

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011323\
 Data File : BF132065.D
 Acq On : 13 Jan 2023 18:22
 Operator : CG\JU
 Sample : 01132-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Quant Time: Jan 16 01:18:08 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	84511	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	306998	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	179859	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	343979	20.000	ng	0.00
76) Chrysene-d12	13.963	240	174609	20.000	ng	0.00
86) Perylene-d12	15.421	264	185289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	524421	102.251	ng	0.02
7) Phenol-d6	6.422	99	634398	93.292	ng	0.00
23) Nitrobenzene-d5	7.345	82	511376	69.134	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	217824	105.331	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	906602	68.046	ng	0.00
79) Terphenyl-d14	12.904	244	963215	79.065	ng	0.00

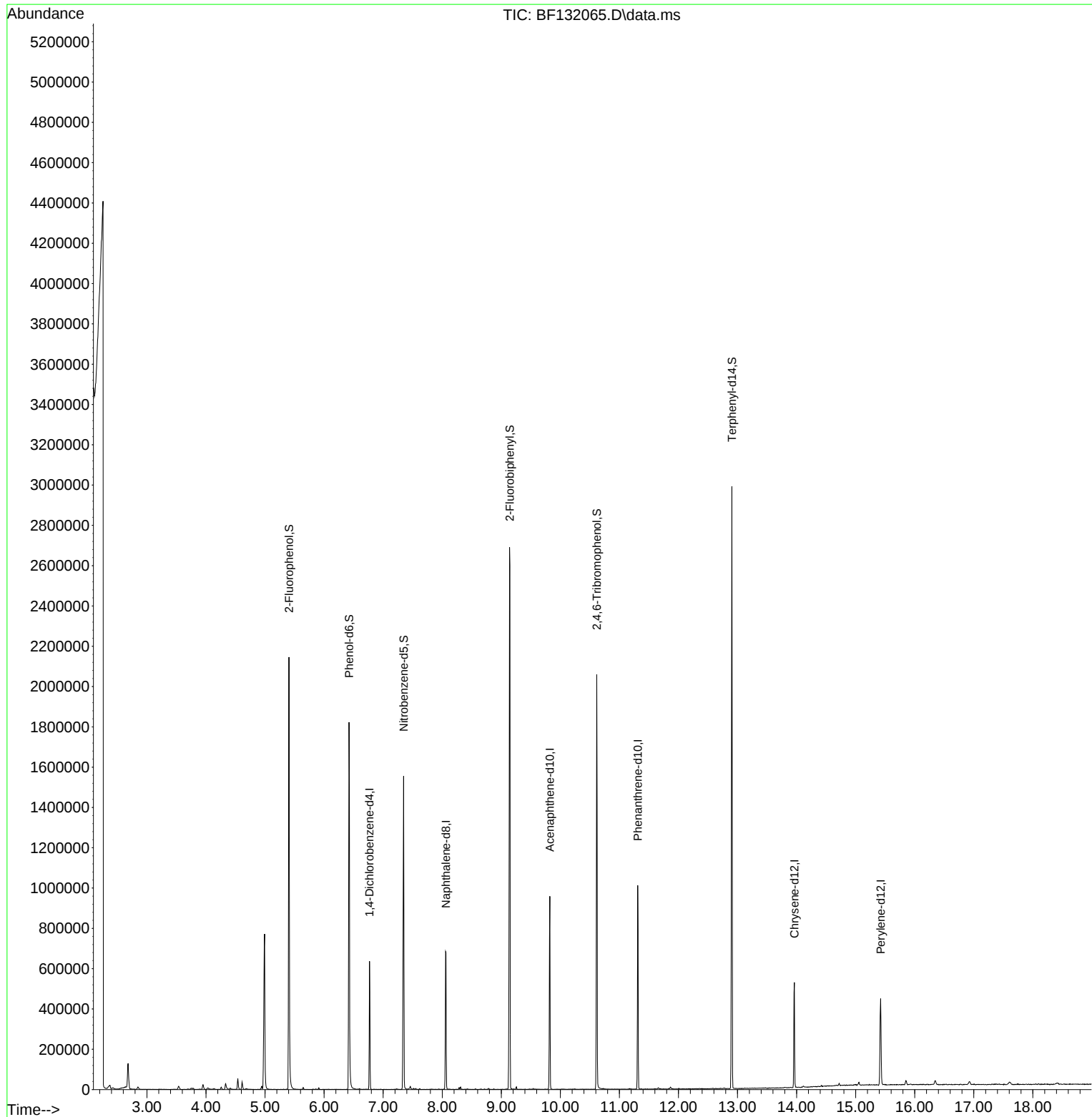
Target Compounds	Qvalue

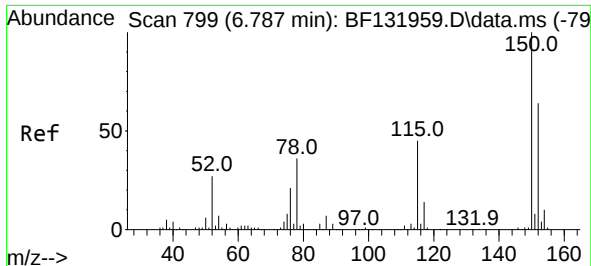
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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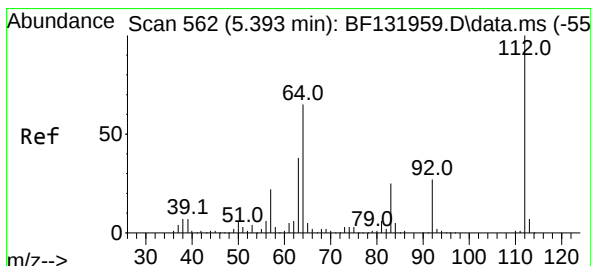
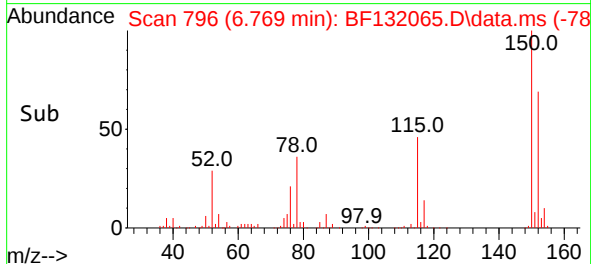
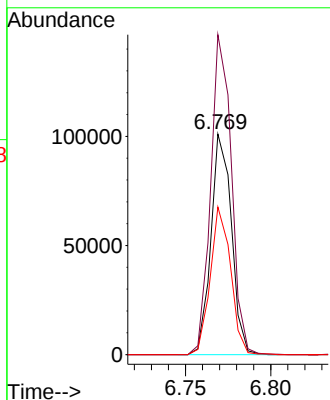
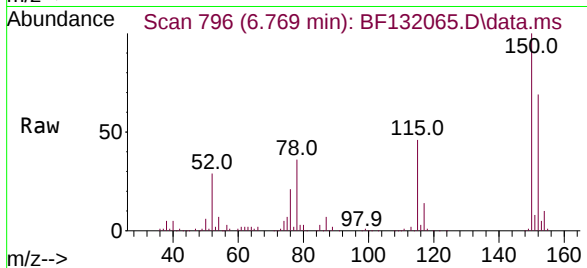




