

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110722\
 Data File : BF131049.D
 Acq On : 07 Nov 2022 18:18
 Operator : CG\JU
 Sample : N5415-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-15

Quant Time: Nov 08 02:17:21 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)

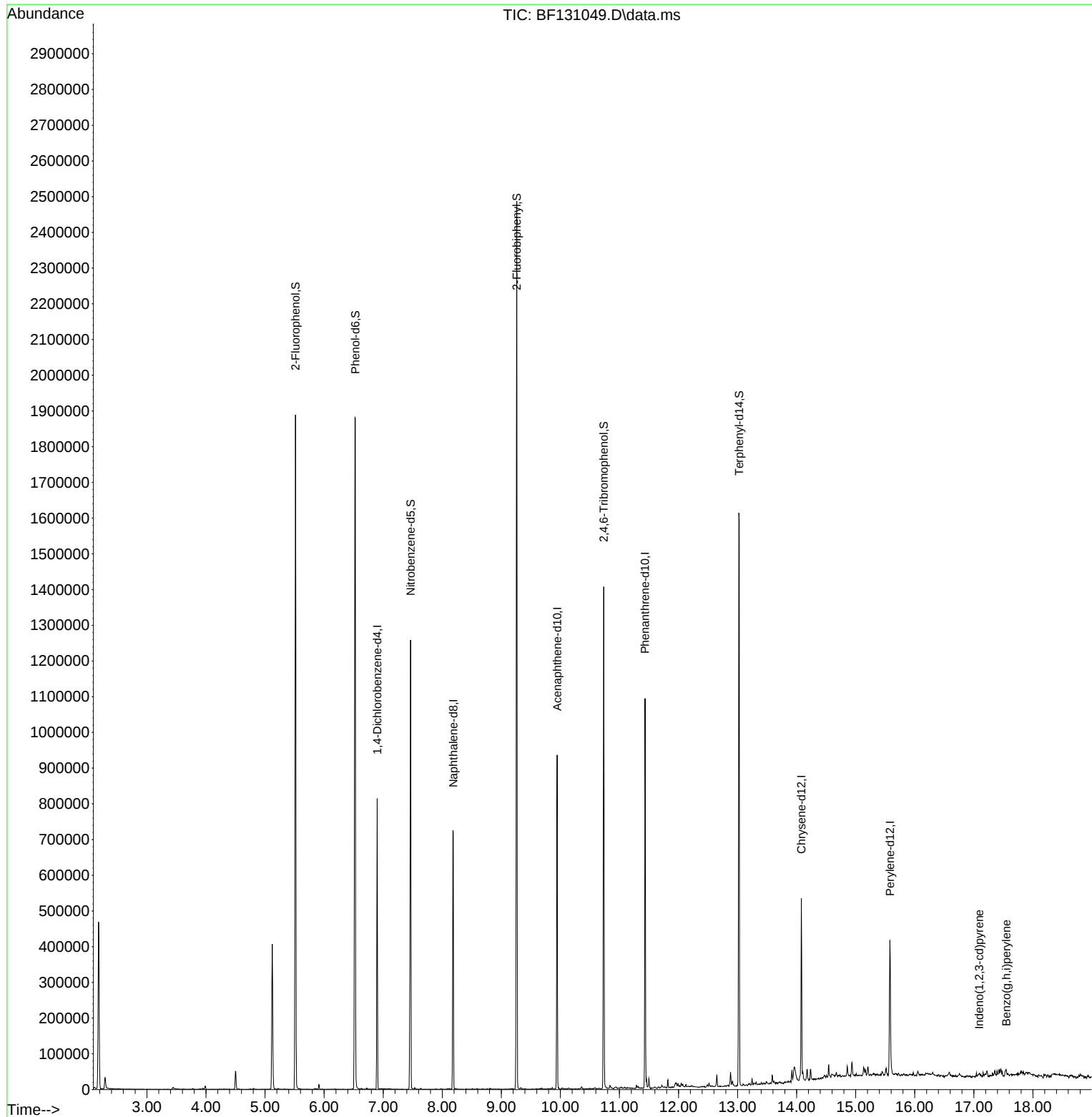
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	100583	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	317709	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	174033	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	357609	20.000	ng	0.00
76) Chrysene-d12	14.080	240	156128	20.000	ng	#-0.01
86) Perylene-d12	15.580	264	167538	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	449253	72.022	ng	0.00
7) Phenol-d6	6.528	99	658847	86.537	ng	0.00
23) Nitrobenzene-d5	7.463	82	372040	54.280	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	144425	75.376	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	673464	52.738	ng	0.00
79) Terphenyl-d14	13.027	244	563415	57.856	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.092	276	5299	3.673	ng	# 90
92) Benzo(g,h,i)perylene	17.551	276	5752	3.847	ng	# 92

