

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132064.D
 Acq On : 13 Jan 2023 17:49
 Operator : CG\JU
 Sample : 01133-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Quant Time: Jan 16 01:17:56 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	88044	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	320361	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	187155	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	361914	20.000	ng	0.00
76) Chrysene-d12	13.963	240	185432	20.000	ng	0.00
86) Perylene-d12	15.421	264	195286	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	528809	98.969	ng	0.02
7) Phenol-d6	6.422	99	634879	89.616	ng	0.00
23) Nitrobenzene-d5	7.345	82	516113	66.864	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	216624	100.668	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	916242	66.089	ng	0.00
79) Terphenyl-d14	12.904	244	988013	76.367	ng	0.00

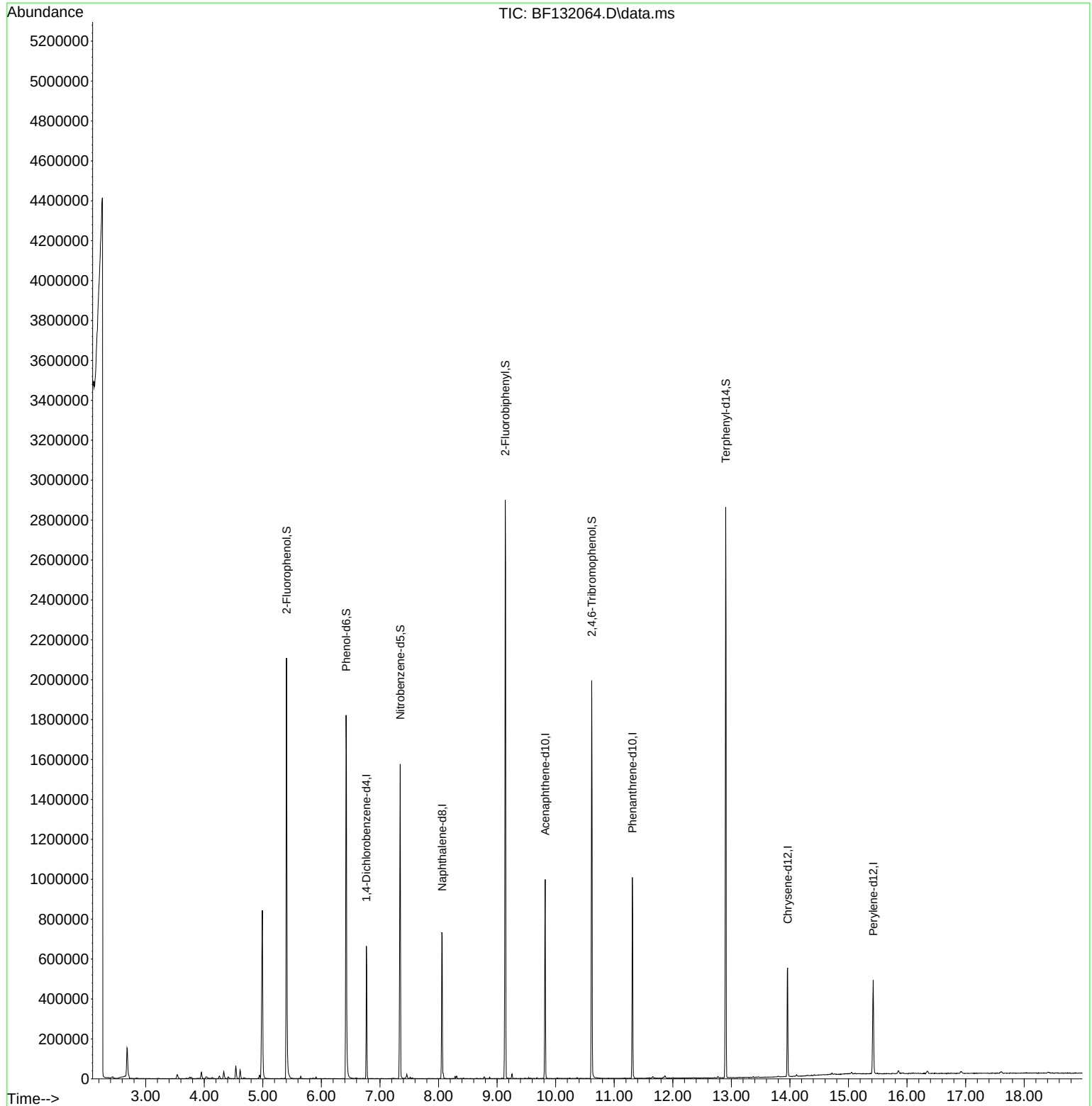
Target Compounds	Qvalue

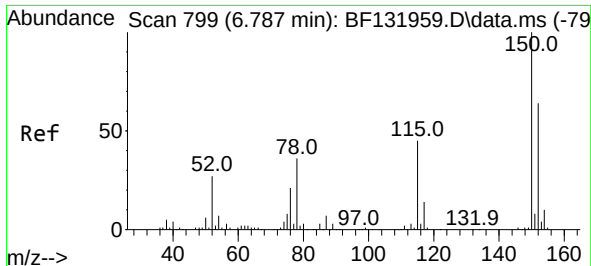
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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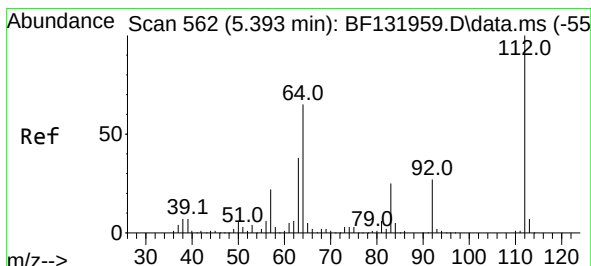
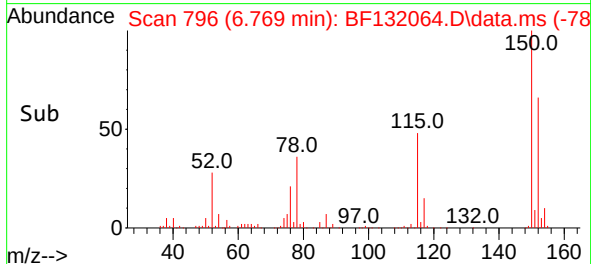
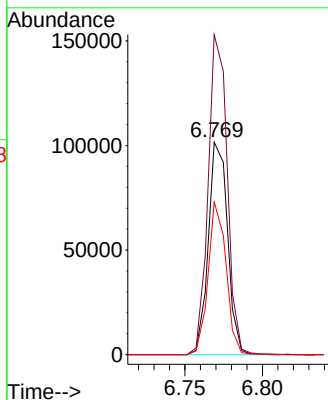
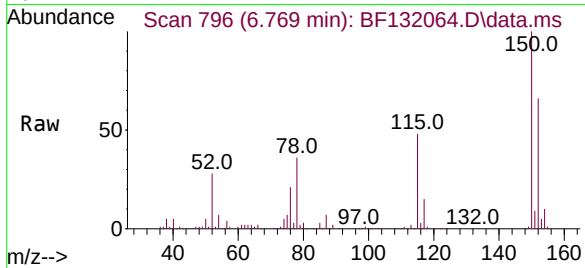




