

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122223\
 Data File : BF136695.D
 Acq On : 22 Dec 2023 20:15
 Operator : CG\JU
 Sample : 05931-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24537

Quant Time: Dec 23 01:55:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68501	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	248600	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	114339	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	176761	20.000	ng	0.00
76) Chrysene-d12	13.963	240	120527	20.000	ng	# 0.00
86) Perylene-d12	15.439	264	136337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	374741	85.357	ng	0.00
7) Phenol-d6	6.428	99	455631	80.093	ng	-0.01
23) Nitrobenzene-d5	7.345	82	284032	58.464	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	91379	67.859	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	483387	56.861	ng	-0.01
79) Terphenyl-d14	12.904	244	333178	38.631	ng	-0.01

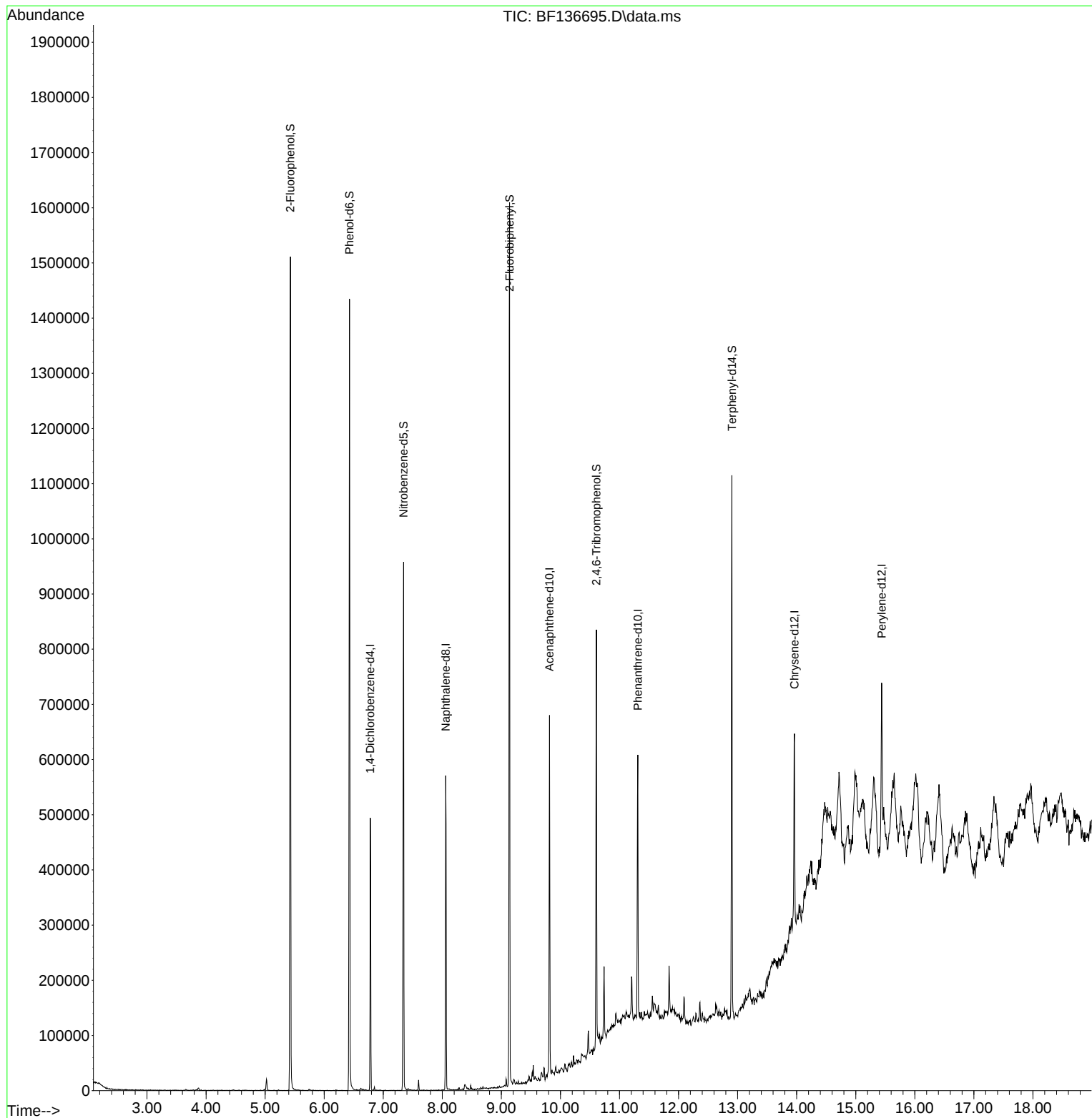
Target Compounds	Qvalue

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

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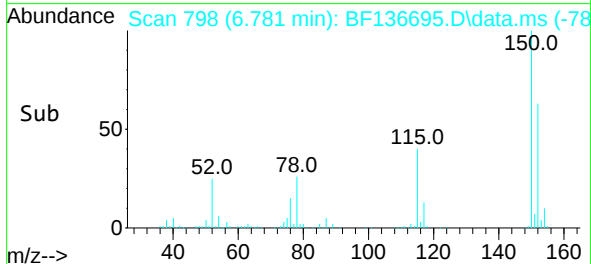
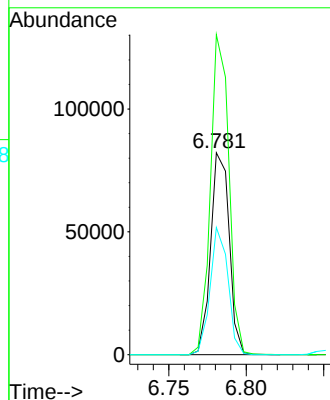
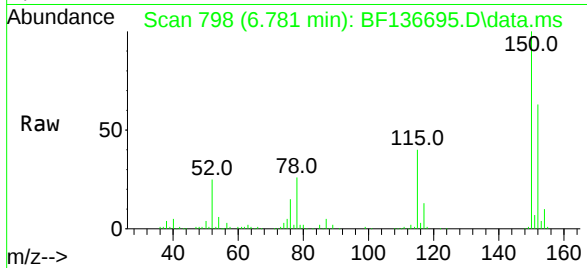




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

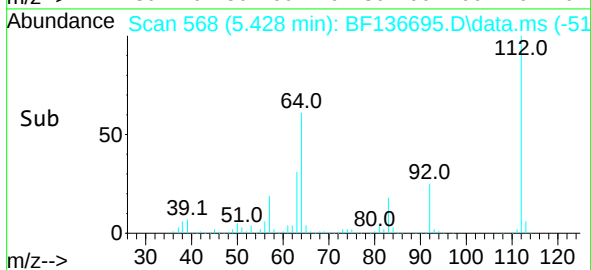
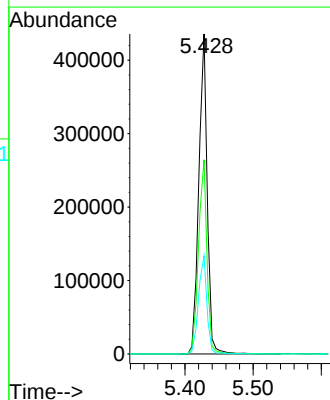
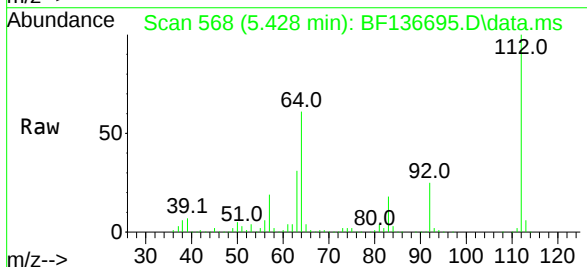
Instrument :
BNA_F
ClientSampleId :
CHRT-24537

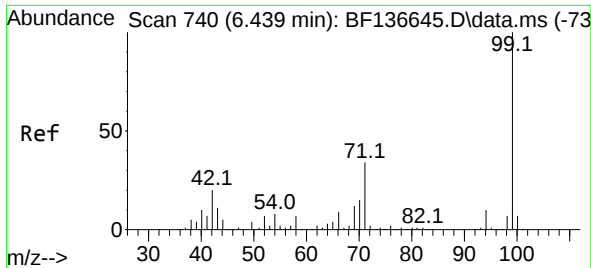
Tgt Ion:152 Resp: 68501
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.6
115 63.0 49.0 73.4



