

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011623\
 Data File : BF132083.D
 Acq On : 16 Jan 2023 22:39
 Operator : CG\JU
 Sample : PB150221BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150221BL

Quant Time: Jan 17 06:50:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 01:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.098	152	264214	20.000	ng	0.00
21) Naphthalene-d8	8.380	136	986618	20.000	ng	0.00
39) Acenaphthene-d10	10.151	164	537734	20.000	ng	0.00
64) Phenanthrene-d10	11.651	188	1034024	20.000	ng	0.00
76) Chrysene-d12	14.310	240	870954	20.000	ng	0.00
86) Perylene-d12	15.915	264	813424	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.734	112	1730768	117.643	ng	0.02
7) Phenol-d6	6.710	99	2188586	119.293	ng	0.00
23) Nitrobenzene-d5	7.657	82	1424486	98.823	ng	0.00
42) 2,4,6-Tribromophenol	10.945	330	711199	138.446	ng	0.00
45) 2-Fluorobiphenyl	9.463	172	2643149	76.400	ng	0.00
79) Terphenyl-d14	13.251	244	3186167	69.510	ng	0.00

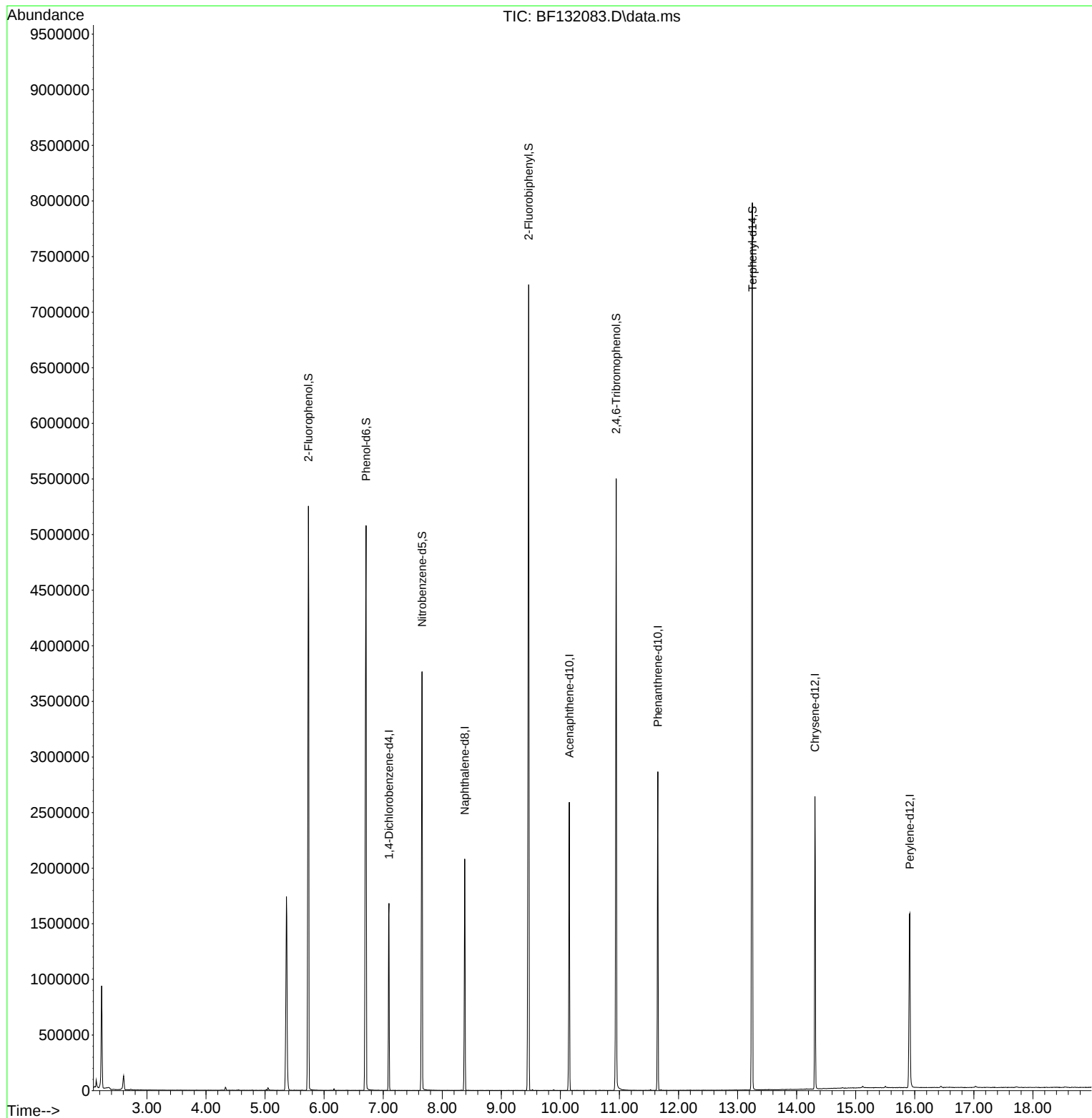
Target Compounds Qvalue

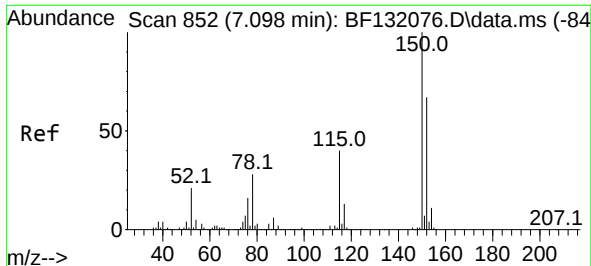
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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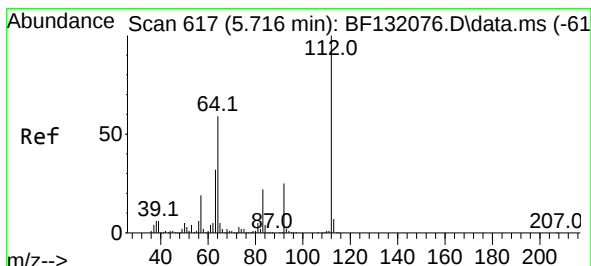
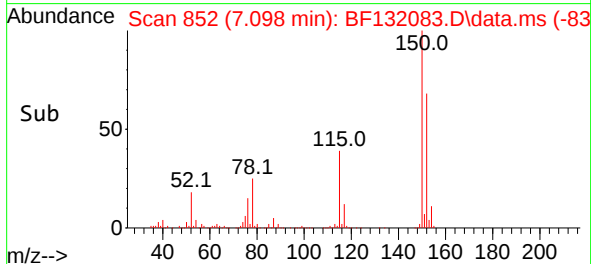
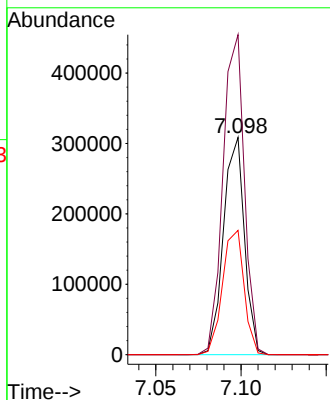
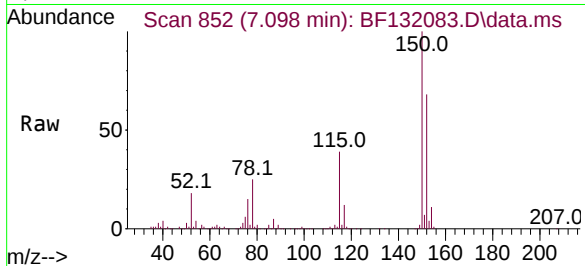




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.098 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