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

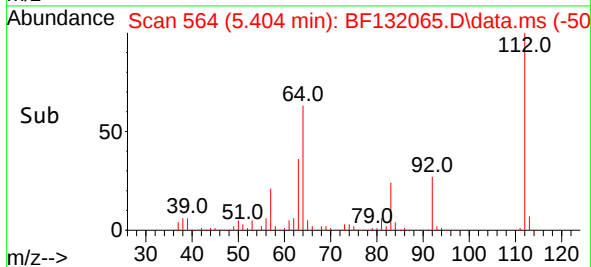
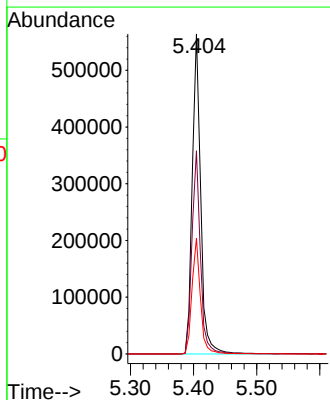
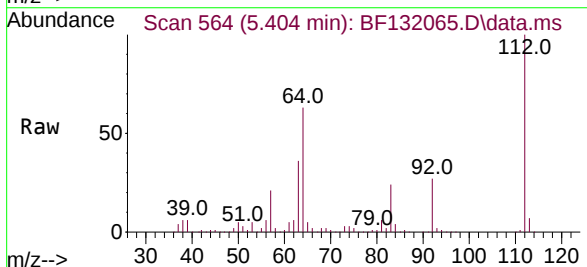
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

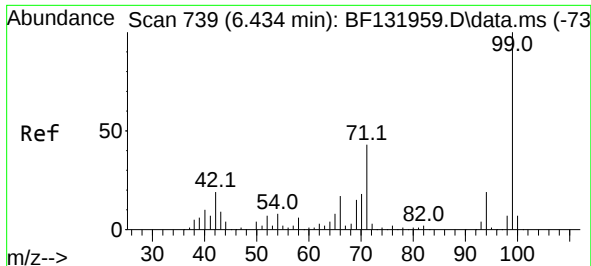
Tgt Ion:152 Resp: 84511
Ion Ratio Lower Upper
152 100
150 145.0 124.6 186.8
115 66.9 55.6 83.4



#5
2-Fluorophenol
Concen: 102.251 ng
RT: 5.404 min Scan# 564
Delta R.T. 0.024 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

Tgt Ion:112 Resp: 524421
Ion Ratio Lower Upper
112 100
64 63.5 51.9 77.9
63 36.2 30.2 45.2

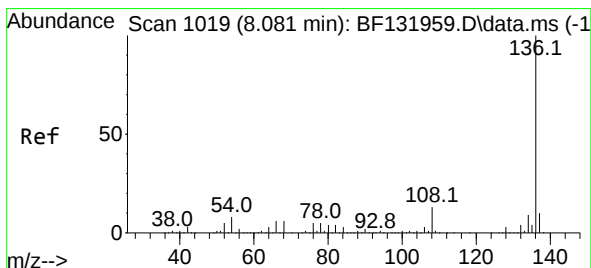
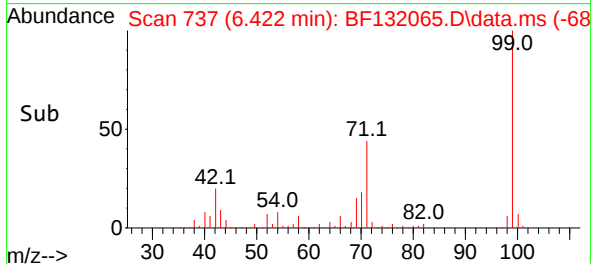
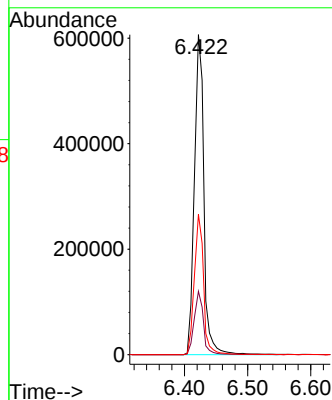
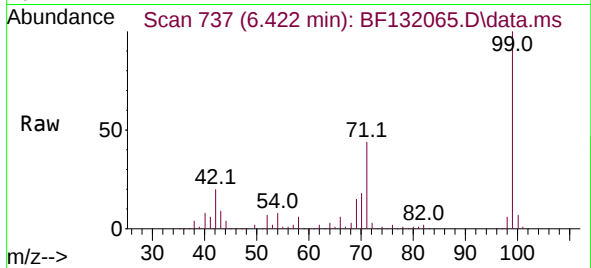