#5
2-Fluorophenol
Concen: 85.357 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

Tgt Ion:112 Resp: 374741
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 30.7 26.1 39.1

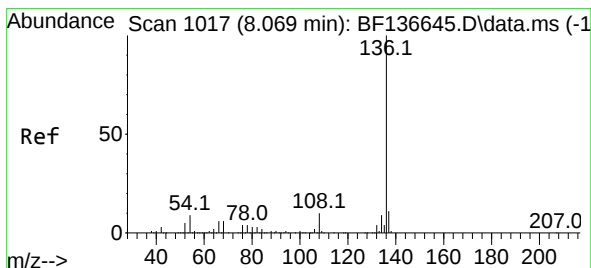
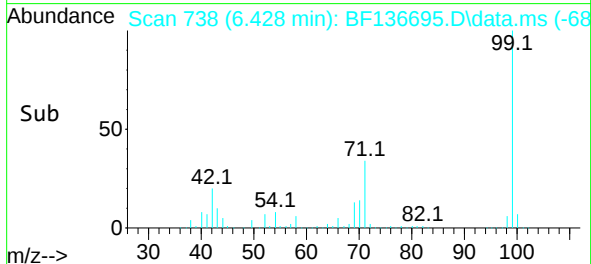
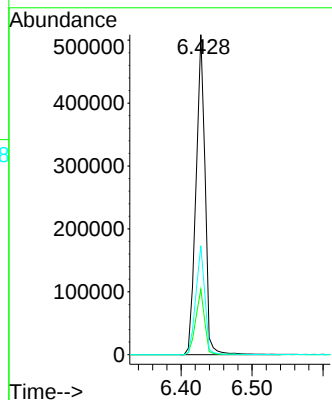
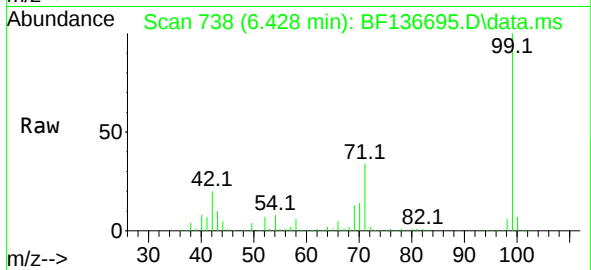




#7
Phenol-d6
Concen: 80.093 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

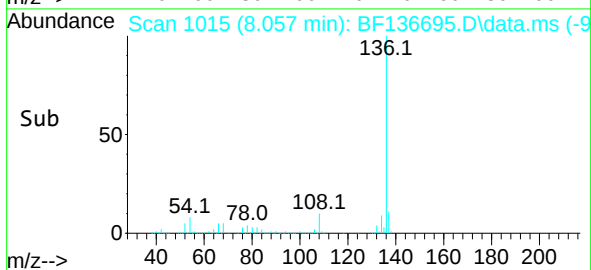
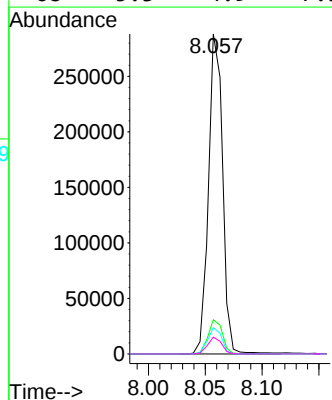
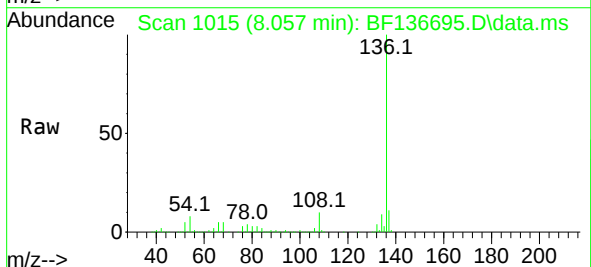
Instrument :
BNA_F
ClientSampleId :
CHRT-24537

