

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091922\
 Data File : BF130321.D
 Acq On : 19 Sep 2022 15:19
 Operator : CG\JU
 Sample : N4656-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Quant Time: Sep 20 02:24:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 15:06:14 2022
 Response via : Initial Calibration

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

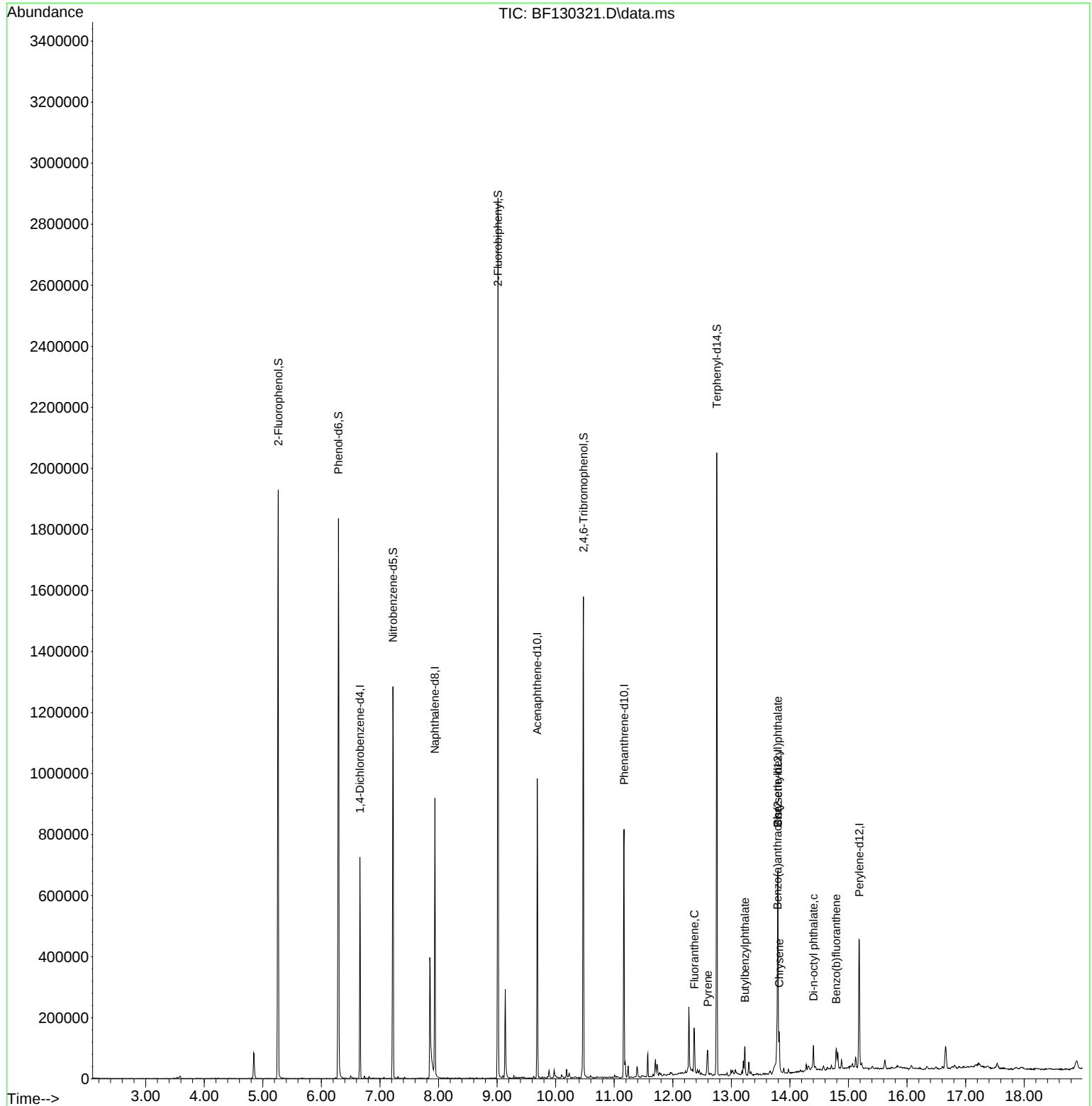
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.657	152	92117	20.000	ng	0.00
21) Naphthalene-d8	7.939	136	359279	20.000	ng	0.00
39) Acenaphthene-d10	9.686	164	187575	20.000	ng	0.00
64) Phenanthrene-d10	11.169	188	286696	20.000	ng	0.00
76) Chrysene-d12	13.792	240	148660	20.000	ng	-0.01
86) Perylene-d12	15.186	264	182119	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	523080	98.490	ng	0.00
7) Phenol-d6	6.292	99	653782	98.383	ng	0.00
23) Nitrobenzene-d5	7.222	82	426963	60.713	ng	-0.01
42) 2,4,6-Tribromophenol	10.475	330	176816	98.377	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	797155	61.885	ng	0.00
79) Terphenyl-d14	12.751	244	662026	73.768	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	12.369	202	41577	2.673	ng	98
78) Pyrene	12.598	202	44321	3.408	ng	100
80) Butylbenzylphthalate	13.233	149	22693	4.710	ng	99
81) Benzo(a)anthracene	13.786	228	57985	5.863	ng	99
83) Chrysene	13.815	228	57016	6.072	ng	98
84) Bis(2-ethylhexyl)phtha...	13.792	149	33169	6.011	ng	94
85) Di-n-octyl phthalate	14.404	149	33220	3.936	ng	# 80
88) Benzo(b)fluoranthene	14.792	252	35717	3.005	ng	99

