

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011023\
 Data File : BF131993.D
 Acq On : 10 Jan 2023 12:39
 Operator : CG\JU
 Sample : 01053-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-201

Quant Time: Jan 11 00:35:16 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	65561	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	248281	20.000	ng	0.00
39) Acenaphthene-d10	9.833	164	150965	20.000	ng	0.00
64) Phenanthrene-d10	11.328	188	308284	20.000	ng	0.00
76) Chrysene-d12	13.974	240	165712	20.000	ng	-0.01
86) Perylene-d12	15.439	264	151557	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	402265	101.103	ng	0.00
7) Phenol-d6	6.428	99	518274	98.245	ng	0.00
23) Nitrobenzene-d5	7.357	82	374781	62.650	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	166514	95.931	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	654132	58.494	ng	-0.01
79) Terphenyl-d14	12.916	244	742540	64.224	ng	-0.01

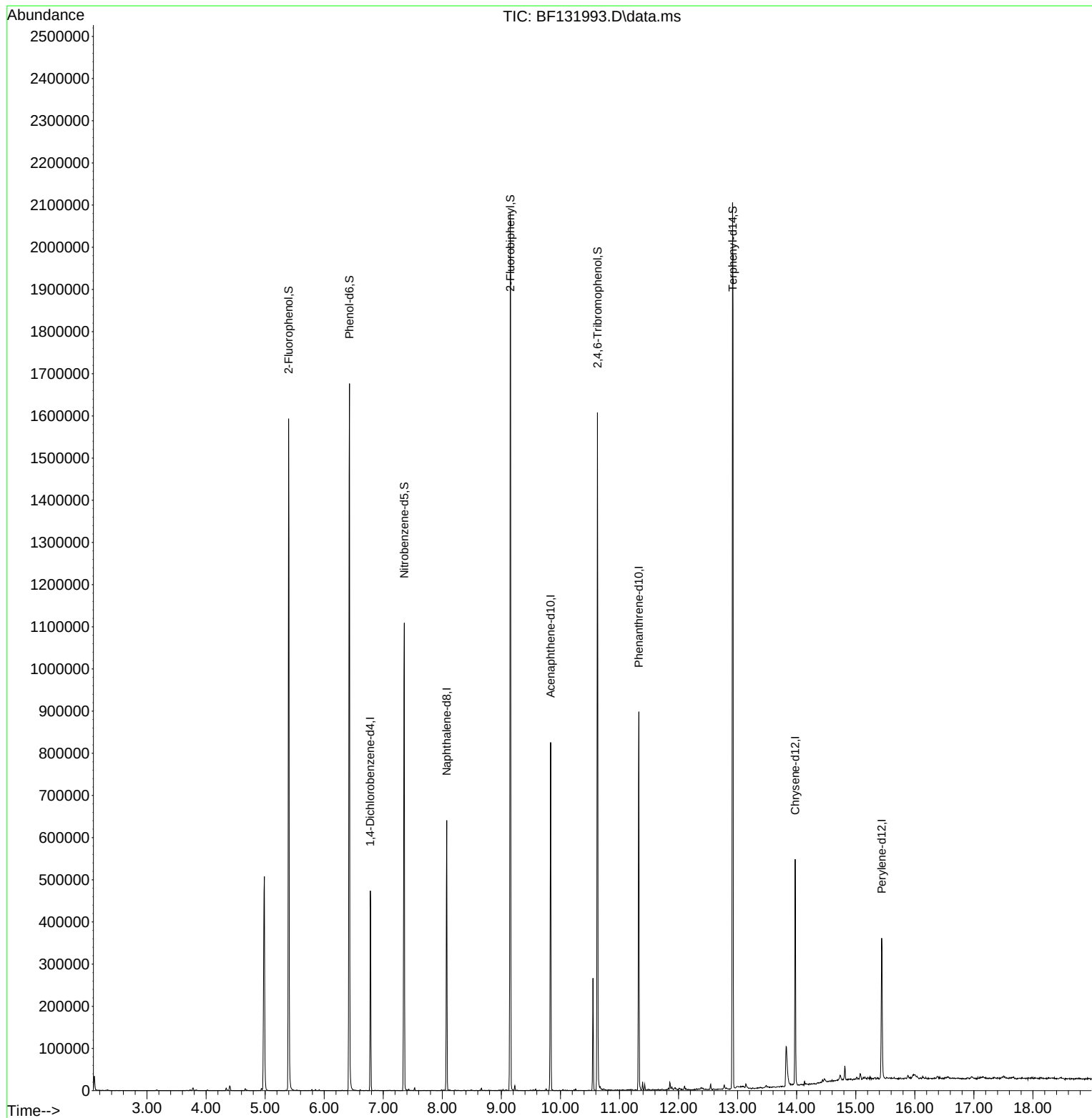
Target Compounds	Qvalue

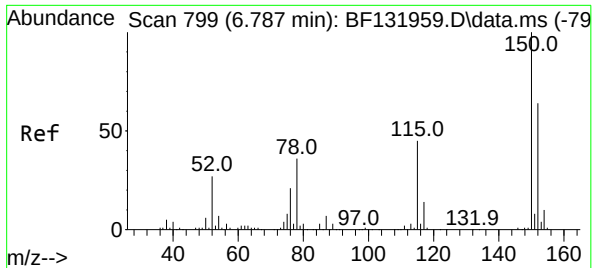
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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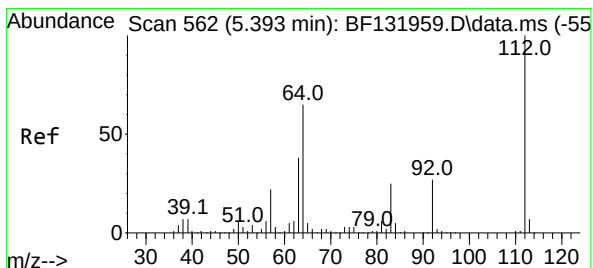
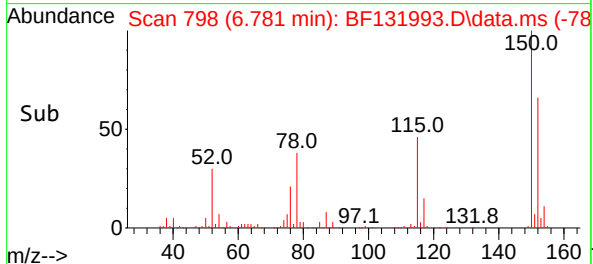
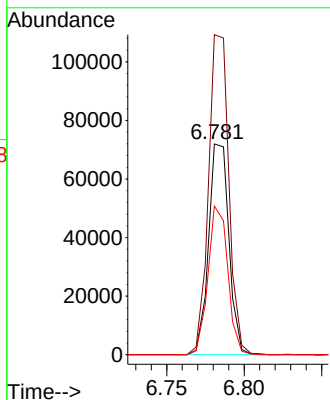
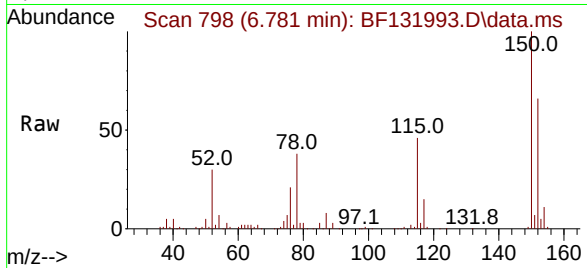




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: BF131993.D
 Acq: 10 Jan 2023 12:39

