

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

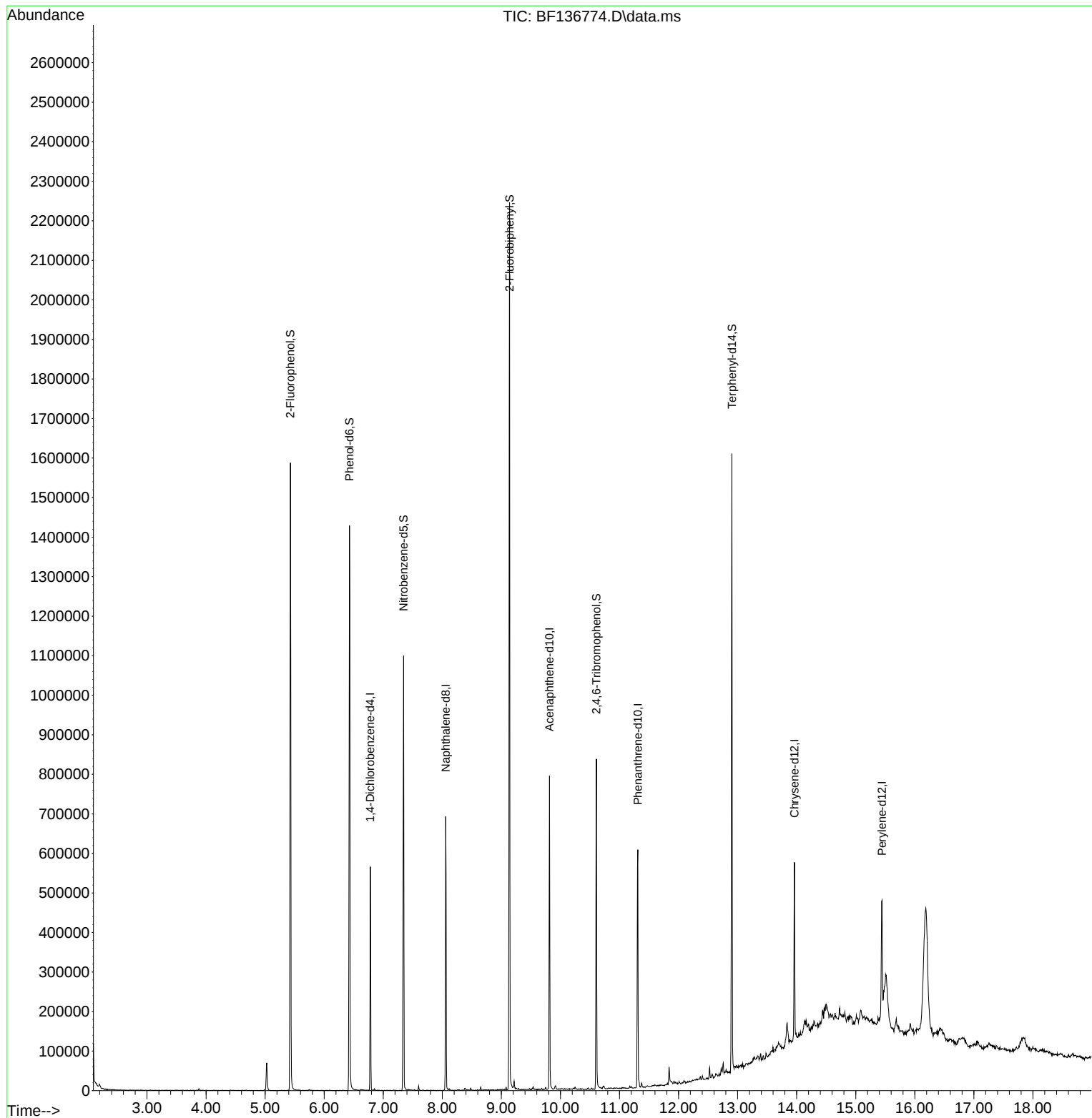
Target Compounds	Qvalue

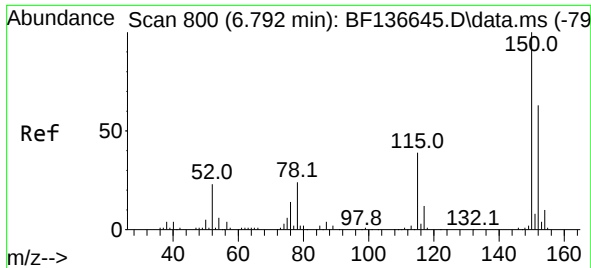
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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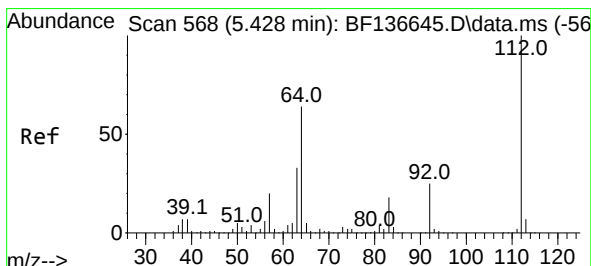
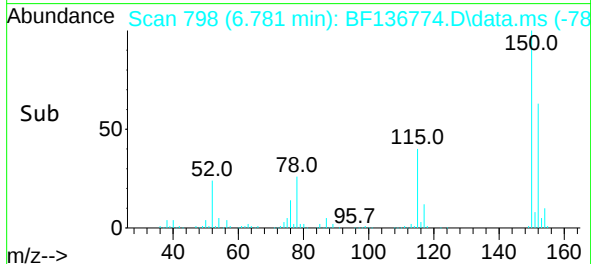
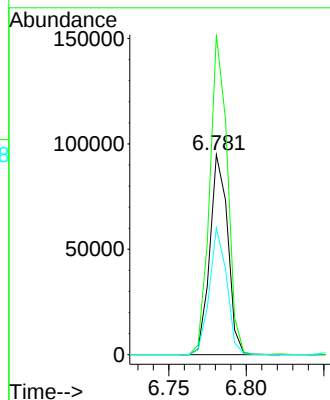