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

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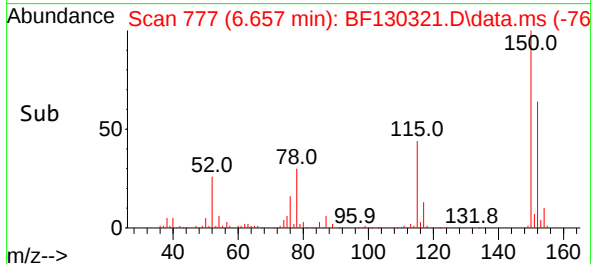
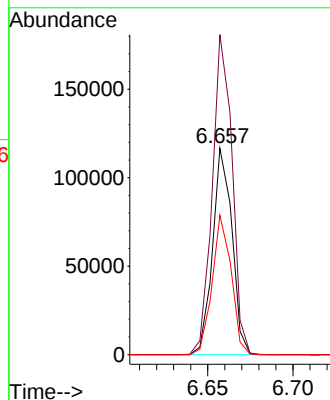
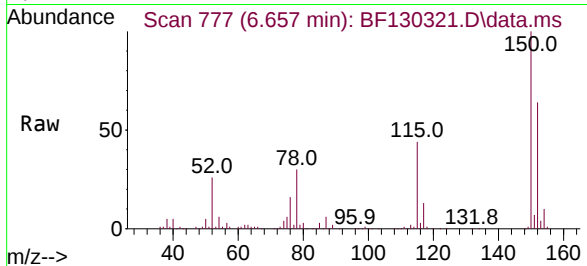




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

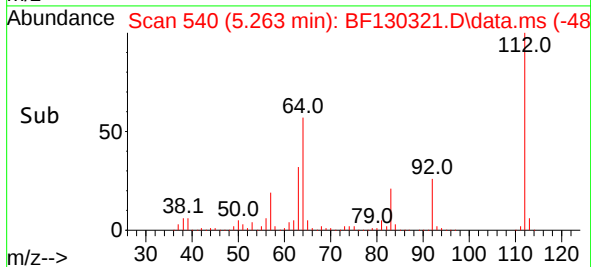
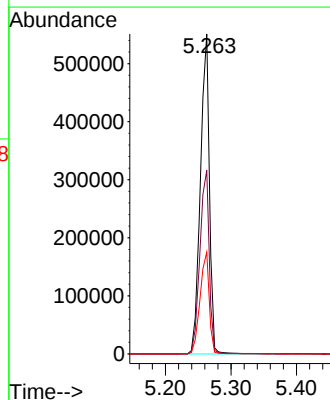
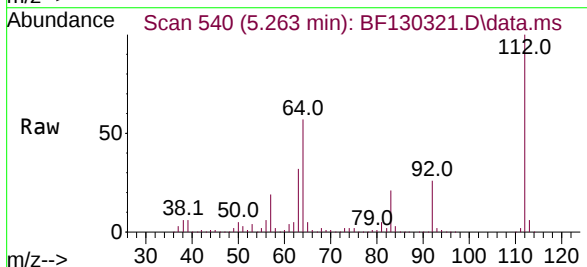
Instrument :
BNA_F
ClientSampleId :
SP-1

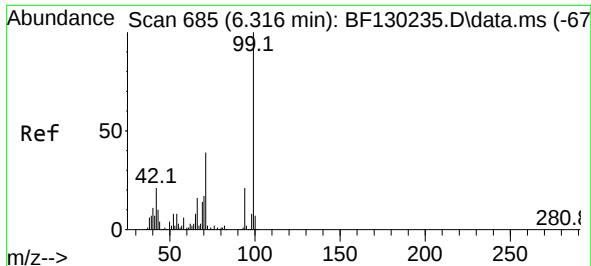
Tgt Ion:152 Resp: 92117
Ion Ratio Lower Upper
152 100
150 155.1 122.8 184.2
115 67.5 53.8 80.8



#5
2-Fluorophenol
Concen: 98.490 ng
RT: 5.263 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion:112 Resp: 523080
Ion Ratio Lower Upper
112 100
64 57.4 51.4 77.0
63 31.8 28.8 43.2

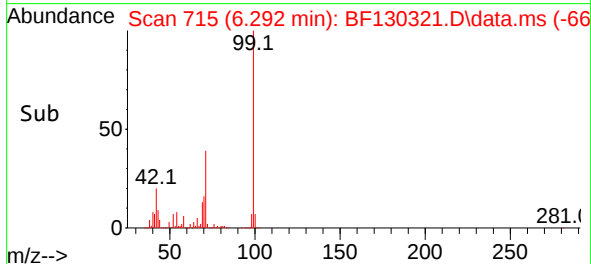
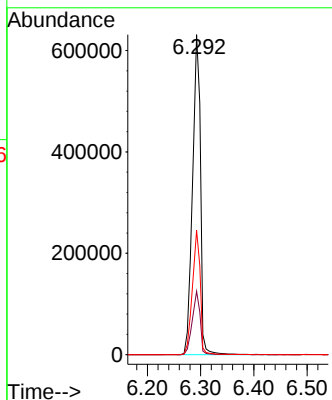
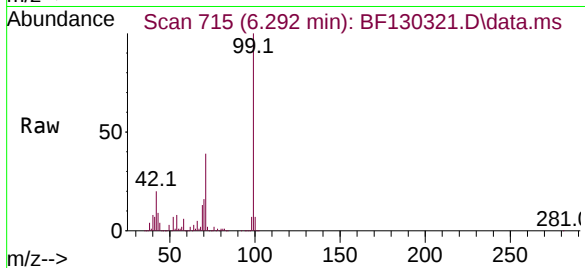




#7
Phenol-d6
Concen: 98.383 ng
RT: 6.292 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

