

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
 Data File : BF131868.D
 Acq On : 28 Dec 2022 19:06
 Operator : CG\JU
 Sample : N6219-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-21147

Quant Time: Dec 29 00:59:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 26 05:13:34 2022
 Response via : Initial Calibration

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

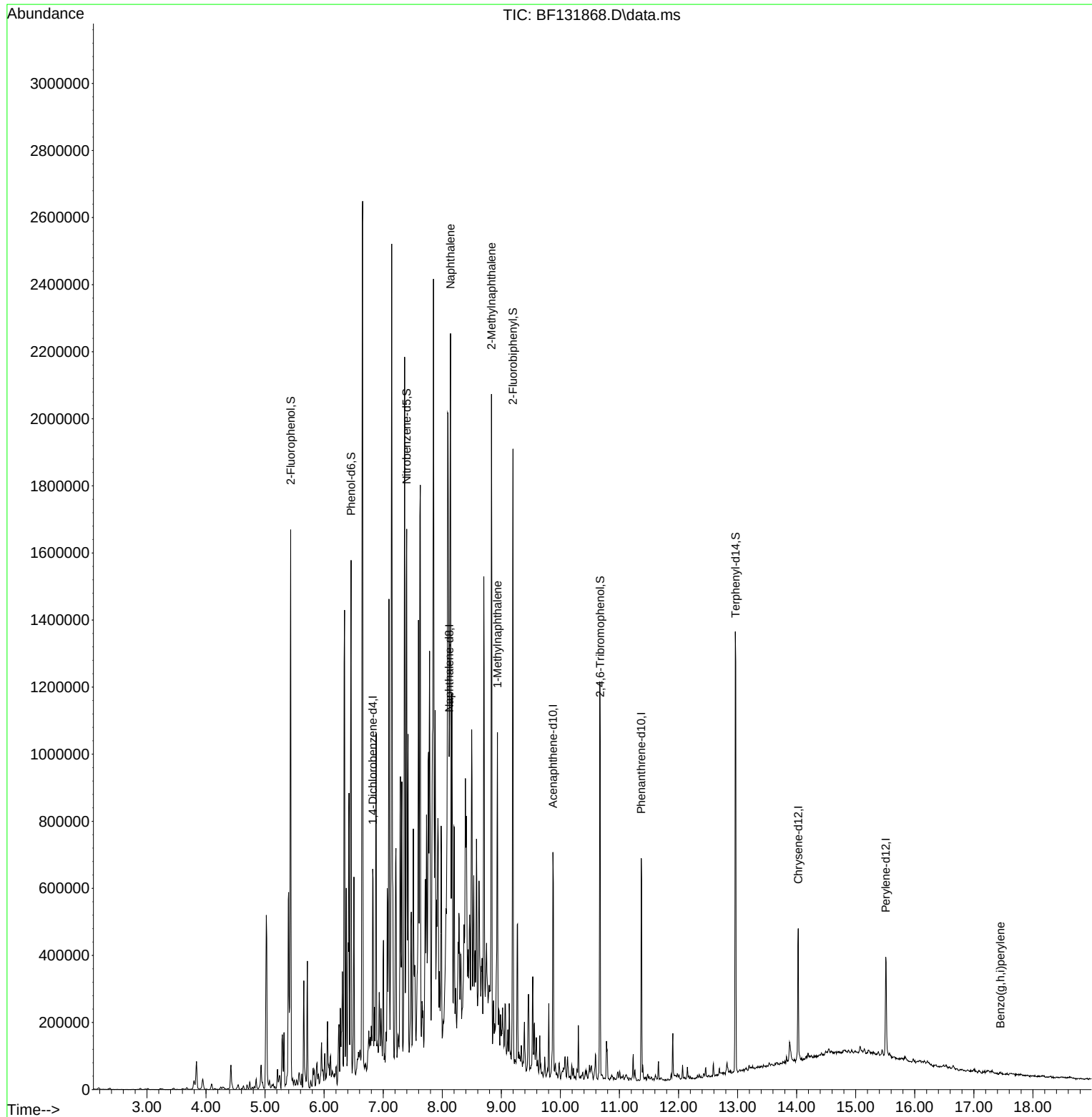
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	66079	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	229262	20.000	ng	-0.01
39) Acenaphthene-d10	9.875	164	131721	20.000	ng	-0.02
64) Phenanthrene-d10	11.369	188	241307	20.000	ng	#-0.02
76) Chrysene-d12	14.027	240	128160	20.000	ng	-0.01
86) Perylene-d12	15.510	264	141518	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	386614	96.960	ng	0.00
7) Phenol-d6	6.457	99	502254	95.875	ng	-0.01
23) Nitrobenzene-d5	7.398	82	342338	59.618	ng	-0.01
42) 2,4,6-Tribromophenol	10.675	330	125139	87.439	ng	-0.01
45) 2-Fluorobiphenyl	9.198	172	516076	53.665	ng	-0.01
79) Terphenyl-d14	12.969	244	451376	59.575	ng	-0.01
Target Compounds						
31) Naphthalene	8.139	128	471511	37.554	ng	# 95
37) 2-Methylnaphthalene	8.834	142	479689	56.925	ng	100
38) 1-Methylnaphthalene	8.934	142	205878	25.153	ng	99
92) Benzo(g,h,i)perylene	17.451	276	3809	5.637	ng	# 93

