

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082123\
 Data File : BF134874.D
 Acq On : 21 Aug 2023 18:43
 Operator : CG\JU
 Sample : 04070-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Aug 22 03:21:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	146275	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	575939	20.000	ng	#-0.01
39) Acenaphthene-d10	9.828	164	263388	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	395551	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	302421	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	244897	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	923289	95.949	ng	0.00
7) Phenol-d6	6.434	99	1157729	94.118	ng	0.00
23) Nitrobenzene-d5	7.357	82	711000	77.148	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	247621	92.224	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1155640	72.952	ng	-0.02
79) Terphenyl-d14	12.910	244	975296	56.852	ng	-0.01

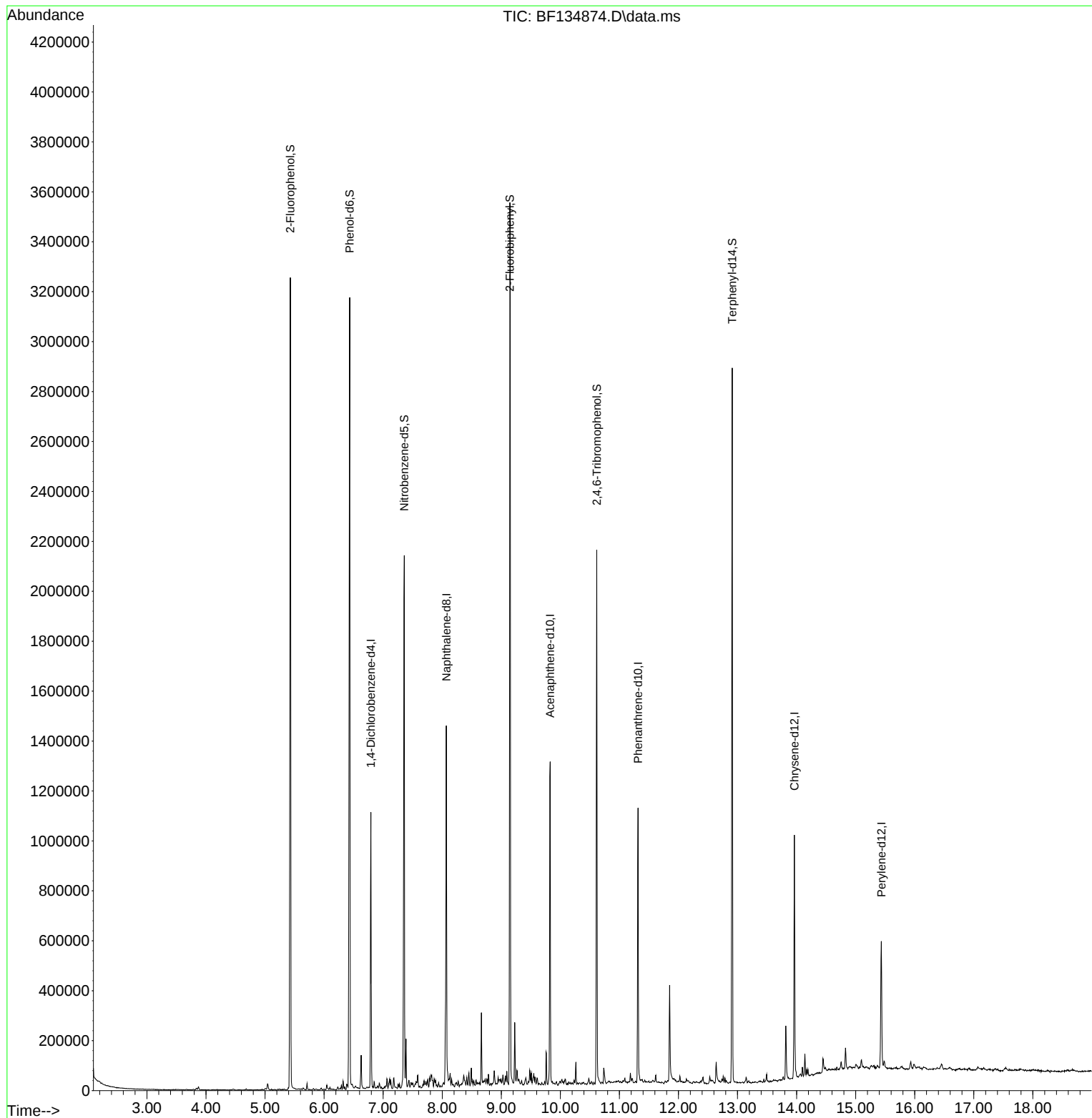
Target Compounds	Qvalue

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

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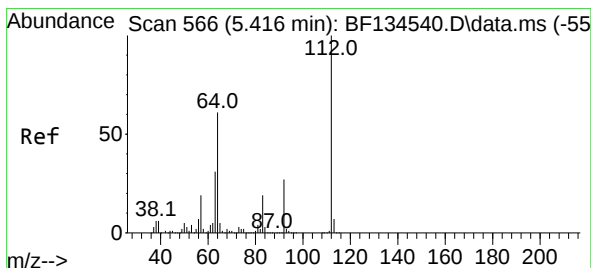
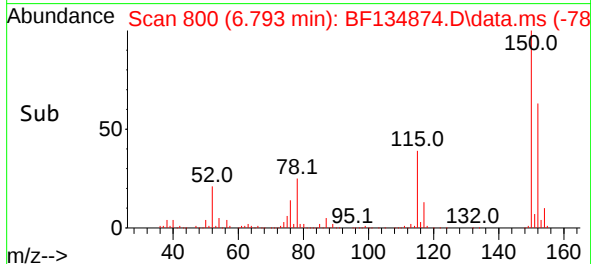
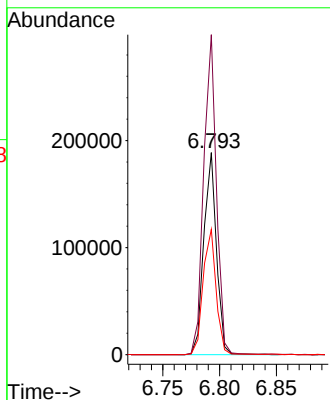
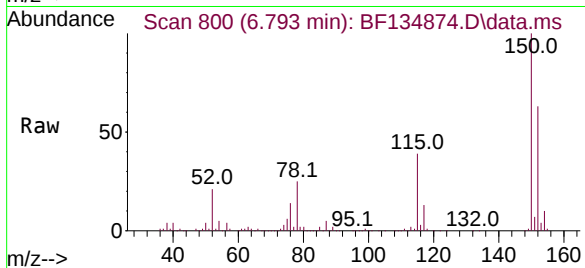




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 800
 Delta R.T. -0.005 min
 Lab File: BF134874.D
 Acq: 21 Aug 2023 18:43

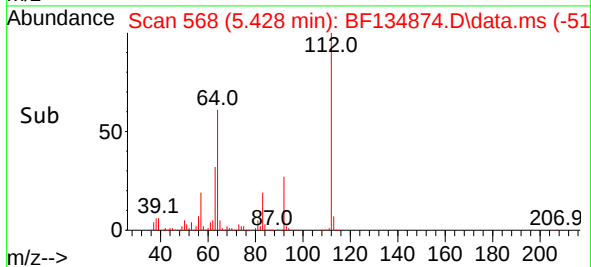
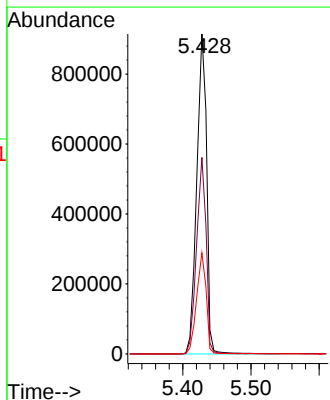
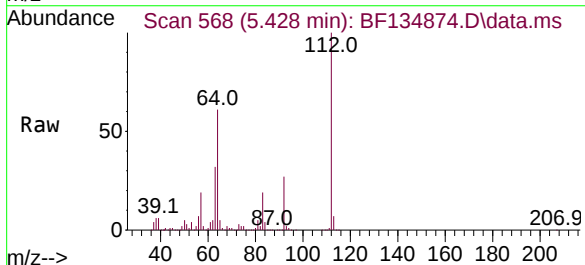
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