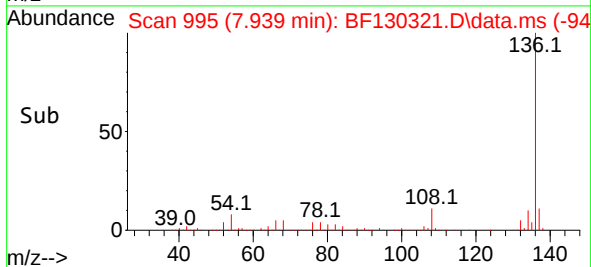
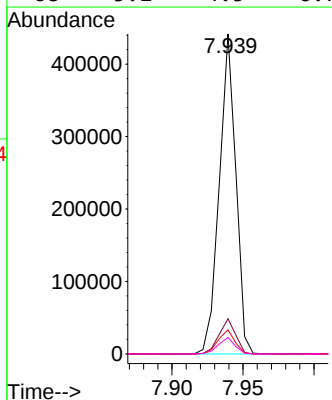
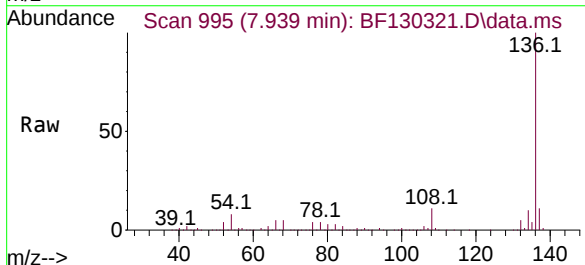
Instrument :
BNA_F
ClientSampleId :
SP-1

Tgt Ion: 99 Resp: 653782
Ion Ratio Lower Upper
99 100
42 19.8 17.0 25.6
71 38.8 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.939 min Scan# 995
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion: 136 Resp: 359279
Ion Ratio Lower Upper
136 100
137 11.0 9.1 13.7
54 7.5 7.1 10.7
68 5.1 4.5 6.7

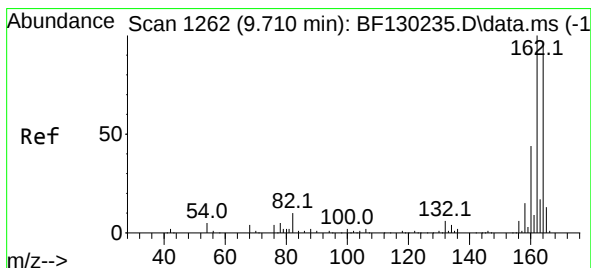
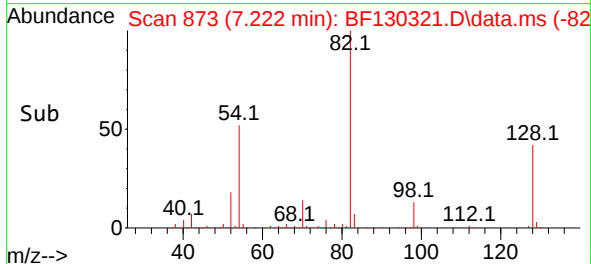
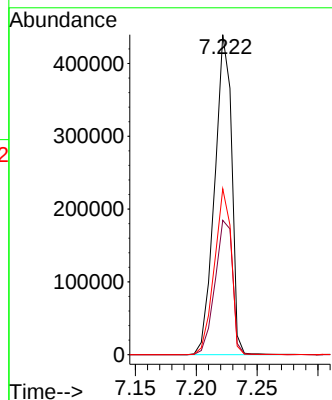
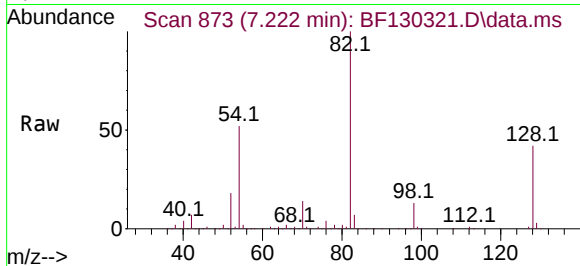




#23
 Nitrobenzene-d5
 Concen: 60.713 ng
 RT: 7.222 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF130321.D
 Acq: 19 Sep 2022 15:19

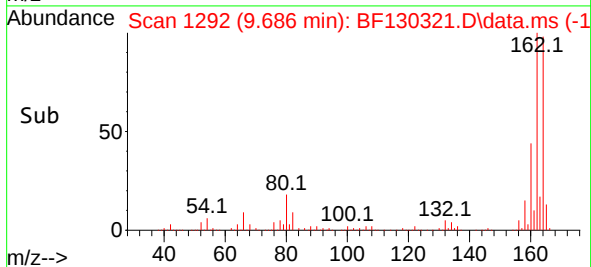
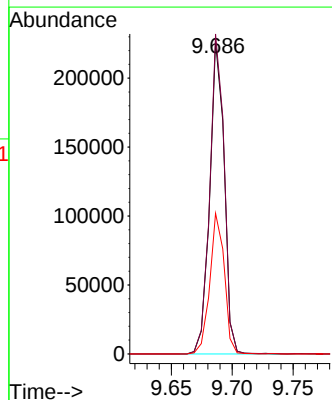
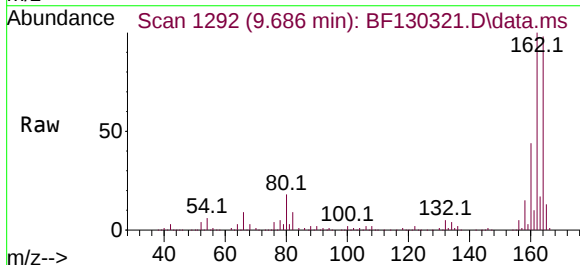
Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion: 82 Resp: 426963
 Ion Ratio Lower Upper
 82 100
 128 42.0 32.6 49.0
 54 51.8 43.8 65.6



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.686 min Scan# 1292
 Delta R.T. -0.006 min
 Lab File: BF130321.D
 Acq: 19 Sep 2022 15:19

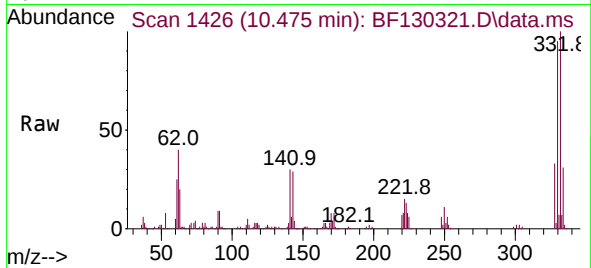
Tgt Ion:164 Resp: 187575
 Ion Ratio Lower Upper
 164 100
 162 102.5 81.4 122.0
 160 45.0 36.2 54.4



