

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130586.D
 Acq On : 07 Oct 2022 21:24
 Operator : CG\JU
 Sample : N5046-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-6

Quant Time: Oct 10 01:46:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.610	152	73079	20.000	ng	0.00
21) Naphthalene-d8	7.892	136	256185	20.000	ng	-0.01
39) Acenaphthene-d10	9.639	164	111459	20.000	ng	-0.01
64) Phenanthrene-d10	11.121	188	176007	20.000	ng	-0.01
76) Chrysene-d12	13.751	240	179795	20.000	ng	-0.01
86) Perylene-d12	15.133	264	173637	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.216	112	480664	114.081	ng	0.00
7) Phenol-d6	6.257	99	559153	106.063	ng	-0.01
23) Nitrobenzene-d5	7.181	82	353531	70.501	ng	-0.01
42) 2,4,6-Tribromophenol	10.427	330	122184	114.406	ng	-0.01
45) 2-Fluorobiphenyl	8.969	172	604443	78.969	ng	-0.01
79) Terphenyl-d14	12.710	244	634608	58.468	ng	0.00

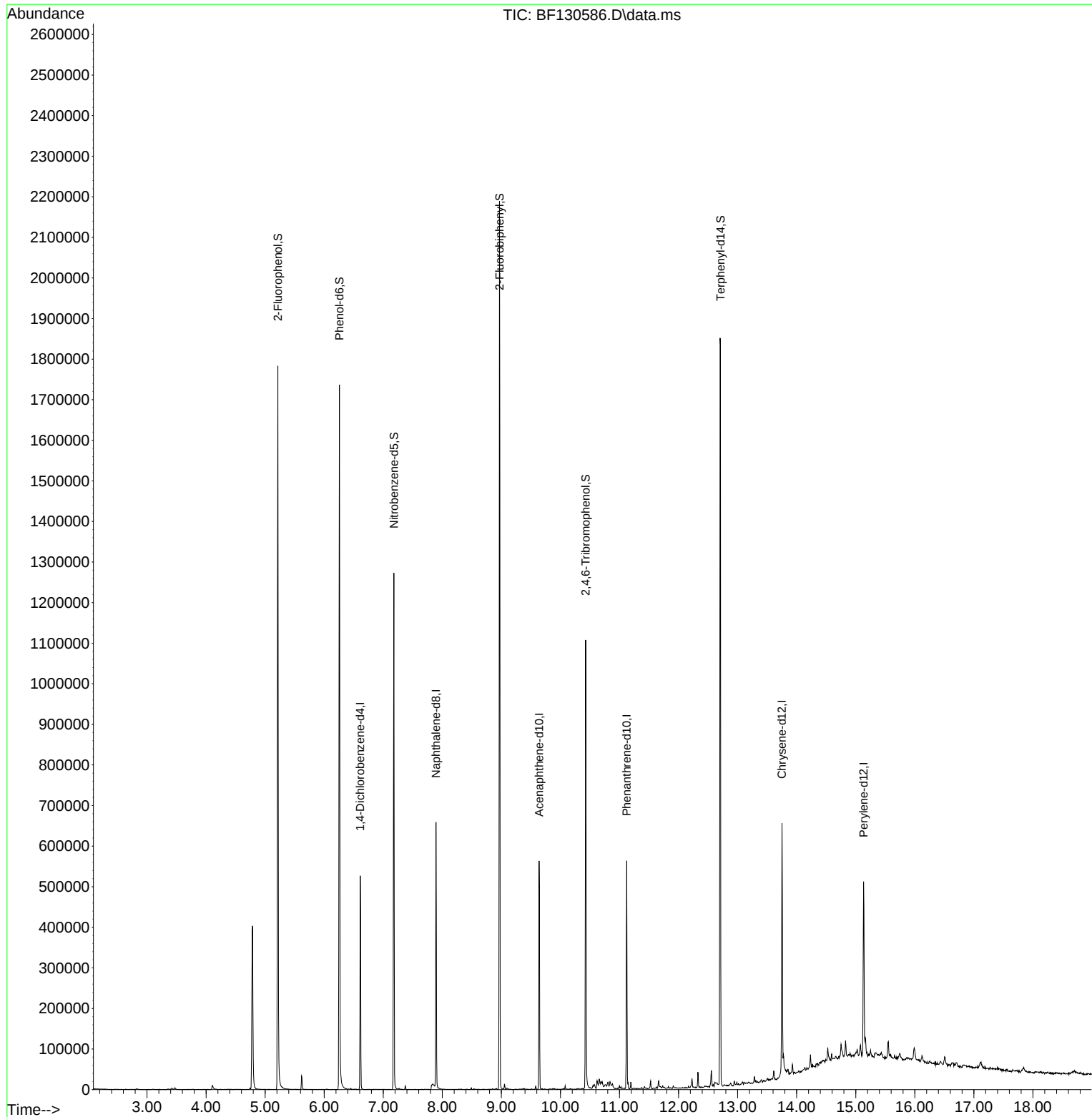
Target Compounds	Qvalue

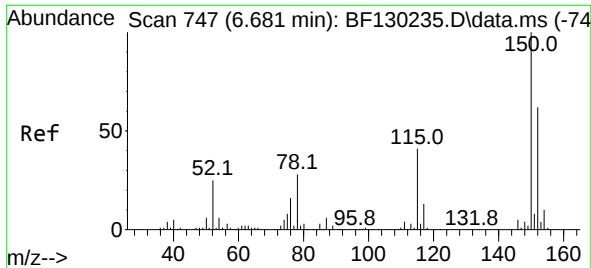
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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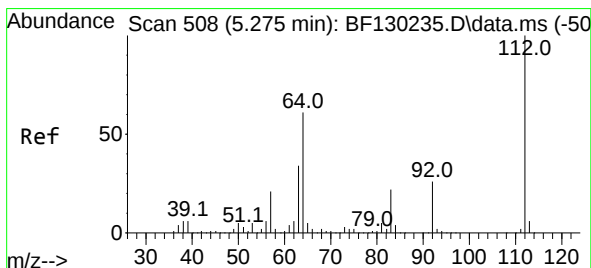
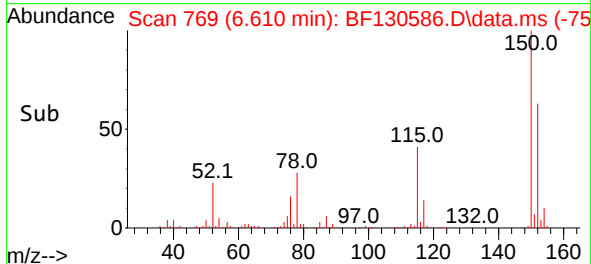
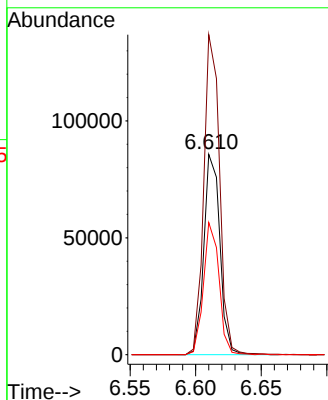
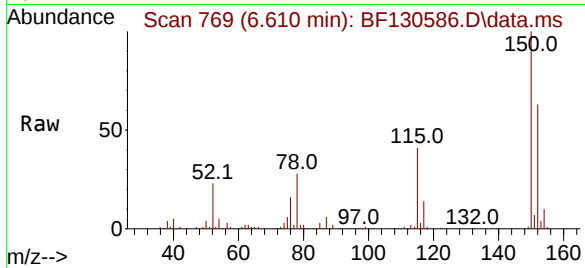




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.610 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BF130586.D
 Acq: 07 Oct 2022 21:24

