

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131051.D
 Acq On : 07 Nov 2022 19:29
 Operator : CG\JU
 Sample : N5415-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-17

Quant Time: Nov 08 02:17:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 08 01:40:43 2022
 Response via : Initial Calibration

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

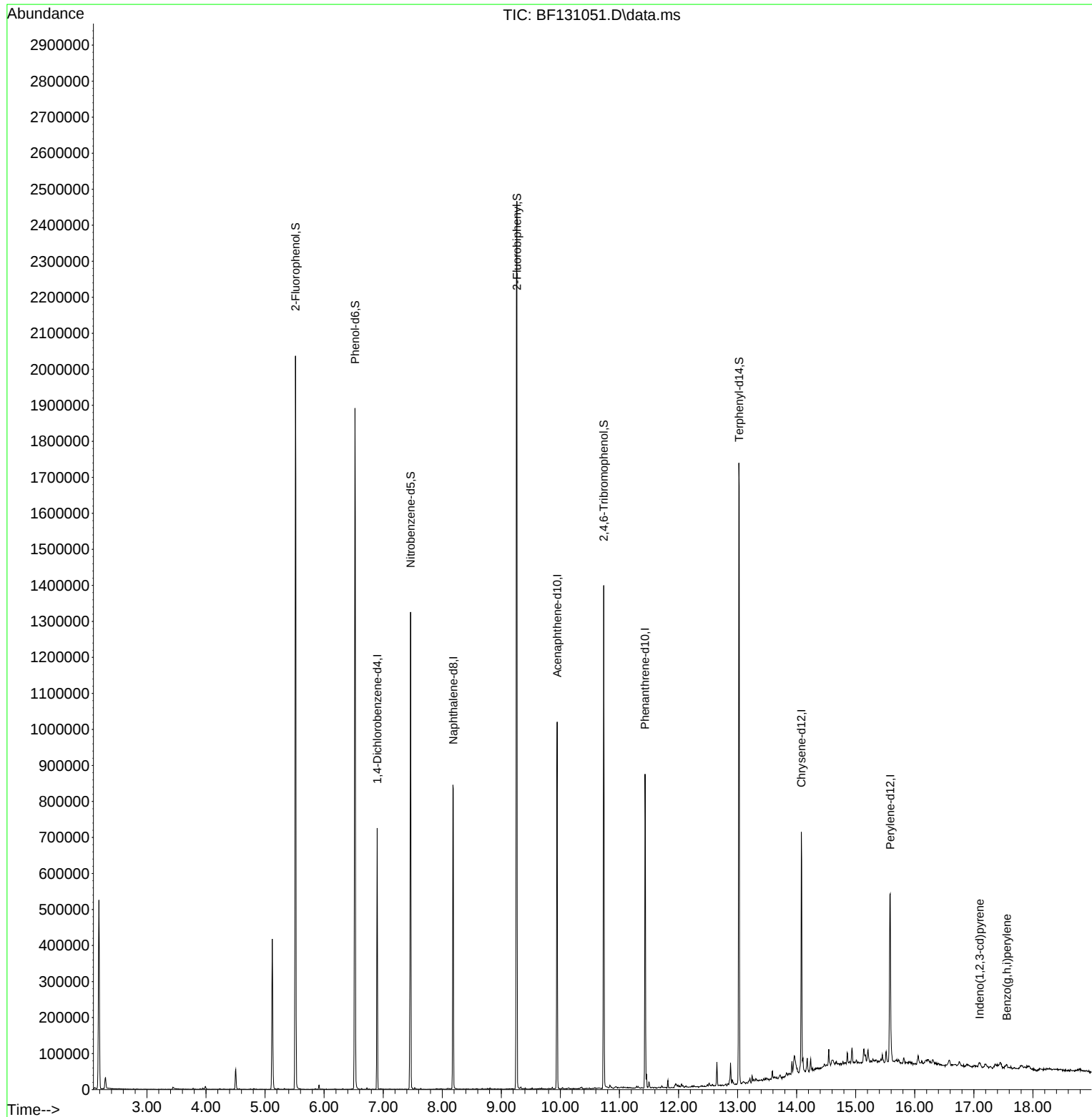
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	91215	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	364995	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	195907	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	310115	20.000	ng	0.00
76) Chrysene-d12	14.080	240	219687	20.000	ng	-0.01
86) Perylene-d12	15.586	264	223128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	514674	90.984	ng	0.00
7) Phenol-d6	6.522	99	617834	89.484	ng	0.00
23) Nitrobenzene-d5	7.463	82	384058	48.774	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	144737	67.105	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	742131	51.626	ng	0.00
79) Terphenyl-d14	13.027	244	601549	43.901	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.098	276	8473	3.743	ng	Qvalue # 92
92) Benzo(g,h,i)perylene	17.556	276	7353	3.829	ng	# 86

