

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110822\
 Data File : BF131065.D
 Acq On : 08 Nov 2022 14:10
 Operator : CG\JU
 Sample : N5415-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-22

Quant Time: Nov 08 15:46:10 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)

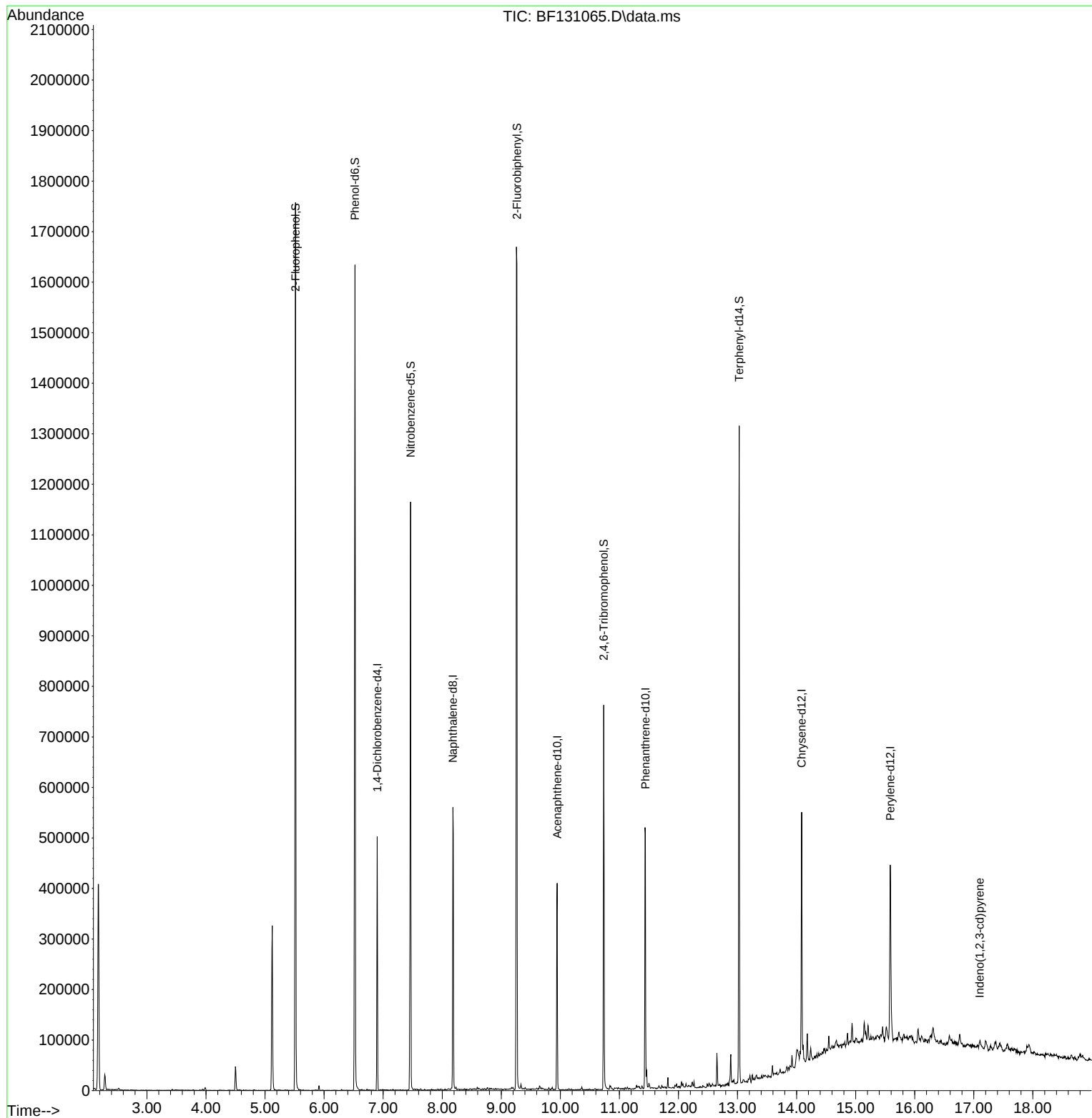
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	60446	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	240178	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	79916	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	195026	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	152862	20.000	ng	0.00
86) Perylene-d12	15.586	264	155675	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	392550	104.719	ng	0.00
7) Phenol-d6	6.522	99	491066	107.328	ng	0.00
23) Nitrobenzene-d5	7.463	82	323823	62.496	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	75329	85.615	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	526680	89.816	ng	0.00
79) Terphenyl-d14	13.027	244	414364	43.460	ng	0.00
Target Compounds						
87) Indeno(1,2,3-cd)pyrene	17.098	276	8580	3.933	ng	Qvalue # 78

