

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
 Data File : BF136520.D
 Acq On : 12 Dec 2023 17:21
 Operator : CG\JU
 Sample : 05740-01 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24328

Quant Time: Dec 12 17:40:51 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)

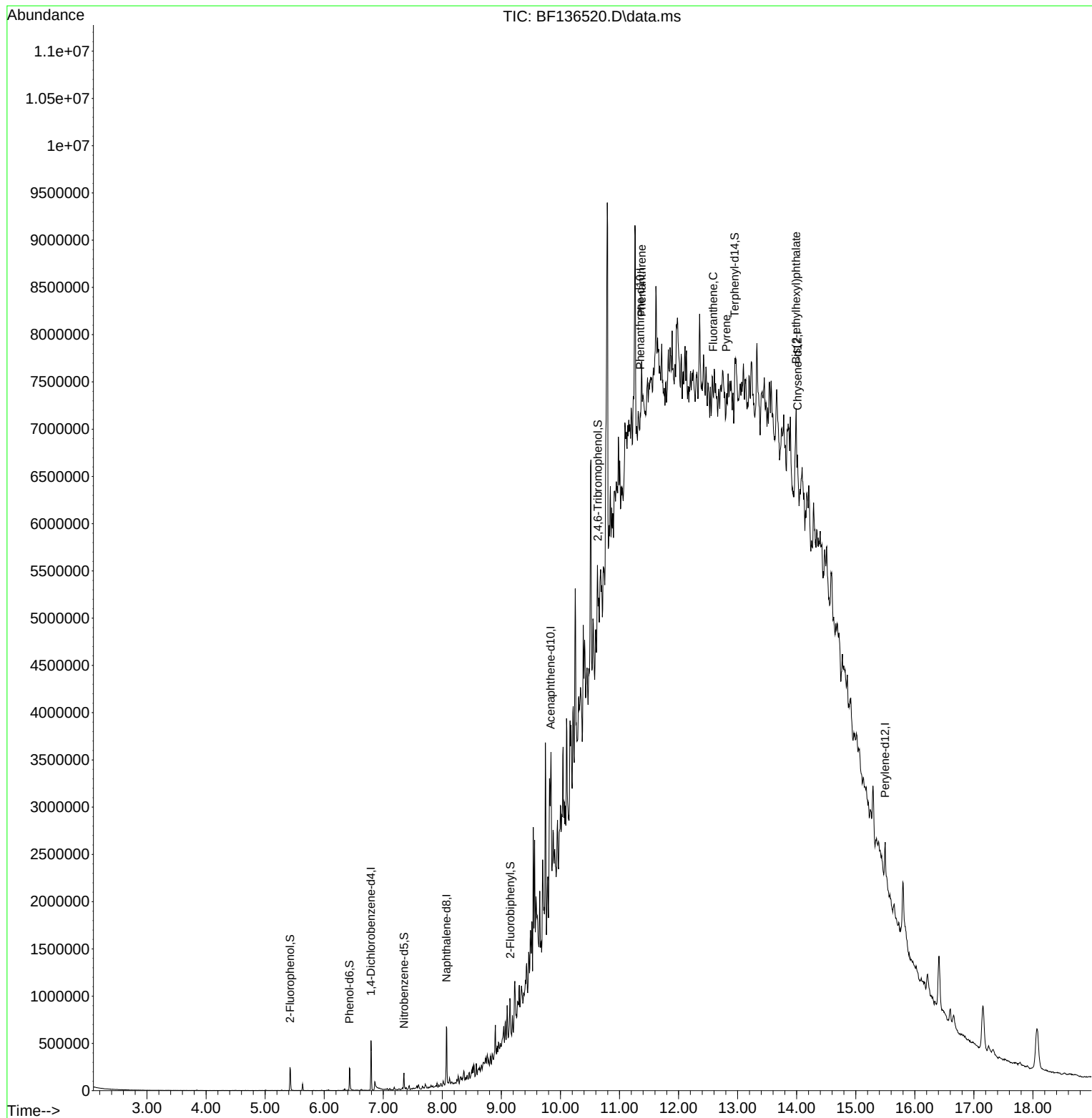
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	75541	20.000	ng	-0.01
21) Naphthalene-d8	8.069	136	271340	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	112329	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	146660	20.000	ng	# 0.02
76) Chrysene-d12	14.015	240	145665	20.000	ng	# 0.04
86) Perylene-d12	15.498	264	194443	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	71614	14.001	ng	-0.01
7) Phenol-d6	6.428	99	88503	13.868	ng	-0.02
23) Nitrobenzene-d5	7.351	82	50349	10.031	ng	-0.02
42) 2,4,6-Tribromophenol	10.633	330	16167	11.673	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	97075	11.792	ng	-0.01
79) Terphenyl-d14	12.951	244	77133	6.979	ng	0.03
Target Compounds						
						Qvalue
71) Phenanthrene	11.374	178	169903	21.077	ng	# 69
75) Fluoranthene	12.586	202	37846	4.480	ng	# 34
78) Pyrene	12.810	202	39313	2.756	ng	# 60
84) Bis(2-ethylhexyl)phtha...	13.992	149	300739	48.307	ng	# 92