#7
Phenol-d6
Concen: 93.292 ng
RT: 6.422 min Scan# 73
Delta R.T. 0.000 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

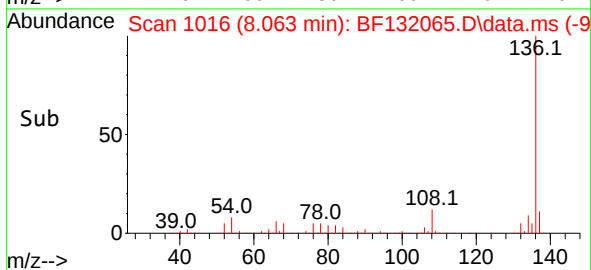
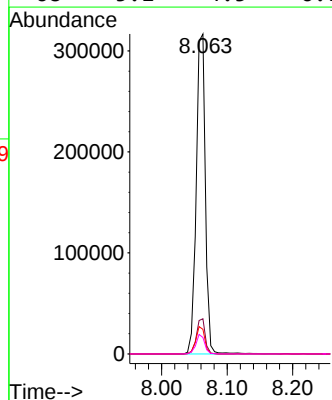
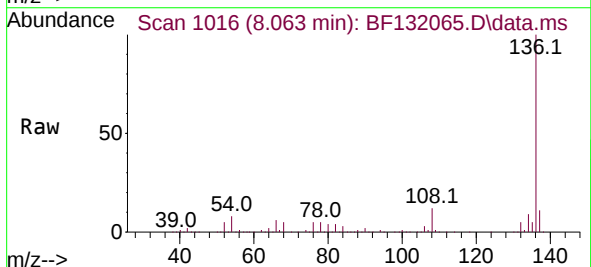
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

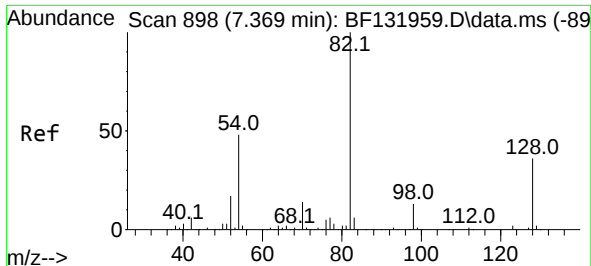
Tgt Ion: 99 Resp: 634398
Ion Ratio Lower Upper
99 100
42 19.8 15.4 23.2
71 43.8 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

Tgt Ion: 136 Resp: 306998
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 7.7 6.6 9.8
68 5.1 4.5 6.7

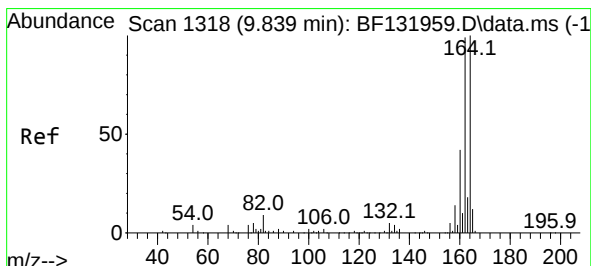
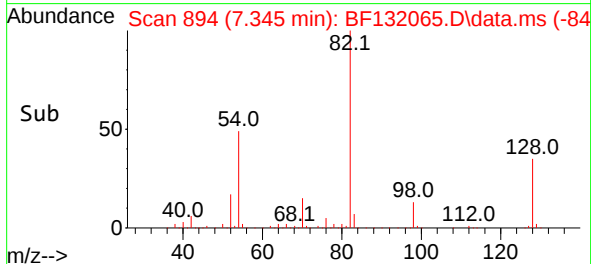
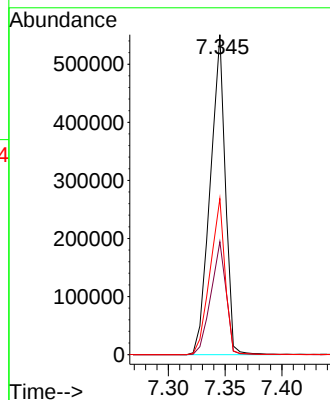
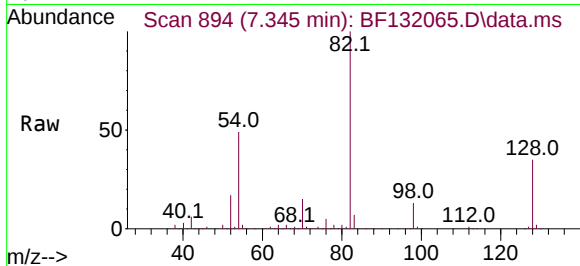




