

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011123\
 Data File : BF132019.D
 Acq On : 11 Jan 2023 11:18
 Operator : CG\JU
 Sample : PB150165BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150165BL

Quant Time: Jan 11 14:25:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF010923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 10 00:32:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	80027	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	319791	20.000	ng	-0.01
39) Acenaphthene-d10	9.833	164	207042	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	422926	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	339415	20.000	ng	#-0.01
86) Perylene-d12	15.445	264	250369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	442018	91.013	ng	0.00
7) Phenol-d6	6.422	99	571360	88.730	ng	-0.01
23) Nitrobenzene-d5	7.351	82	616323	79.988	ng	-0.02
42) 2,4,6-Tribromophenol	10.627	330	183460	77.067	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1144289	74.610	ng	-0.01
79) Terphenyl-d14	12.921	244	1678505	70.879	ng	0.00

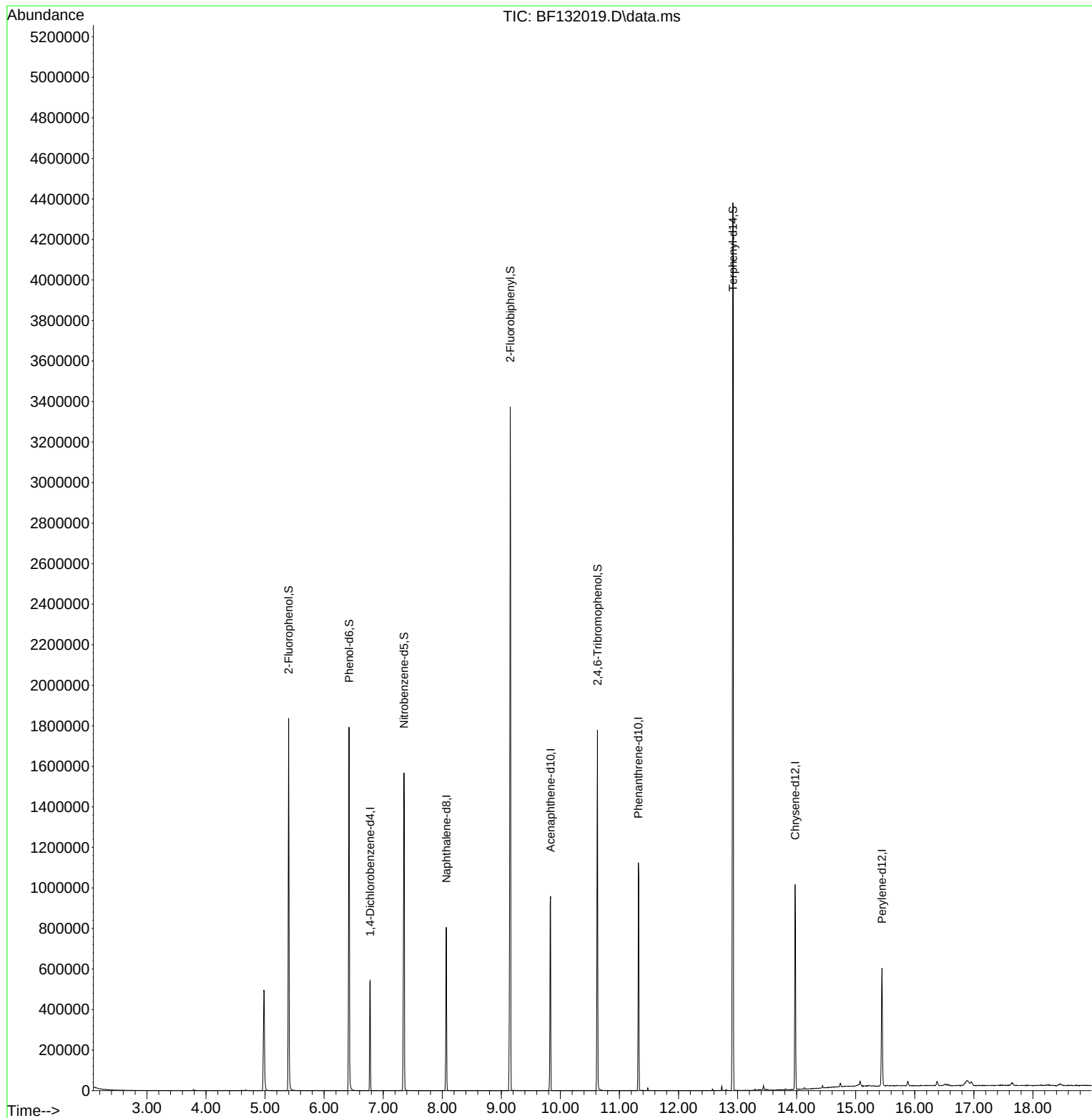
Target Compounds	Qvalue

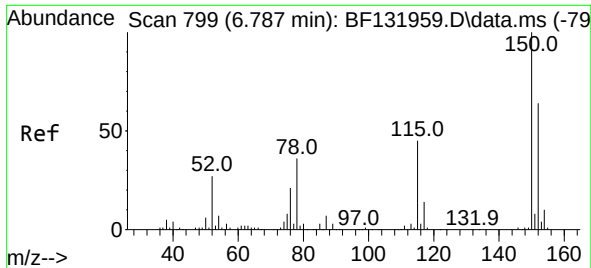
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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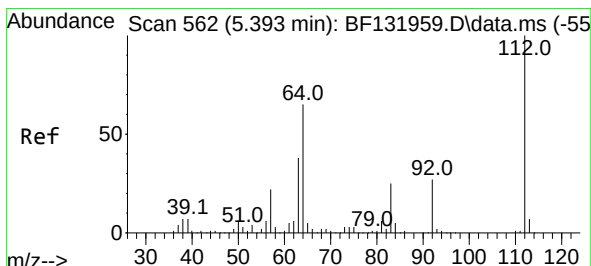
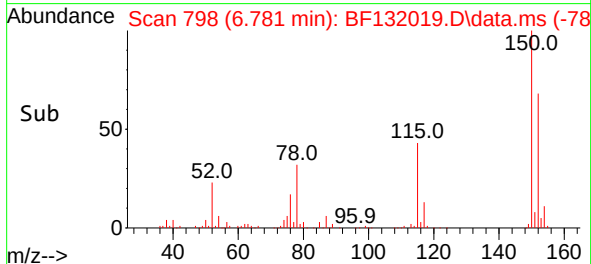
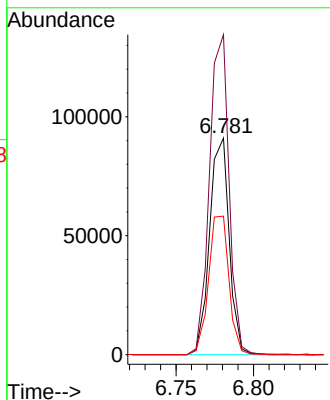
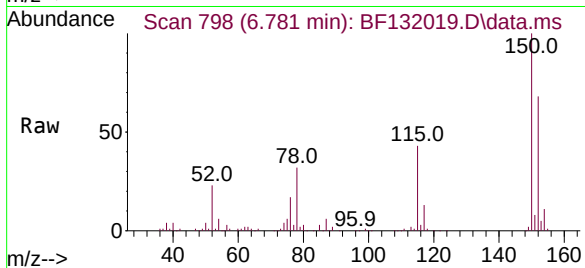




