

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136446.D
 Acq On : 07 Dec 2023 14:46
 Operator : CG\JU
 Sample : 05623-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MEMG-CON

Quant Time: Dec 07 15:34:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

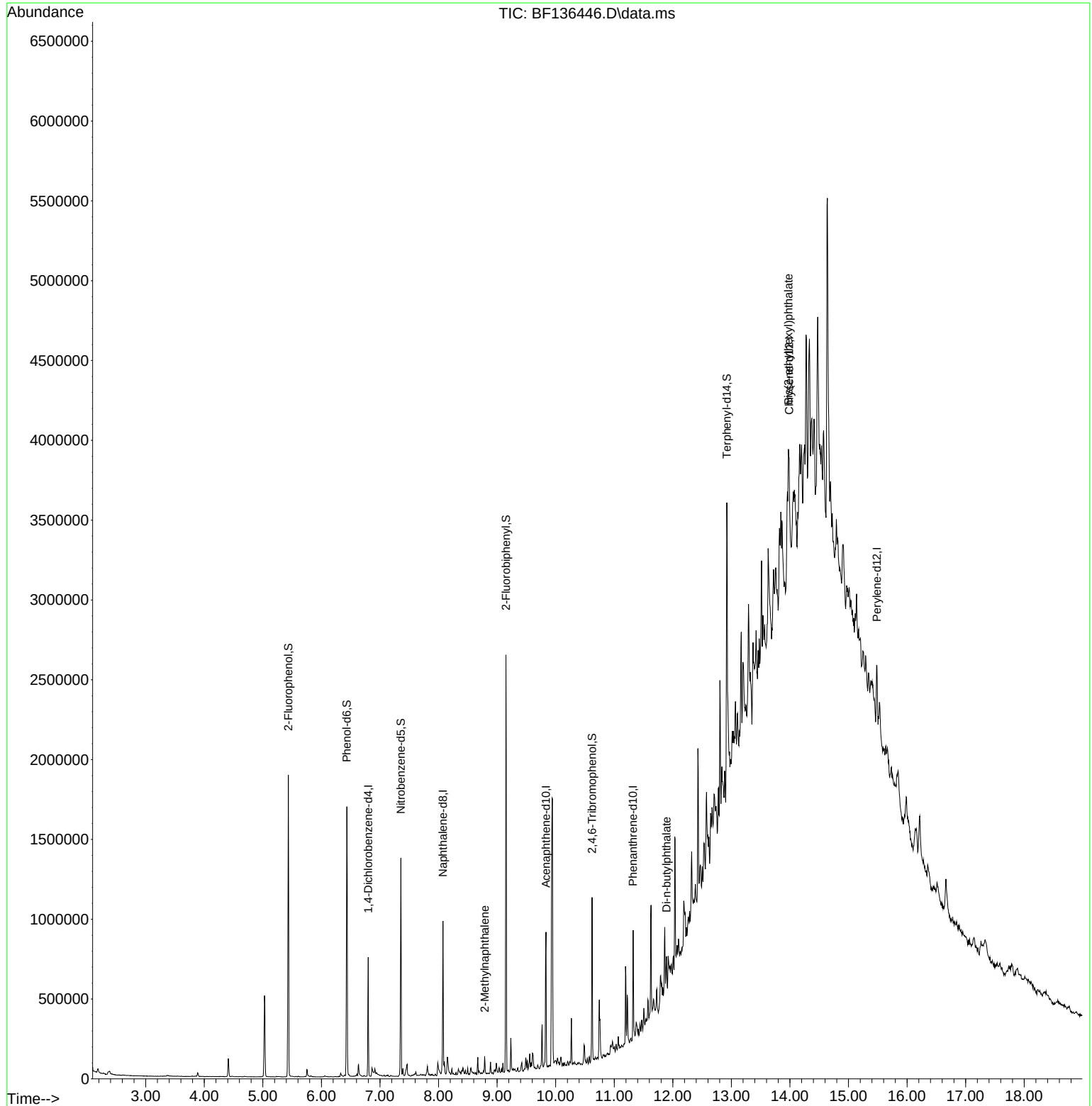
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	99545	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	382851	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	163056	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	230121	20.000	ng	0.00
76) Chrysene-d12	13.986	240	167388	20.000	ng	# 0.00
86) Perylene-d12	15.486	264	205863	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	500793	74.296	ng	0.00
7) Phenol-d6	6.434	99	637918	75.854	ng	-0.01
23) Nitrobenzene-d5	7.357	82	405444	57.251	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	119255	59.316	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	770478	64.476	ng	-0.01
79) Terphenyl-d14	12.922	244	570542	44.926	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	8.787	142	27279	2.031	ng	85
74) Di-n-butylphthalate	11.892	149	56754	4.106	ng	# 97
84) Bis(2-ethylhexyl)phtha...	13.974	149	166526	23.277	ng	# 92