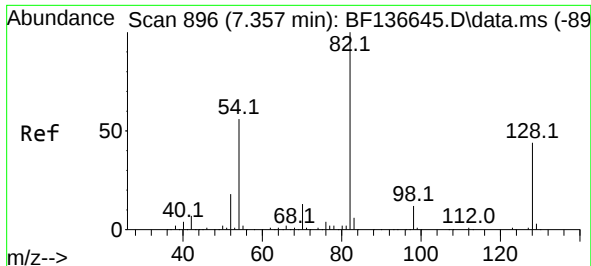
Tgt Ion: 99 Resp: 455631
Ion Ratio Lower Upper
99 100
42 20.4 16.1 24.1
71 34.0 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136695.D
Acq: 22 Dec 2023 20:15

Tgt Ion: 136 Resp: 248600
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.2 7.2 10.8
68 5.3 4.9 7.3

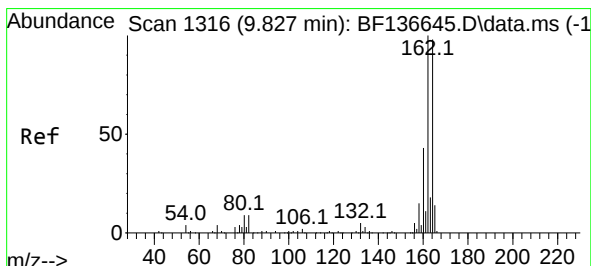
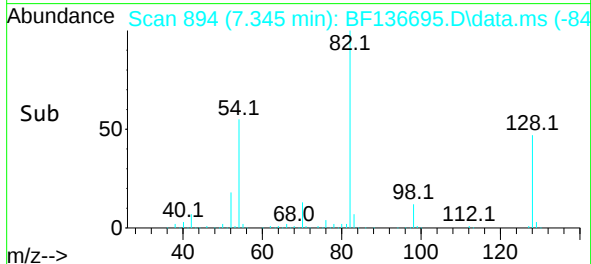
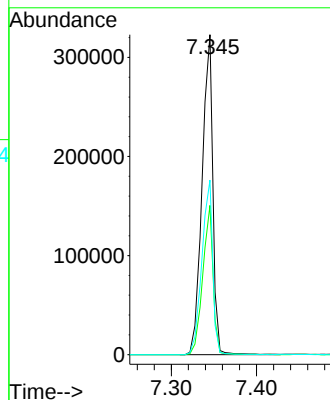
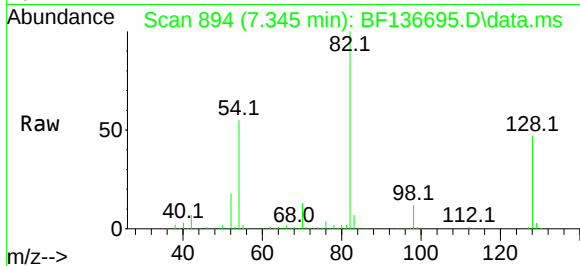




#23
 Nitrobenzene-d5
 Concen: 58.464 ng
 RT: 7.345 min Scan# 89
 Delta R.T. -0.012 min
 Lab File: BF136695.D
 Acq: 22 Dec 2023 20:15

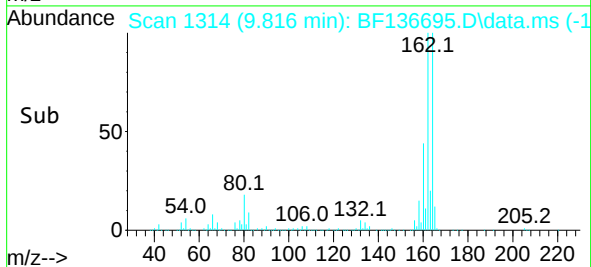
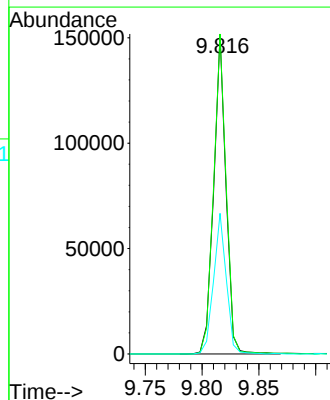
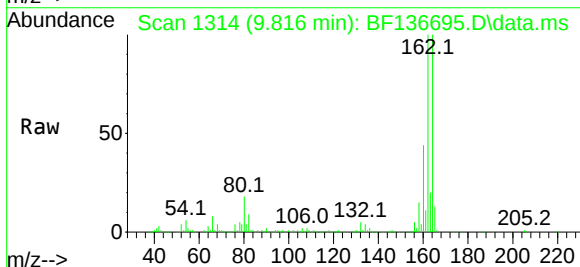
Instrument :
 BNA_F
 ClientSampleId :
 CHRT-24537