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

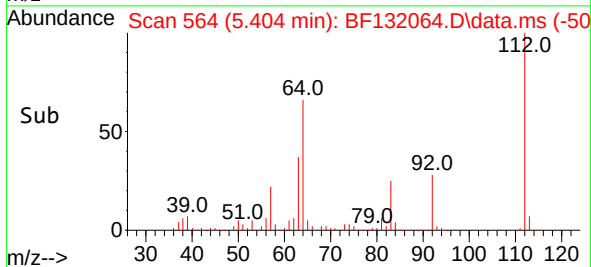
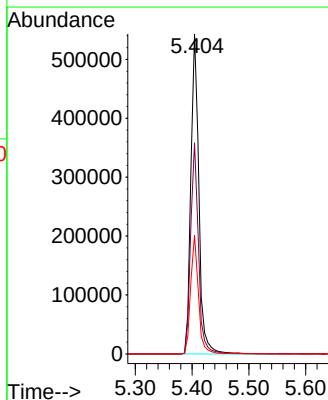
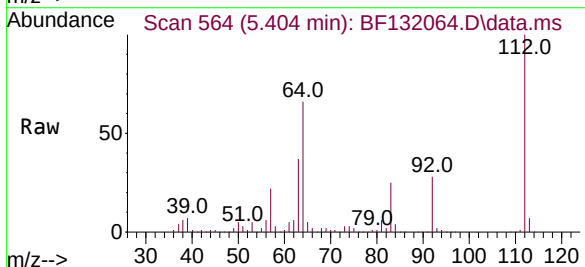
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

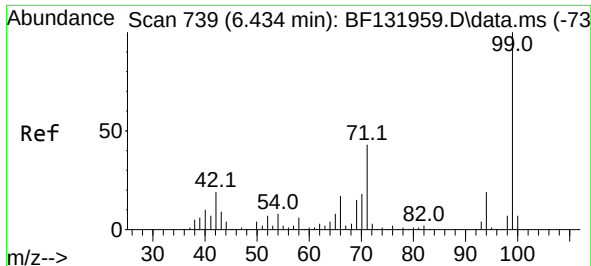
Tgt Ion:152 Resp: 88044
Ion Ratio Lower Upper
152 100
150 150.7 124.6 186.8
115 71.9 55.6 83.4



#5
2-Fluorophenol
Concen: 98.969 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.023 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

Tgt Ion:112 Resp: 528809
Ion Ratio Lower Upper
112 100
64 66.0 51.9 77.9
63 37.1 30.2 45.2

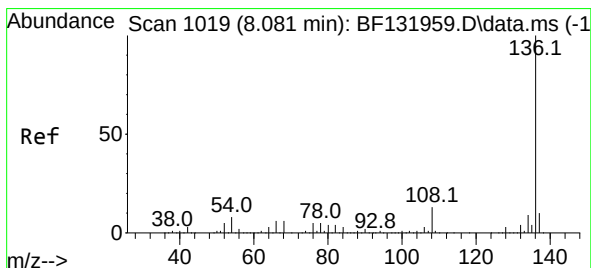
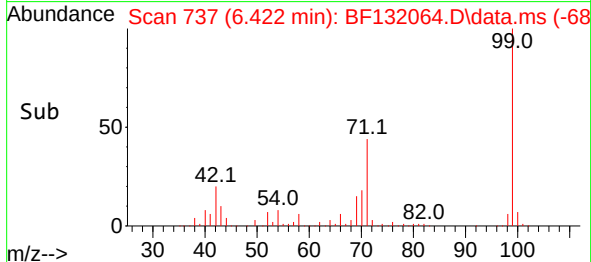
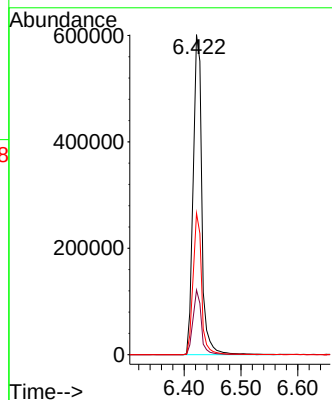
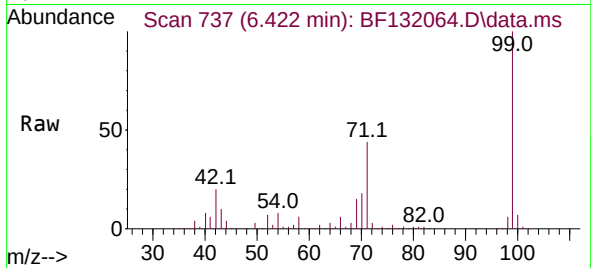