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

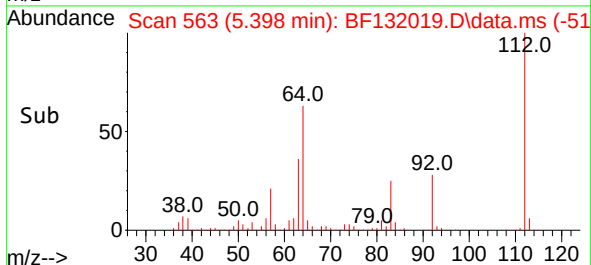
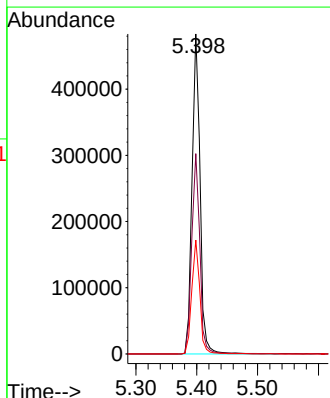
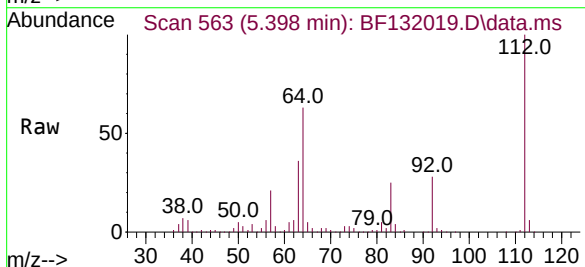
Instrument :
BNA_F
ClientSampleId :
PB150165BL

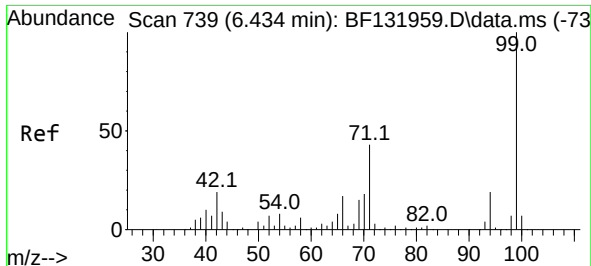
Tgt Ion:152 Resp: 80027
Ion Ratio Lower Upper
152 100
150 147.8 124.6 186.8
115 64.0 55.6 83.4



#5
2-Fluorophenol
Concen: 91.013 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.006 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

Tgt Ion:112 Resp: 442018
Ion Ratio Lower Upper
112 100
64 62.6 51.9 77.9
63 35.6 30.2 45.2

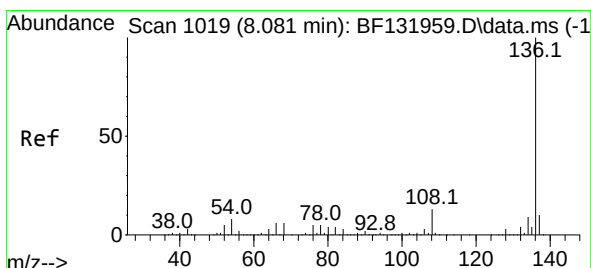
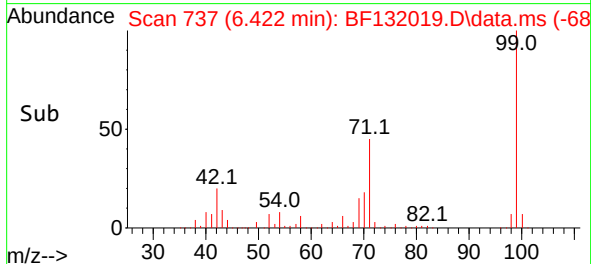
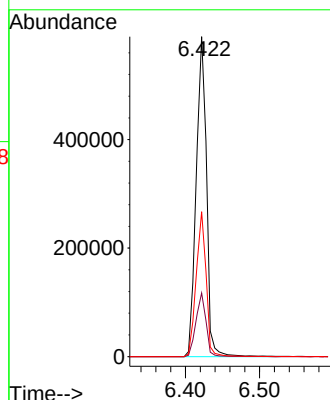
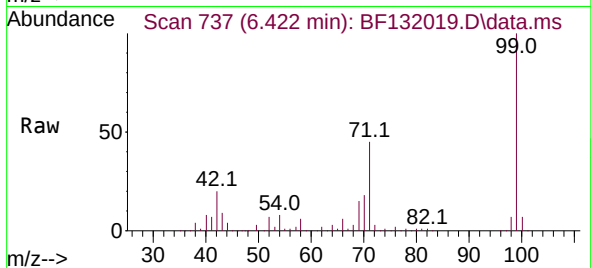