Tgt Ion: 82 Resp: 284032
 Ion Ratio Lower Upper
 82 100
 128 46.6 35.3 52.9
 54 54.5 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF136695.D
 Acq: 22 Dec 2023 20:15

Tgt Ion: 164 Resp: 114339
 Ion Ratio Lower Upper
 164 100
 162 100.0 81.6 122.4
 160 44.0 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 67.859 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136695.D

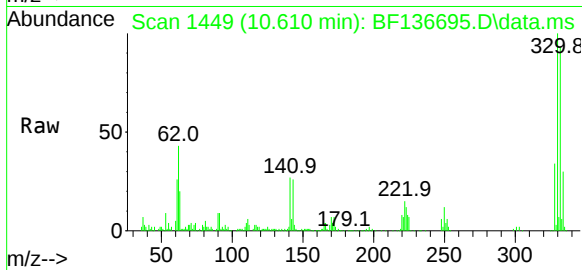
Acq: 22 Dec 2023 20:15

Instrument :

BNA_F

ClientSampleId :

CHRT-24537



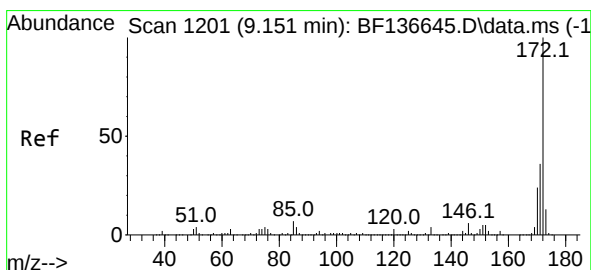
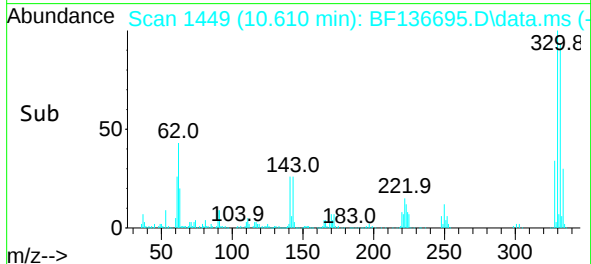
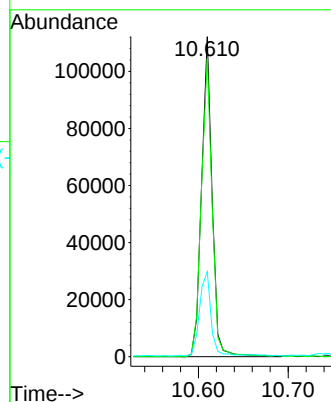
Tgt Ion:330 Resp: 91379

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.0

141 27.9 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 56.861 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

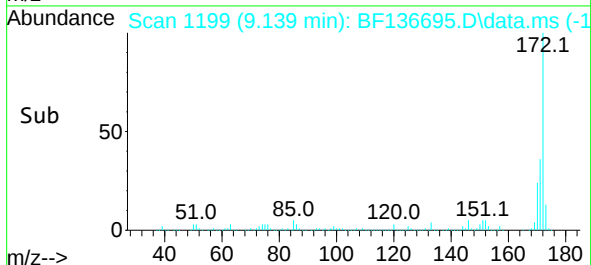
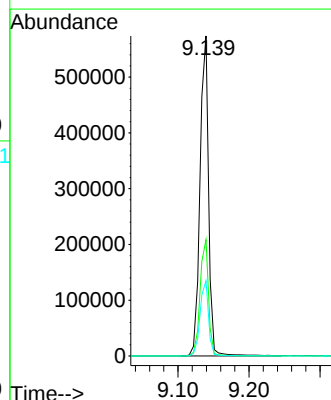
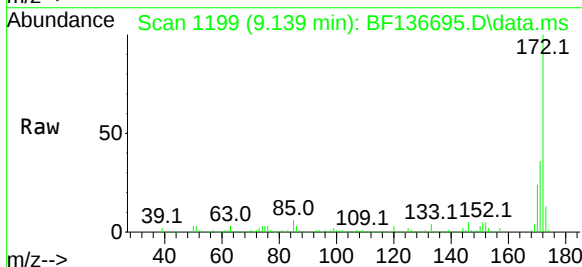
Tgt Ion:172 Resp: 483387

