

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081123\
 Data File : BF134726.D
 Acq On : 11 Aug 2023 11:26
 Operator : CG\JU
 Sample : 03954-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-16

Quant Time: Aug 11 22:20:08 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	6.798	152	182558	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	684961	20.000	ng	# 0.00
39) Acenaphthene-d10	9.834	164	292677	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	456479	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	370144	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	307472	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	827747	68.924	ng	0.00
7) Phenol-d6	6.434	99	1017009	66.246	ng	0.00
23) Nitrobenzene-d5	7.357	82	599503	54.696	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	210410	70.523	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1003613	57.015	ng	0.00
79) Terphenyl-d14	12.916	244	890344	42.404	ng	0.00

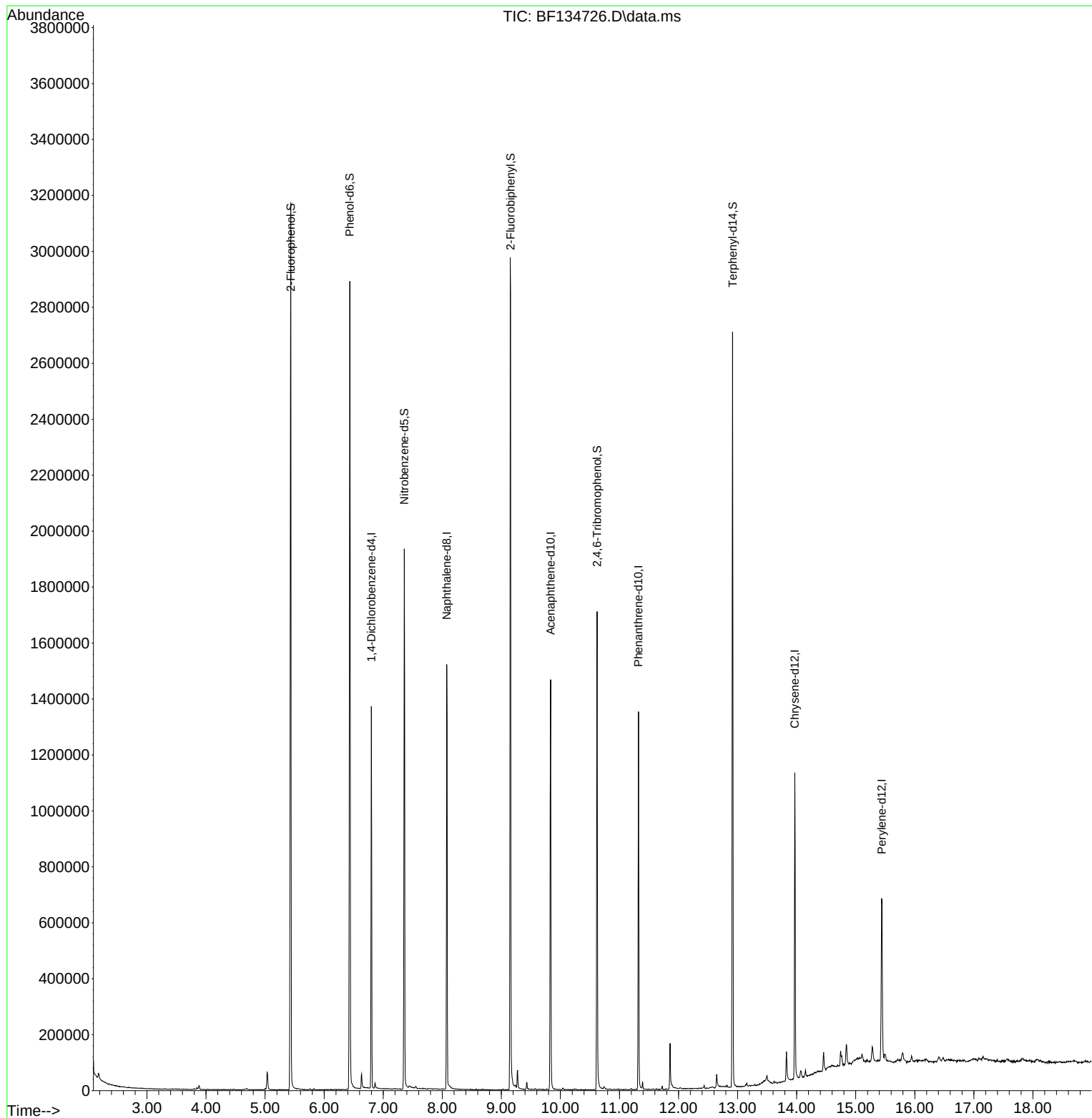
Target Compounds	Qvalue

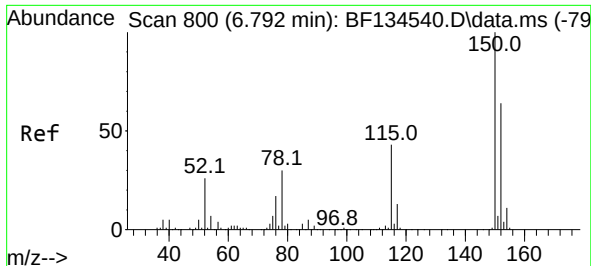
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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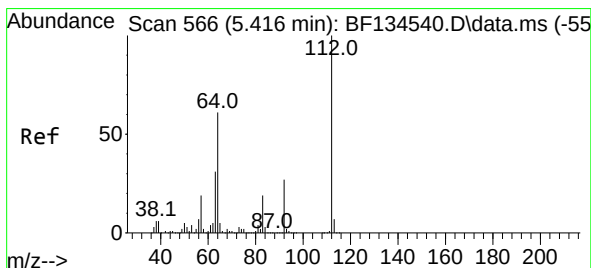
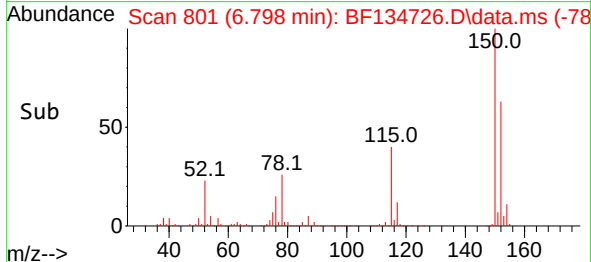
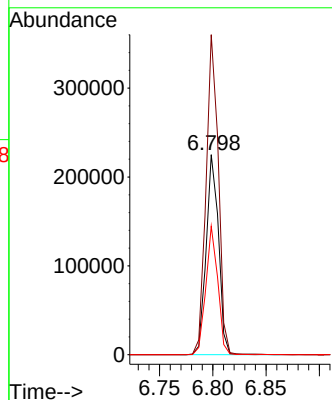
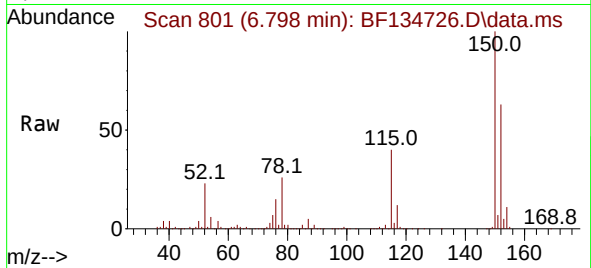