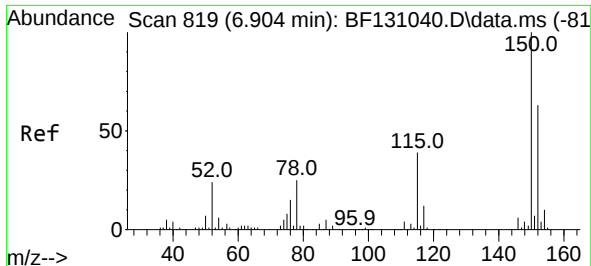
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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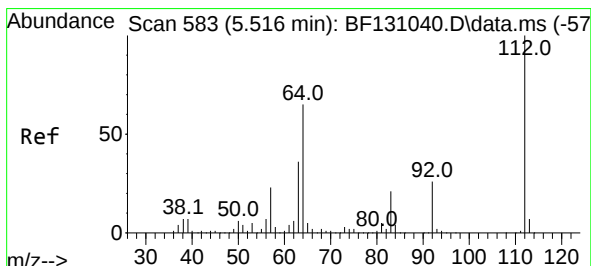
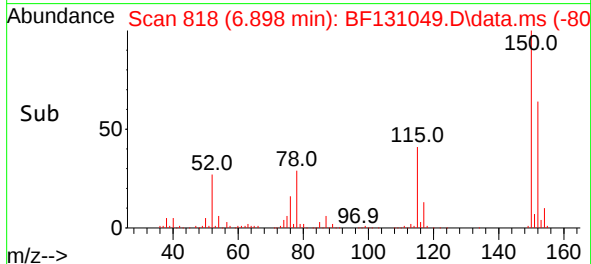
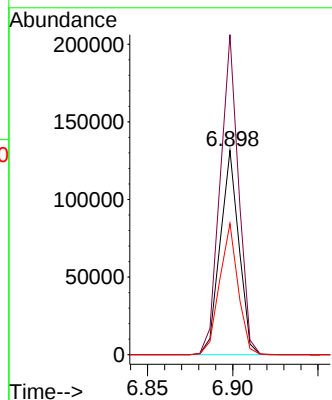
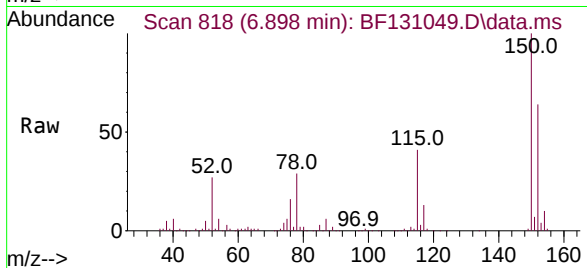




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

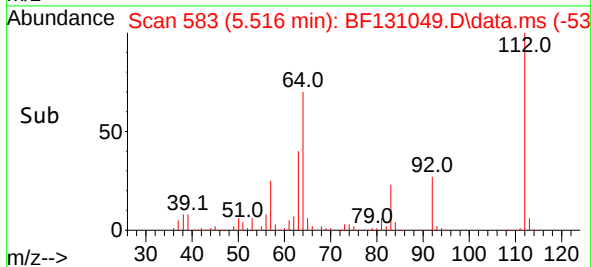
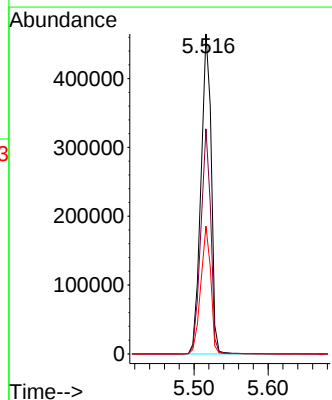
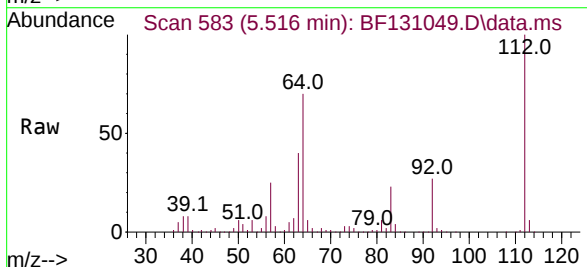
Instrument :
BNA_F
ClientSampleId :
R-15