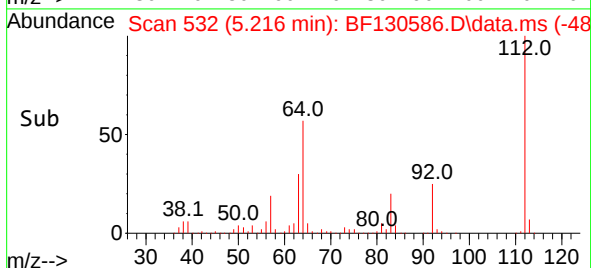
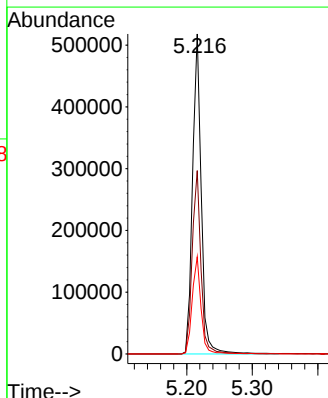
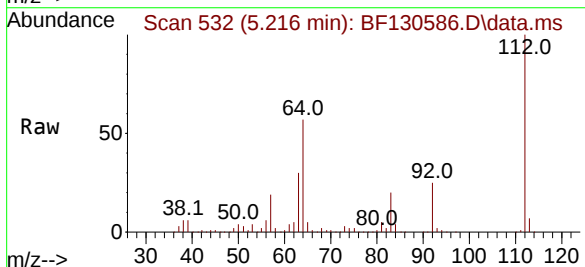
Instrument :
 BNA_F
 ClientSampleId :
 R-6

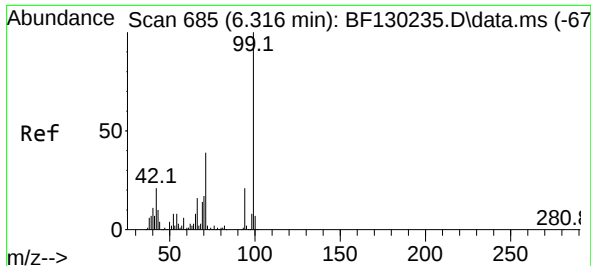
Tgt Ion:152 Resp: 73079
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.8 184.2
 115 65.9 53.8 80.8



#5
 2-Fluorophenol
 Concen: 114.081 ng
 RT: 5.216 min Scan# 532
 Delta R.T. -0.000 min
 Lab File: BF130586.D
 Acq: 07 Oct 2022 21:24

Tgt Ion:112 Resp: 480664
 Ion Ratio Lower Upper
 112 100
 64 57.3 51.4 77.0
 63 30.4 28.8 43.2

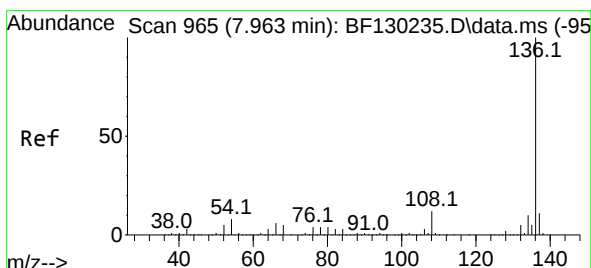
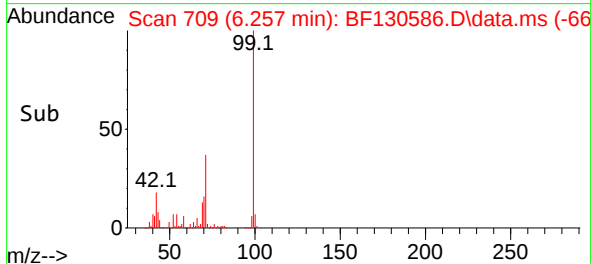
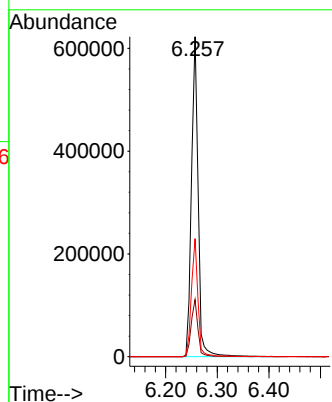
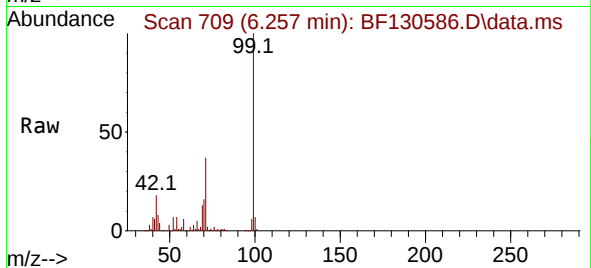