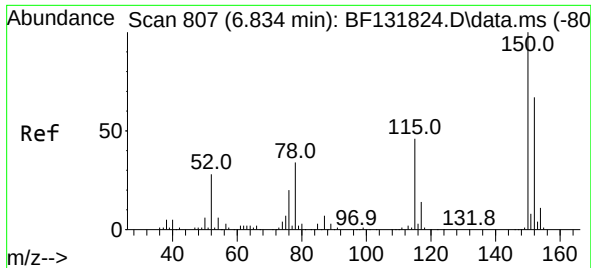
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122822\
Data File : BF131868.D
Acq On : 28 Dec 2022 19:06
Operator : CG\JU
Sample : N6219-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-21147

Quant Time: Dec 29 00:59:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 05:13:34 2022
Response via : Initial Calibration

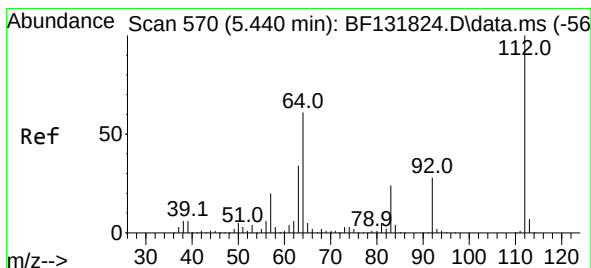
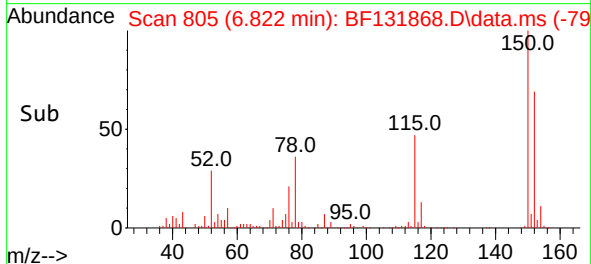
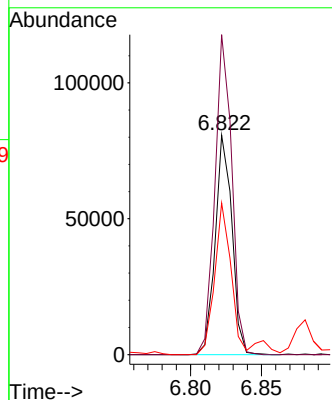
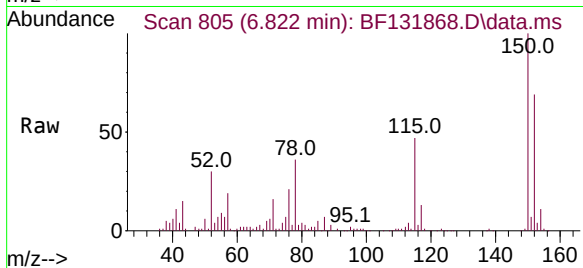




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

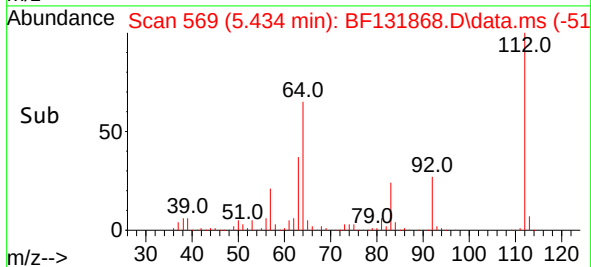
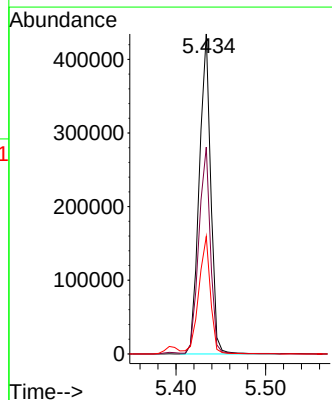
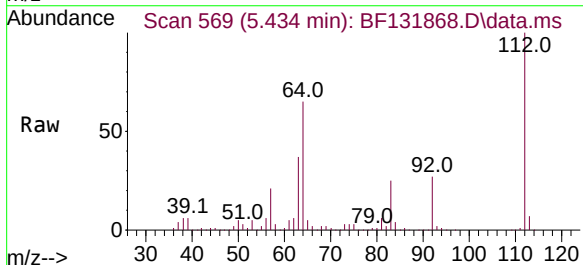
Instrument :
BNA_F
ClientSampleId :
RB-21147

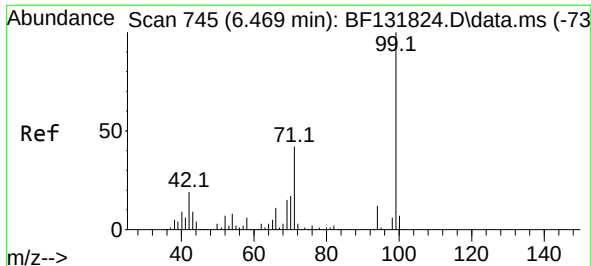
Tgt Ion:152 Resp: 66079
Ion Ratio Lower Upper
152 100
150 145.8 120.0 180.0
115 69.1 55.1 82.7