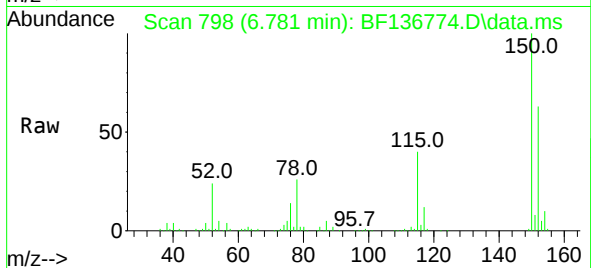




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

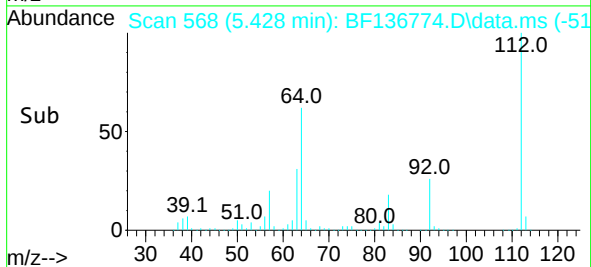
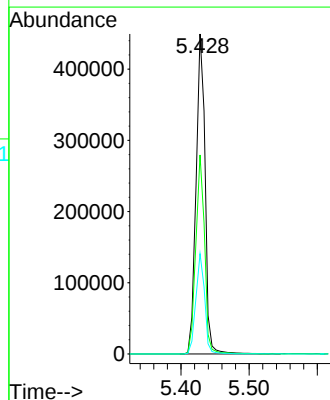
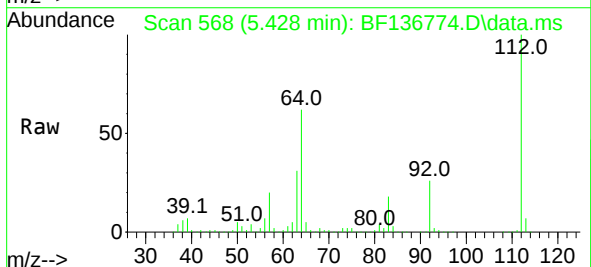
Instrument :
BNA_F
ClientSampleId :
COMP-1

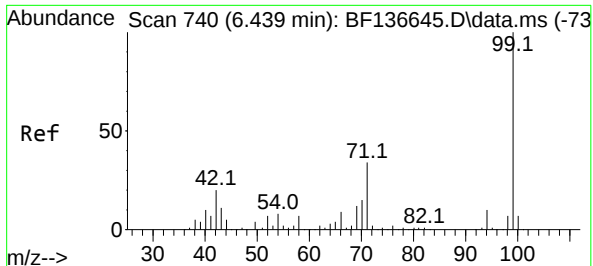
Tgt Ion:152 Resp: 76305
Ion Ratio Lower Upper
152 100
150 160.0 127.0 190.6
115 63.5 49.0 73.4