#7
Phenol-d6
Concen: 106.063 ng
RT: 6.257 min Scan# 709
Delta R.T. -0.012 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

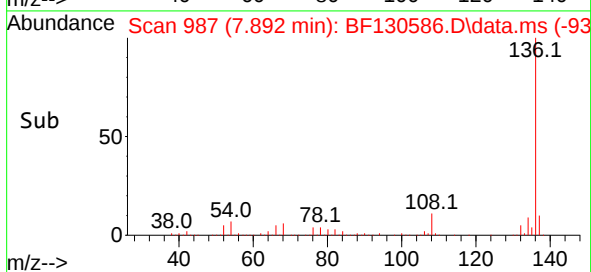
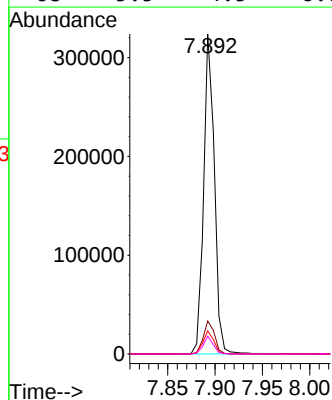
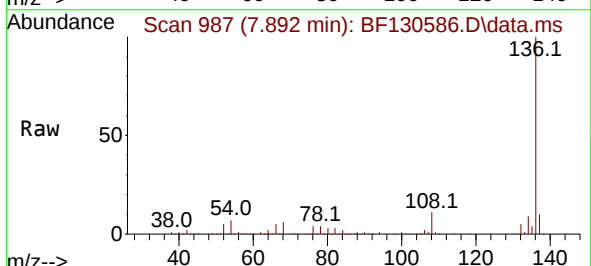
Instrument :
BNA_F
ClientSampleId :
R-6

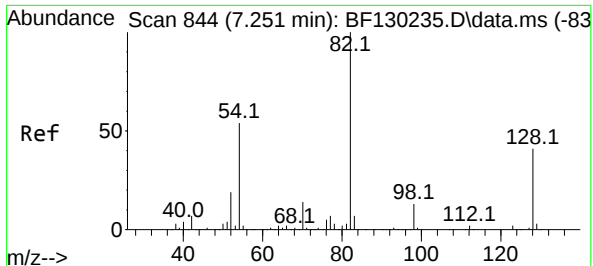
Tgt Ion:	99	Resp:	559153
Ion	Ratio	Lower	Upper
99	100		
42	17.9	17.0	25.6
71	36.9	32.3	48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

Tgt Ion:	136	Resp:	256185
Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.1	13.7
54	7.2	7.1	10.7
68	5.5	4.5	6.7





#23

Nitrobenzene-d5

Concen: 70.501 ng

RT: 7.181 min Scan# 8

Delta R.T. -0.012 min

Lab File: BF130586.D

Acq: 07 Oct 2022 21:24

Instrument :

BNA_F

ClientSampleId :

