

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080323\
 Data File : BF134602.D
 Acq On : 03 Aug 2023 09:54
 Operator : CG\JU
 Sample : 03598-12DL 10X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719RE

Quant Time: Aug 04 01:04:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 02 02:20:34 2023
 Response via : Initial Calibration

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

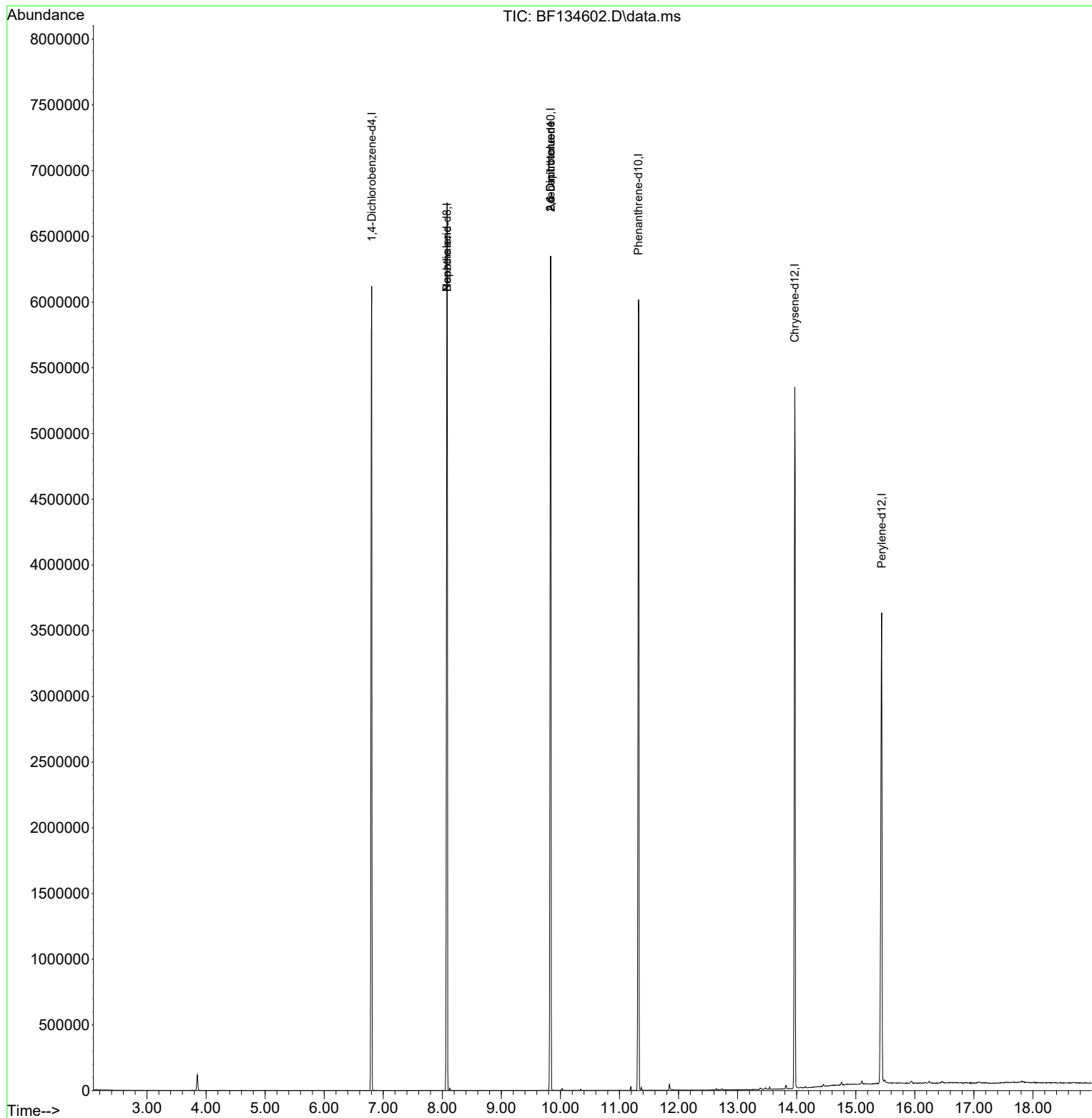
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	1070062	20.000	ng	0.01
21) Naphthalene-d8	8.081	136	3663906	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	1641848	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	2865663	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	2235321	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	1986900	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0	0.000	ng	
79) Terphenyl-d14	12.904	244	298	0.002	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	8.081	122	861	7.886	ng	# 1
51) 2,6-Dinitrotoluene	9.833	165	216801	11.460	ng	# 17
57) 2,4-Dinitrotoluene	9.833	165	216801	10.215	ng	# 18