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

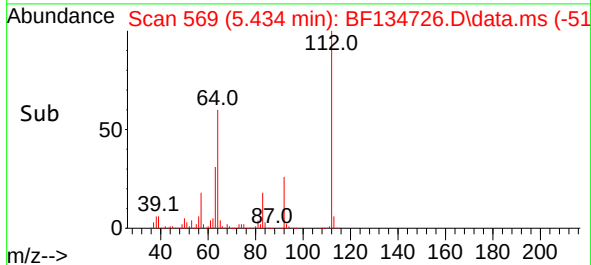
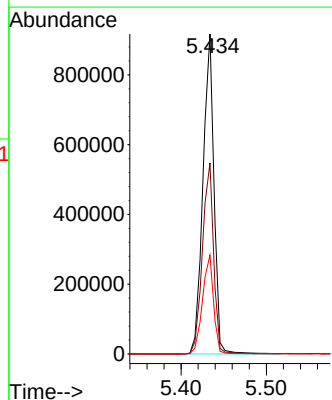
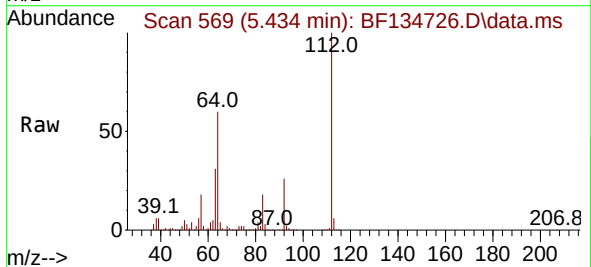
Instrument :
BNA_F
ClientSampleId :
WC-16

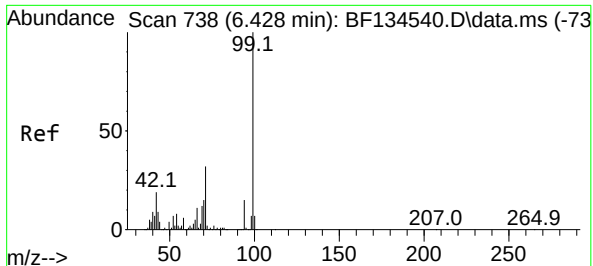
Tgt Ion:152 Resp: 182558
Ion Ratio Lower Upper
152 100
150 159.9 128.3 192.5
115 64.2 52.4 78.6



#5
2-Fluorophenol
Concen: 68.924 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.006 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Tgt Ion:112 Resp: 827747
Ion Ratio Lower Upper
112 100
64 59.7 44.9 67.3
63 30.9 25.4 38.0

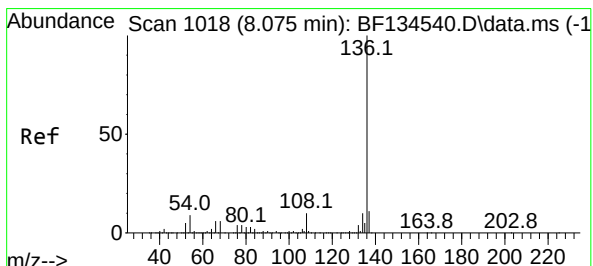
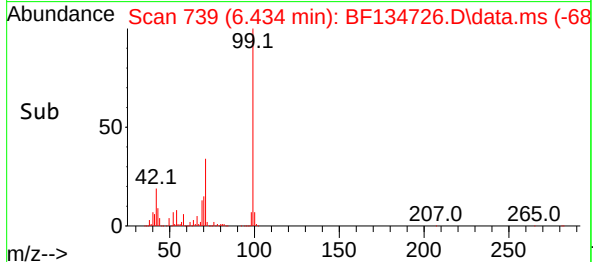
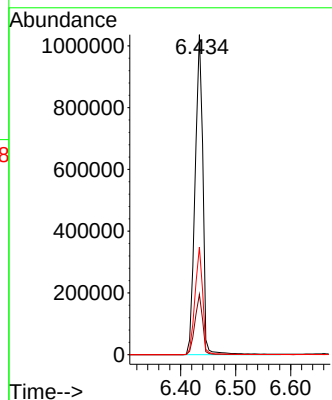
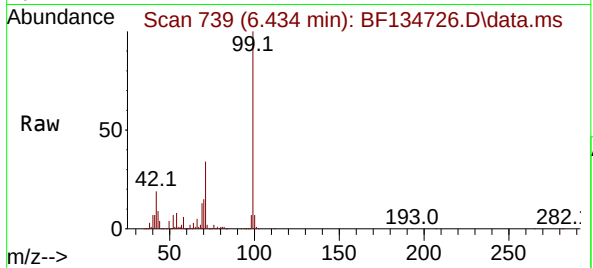




