

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130307.D
 Acq On : 17 Sep 2022 00:05
 Operator : CG\JU
 Sample : N4656-21
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Quant Time: Sep 17 03:32:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	92501	20.000	ng	0.00
21) Naphthalene-d8	7.951	136	344908	20.000	ng	# 0.00
39) Acenaphthene-d10	9.698	164	160465	20.000	ng	0.00
64) Phenanthrene-d10	11.174	188	206938	20.000	ng	0.00
76) Chrysene-d12	13.804	240	161746	20.000	ng	0.00
86) Perylene-d12	15.192	264	190081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	579275	108.618	ng	0.00
7) Phenol-d6	6.304	99	698056	104.610	ng	0.00
23) Nitrobenzene-d5	7.234	82	449868	66.635	ng	0.00
42) 2,4,6-Tribromophenol	10.480	330	143864	93.566	ng	-0.01
45) 2-Fluorobiphenyl	9.028	172	786727	71.394	ng	0.00
79) Terphenyl-d14	12.763	244	509696	52.200	ng	0.00

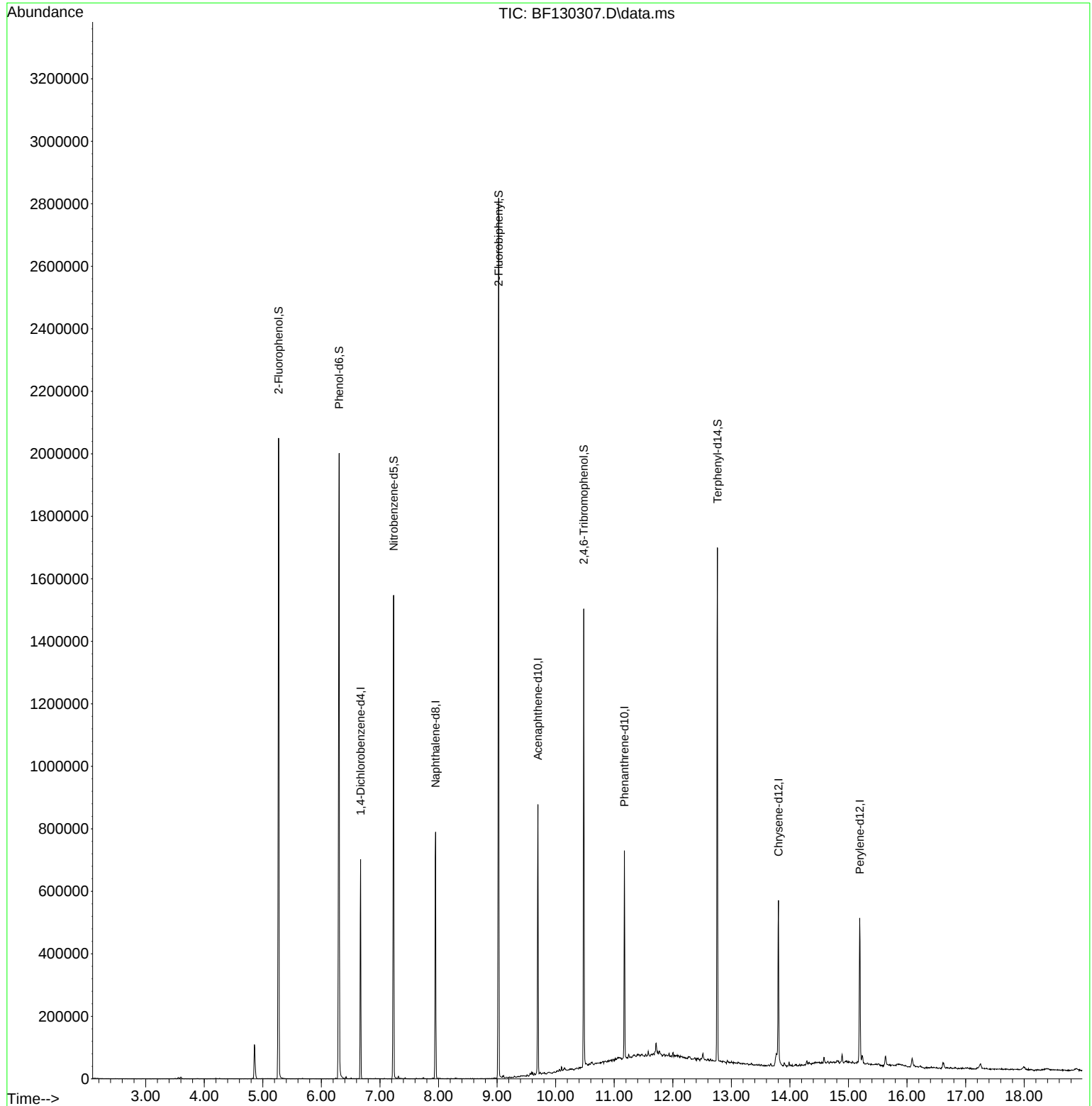
Target Compounds Qvalue

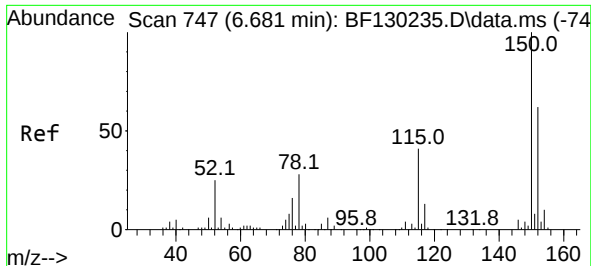
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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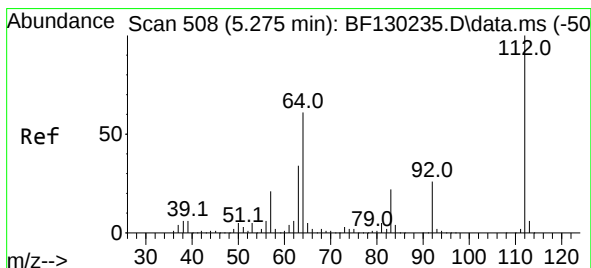
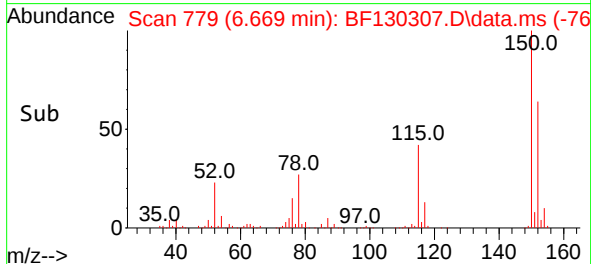
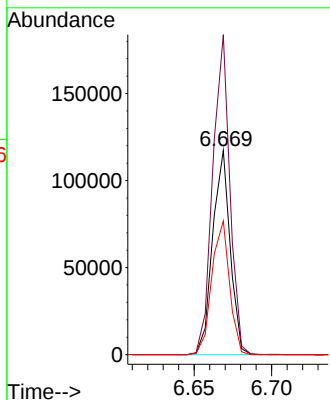
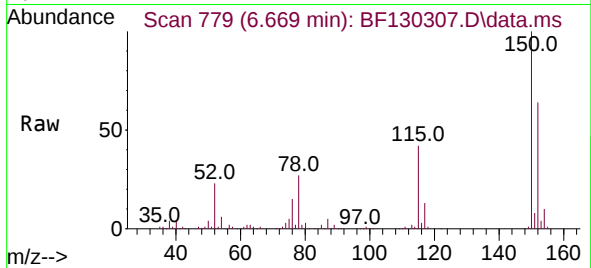




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130307.D
Acq: 17 Sep 2022 00:05