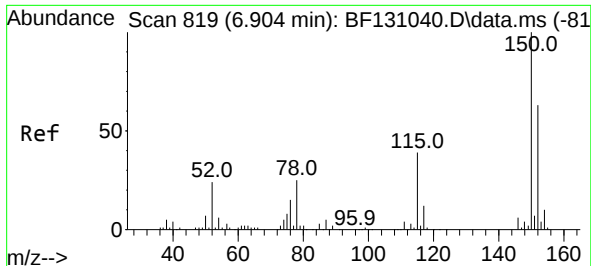
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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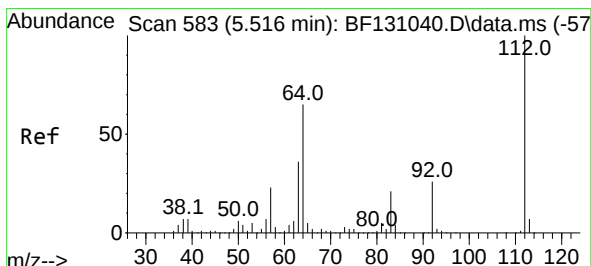
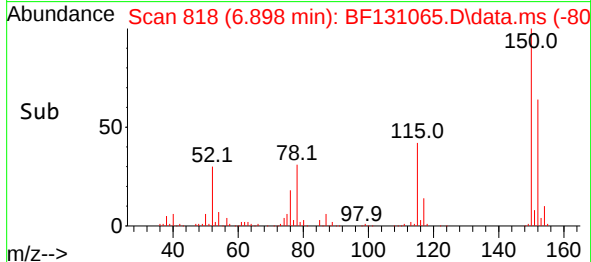
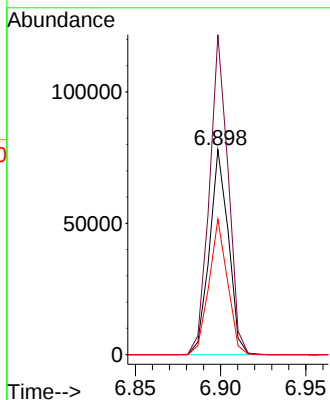
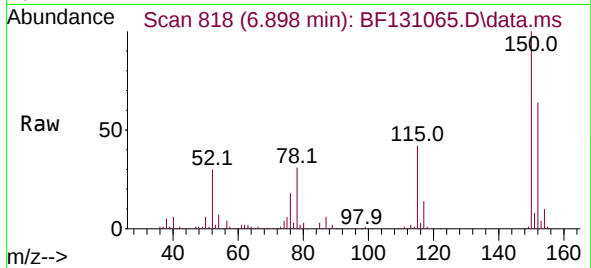




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 819
 Delta R.T. -0.006 min
 Lab File: BF131065.D
 Acq: 08 Nov 2022 14:10

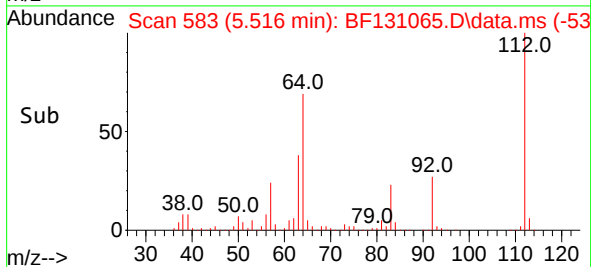
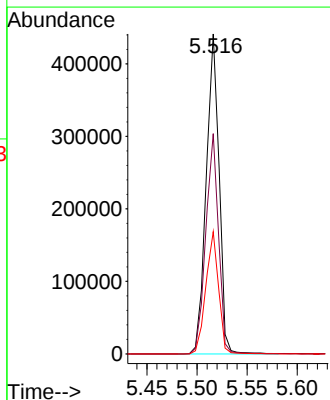
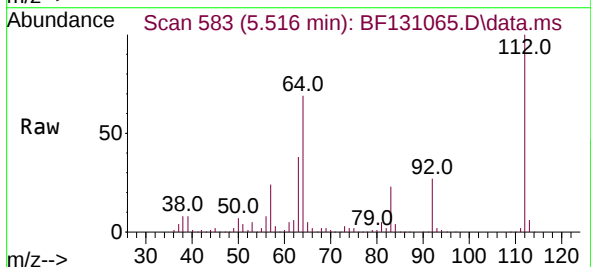
Instrument :
 BNA_F
 ClientSampleId :
 R-22