#7
Phenol-d6
Concen: 66.246 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

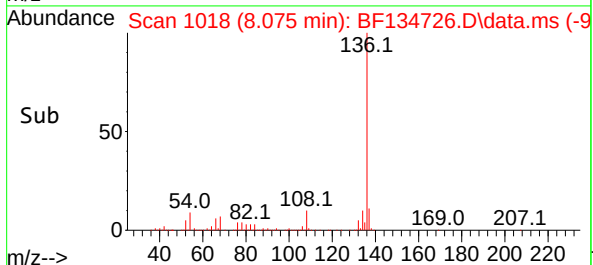
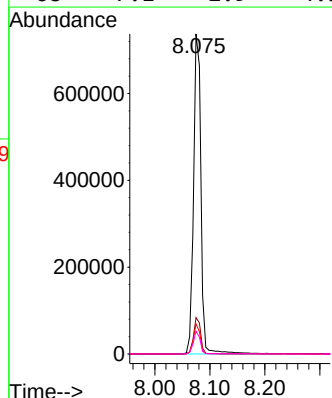
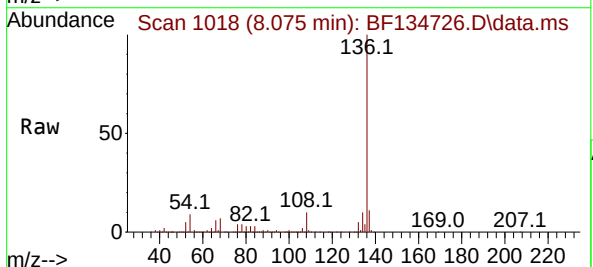
Instrument :
BNA_F
ClientSampleId :
WC-16

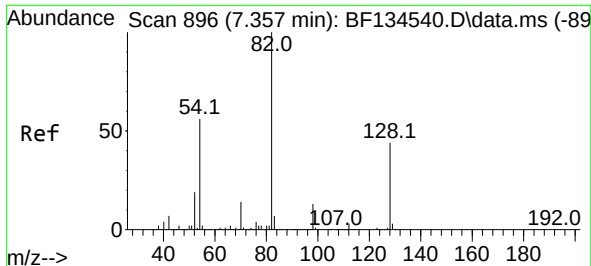
Tgt Ion: 99 Resp: 1017009
Ion Ratio Lower Upper
99 100
42 18.9 18.7 28.1
71 33.6 36.4 54.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Tgt Ion: 136 Resp: 684961
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.4 5.2 7.8#
68 7.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 54.696 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134726.D

Acq: 11 Aug 2023 11:26

Instrument :

BNA_F

ClientSampleId :

WC-16

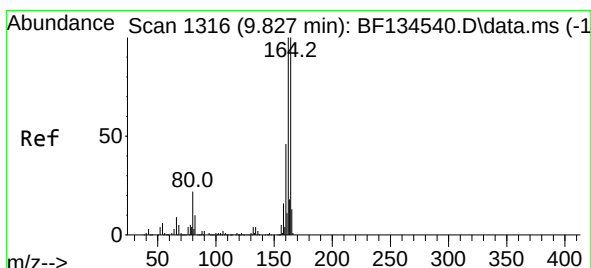
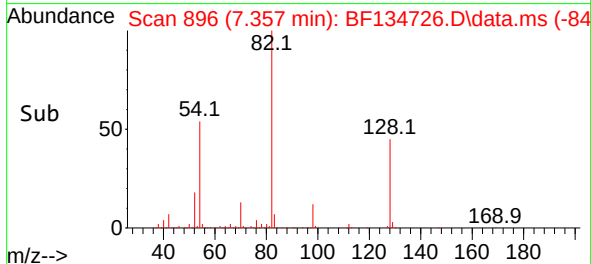
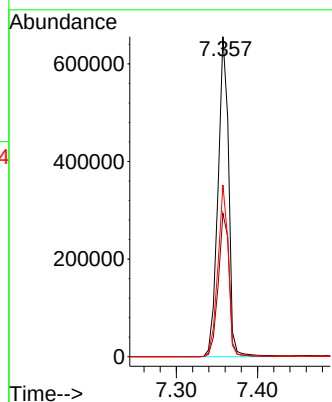
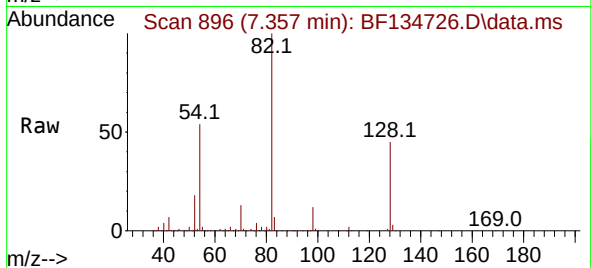
Tgt Ion: 82 Resp: 599503

