

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081222\
 Data File : BF129747.D
 Acq On : 12 Aug 2022 16:42
 Operator : CG\JU
 Sample : N4136-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Aug 13 02:04:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 12 15:52:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	121179	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	452207	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	205329	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	296984	20.000	ng	0.00
76) Chrysene-d12	14.010	240	259998	20.000	ng	0.00
86) Perylene-d12	15.486	264	283036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	30141	4.052	ng	0.02
7) Phenol-d6	6.492	99	155803	16.663	ng	0.00
23) Nitrobenzene-d5	7.392	82	461272	55.683	ng	-0.01
42) 2,4,6-Tribromophenol	10.663	330	1125	0.570	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	752836	56.719	ng	0.00
79) Terphenyl-d14	12.945	244	618231	44.860	ng	0.00

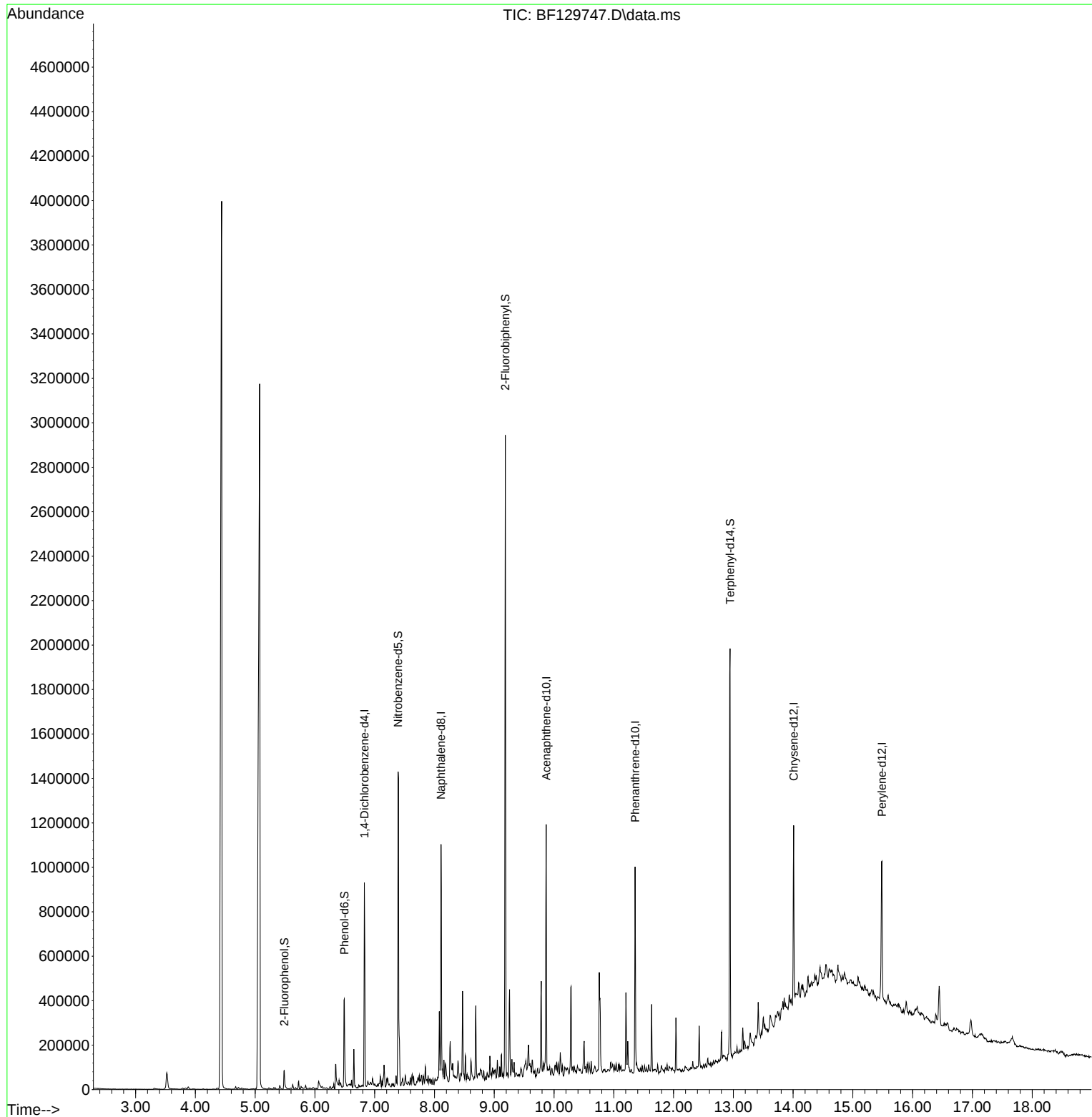
Target Compounds	Qvalue

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

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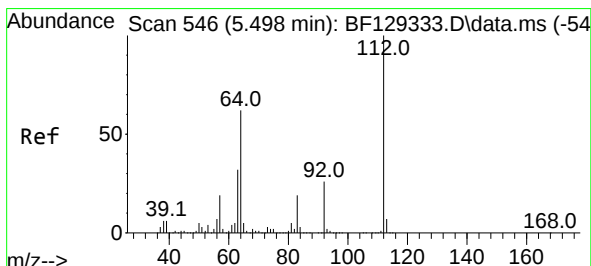
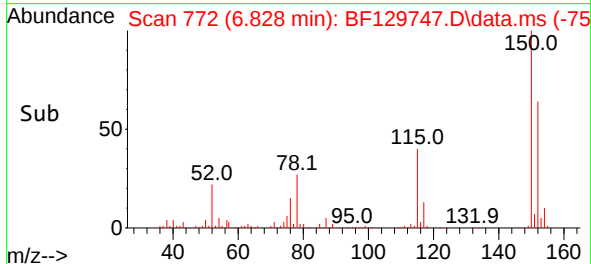
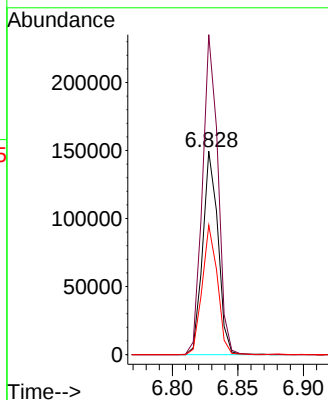
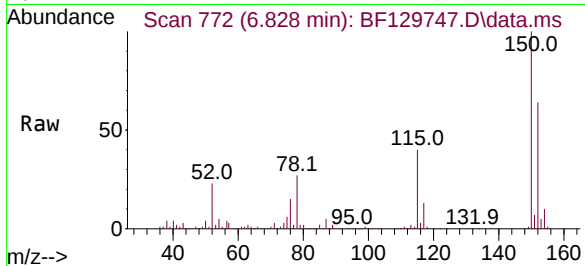




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF129747.D
 Acq: 12 Aug 2022 16:42

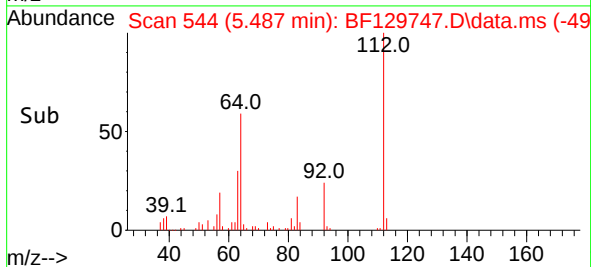
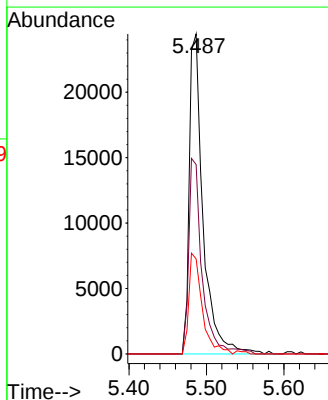
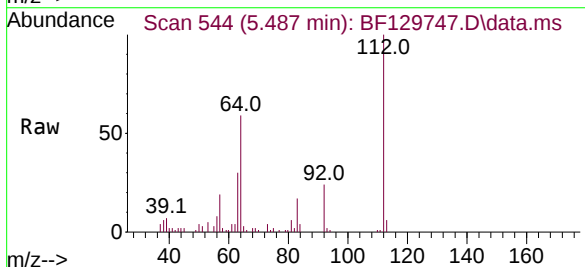
Instrument :
 BNA_F
 ClientSampleId :
 WC-4