#7
Phenol-d6
Concen: 89.616 ng
RT: 6.422 min Scan# 739
Delta R.T. -0.000 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

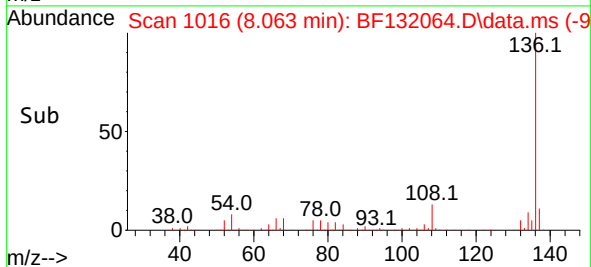
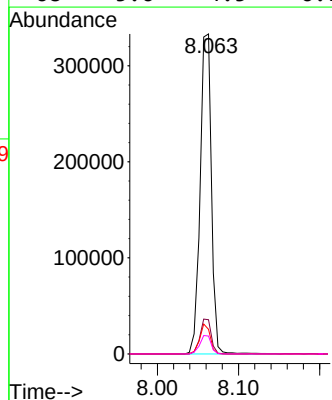
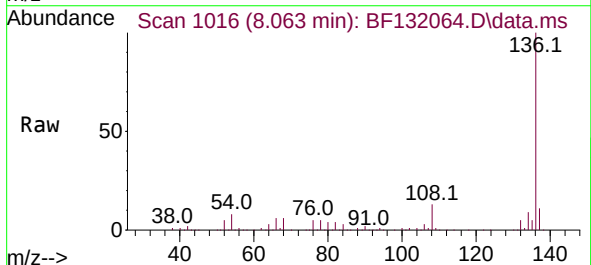
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

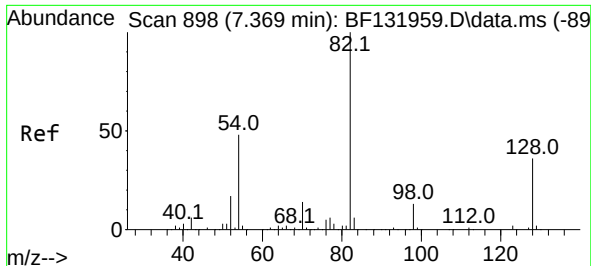
Tgt Ion: 99 Resp: 634879
Ion Ratio Lower Upper
99 100
42 20.2 15.4 23.2
71 44.2 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

Tgt Ion: 136 Resp: 320361
Ion Ratio Lower Upper
136 100
137 10.7 8.2 12.2
54 7.7 6.6 9.8
68 5.6 4.5 6.7