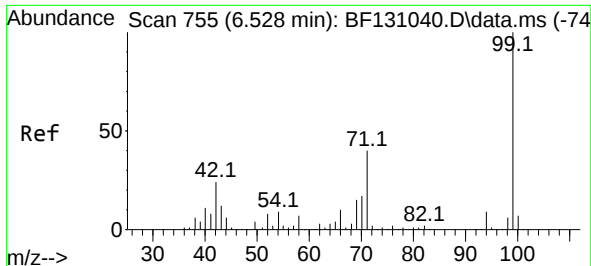
Tgt Ion:152 Resp: 100583
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 64.2 49.1 73.7



#5
2-Fluorophenol
Concen: 72.022 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.000 min
Lab File: BF131049.D
Acq: 07 Nov 2022 18:18

Tgt Ion:112 Resp: 449253
Ion Ratio Lower Upper
112 100
64 70.3 52.2 78.4
63 40.0 29.0 43.4





#7

Phenol-d6

Concen: 86.537 ng

RT: 6.528 min Scan# 755

Delta R.T. -0.000 min

Lab File: BF131049.D

Acq: 07 Nov 2022 18:18

Instrument :

BNA_F

ClientSampleId :

R-15

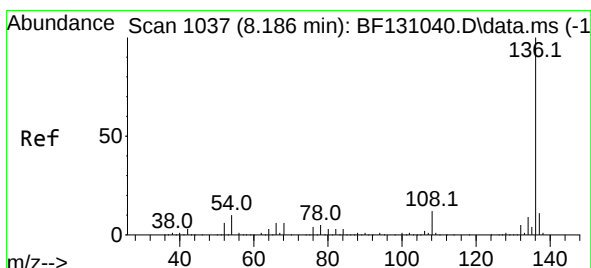
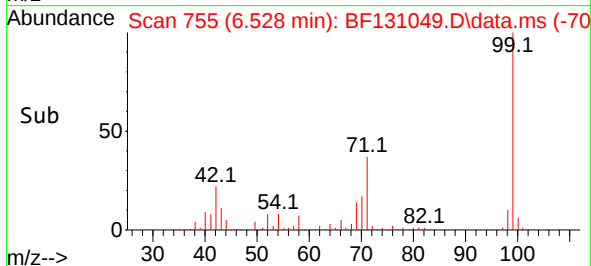
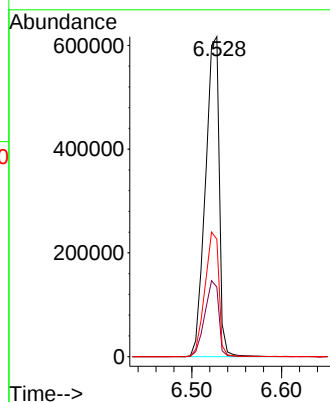
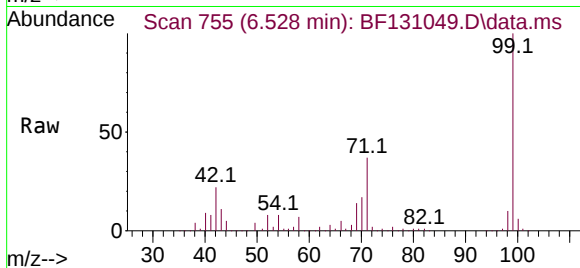
Tgt Ion: 99 Resp: 658847

Ion Ratio Lower Upper

99 100

42 21.7 19.4 29.0

71 36.7 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: BF131049.D

Acq: 07 Nov 2022 18:18

Tgt Ion: 136 Resp: 317709

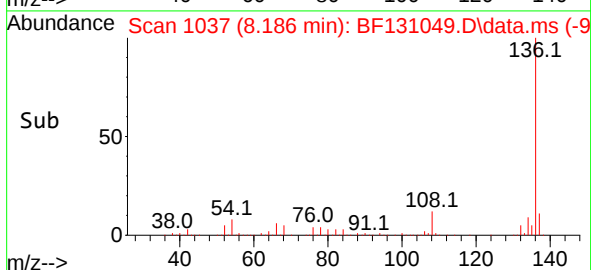
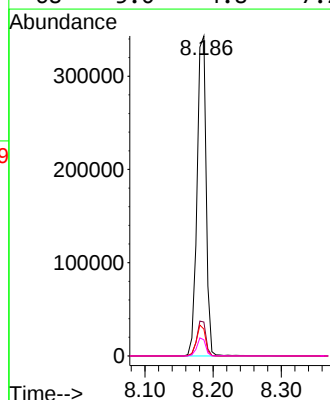
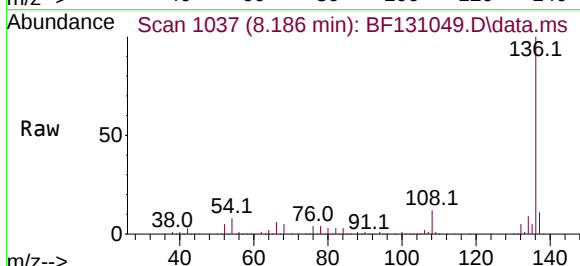
Ion Ratio Lower Upper