#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

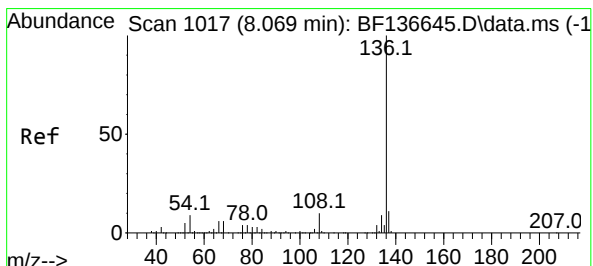
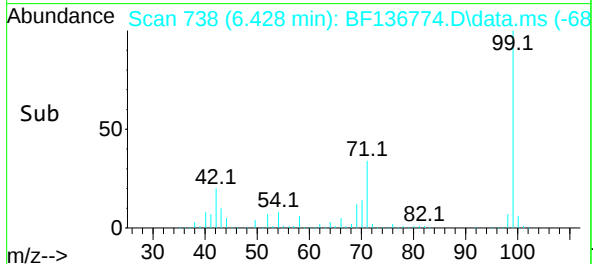
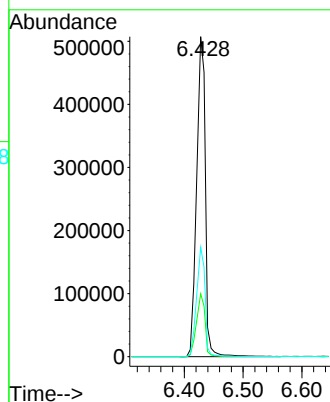
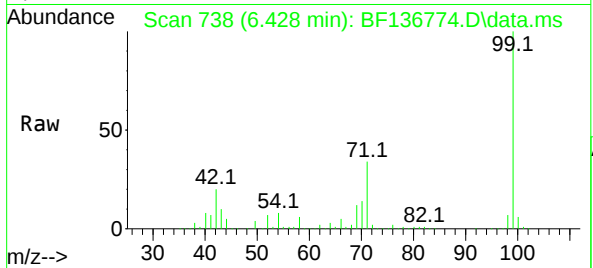




#7
Phenol-d6
Concen: 82.850 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

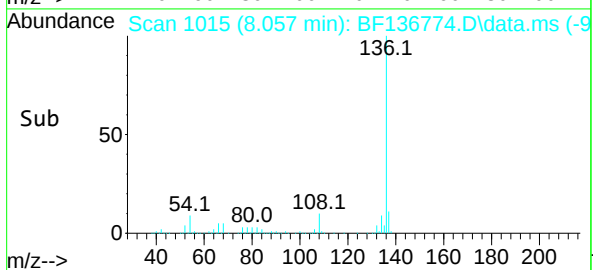
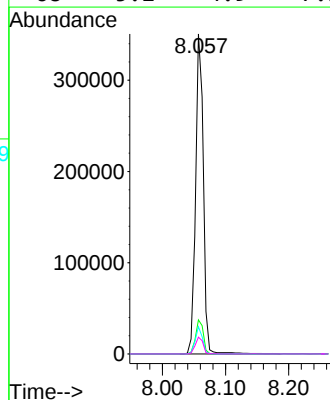
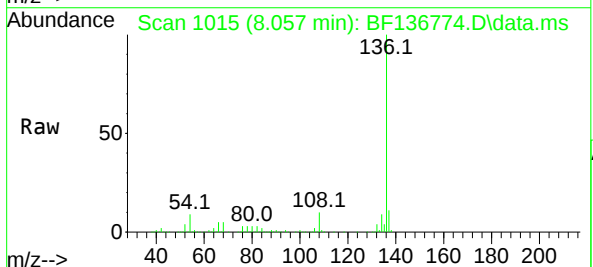
Instrument :
BNA_F
ClientSampleId :
COMP-1

