

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132066.D
 Acq On : 13 Jan 2023 18:55
 Operator : CG\JU
 Sample : 01133-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-2

Quant Time: Jan 16 01:18:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 23:59:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	88051	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	323795	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	186925	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	365605	20.000	ng	0.00
76) Chrysene-d12	13.963	240	182862	20.000	ng	0.00
86) Perylene-d12	15.421	264	192834	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	545598	102.103	ng	0.02
7) Phenol-d6	6.422	99	655963	92.585	ng	0.00
23) Nitrobenzene-d5	7.345	82	545553	69.928	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	228075	106.119	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	963197	69.561	ng	0.00
79) Terphenyl-d14	12.904	244	1035765	81.183	ng	0.00

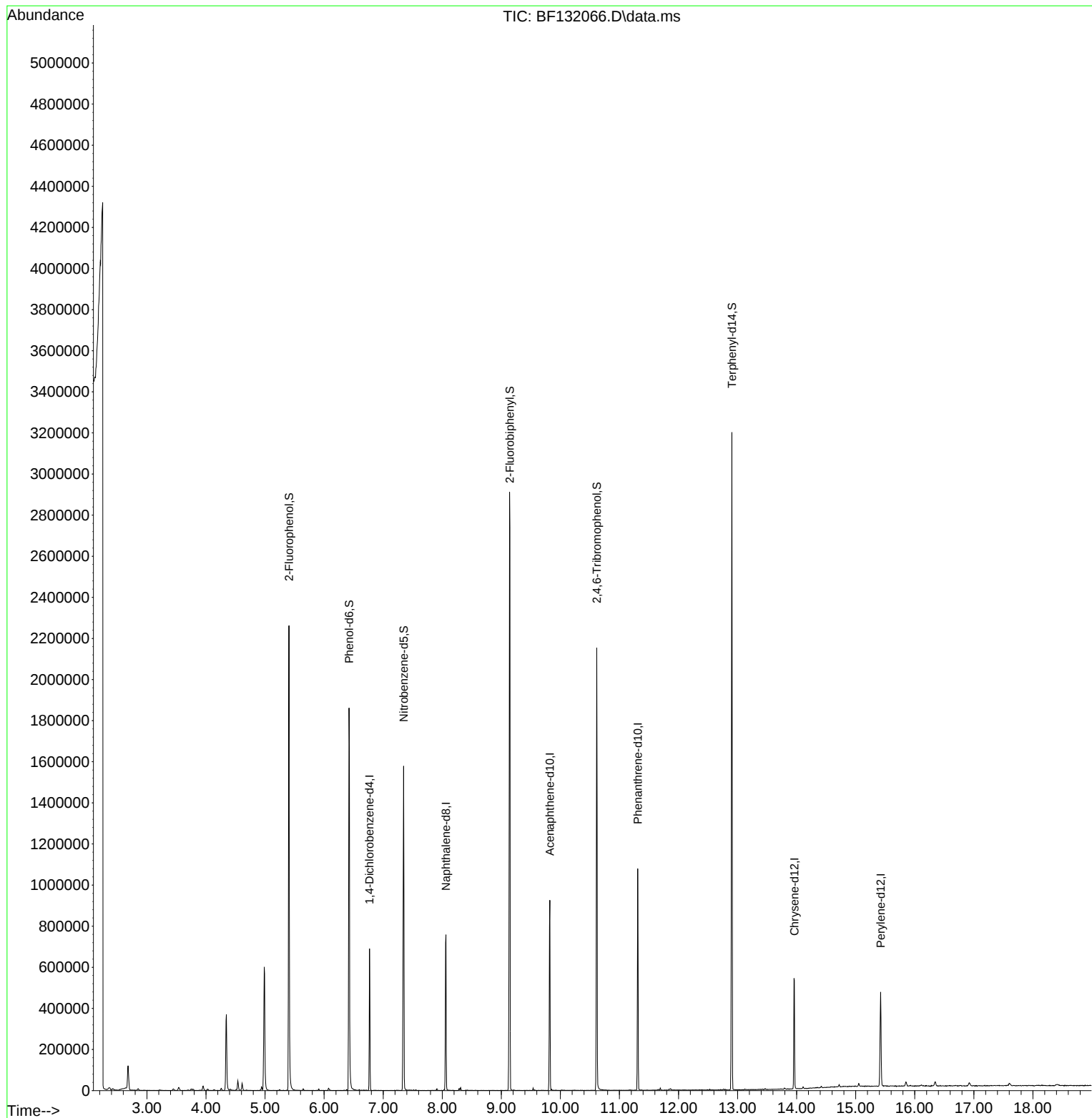
Target Compounds	Qvalue

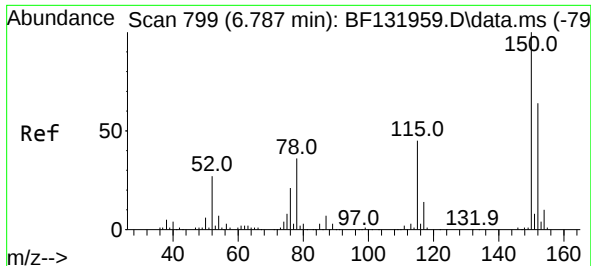
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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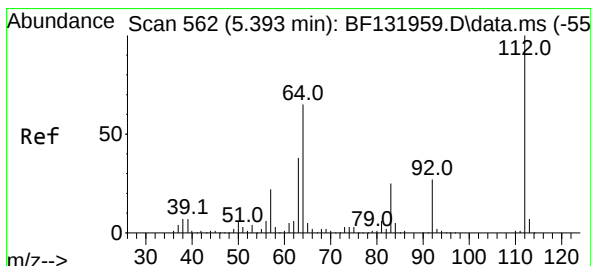
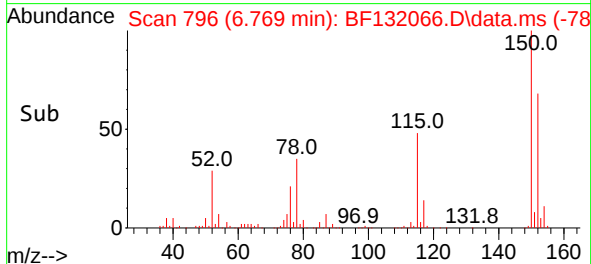
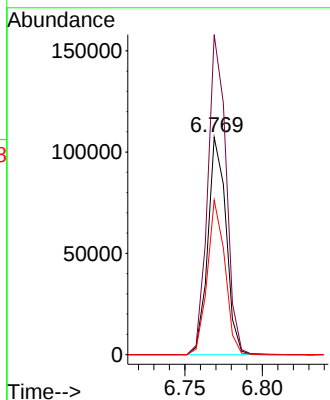
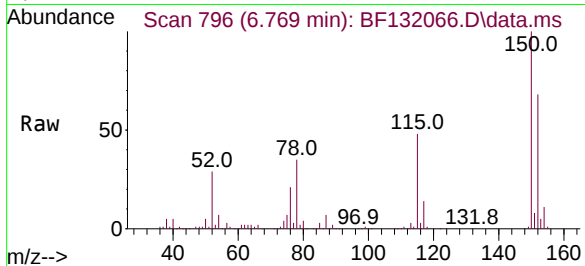