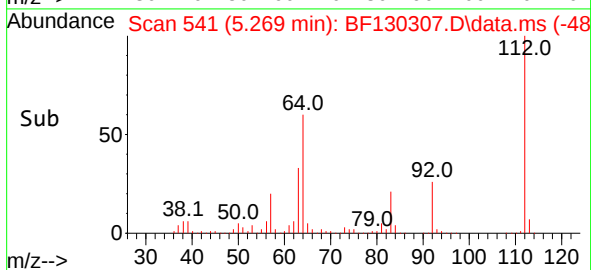
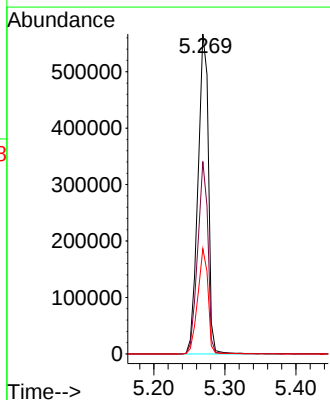
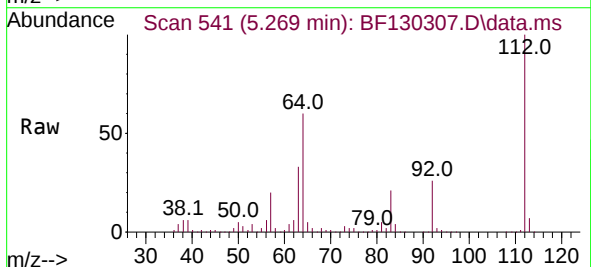
Instrument :
BNA_F
ClientSampleId :
SP-3

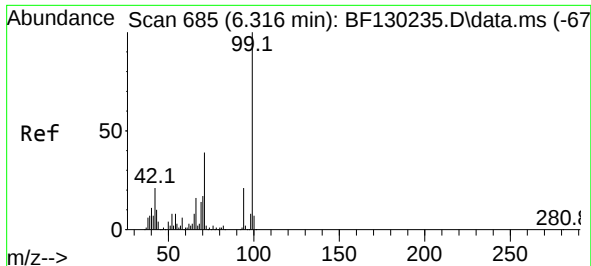
Tgt Ion:152 Resp: 92501
Ion Ratio Lower Upper
152 100
150 156.7 122.8 184.2
115 65.5 53.8 80.8



#5
2-Fluorophenol
Concen: 108.618 ng
RT: 5.269 min Scan# 541
Delta R.T. 0.006 min
Lab File: BF130307.D
Acq: 17 Sep 2022 00:05

Tgt Ion:112 Resp: 579275
Ion Ratio Lower Upper
112 100
64 60.1 51.4 77.0
63 32.9 28.8 43.2

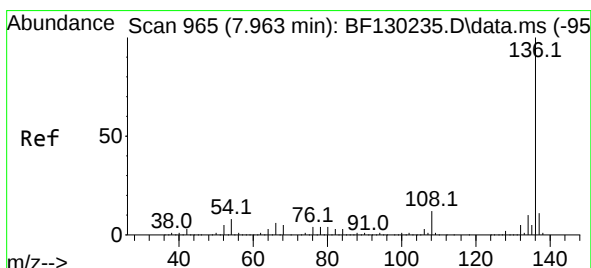
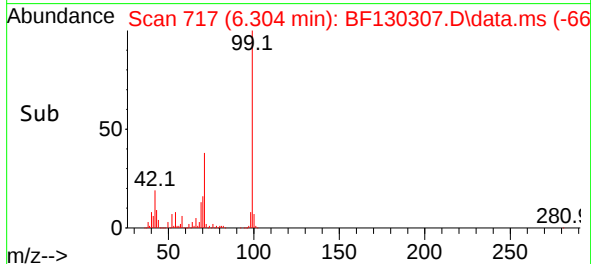
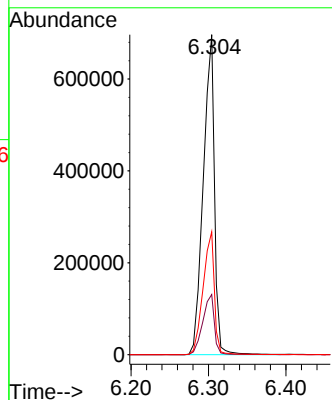
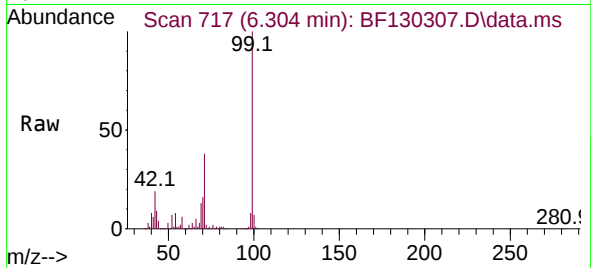