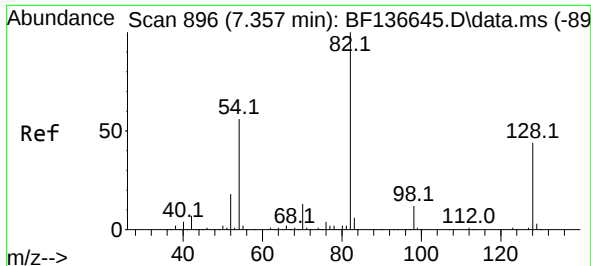
Tgt Ion: 99 Resp: 525006
Ion Ratio Lower Upper
99 100
42 19.7 16.1 24.1
71 34.1 27.4 41.2



#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

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# 89

Delta R.T. -0.012 min

Lab File: BF136774.D

Acq: 27 Dec 2023 23:33

Instrument :

BNA_F

ClientSampleId :

COMP-1

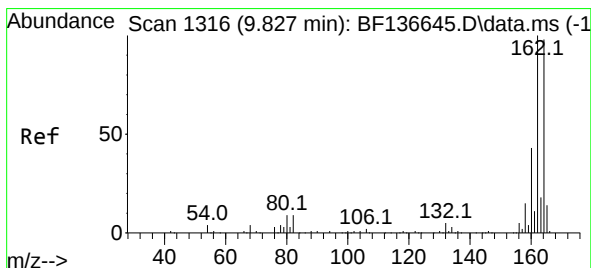
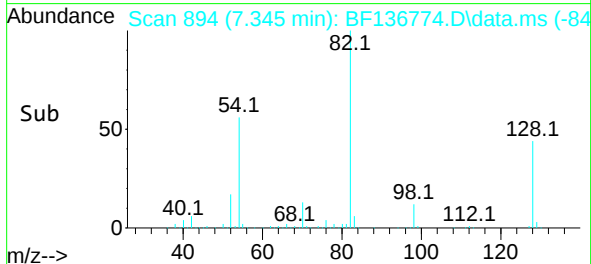
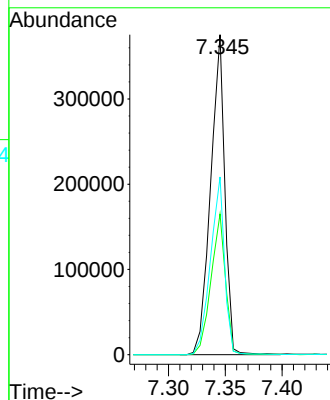
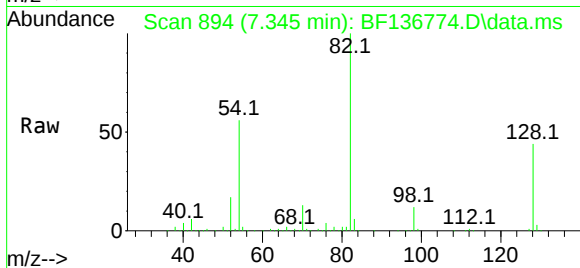
Tgt Ion: 82 Resp: 326098

Ion Ratio Lower Upper

82 100

128 44.0 35.3 52.9

54 55.5 44.5 66.7



#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

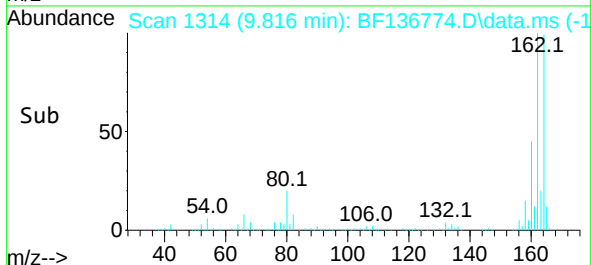
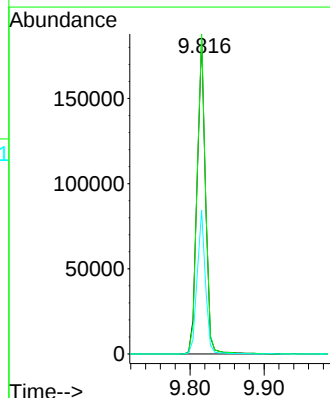
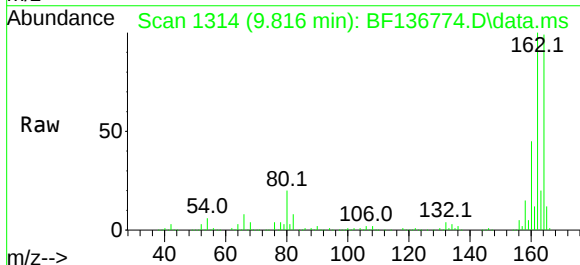
Tgt Ion:164 Resp: 146160