#5
2-Fluorophenol
Concen: 96.960 ng
RT: 5.434 min Scan# 569
Delta R.T. -0.006 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Tgt Ion:112 Resp: 386614
Ion Ratio Lower Upper
112 100
64 64.6 49.2 73.8
63 36.7 27.5 41.3





#7

Phenol-d6

Concen: 95.875 ng

RT: 6.457 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

Instrument :

BNA_F

ClientSampleId :

RB-21147

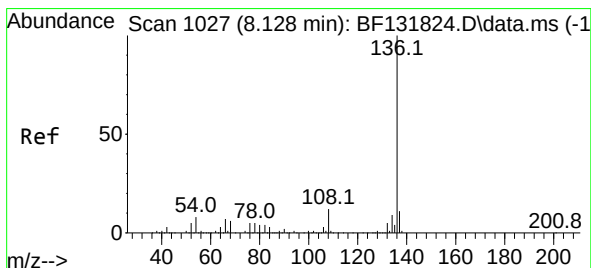
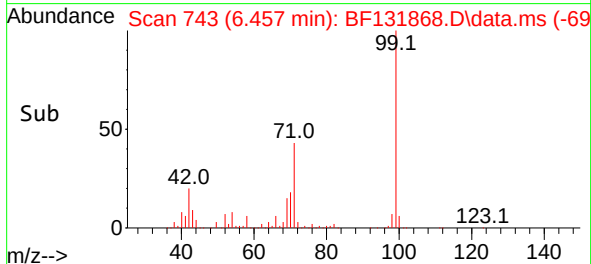
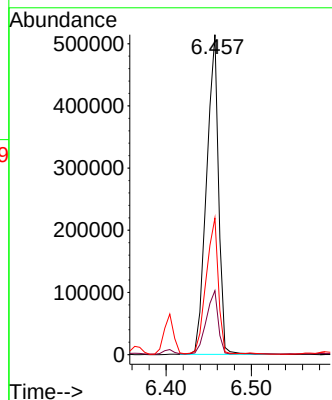
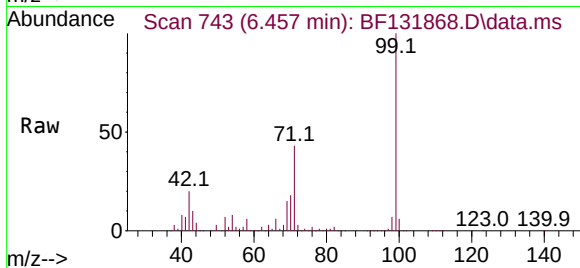
Tgt Ion: 99 Resp: 502254

Ion Ratio Lower Upper

99 100

42 20.0 15.3 22.9

71 42.7 33.5 50.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.012 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

Tgt Ion:136 Resp: 229262

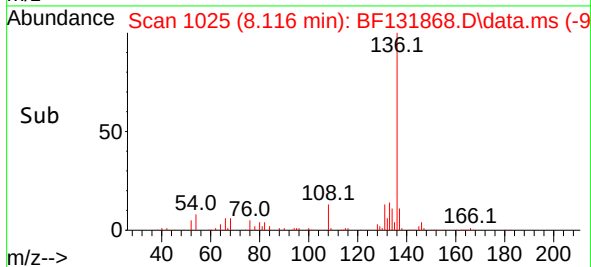
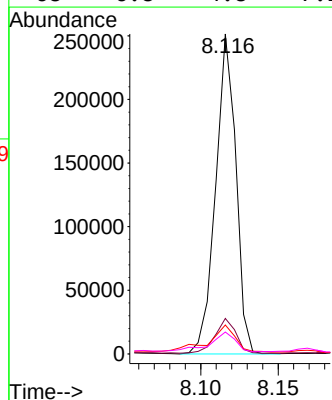
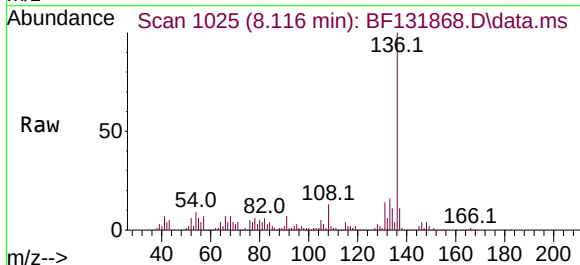
Ion Ratio Lower Upper

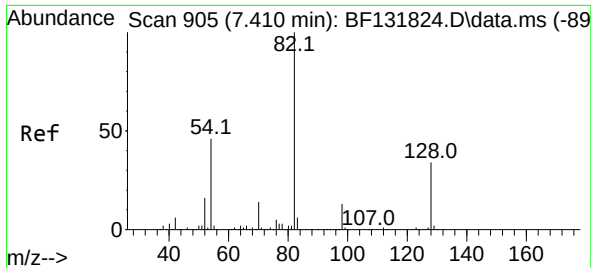
136 100

137 11.1 8.6 12.8

54 9.0 6.7 10.1

68 6.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 59.618 ng

RT: 7.398 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

Instrument :

BNA_F

ClientSampleId :