#7
Phenol-d6
Concen: 104.610 ng
RT: 6.304 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130307.D
Acq: 17 Sep 2022 00:05

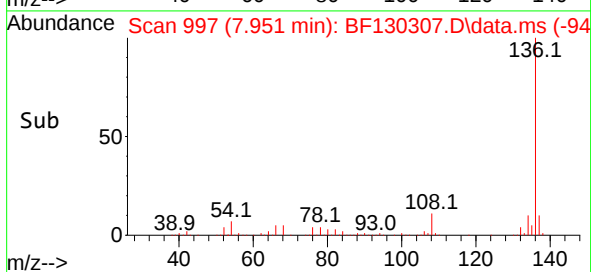
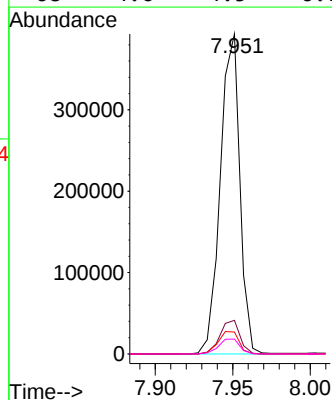
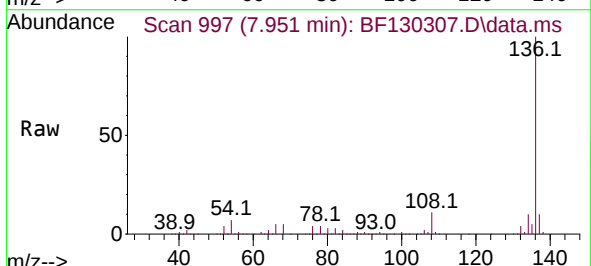
Instrument :
BNA_F
ClientSampleId :
SP-3

Tgt Ion: 99 Resp: 698056
Ion Ratio Lower Upper
99 100
42 18.8 17.0 25.6
71 38.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130307.D
Acq: 17 Sep 2022 00:05

Tgt Ion: 136 Resp: 344908
Ion Ratio Lower Upper
136 100
137 10.5 9.1 13.7
54 6.8 7.1 10.7#
68 4.6 4.5 6.7





#23

Nitrobenzene-d5

Concen: 66.635 ng

RT: 7.234 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130307.D

Acq: 17 Sep 2022 00:05

Instrument :

BNA_F

ClientSampleId :