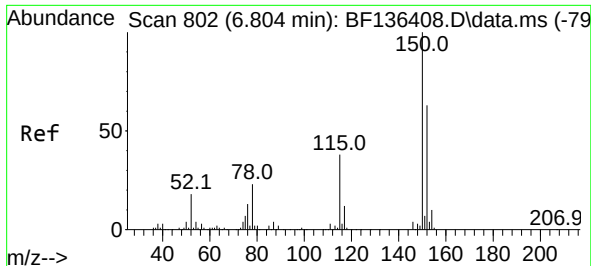
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121223\
Data File : BF136520.D
Acq On : 12 Dec 2023 17:21
Operator : CG\JU
Sample : 05740-01 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CHRT-24328

Quant Time: Dec 12 17:40:51 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

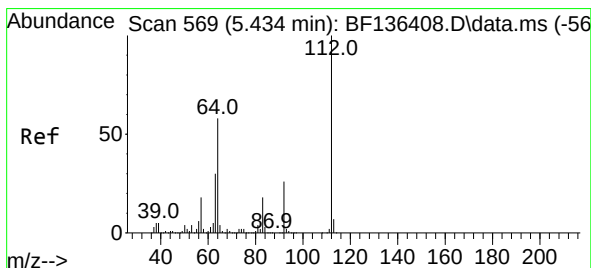
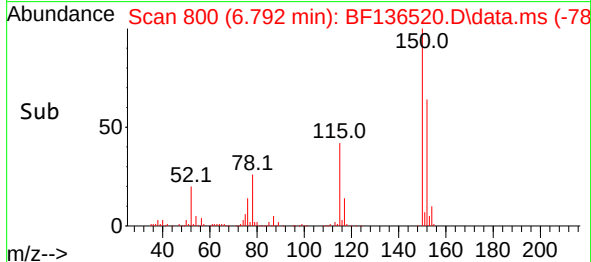
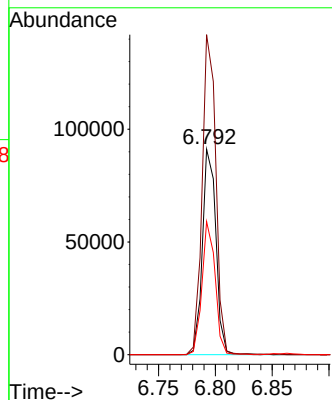
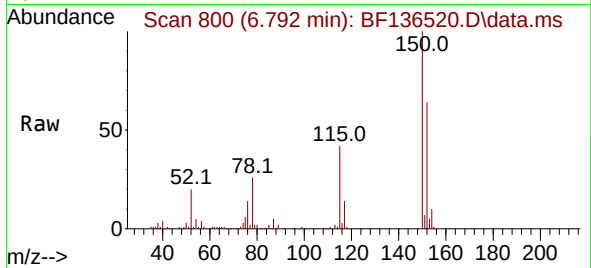




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.792 min Scan# 802
 Delta R.T. -0.012 min
 Lab File: BF136520.D
 Acq: 12 Dec 2023 17:21

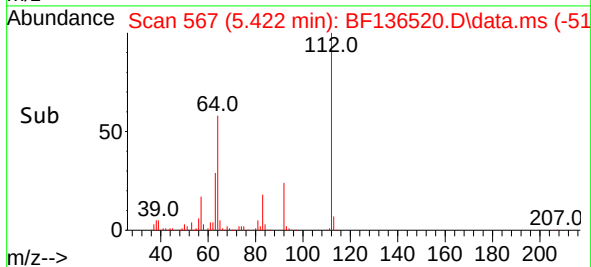
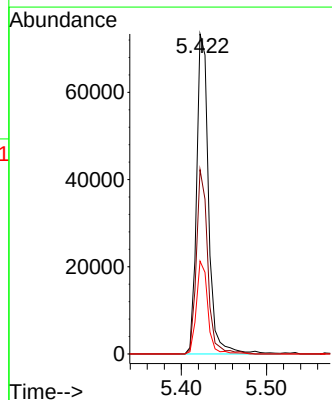
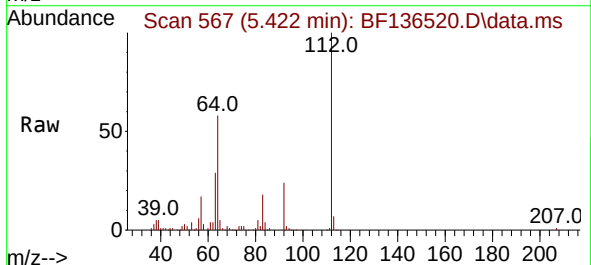
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24328

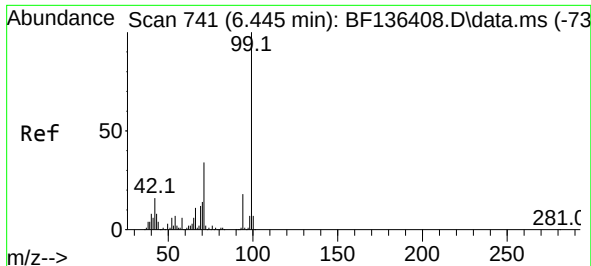
Tgt Ion:152 Resp: 75541
 Ion Ratio Lower Upper
 152 100
 150 155.7 126.4 189.6
 115 64.8 48.2 72.4



#5
 2-Fluorophenol
 Concen: 14.001 ng
 RT: 5.422 min Scan# 567
 Delta R.T. -0.012 min
 Lab File: BF136520.D
 Acq: 12 Dec 2023 17:21