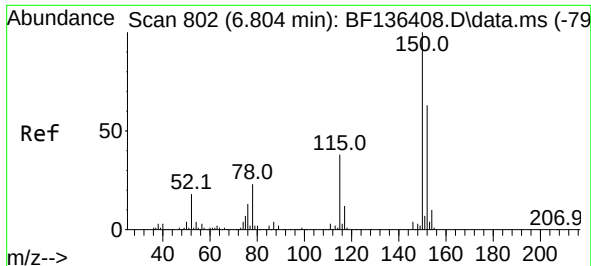
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 07 15:34:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

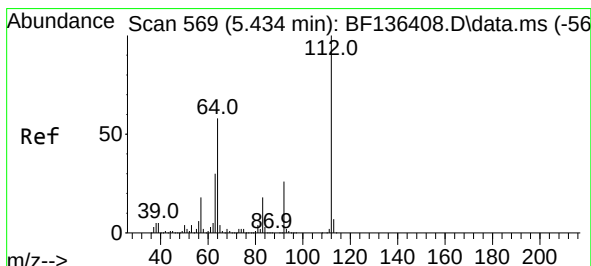
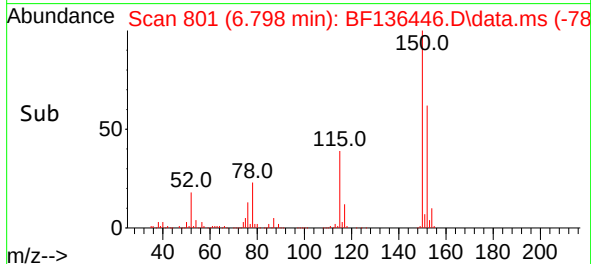
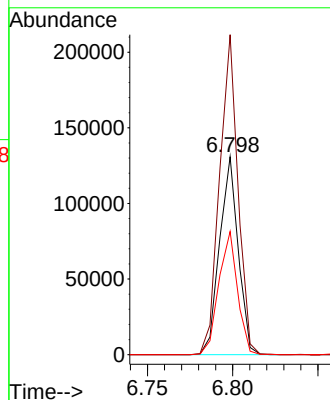
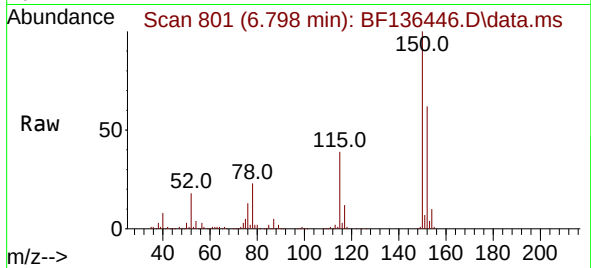




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF136446.D
Acq: 07 Dec 2023 14:46

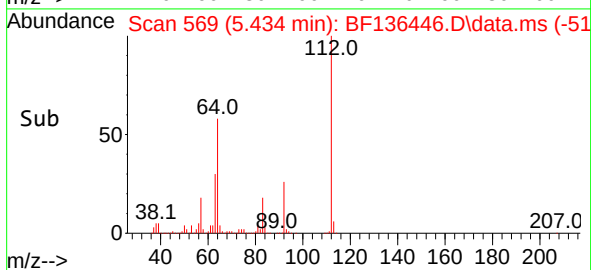
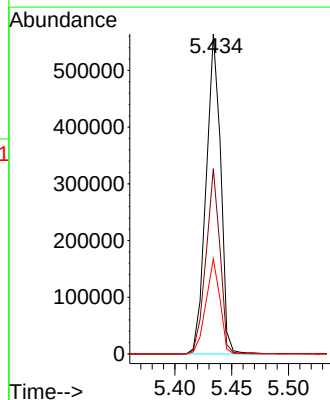
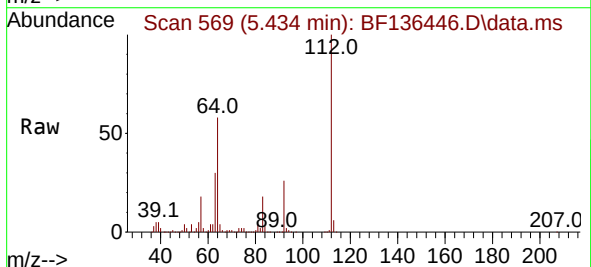
Instrument :
BNA_F
ClientSampleId :
MEMG-CON

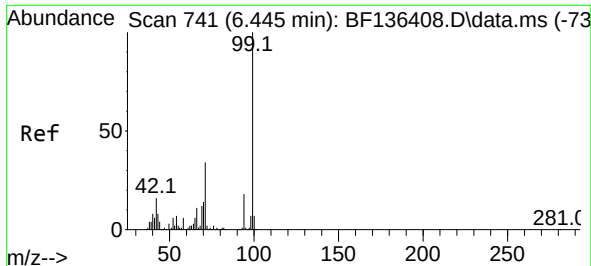
Tgt Ion:152 Resp: 99545
Ion Ratio Lower Upper
152 100
150 161.6 126.4 189.6
115 62.3 48.2 72.4