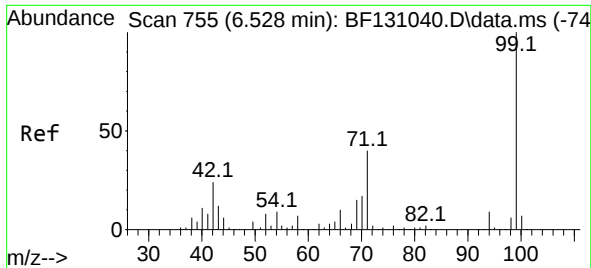
Tgt Ion:152 Resp: 60446
 Ion Ratio Lower Upper
 152 100
 150 156.1 126.6 189.8
 115 66.2 49.1 73.7



#5
 2-Fluorophenol
 Concen: 104.719 ng
 RT: 5.516 min Scan# 583
 Delta R.T. 0.000 min
 Lab File: BF131065.D
 Acq: 08 Nov 2022 14:10

Tgt Ion:112 Resp: 392550
 Ion Ratio Lower Upper
 112 100
 64 68.8 52.2 78.4
 63 38.2 29.0 43.4

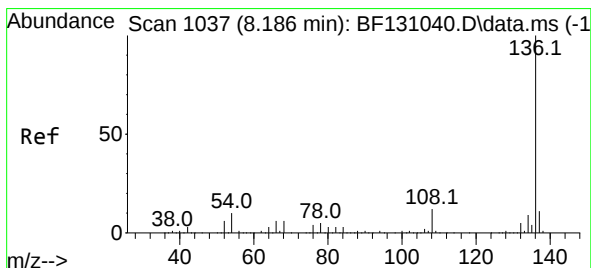
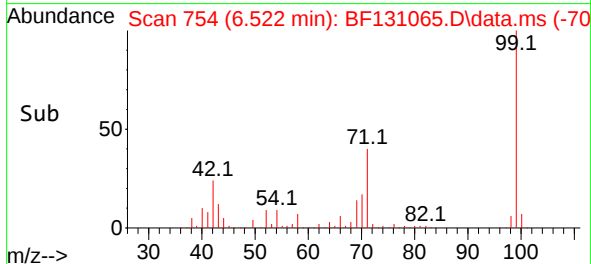
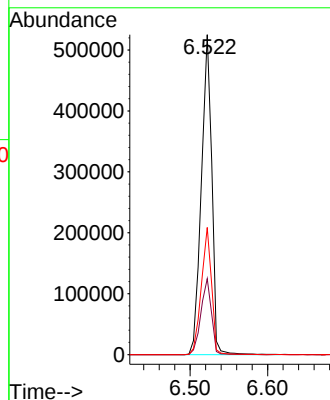
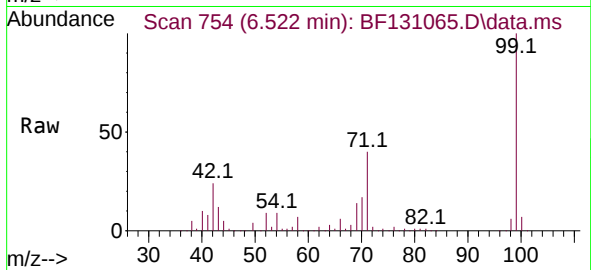




#7
Phenol-d6
Concen: 107.328 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131065.D
Acq: 08 Nov 2022 14:10