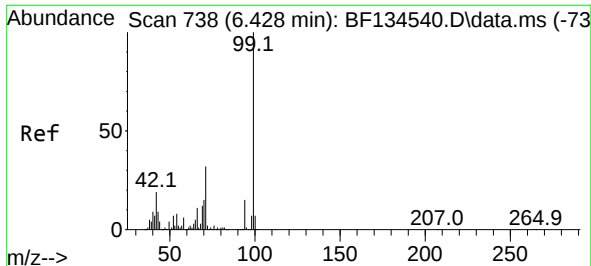
Tgt Ion:152 Resp: 146275
 Ion Ratio Lower Upper
 152 100
 150 158.4 128.3 192.5
 115 62.0 52.4 78.6



#5
 2-Fluorophenol
 Concen: 95.949 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF134874.D
 Acq: 21 Aug 2023 18:43

Tgt Ion:112 Resp: 923289
 Ion Ratio Lower Upper
 112 100
 64 61.4 44.9 67.3
 63 31.6 25.4 38.0

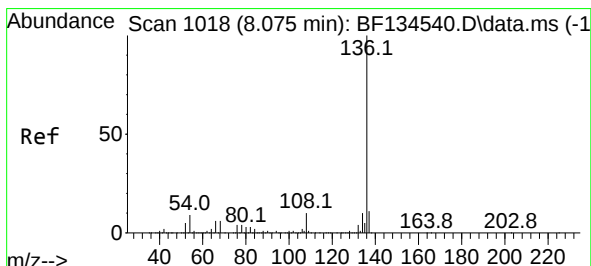
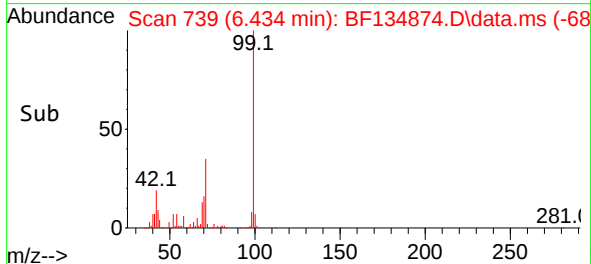
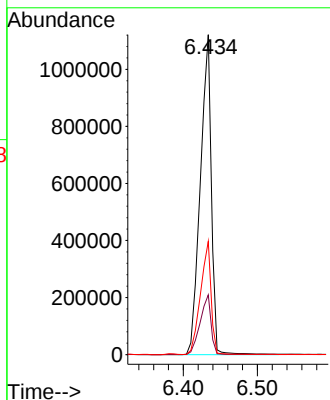
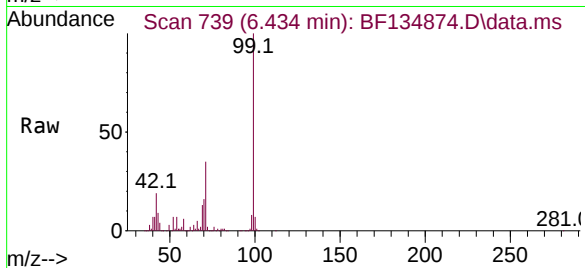




#7
Phenol-d6
Concen: 94.118 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

