

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081922\
 Data File : BF129910.D
 Acq On : 19 Aug 2022 14:07
 Operator : CG\JU
 Sample : N4217-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-3-0815

Quant Time: Aug 20 07:43:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 18 12:03:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	106240	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	429766	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	225197	20.000	ng	0.00
64) Phenanthrene-d10	11.321	188	356537	20.000	ng	0.00
76) Chrysene-d12	13.974	240	197597	20.000	ng	0.00
86) Perylene-d12	15.439	264	234423	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	480783	74.928	ng	0.00
7) Phenol-d6	6.445	99	636430	79.203	ng	0.00
23) Nitrobenzene-d5	7.357	82	423157	52.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	131231	58.062	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	816087	55.040	ng	0.00
79) Terphenyl-d14	12.910	244	675158	56.854	ng	0.00

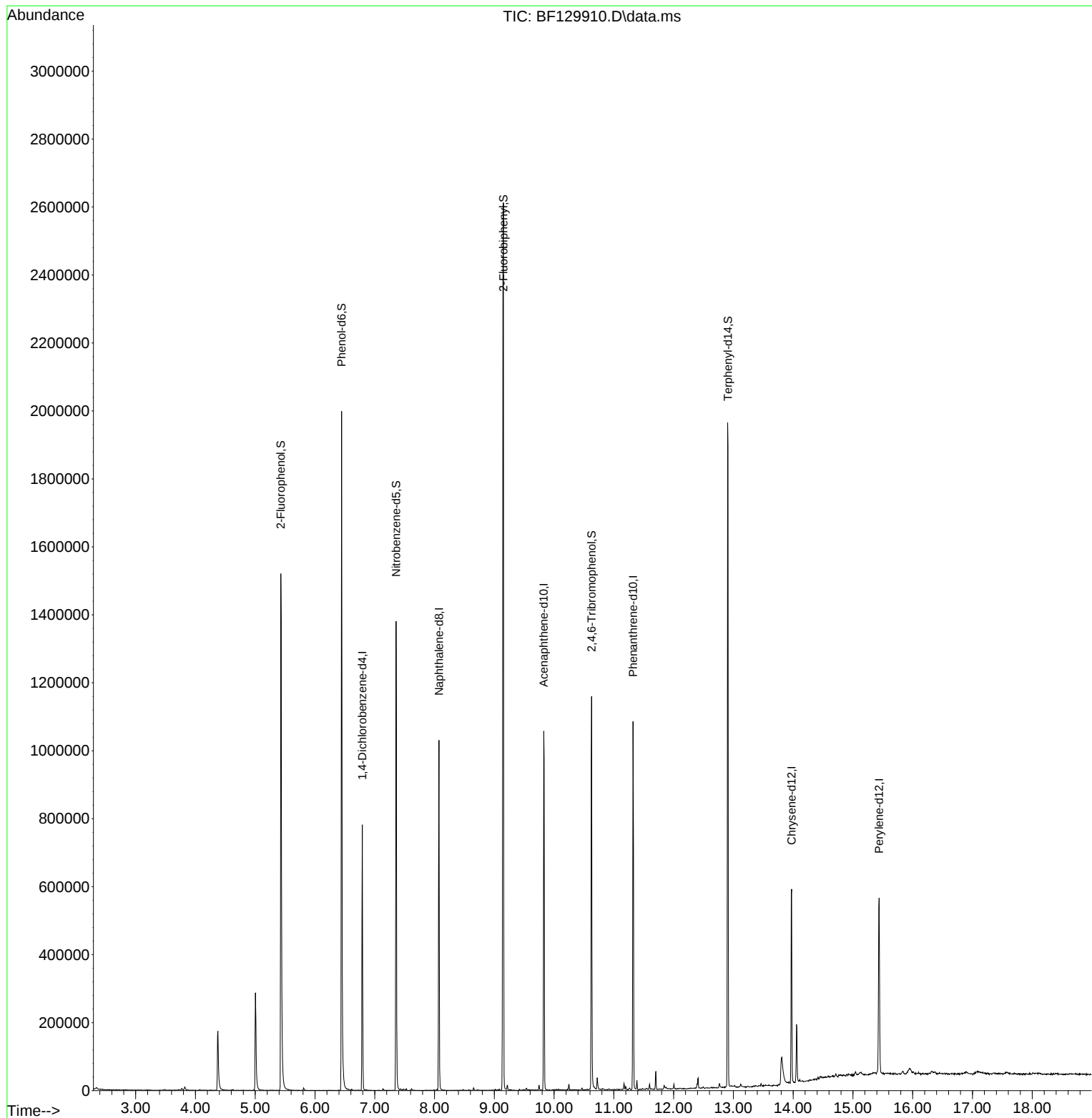
Target Compounds	Qvalue

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

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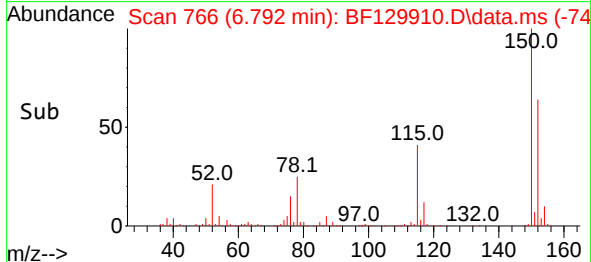
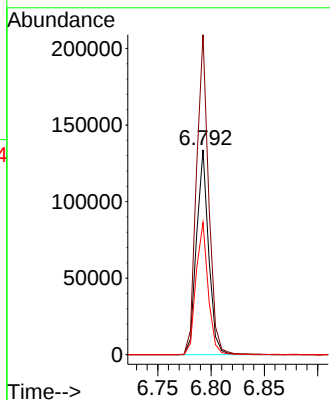
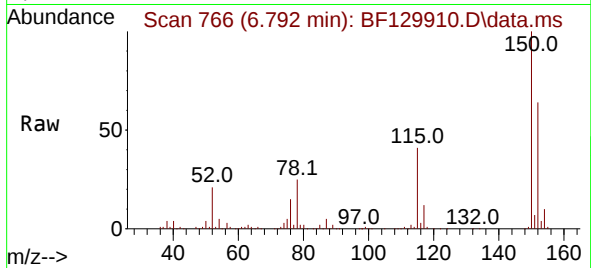




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.792 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

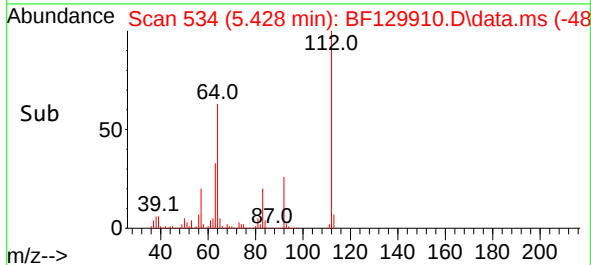
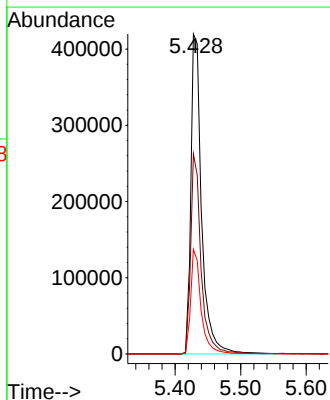
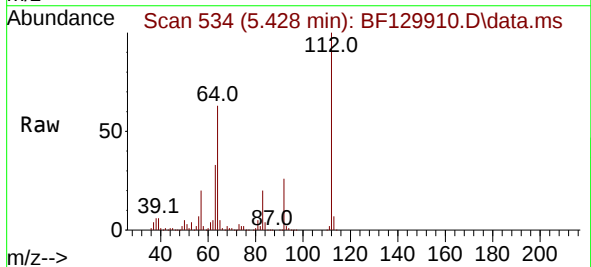
Instrument :
BNA_F
ClientSampleId :
CON-3-0815

Tgt Ion:152 Resp: 106240
Ion Ratio Lower Upper
152 100
150 156.3 126.9 190.3
115 64.5 53.4 80.0



#5
2-Fluorophenol
Concen: 74.928 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.000 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

Tgt Ion:112 Resp: 480783
Ion Ratio Lower Upper
112 100
64 62.5 47.6 71.4
63 32.7 24.6 37.0