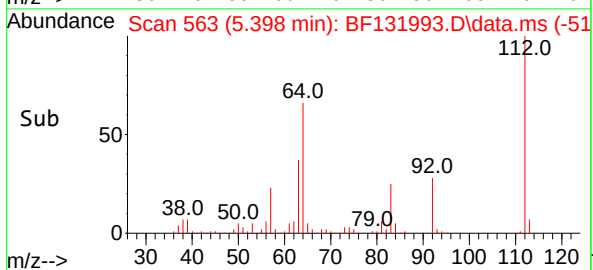
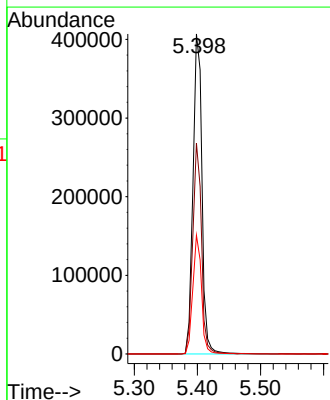
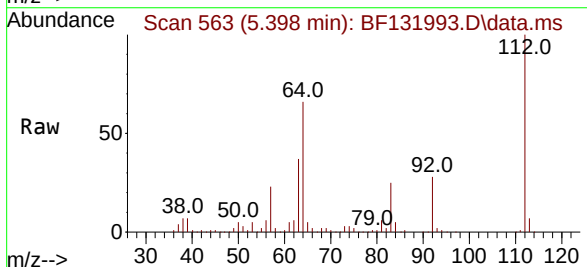
Instrument :
 BNA_F
 ClientSampleId :
 TP-201

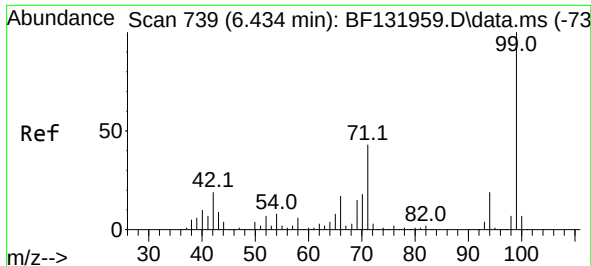
Tgt Ion:152 Resp: 65561
 Ion Ratio Lower Upper
 152 100
 150 151.8 124.6 186.8
 115 70.5 55.6 83.4



#5
 2-Fluorophenol
 Concen: 101.103 ng
 RT: 5.398 min Scan# 563
 Delta R.T. 0.006 min
 Lab File: BF131993.D
 Acq: 10 Jan 2023 12:39

Tgt Ion:112 Resp: 402265
 Ion Ratio Lower Upper
 112 100
 64 65.9 51.9 77.9
 63 37.1 30.2 45.2

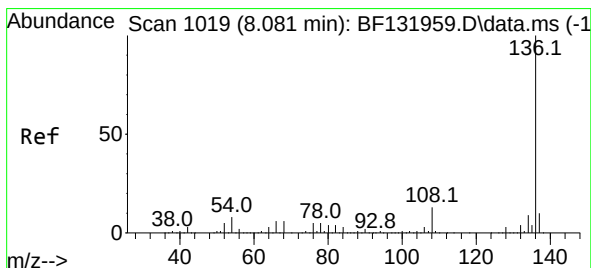
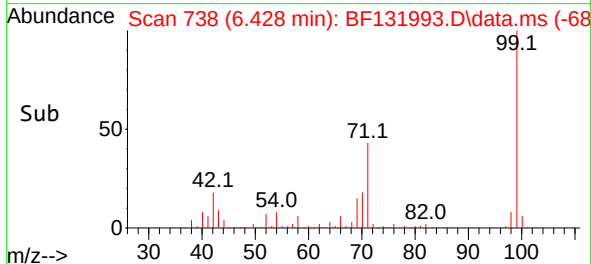
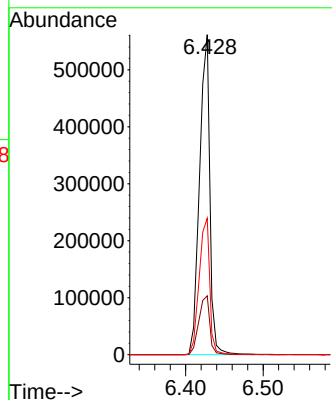
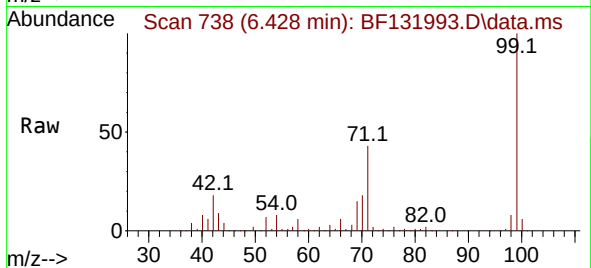