SP-3

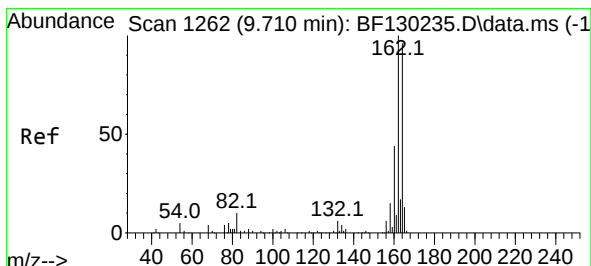
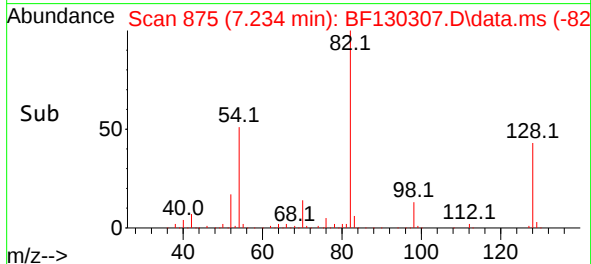
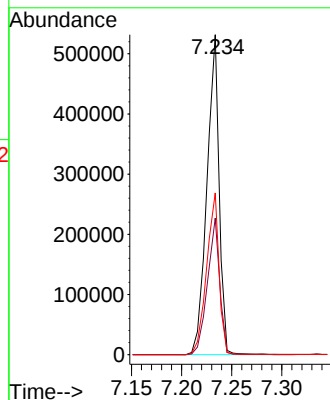
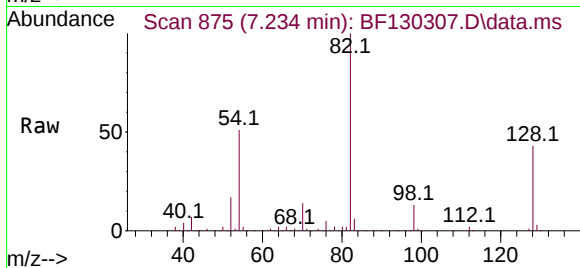
Tgt Ion: 82 Resp: 449868

Ion Ratio Lower Upper

82 100

128 42.7 32.6 49.0

54 50.5 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.698 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF130307.D

Acq: 17 Sep 2022 00:05

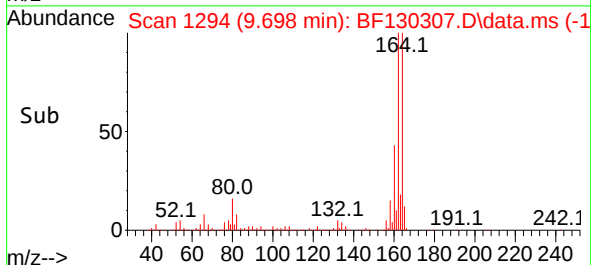
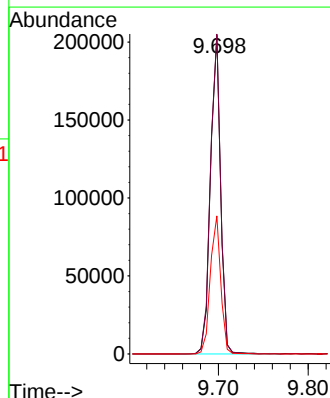
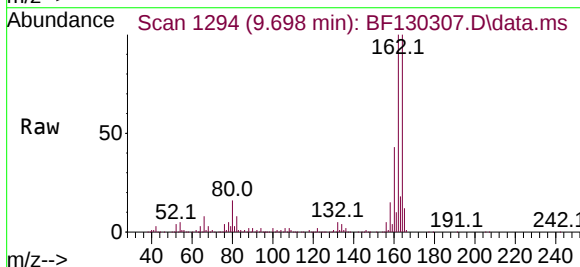
Tgt Ion:164 Resp: 160465

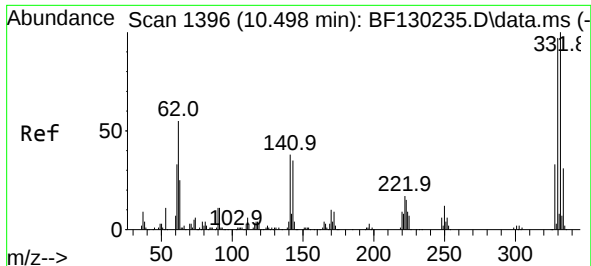
Ion Ratio Lower Upper

164 100

162 100.4 81.4 122.0

160 43.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 93.566 ng

RT: 10.480 min Scan# 14

Delta R.T. -0.012 min

Lab File: BF130307.D

Acq: 17 Sep 2022 00:05

Instrument :

BNA_F

ClientSampleId :