#7
Phenol-d6
Concen: 88.730 ng
RT: 6.422 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

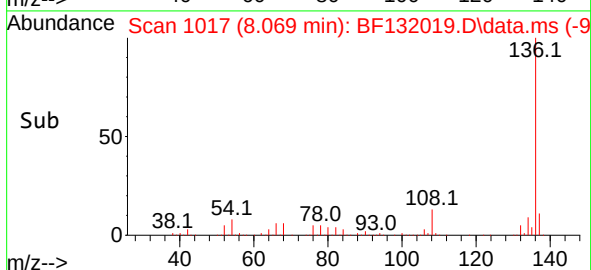
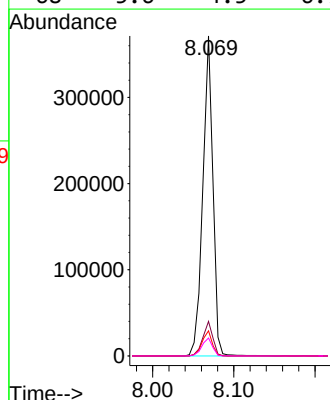
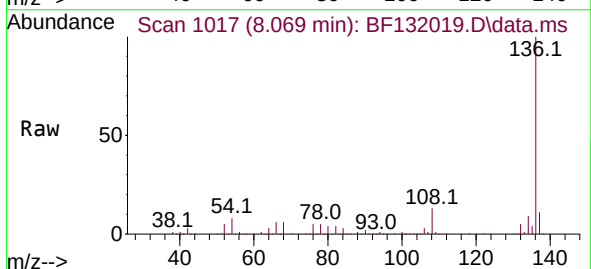
Instrument :
BNA_F
ClientSampleId :
PB150165BL

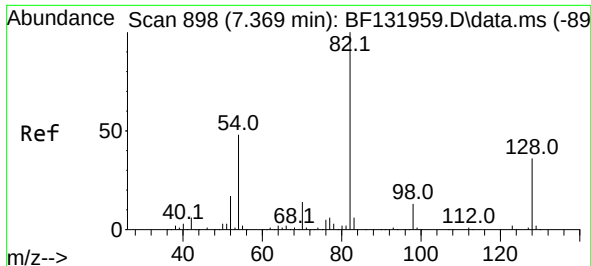
Tgt Ion: 99 Resp: 571360
Ion Ratio Lower Upper
99 100
42 19.9 15.4 23.2
71 45.3 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. -0.012 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

Tgt Ion: 136 Resp: 319791
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 7.8 6.6 9.8
68 5.6 4.5 6.7

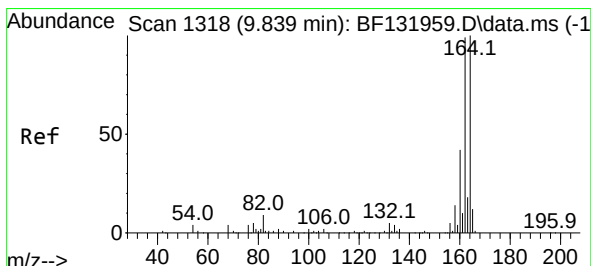
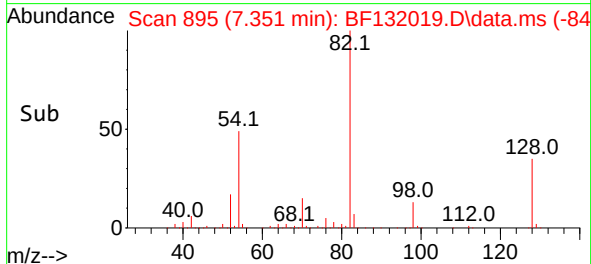
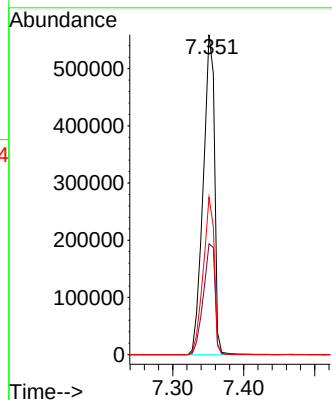
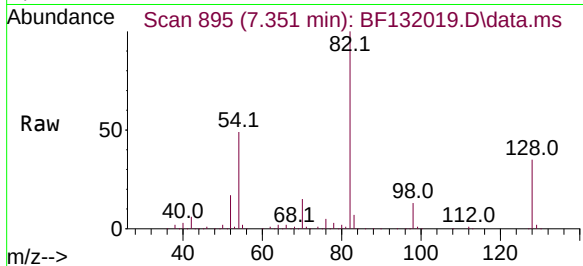