#7
Phenol-d6
Concen: 98.245 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

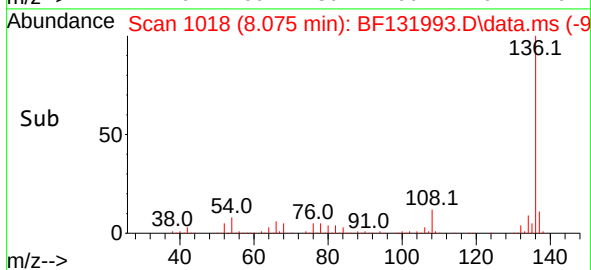
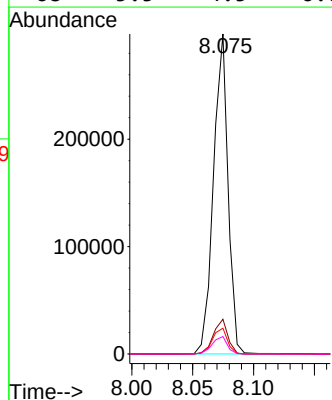
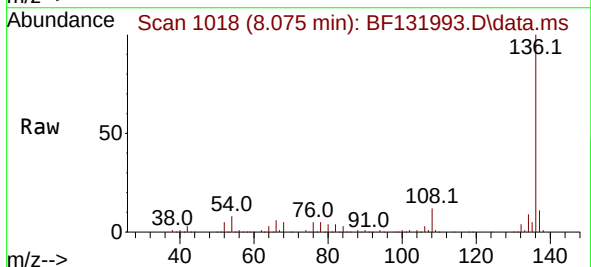
Instrument :
BNA_F
ClientSampleId :
TP-201

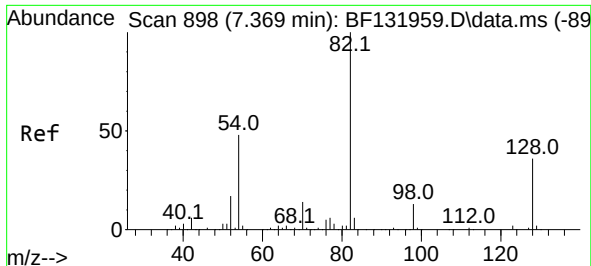
Tgt Ion: 99 Resp: 518274
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.2
71 42.7 34.6 51.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

Tgt Ion: 136 Resp: 248281
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 8.1 6.6 9.8
68 5.5 4.5 6.7

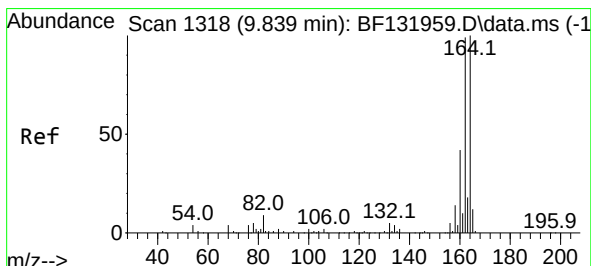
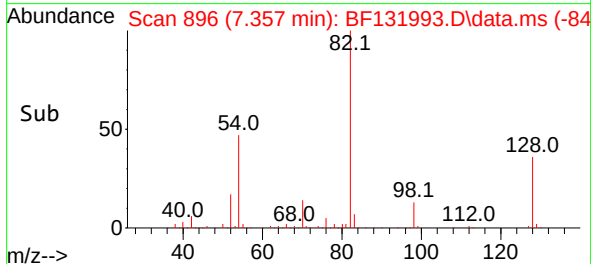
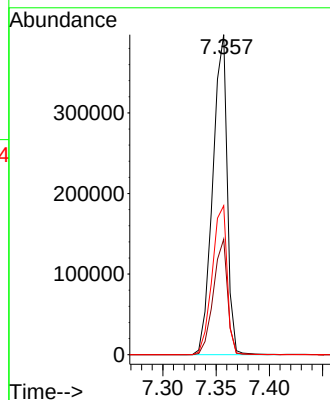
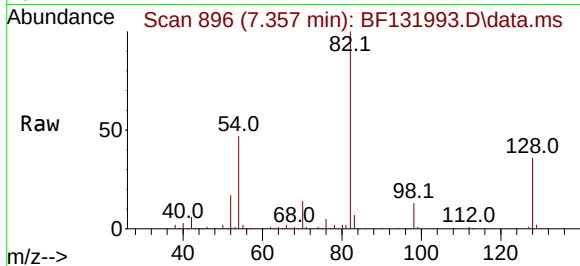