SP-3

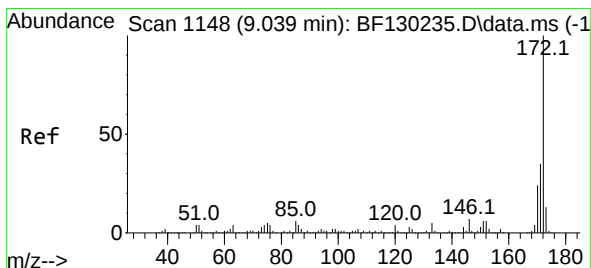
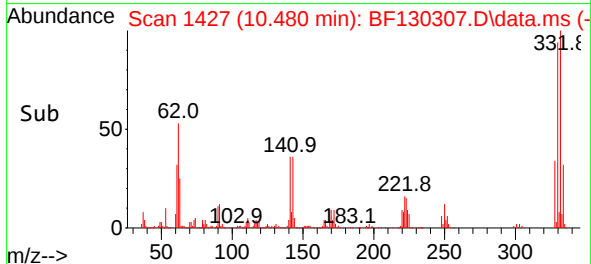
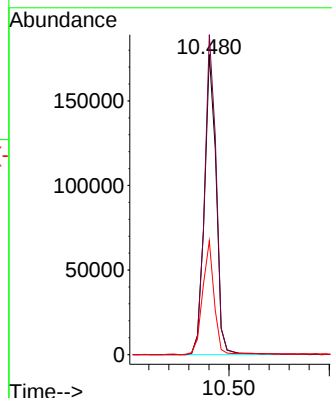
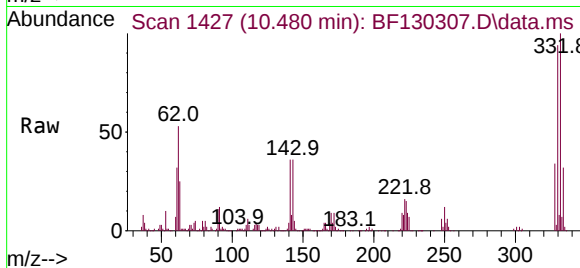
Tgt Ion:330 Resp: 143864

Ion Ratio Lower Upper

330 100

332 105.5 83.4 125.2

141 37.9 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 71.394 ng

RT: 9.028 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF130307.D

Acq: 17 Sep 2022 00:05

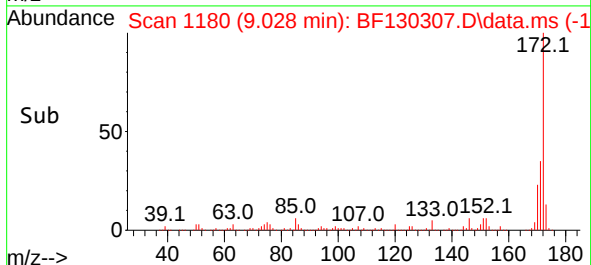
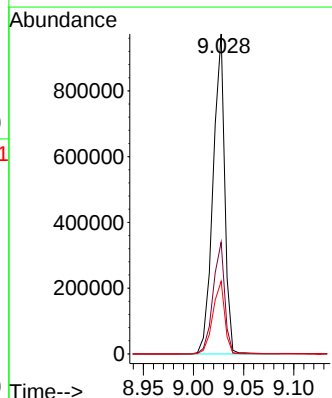
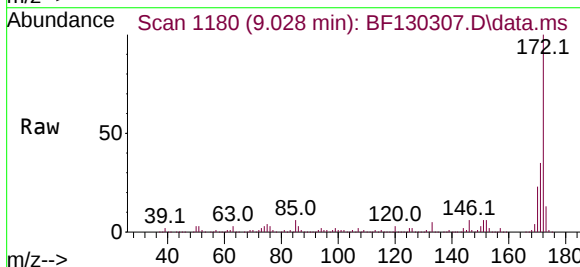
Tgt Ion:172 Resp: 786727