RB-21147

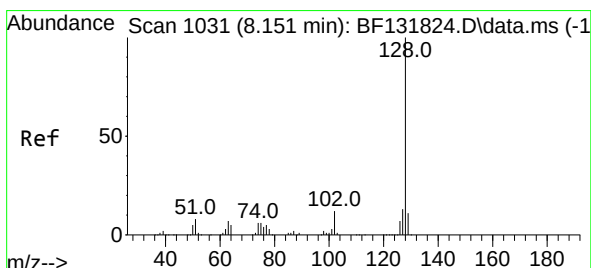
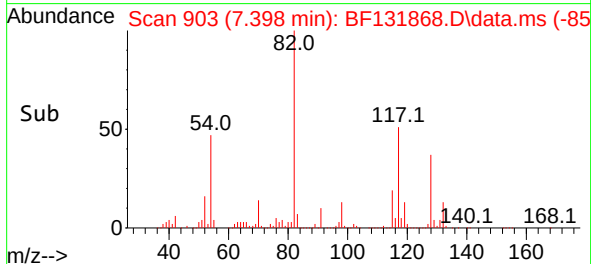
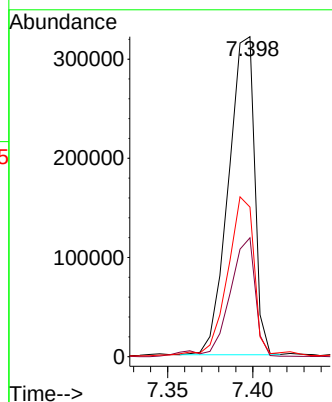
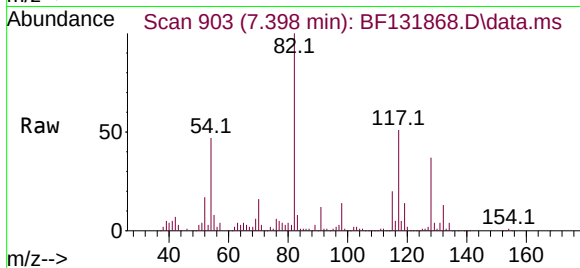
Tgt Ion: 82 Resp: 342338

Ion Ratio Lower Upper

82 100

128 37.1 27.1 40.7

54 46.7 37.0 55.6



#31

Naphthalene

Concen: 37.554 ng

RT: 8.139 min Scan# 1029

Delta R.T. -0.012 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

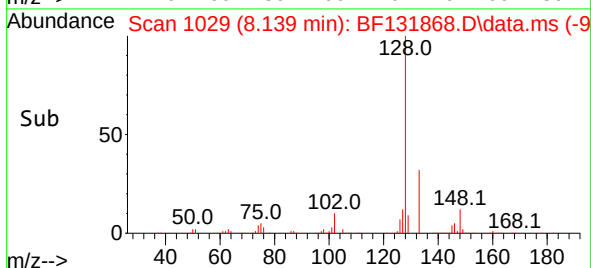
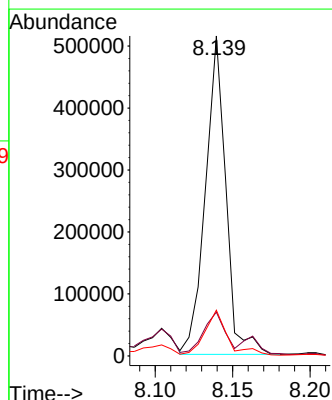
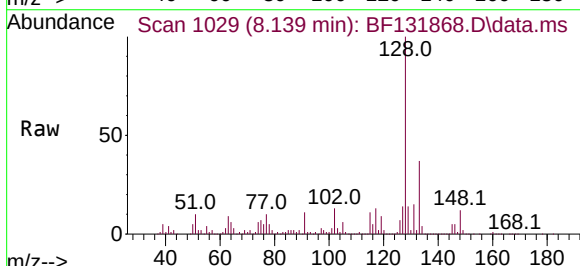
Tgt Ion:128 Resp: 471511

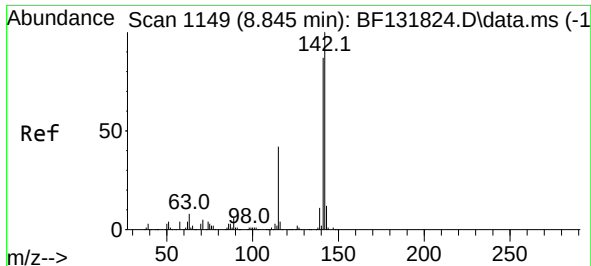
Ion Ratio Lower Upper

128 100

129 13.7 8.6 13.0#

127 14.3 10.6 15.8





#37

2-Methylnaphthalene

Concen: 56.925 ng

RT: 8.834 min Scan# 1149

Delta R.T. -0.012 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

Instrument :

BNA_F

ClientSampleId :