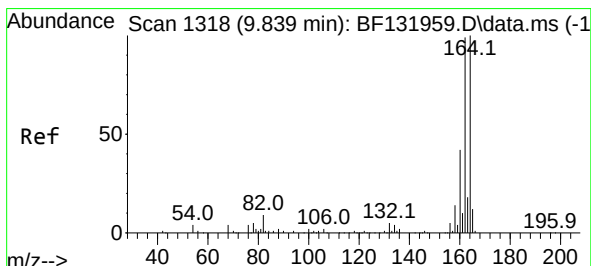
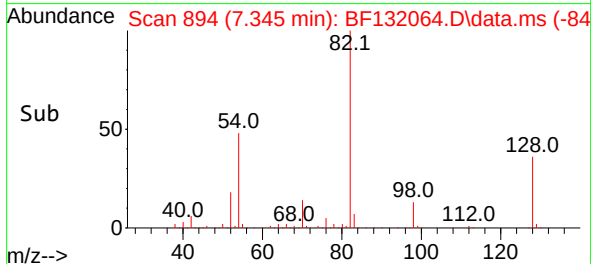
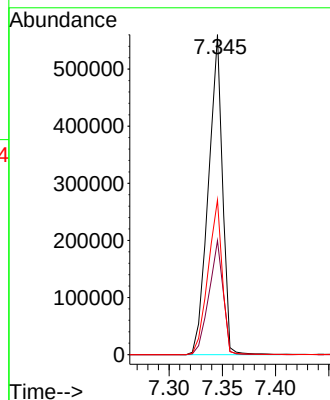
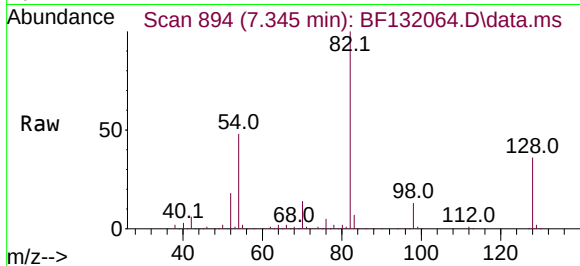




#23
Nitrobenzene-d5
Concen: 66.864 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

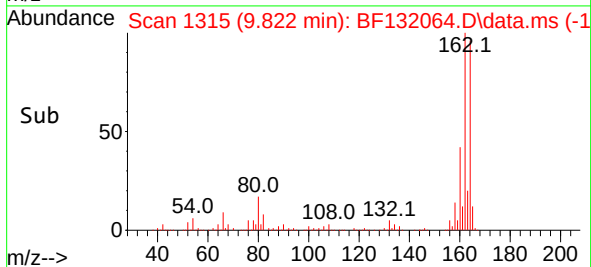
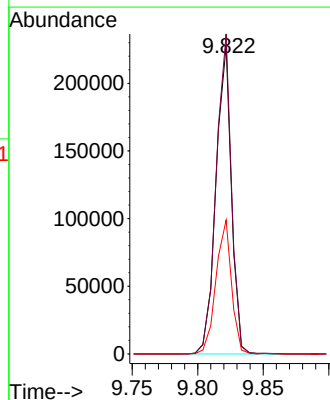
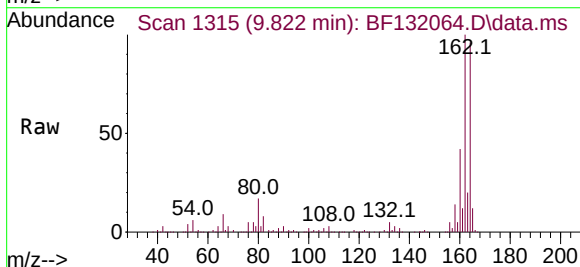
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

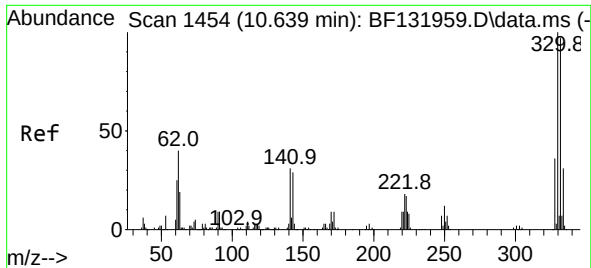
Tgt Ion: 82 Resp: 516113
Ion Ratio Lower Upper
82 100
128 35.7 28.7 43.1
54 48.3 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132064.D
Acq: 13 Jan 2023 17:49

Tgt Ion:164 Resp: 187155
Ion Ratio Lower Upper
164 100
162 103.9 79.4 119.0
160 43.5 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 100.668 ng