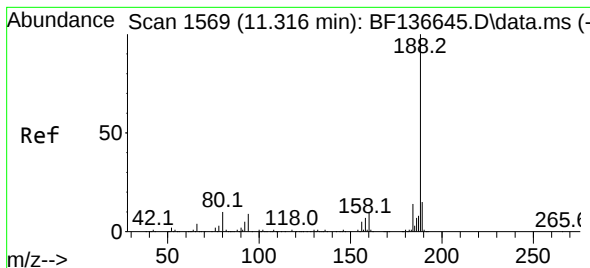
Ion Ratio Lower Upper

172 100

171 36.4 29.0 43.6

170 23.5 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

Instrument :

BNA_F

ClientSampleId :

CHRT-24537

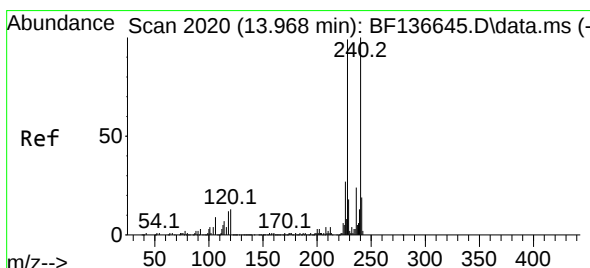
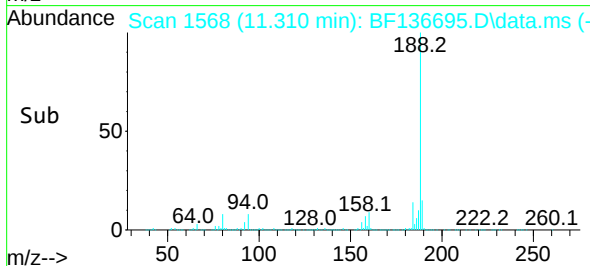
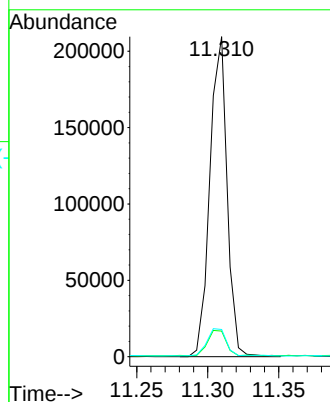
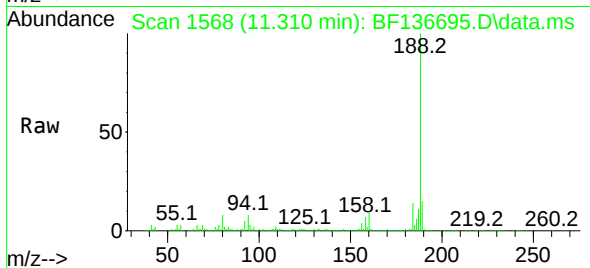
Tgt Ion:188 Resp: 176761