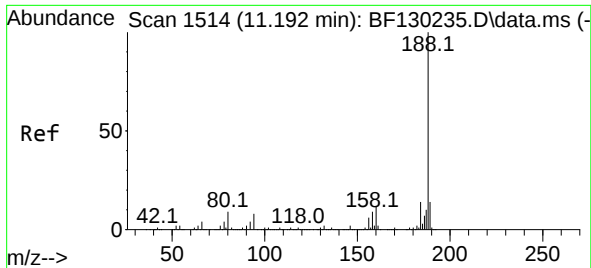
Ion Ratio Lower Upper

172 100

171 34.9 28.3 42.5

170 22.7 18.7 28.1

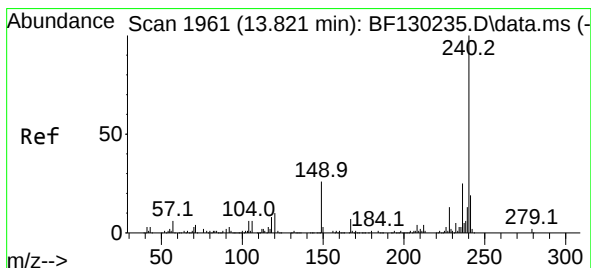
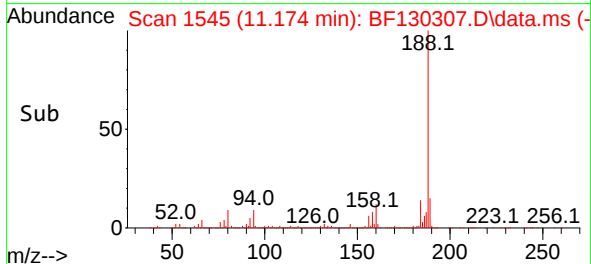
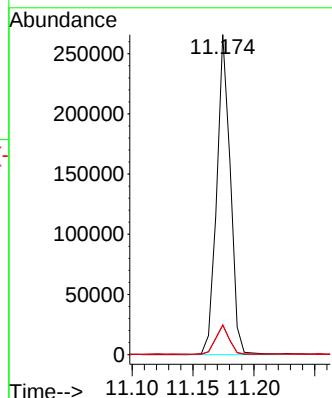
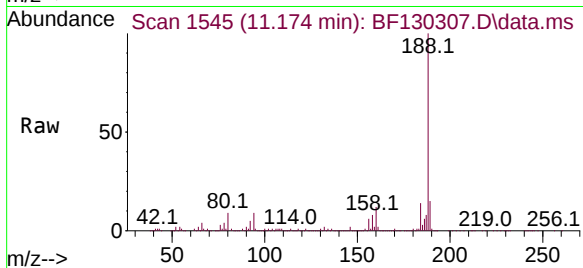




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.174 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130307.D
Acq: 17 Sep 2022 00:05

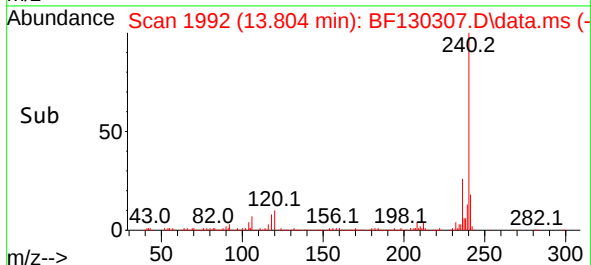
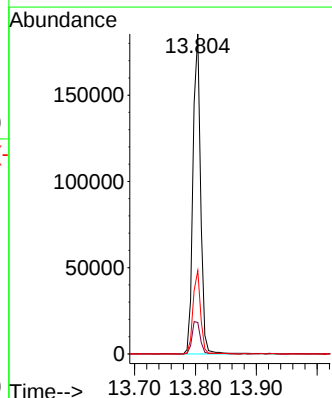
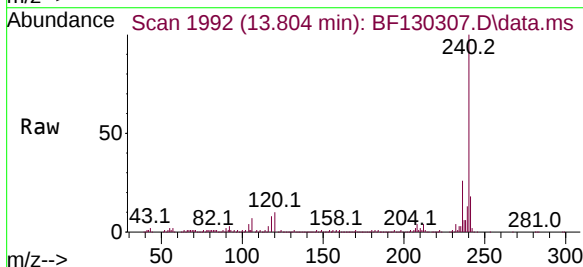
Instrument :
BNA_F
ClientSampleId :
SP-3