Ion Ratio Lower Upper

82 100

128 44.8 34.3 51.5

54 53.7 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. 0.000 min

Lab File: BF134726.D

Acq: 11 Aug 2023 11:26

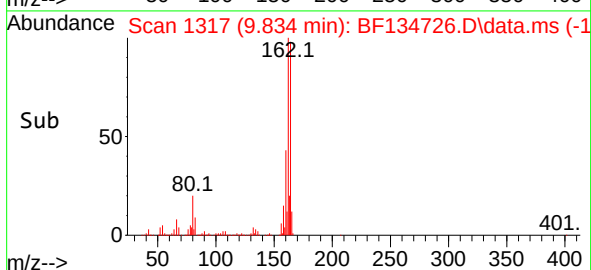
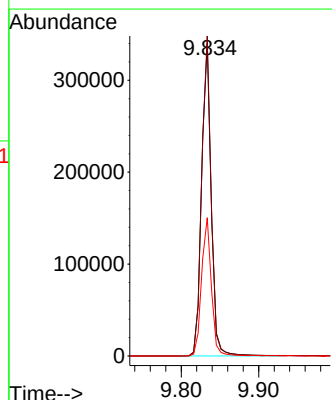
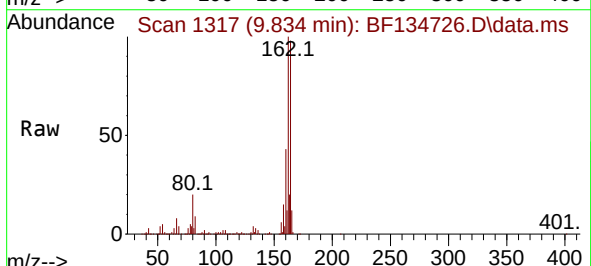
Tgt Ion: 164 Resp: 292677

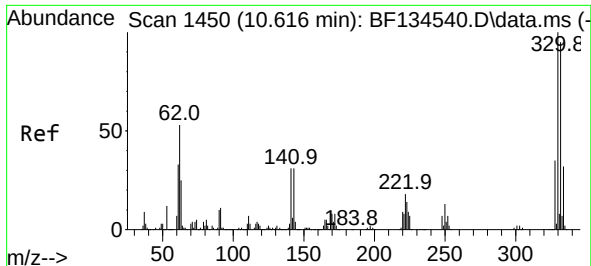
Ion Ratio Lower Upper

164 100

162 102.4 82.6 123.8

160 44.3 37.2 55.8





#42

2,4,6-Tribromophenol

Concen: 70.523 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134726.D

Acq: 11 Aug 2023 11:26

Instrument :

BNA_F

ClientSampleId :