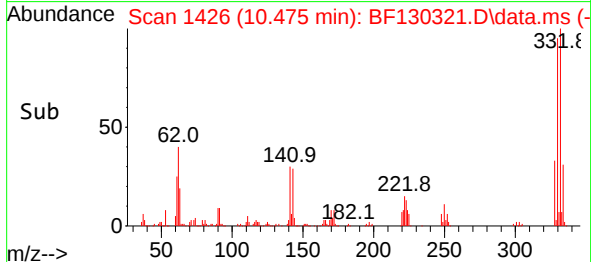
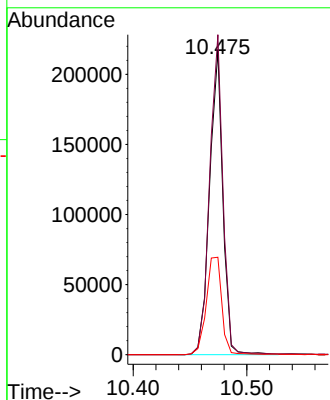


#42
2,4,6-Tribromophenol
Concen: 98.377 ng
RT: 10.475 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Instrument :
BNA_F
ClientSampleId :
SP-1

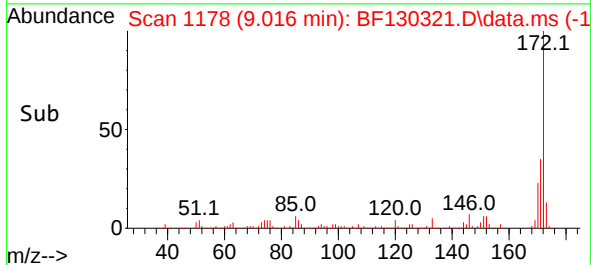
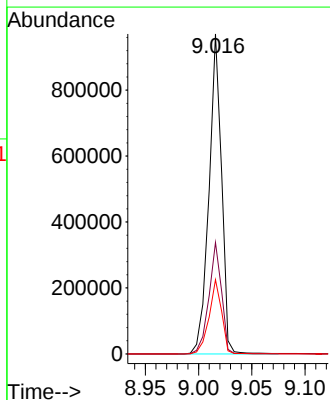
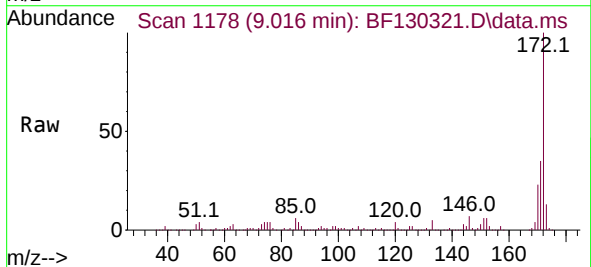


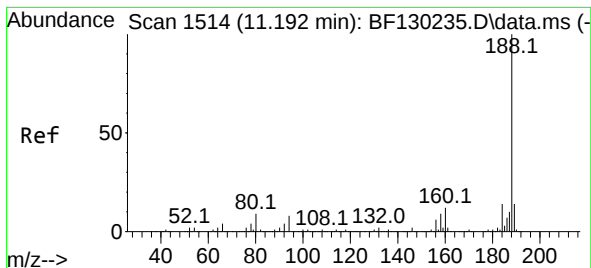
Tgt Ion:330 Resp: 176816
Ion Ratio Lower Upper
330 100
332 106.3 83.4 125.2
141 37.4 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 61.885 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion:172 Resp: 797155
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 23.2 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.169 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

Instrument :

BNA_F

ClientSampleId :

SP-1

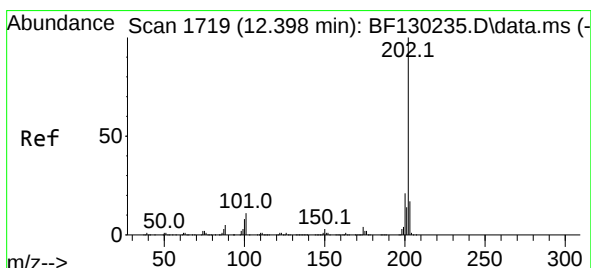
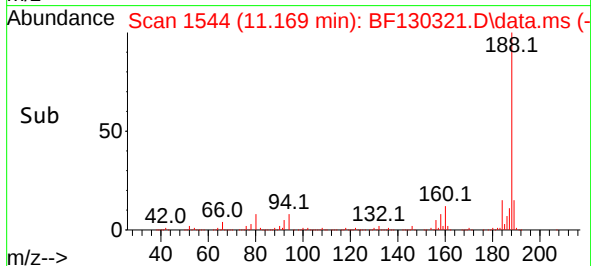
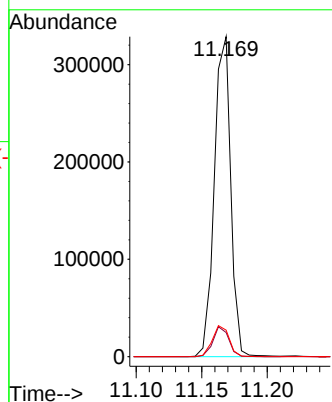
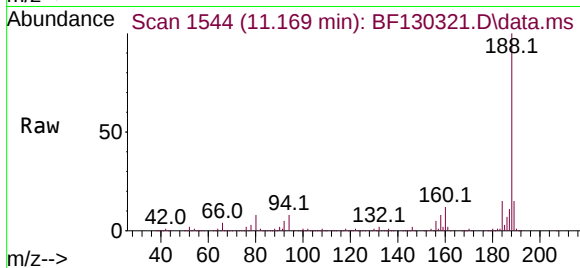
Tgt Ion:188 Resp: 286696