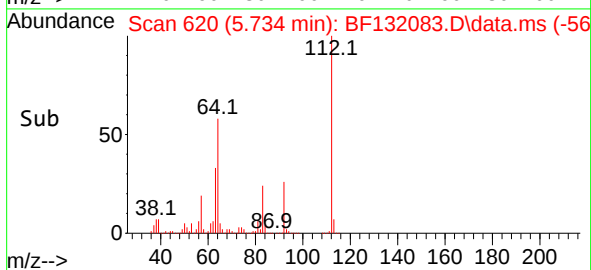
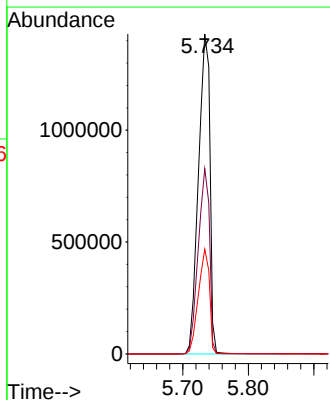
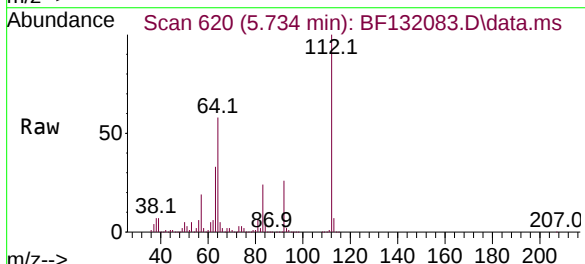
Instrument :
BNA_F
ClientSampleId :
PB150221BL

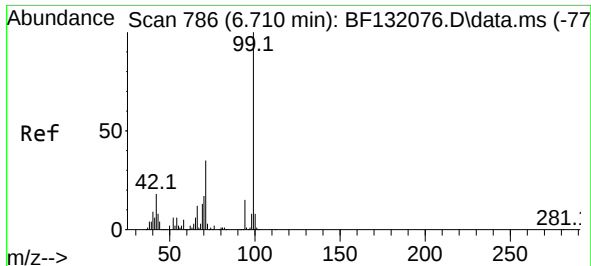
Tgt Ion:152 Resp: 264214
Ion Ratio Lower Upper
152 100
150 147.4 118.6 178.0
115 57.2 47.0 70.6



#5
2-Fluorophenol
Concen: 117.643 ng
RT: 5.734 min Scan# 620
Delta R.T. 0.018 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

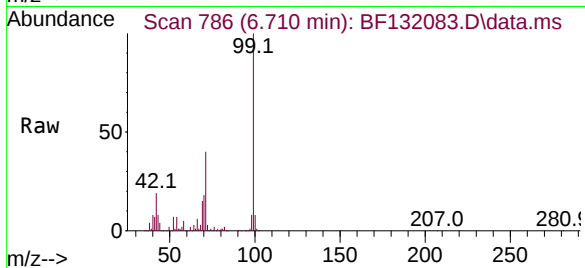
Tgt Ion:112 Resp: 1730768
Ion Ratio Lower Upper
112 100
64 57.9 46.9 70.3
63 32.7 25.6 38.4





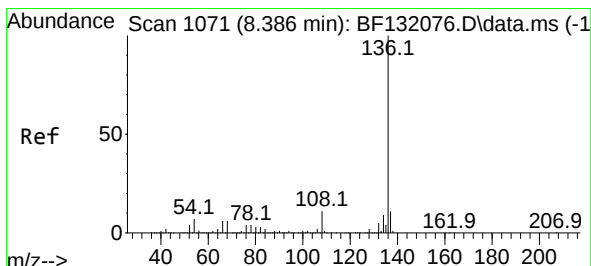
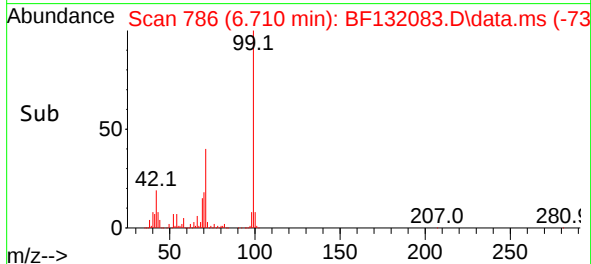
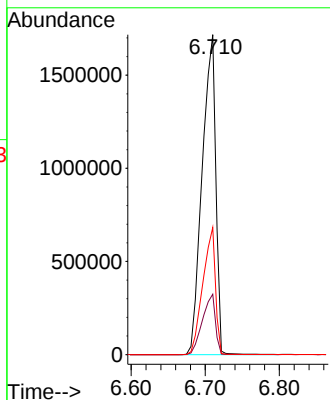
#7
Phenol-d6
Concen: 119.293 ng
RT: 6.710 min Scan# 786
Delta R.T. -0.000 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Instrument :
BNA_F
ClientSampleId :
PB150221BL