Tgt Ion:112 Resp: 71614
 Ion Ratio Lower Upper
 112 100
 64 57.6 46.5 69.7
 63 29.0 23.9 35.9

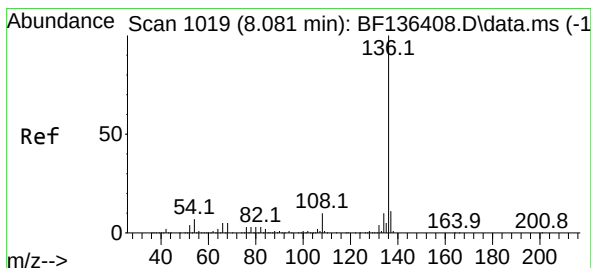
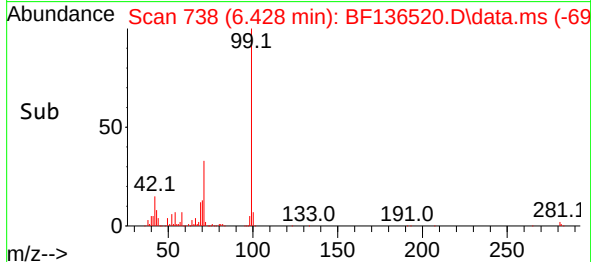
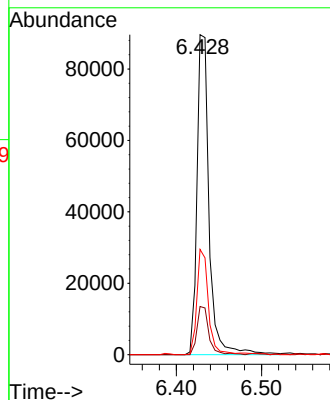
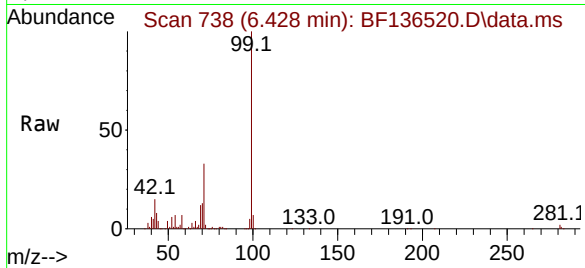




#7
Phenol-d6
Concen: 13.868 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136520.D
Acq: 12 Dec 2023 17:21

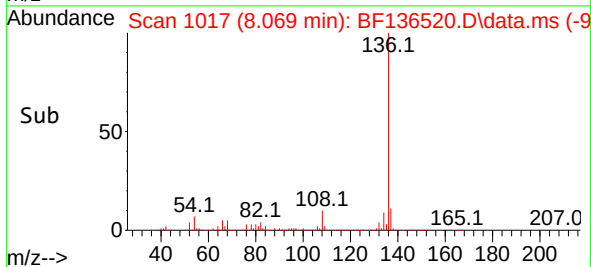
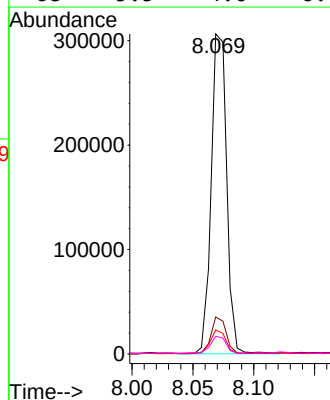
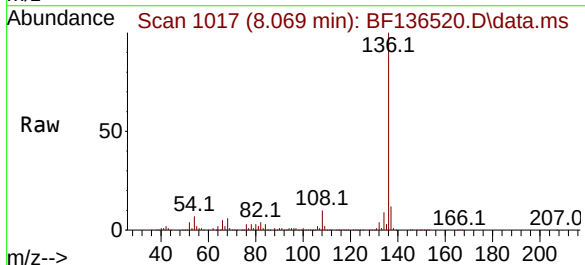
Instrument :
BNA_F
ClientSampleId :
CHRT-24328

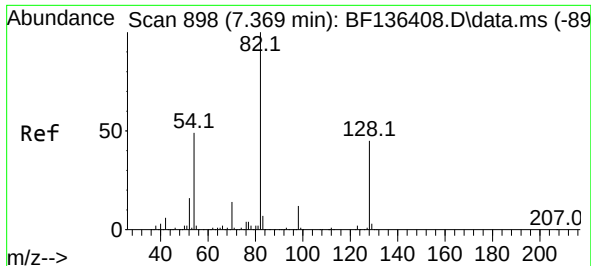
Tgt Ion: 99 Resp: 88503
Ion Ratio Lower Upper
99 100
42 15.1 12.8 19.2
71 32.9 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF136520.D
Acq: 12 Dec 2023 17:21

Tgt Ion: 136 Resp: 271340
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 7.5 5.7 8.5
68 5.5 4.0 6.0





#23

Nitrobenzene-d5

Concen: 10.031 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.018 min

Lab File: BF136520.D

Acq: 12 Dec 2023 17:21

Instrument :

BNA_F

ClientSampleId :

