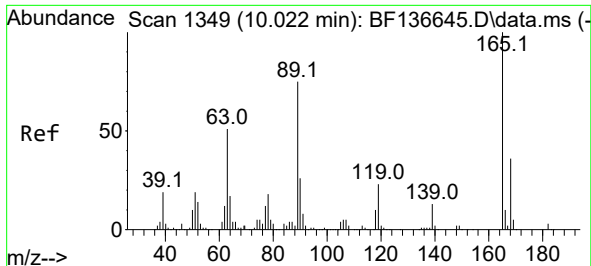
Tgt Ion:163 Resp: 29034
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 489.5 7.8 11.6#



#51
2,6-Dinitrotoluene
Concen: 7.791 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.194 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

Tgt Ion:165 Resp: 18876
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.1 38.8 58.2#

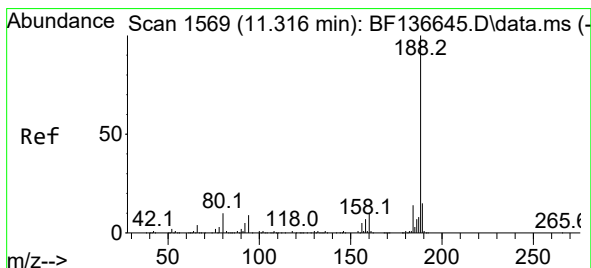
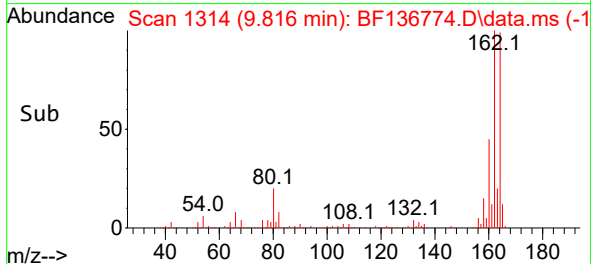
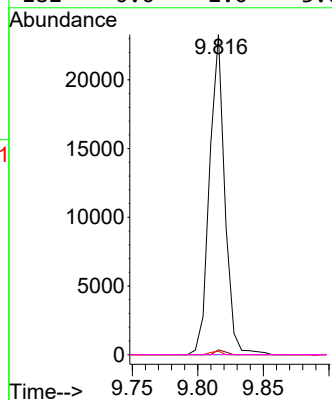
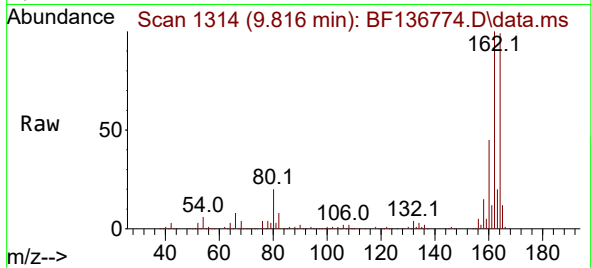




#57
2,4-Dinitrotoluene
Concen: 6.001 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

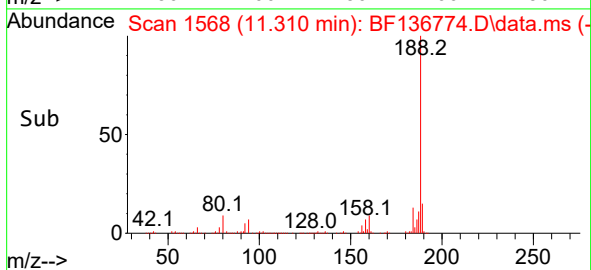
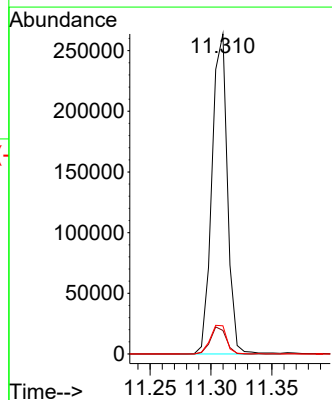
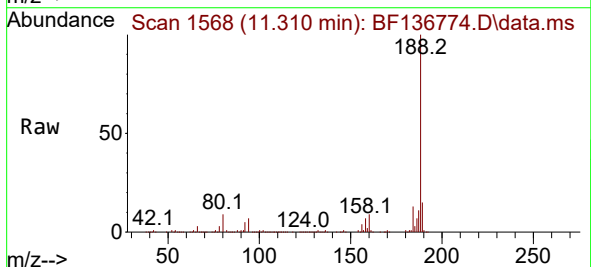
Instrument :
BNA_F
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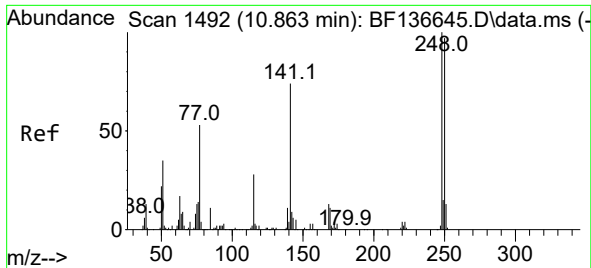
Tgt Ion:165 Resp: 18876
Ion Ratio Lower Upper
165 100
63 1.5 41.0 61.6#
89 1.1 59.9 89.9#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