Ion Ratio Lower Upper

188 100

94 8.0 7.5 11.3

80 8.5 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

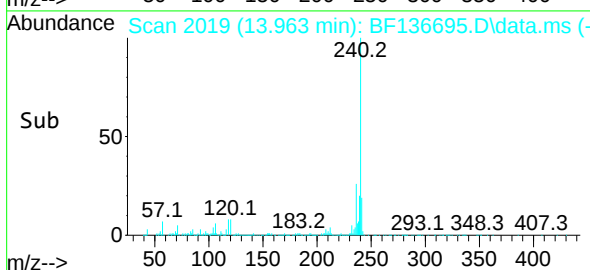
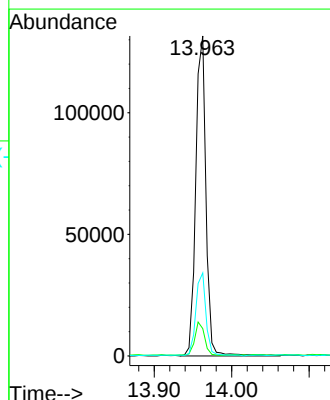
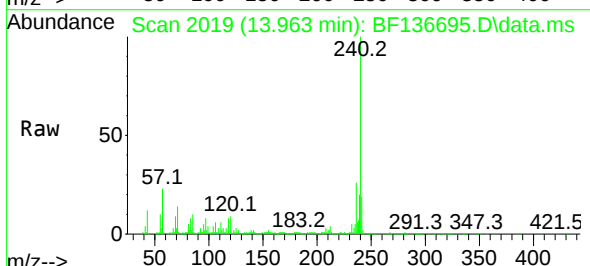
Tgt Ion:240 Resp: 120527

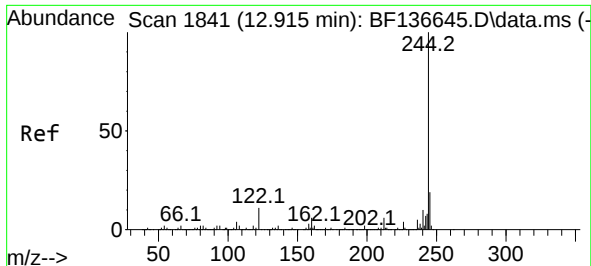
Ion Ratio Lower Upper

240 100

120 8.5 10.3 15.5#

236 26.0 19.4 29.2





#79

Terphenyl-d14

Concen: 38.631 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

Instrument :

BNA_F

ClientSampleId :

CHRT-24537

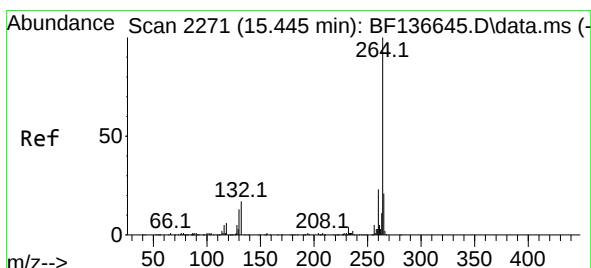
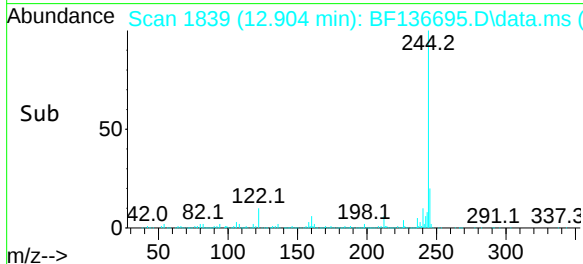
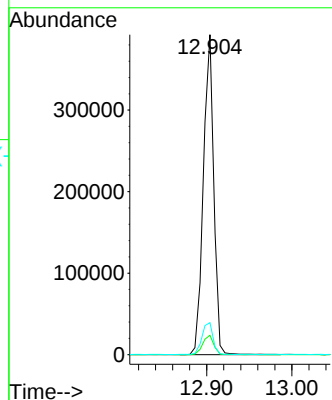
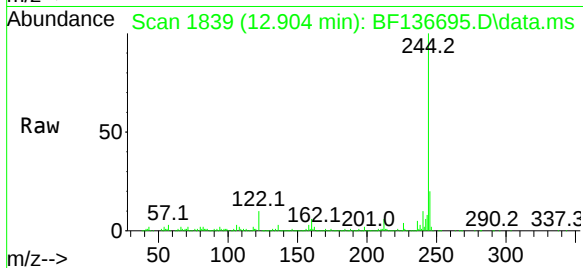
Tgt Ion:244 Resp: 333178

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 10.0 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2270

Delta R.T. -0.006 min

Lab File: BF136695.D

Acq: 22 Dec 2023 20:15

Tgt Ion:264 Resp: 136337

Ion Ratio Lower Upper

264 100

260 22.7 18.3 27.5

265 21.4 17.0 25.6