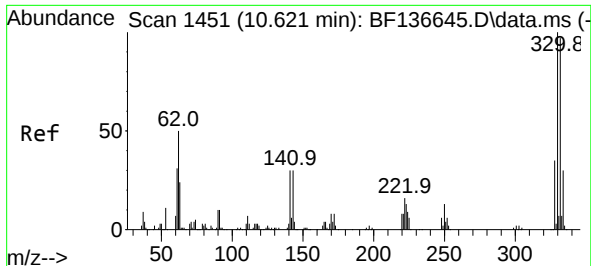
Ion Ratio Lower Upper

164 100

162 101.2 81.6 122.4

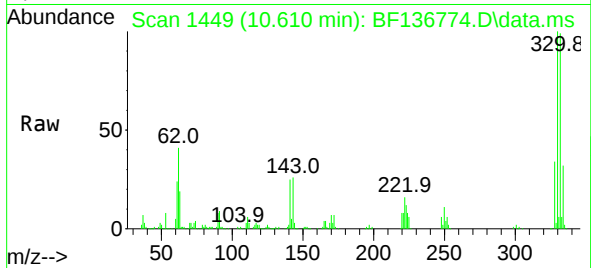
160 45.5 34.9 52.3



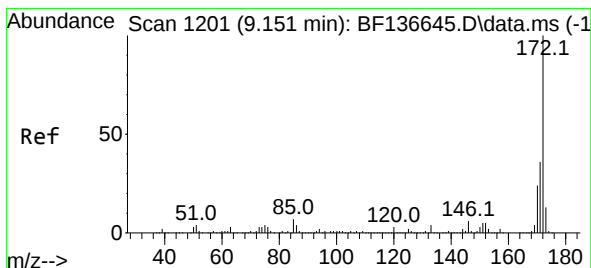
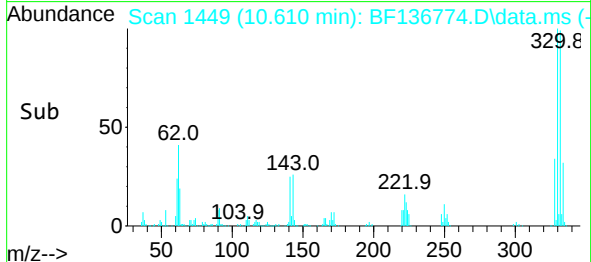
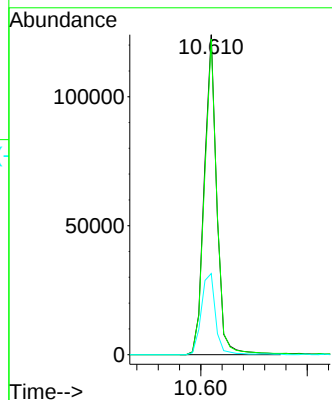


#42
2,4,6-Tribromophenol
Concen: 58.697 ng
RT: 10.610 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF136774.D
Acq: 27 Dec 2023 23:33

Instrument :
BNA_F
ClientSampleId :
COMP-1

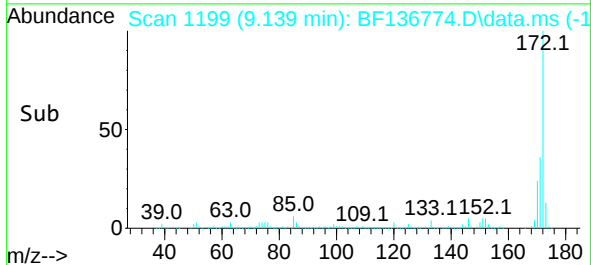
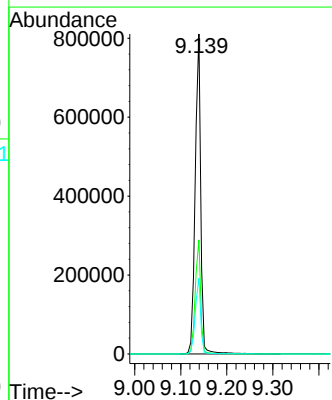
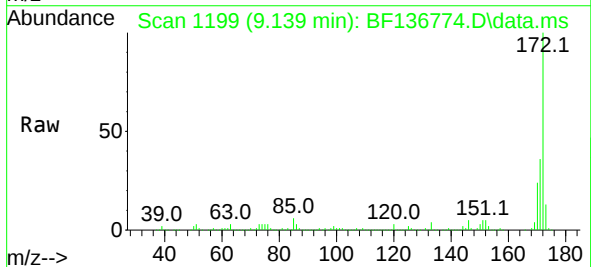