R-6

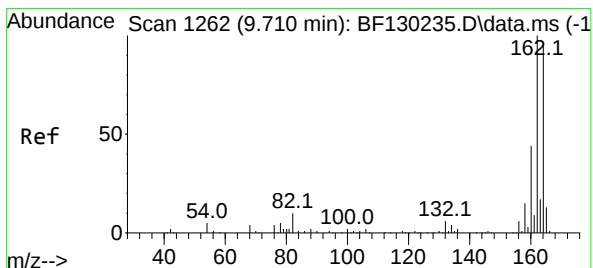
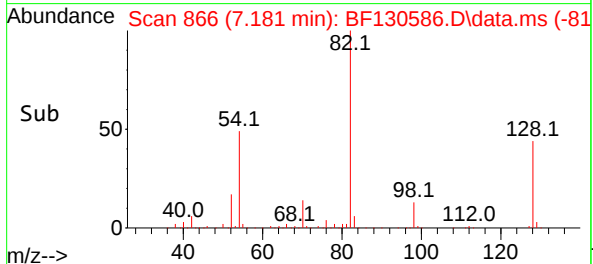
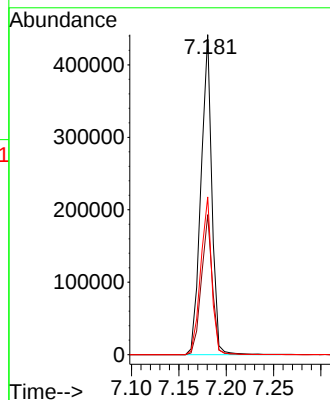
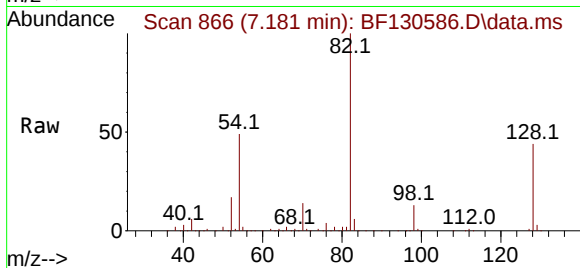
Tgt Ion: 82 Resp: 353531

Ion Ratio Lower Upper

82 100

128 43.7 32.6 49.0

54 49.3 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.639 min Scan# 1284

Delta R.T. -0.012 min

Lab File: BF130586.D

Acq: 07 Oct 2022 21:24

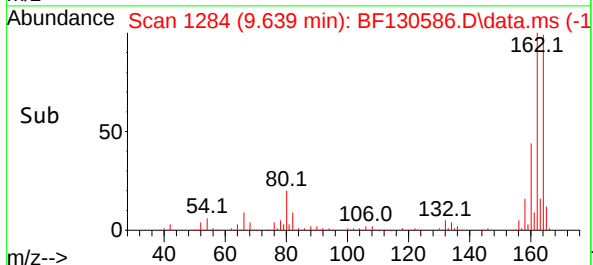
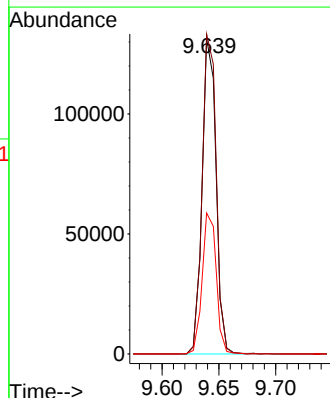
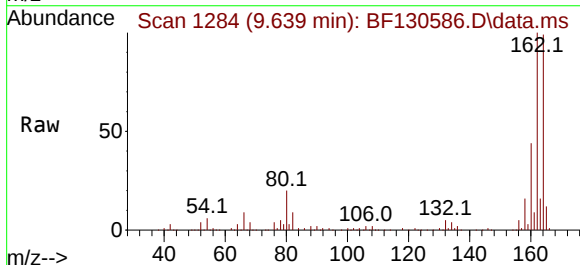
Tgt Ion:164 Resp: 111459