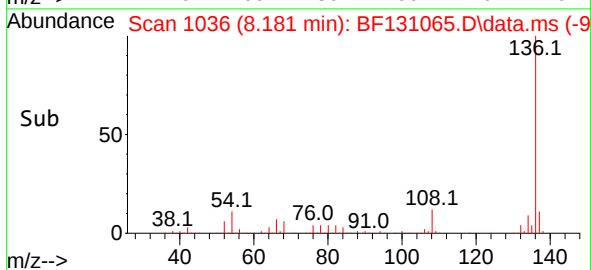
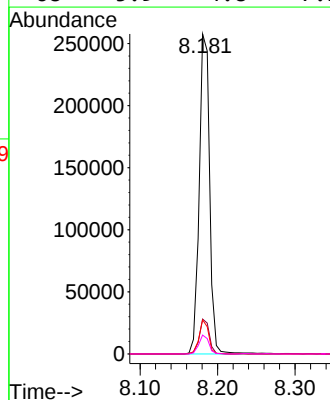
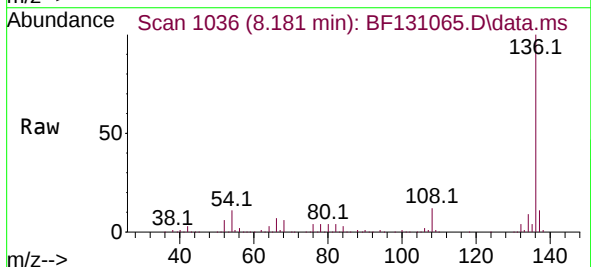
Instrument :
BNA_F
ClientSampleId :
R-22

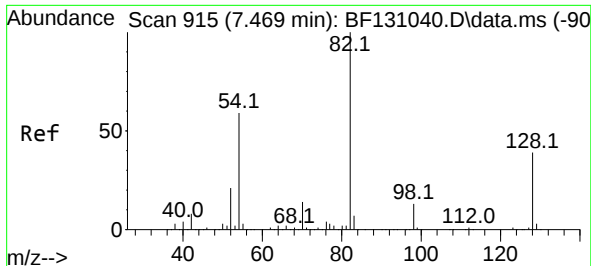
Tgt Ion: 99 Resp: 491066
Ion Ratio Lower Upper
99 100
42 23.7 19.4 29.0
71 39.7 31.8 47.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF131065.D
Acq: 08 Nov 2022 14:10

Tgt Ion: 136 Resp: 240178
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.6 8.2 12.2
68 5.9 4.8 7.2





#23

Nitrobenzene-d5

Concen: 62.496 ng

RT: 7.463 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF131065.D

Acq: 08 Nov 2022 14:10

Instrument :

BNA_F

ClientSampleId :

R-22

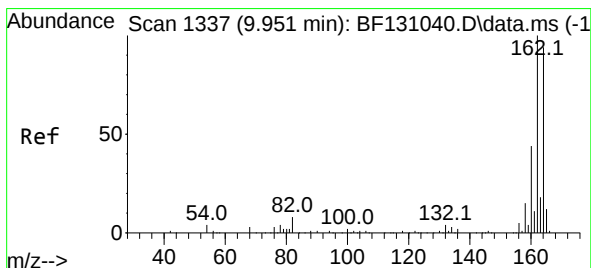
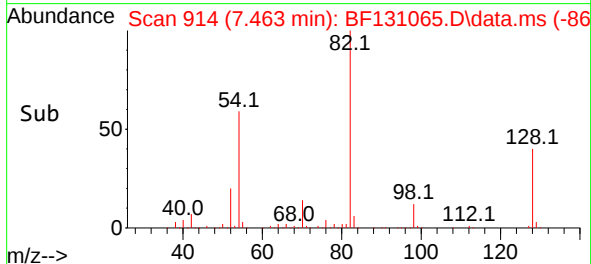
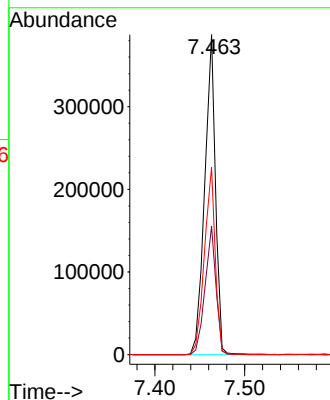
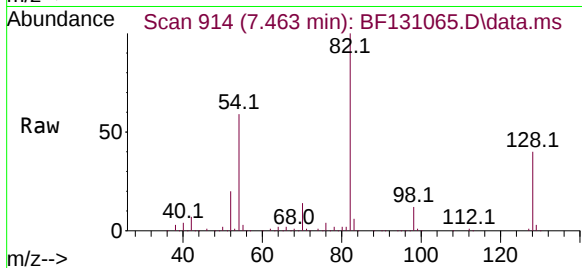
Tgt Ion: 82 Resp: 323823