WC-16

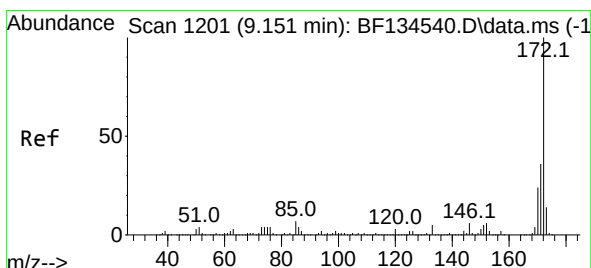
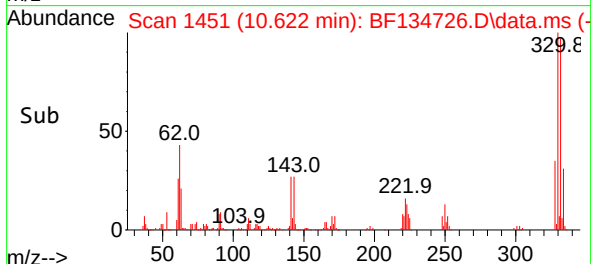
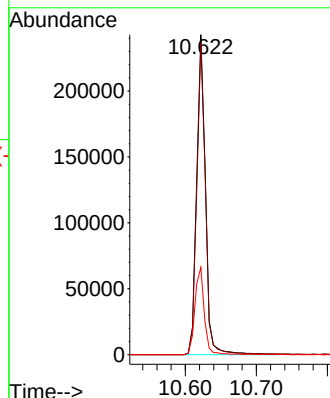
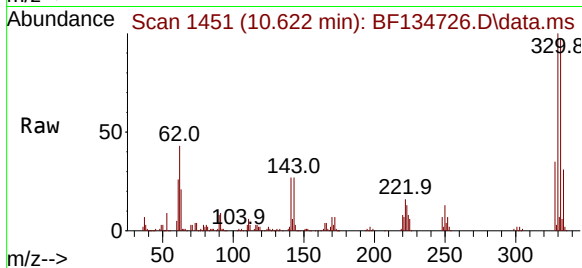
Tgt Ion:330 Resp: 210410

Ion Ratio Lower Upper

330 100

332 96.5 78.8 118.2

141 29.2 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 57.015 ng

RT: 9.157 min Scan# 1202

Delta R.T. -0.006 min

Lab File: BF134726.D

Acq: 11 Aug 2023 11:26

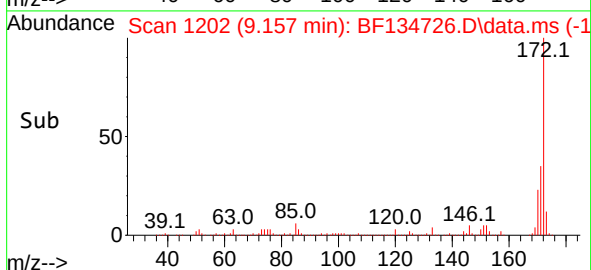
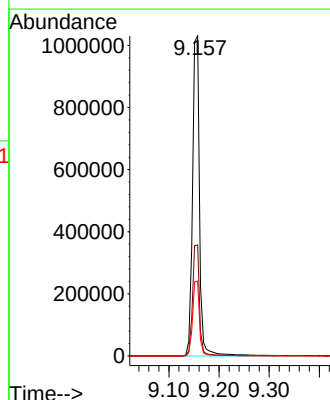
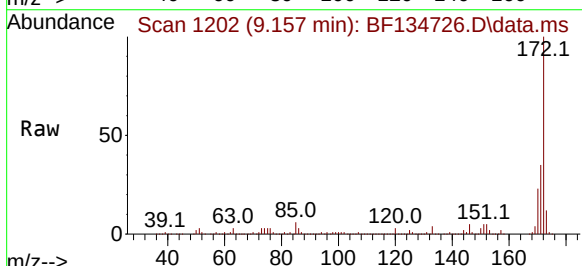
Tgt Ion:172 Resp: 1003613

