

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081023\
 Data File : BF134702.D
 Acq On : 10 Aug 2023 10:35
 Operator : CG\JU
 Sample : PB154564BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154564BL

Quant Time: Aug 11 03:51:41 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	199366	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	795279	20.000	ng	# 0.00
39) Acenaphthene-d10	9.833	164	414612	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	806378	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	612479	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	489306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1549355	118.133	ng	0.02
7) Phenol-d6	6.445	99	1930177	115.129	ng	0.00
23) Nitrobenzene-d5	7.363	82	1250150	98.236	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	627411	148.444	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	2224009	89.188	ng	0.00
79) Terphenyl-d14	12.927	244	2785435	80.172	ng	0.00

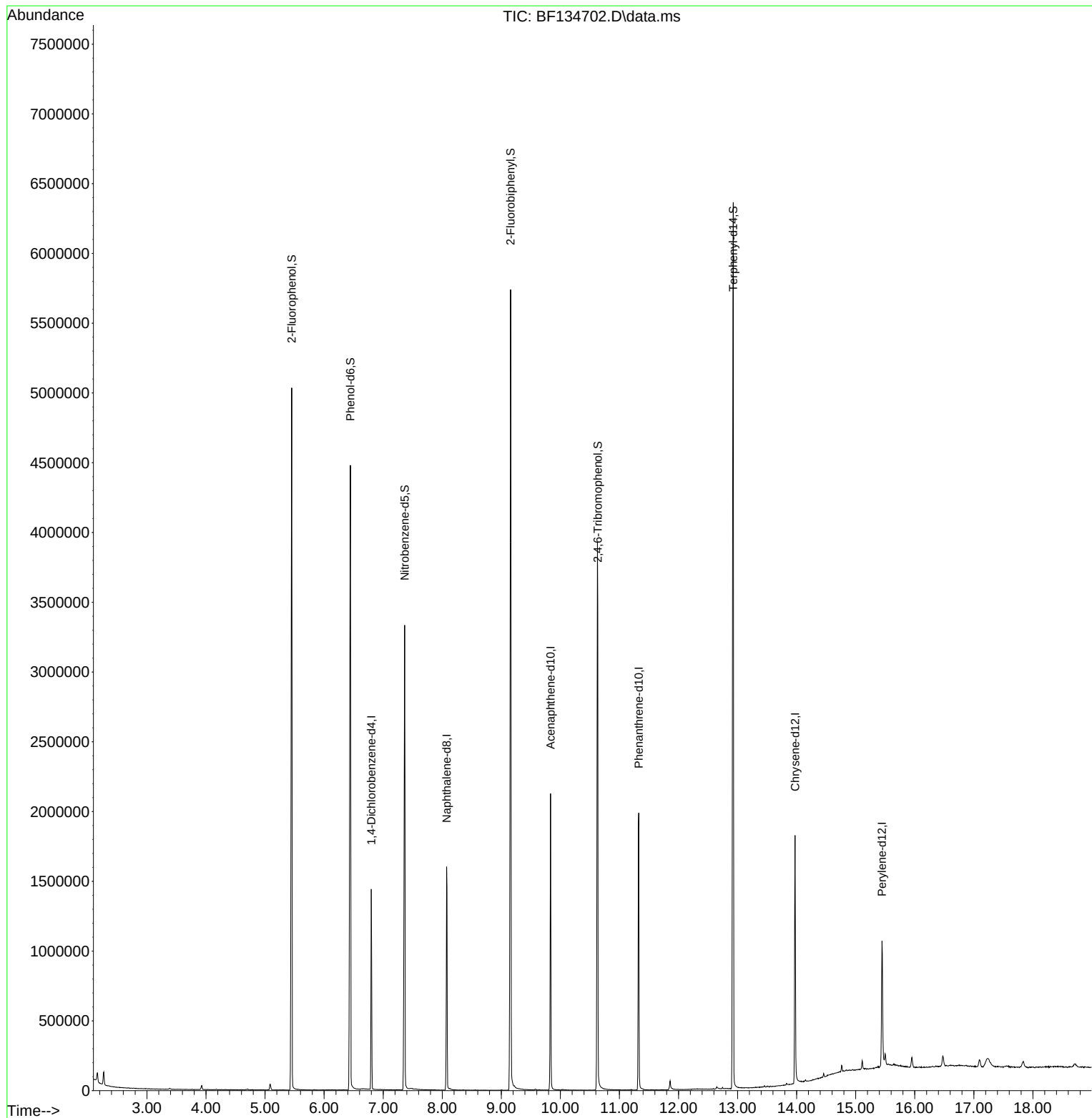
Target Compounds	Qvalue

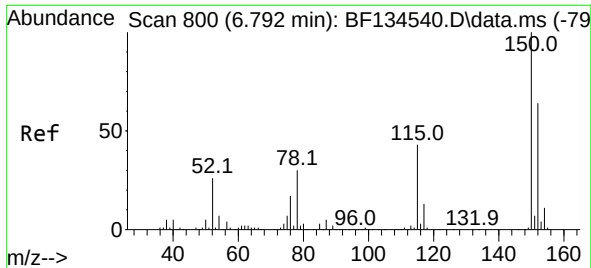
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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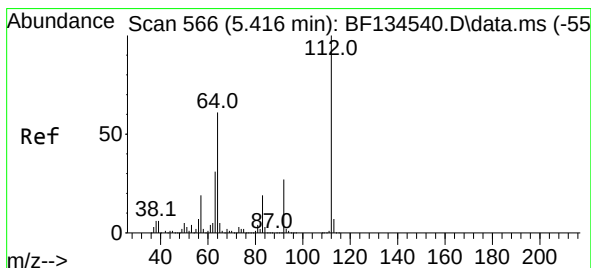
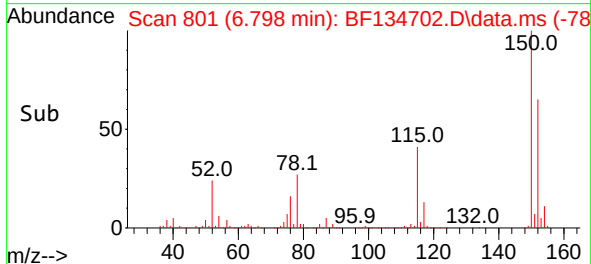
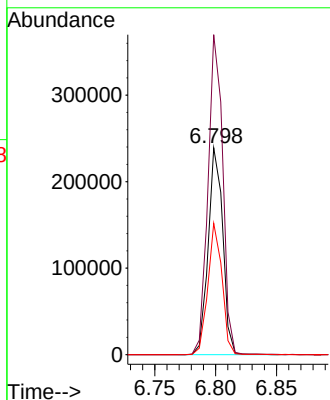
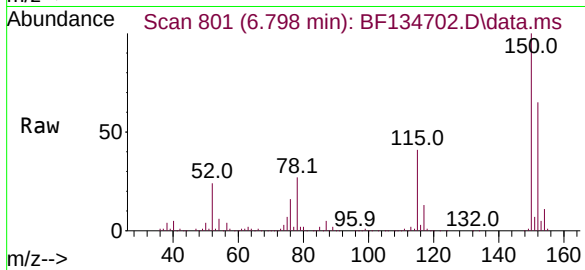