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

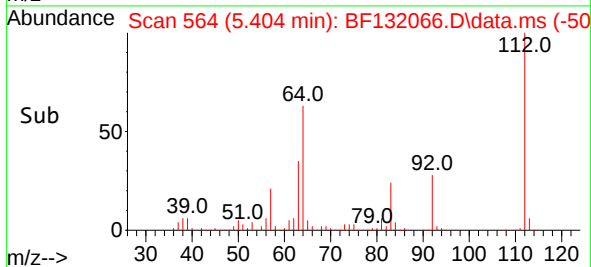
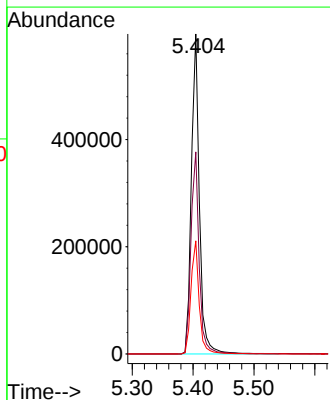
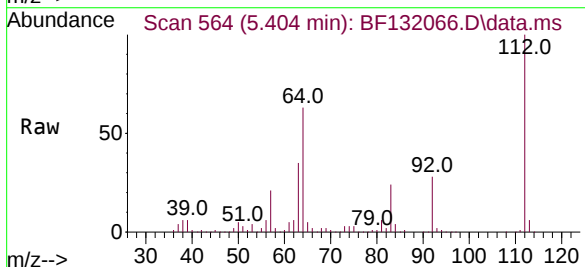
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

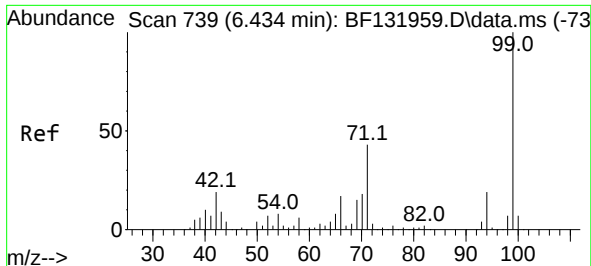
Tgt Ion:152 Resp: 88051
Ion Ratio Lower Upper
152 100
150 147.2 124.6 186.8
115 71.1 55.6 83.4



#5
2-Fluorophenol
Concen: 102.103 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.024 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

Tgt Ion:112 Resp: 545598
Ion Ratio Lower Upper
112 100
64 63.1 51.9 77.9
63 35.3 30.2 45.2





#7

Phenol-d6

Concen: 92.585 ng

RT: 6.422 min Scan# 739

Delta R.T. 0.000 min

Lab File: BF132066.D

Acq: 13 Jan 2023 18:55

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2

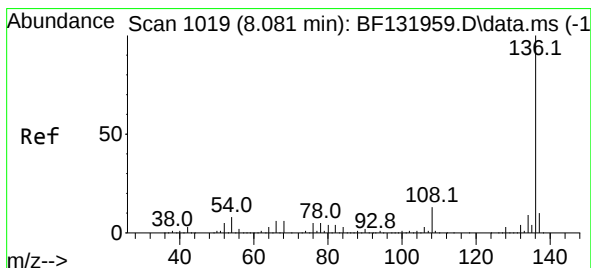
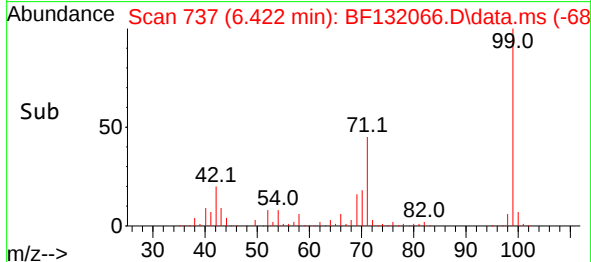
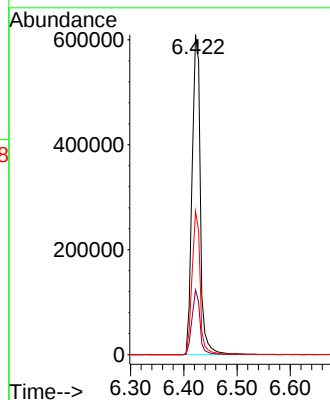
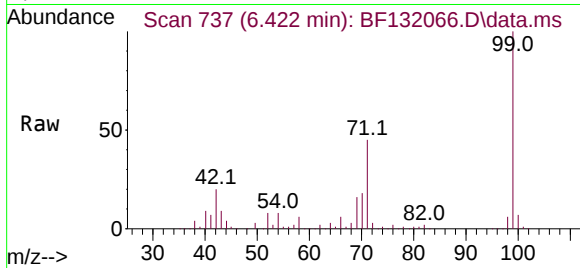
Tgt Ion: 99 Resp: 655963