Tgt Ion: 99 Resp: 2188586

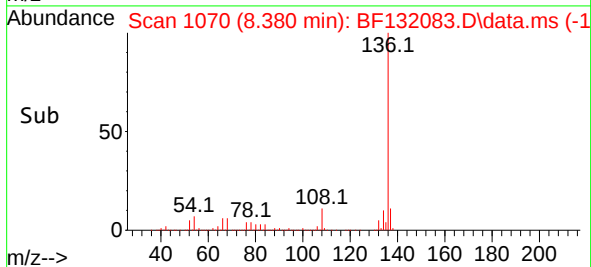
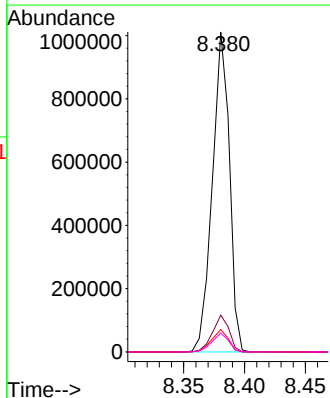
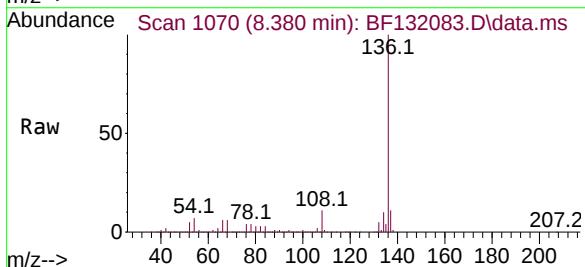
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.0	21.0
71	39.8	28.2	42.4

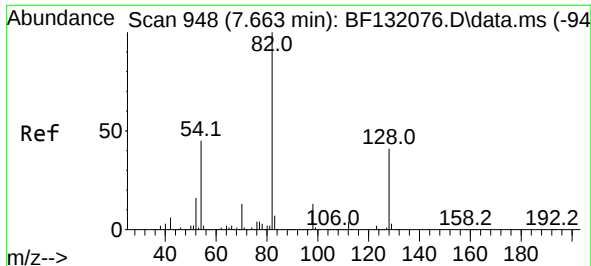


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.380 min Scan# 1070
Delta R.T. -0.006 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Tgt Ion: 136 Resp: 986618

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	7.0	5.3	7.9
68	5.9	4.4	6.6





#23

Nitrobenzene-d5

Concen: 98.823 ng

RT: 7.657 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF132083.D

Acq: 16 Jan 2023 22:39

Instrument :