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

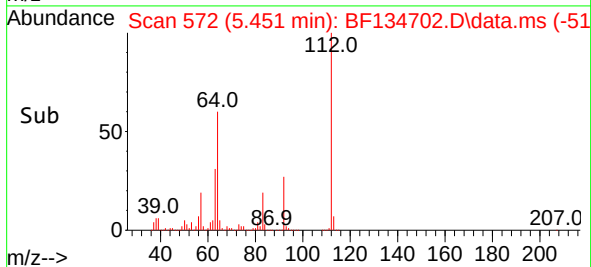
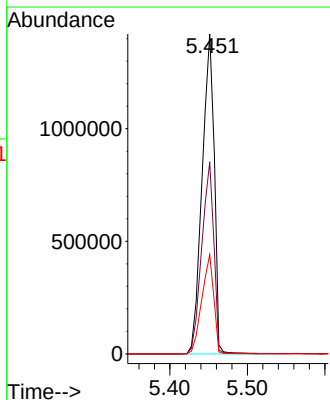
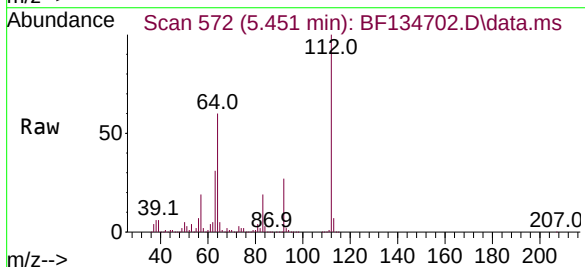
Instrument :
BNA_F
ClientSampleId :
PB154564BL

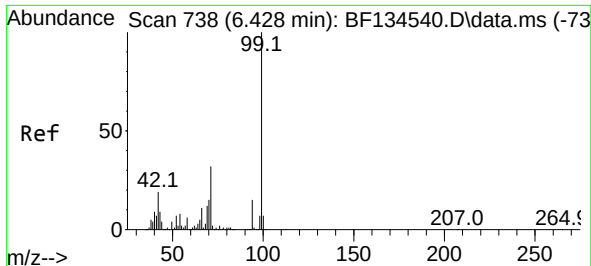
Tgt Ion:152 Resp: 199366
Ion Ratio Lower Upper
152 100
150 154.7 128.3 192.5
115 63.4 52.4 78.6



#5
2-Fluorophenol
Concen: 118.133 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.024 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

Tgt Ion:112 Resp: 1549355
Ion Ratio Lower Upper
112 100
64 60.0 44.9 67.3
63 31.0 25.4 38.0





#7

Phenol-d6

Concen: 115.129 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

Instrument :

BNA_F

ClientSampleId :

PB154564BL

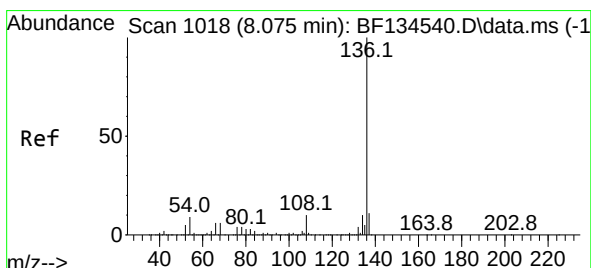
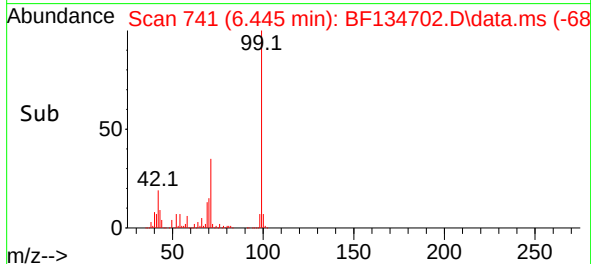
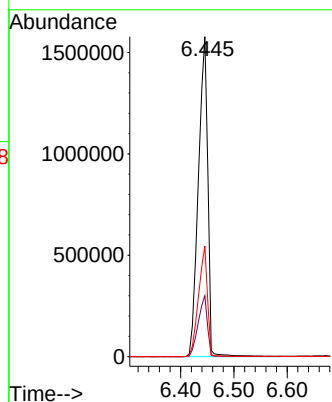
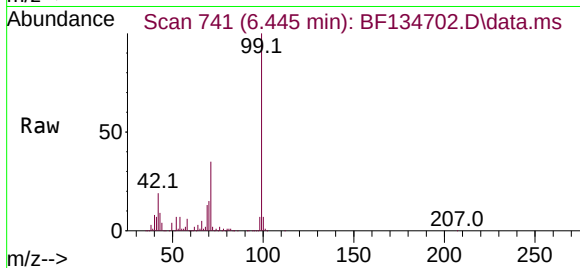
Tgt Ion: 99 Resp: 1930177