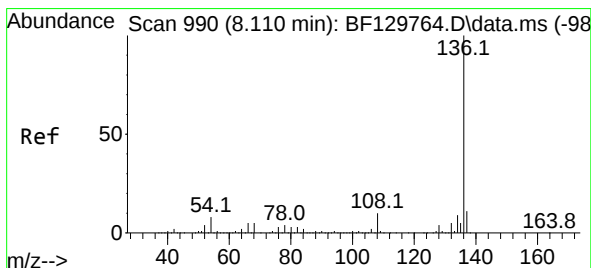
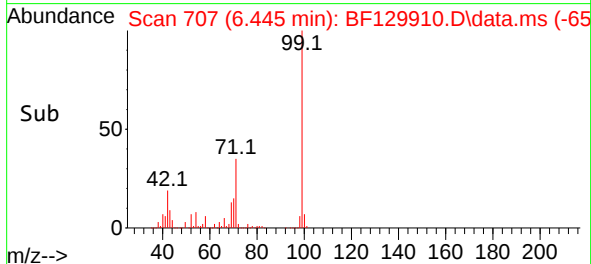
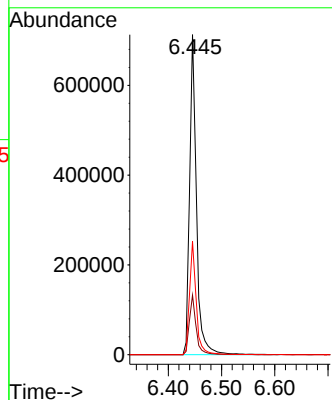
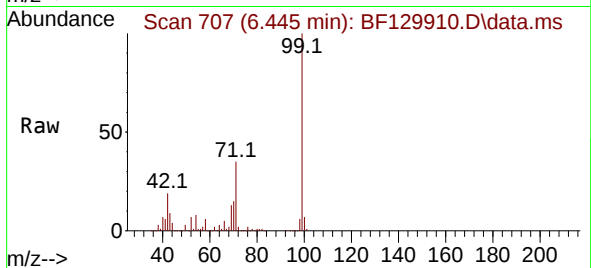




#7
Phenol-d6
Concen: 79.203 ng
RT: 6.445 min Scan# 713
Delta R.T. -0.006 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

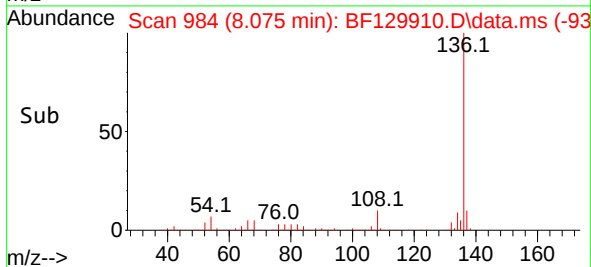
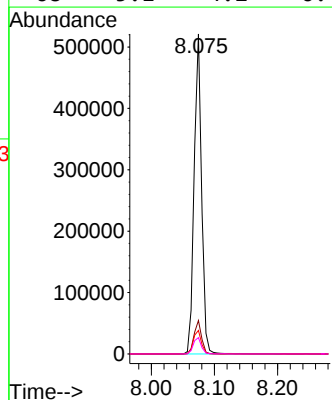
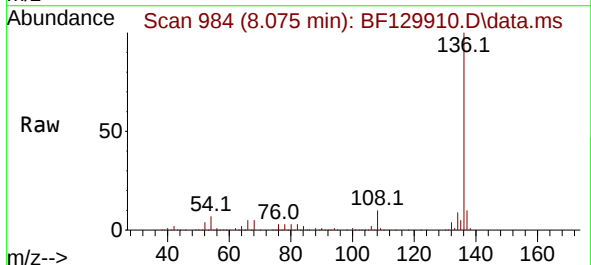
Instrument :
BNA_F
ClientSampleId :
CON-3-0815

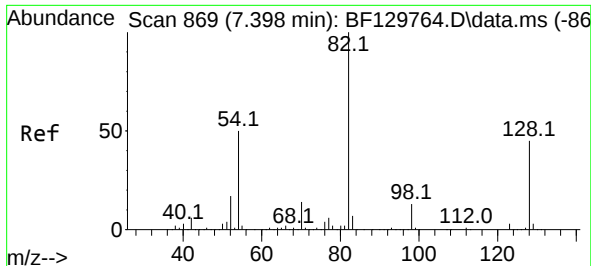
Tgt Ion: 99 Resp: 636430
Ion Ratio Lower Upper
99 100
42 18.6 15.0 22.4
71 35.4 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