#23
Nitrobenzene-d5
Concen: 69.134 ng
RT: 7.345 min Scan# 89
Delta R.T. -0.006 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

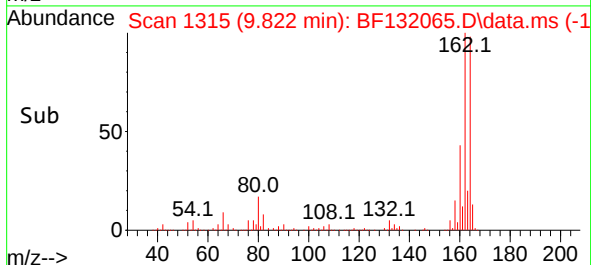
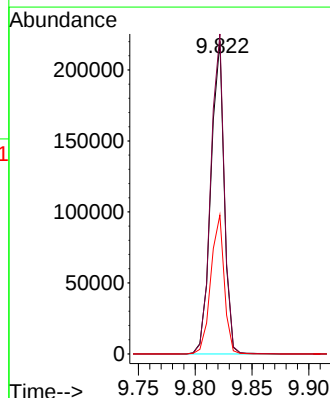
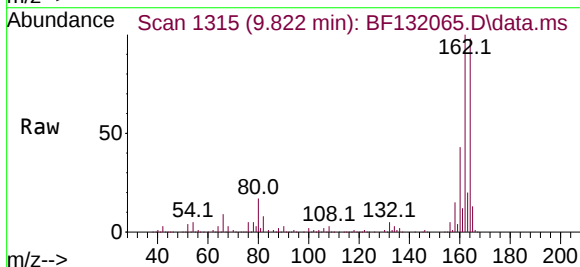
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-1

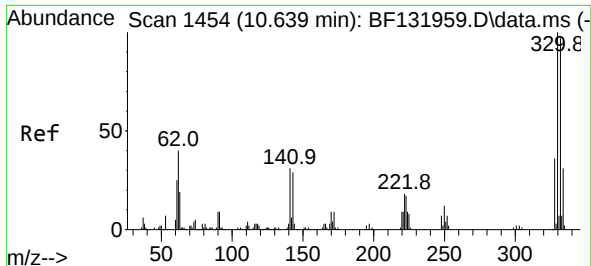
Tgt Ion: 82 Resp: 511376
Ion Ratio Lower Upper
82 100
128 35.3 28.7 43.1
54 48.8 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF132065.D
Acq: 13 Jan 2023 18:22

Tgt Ion: 164 Resp: 179859
Ion Ratio Lower Upper
164 100
162 102.4 79.4 119.0
160 44.4 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 105.331 ng