CHRT-24328

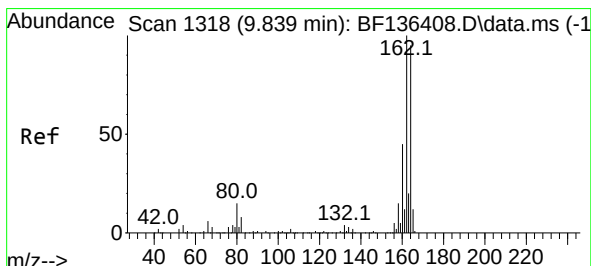
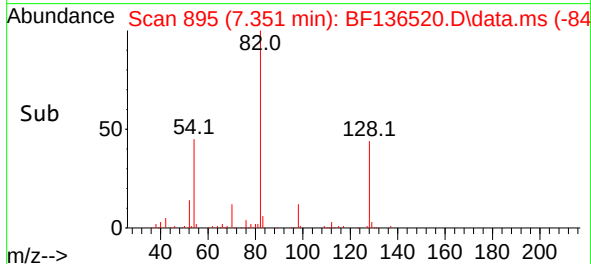
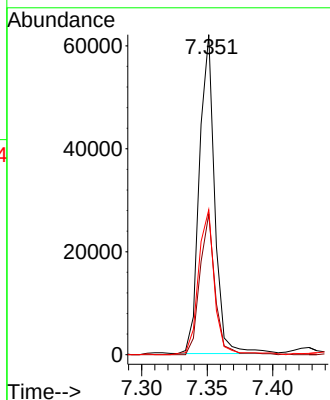
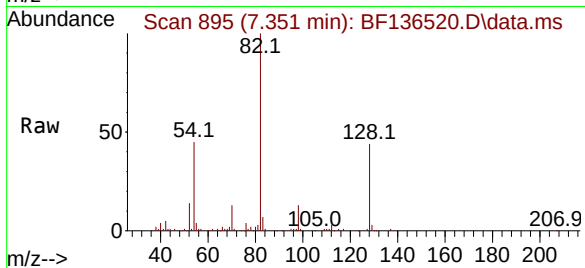
Tgt Ion: 82 Resp: 50349

Ion Ratio Lower Upper

82 100

128 43.9 36.3 54.5

54 45.3 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.833 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136520.D

Acq: 12 Dec 2023 17:21

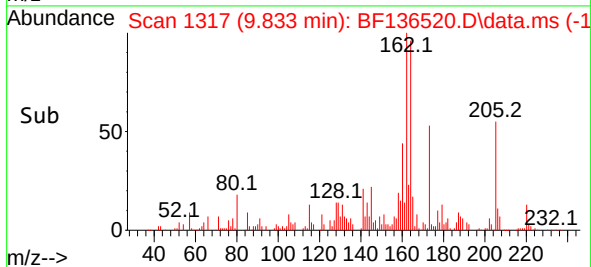
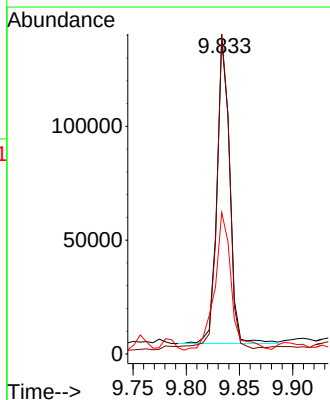
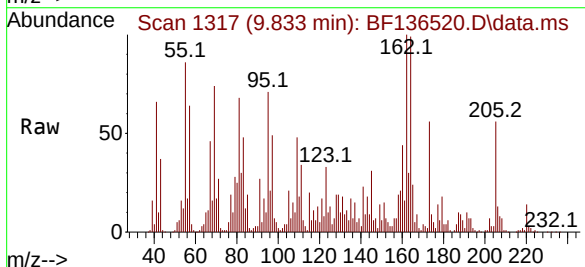
Tgt Ion:164 Resp: 112329

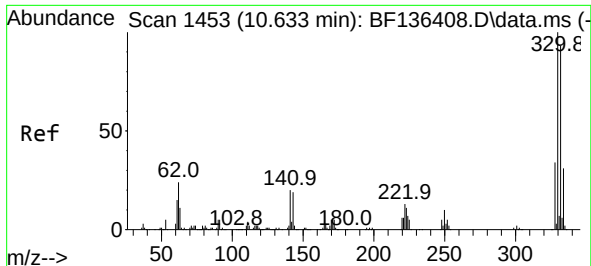
Ion Ratio Lower Upper

164 100

162 101.3 84.4 126.6

160 44.8 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 11.673 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF136520.D

Acq: 12 Dec 2023 17:21

Instrument :

BNA_F

ClientSampleId :