Ion Ratio Lower Upper

99 100

42 20.2 15.4 23.2

71 44.8 34.6 51.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF132066.D

Acq: 13 Jan 2023 18:55

Tgt Ion: 136 Resp: 323795

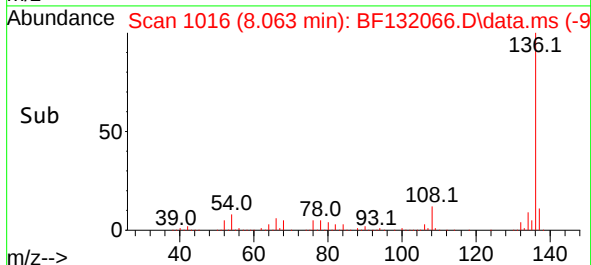
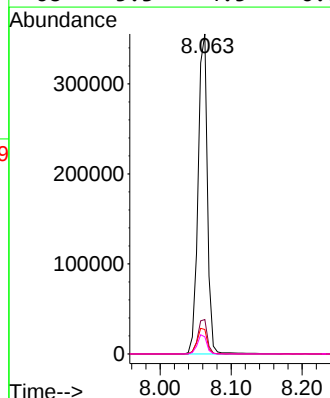
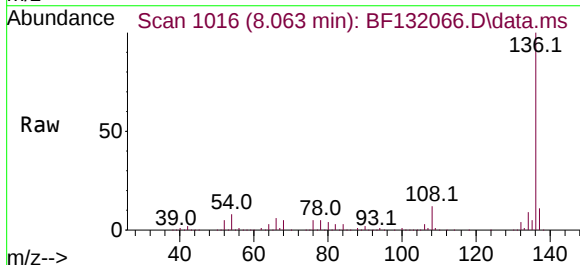
Ion Ratio Lower Upper