Tgt Ion:136 Resp: 429766
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.4 6.2 9.2
68 5.1 4.2 6.4

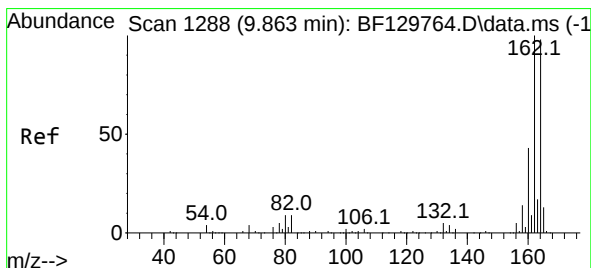
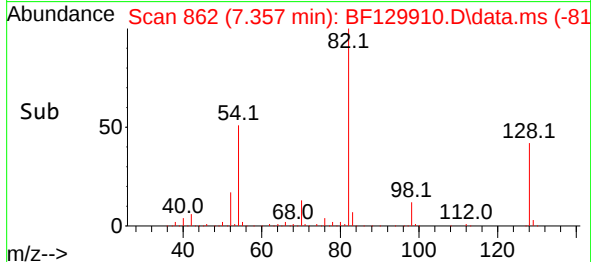
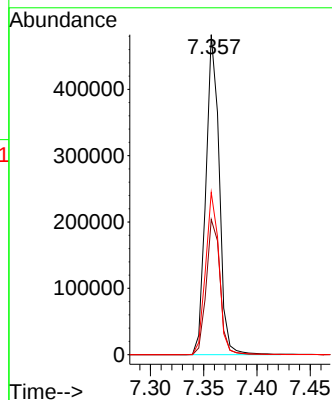
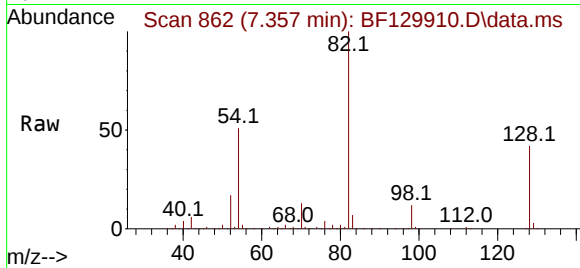




#23
Nitrobenzene-d5
Concen: 52.709 ng
RT: 7.357 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

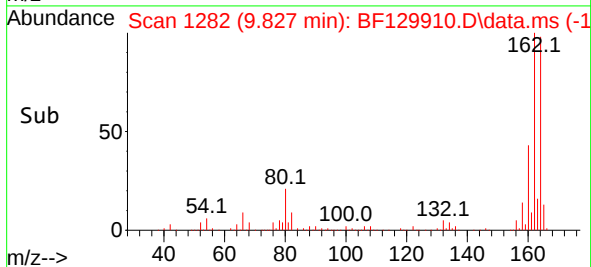
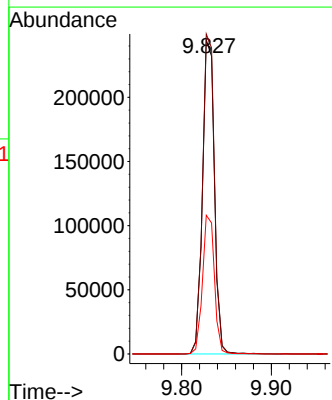
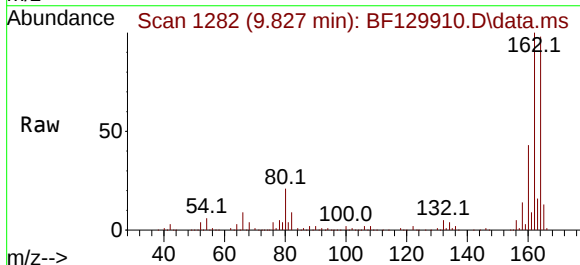
Instrument :
BNA_F
ClientSampleId :
CON-3-0815

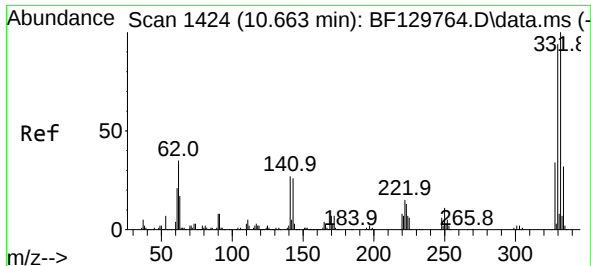
Tgt Ion: 82 Resp: 423157
Ion Ratio Lower Upper
82 100
128 42.2 36.1 54.1
54 50.7 40.0 60.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1282
Delta R.T. -0.006 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