Ion Ratio Lower Upper

188 100

94 7.5 7.4 11.2

80 8.3 7.9 11.9



#75

Fluoranthene

Concen: 2.673 ng

RT: 12.369 min Scan# 1748

Delta R.T. -0.012 min

Lab File: BF130321.D

Acq: 19 Sep 2022 15:19

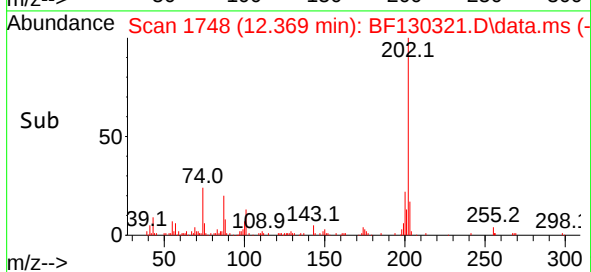
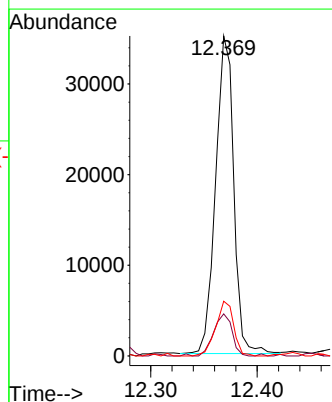
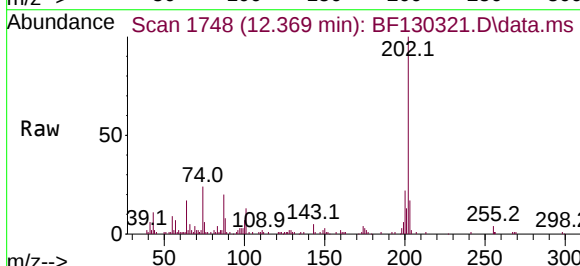
Tgt Ion:202 Resp: 41577

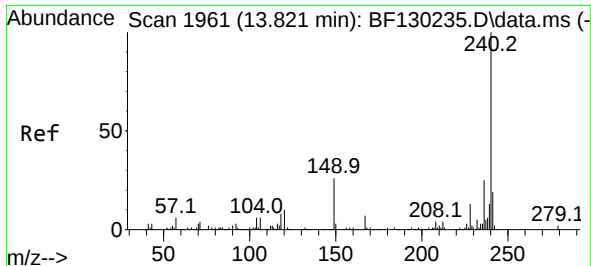
Ion Ratio Lower Upper

202 100

101 13.1 0.0 31.8

203 17.1 0.0 37.8

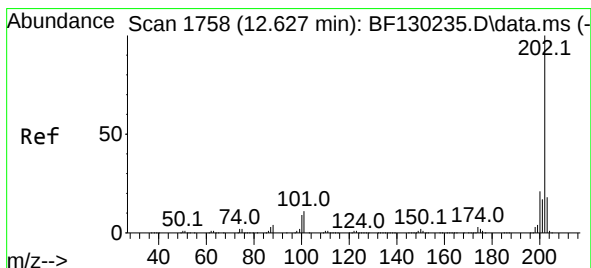
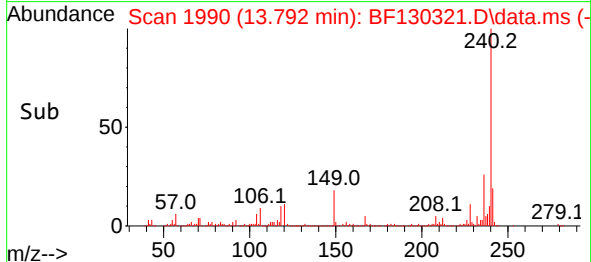
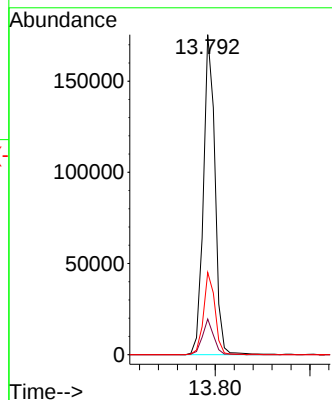
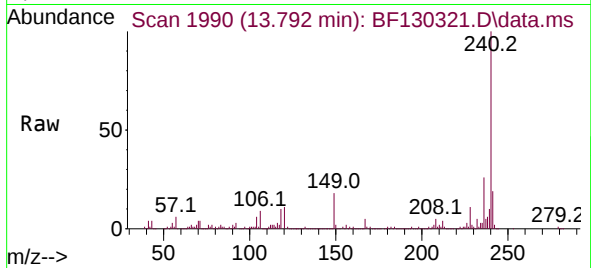




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1961
Delta R.T. -0.012 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

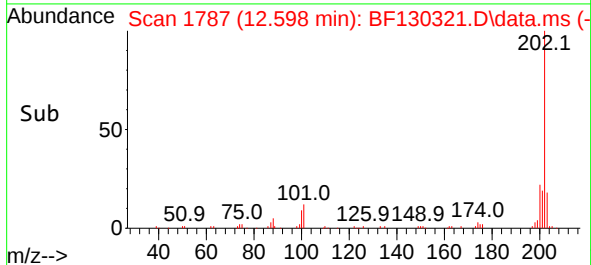
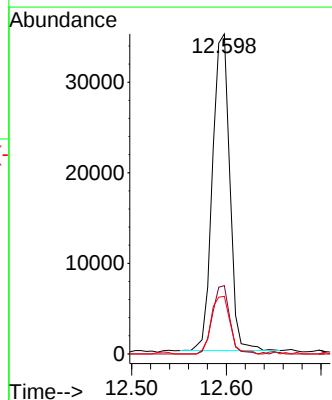
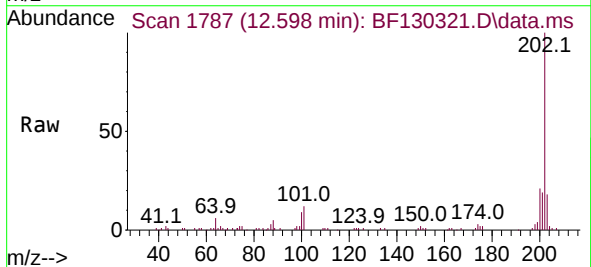
Instrument :
BNA_F
ClientSampleId :
SP-1