#5
2-Fluorophenol
Concen: 74.296 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136446.D
Acq: 07 Dec 2023 14:46

Tgt Ion:112 Resp: 500793
Ion Ratio Lower Upper
112 100
64 57.9 46.5 69.7
63 29.6 23.9 35.9

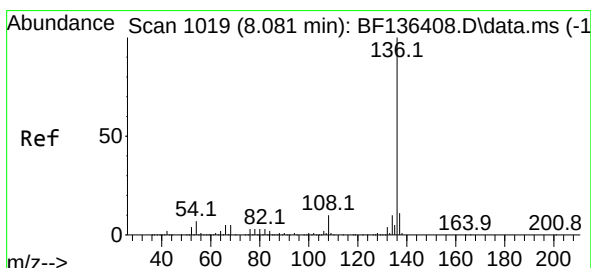
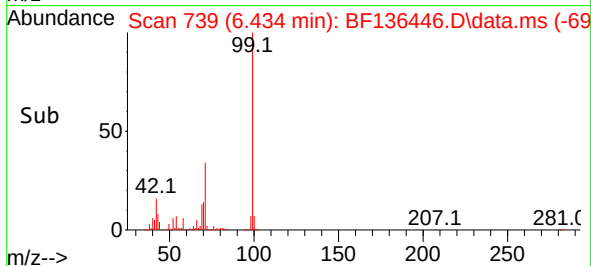
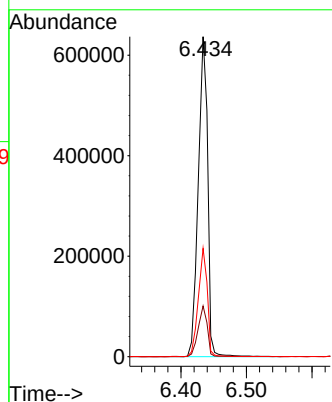
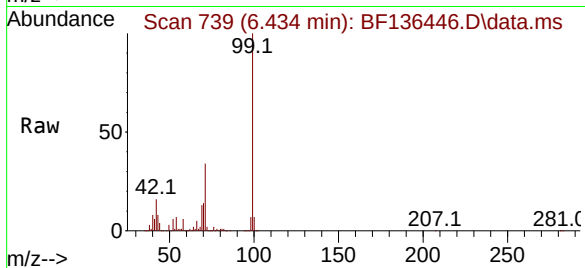




#7
Phenol-d6
Concen: 75.854 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136446.D
Acq: 07 Dec 2023 14:46

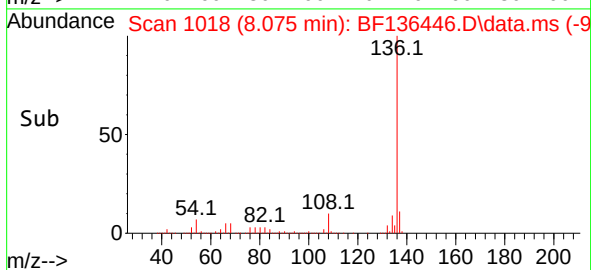
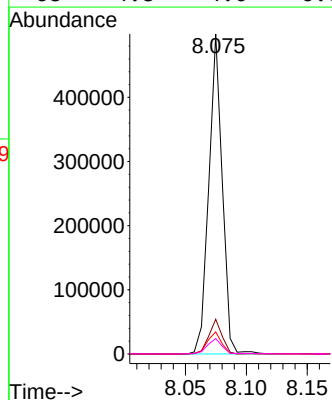
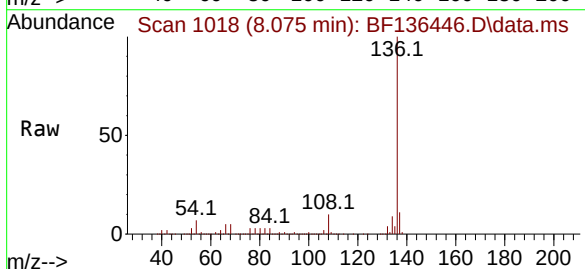
Instrument :
BNA_F
ClientSampleId :
MEMG-CON

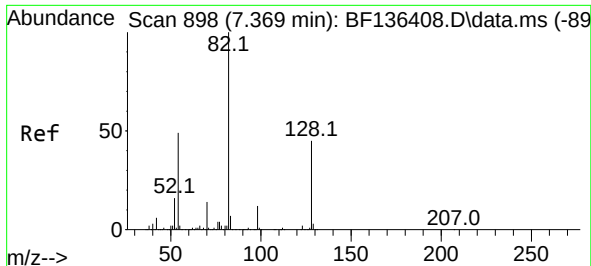
Tgt Ion: 99 Resp: 637918
Ion Ratio Lower Upper
99 100
42 15.9 12.8 19.2
71 33.9 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136446.D
Acq: 07 Dec 2023 14:46