#23
Nitrobenzene-d5
Concen: 79.988 ng
RT: 7.351 min Scan# 89
Delta R.T. -0.018 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

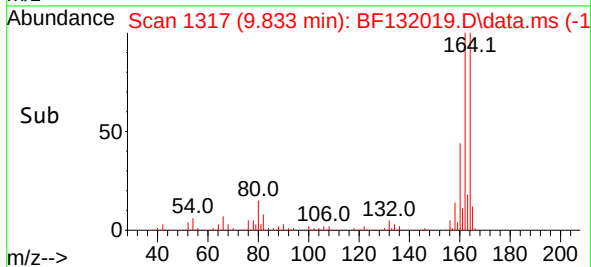
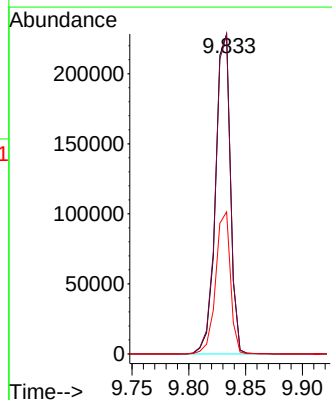
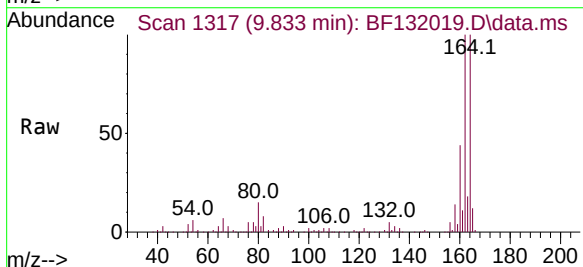
Instrument :
BNA_F
ClientSampleId :
PB150165BL

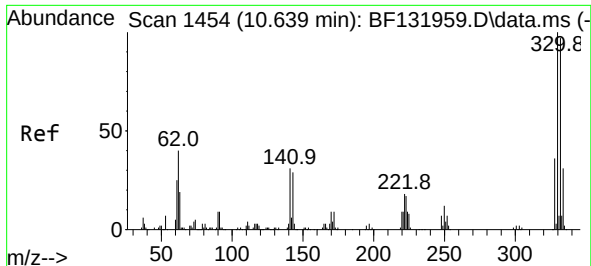
Tgt Ion: 82 Resp: 616323
Ion Ratio Lower Upper
82 100
128 34.6 28.7 43.1
54 49.2 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF132019.D
Acq: 11 Jan 2023 11:18

Tgt Ion:164 Resp: 207042
Ion Ratio Lower Upper
164 100
162 100.1 79.4 119.0
160 44.4 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 77.067 ng

RT: 10.627 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF132019.D

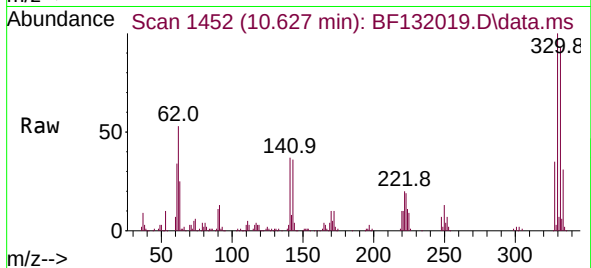
Acq: 11 Jan 2023 11:18

Instrument :