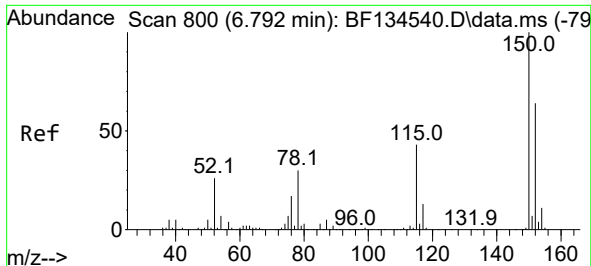
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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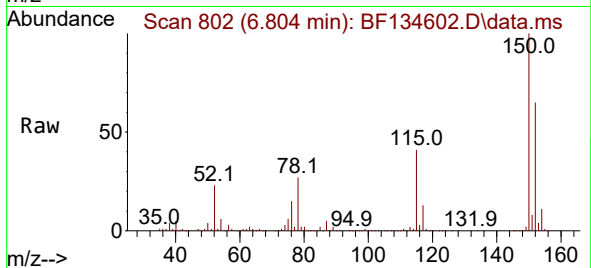
Quant Time: Aug 04 01:04:57 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 02 02:20:34 2023
Response via : Initial Calibration



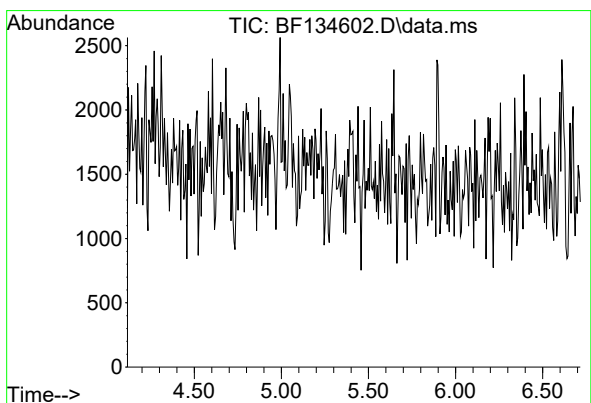
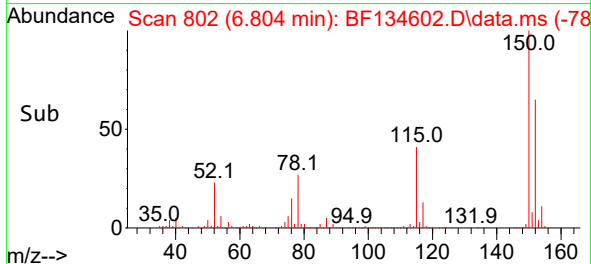
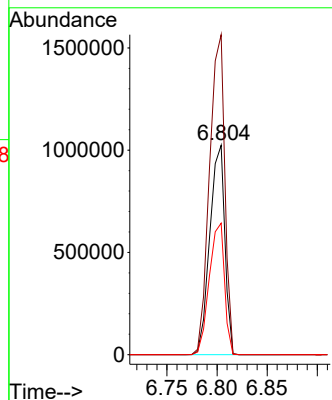


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. 0.012 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 09:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719RE



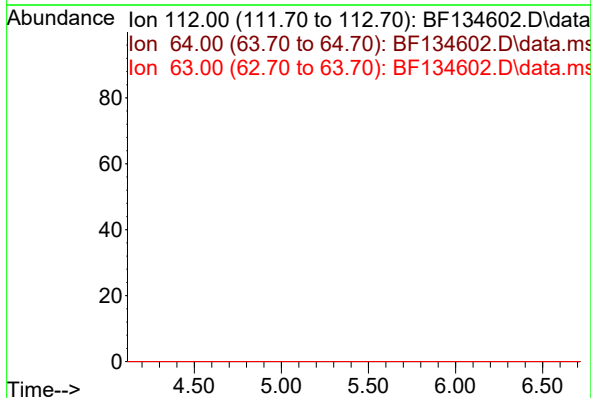
Tgt Ion:152 Resp: 1070062
 Ion Ratio Lower Upper
 152 100
 150 152.8 128.3 192.5
 115 62.8 52.4 78.6



#5
 2-Fluorophenol
 Concen: 0.000 ng
 Expected RT: 5.42 min

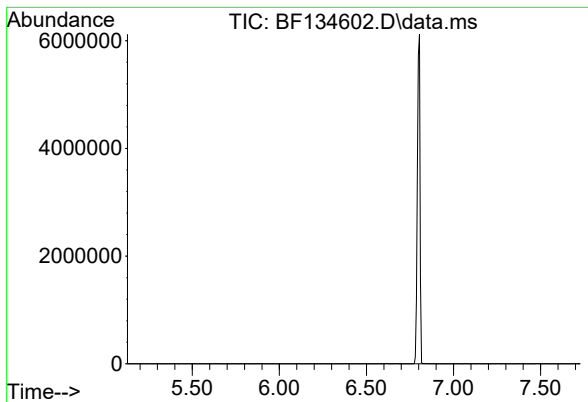
Lab File: BF134602.D
 Acq: 03 Aug 2023 09:54