Ion Ratio Lower Upper

99 100

42 19.0 18.7 28.1

71 34.6 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: BF134702.D

Acq: 10 Aug 2023 10:35

Tgt Ion:136 Resp: 795279

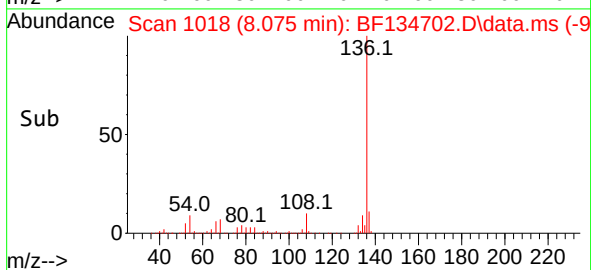
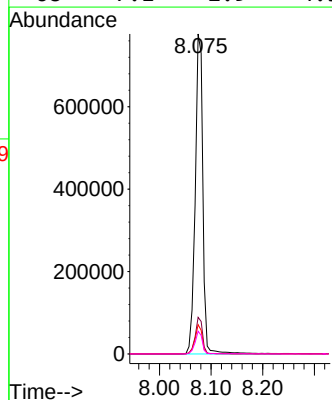
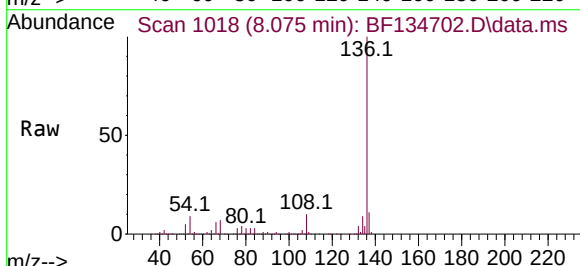
Ion Ratio Lower Upper

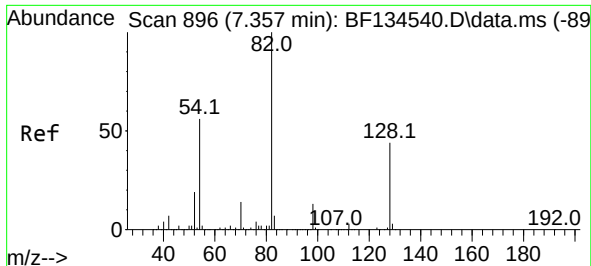
136 100

137 11.4 8.4 12.6

54 9.2 5.2 7.8#

68 7.1 2.9 4.3#





#23

Nitrobenzene-d5

Concen: 98.236 ng

RT: 7.363 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

Instrument :