BNA_F

ClientSampleId :

PB150165BL



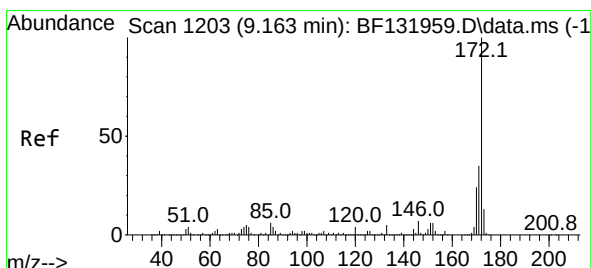
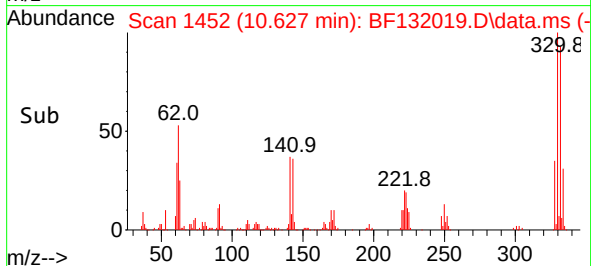
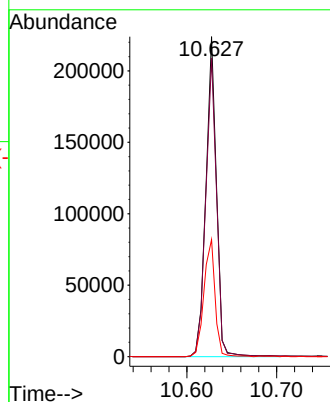
Tgt Ion:330 Resp: 183460

Ion Ratio Lower Upper

330 100

332 95.3 76.9 115.3

141 38.5 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 74.610 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF132019.D

Acq: 11 Jan 2023 11:18

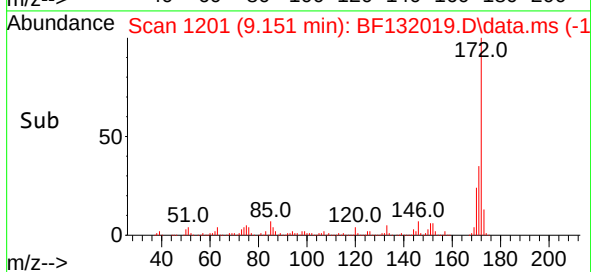
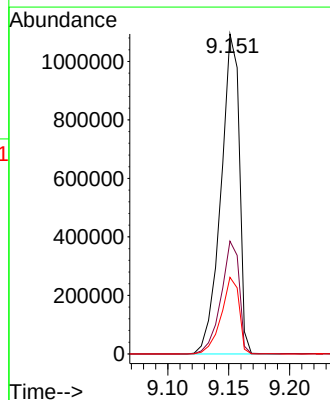
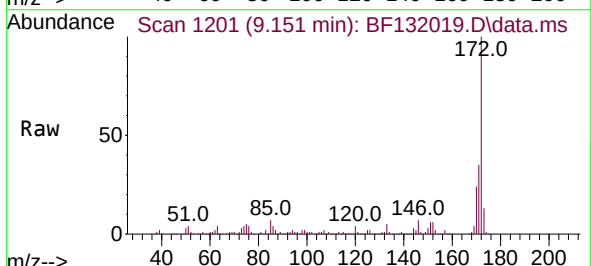
Tgt Ion:172 Resp: 1144289

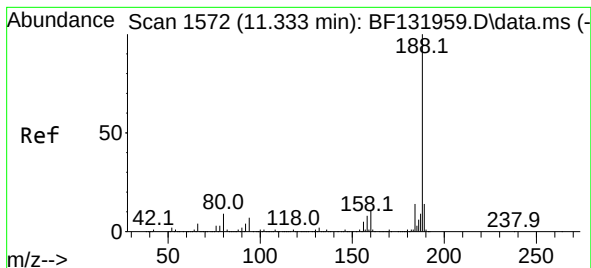
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.321 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF132019.D