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 56.1
 63 31.7



Ion 64.00 (63.70 to 64.70): BF134602.D\data.ms

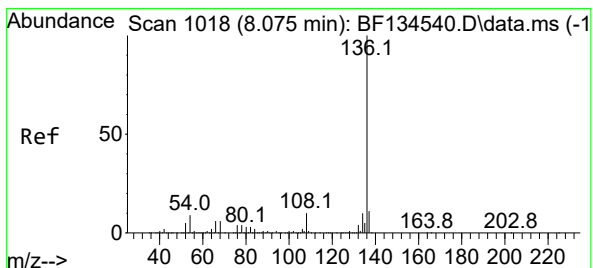
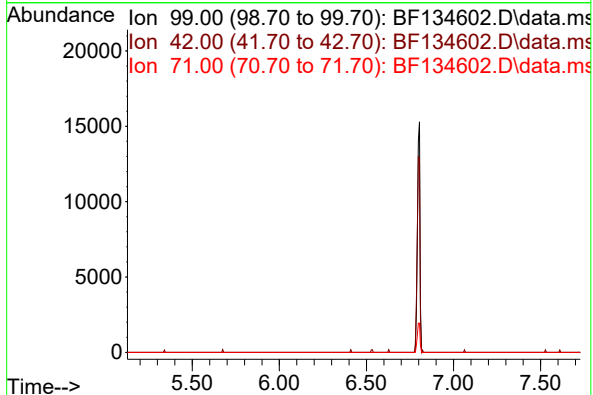
Ion 63.00 (62.70 to 63.70): BF134602.D\data.ms



#7
 Phenol-d6
 Concen: 0.000 ng
 Expected RT: 6.43 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 09:54

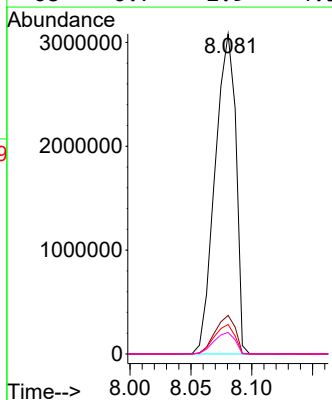
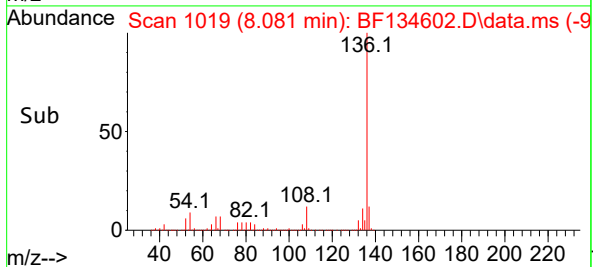
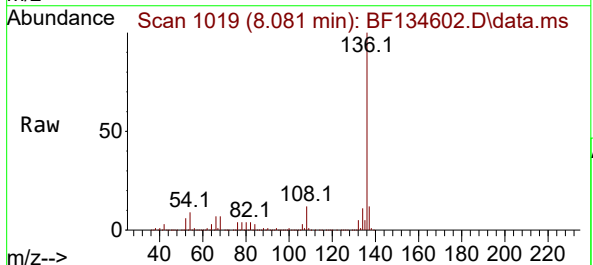
Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719RE

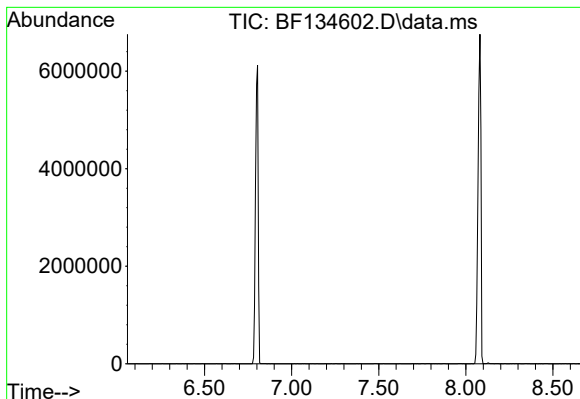
Tgt Ion: 99
 Sig Exp Ratio
 99 100
 42 23.4
 71 45.5