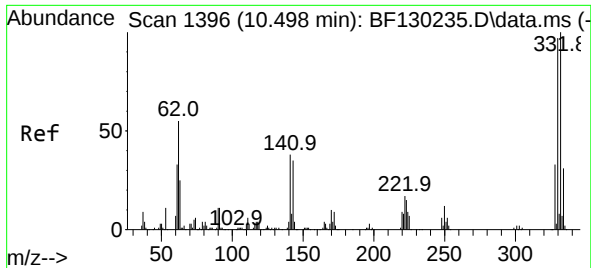
Ion Ratio Lower Upper

164 100

162 101.4 81.4 122.0

160 44.7 36.2 54.4

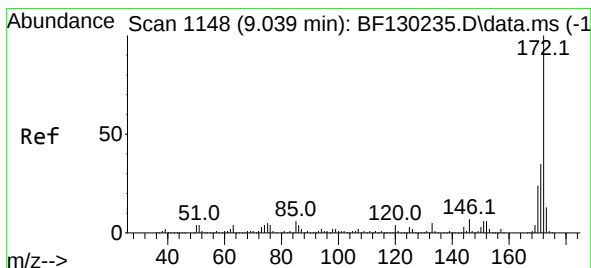
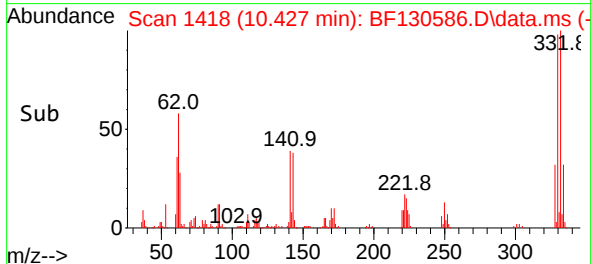
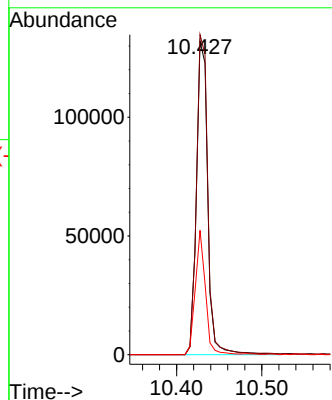
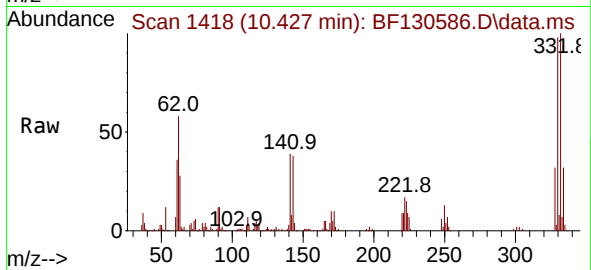




#42
2,4,6-Tribromophenol
Concen: 114.406 ng
RT: 10.427 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

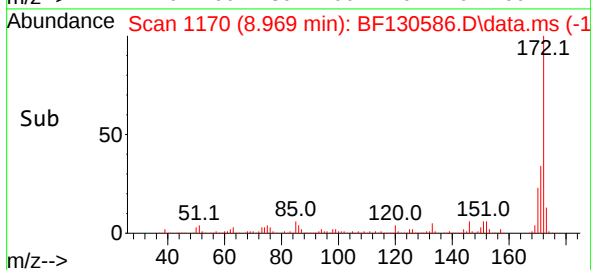
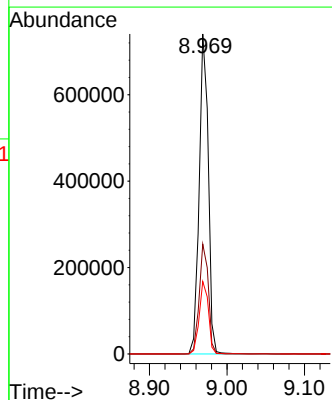
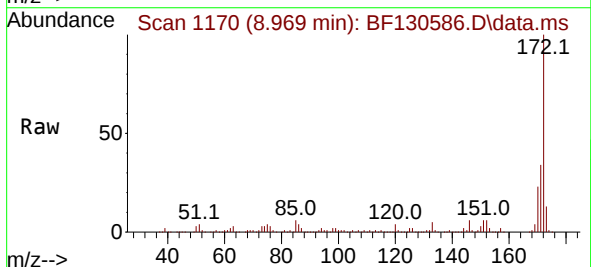
Instrument :
BNA_F
ClientSampleId :
R-6