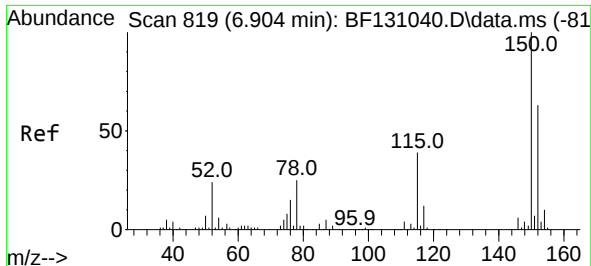
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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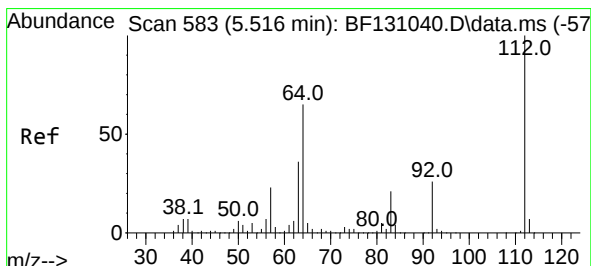
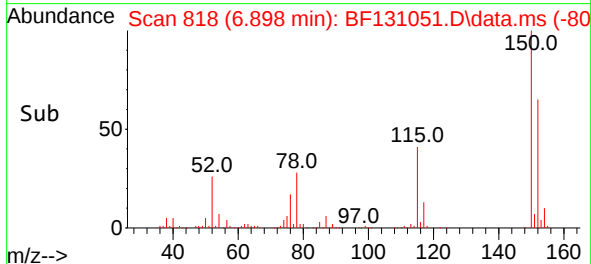
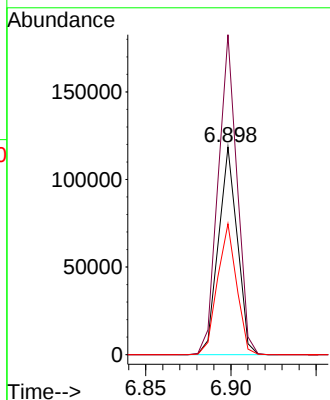
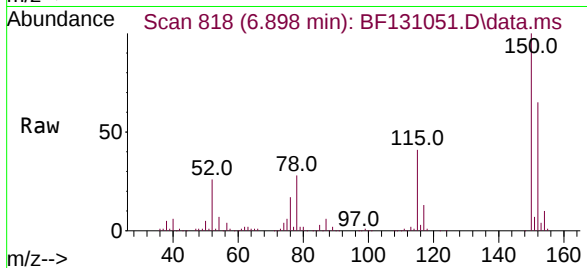




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF131051.D
 Acq: 07 Nov 2022 19:29

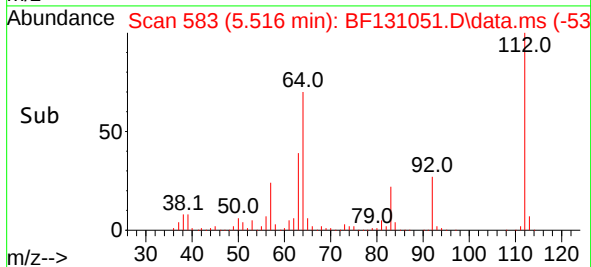
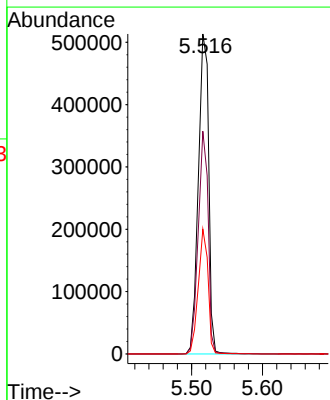
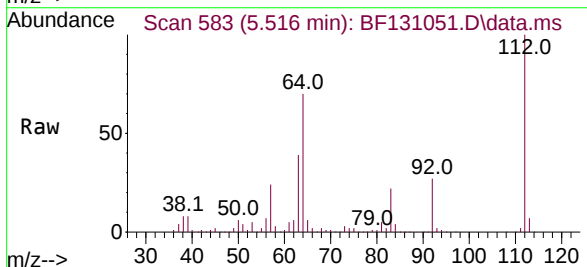
Instrument :
 BNA_F
 ClientSampleId :
 R-17