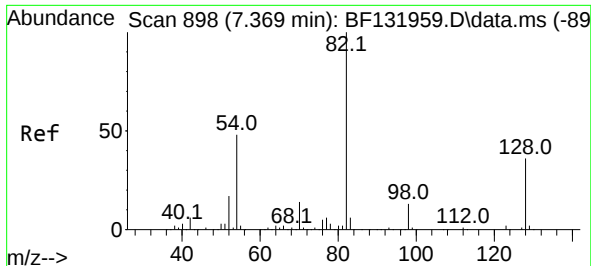
136 100

137 10.8 8.2 12.2

54 7.6 6.6 9.8

68 5.3 4.5 6.7

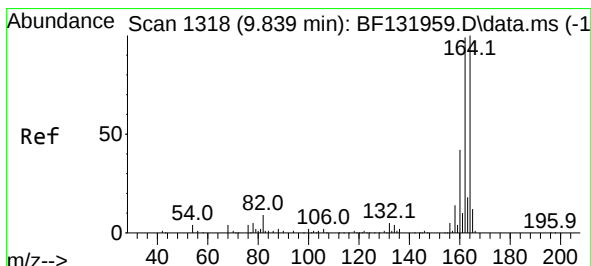
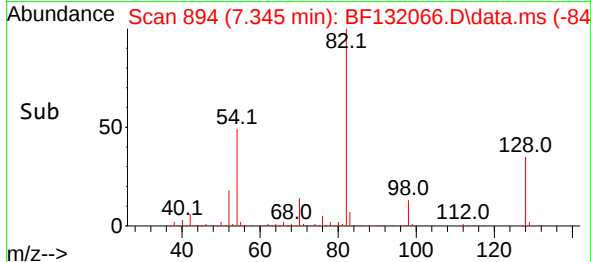
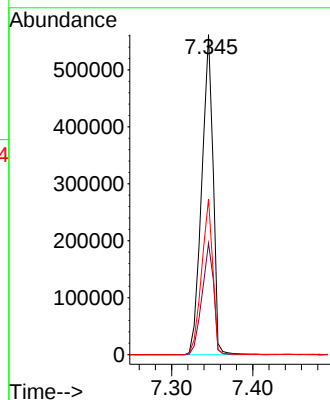
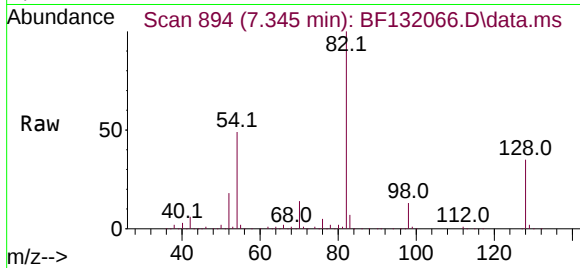




#23
Nitrobenzene-d5
Concen: 69.928 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

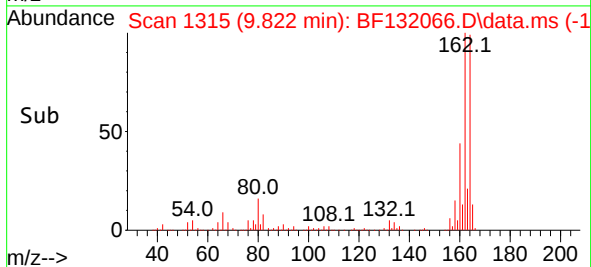
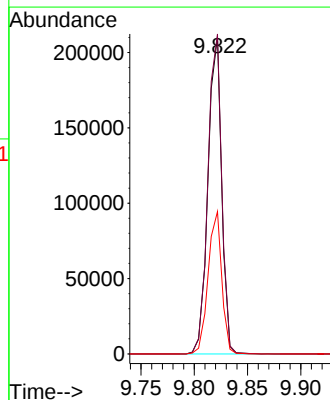
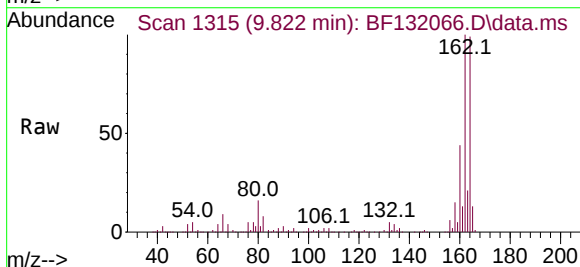
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2

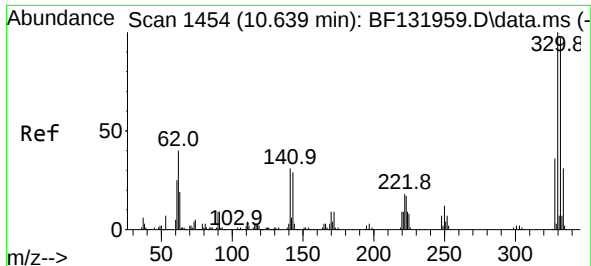
Tgt Ion: 82 Resp: 545553
Ion Ratio Lower Upper
82 100
128 34.8 28.7 43.1
54 48.6 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

Tgt Ion: 164 Resp: 186925
Ion Ratio Lower Upper
164 100
162 100.9 79.4 119.0
160 44.9 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 106.119 ng