Ion Ratio Lower Upper

82 100

128 40.2 31.3 46.9

54 58.6 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: BF131065.D

Acq: 08 Nov 2022 14:10

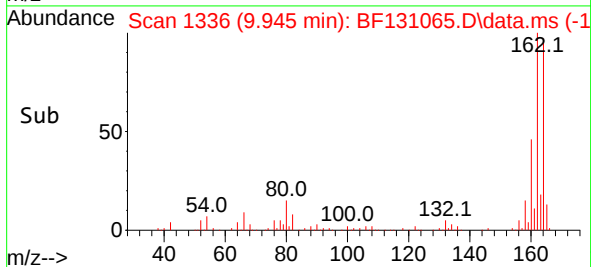
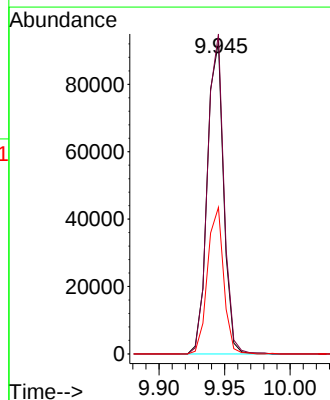
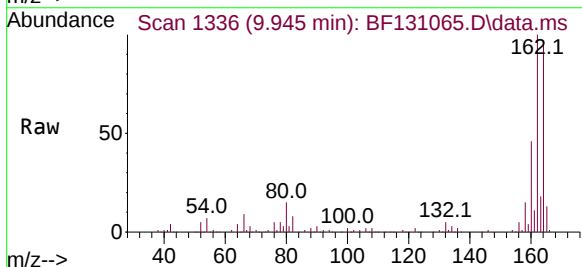
Tgt Ion:164 Resp: 79916

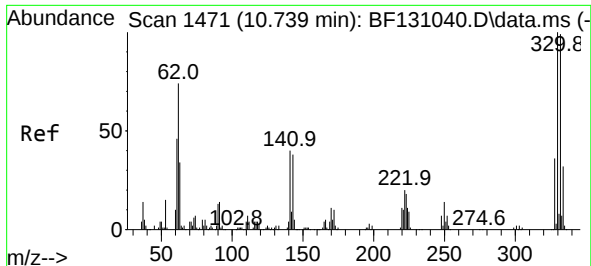
Ion Ratio Lower Upper

164 100

162 102.6 85.0 127.6

160 47.0 37.0 55.6

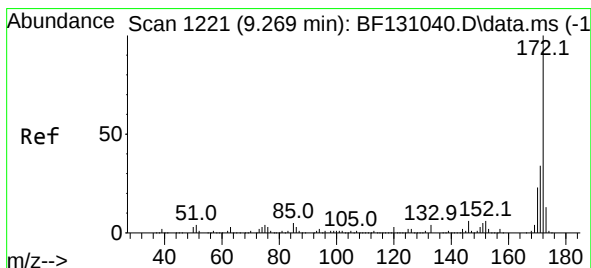
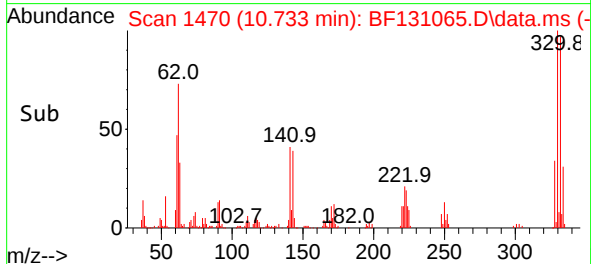
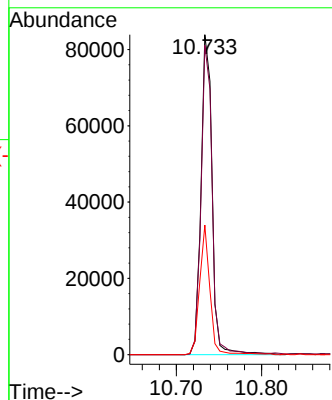
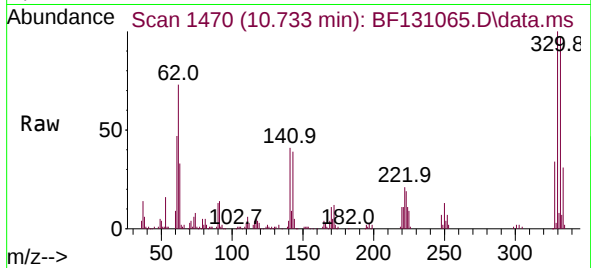




#42
2,4,6-Tribromophenol
Concen: 85.615 ng
RT: 10.733 min Scan# 1471
Delta R.T. -0.006 min
Lab File: BF131065.D
Acq: 08 Nov 2022 14:10