RT: 10.616 min Scan# 1454

Delta R.T. -0.006 min

Lab File: BF132065.D

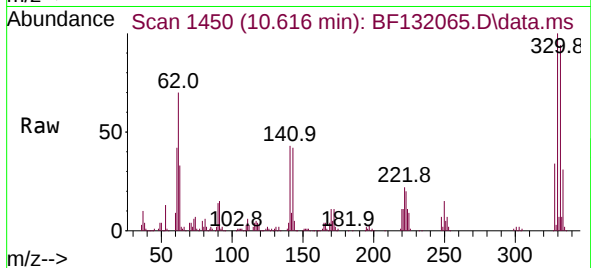
Acq: 13 Jan 2023 18:22

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1



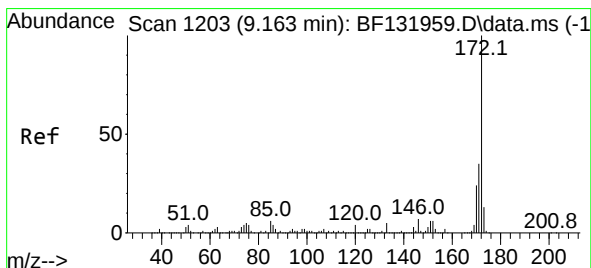
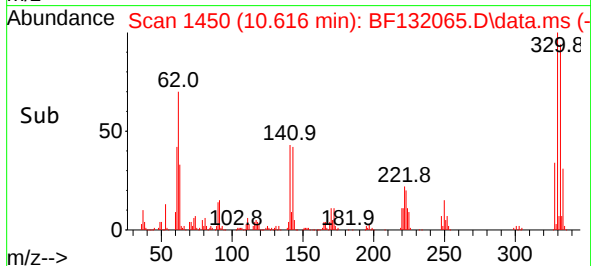
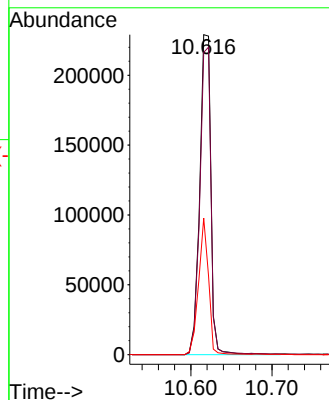
Tgt Ion:330 Resp: 217824

Ion Ratio Lower Upper

330 100

332 95.4 76.9 115.3

141 38.0 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 68.046 ng

RT: 9.145 min Scan# 1200

Delta R.T. 0.000 min

Lab File: BF132065.D

Acq: 13 Jan 2023 18:22

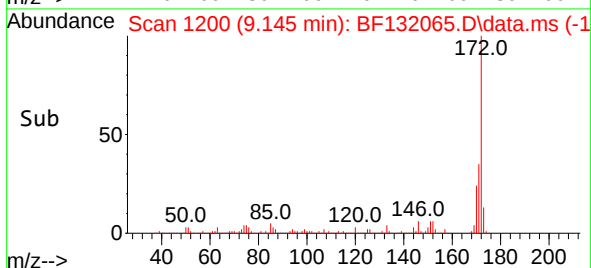
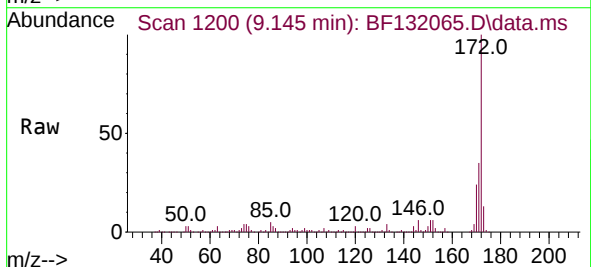
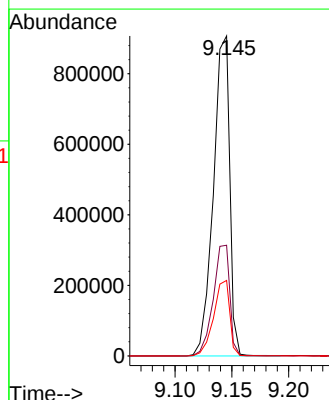
Tgt Ion:172 Resp: 906602