CHRT-24328

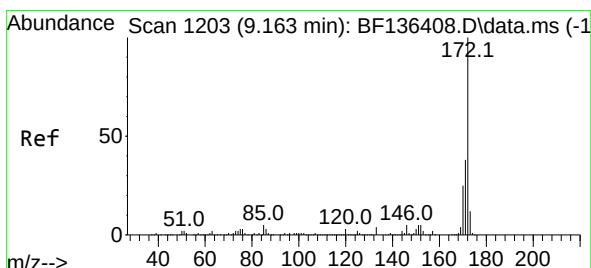
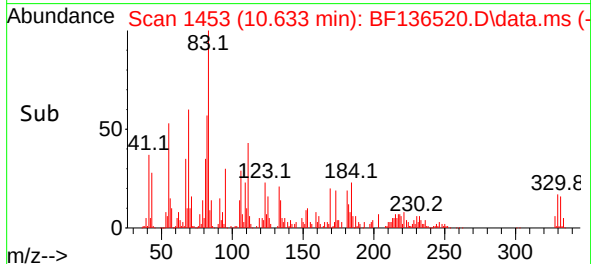
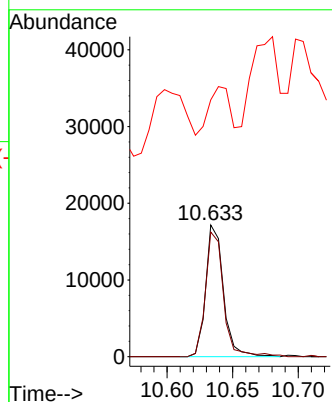
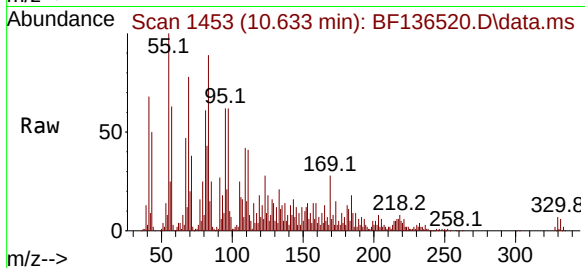
Tgt Ion:330 Resp: 16167

Ion Ratio Lower Upper

330 100

332 96.8 76.4 114.6

141 41.9 23.4 35.2#



#45

2-Fluorobiphenyl

Concen: 11.792 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136520.D

Acq: 12 Dec 2023 17:21

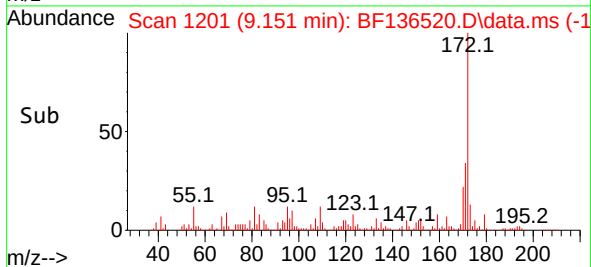
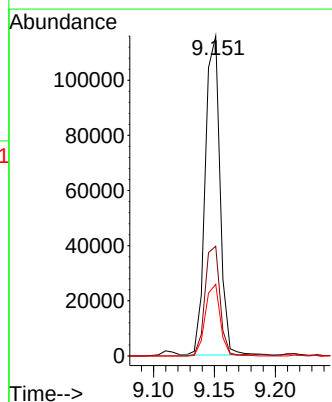
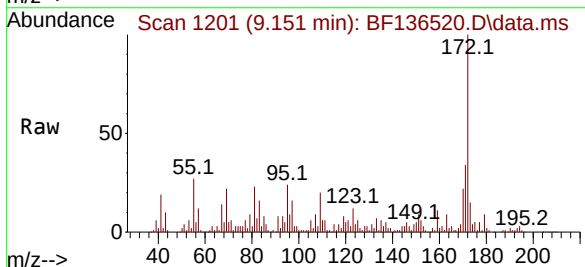
Tgt Ion:172 Resp: 97075

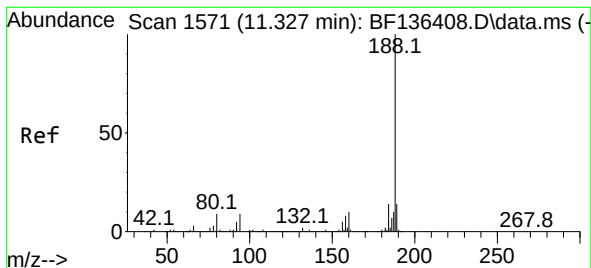
Ion Ratio Lower Upper

172 100

171 34.3 30.5 45.7

170 22.4 19.9 29.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. 0.023 min

Lab File: BF136520.D

Acq: 12 Dec 2023 17:21

Instrument :

BNA_F

ClientSampleId :

CHRT-24328

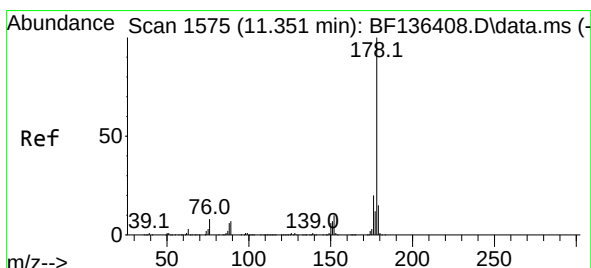
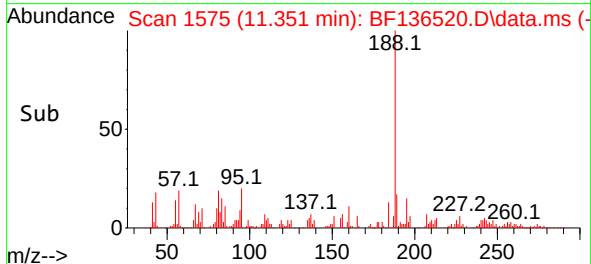
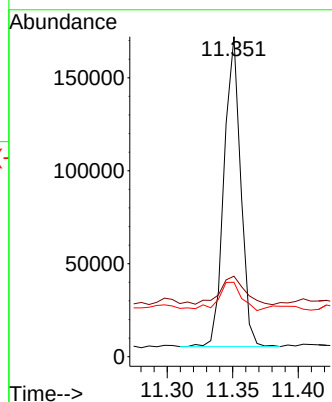
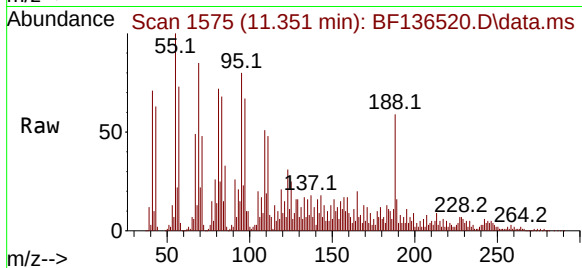
Tgt Ion:188 Resp: 146660