RT: 10.616 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF132066.D

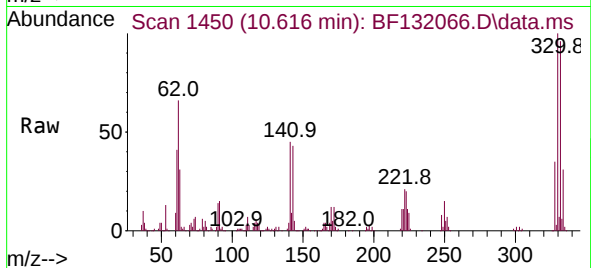
Acq: 13 Jan 2023 18:55

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2



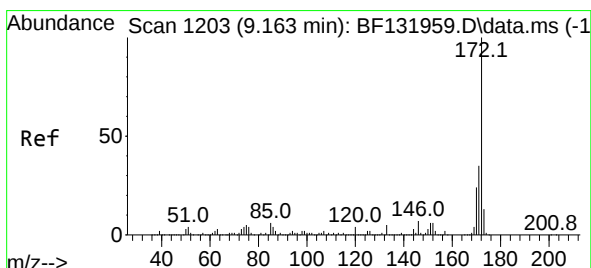
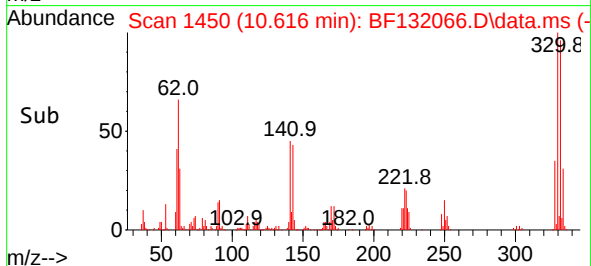
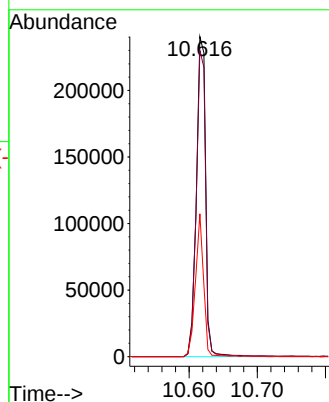
Tgt Ion:330 Resp: 228075

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

141 39.6 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 69.561 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF132066.D

Acq: 13 Jan 2023 18:55

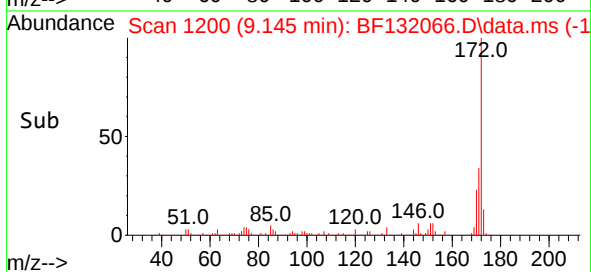
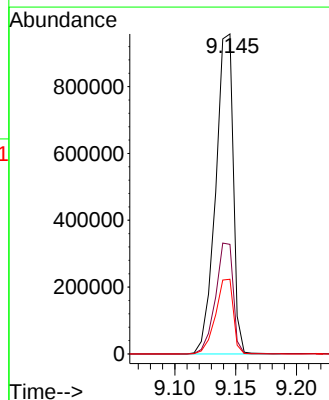
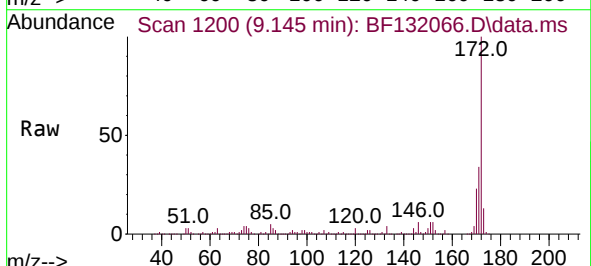
Tgt Ion:172 Resp: 963197