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.081 min Scan# 1019
 Delta R.T. 0.006 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 09:54

Tgt Ion: 136 Resp: 3663906
 Ion Ratio Lower Upper
 136 100
 137 12.0 8.4 12.6
 54 9.2 5.2 7.8#
 68 6.7 2.9 4.3#



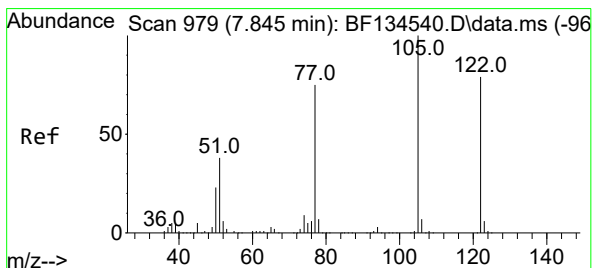
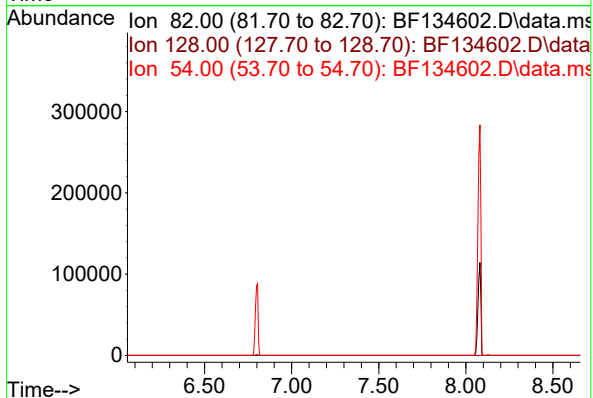


#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.36 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 09:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719RE

Tgt Ion: 82

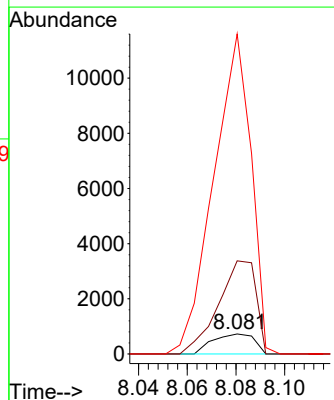
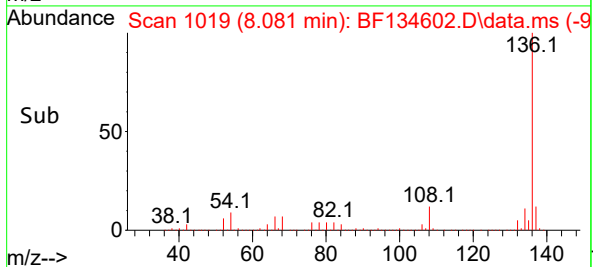
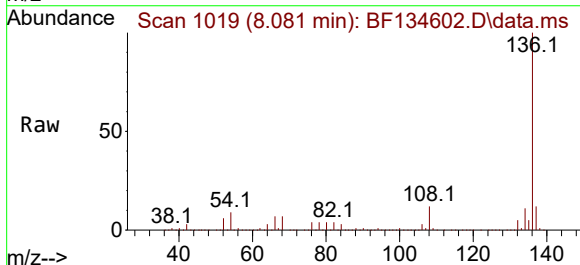
Sig	Exp Ratio
82	100
128	42.9
54	54.7

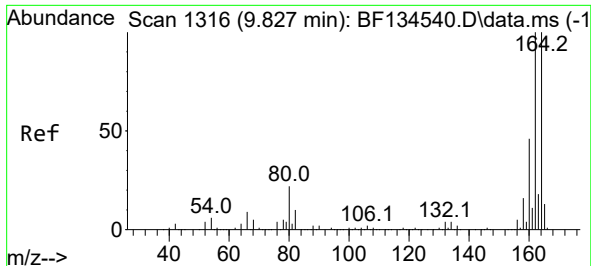


#32
 Benzoic acid
 Concen: 7.886 ng
 RT: 8.081 min Scan# 1019
 Delta R.T. 0.236 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 09:54

Tgt Ion: 122 Resp: 861

Ion	Ratio	Lower	Upper
122	100		
105	465.2	87.5	127.5#
77	1598.3	71.4	111.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF134602.D