Tgt Ion: 136 Resp: 382851
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.9 5.7 8.5
68 4.8 4.0 6.0





#23

Nitrobenzene-d5

Concen: 57.251 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136446.D

Acq: 07 Dec 2023 14:46

Instrument :

BNA_F

ClientSampleId :

MEMG-CON

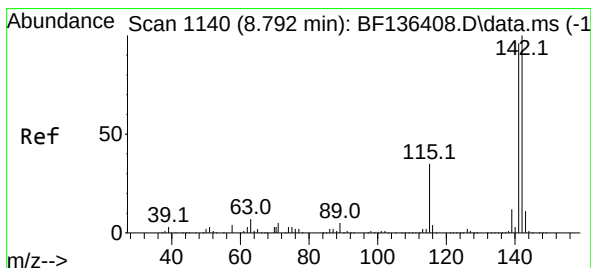
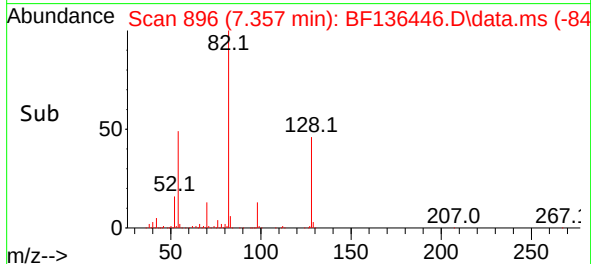
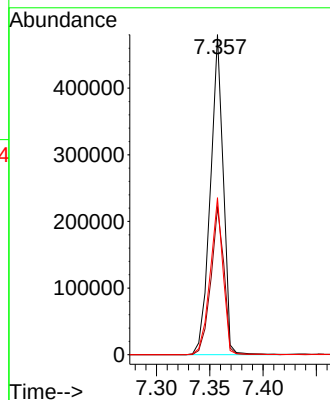
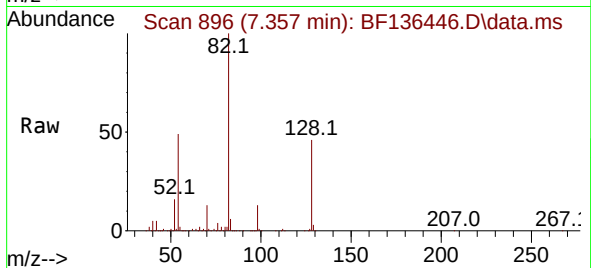
Tgt Ion: 82 Resp: 405444

Ion Ratio Lower Upper

82 100

128 46.0 36.3 54.5

54 49.1 39.0 58.6



#37

2-Methylnaphthalene

Concen: 2.031 ng

RT: 8.787 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136446.D

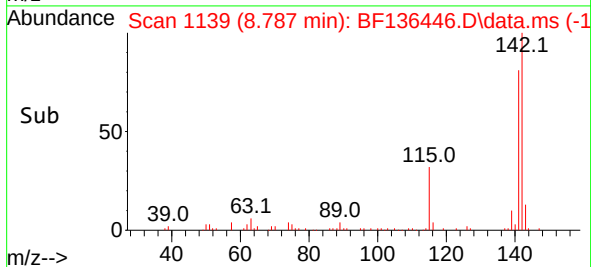
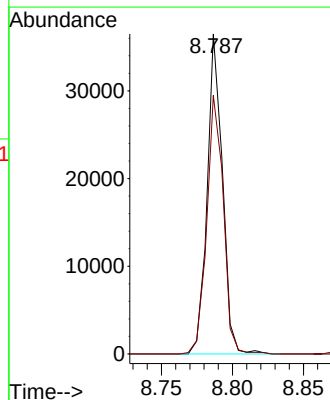
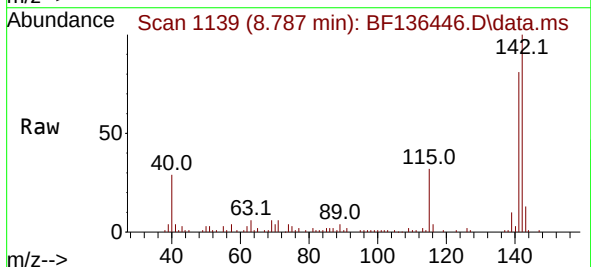
Acq: 07 Dec 2023 14:46

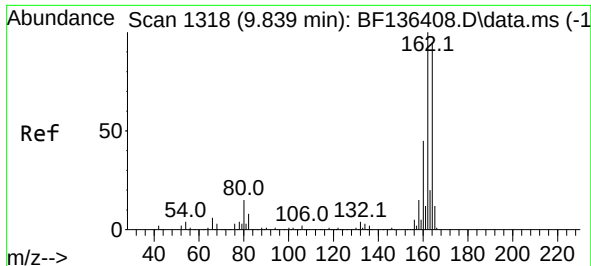
Tgt Ion: 142 Resp: 27279

Ion Ratio Lower Upper

142 100

141 80.8 76.4 114.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136446.D

Acq: 07 Dec 2023 14:46

Instrument :