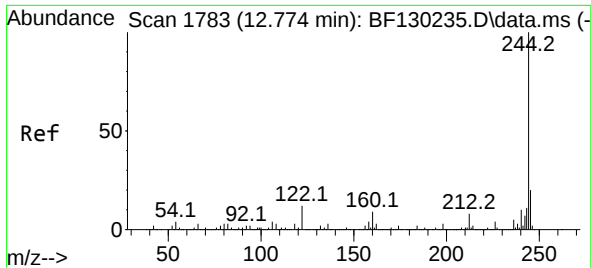
Tgt Ion:240 Resp: 148660
Ion Ratio Lower Upper
240 100
120 11.2 8.7 13.1
236 25.7 20.9 31.3



#78
Pyrene
Concen: 3.408 ng
RT: 12.598 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion:202 Resp: 44321
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 18.0 14.3 21.5

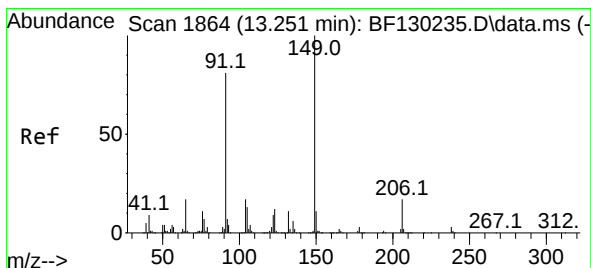
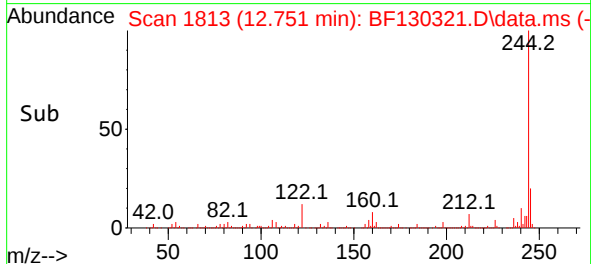
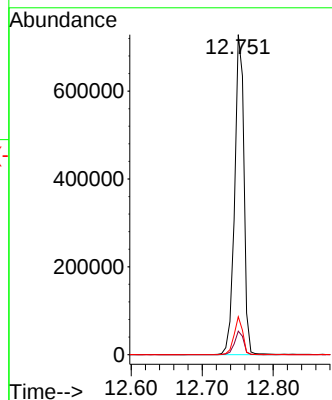
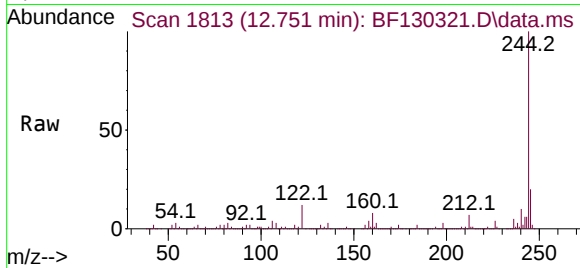




#79
 Terphenyl-d14
 Concen: 73.768 ng
 RT: 12.751 min Scan# 1813
 Delta R.T. -0.006 min
 Lab File: BF130321.D
 Acq: 19 Sep 2022 15:19

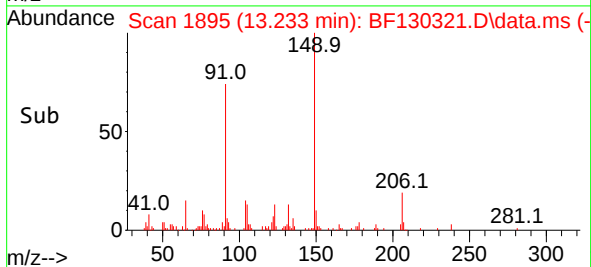
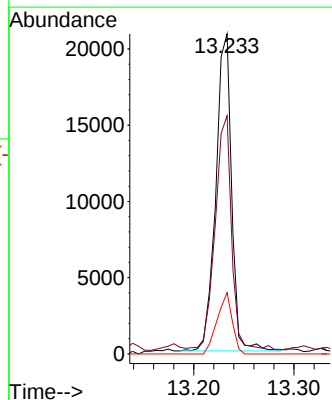
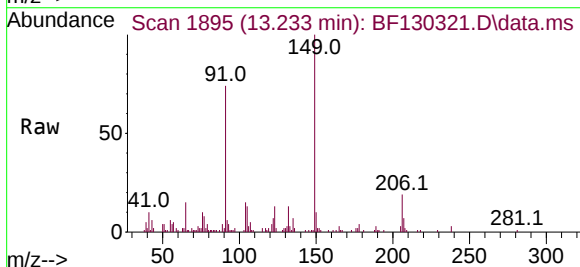
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 ClientSampleId :
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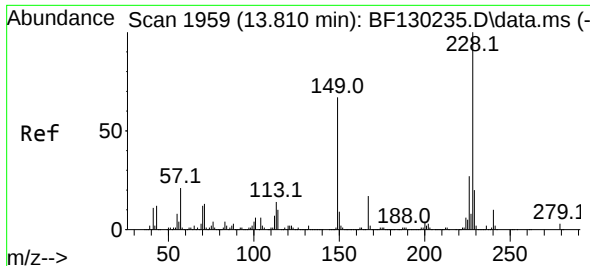
Tgt Ion:244 Resp: 662026
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 11.8 8.5 12.7



#80
 Butylbenzylphthalate
 Concen: 4.710 ng
 RT: 13.233 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: BF130321.D
 Acq: 19 Sep 2022 15:19

Tgt Ion:149 Resp: 22693
 Ion Ratio Lower Upper
 149 100
 91 74.4 59.8 89.8
 206 19.1 13.9 20.9