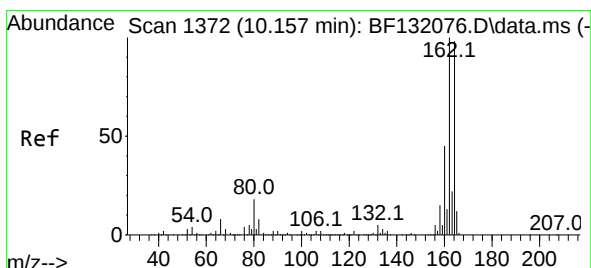
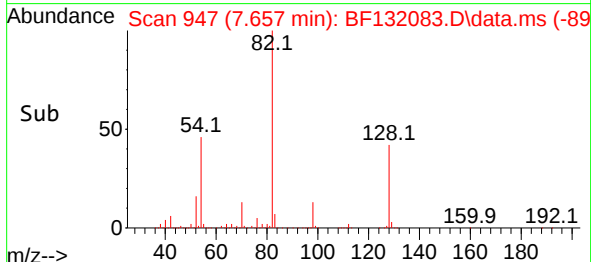
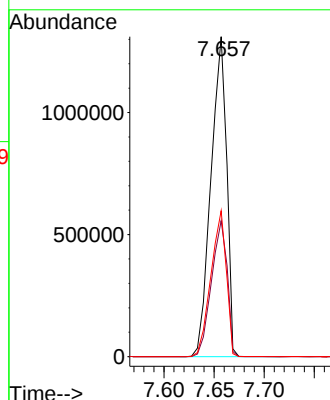
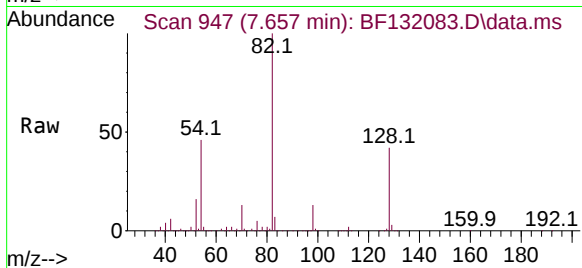
BNA_F

ClientSampleId :

PB150221BL

Tgt Ion: 82 Resp: 1424486

Ion	Ratio	Lower	Upper
82	100		
128	42.5	32.6	48.8
54	45.6	36.0	54.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.151 min Scan# 1371

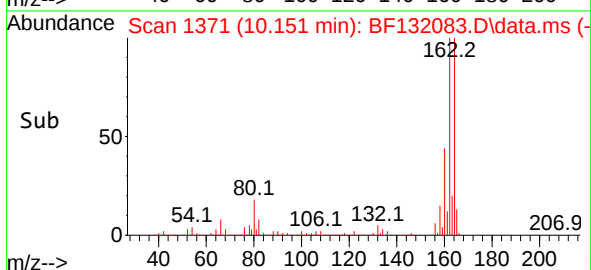
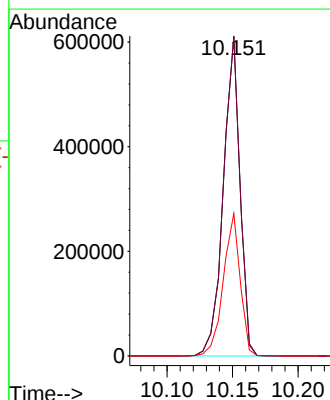
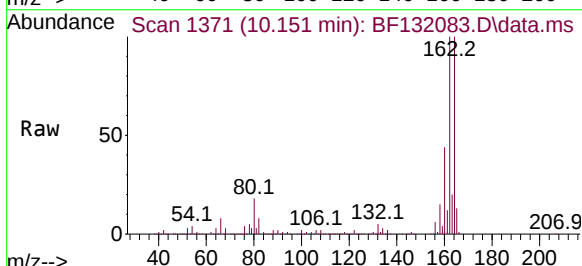
Delta R.T. -0.006 min