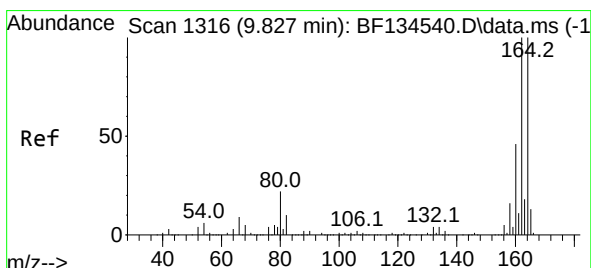
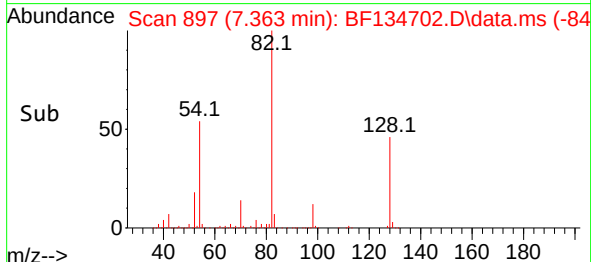
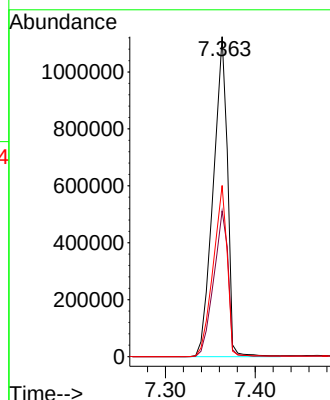
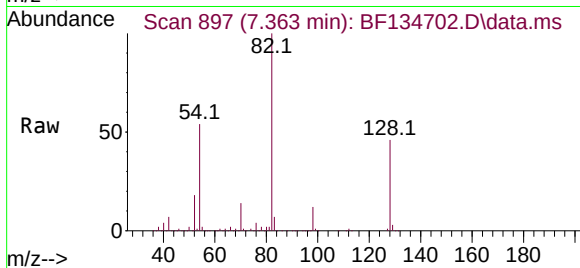
BNA_F

ClientSampleId :

PB154564BL

Tgt Ion: 82 Resp: 1250150

Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.3	51.5
54	53.5	43.8	65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

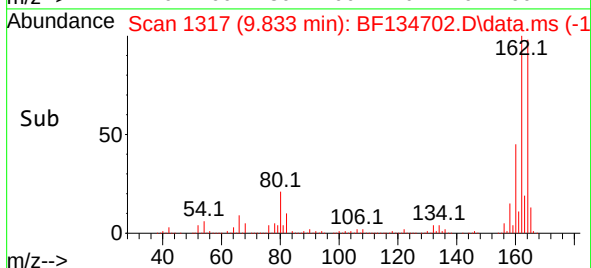
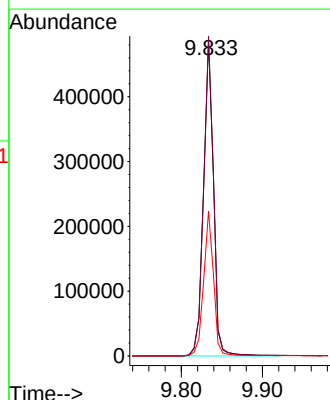
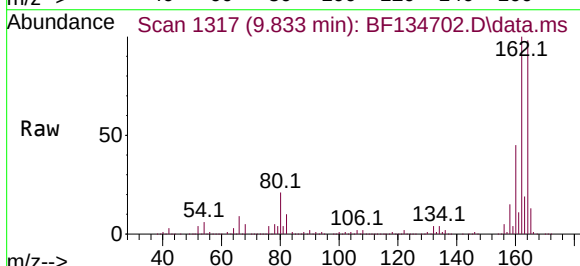
Delta R.T. 0.000 min

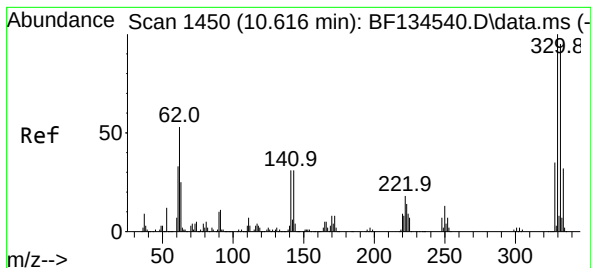
Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

Tgt Ion:164 Resp: 414612

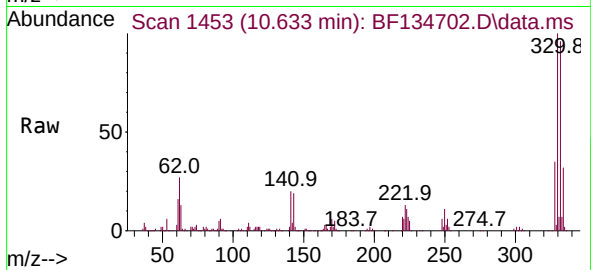
Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	46.0	37.2	55.8