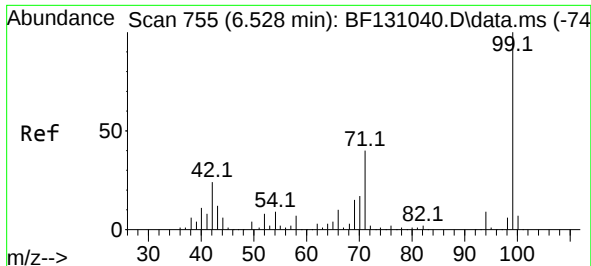
Tgt Ion:152 Resp: 91215
 Ion Ratio Lower Upper
 152 100
 150 154.1 126.6 189.8
 115 63.0 49.1 73.7



#5
 2-Fluorophenol
 Concen: 90.984 ng
 RT: 5.516 min Scan# 583
 Delta R.T. -0.000 min
 Lab File: BF131051.D
 Acq: 07 Nov 2022 19:29

Tgt Ion:112 Resp: 514674
 Ion Ratio Lower Upper
 112 100
 64 69.6 52.2 78.4
 63 39.0 29.0 43.4





#7

Phenol-d6

Concen: 89.484 ng

RT: 6.522 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

Instrument :

BNA_F

ClientSampleId :

R-17

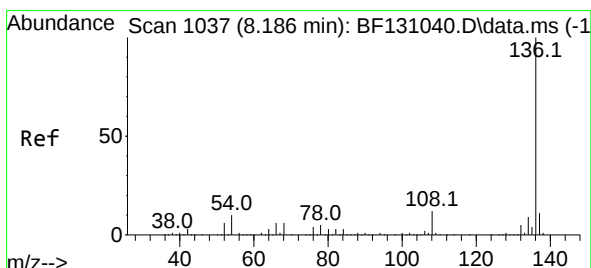
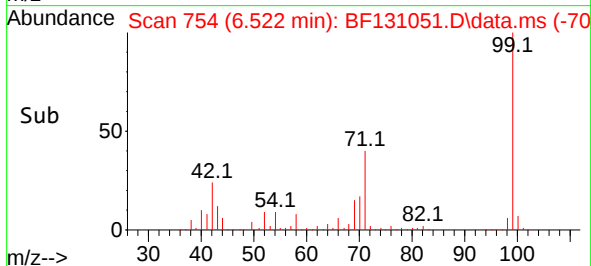
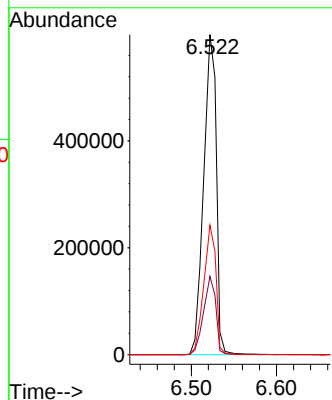
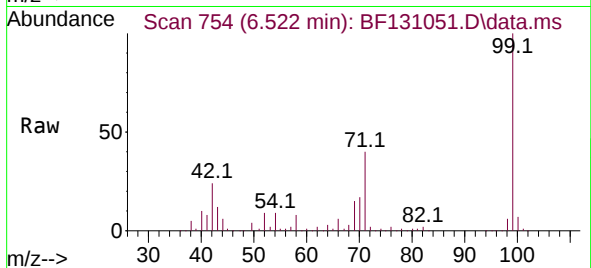
Tgt Ion: 99 Resp: 617834