RT: 10.616 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF132064.D

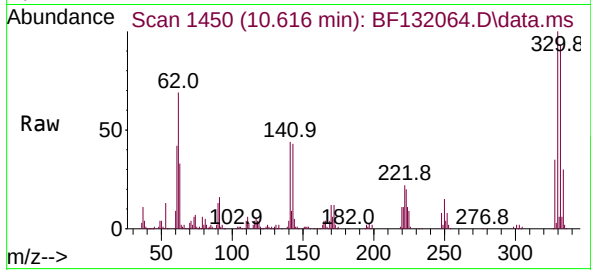
Acq: 13 Jan 2023 17:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1



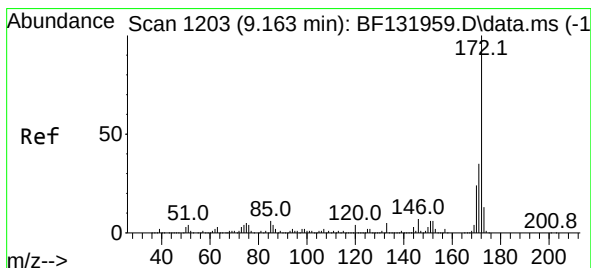
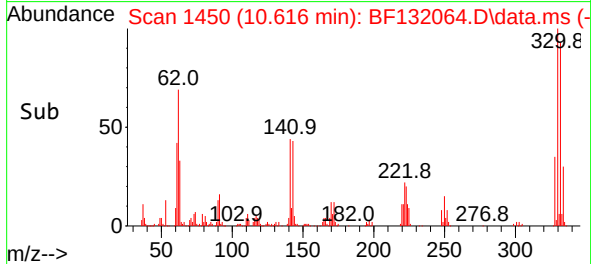
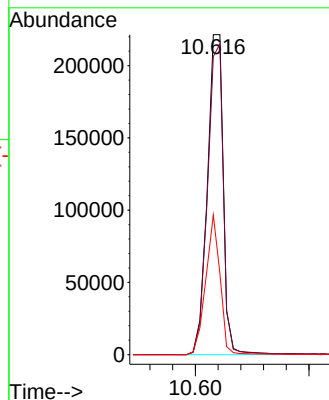
Tgt Ion:330 Resp: 216624

Ion Ratio Lower Upper

330 100

332 95.9 76.9 115.3

141 39.3 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 66.089 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF132064.D

Acq: 13 Jan 2023 17:49

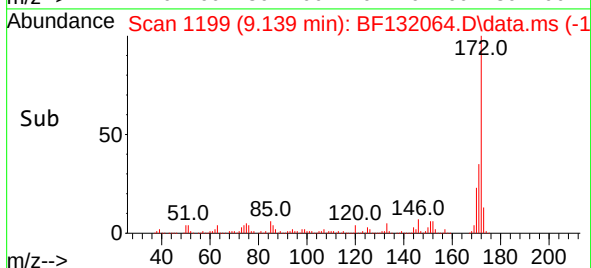
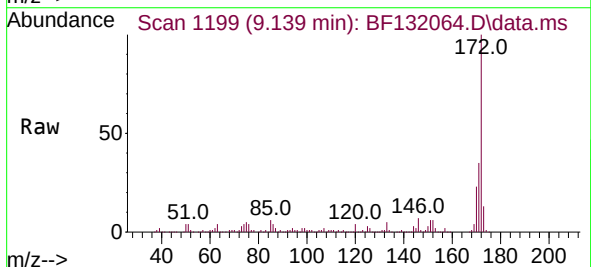
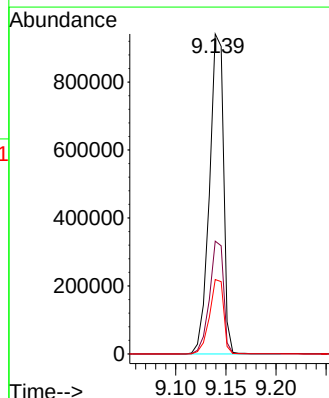
Tgt Ion:172 Resp: 916242