Tgt Ion: 164 Resp: 225197
Ion Ratio Lower Upper
164 100
162 101.9 82.0 123.0
160 44.2 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 58.062 ng

RT: 10.627 min Scan# 1424

Delta R.T. 0.000 min

Lab File: BF129910.D

Acq: 19 Aug 2022 14:07

Instrument :

BNA_F

ClientSampleId :

CON-3-0815

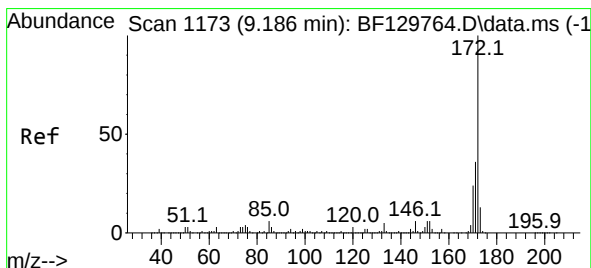
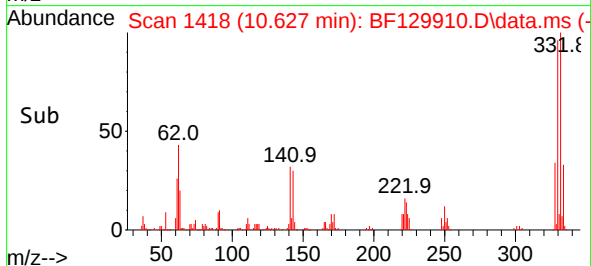
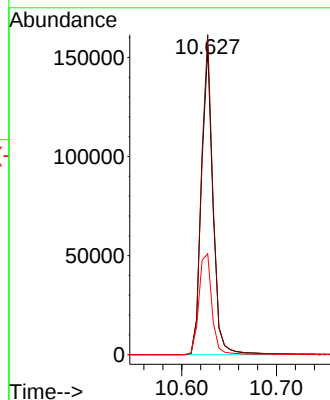
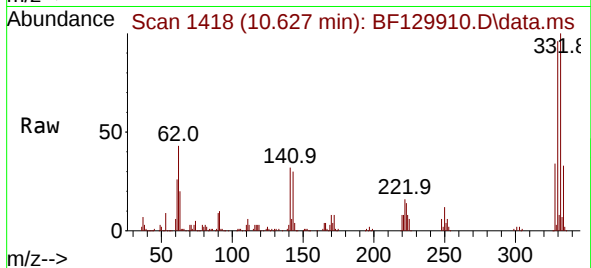
Tgt Ion:330 Resp: 131231

Ion Ratio Lower Upper

330 100

332 103.9 82.6 124.0

141 37.2 27.6 41.4



#45

2-Fluorobiphenyl

Concen: 55.040 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF129910.D

Acq: 19 Aug 2022 14:07

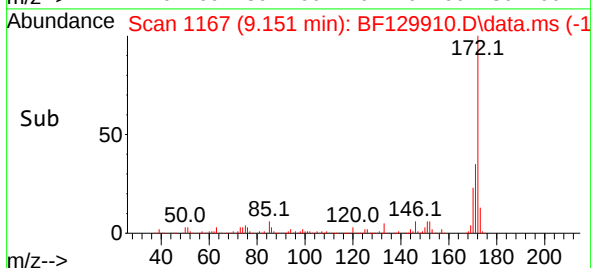
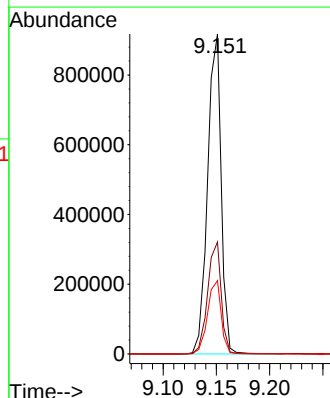
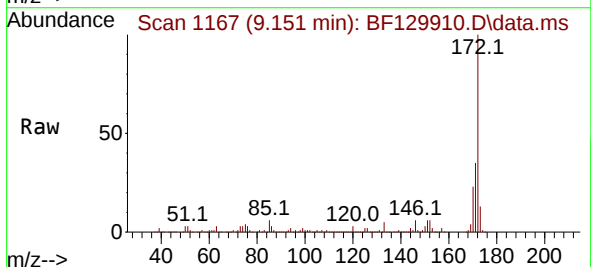
Tgt Ion:172 Resp: 816087