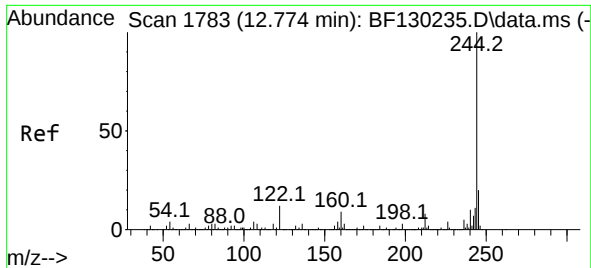
Tgt Ion:188 Resp: 206938
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.2
80 9.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1992
Delta R.T. -0.006 min
Lab File: BF130307.D
Acq: 17 Sep 2022 00:05

Tgt Ion:240 Resp: 161746
Ion Ratio Lower Upper
240 100
120 9.8 8.7 13.1
236 26.0 20.9 31.3

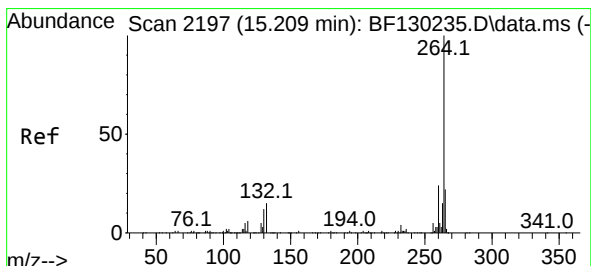
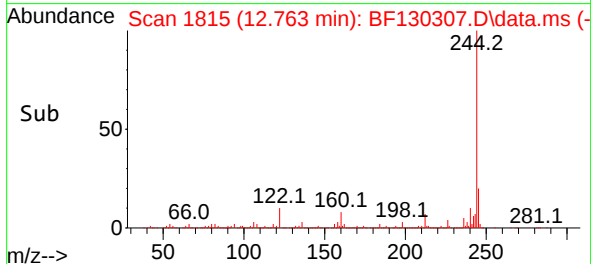
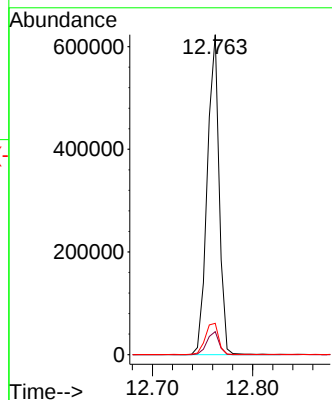
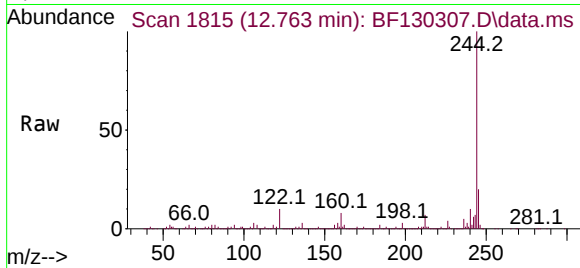




#79
 Terphenyl-d14
 Concen: 52.200 ng
 RT: 12.763 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF130307.D
 Acq: 17 Sep 2022 00:05

Instrument :
 BNA_F
 ClientSampleId :
 SP-3

Tgt Ion:244 Resp: 509696
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 9.8 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF130307.D
 Acq: 17 Sep 2022 00:05

Tgt Ion:264 Resp: 190081
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.3 28.9
 265 21.9 17.0 25.4