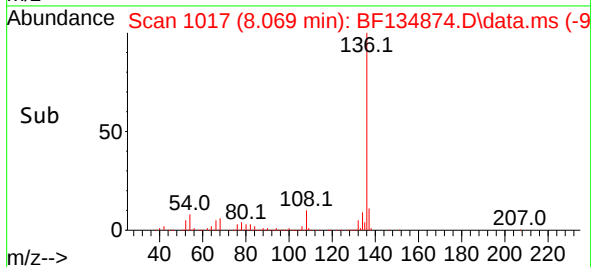
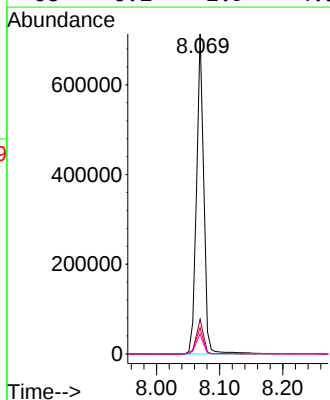
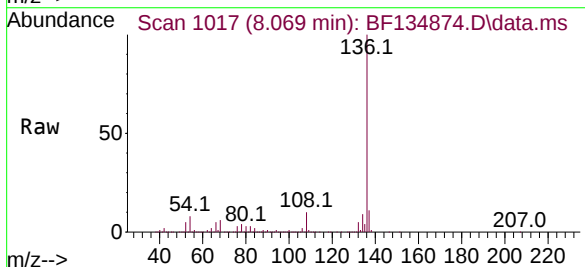
Instrument :
BNA_F
ClientSampleId :
WC-1

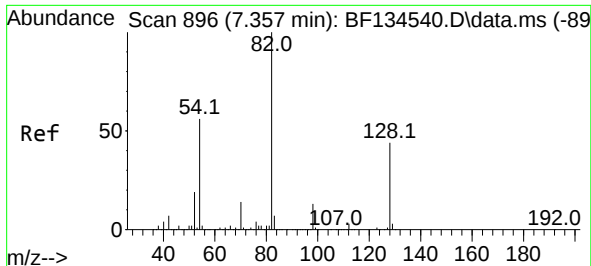
Tgt Ion: 99 Resp: 1157729
Ion Ratio Lower Upper
99 100
42 18.7 18.7 28.1#
71 35.4 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF134874.D
Acq: 21 Aug 2023 18:43

Tgt Ion: 136 Resp: 575939
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.2 5.2 7.8#
68 6.2 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 77.148 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF134874.D

Acq: 21 Aug 2023 18:43

Instrument :

BNA_F

ClientSampleId :

WC-1

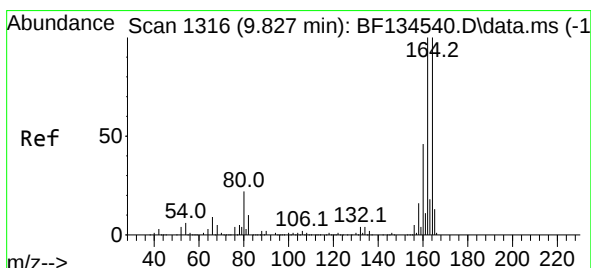
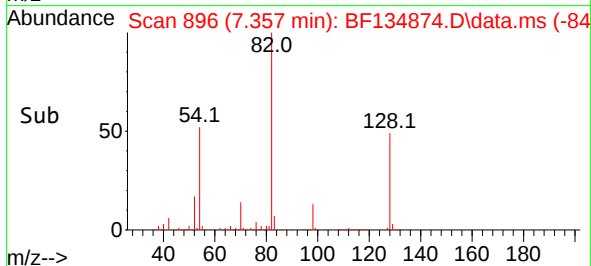
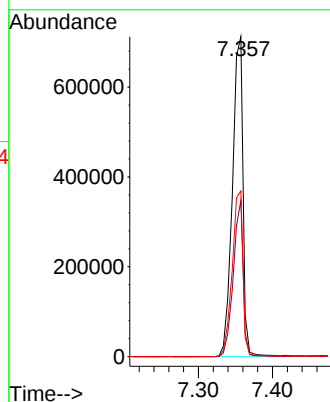
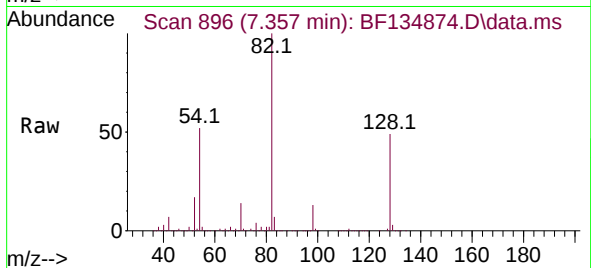
Tgt Ion: 82 Resp: 711000