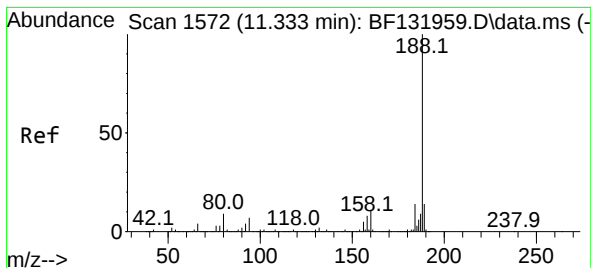
Ion Ratio Lower Upper

172 100

171 34.6 28.0 42.0

170 23.6 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: BF132065.D

Acq: 13 Jan 2023 18:22

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-1

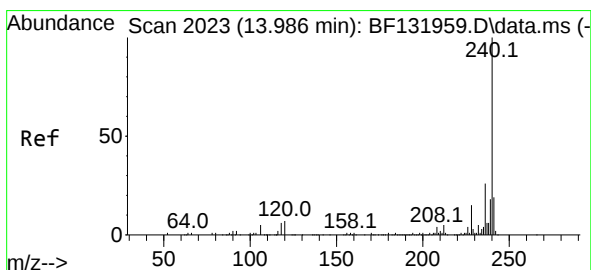
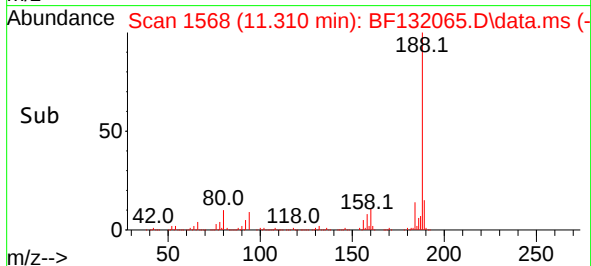
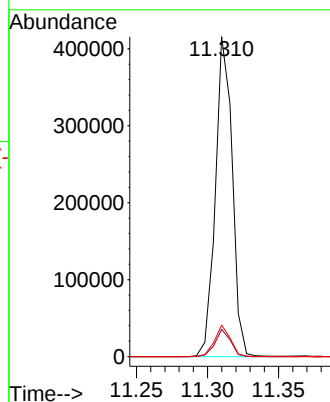
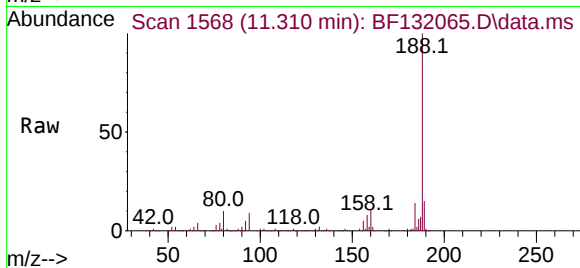
Tgt Ion:188 Resp: 343979

Ion Ratio Lower Upper

188 100

94 8.5 5.8 8.6

80 9.8 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: BF132065.D

Acq: 13 Jan 2023 18:22

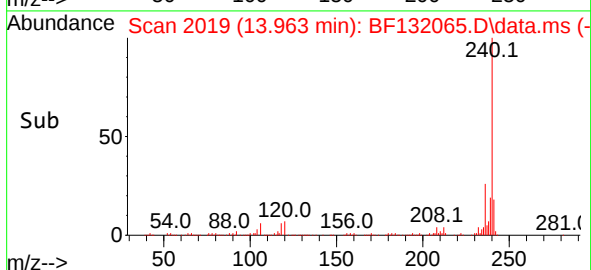
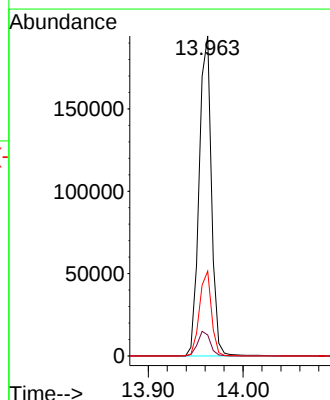
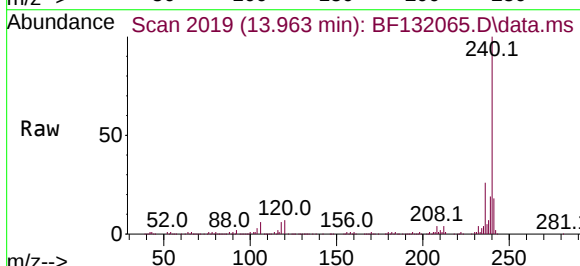
Tgt Ion:240 Resp: 174609