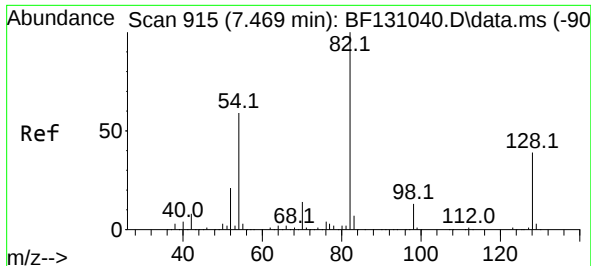
136 100

137 10.6 8.8 13.2

54 8.4 8.2 12.2

68 5.0 4.8 7.2





#23

Nitrobenzene-d5

Concen: 54.280 ng

RT: 7.463 min Scan# 915

Delta R.T. -0.006 min

Lab File: BF131049.D

Acq: 07 Nov 2022 18:18

Instrument :

BNA_F

ClientSampleId :

R-15

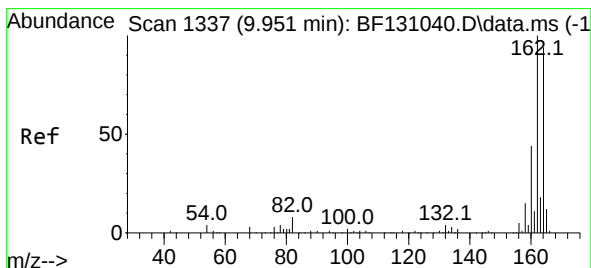
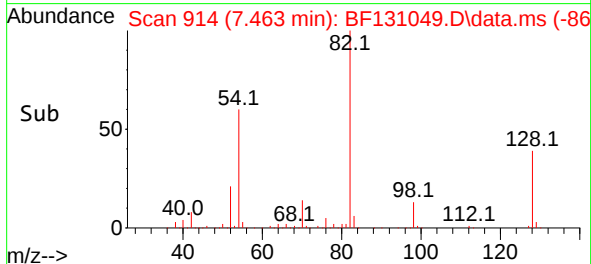
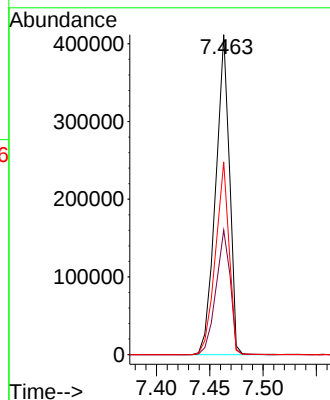
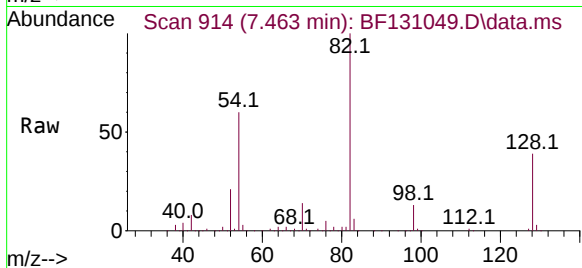
Tgt Ion: 82 Resp: 372040

Ion Ratio Lower Upper

82 100

128 38.9 31.3 46.9

54 60.2 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: BF131049.D

Acq: 07 Nov 2022 18:18

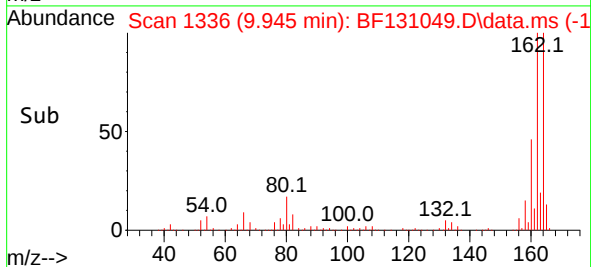
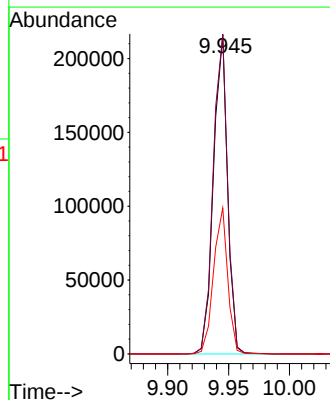
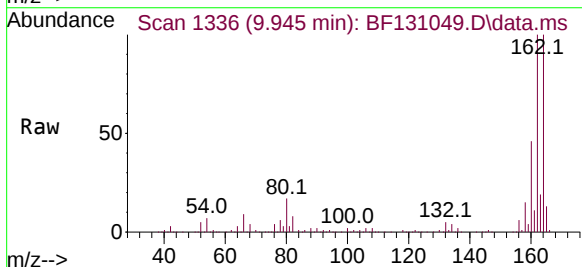
Tgt Ion:164 Resp: 174033