#23
Nitrobenzene-d5
Concen: 62.650 ng
RT: 7.357 min Scan# 89
Delta R.T. -0.012 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

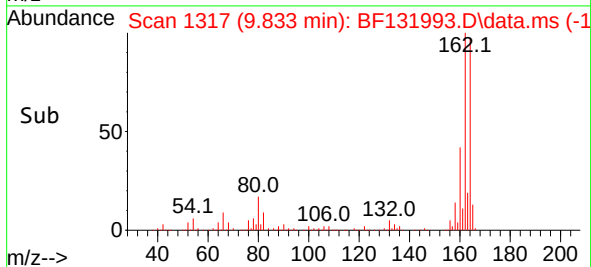
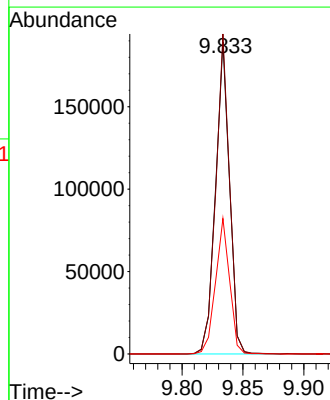
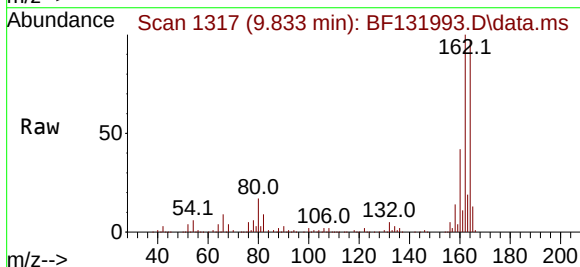
Instrument :
BNA_F
ClientSampleId :
TP-201

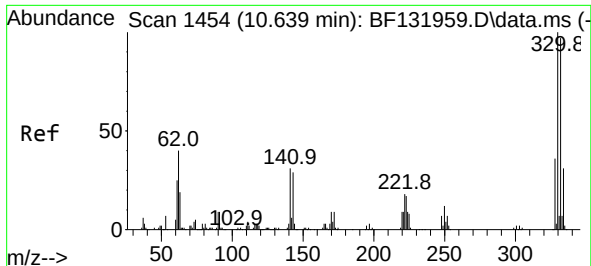
Tgt Ion: 82 Resp: 374781
Ion Ratio Lower Upper
82 100
128 36.1 28.7 43.1
54 46.6 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.833 min Scan# 1317
Delta R.T. -0.006 min
Lab File: BF131993.D
Acq: 10 Jan 2023 12:39

Tgt Ion:164 Resp: 150965
Ion Ratio Lower Upper
164 100
162 102.6 79.4 119.0
160 43.4 33.9 50.9





#42

2,4,6-Tribromophenol

Concen: 95.931 ng

RT: 10.628 min Scan# 1454

Delta R.T. -0.012 min

Lab File: BF131993.D

Acq: 10 Jan 2023 12:39

Instrument :