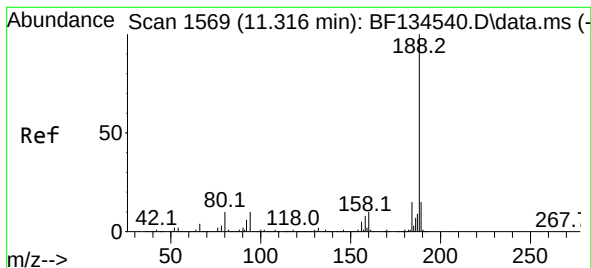
Ion Ratio Lower Upper

172 100

171 34.7 28.8 43.2

170 23.4 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF134726.D

Acq: 11 Aug 2023 11:26

Instrument :

BNA_F

ClientSampleId :

WC-16

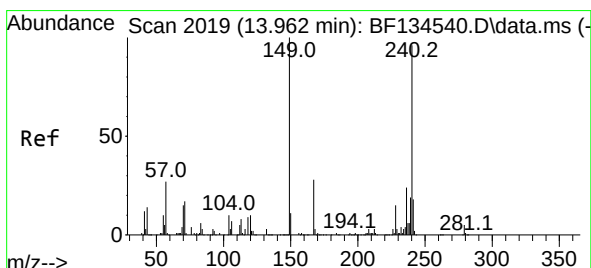
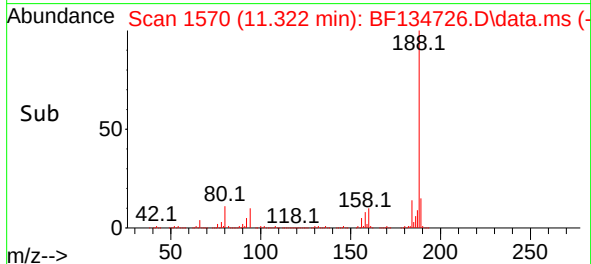
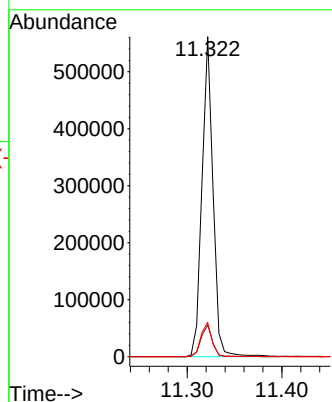
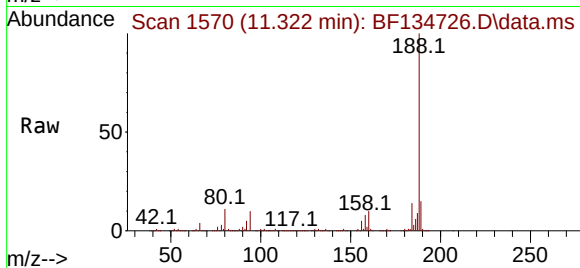
Tgt Ion:188 Resp: 456479

Ion Ratio Lower Upper

188 100

94 9.9 5.1 7.7#

80 10.7 6.6 9.8#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. -0.006 min

Lab File: BF134726.D

Acq: 11 Aug 2023 11:26

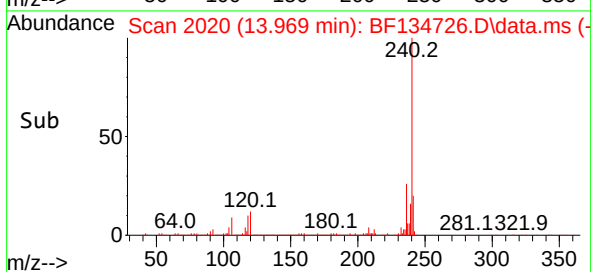
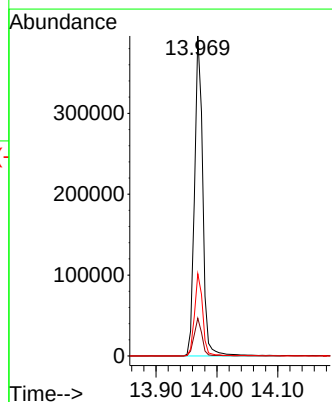
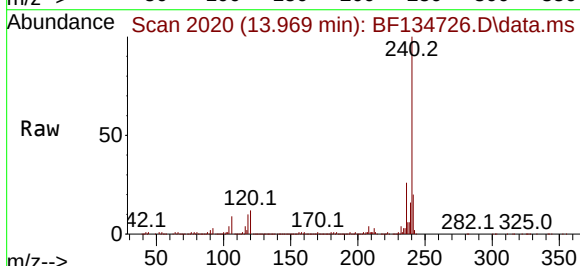
Tgt Ion:240 Resp: 370144