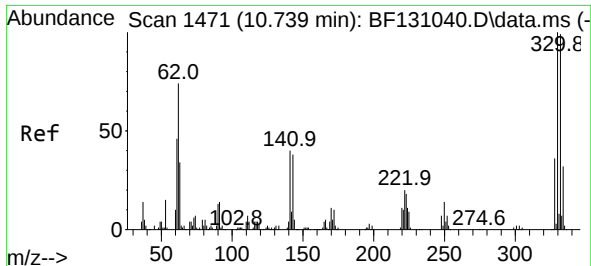
Ion Ratio Lower Upper

164 100

162 100.3 85.0 127.6

160 45.8 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 75.376 ng

RT: 10.733 min Scan# 1471

Delta R.T. -0.006 min

Lab File: BF131049.D

Acq: 07 Nov 2022 18:18

Instrument :

BNA_F

ClientSampleId :

R-15

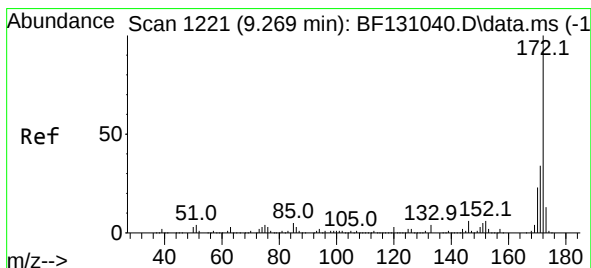
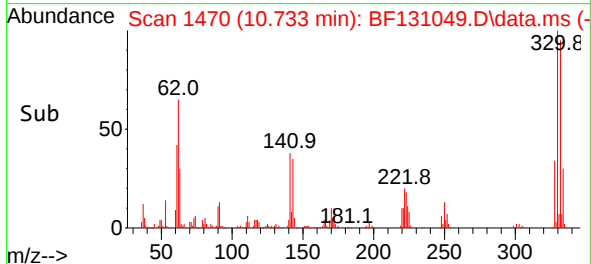
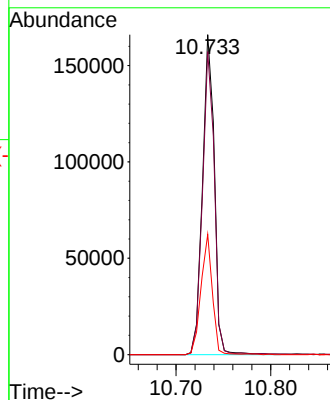
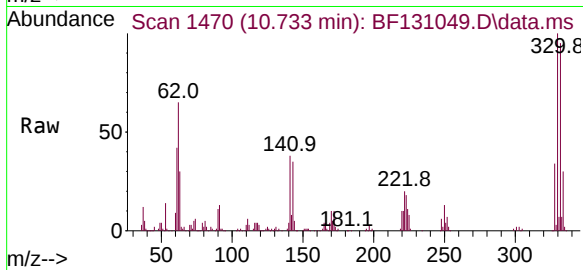
Tgt Ion:330 Resp: 144425