BNA_F

ClientSampleId :

MEMG-CON

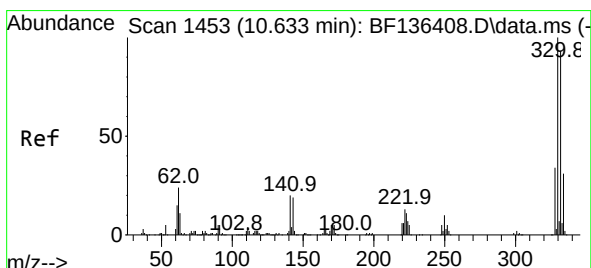
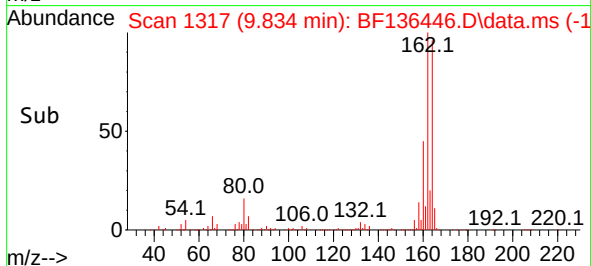
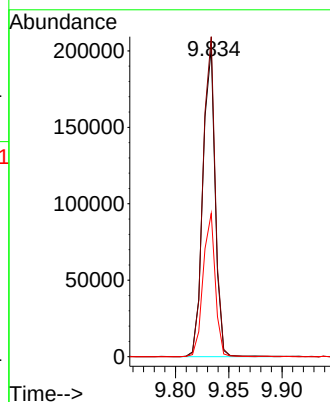
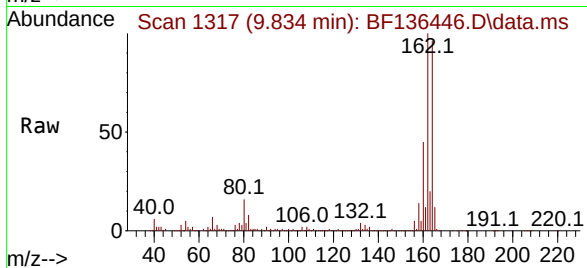
Tgt Ion:164 Resp: 163056

Ion Ratio Lower Upper

164 100

162 103.7 84.4 126.6

160 46.4 37.6 56.4



#42

2,4,6-Tribromophenol

Concen: 59.316 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136446.D

Acq: 07 Dec 2023 14:46

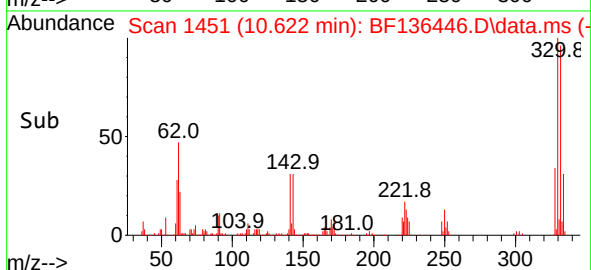
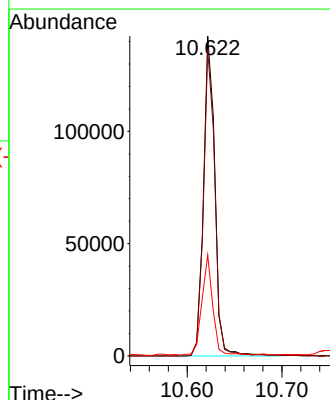
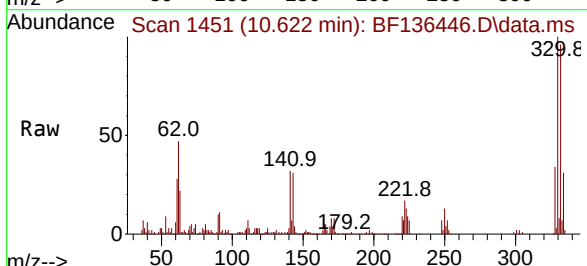
Tgt Ion:330 Resp: 119255

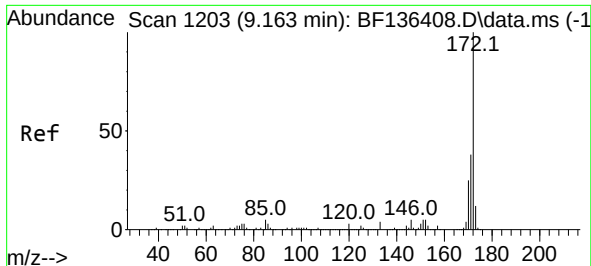
Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