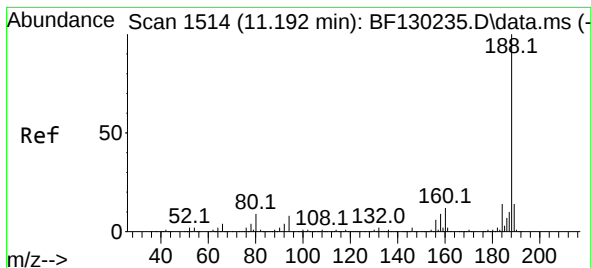
Tgt Ion:330 Resp: 122184
Ion Ratio Lower Upper
330 100
332 101.6 83.4 125.2
141 35.3 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 78.969 ng
RT: 8.969 min Scan# 1170
Delta R.T. -0.012 min
Lab File: BF130586.D
Acq: 07 Oct 2022 21:24

Tgt Ion:172 Resp: 604443
Ion Ratio Lower Upper
172 100
171 34.3 28.3 42.5
170 22.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.121 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130586.D

Acq: 07 Oct 2022 21:24

Instrument :

BNA_F

ClientSampleId :

R-6

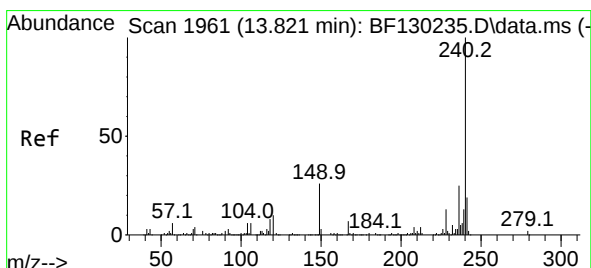
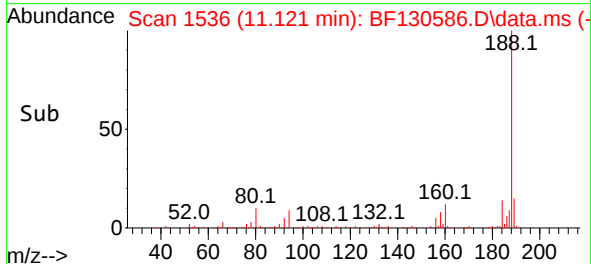
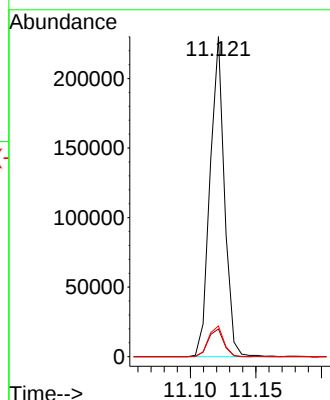
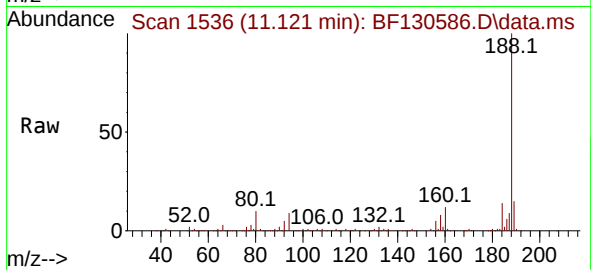
Tgt Ion:188 Resp: 176007

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.6 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.751 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BF130586.D

Acq: 07 Oct 2022 21:24

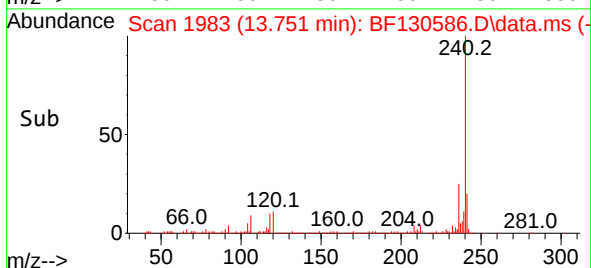
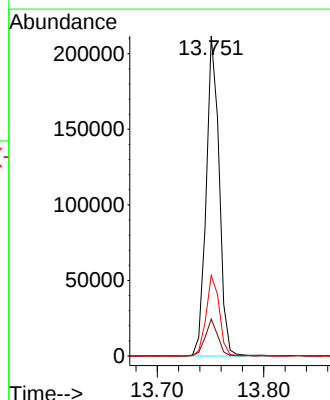
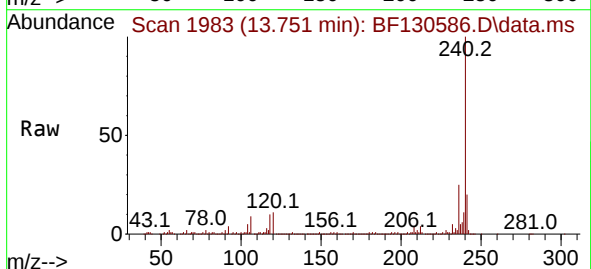
Tgt Ion:240 Resp: 179795