Ion Ratio Lower Upper

99 100

42 24.4 19.4 29.0

71 40.5 31.8 47.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1037

Delta R.T. 0.000 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

Tgt Ion:136 Resp: 364995

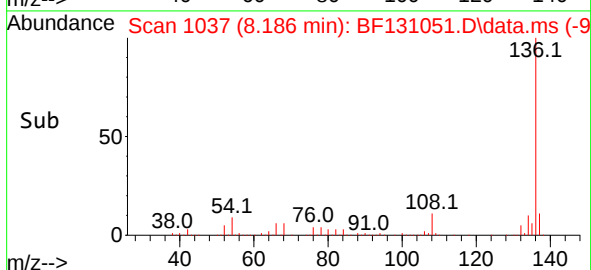
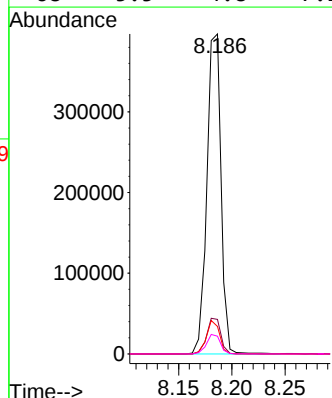
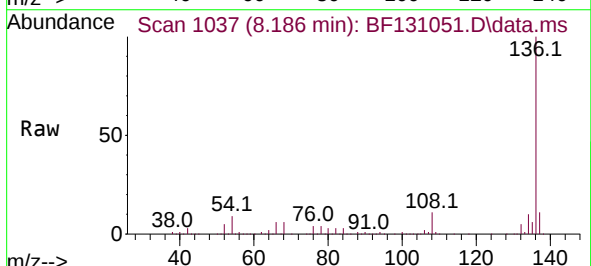
Ion Ratio Lower Upper

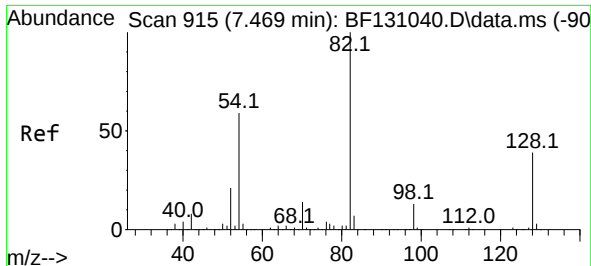
136 100

137 10.8 8.8 13.2

54 8.6 8.2 12.2

68 5.5 4.8 7.2





#23

Nitrobenzene-d5

Concen: 48.774 ng

RT: 7.463 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

Instrument :

BNA_F

ClientSampleId :

R-17

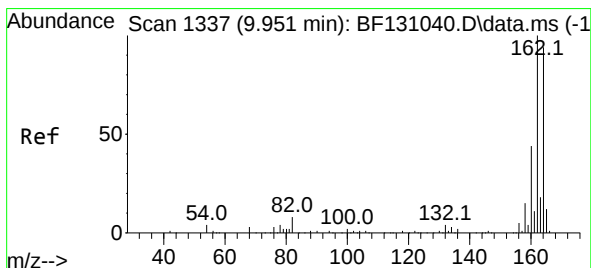
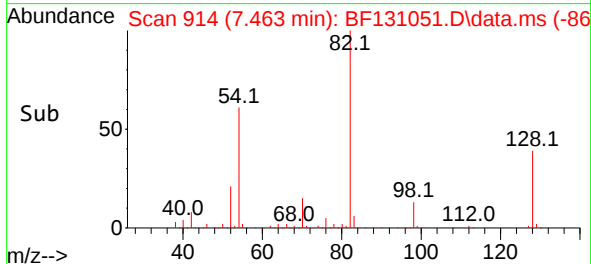
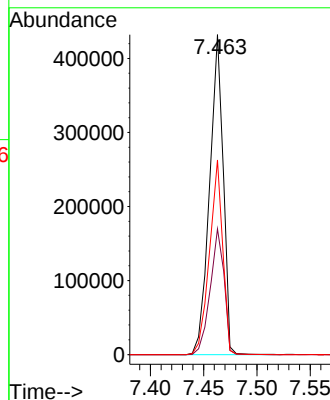
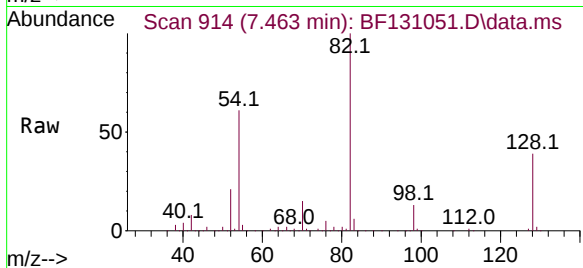
Tgt Ion: 82 Resp: 384058