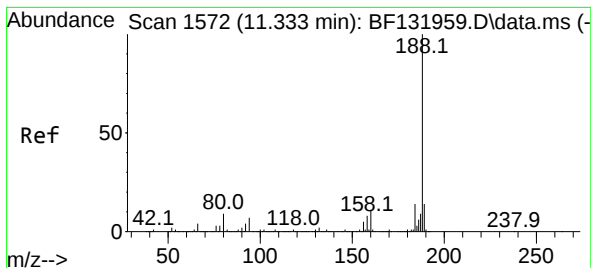
Ion Ratio Lower Upper

172 100

171 34.3 28.0 42.0

170 23.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132066.D

Acq: 13 Jan 2023 18:55

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-2

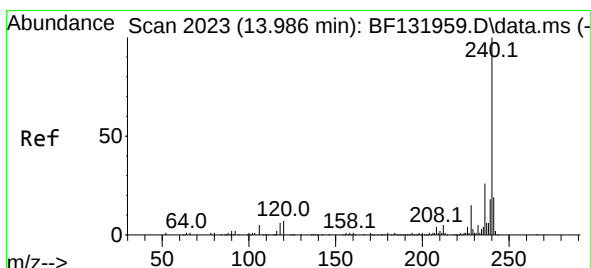
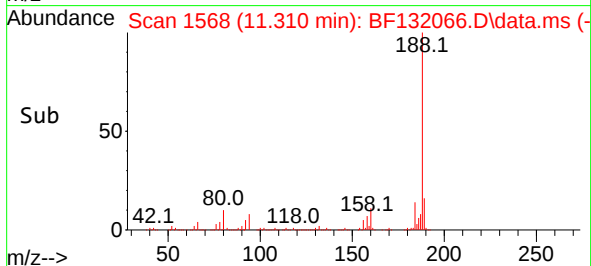
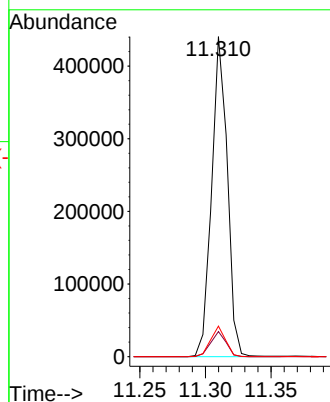
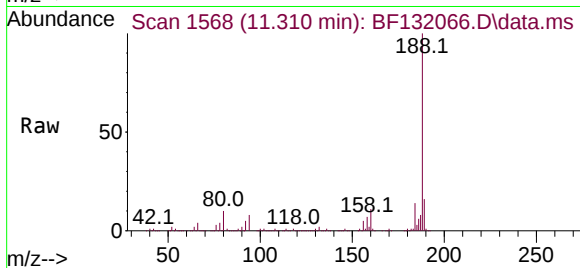
Tgt Ion:188 Resp: 365605

Ion Ratio Lower Upper

188 100

94 7.8 5.8 8.6

80 9.5 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF132066.D

Acq: 13 Jan 2023 18:55

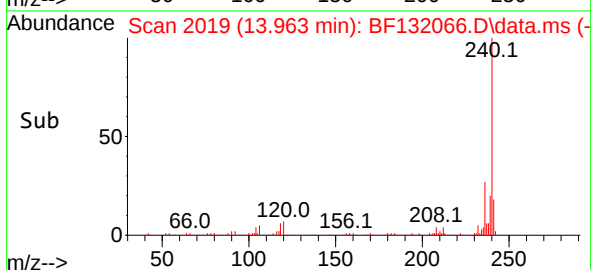
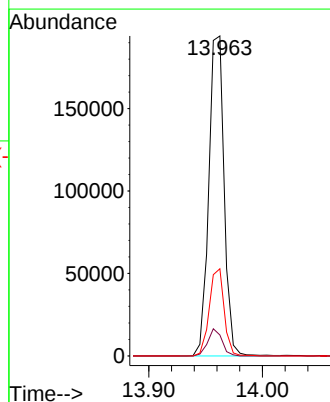
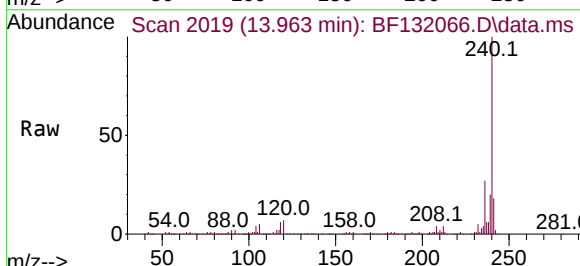
Tgt Ion:240 Resp: 182862