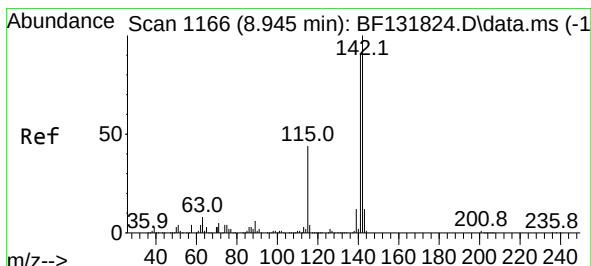
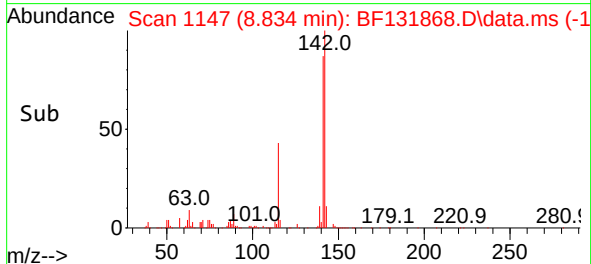
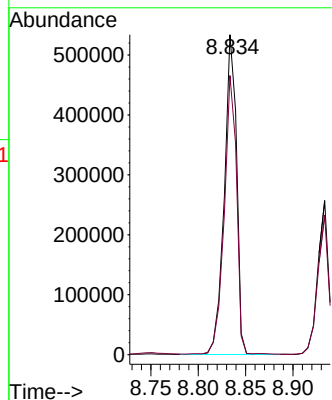
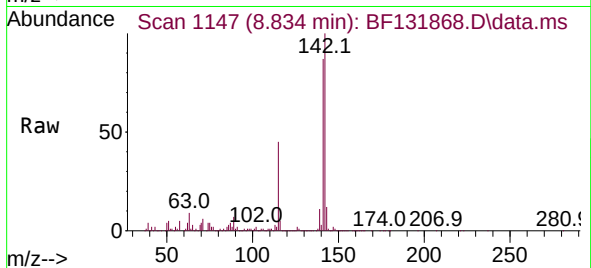
RB-21147

Tgt Ion:142 Resp: 479689

Ion Ratio Lower Upper

142 100

141 87.2 69.8 104.8



#38

1-Methylnaphthalene

Concen: 25.153 ng

RT: 8.934 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF131868.D

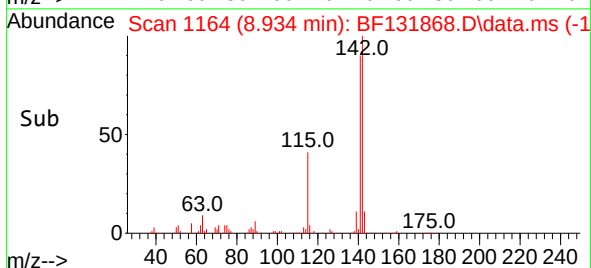
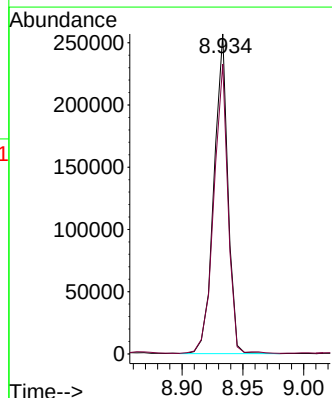
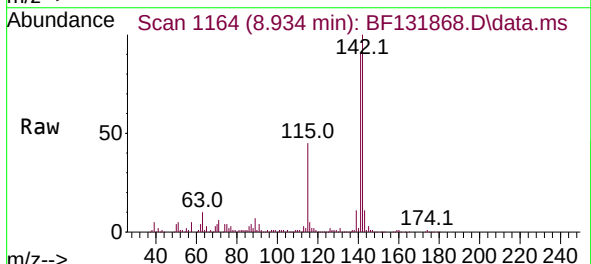
Acq: 28 Dec 2022 19:06

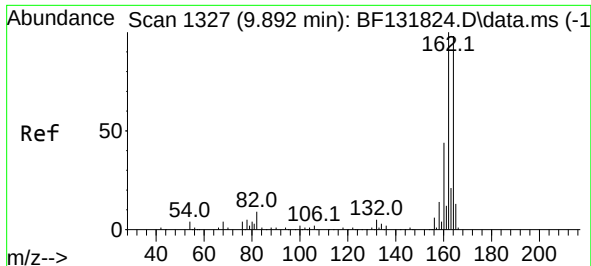
Tgt Ion:142 Resp: 205878

Ion Ratio Lower Upper

142 100

141 90.6 73.0 109.6

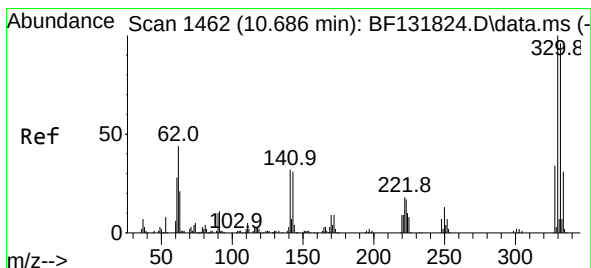
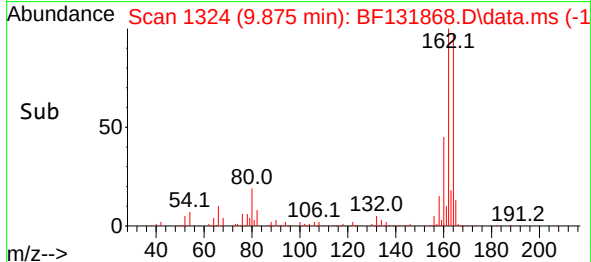
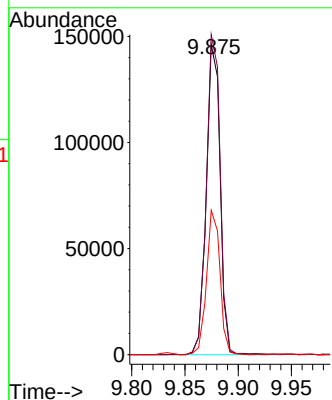
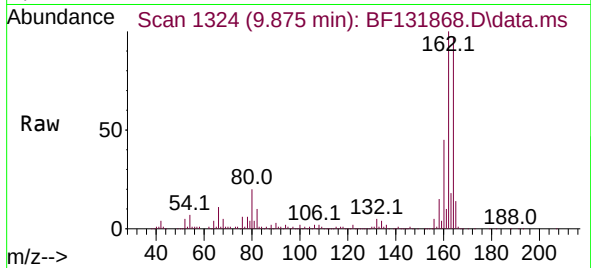