Ion Ratio Lower Upper

82 100

128 39.3 31.3 46.9

54 60.8 47.2 70.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1336

Delta R.T. -0.006 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

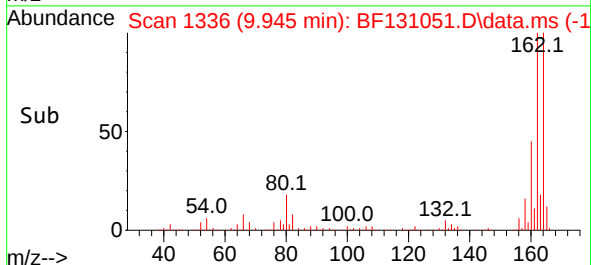
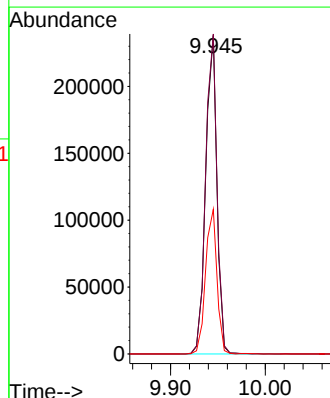
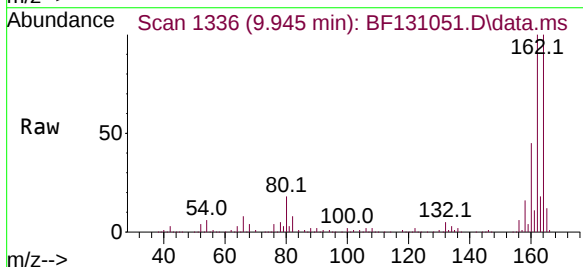
Tgt Ion:164 Resp: 195907

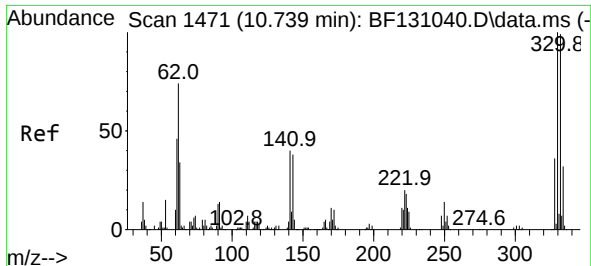
Ion Ratio Lower Upper

164 100

162 100.5 85.0 127.6

160 45.4 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 67.105 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

Instrument :

BNA_F

ClientSampleId :

R-17

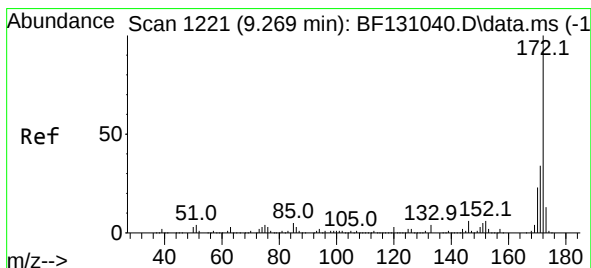
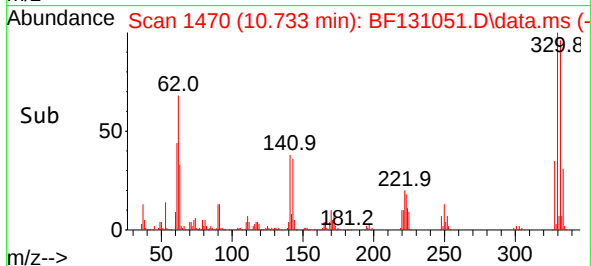
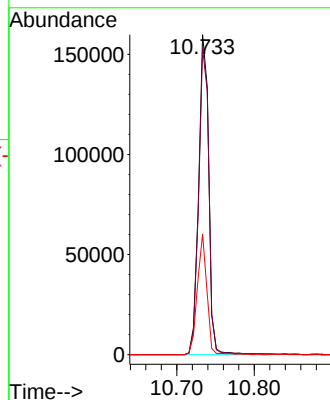
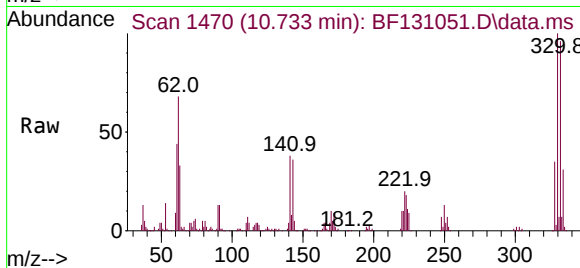
Tgt Ion:330 Resp: 144737

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.4

141 35.5 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 51.626 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