Tgt Ion:188 Resp: 233900
Ion Ratio Lower Upper
188 100
94 7.4 7.5 11.3#
80 8.8 8.1 12.1

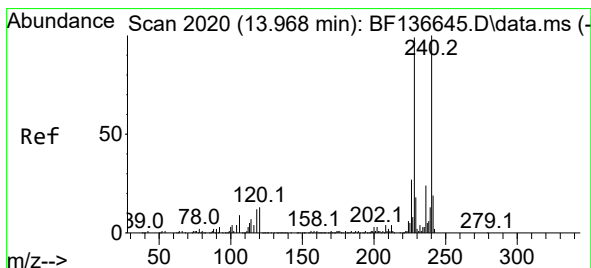
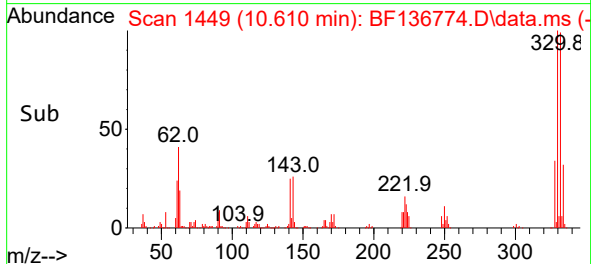
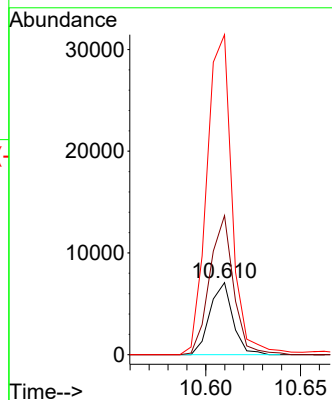
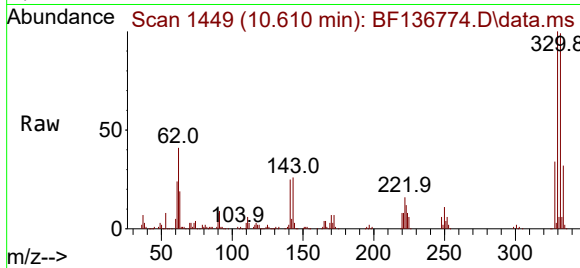




#67
4-Bromophenyl-phenylether
Concen: 2.304 ng
RT: 10.610 min Scan# 1492
Delta R.T. -0.253 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