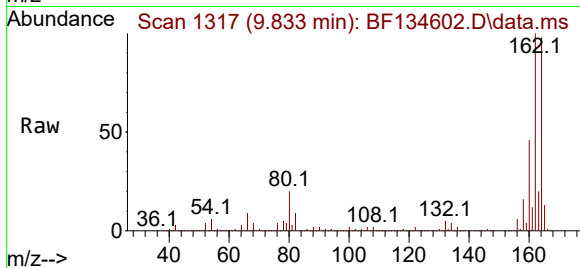
Acq: 03 Aug 2023 09:54

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719RE



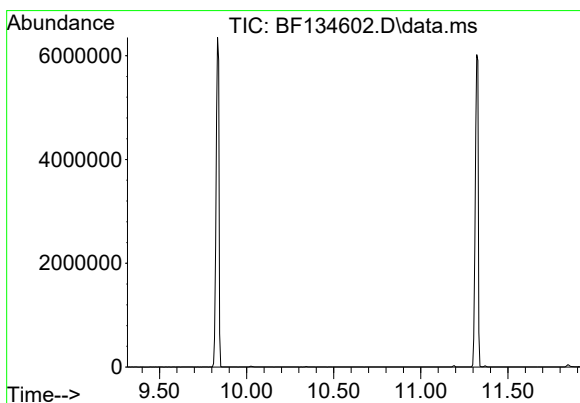
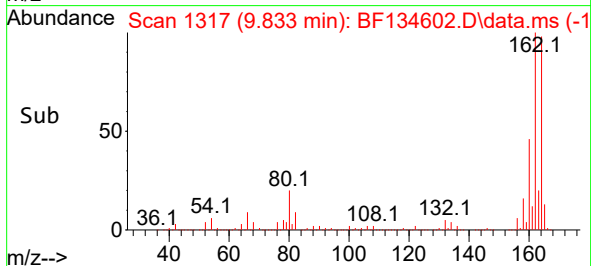
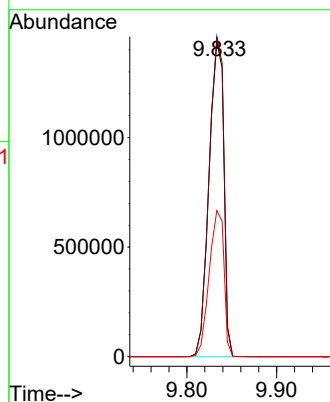
Tgt Ion:164 Resp: 1641848