Ion Ratio Lower Upper

82 100

128 48.8 34.3 51.5

54 51.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134874.D

Acq: 21 Aug 2023 18:43

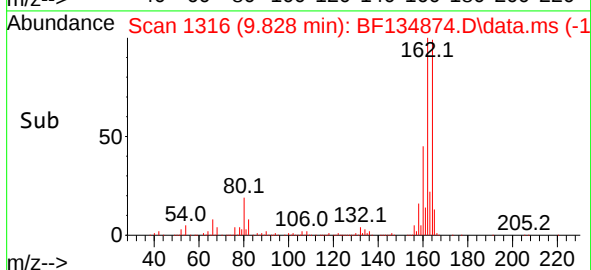
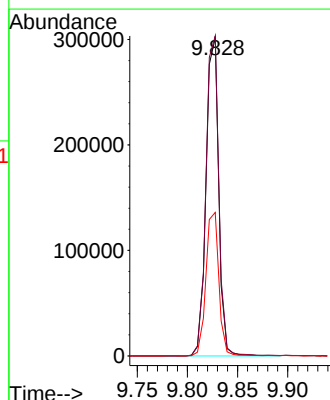
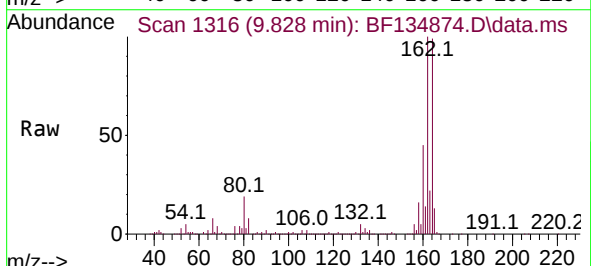
Tgt Ion:164 Resp: 263388

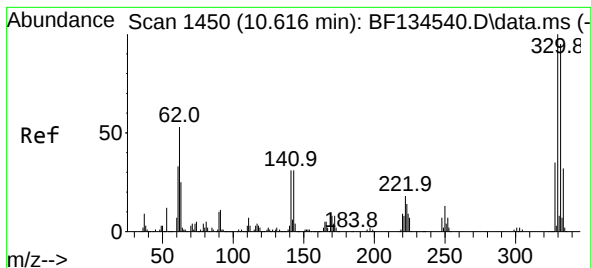
Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