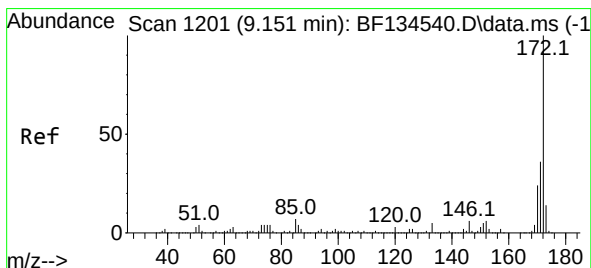
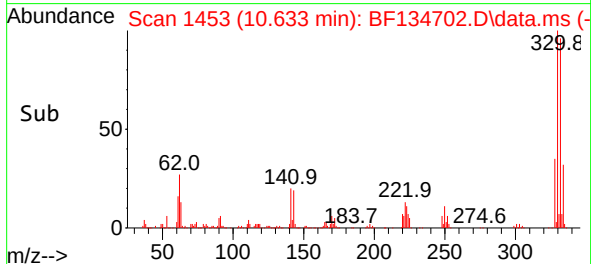
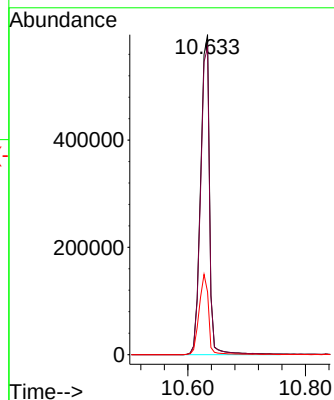


#42
2,4,6-Tribromophenol
Concen: 148.444 ng
RT: 10.633 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

Instrument :
BNA_F
ClientSampleId :
PB154564BL

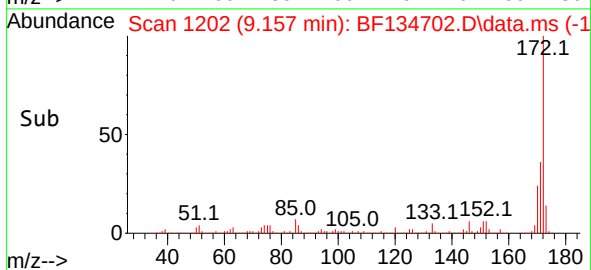
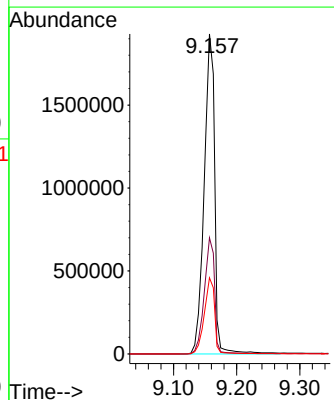
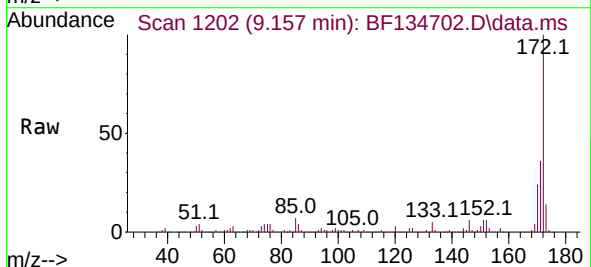