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

160 46.4 37.2 55.8



#42

2,4,6-Tribromophenol

Concen: 0.000 ng

Expected RT: 10.62 min

Lab File: BF134602.D

Acq: 03 Aug 2023 09:54

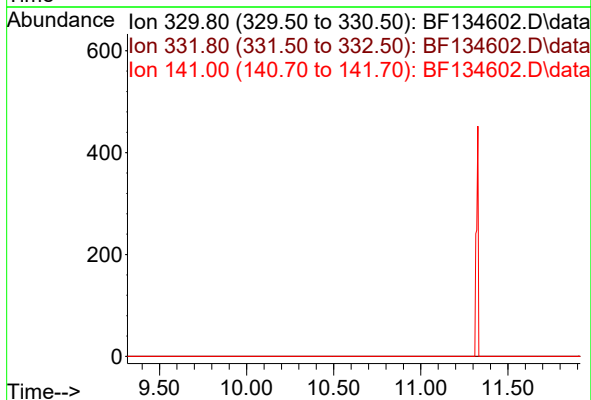
Tgt Ion: 330

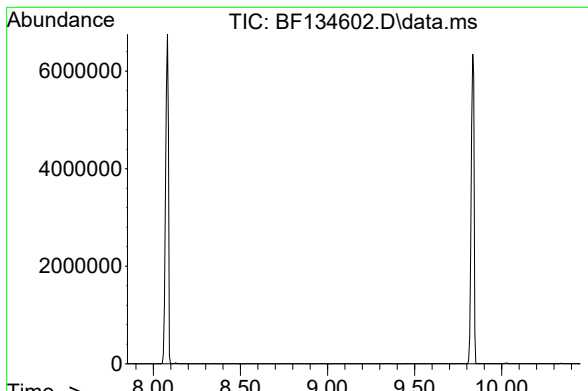
Sig Exp Ratio

330 100

332 98.5

141 31.8



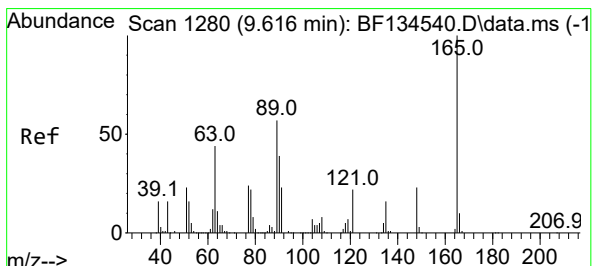
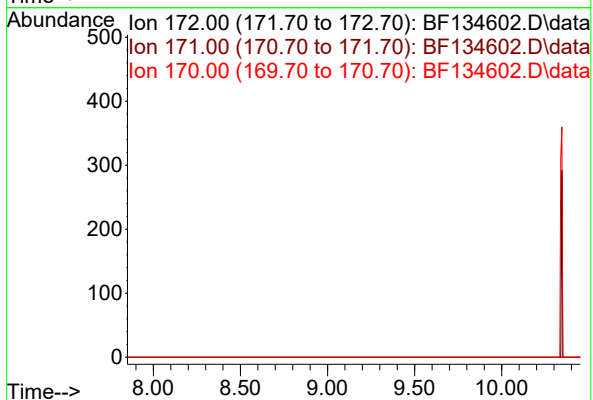


#45
 2-Fluorobiphenyl
 Concen: 0.000 ng
 Expected RT: 9.15 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 09:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-21-16-18-20230719RE

Tgt Ion: 172

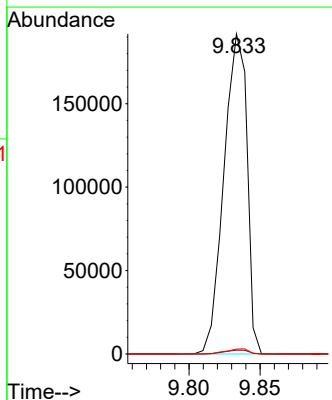
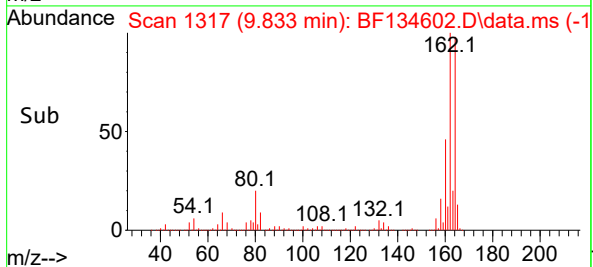
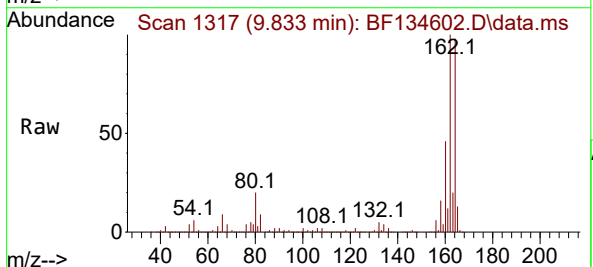
Sig	Exp Ratio
172	100
171	36.0
170	23.4

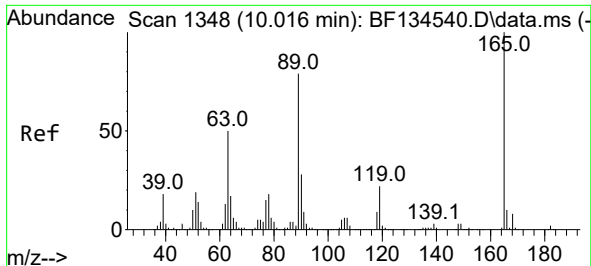


#51
 2,6-Dinitrotoluene
 Concen: 11.460 ng
 RT: 9.833 min Scan# 1317
 Delta R.T. 0.217 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 09:54

Tgt Ion: 165 Resp: 216801

Ion	Ratio	Lower	Upper
165	100		
63	1.2	57.8	86.6#
89	1.5	51.8	77.8#

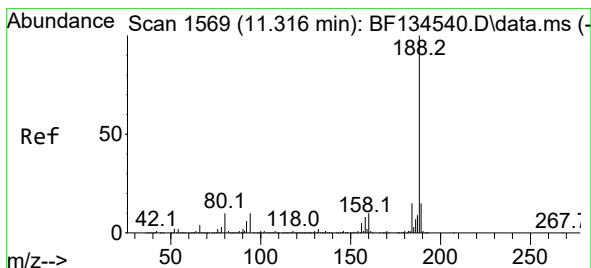
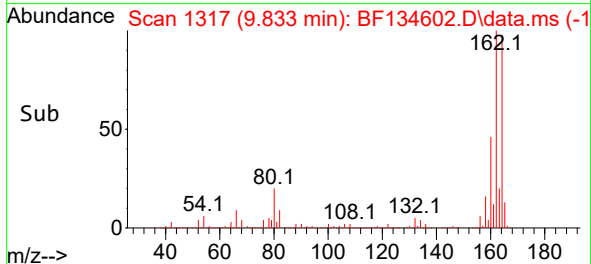
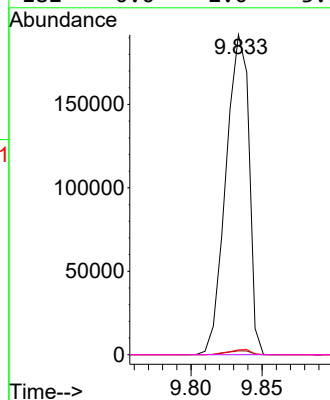
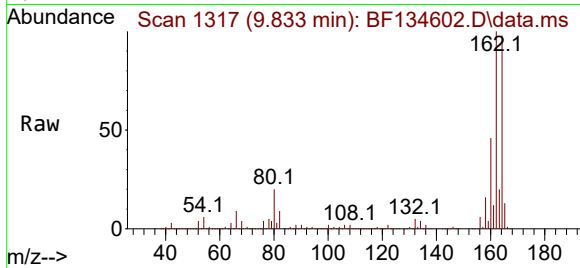