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

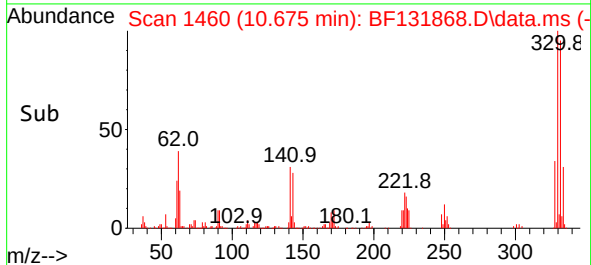
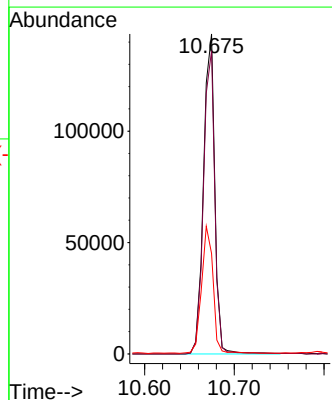
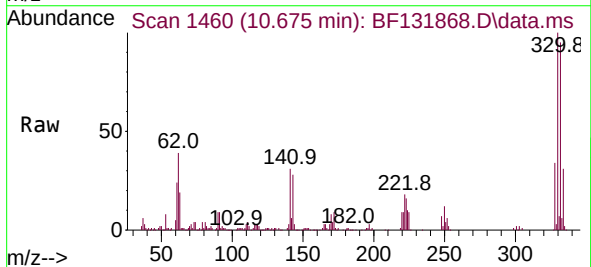
Instrument :
BNA_F
ClientSampleId :
RB-21147

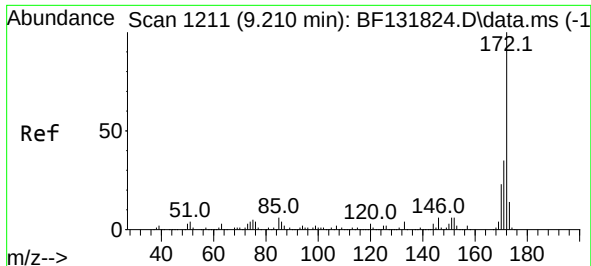
Tgt Ion:164 Resp: 131721
Ion Ratio Lower Upper
164 100
162 103.2 81.8 122.6
160 46.5 35.7 53.5



#42
2,4,6-Tribromophenol
Concen: 87.439 ng
RT: 10.675 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Tgt Ion:330 Resp: 125139
Ion Ratio Lower Upper
330 100
332 95.4 77.0 115.4
141 40.7 31.0 46.4

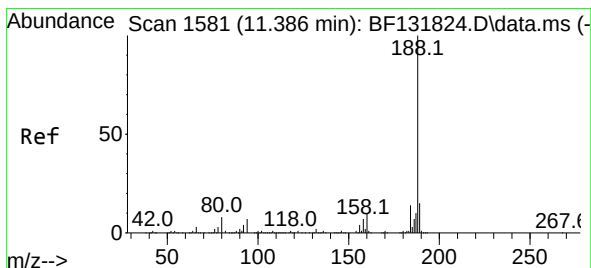
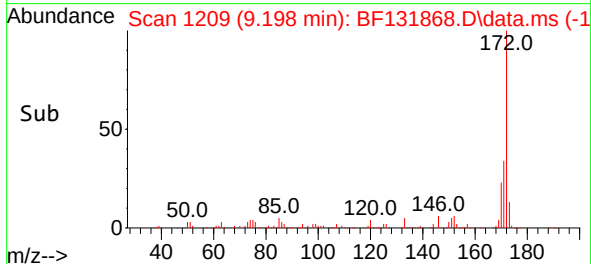
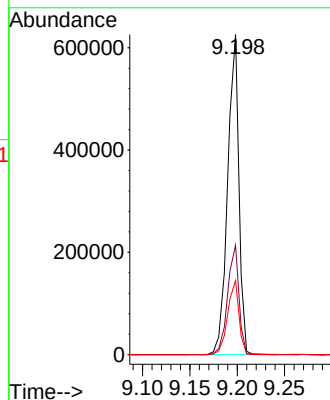
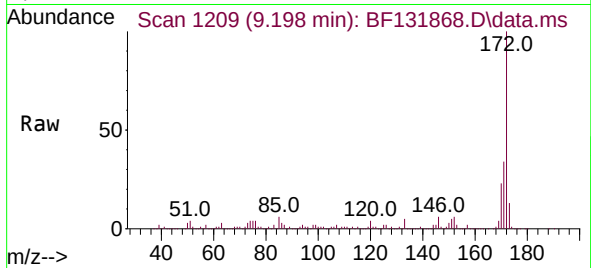