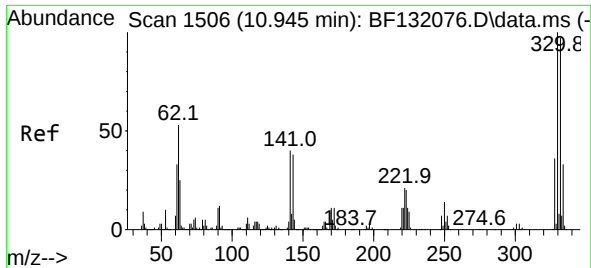
Lab File: BF132083.D

Acq: 16 Jan 2023 22:39

Tgt Ion:164 Resp: 537734

Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.5	122.3
160	44.6	36.6	55.0

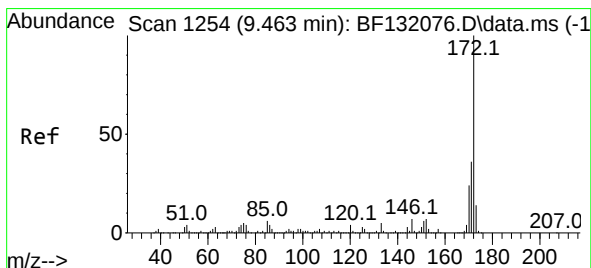
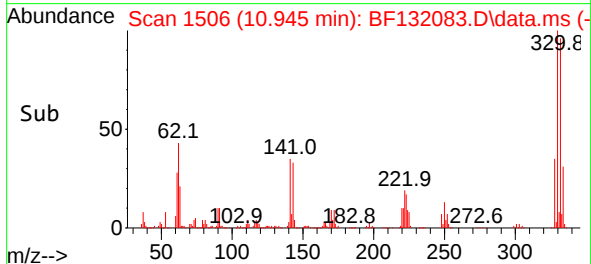
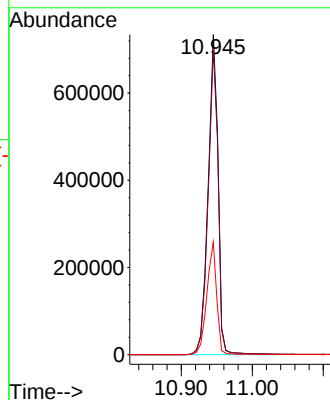
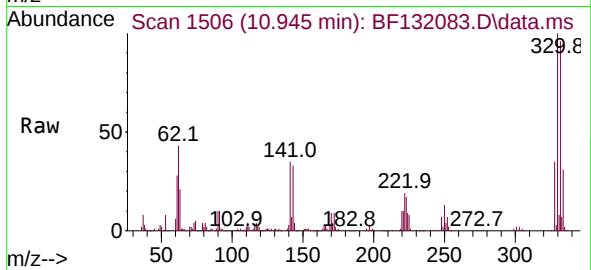




#42
2,4,6-Tribromophenol
Concen: 138.446 ng
RT: 10.945 min Scan# 1506
Delta R.T. 0.000 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

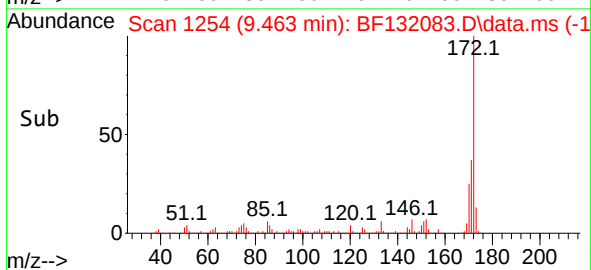
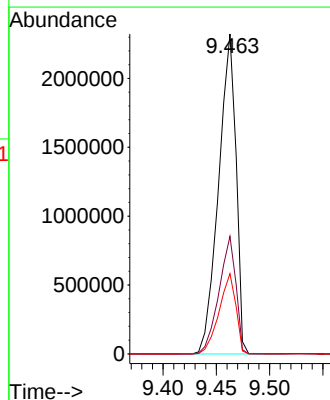
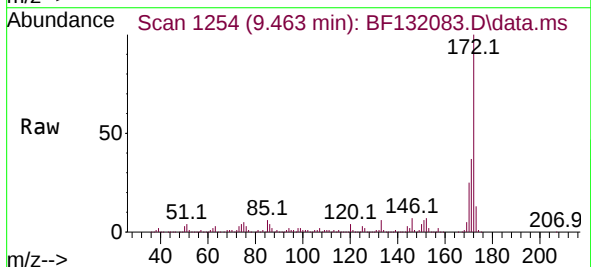
Instrument :
BNA_F
ClientSampleId :
PB150221BL

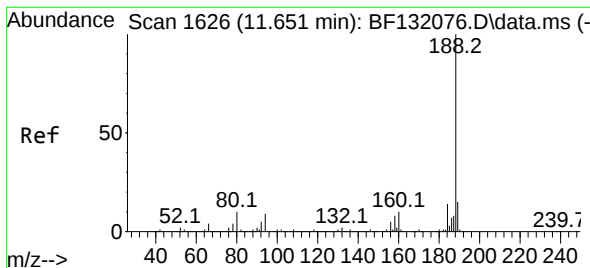
Tgt Ion:330 Resp: 711199
Ion Ratio Lower Upper
330 100
332 96.0 77.9 116.9
141 34.7 29.2 43.8