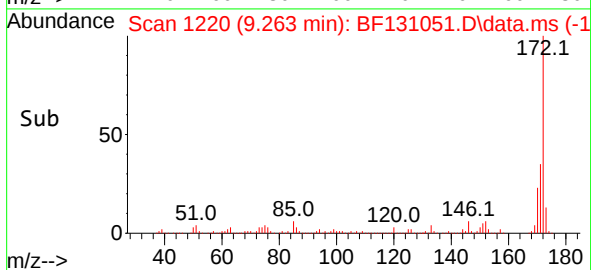
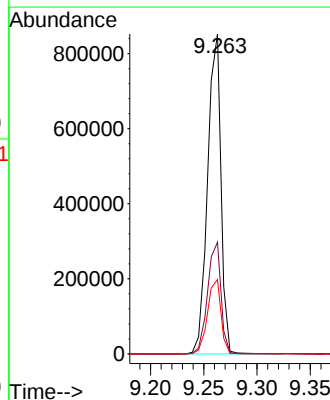
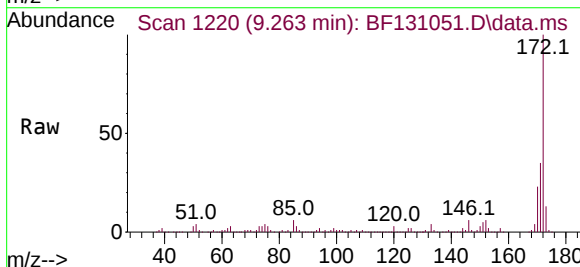
Tgt Ion:172 Resp: 742131

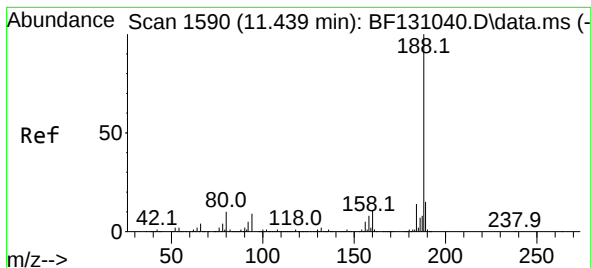
Ion Ratio Lower Upper

172 100

171 34.9 27.7 41.5

170 23.2 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.433 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

Instrument :

BNA_F

ClientSampleId :

R-17

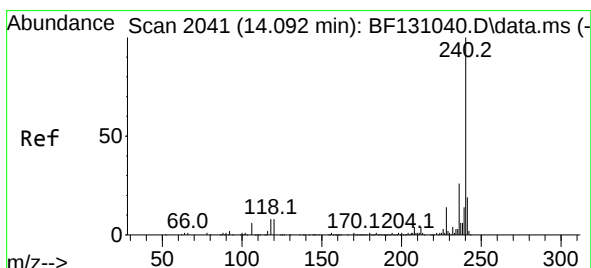
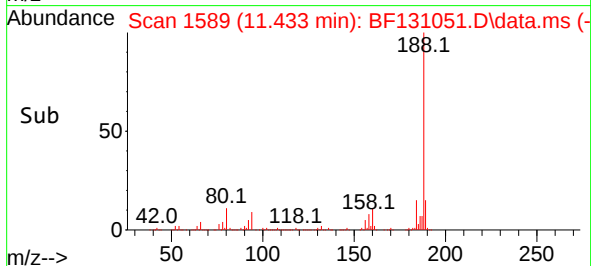
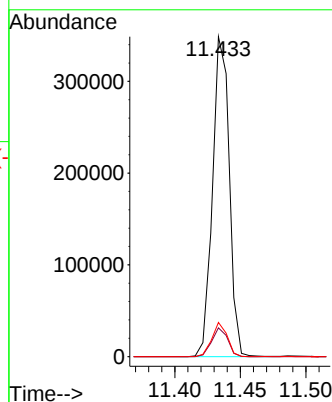
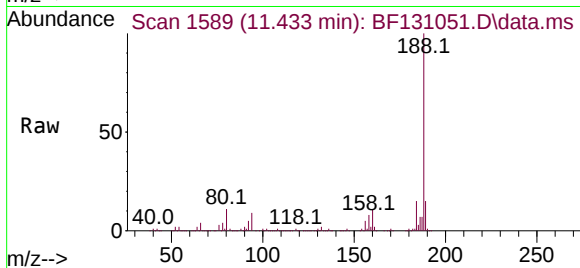
Tgt Ion:188 Resp: 310115

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

80 10.7 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.012 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