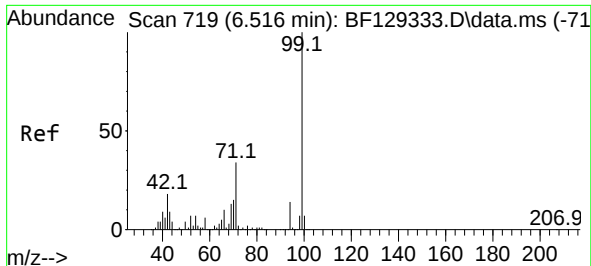
Tgt Ion:152 Resp: 121179
 Ion Ratio Lower Upper
 152 100
 150 157.5 123.7 185.5
 115 63.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 4.052 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.018 min
 Lab File: BF129747.D
 Acq: 12 Aug 2022 16:42

Tgt Ion:112 Resp: 30141
 Ion Ratio Lower Upper
 112 100
 64 59.2 53.3 79.9
 63 29.7 28.0 42.0

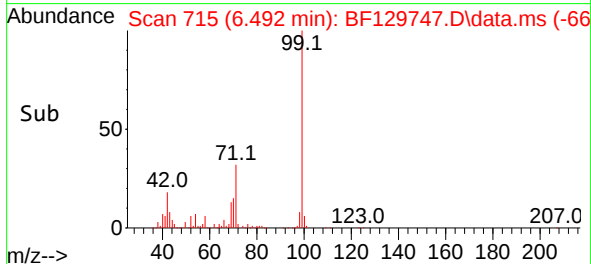
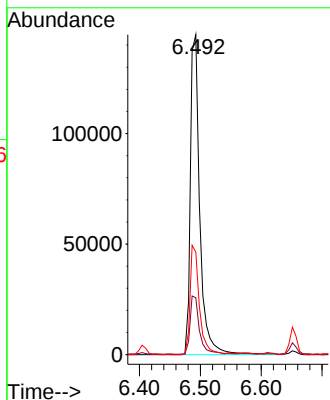
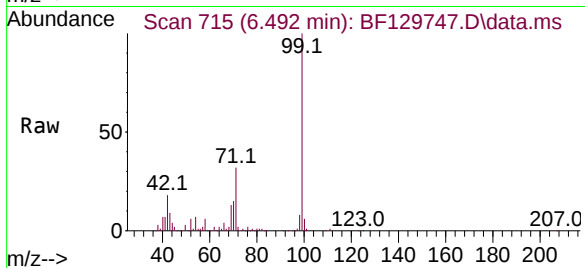




#7
Phenol-d6
Concen: 16.663 ng
RT: 6.492 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF129747.D
Acq: 12 Aug 2022 16:42