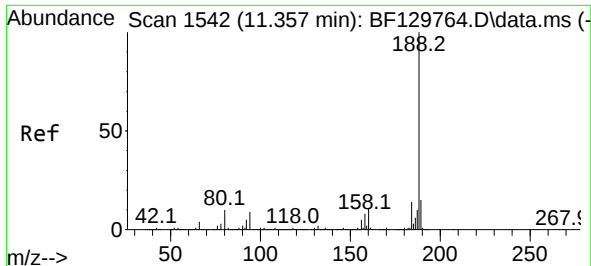
Ion Ratio Lower Upper

172 100

171 35.0 28.4 42.6

170 22.9 19.1 28.7

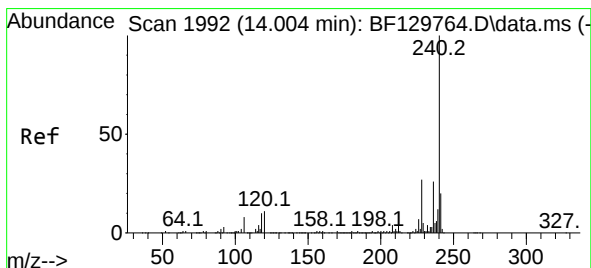
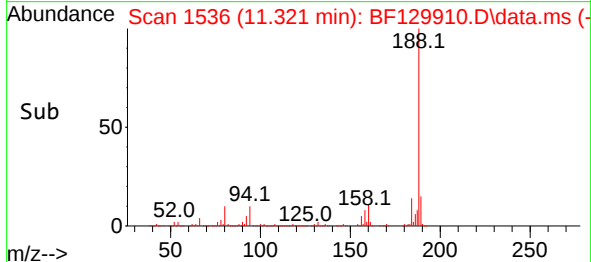
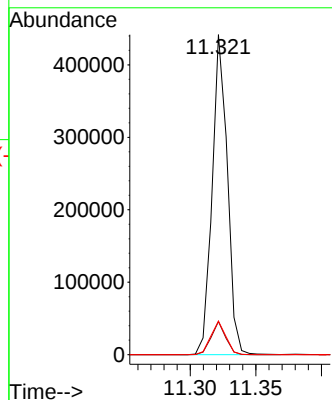
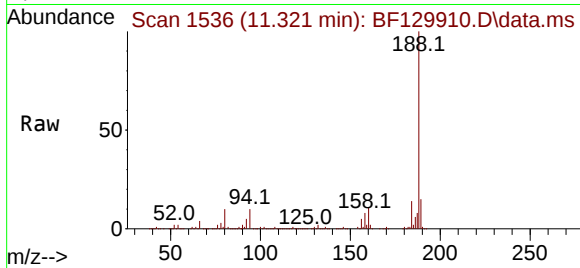




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.321 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

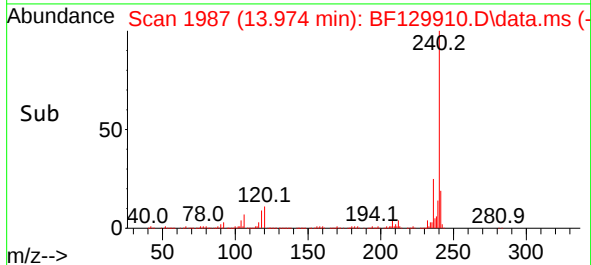
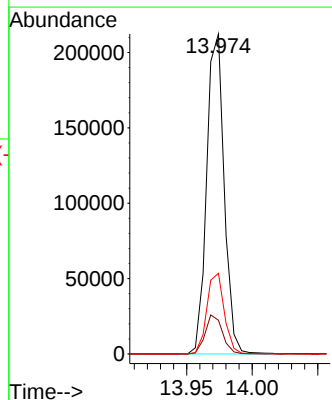
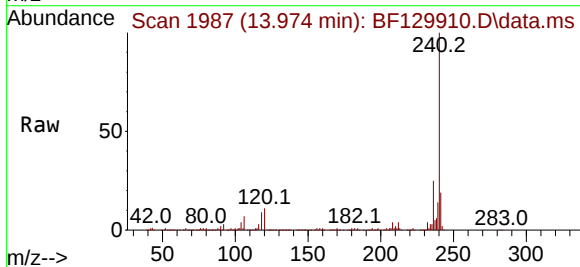
Instrument :
BNA_F
ClientSampleId :
CON-3-0815