Acq: 11 Jan 2023 11:18

Instrument :

BNA_F

ClientSampleId :

PB150165BL

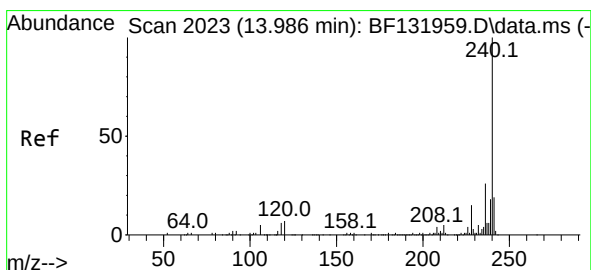
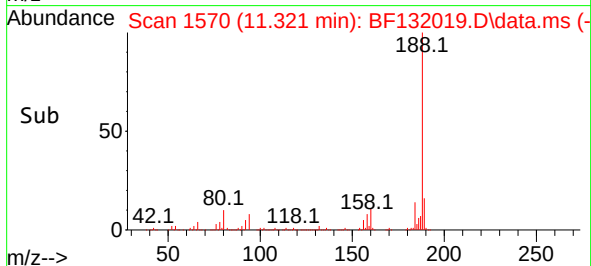
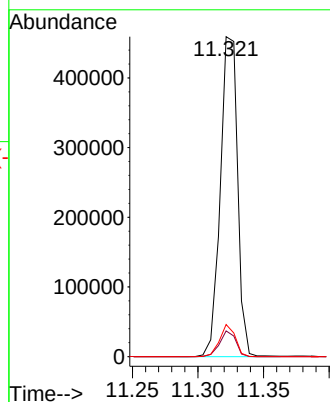
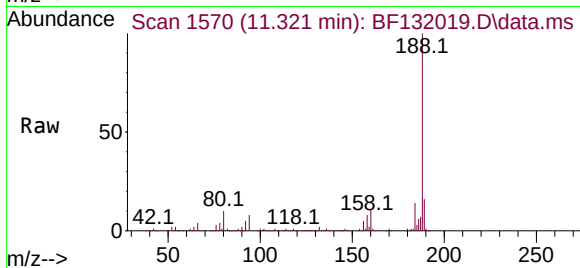
Tgt Ion:188 Resp: 422926

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

80 10.0 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.012 min

Lab File: BF132019.D

Acq: 11 Jan 2023 11:18

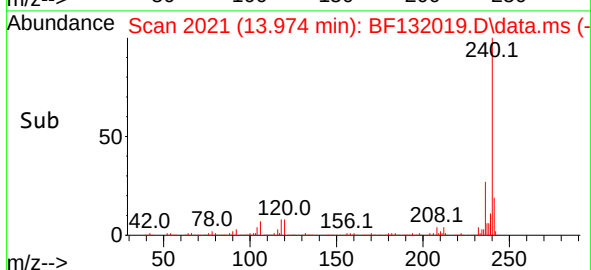
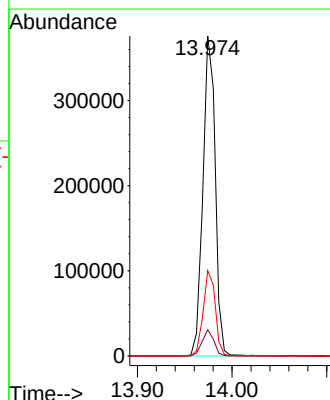
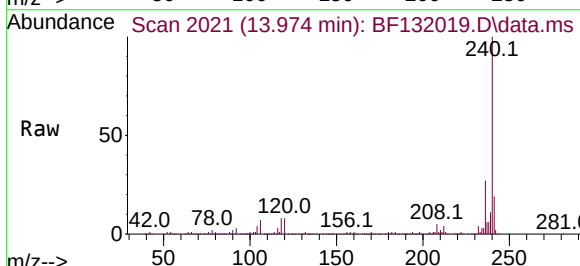
Tgt Ion:240 Resp: 339415