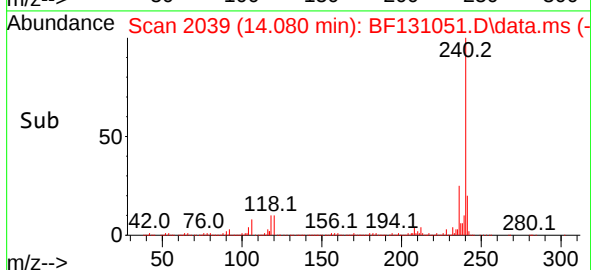
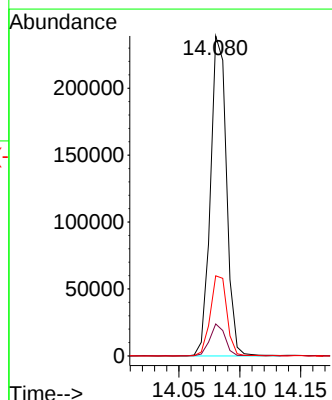
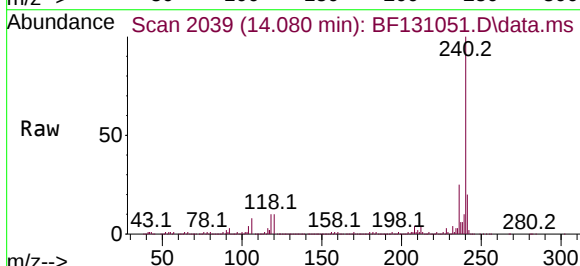
Tgt Ion:240 Resp: 219687

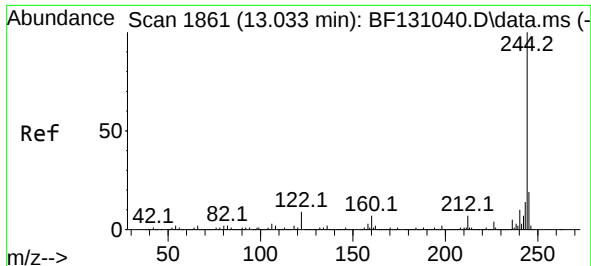
Ion Ratio Lower Upper

240 100

120 10.0 6.7 10.1

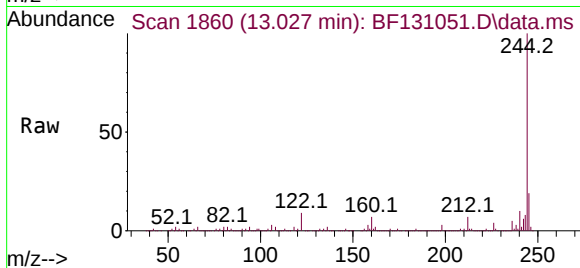
236 25.0 20.8 31.2



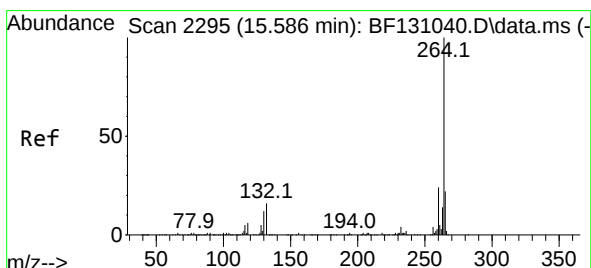
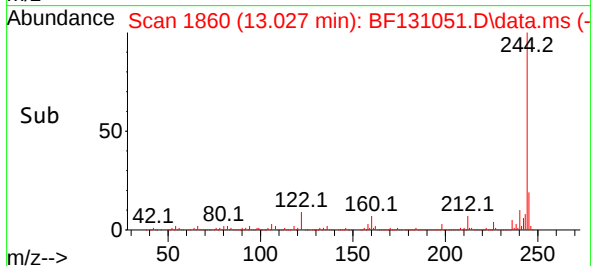
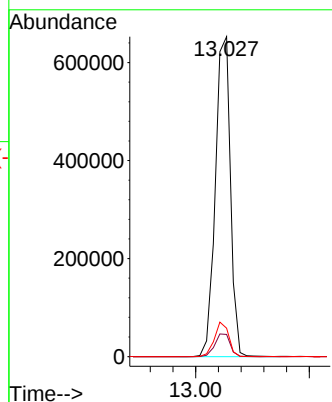


#79
 Terphenyl-d14
 Concen: 43.901 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131051.D
 Acq: 07 Nov 2022 19:29