160 45.1 37.2 55.8

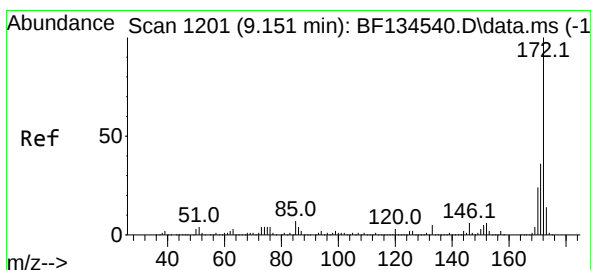
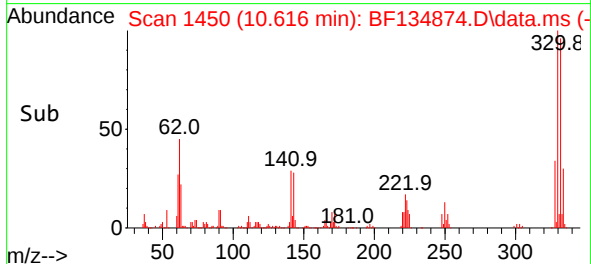
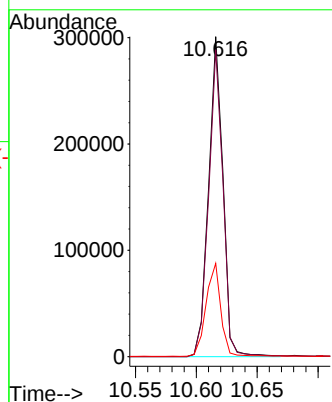
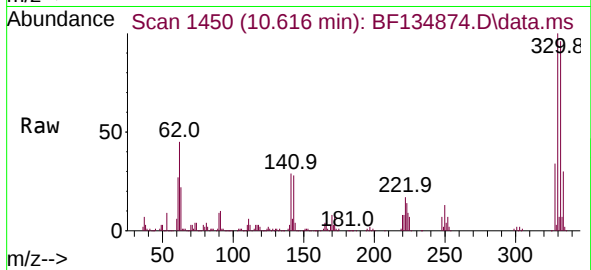




#42
 2,4,6-Tribromophenol
 Concen: 92.224 ng
 RT: 10.616 min Scan# 1450
 Delta R.T. -0.012 min
 Lab File: BF134874.D
 Acq: 21 Aug 2023 18:43

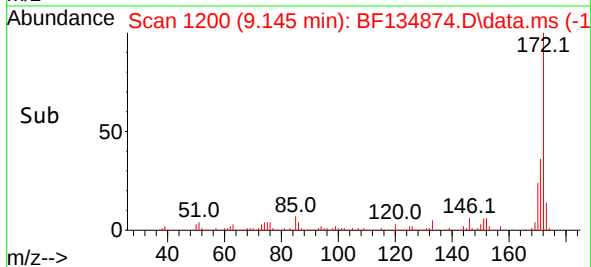
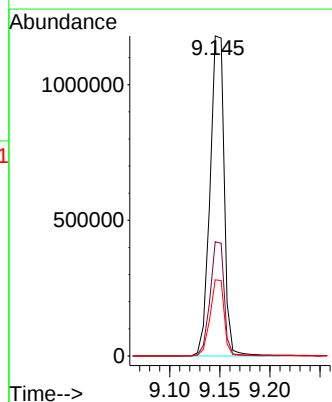
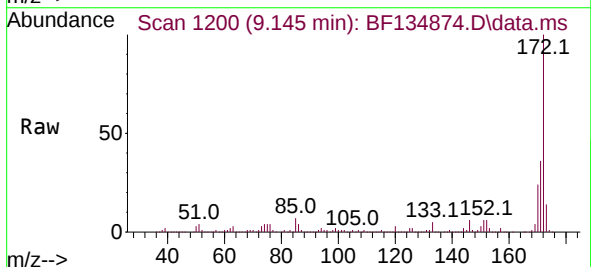
Instrument :
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 ClientSampleId :
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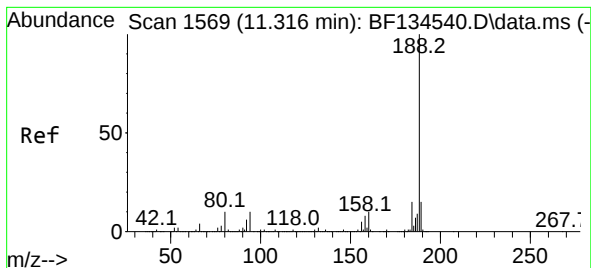
Tgt Ion:330 Resp: 247621
 Ion Ratio Lower Upper
 330 100
 332 96.3 78.8 118.2
 141 30.1 25.4 38.2