141 29.7 23.4 35.2

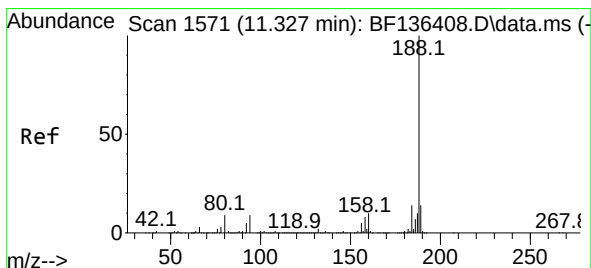
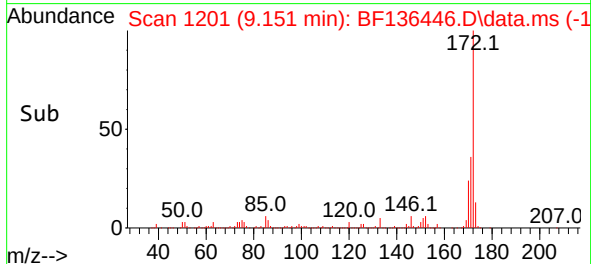
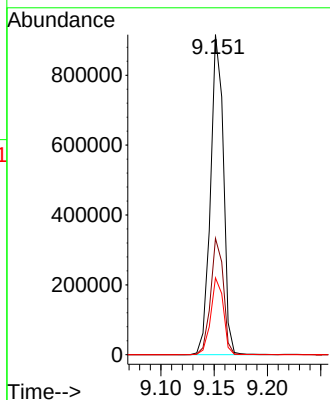
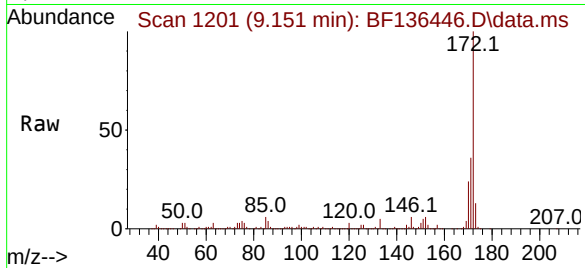




#45
2-Fluorobiphenyl
Concen: 64.476 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136446.D
Acq: 07 Dec 2023 14:46

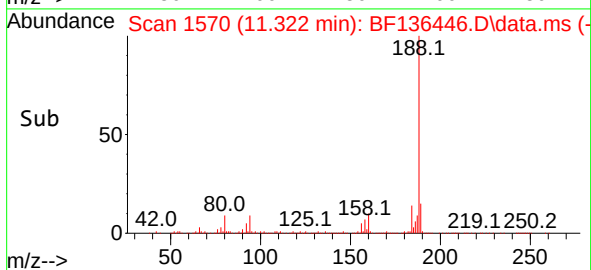
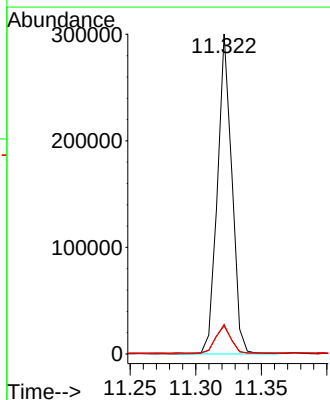
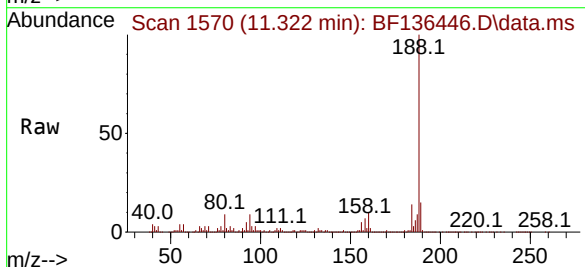
Instrument :
BNA_F
ClientSampleId :
MEMG-CON

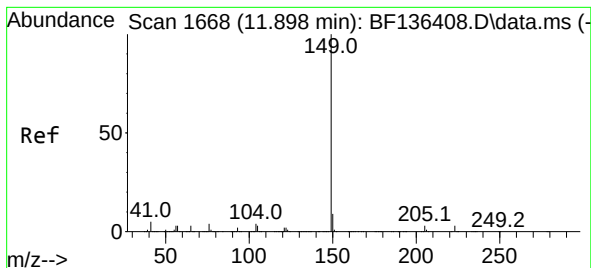
Tgt Ion:172 Resp: 770478
Ion Ratio Lower Upper
172 100
171 36.3 30.5 45.7
170 24.0 19.9 29.9



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF136446.D
Acq: 07 Dec 2023 14:46

Tgt Ion:188 Resp: 230121
Ion Ratio Lower Upper
188 100
94 8.7 7.2 10.8
80 9.2 7.2 10.8