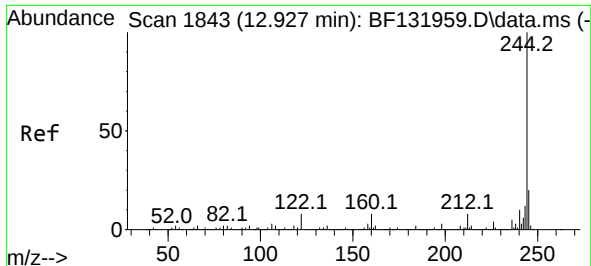
Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.0

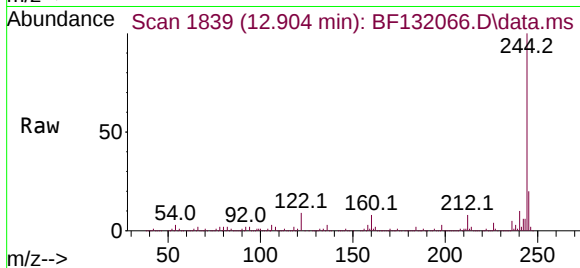
236 27.2 21.1 31.7



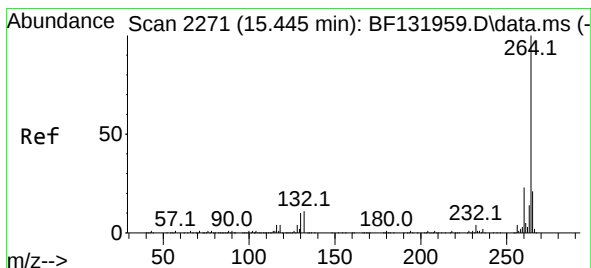
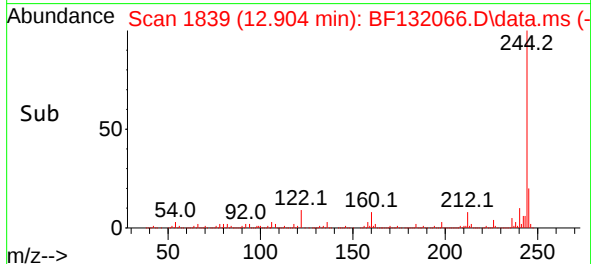
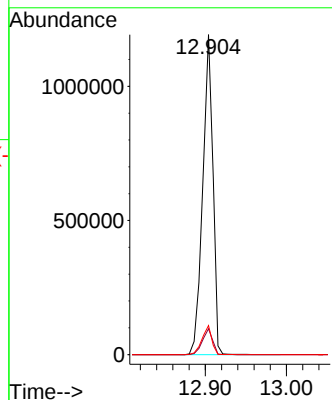


#79
Terphenyl-d14
Concen: 81.183 ng
RT: 12.904 min Scan# 1843
Delta R.T. 0.000 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-2



Tgt Ion:244 Resp: 1035765
Ion Ratio Lower Upper
244 100
212 8.1 6.3 9.5
122 9.1 6.8 10.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.006 min
Lab File: BF132066.D
Acq: 13 Jan 2023 18:55

Tgt Ion:264 Resp: 192834
Ion Ratio Lower Upper
264 100
260 24.7 18.3 27.5
265 20.8 16.9 25.3