Ion Ratio Lower Upper

330 100

332 95.2 77.0 115.4

141 35.8 28.3 42.5



#45

2-Fluorobiphenyl

Concen: 52.738 ng

RT: 9.263 min Scan# 1220

Delta R.T. -0.006 min

Lab File: BF131049.D

Acq: 07 Nov 2022 18:18

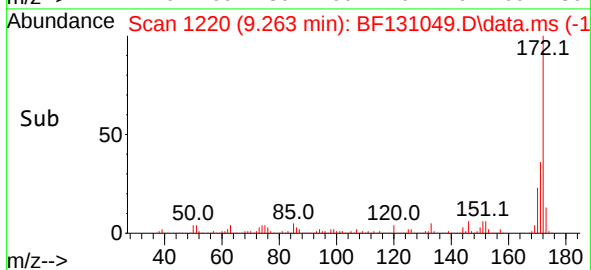
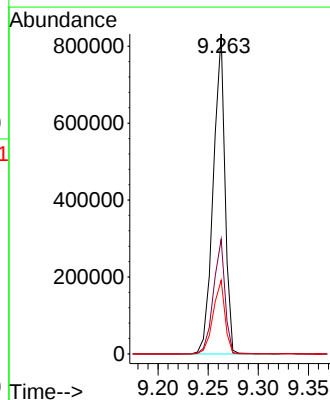
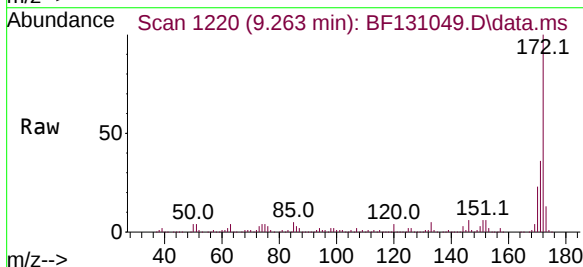
Tgt Ion:172 Resp: 673464

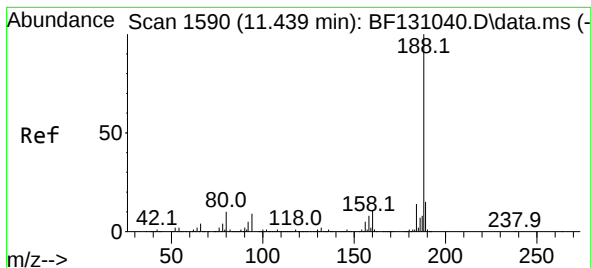
Ion Ratio Lower Upper

172 100

171 35.8 27.7 41.5

170 23.0 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: BF131049.D

Acq: 07 Nov 2022 18:18

Instrument :

BNA_F

ClientSampleId :

R-15

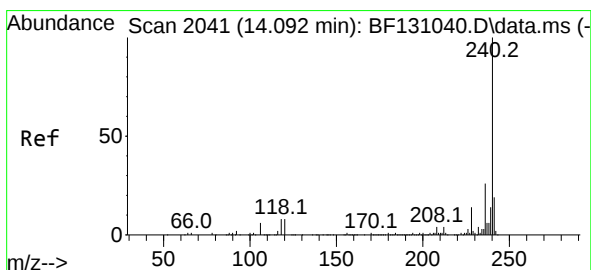
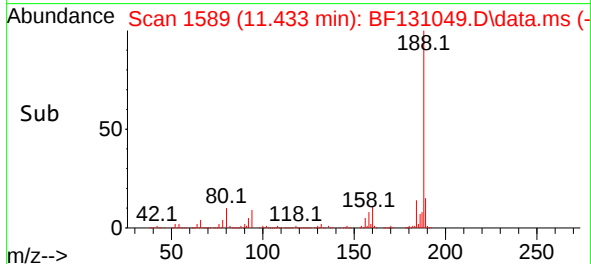
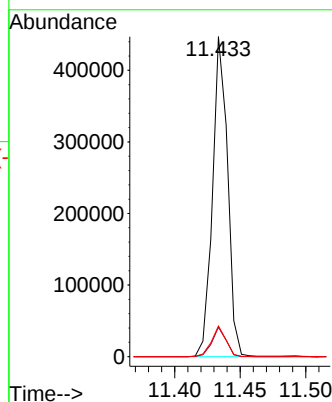
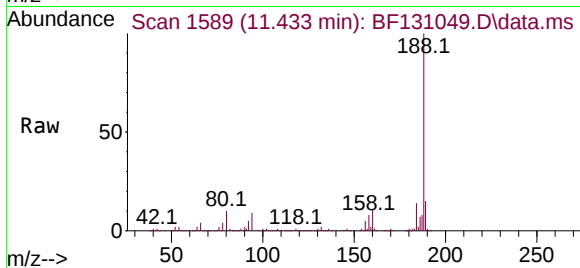
Tgt Ion:188 Resp: 357609

Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.6

80 9.6 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: BF131049.D

Acq: 07 Nov 2022 18:18

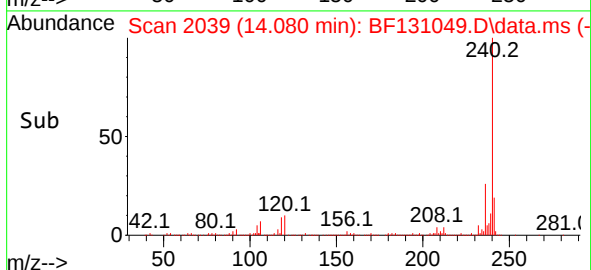
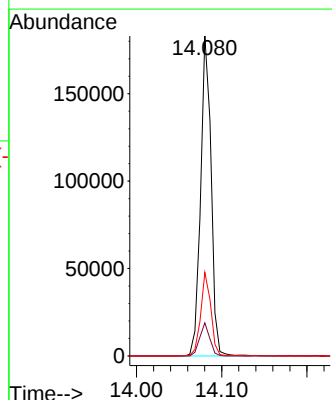
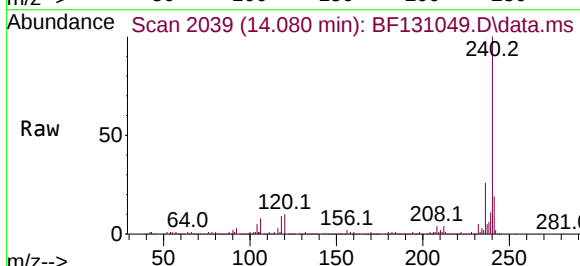
Tgt Ion:240 Resp: 156128

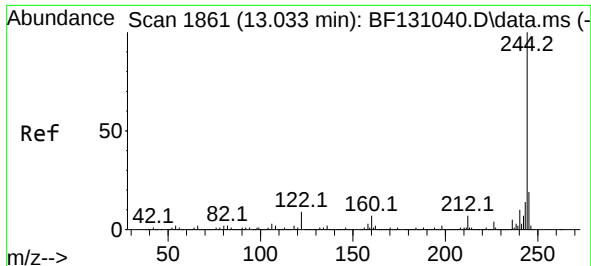
Ion Ratio Lower Upper

240 100

120 10.3 6.7 10.1#

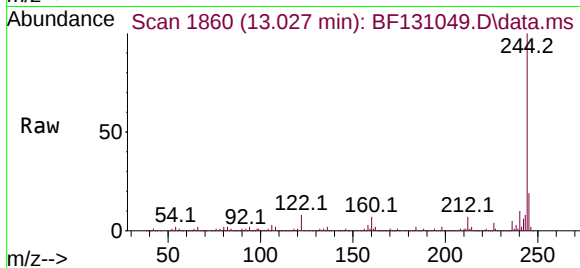
236 26.1 20.8 31.2



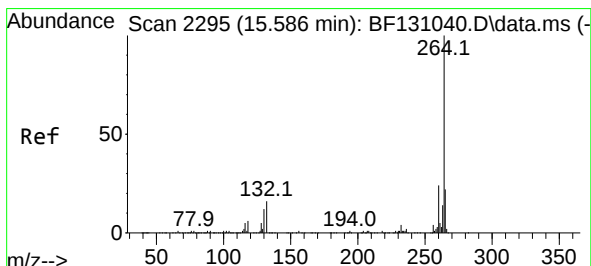
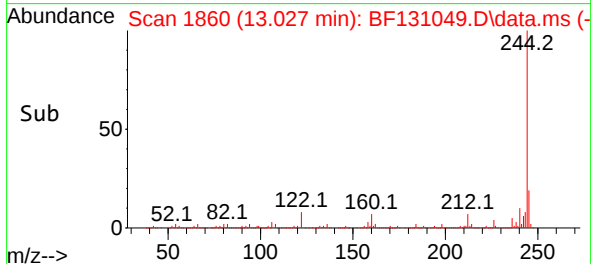
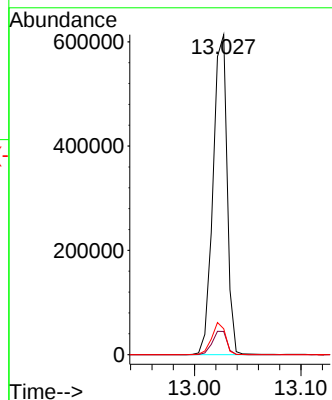


#79
 Terphenyl-d14
 Concen: 57.856 ng
 RT: 13.027 min Scan# 1860
 Delta R.T. -0.006 min
 Lab File: BF131049.D
 Acq: 07 Nov 2022 18:18