BNA_F

ClientSampleId :

TP-201

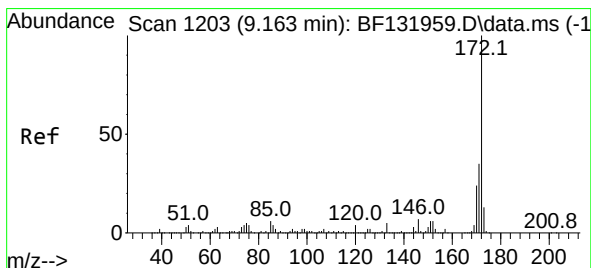
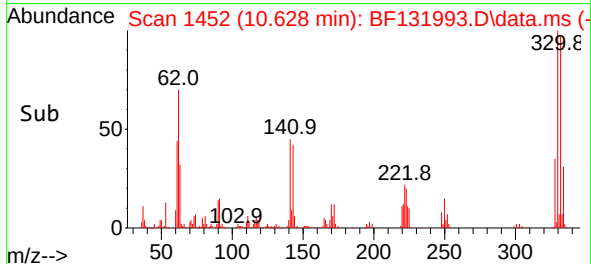
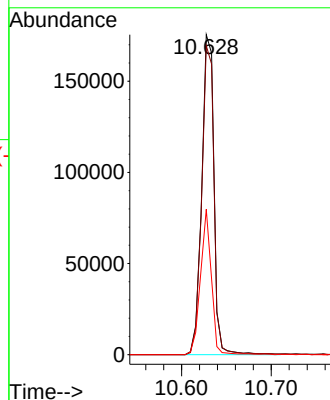
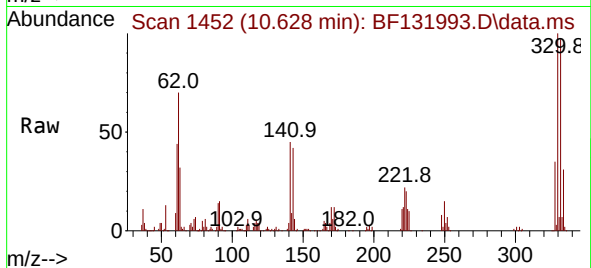
Tgt Ion:330 Resp: 166514

Ion Ratio Lower Upper

330 100

332 97.0 76.9 115.3

141 40.5 31.3 46.9



#45

2-Fluorobiphenyl

Concen: 58.494 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF131993.D

Acq: 10 Jan 2023 12:39

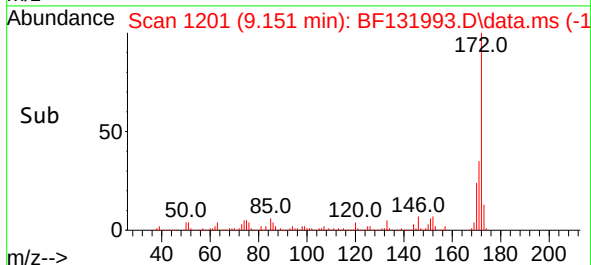
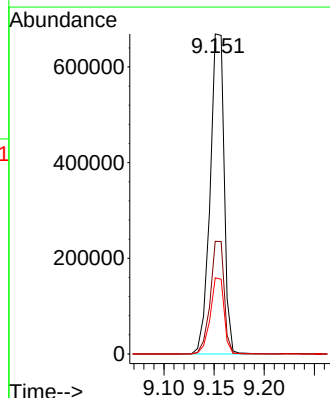
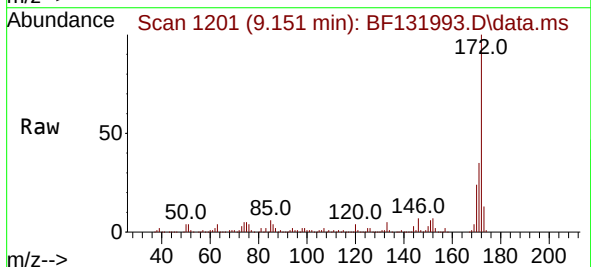
Tgt Ion:172 Resp: 654132