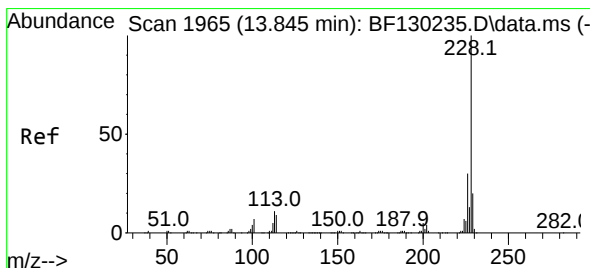
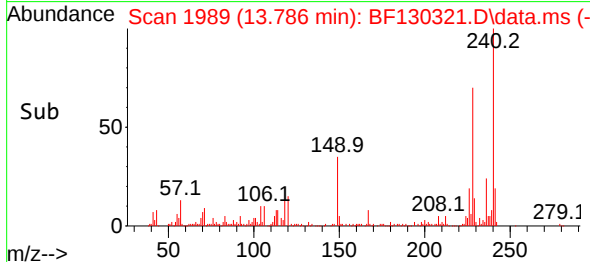
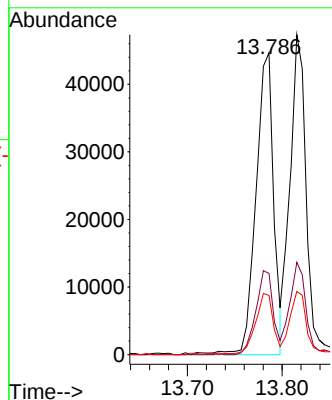
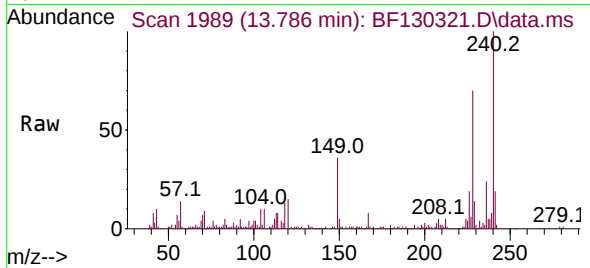




#81
Benzo(a)anthracene
Concen: 5.863 ng
RT: 13.786 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

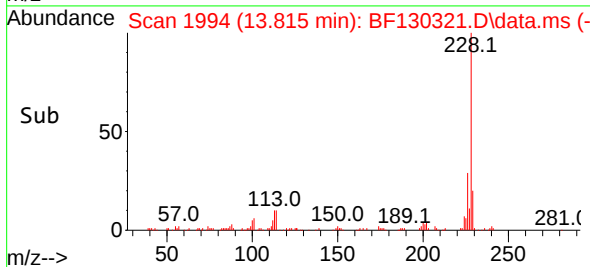
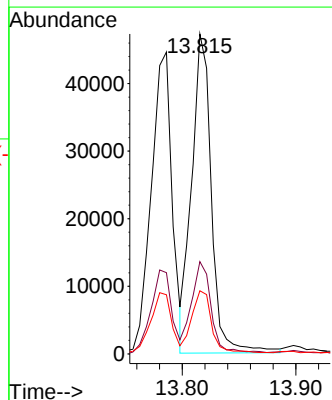
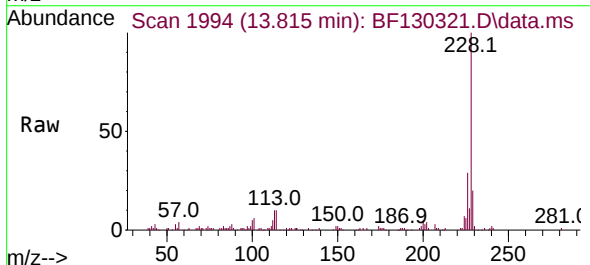
Instrument :
BNA_F
ClientSampleId :
SP-1

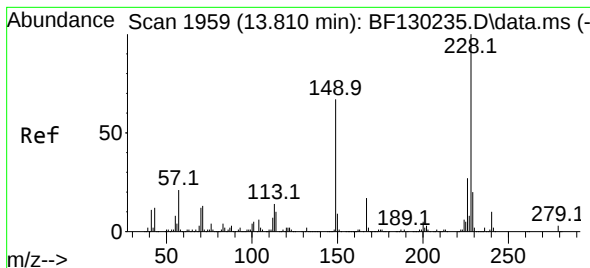
Tgt Ion:228 Resp: 57985
Ion Ratio Lower Upper
228 100
226 26.9 21.9 32.9
229 19.6 16.1 24.1



#83
Chrysene
Concen: 6.072 ng
RT: 13.815 min Scan# 1994
Delta R.T. -0.012 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion:228 Resp: 57016
Ion Ratio Lower Upper
228 100
226 28.8 23.8 35.8
229 19.7 15.3 22.9

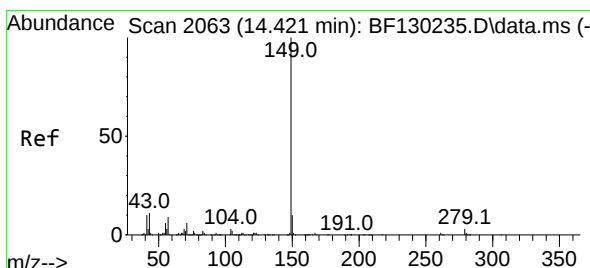
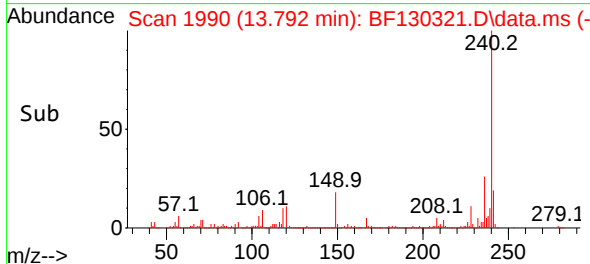
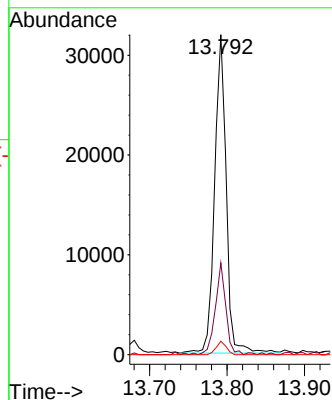
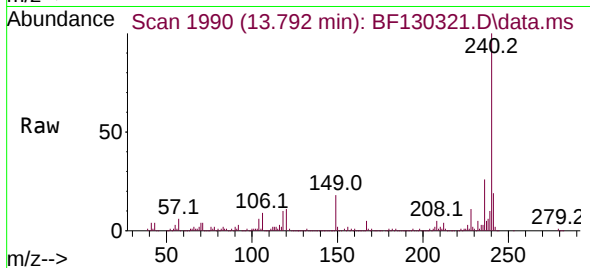