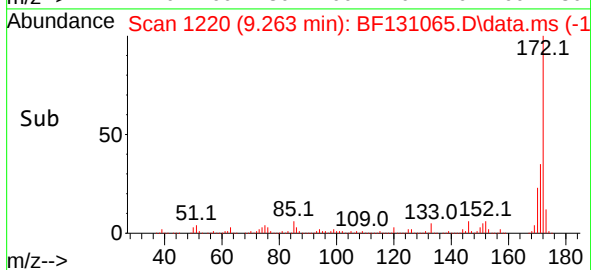
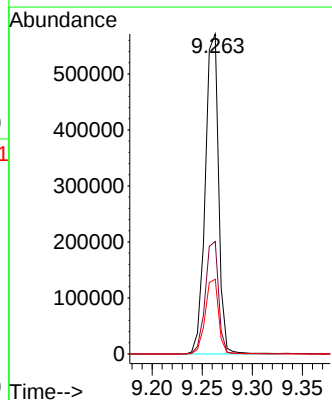
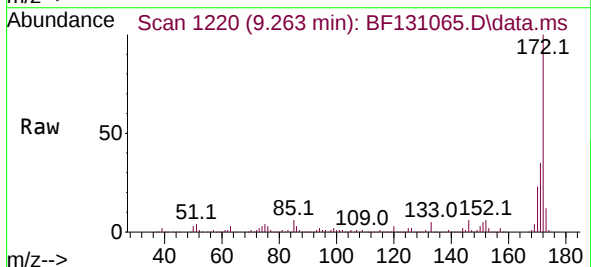
Instrument :
BNA_F
ClientSampleId :
R-22

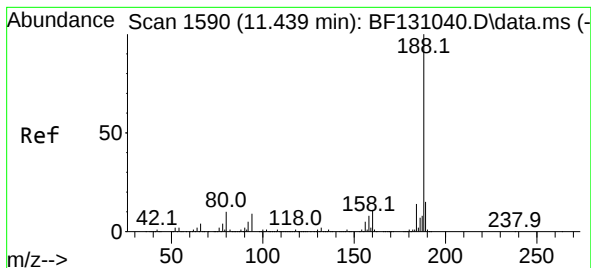
Tgt Ion: 330 Resp: 75329
Ion Ratio Lower Upper
330 100
332 97.3 77.0 115.4
141 37.9 28.3 42.5



#45
2-Fluorobiphenyl
Concen: 89.816 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF131065.D
Acq: 08 Nov 2022 14:10

Tgt Ion: 172 Resp: 526680
Ion Ratio Lower Upper
172 100
171 35.1 27.7 41.5
170 23.3 18.4 27.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.439 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131065.D

Acq: 08 Nov 2022 14:10

Instrument :

BNA_F

ClientSampleId :

R-22

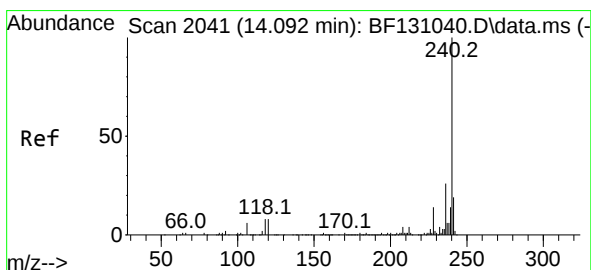
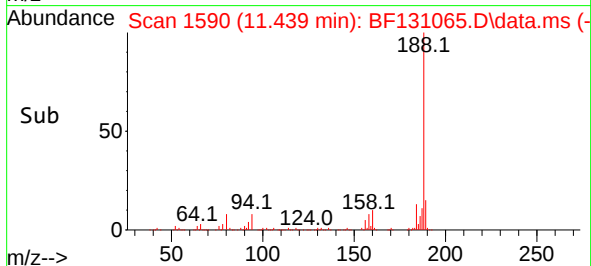
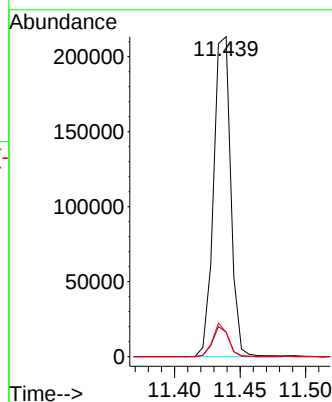
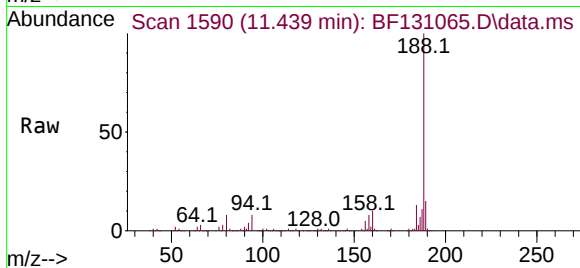
Tgt Ion:188 Resp: 195026