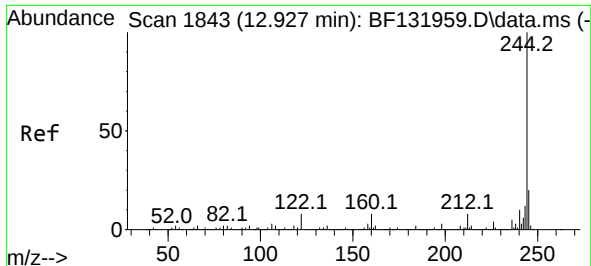
Ion Ratio Lower Upper

240 100

120 6.5 5.4 8.0

236 26.5 21.1 31.7

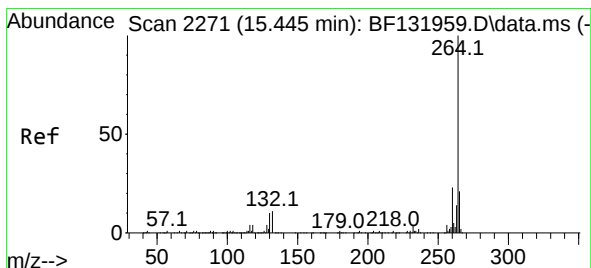
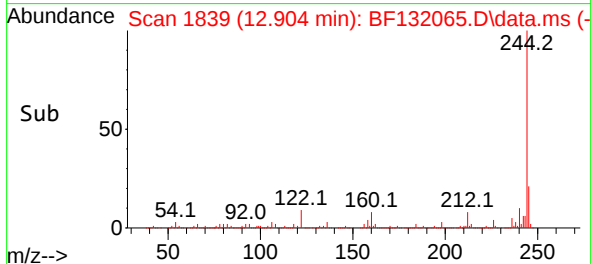
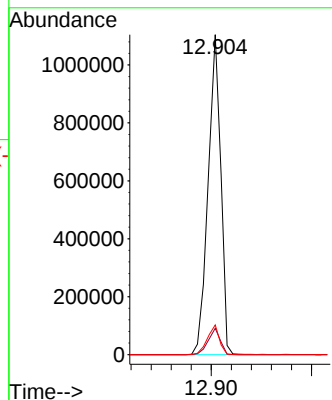
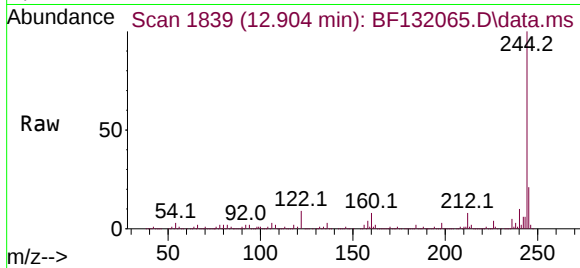




#79
 Terphenyl-d14
 Concen: 79.065 ng
 RT: 12.904 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF132065.D
 Acq: 13 Jan 2023 18:22

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-1

Tgt Ion:244 Resp: 963215
 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: BF132065.D
 Acq: 13 Jan 2023 18:22

Tgt Ion:264 Resp: 185289
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.3 27.5
 265 21.3 16.9 25.3