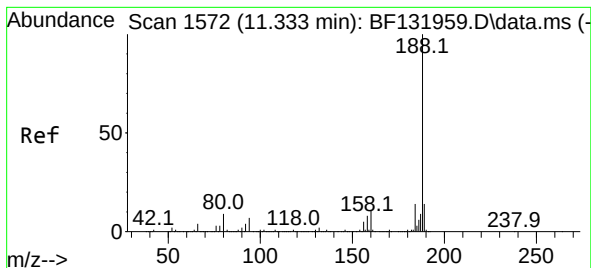
Ion Ratio Lower Upper

172 100

171 35.2 28.0 42.0

170 23.8 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131993.D

Acq: 10 Jan 2023 12:39

Instrument :

BNA_F

ClientSampleId :

TP-201

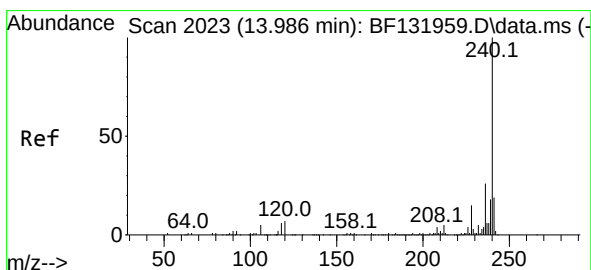
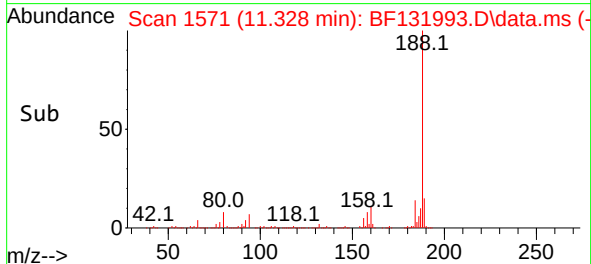
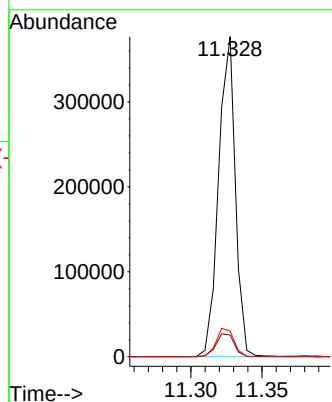
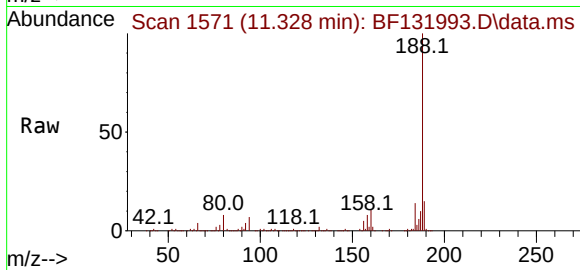
Tgt Ion:188 Resp: 308284

Ion Ratio Lower Upper

188 100

94 6.8 5.8 8.6

80 8.0 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: BF131993.D

Acq: 10 Jan 2023 12:39

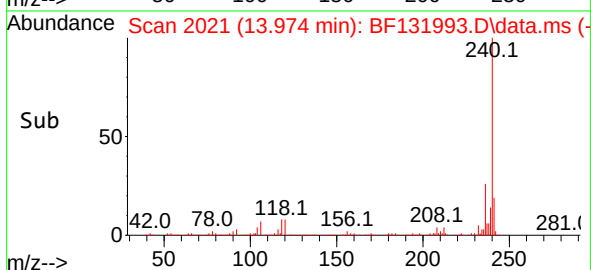
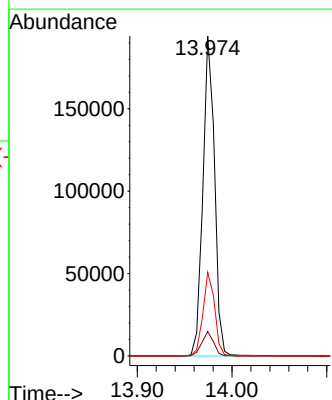
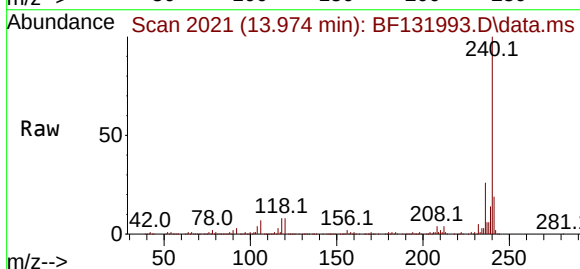
Tgt Ion:240 Resp: 165712