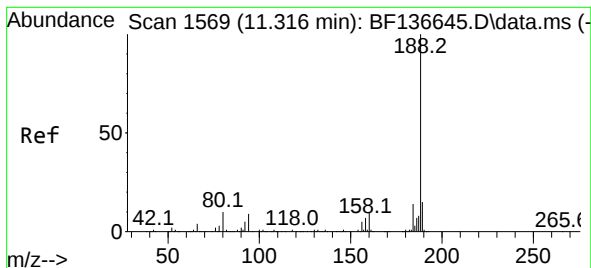
Tgt Ion:330 Resp: 101039
Ion Ratio Lower Upper
330 100
332 98.8 77.4 116.0
141 28.9 23.4 35.2



#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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136774.D

Acq: 27 Dec 2023 23:33

Instrument :

BNA_F

ClientSampleId :

COMP-1

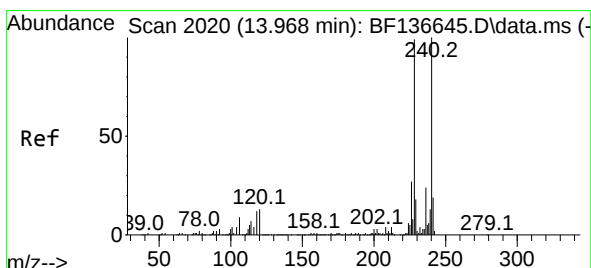
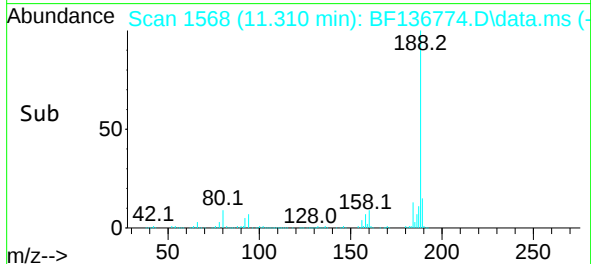
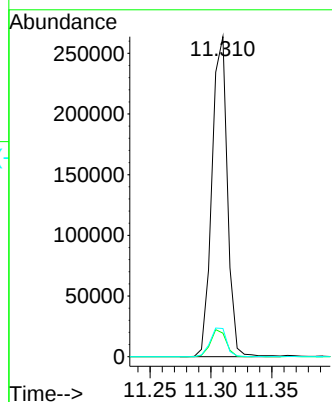
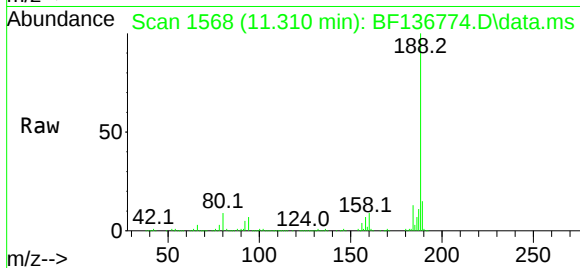
Tgt Ion:188 Resp: 233900