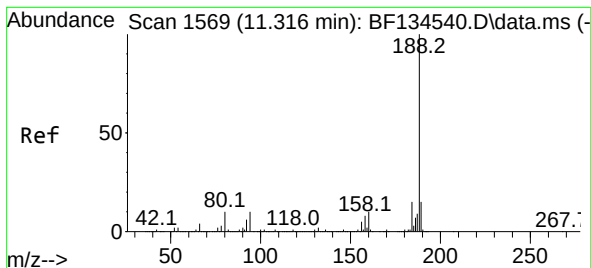
Tgt Ion:330 Resp: 627411
Ion Ratio Lower Upper
330 100
332 96.8 78.8 118.2
141 26.4 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 89.188 ng
RT: 9.157 min Scan# 1202
Delta R.T. -0.006 min
Lab File: BF134702.D
Acq: 10 Aug 2023 10:35

Tgt Ion:172 Resp: 2224009
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 23.8 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

Instrument :

BNA_F

ClientSampleId :

PB154564BL

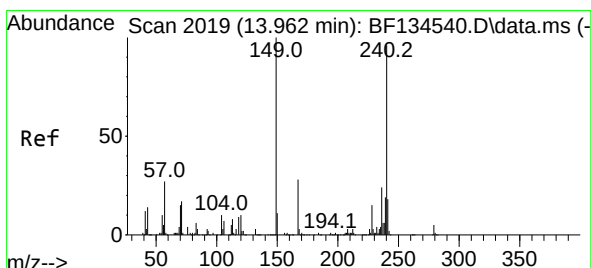
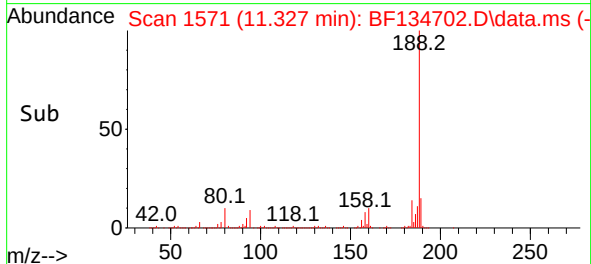
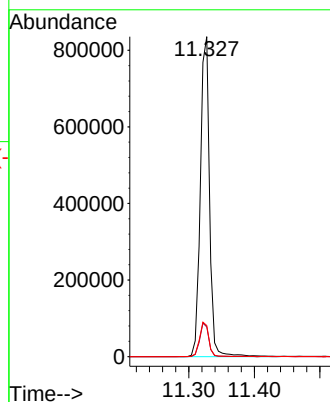
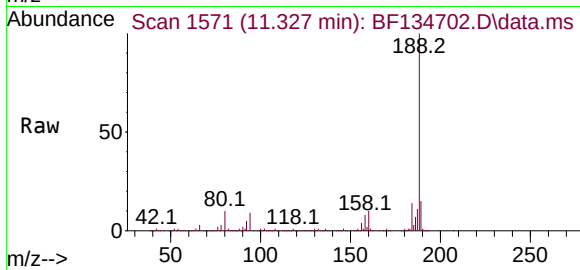
Tgt Ion:188 Resp: 806378

Ion Ratio Lower Upper

188 100

94 9.3 5.1 7.7#

80 9.7 6.6 9.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF134702.D

Acq: 10 Aug 2023 10:35

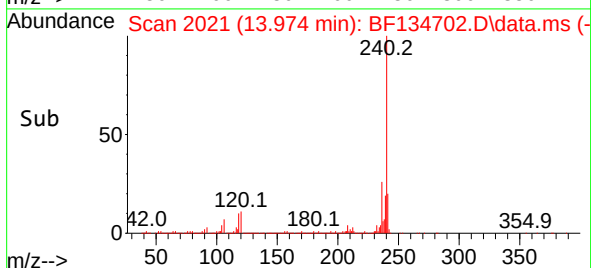
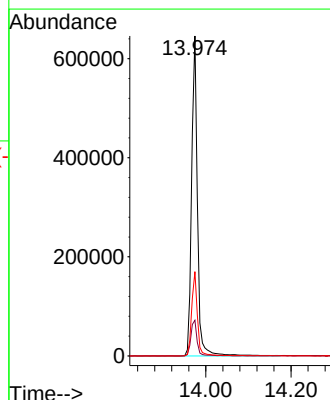
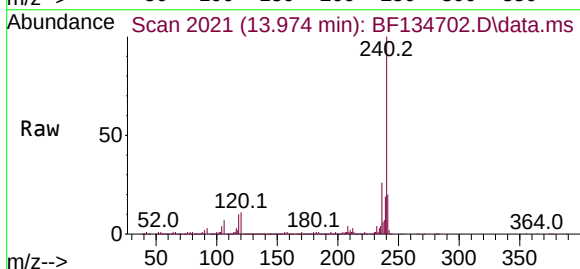
Tgt Ion:240 Resp: 612479