Instrument :
 BNA_F
 ClientSampleId :
 R-17

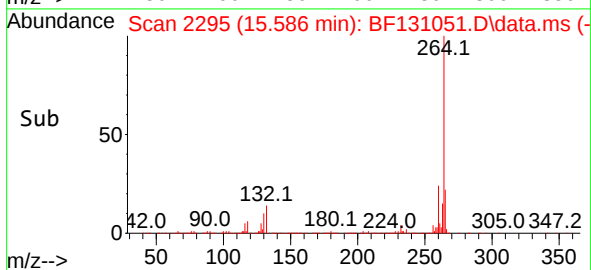
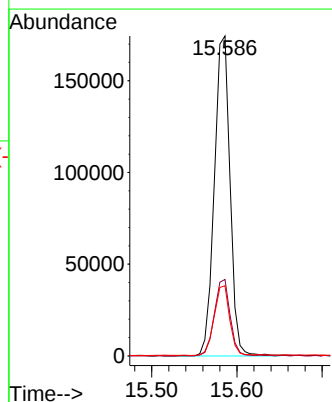
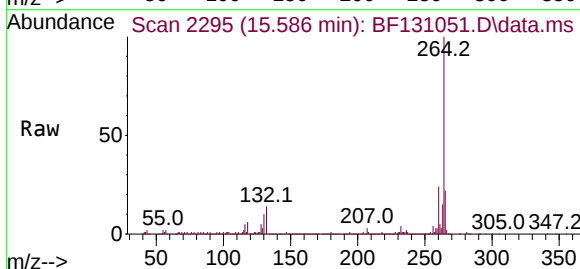


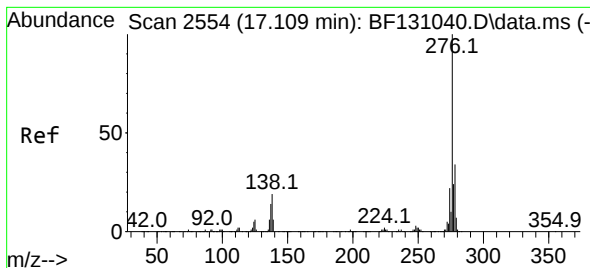
Tgt Ion:244 Resp: 601549
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.6
 122 8.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2295
 Delta R.T. 0.000 min
 Lab File: BF131051.D
 Acq: 07 Nov 2022 19:29

Tgt Ion:264 Resp: 223128
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.9 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.743 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.011 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

Instrument :

BNA_F

ClientSampleId :

R-17

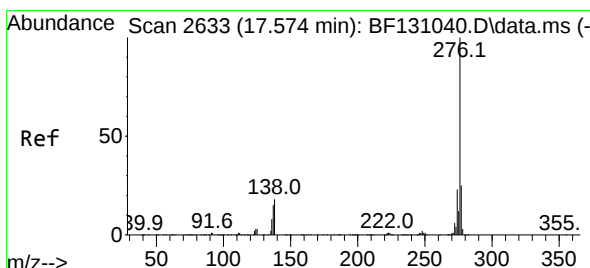
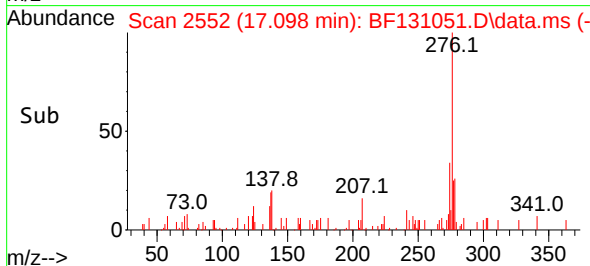
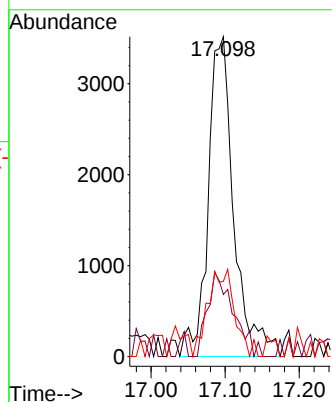
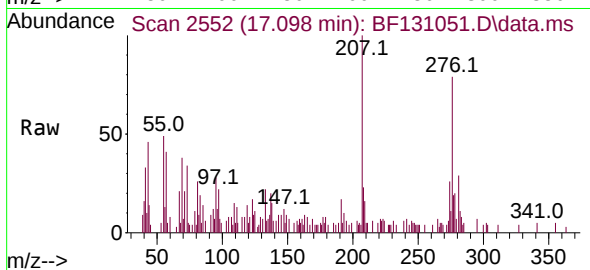
Tgt Ion:276 Resp: 8473

Ion Ratio Lower Upper

276 100

138 26.9 17.3 25.9#

277 28.2 20.2 30.4



#92

Benzo(g,h,i)perylene

Concen: 3.829 ng

RT: 17.556 min Scan# 2630

Delta R.T. -0.018 min

Lab File: BF131051.D

Acq: 07 Nov 2022 19:29

Tgt Ion:276 Resp: 7353

Ion Ratio Lower Upper

276 100

277 24.4 20.0 30.0

138 32.1 14.8 22.2#