Ion Ratio Lower Upper

188 100

94 7.6 7.0 10.6

80 7.6 8.1 12.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.086 min Scan# 2040

Delta R.T. -0.006 min

Lab File: BF131065.D

Acq: 08 Nov 2022 14:10

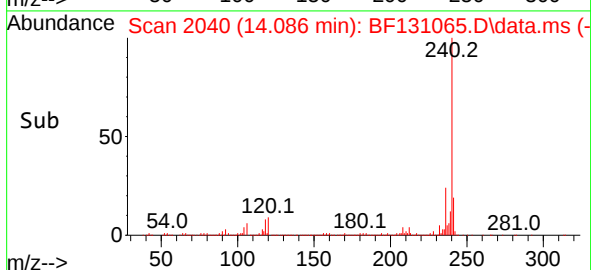
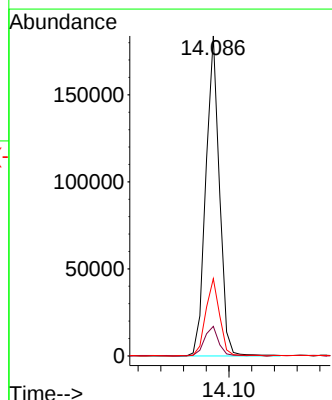
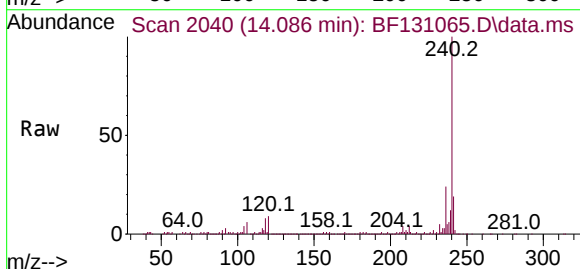
Tgt Ion:240 Resp: 152862

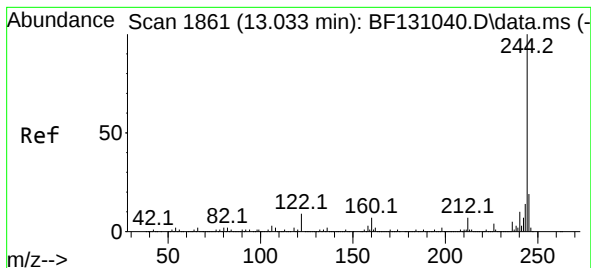
Ion Ratio Lower Upper

240 100

120 9.2 6.7 10.1

236 24.1 20.8 31.2





#79

Terphenyl-d14

Concen: 43.460 ng

RT: 13.027 min Scan# 1860

Delta R.T. -0.006 min

Lab File: BF131065.D

Acq: 08 Nov 2022 14:10

Instrument :

BNA_F

ClientSampleId :