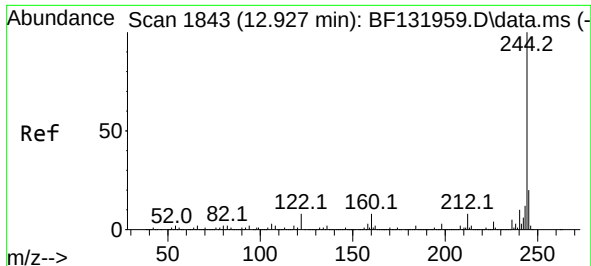
Ion Ratio Lower Upper

240 100

120 8.2 5.4 8.0#

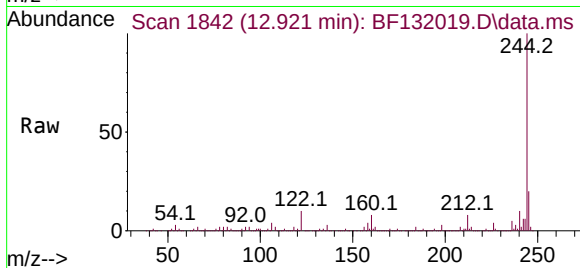
236 26.6 21.1 31.7



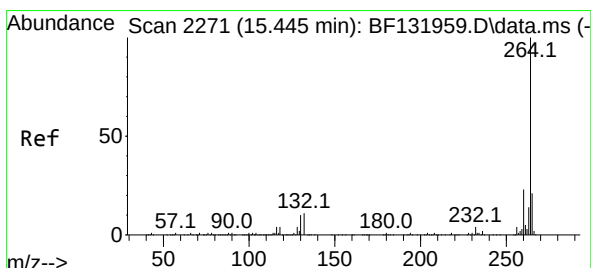
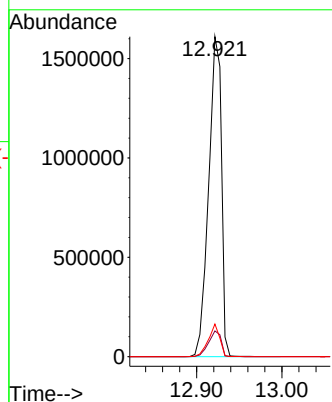
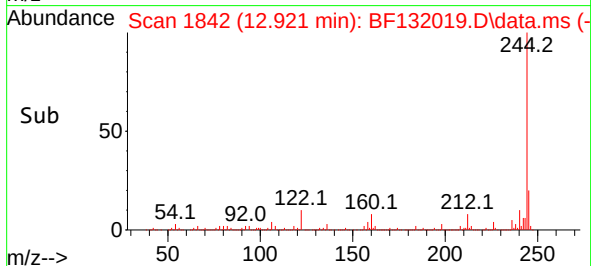


#79
 Terphenyl-d14
 Concen: 70.879 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. -0.006 min
 Lab File: BF132019.D
 Acq: 11 Jan 2023 11:18

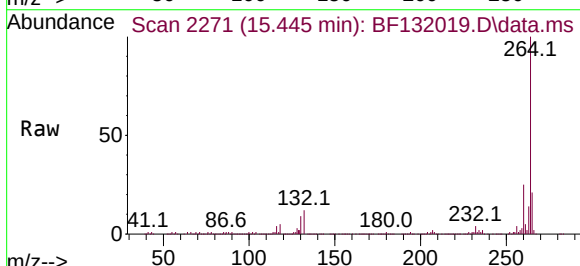
Instrument :
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Tgt Ion:244 Resp: 1678505
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 10.2 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.000 min
 Lab File: BF132019.D
 Acq: 11 Jan 2023 11:18



Tgt Ion:264 Resp: 250369
 Ion Ratio Lower Upper
 264 100
 260 25.1 18.3 27.5
 265 21.5 16.9 25.3