#74

Di-n-butylphthalate

Concen: 4.106 ng

RT: 11.892 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136446.D

Acq: 07 Dec 2023 14:46

Instrument :

BNA_F

ClientSampleId :

MEMG-CON

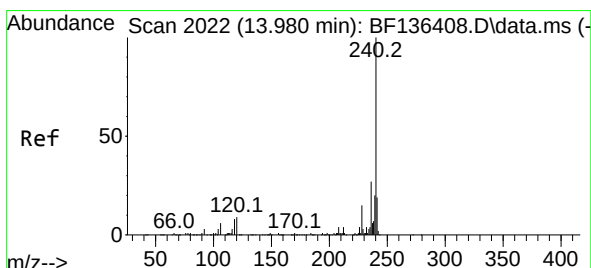
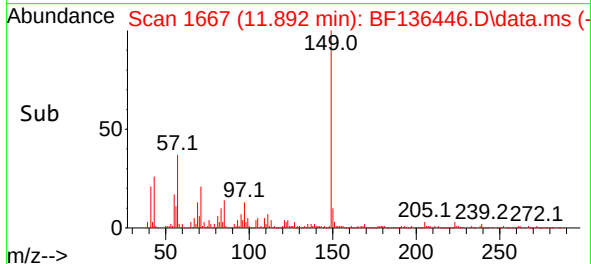
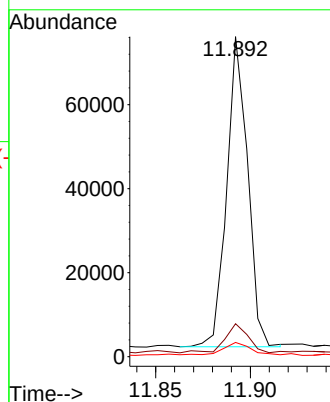
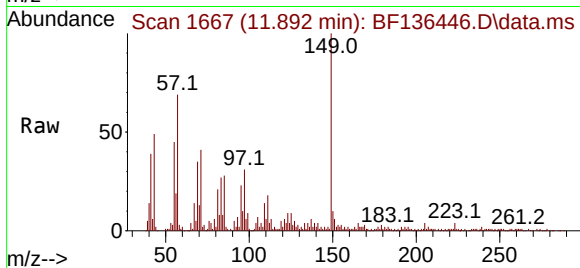
Tgt Ion:149 Resp: 56754

Ion Ratio Lower Upper

149 100

150 10.3 6.9 10.3#

104 4.4 3.5 5.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF136446.D

Acq: 07 Dec 2023 14:46

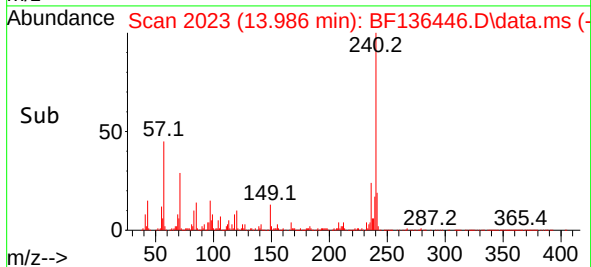
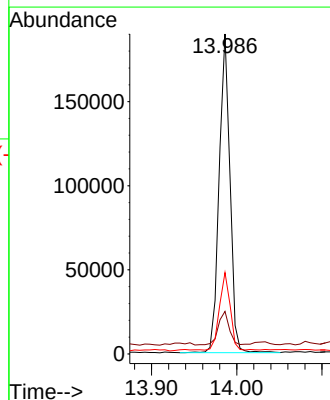
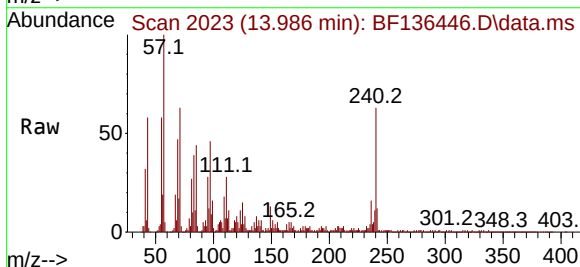
Tgt Ion:240 Resp: 167388

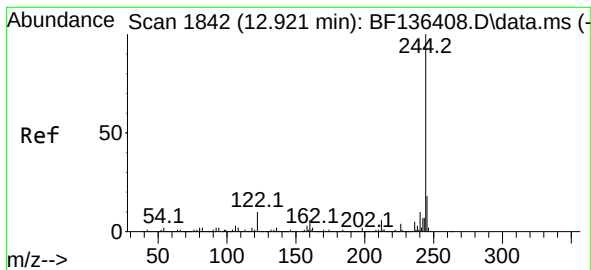
Ion Ratio Lower Upper

240 100

120 13.3 7.3 10.9#

236 25.5 21.3 31.9





#79

Terphenyl-d14

Concen: 44.926 ng

RT: 12.922 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136446.D

Acq: 07 Dec 2023 14:46

Instrument :