Ion Ratio Lower Upper

188 100

94 25.1 7.2 10.8#

80 23.3 7.2 10.8#



#71

Phenanthrene

Concen: 21.077 ng

RT: 11.374 min Scan# 1579

Delta R.T. 0.023 min

Lab File: BF136520.D

Acq: 12 Dec 2023 17:21

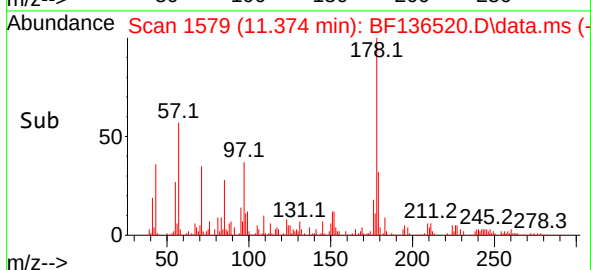
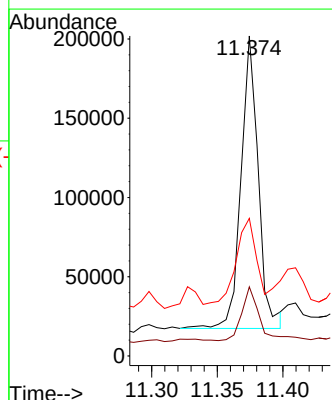
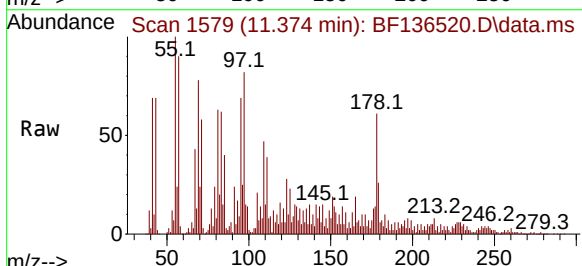
Tgt Ion:178 Resp: 169903

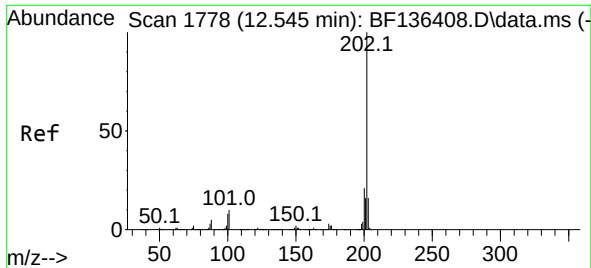
Ion Ratio Lower Upper

178 100

176 21.6 15.9 23.9

179 43.0 11.8 17.6#

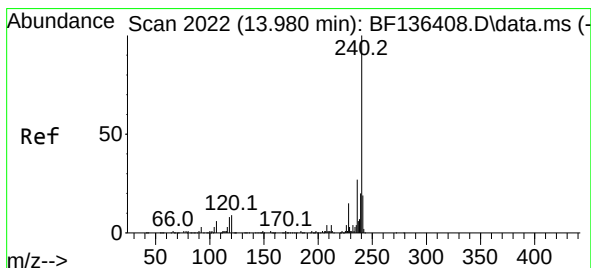
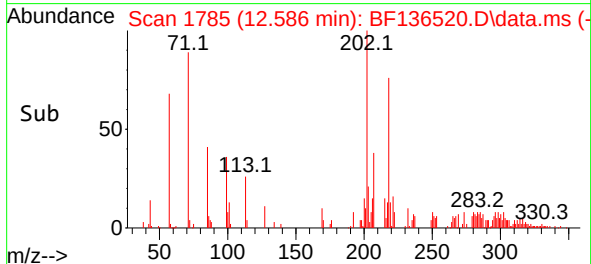
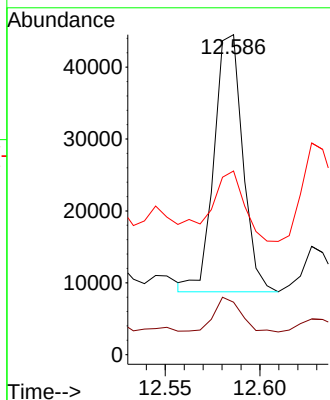
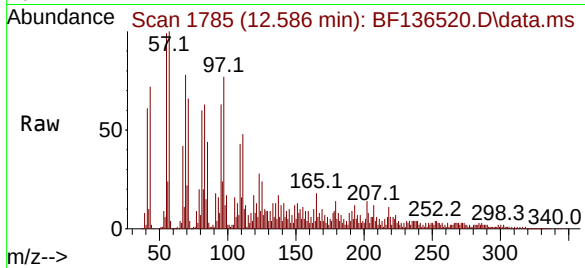