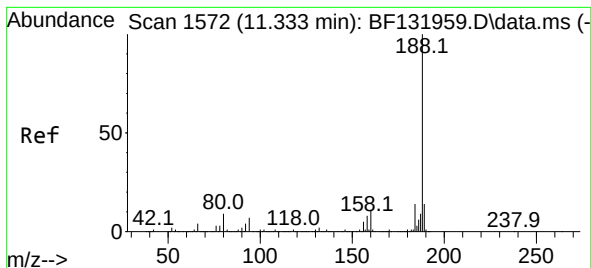
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.2 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: BF132064.D

Acq: 13 Jan 2023 17:49

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

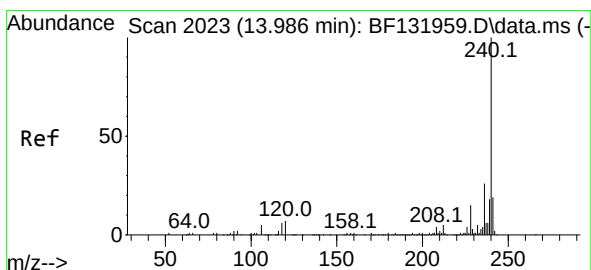
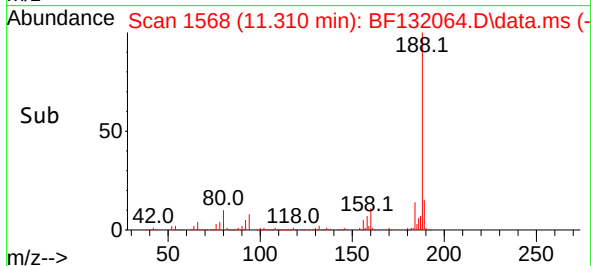
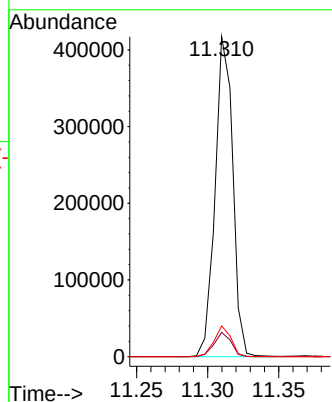
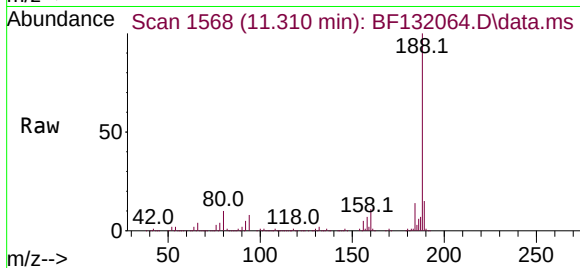
Tgt Ion:188 Resp: 361914

Ion Ratio Lower Upper

188 100

94 7.6 5.8 8.6

80 9.6 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: BF132064.D

Acq: 13 Jan 2023 17:49

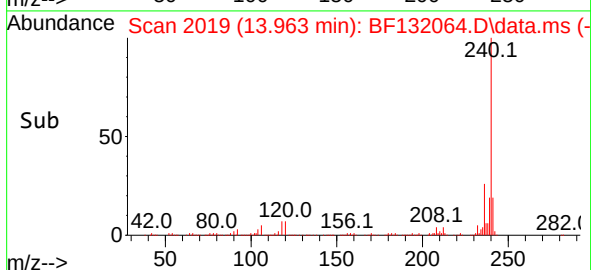
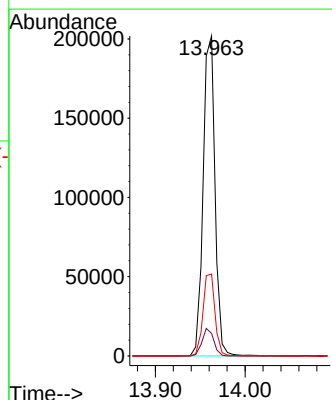
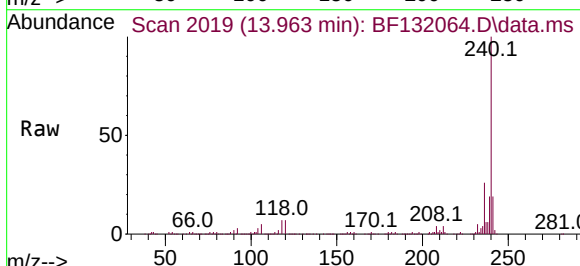
Tgt Ion:240 Resp: 185432