#45
2-Fluorobiphenyl
Concen: 53.665 ng
RT: 9.198 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

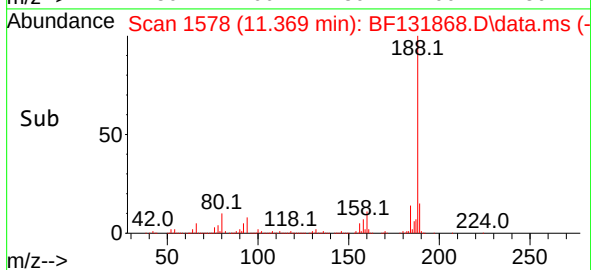
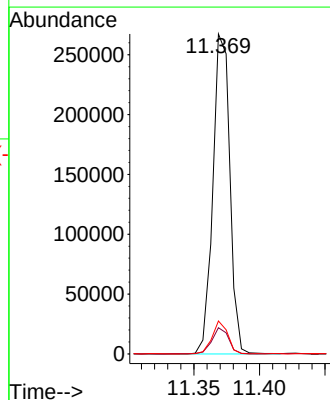
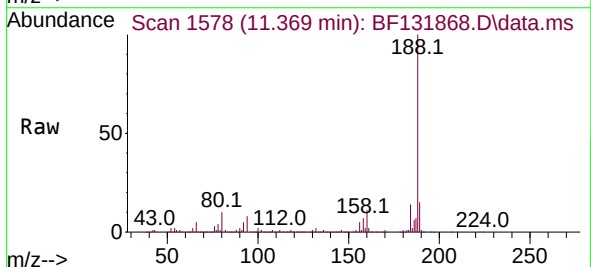
Instrument :
BNA_F
ClientSampleId :
RB-21147

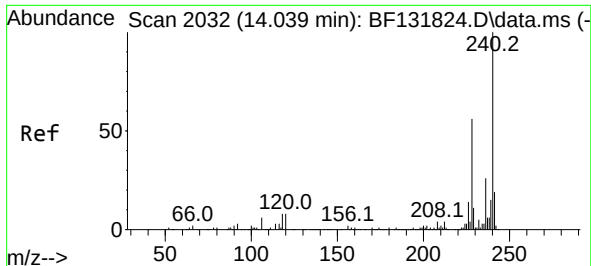
Tgt Ion:172 Resp: 516076
Ion Ratio Lower Upper
172 100
171 34.2 27.9 41.9
170 23.2 18.7 28.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.018 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Tgt Ion:188 Resp: 241307
Ion Ratio Lower Upper
188 100
94 8.2 5.8 8.6
80 10.3 6.7 10.1#

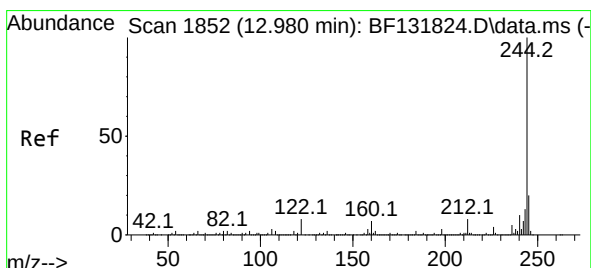
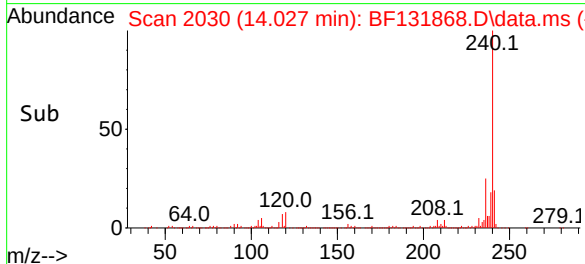
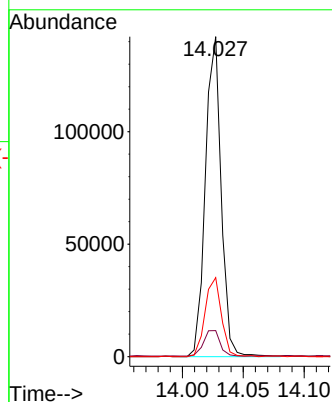
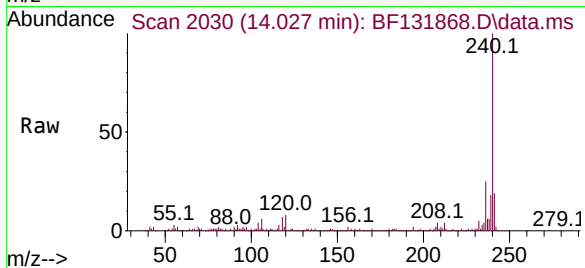