#45
2-Fluorobiphenyl
Concen: 76.400 ng
RT: 9.463 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF132083.D
Acq: 16 Jan 2023 22:39

Tgt Ion:172 Resp: 2643149
Ion Ratio Lower Upper
172 100
171 36.7 28.7 43.1
170 25.1 19.5 29.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.651 min Scan# 10

Delta R.T. -0.000 min

Lab File: BF132083.D

Acq: 16 Jan 2023 22:39

Instrument :

BNA_F

ClientSampleId :

PB150221BL

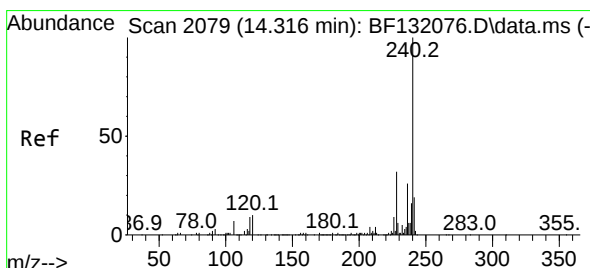
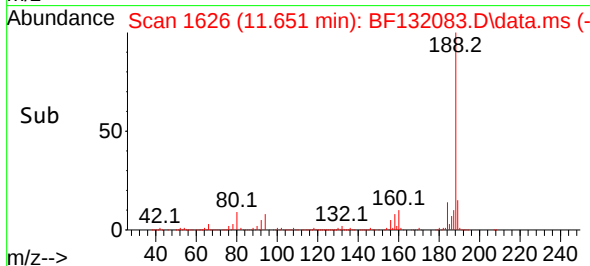
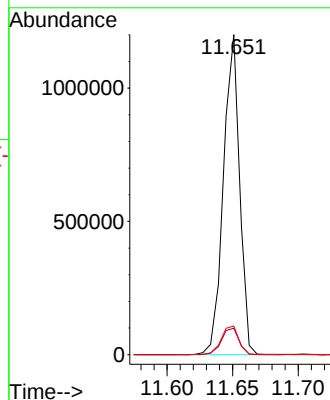
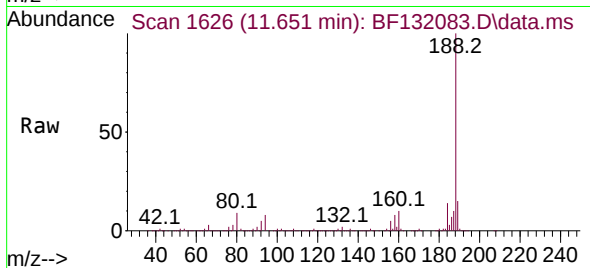
Tgt Ion:188 Resp: 1034024

Ion Ratio Lower Upper

188 100

94 8.2 7.2 10.8

80 9.0 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.310 min Scan# 2078

Delta R.T. -0.007 min

Lab File: BF132083.D

Acq: 16 Jan 2023 22:39

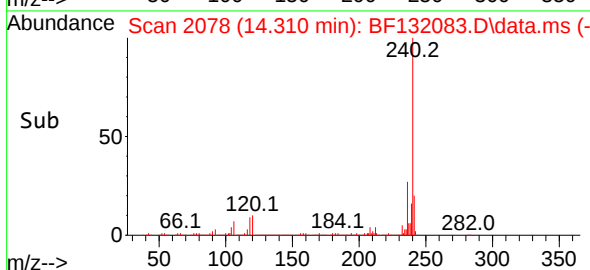
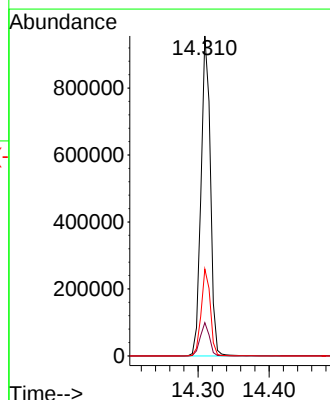
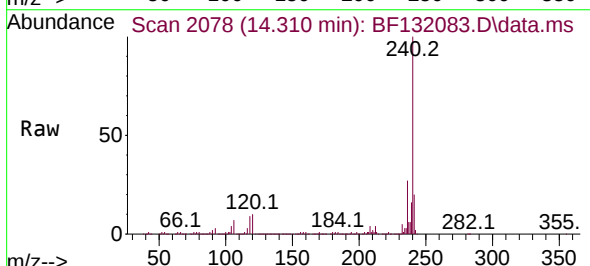
Tgt Ion:240 Resp: 870954