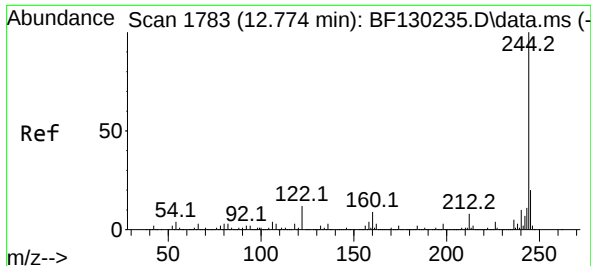
Ion Ratio Lower Upper

240 100

120 11.5 8.7 13.1

236 25.2 20.9 31.3

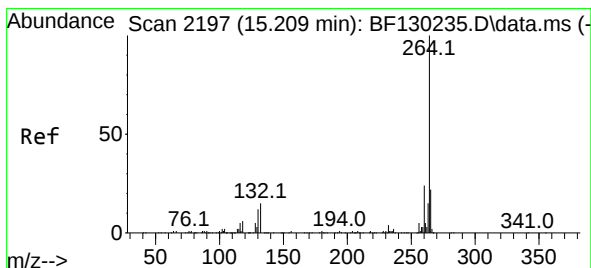
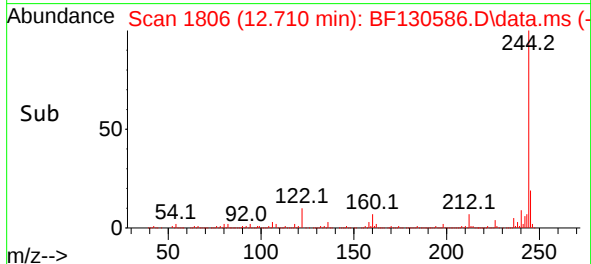
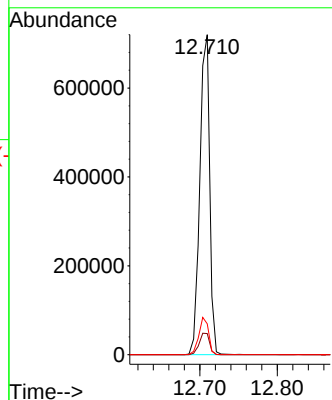
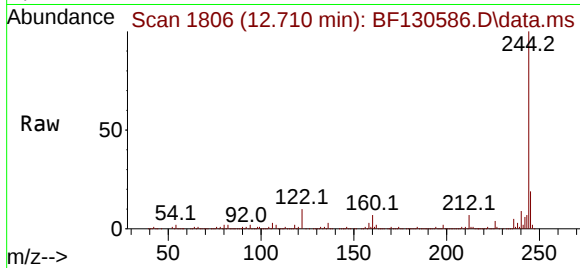




#79
 Terphenyl-d14
 Concen: 58.468 ng
 RT: 12.710 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130586.D
 Acq: 07 Oct 2022 21:24

Instrument :
 BNA_F
 ClientSampleId :
 R-6

Tgt Ion:244 Resp: 634608
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.9 8.9
 122 9.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.133 min Scan# 2218
 Delta R.T. -0.012 min
 Lab File: BF130586.D
 Acq: 07 Oct 2022 21:24

Tgt Ion:264 Resp: 173637
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.3 28.9
 265 21.3 17.0 25.4