Instrument :
 BNA_F
 ClientSampleId :
 R-15

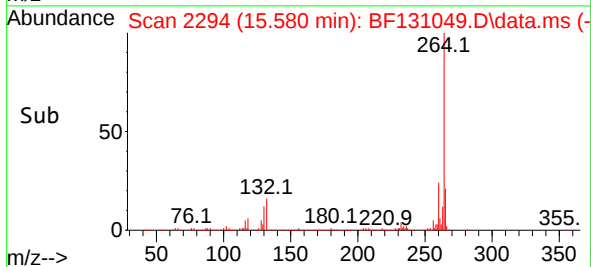
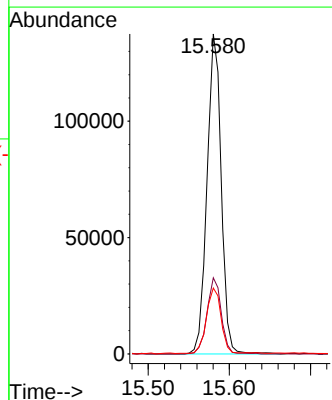
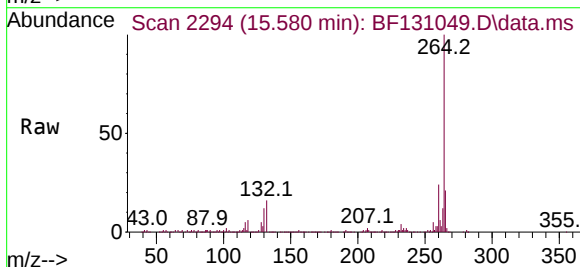


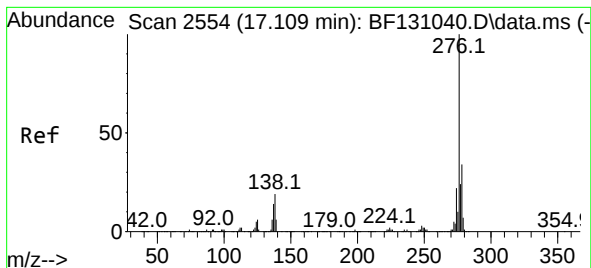
Tgt Ion:244 Resp: 563415
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 8.1 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.580 min Scan# 2294
 Delta R.T. -0.006 min
 Lab File: BF131049.D
 Acq: 07 Nov 2022 18:18

Tgt Ion:264 Resp: 167538
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 20.6 17.3 25.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.673 ng

RT: 17.092 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF131049.D

Acq: 07 Nov 2022 18:18

Instrument :

BNA_F

ClientSampleId :

R-15

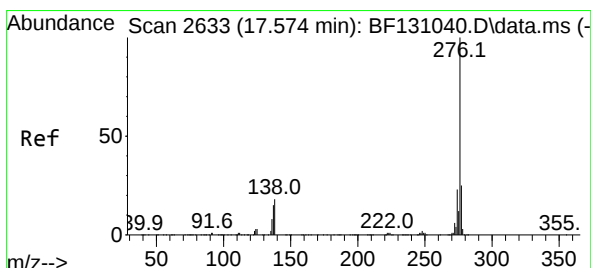
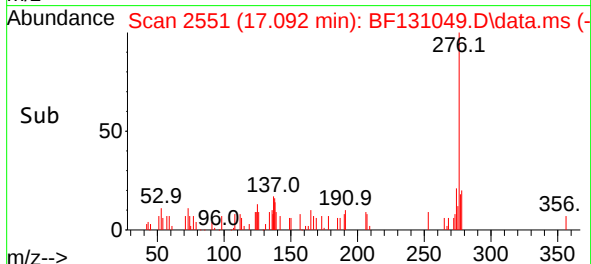
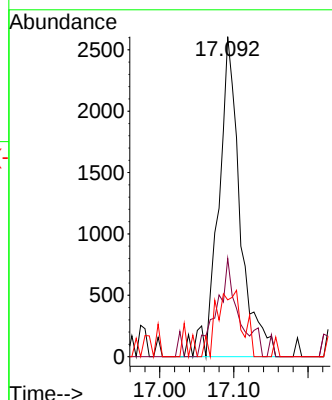
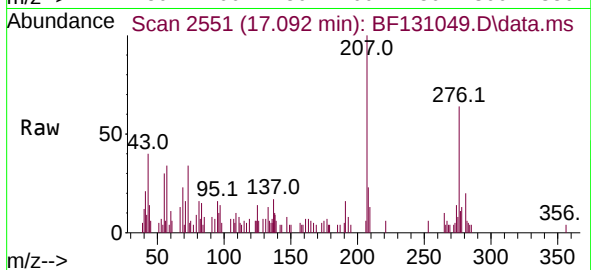
Tgt Ion:276 Resp: 5299

Ion Ratio Lower Upper

276 100

138 31.1 17.3 25.9#

277 24.2 20.2 30.4



#92

Benzo(g,h,i)perylene

Concen: 3.847 ng

RT: 17.551 min Scan# 2629

Delta R.T. -0.023 min

Lab File: BF131049.D

Acq: 07 Nov 2022 18:18

Tgt Ion:276 Resp: 5752

Ion Ratio Lower Upper

276 100

277 18.0 20.0 30.0#

138 18.9 14.8 22.2