Ion Ratio Lower Upper

188 100

94 7.4 7.5 11.3#

80 8.8 8.1 12.1



#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

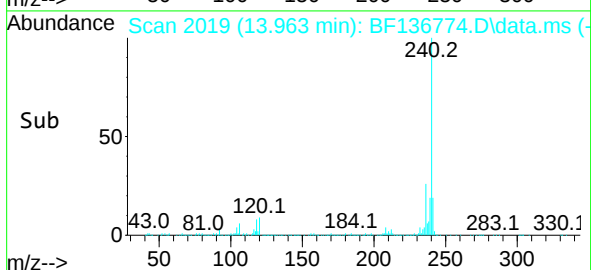
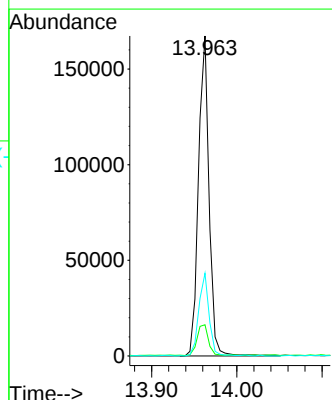
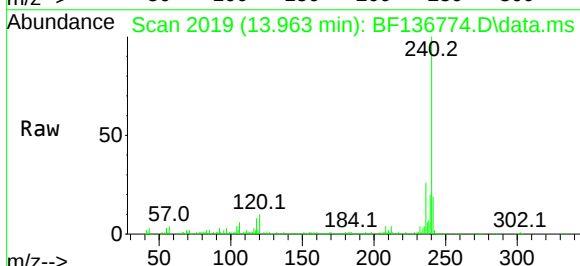
Tgt Ion:240 Resp: 144449

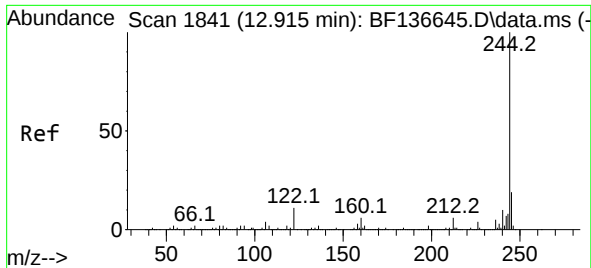
Ion Ratio Lower Upper

240 100

120 9.8 10.3 15.5#

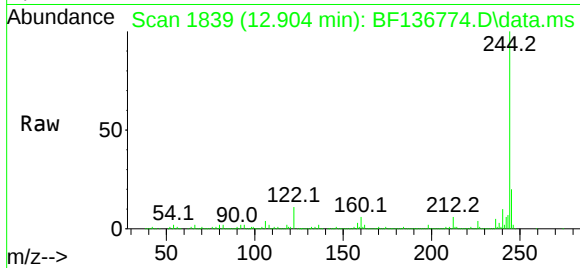
236 25.9 19.4 29.2



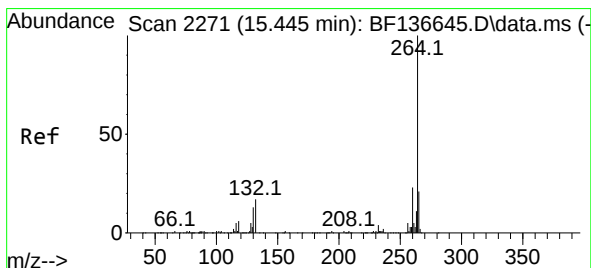
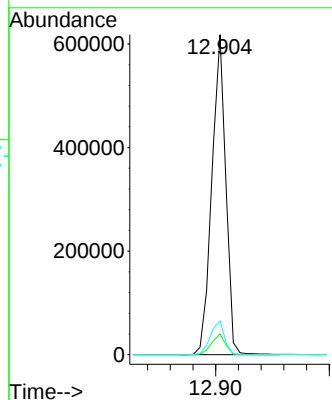
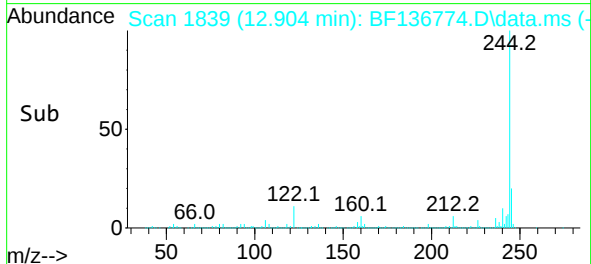


#79
 Terphenyl-d14
 Concen: 50.777 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136774.D
 Acq: 27 Dec 2023 23:33

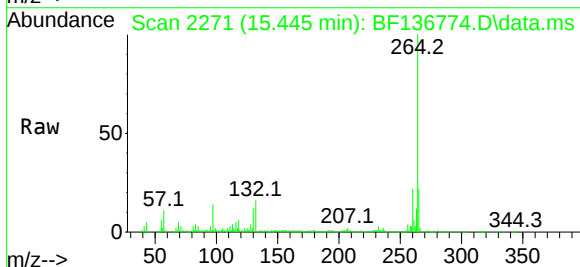
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1



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