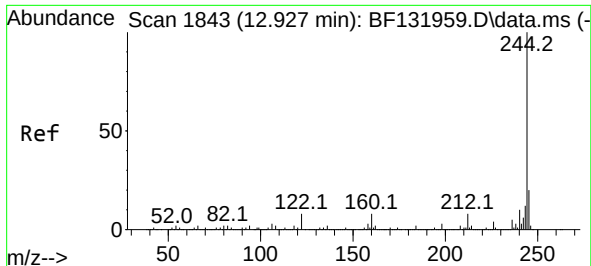
Ion Ratio Lower Upper

240 100

120 7.0 5.4 8.0

236 25.6 21.1 31.7

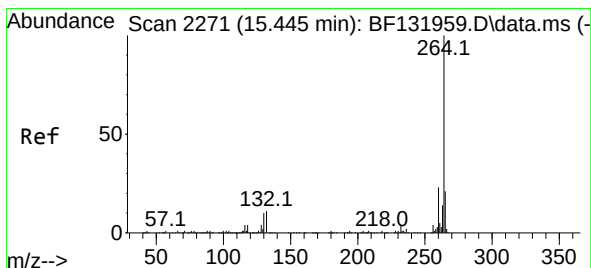
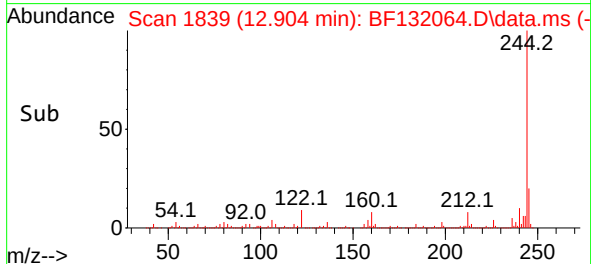
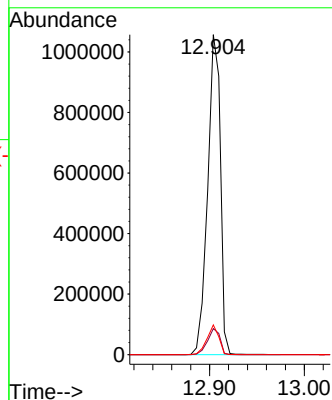
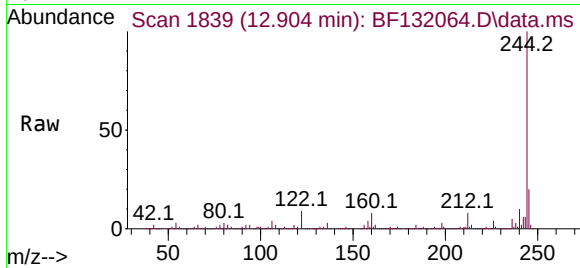




#79
 Terphenyl-d14
 Concen: 76.367 ng
 RT: 12.904 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF132064.D
 Acq: 13 Jan 2023 17:49

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:244 Resp: 988013
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.3 9.5
 122 9.3 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: BF132064.D
 Acq: 13 Jan 2023 17:49

Tgt Ion:264 Resp: 195286
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.3 27.5
 265 21.5 16.9 25.3