#45
 2-Fluorobiphenyl
 Concen: 72.952 ng
 RT: 9.145 min Scan# 1200
 Delta R.T. -0.017 min
 Lab File: BF134874.D
 Acq: 21 Aug 2023 18:43

Tgt Ion:172 Resp: 1155640
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.8 43.2
 170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF134874.D

Acq: 21 Aug 2023 18:43

Instrument :

BNA_F

ClientSampleId :

WC-1

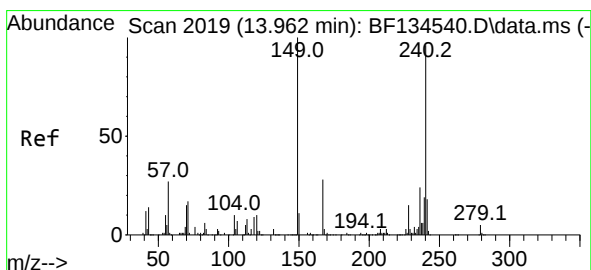
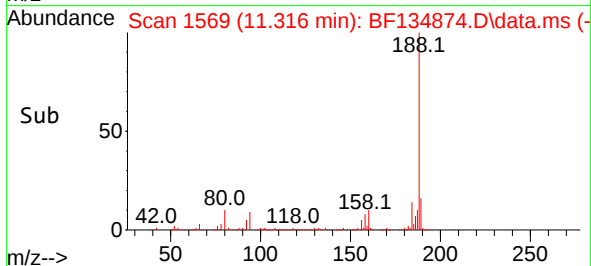
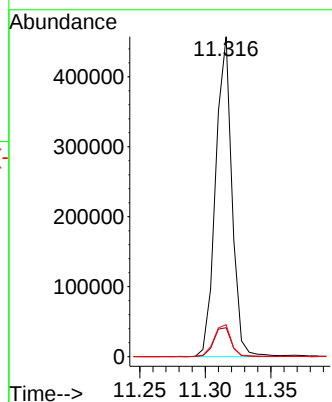
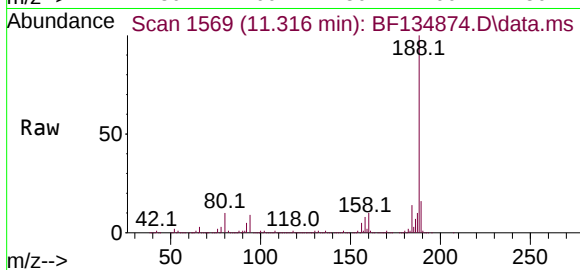
Tgt Ion:188 Resp: 395551

Ion Ratio Lower Upper

188 100

94 9.0 5.1 7.7#

80 10.0 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF134874.D

Acq: 21 Aug 2023 18:43

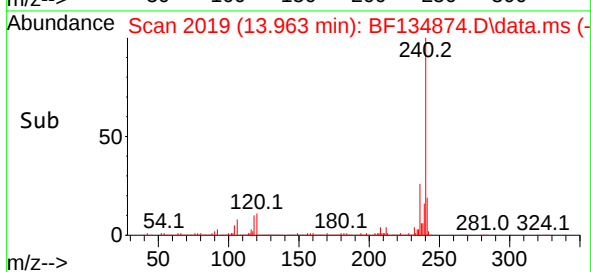
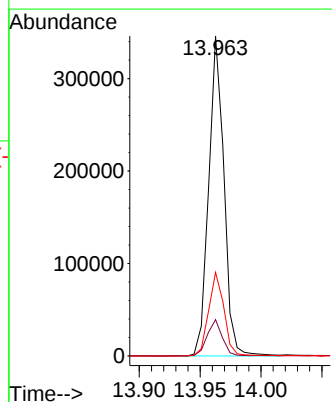
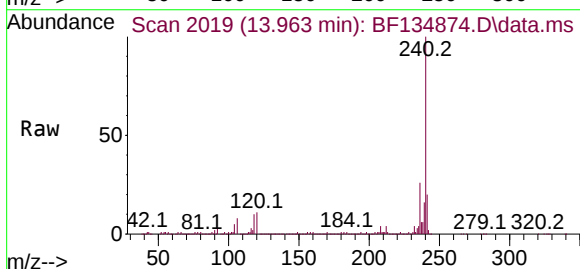
Tgt Ion:240 Resp: 302421