BNA_F

ClientSampleId :

MEMG-CON

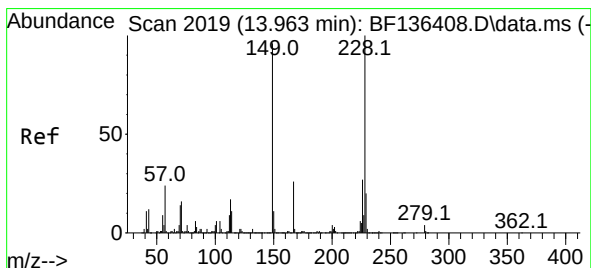
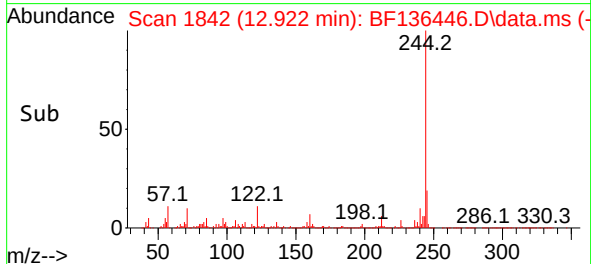
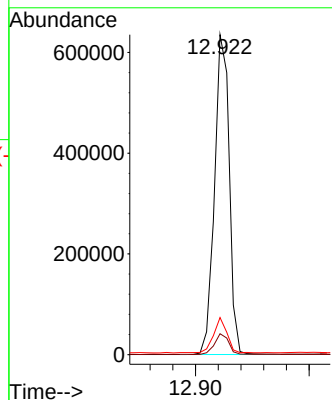
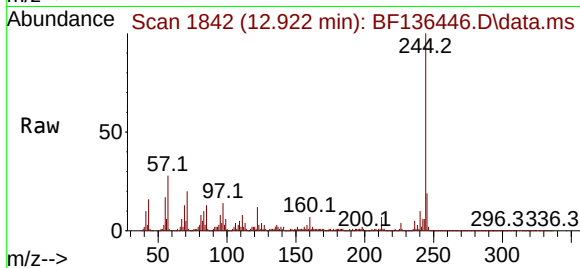
Tgt Ion:244 Resp: 570542

Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 11.6 8.3 12.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 23.277 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.012 min

Lab File: BF136446.D

Acq: 07 Dec 2023 14:46

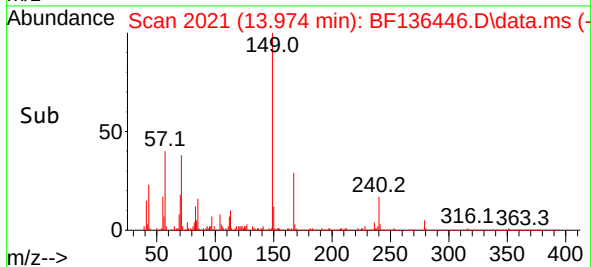
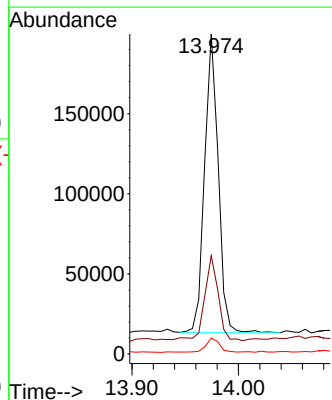
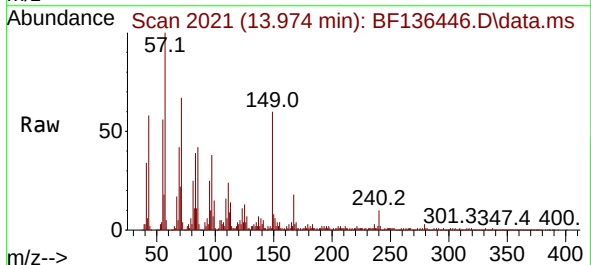
Tgt Ion:149 Resp: 166526

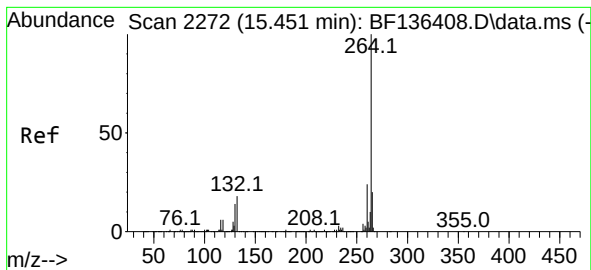
Ion Ratio Lower Upper

149 100

167 30.7 21.2 31.8

279 5.0 3.1 4.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF136446.D
Acq: 07 Dec 2023 14:46

Instrument :
BNA_F
ClientSampleId :
MEMG-CON

Tgt Ion:264 Resp: 205863

Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	21.9	15.9	23.9