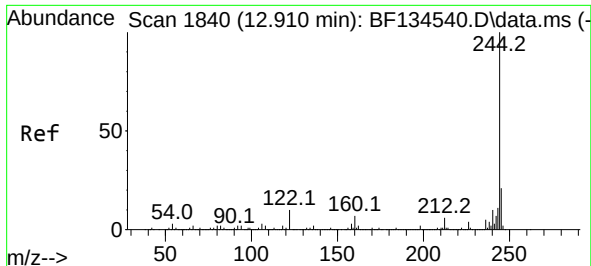
Ion Ratio Lower Upper

240 100

120 11.8 6.6 10.0#

236 25.7 20.2 30.2

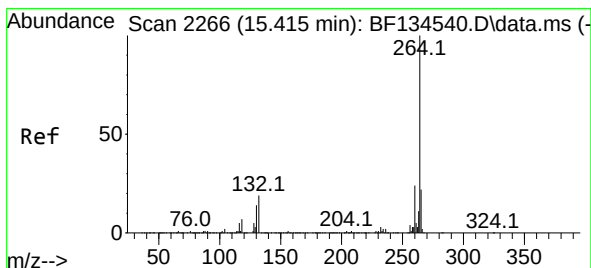
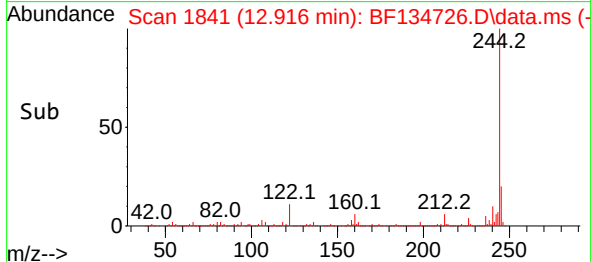
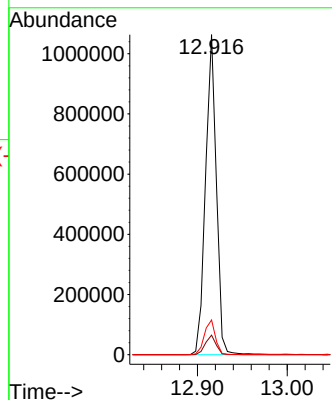
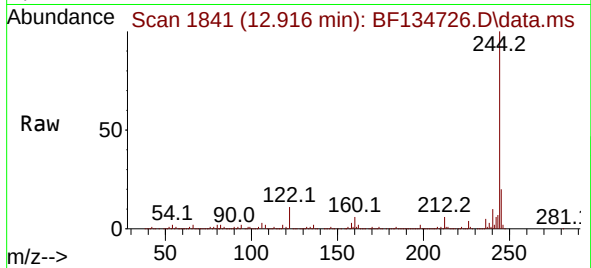




#79
Terphenyl-d14
Concen: 42.404 ng
RT: 12.916 min Scan# 1841
Delta R.T. -0.006 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Instrument :
BNA_F
ClientSampleId :
WC-16

Tgt Ion:244 Resp: 890344
Ion Ratio Lower Upper
244 100
212 6.1 5.6 8.4
122 10.9 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF134726.D
Acq: 11 Aug 2023 11:26

Tgt Ion:264 Resp: 307472
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 21.4 15.8 23.8