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

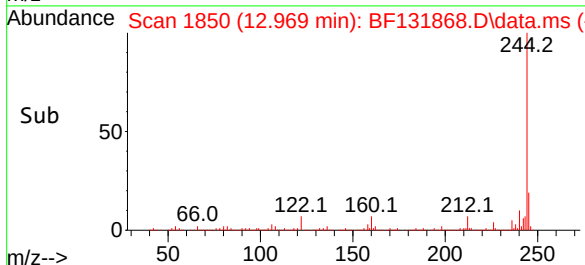
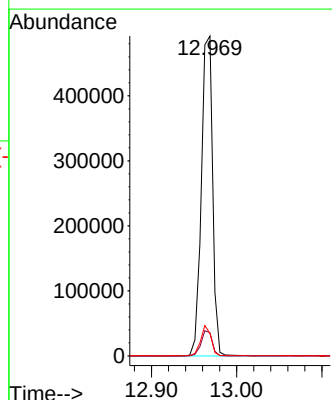
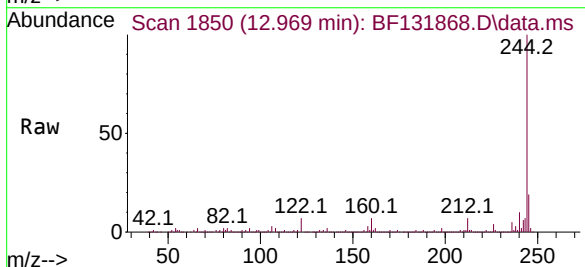
Instrument :
BNA_F
ClientSampleId :
RB-21147

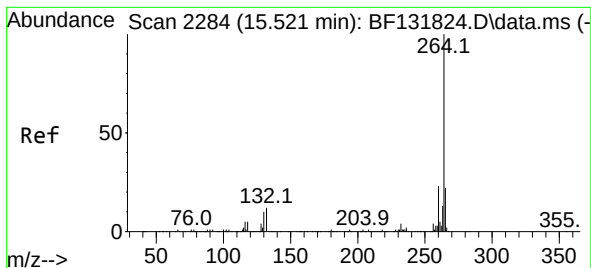
Tgt Ion:240 Resp: 128160
Ion Ratio Lower Upper
240 100
120 8.1 6.7 10.1
236 24.7 20.6 31.0



#79
Terphenyl-d14
Concen: 59.575 ng
RT: 12.969 min Scan# 1850
Delta R.T. -0.012 min
Lab File: BF131868.D
Acq: 28 Dec 2022 19:06

Tgt Ion:244 Resp: 451376
Ion Ratio Lower Upper
244 100
212 7.2 6.3 9.5
122 7.0 6.4 9.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

Instrument :

BNA_F

ClientSampleId :

RB-21147

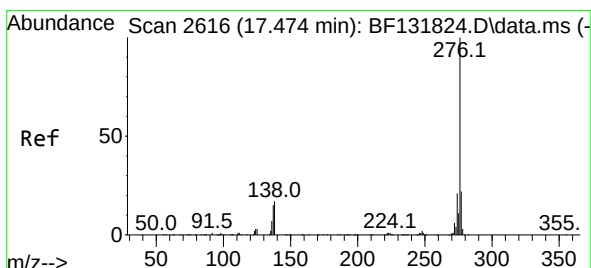
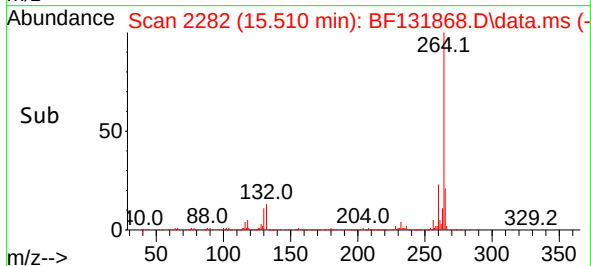
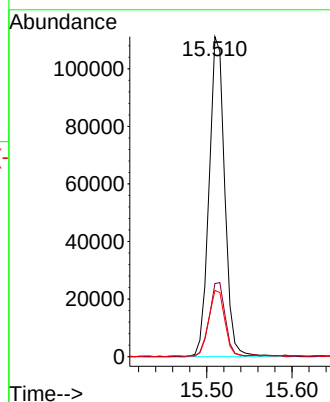
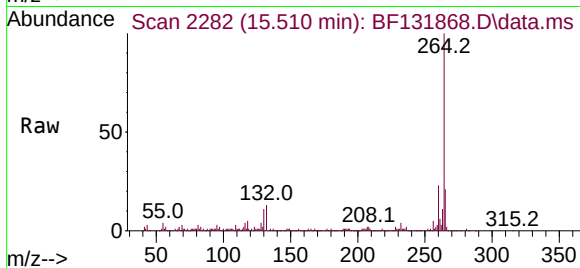
Tgt Ion:264 Resp: 141518

Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 20.7 17.4 26.0



#92

Benzo(g,h,i)perylene

Concen: 5.637 ng

RT: 17.451 min Scan# 2612

Delta R.T. -0.023 min

Lab File: BF131868.D

Acq: 28 Dec 2022 19:06

Tgt Ion:276 Resp: 3809

Ion Ratio Lower Upper

276 100

277 27.4 17.9 26.9#

138 18.2 13.7 20.5