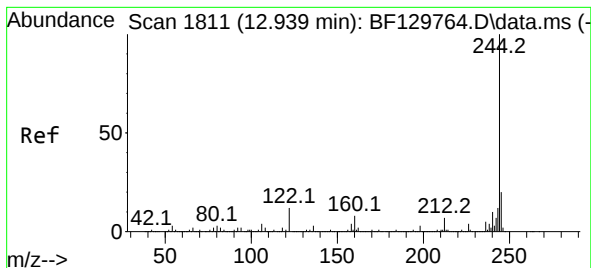
Tgt Ion:188 Resp: 356537
Ion Ratio Lower Upper
188 100
94 10.4 7.4 11.2
80 10.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF129910.D
Acq: 19 Aug 2022 14:07

Tgt Ion:240 Resp: 197597
Ion Ratio Lower Upper
240 100
120 10.5 9.2 13.8
236 25.2 20.7 31.1





#79

Terphenyl-d14

Concen: 56.854 ng

RT: 12.910 min Scan# 1806

Delta R.T. 0.000 min

Lab File: BF129910.D

Acq: 19 Aug 2022 14:07

Instrument :

BNA_F

ClientSampleId :

CON-3-0815

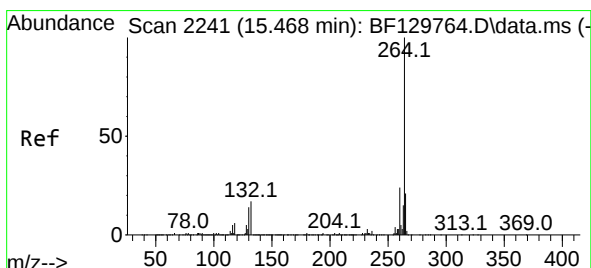
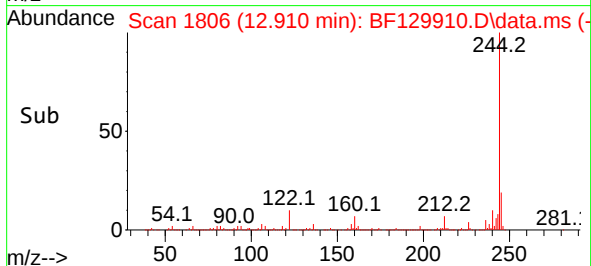
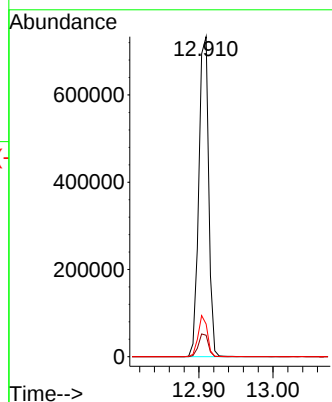
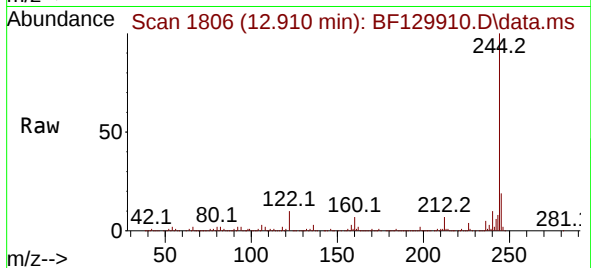
Tgt Ion:244 Resp: 675158

Ion Ratio Lower Upper

244 100

212 6.7 5.9 8.9

122 10.2 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.439 min Scan# 2236

Delta R.T. 0.012 min

Lab File: BF129910.D

Acq: 19 Aug 2022 14:07

Tgt Ion:264 Resp: 234423

Ion Ratio Lower Upper

264 100

260 23.6 19.1 28.7

265 21.4 16.7 25.1