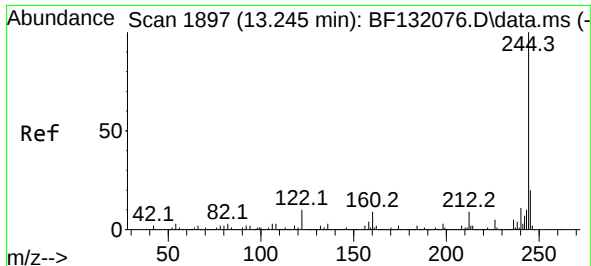
Ion Ratio Lower Upper

240 100

120 10.4 8.1 12.1

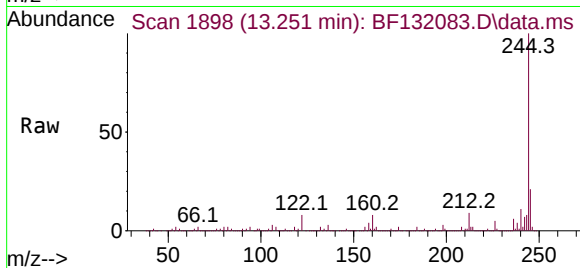
236 27.1 21.0 31.4





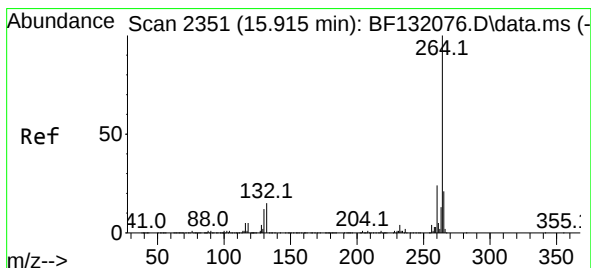
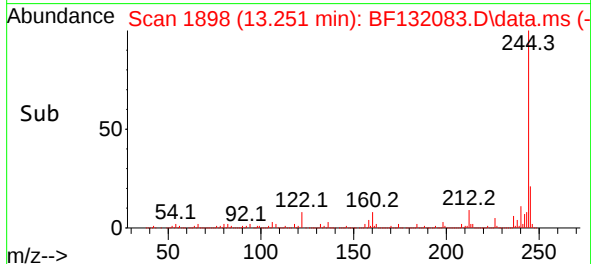
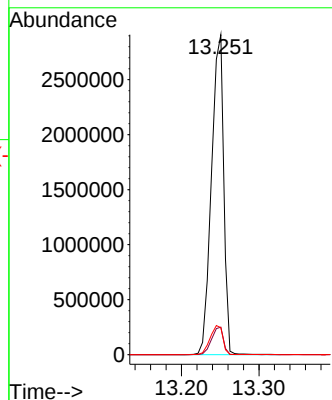
#79
 Terphenyl-d14
 Concen: 69.510 ng
 RT: 13.251 min Scan# 1898
 Delta R.T. 0.006 min
 Lab File: BF132083.D
 Acq: 16 Jan 2023 22:39

Instrument :
 BNA_F
 ClientSampleId :
 PB150221BL



Tgt Ion:244 Resp: 3186167

Ion	Ratio	Lower	Upper
244	100		
212	8.6	7.0	10.4
122	8.4	7.8	11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.915 min Scan# 2351
 Delta R.T. -0.000 min
 Lab File: BF132083.D
 Acq: 16 Jan 2023 22:39

Tgt Ion:264 Resp: 813424

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.1	28.7
265	21.7	17.1	25.7