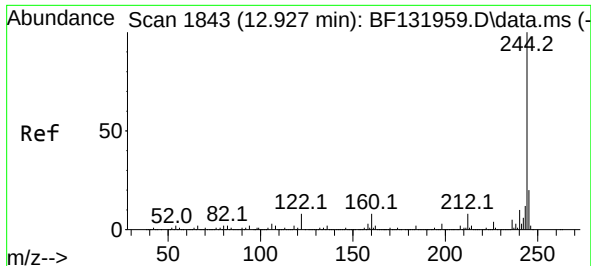
Ion Ratio Lower Upper

240 100

120 7.6 5.4 8.0

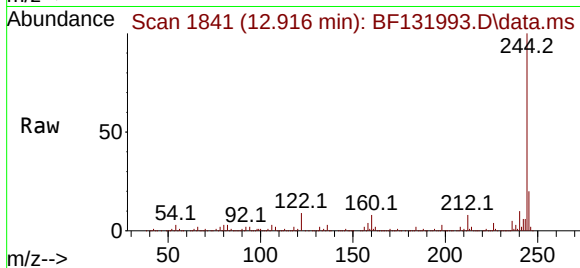
236 26.2 21.1 31.7



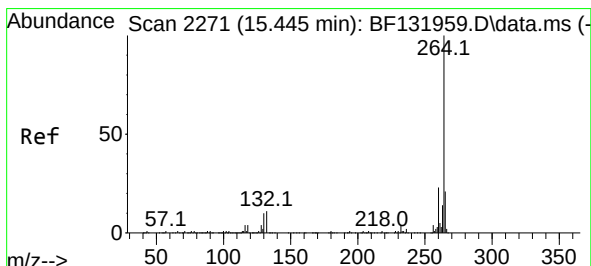
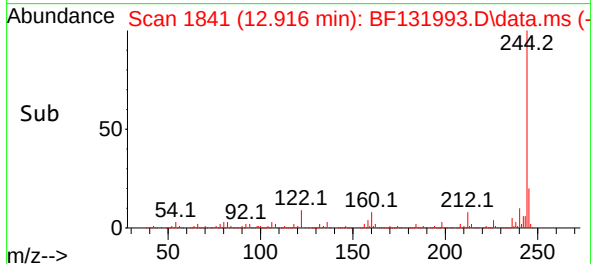
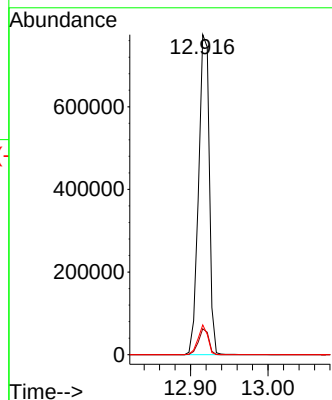


#79
 Terphenyl-d14
 Concen: 64.224 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF131993.D
 Acq: 10 Jan 2023 12:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-201



Tgt Ion:244 Resp: 742540
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.3 6.8 10.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.439 min Scan# 2270
 Delta R.T. -0.006 min
 Lab File: BF131993.D
 Acq: 10 Jan 2023 12:39

Tgt Ion:264 Resp: 151557
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 21.4 16.9 25.3