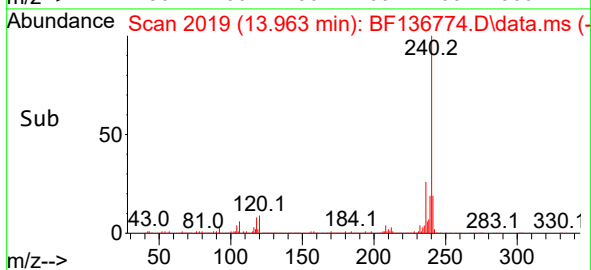
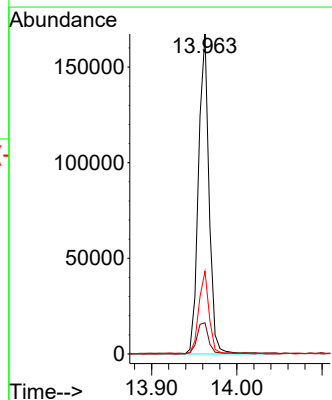
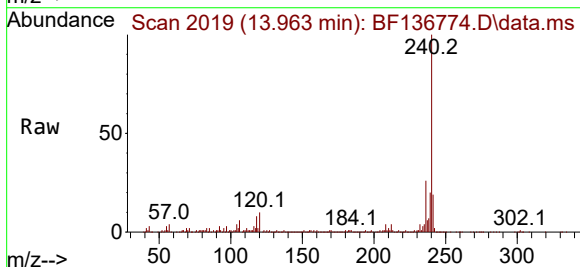
Instrument :
BNA_F
ClientSampleId :
COMP-1

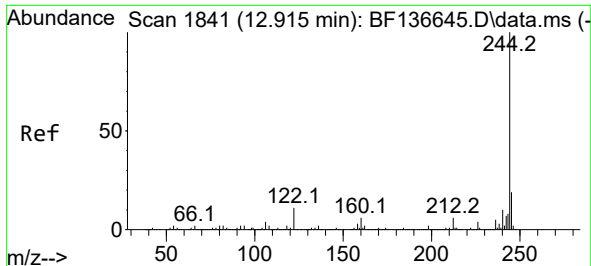
Tgt Ion:248 Resp: 5985
Ion Ratio Lower Upper
248 100
250 193.3 77.8 116.6#
141 444.9 59.2 88.8#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

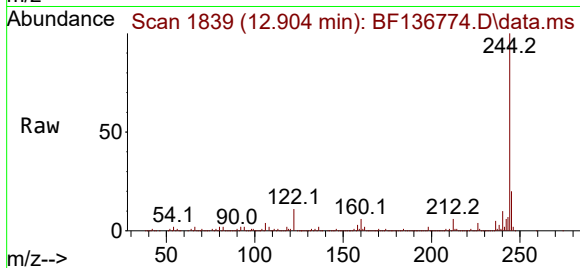
Tgt Ion:240 Resp: 144449
Ion Ratio Lower Upper
240 100
120 9.8 10.3 15.5#
236 25.9 19.4 29.2



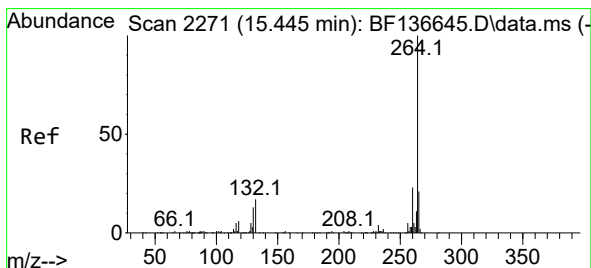
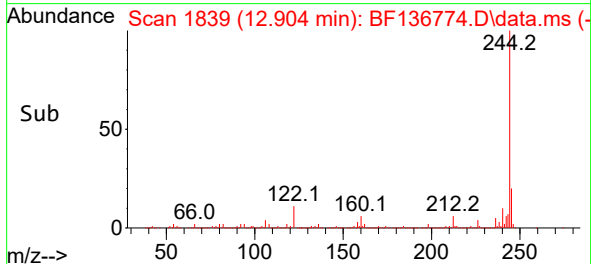
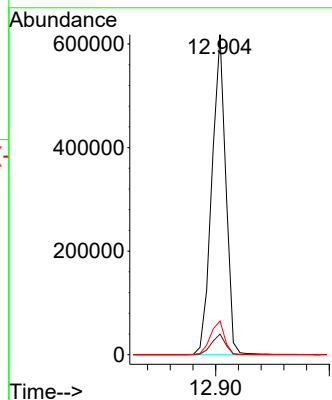


#79
Terphenyl-d14
Concen: 50.777 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

Instrument :
BNA_F
ClientSampleId :
COMP-1



Tgt Ion:244 Resp: 524851
Ion Ratio Lower Upper
244 100
212 6.5 5.0 7.4
122 10.5 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.445 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

Tgt Ion:264 Resp: 147850
Ion Ratio Lower Upper
264 100
260 21.7 18.3 27.5
265 21.6 17.0 25.6