#57
2,4-Dinitrotoluene
Concen: 10.215 ng
RT: 9.833 min Scan# 11
Delta R.T. -0.183 min
Lab File: BF134602.D
Acq: 03 Aug 2023 09:54

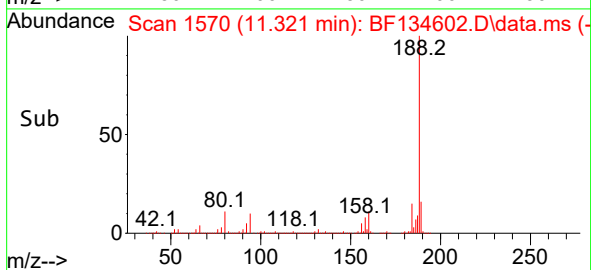
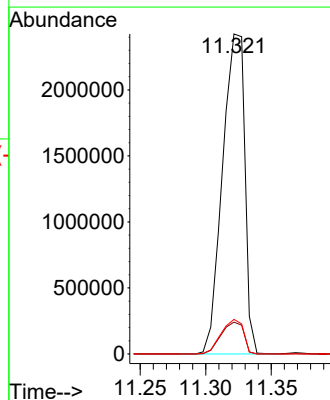
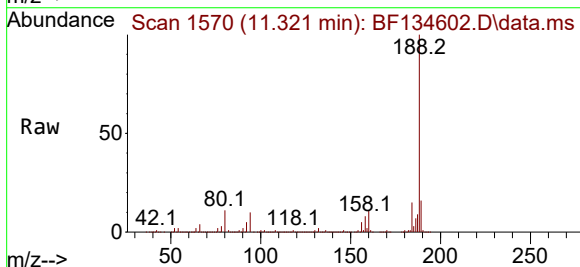
Instrument :
BNA_F
ClientSampleId :
SB-21-16-18-20230719RE

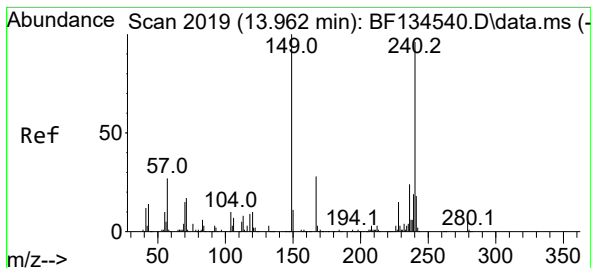
Tgt Ion:165 Resp: 216801
Ion Ratio Lower Upper
165 100
63 1.2 48.9 73.3#
89 1.5 61.7 92.5#
182 0.0 2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 1570
Delta R.T. 0.006 min
Lab File: BF134602.D
Acq: 03 Aug 2023 09:54

Tgt Ion:188 Resp: 2865663
Ion Ratio Lower Upper
188 100
94 9.9 5.1 7.7#
80 10.8 6.6 9.8#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF134602.D

Acq: 03 Aug 2023 09:54

Instrument :

BNA_F

ClientSampleId :