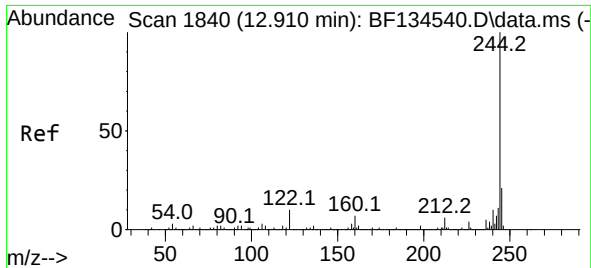
Ion Ratio Lower Upper

240 100

120 11.1 6.6 10.0#

236 26.3 20.2 30.2

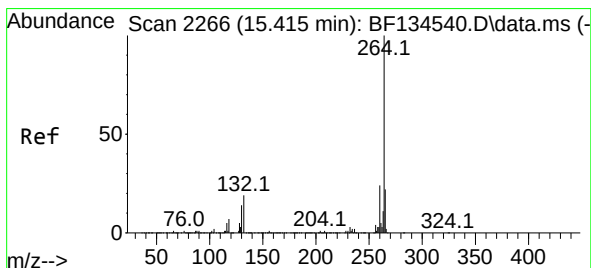
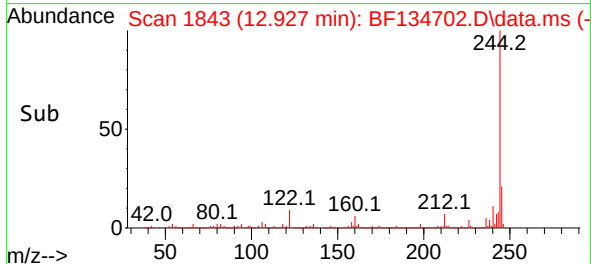
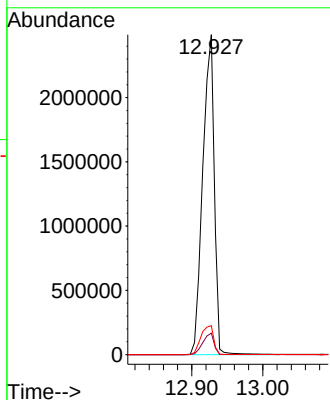
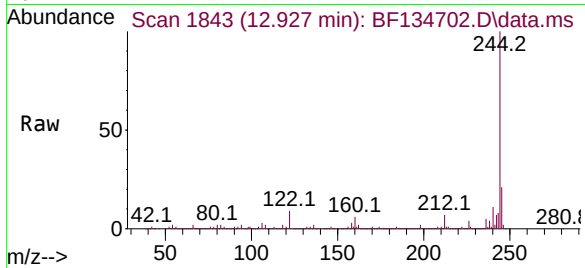




#79
 Terphenyl-d14
 Concen: 80.172 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF134702.D
 Acq: 10 Aug 2023 10:35

Instrument :
 BNA_F
 ClientSampleId :
 PB154564BL

Tgt Ion:244 Resp: 2785435
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 9.0 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.006 min
 Lab File: BF134702.D
 Acq: 10 Aug 2023 10:35

Tgt Ion:264 Resp: 489306
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.4 27.6
 265 21.4 15.8 23.8