#75
Fluoranthene
Concen: 4.480 ng
RT: 12.586 min Scan# 1
Delta R.T. 0.041 min
Lab File: BF136520.D
Acq: 12 Dec 2023 17:21

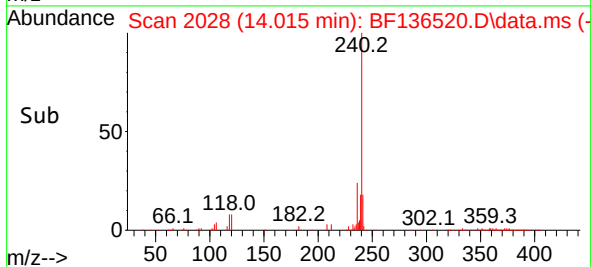
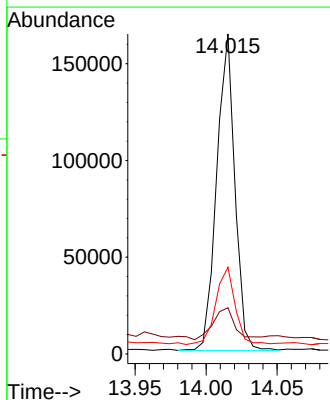
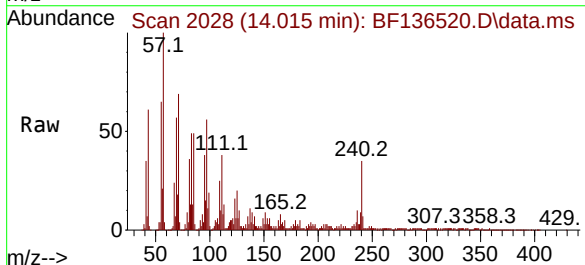
Instrument :
BNA_F
ClientSampleId :
CHRT-24328

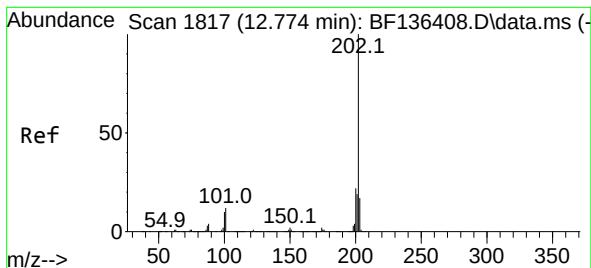
Tgt Ion:202 Resp: 37846
Ion Ratio Lower Upper
202 100
101 16.4 0.0 29.9
203 57.4 0.0 36.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2028
Delta R.T. 0.035 min
Lab File: BF136520.D
Acq: 12 Dec 2023 17:21

Tgt Ion:240 Resp: 145665
Ion Ratio Lower Upper
240 100
120 14.4 7.3 10.9#
236 27.1 21.3 31.9





#78

Pyrene

Concen: 2.756 ng

RT: 12.810 min Scan# 1823

Delta R.T. 0.035 min

Lab File: BF136520.D

Acq: 12 Dec 2023 17:21

Instrument :

BNA_F

ClientSampleId :

CHRT-24328

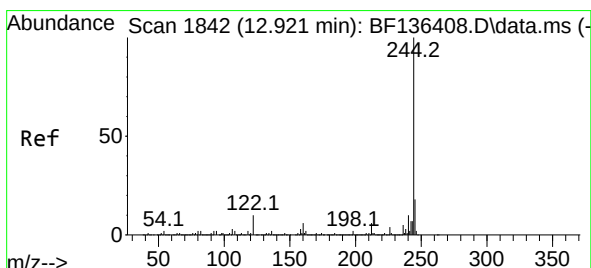
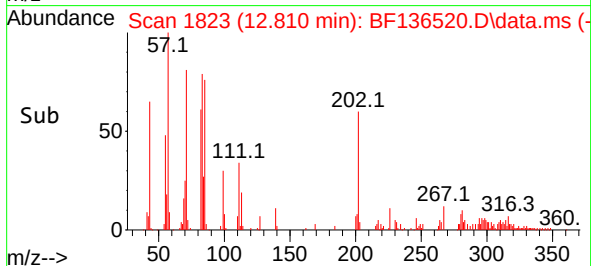
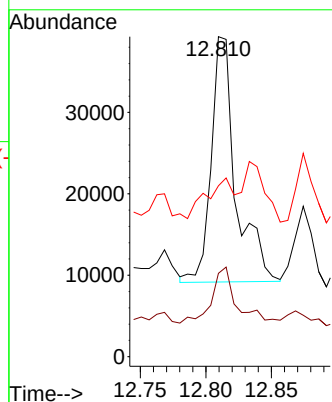
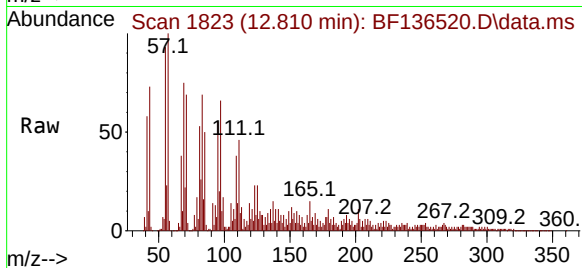
Tgt Ion:202 Resp: 39313