SB-21-16-18-20230719RE

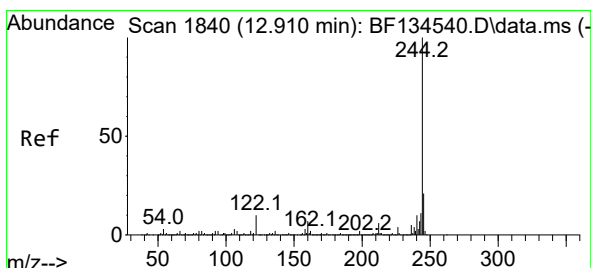
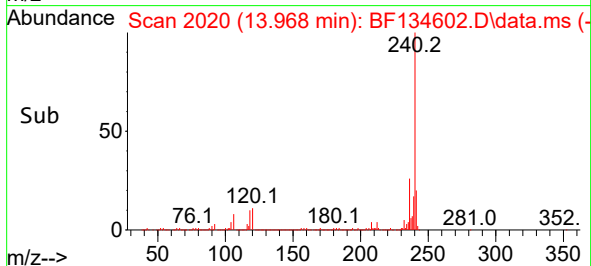
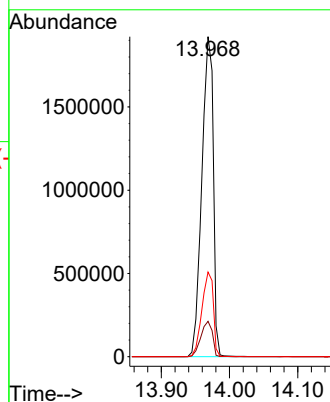
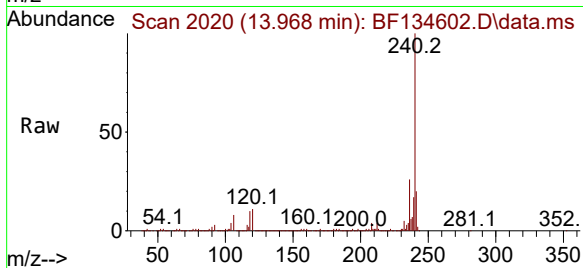
Tgt Ion:240 Resp: 2235321

Ion Ratio Lower Upper

240 100

120 11.1 6.6 10.0#

236 26.5 20.2 30.2



#79

Terphenyl-d14

Concen: 0.002 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF134602.D

Acq: 03 Aug 2023 09:54

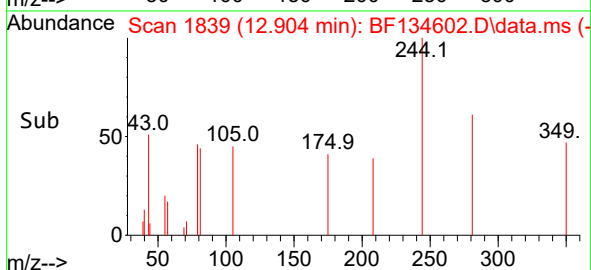
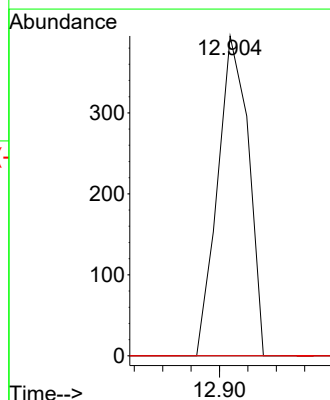
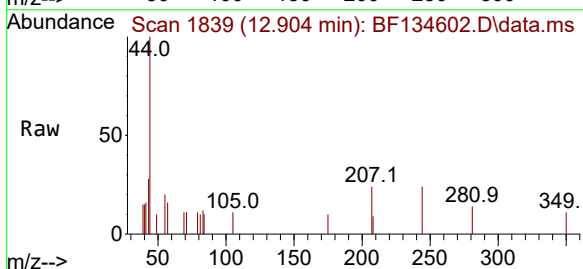
Tgt Ion:244 Resp: 298

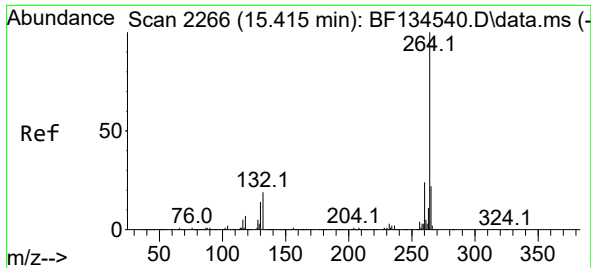
Ion Ratio Lower Upper

244 100

212 0.0 5.6 8.4#

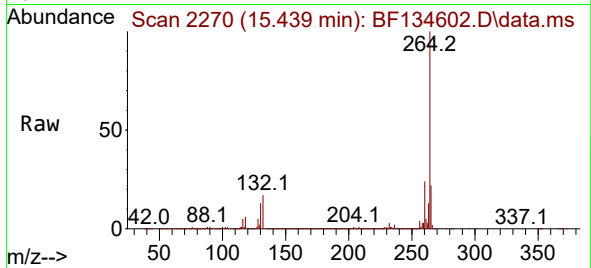
122 0.0 8.0 12.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BF134602.D
 Acq: 03 Aug 2023 09:54

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:264 Resp: 1986900

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.4	27.6
265	21.9	15.8	23.8