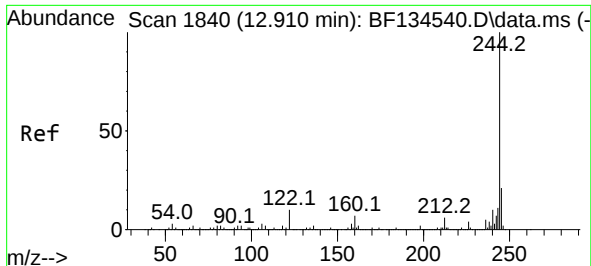
Ion Ratio Lower Upper

240 100

120 11.3 6.6 10.0#

236 26.1 20.2 30.2

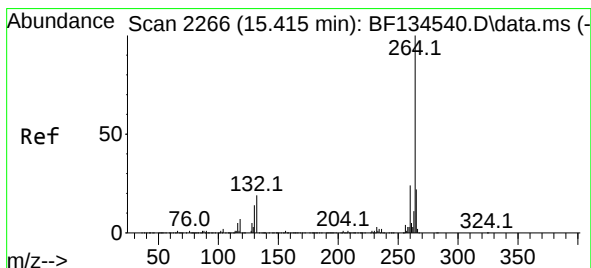
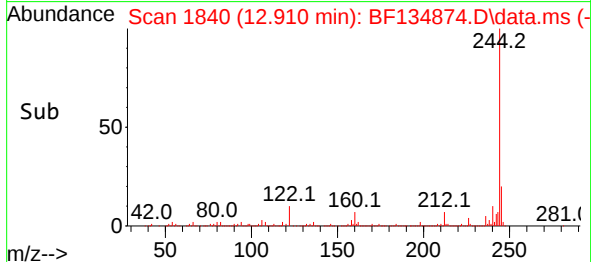
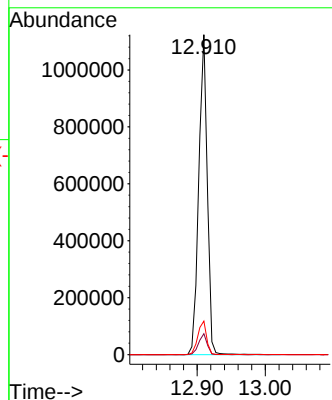
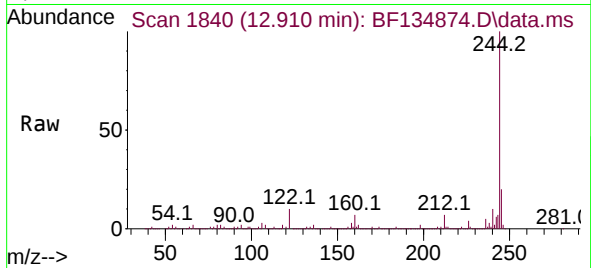




#79
 Terphenyl-d14
 Concen: 56.852 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134874.D
 Acq: 21 Aug 2023 18:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Tgt Ion:244 Resp: 975296
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 10.5 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF134874.D
 Acq: 21 Aug 2023 18:43

Tgt Ion:264 Resp: 244897
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.4 27.6
 265 21.9 15.8 23.8