Ion Ratio Lower Upper

202 100

200 26.1 18.0 27.0

203 53.4 13.5 20.3#



#79

Terphenyl-d14

Concen: 6.979 ng

RT: 12.951 min Scan# 1847

Delta R.T. 0.029 min

Lab File: BF136520.D

Acq: 12 Dec 2023 17:21

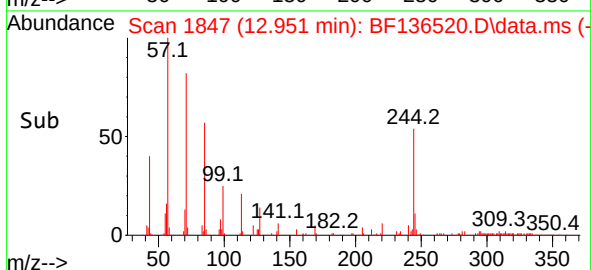
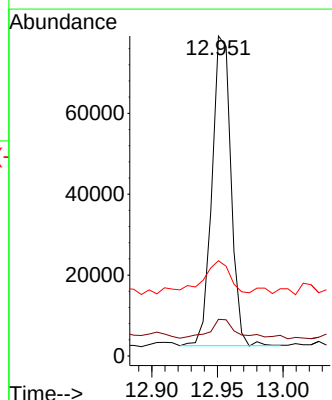
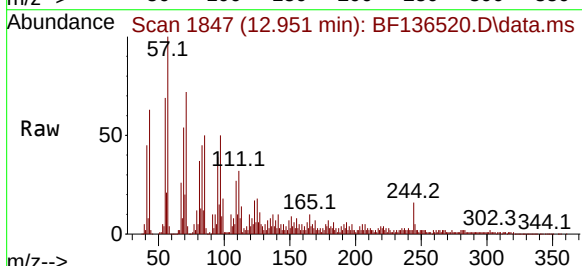
Tgt Ion:244 Resp: 77133

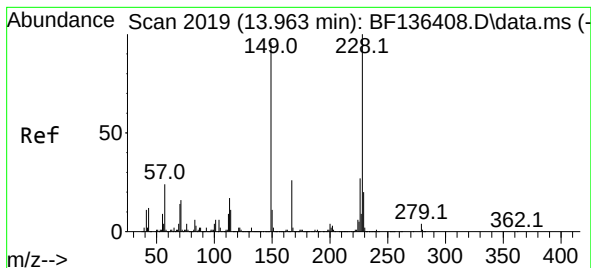
Ion Ratio Lower Upper

244 100

212 11.5 5.0 7.4#

122 29.8 8.3 12.5#

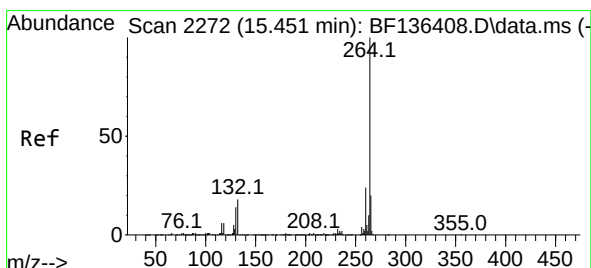
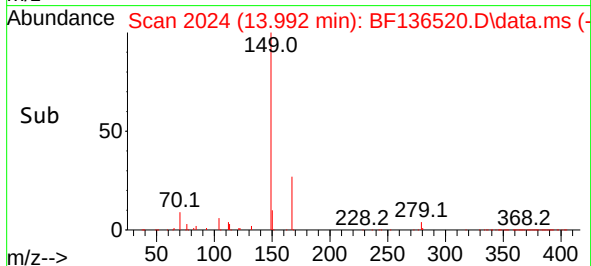
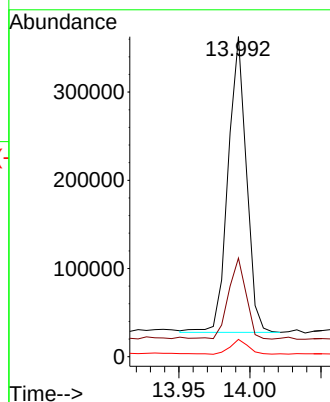
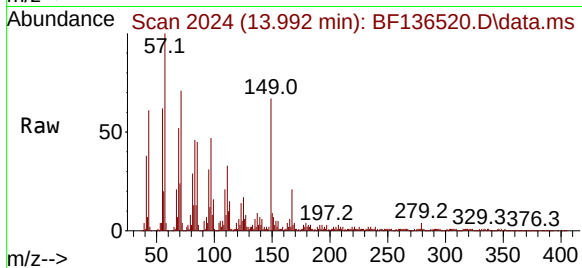




#84
Bis(2-ethylhexyl)phthalate
Concen: 48.307 ng
RT: 13.992 min Scan# 2019
Delta R.T. 0.029 min
Lab File: BF136520.D
Acq: 12 Dec 2023 17:21

Instrument :
BNA_F
ClientSampleId :
CHRT-24328

Tgt Ion:149 Resp: 300739
Ion Ratio Lower Upper
149 100
167 30.8 21.2 31.8
279 5.4 3.1 4.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.047 min
Lab File: BF136520.D
Acq: 12 Dec 2023 17:21

Tgt Ion:264 Resp: 194443
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.8 15.9 23.9