#84
Bis(2-ethylhexyl)phthalate
Concen: 6.011 ng
RT: 13.792 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

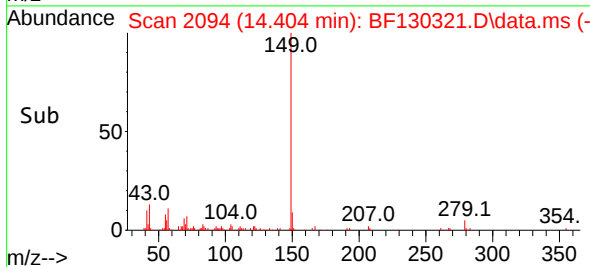
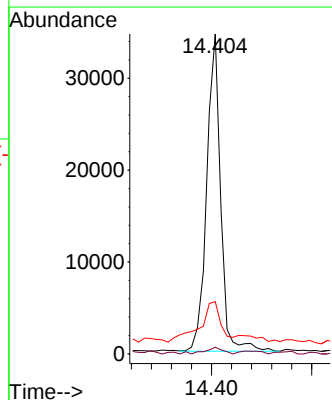
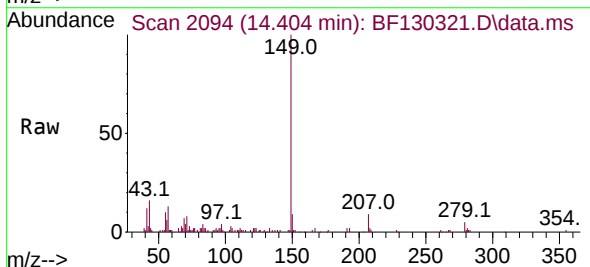
Instrument :
BNA_F
ClientSampleId :
SP-1

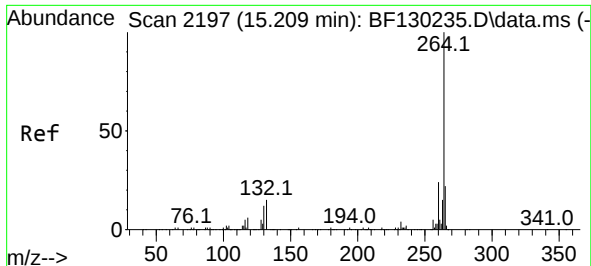
Tgt Ion:149 Resp: 33169
Ion Ratio Lower Upper
149 100
167 28.7 20.5 30.7
279 4.2 2.9 4.3



#85
Di-n-octyl phthalate
Concen: 3.936 ng
RT: 14.404 min Scan# 2094
Delta R.T. 0.000 min
Lab File: BF130321.D
Acq: 19 Sep 2022 15:19

Tgt Ion:149 Resp: 33220
Ion Ratio Lower Upper
149 100
167 2.7 1.2 1.8#
43 19.4 8.7 13.1#

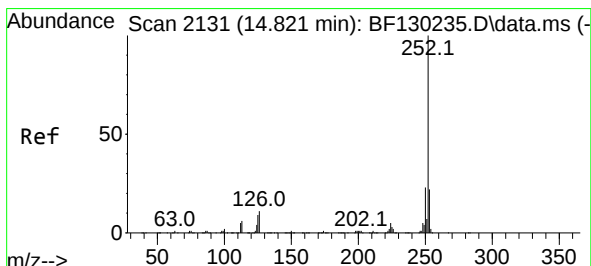
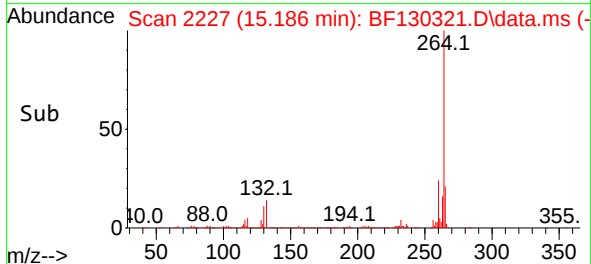
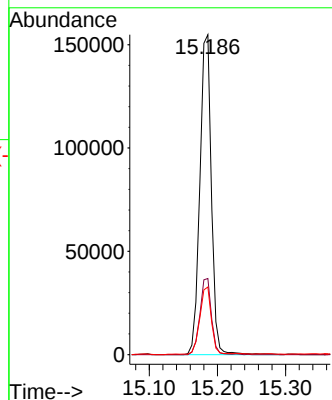
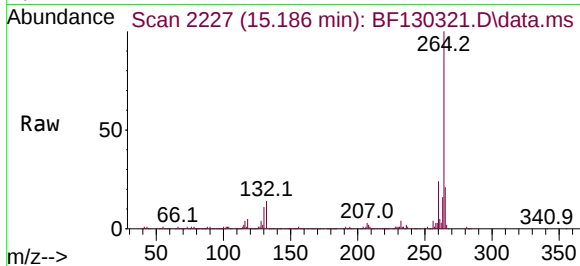




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.186 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: BF130321.D
 Acq: 19 Sep 2022 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SP-1

Tgt Ion:264 Resp: 182119
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.3 28.9
 265 21.1 17.0 25.4



#88
 Benzo(b)fluoranthene
 Concen: 3.005 ng
 RT: 14.792 min Scan# 2160
 Delta R.T. -0.006 min
 Lab File: BF130321.D
 Acq: 19 Sep 2022 15:19

Tgt Ion:252 Resp: 35717
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.7 26.5
 125 9.8 8.1 12.1