R-22

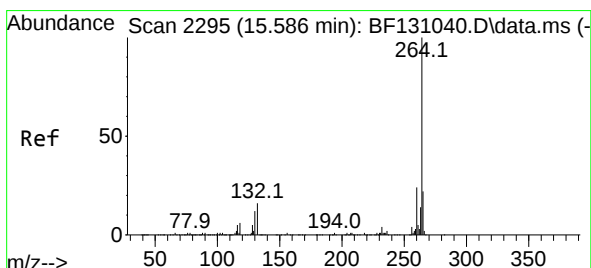
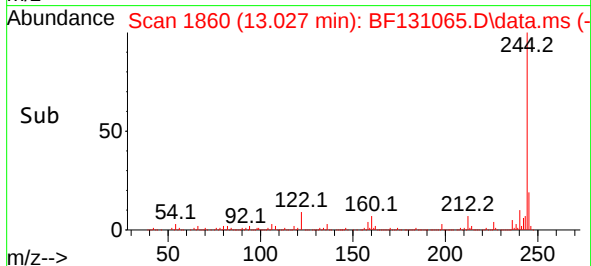
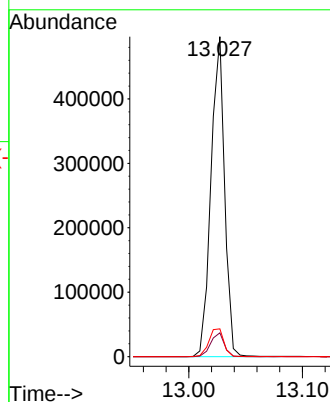
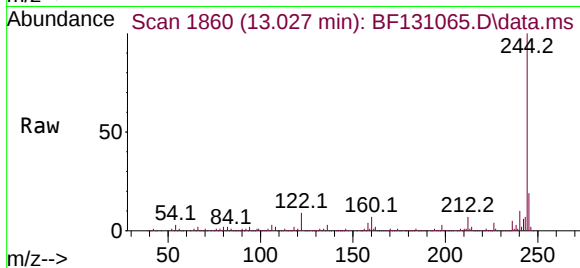
Tgt Ion:244 Resp: 414364

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 8.7 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: BF131065.D

Acq: 08 Nov 2022 14:10

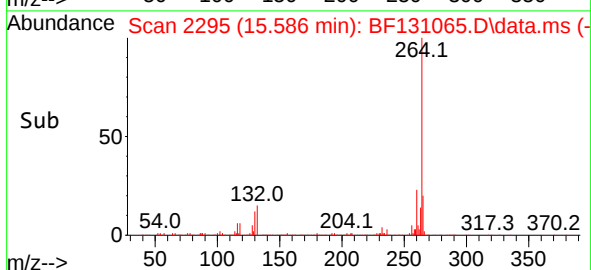
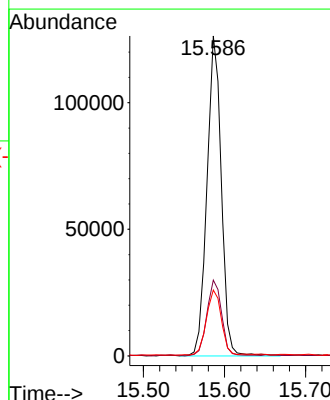
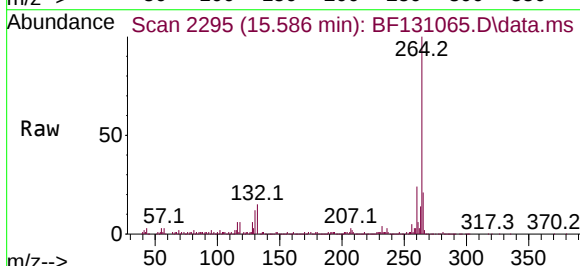
Tgt Ion:264 Resp: 155675

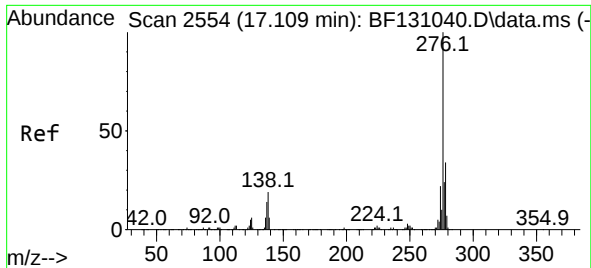
Ion Ratio Lower Upper

264 100

260 23.7 18.8 28.2

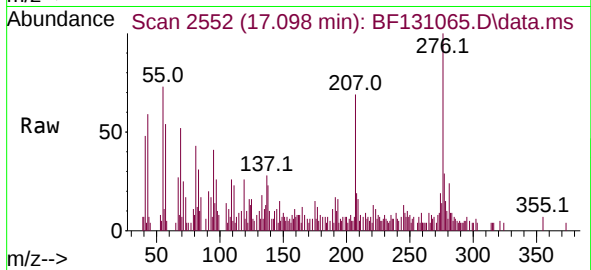
265 20.6 17.3 25.9





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 3.933 ng
 RT: 17.098 min Scan# 21
 Delta R.T. -0.011 min
 Lab File: BF131065.D
 Acq: 08 Nov 2022 14:10

Instrument :
 BNA_F
 ClientSampleId :
 R-22



Tgt Ion:276 Resp: 8580
 Ion Ratio Lower Upper
 276 100
 138 34.0 17.3 25.9#
 277 34.6 20.2 30.4#