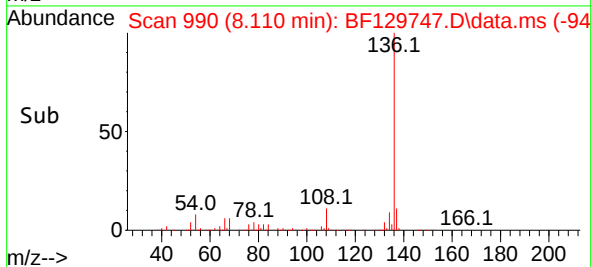
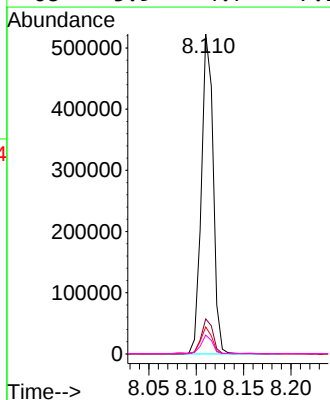
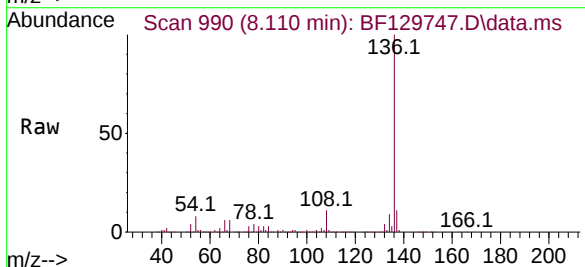
Instrument :
BNA_F
ClientSampleId :
WC-4

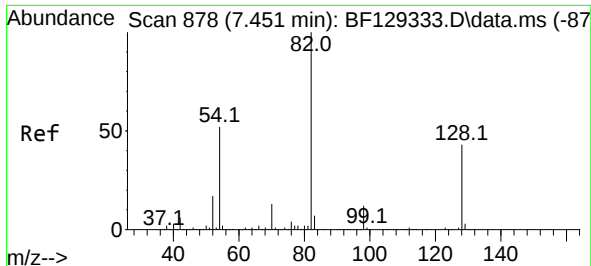
Tgt Ion: 99 Resp: 155803
Ion Ratio Lower Upper
99 100
42 17.8 17.3 25.9
71 32.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF129747.D
Acq: 12 Aug 2022 16:42

Tgt Ion: 136 Resp: 452207
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.4 7.5 11.3
68 5.9 4.7 7.1





#23

Nitrobenzene-d5

Concen: 55.683 ng

RT: 7.392 min Scan# 80

Delta R.T. -0.012 min

Lab File: BF129747.D

Acq: 12 Aug 2022 16:42

Instrument :

BNA_F

ClientSampleId :

WC-4

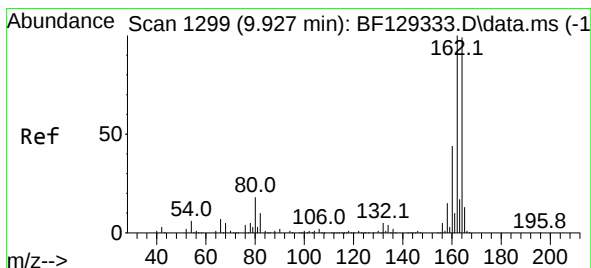
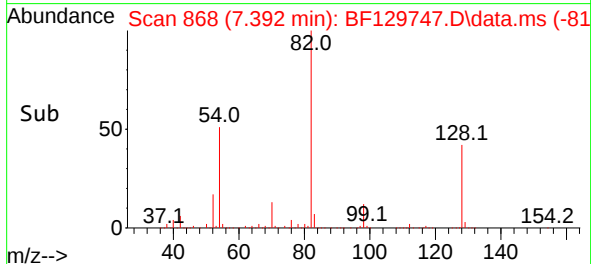
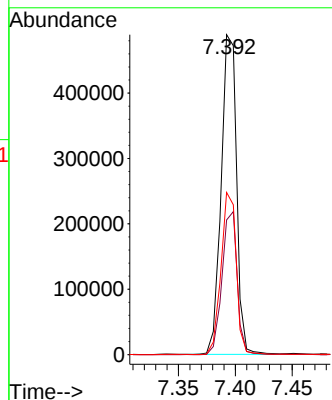
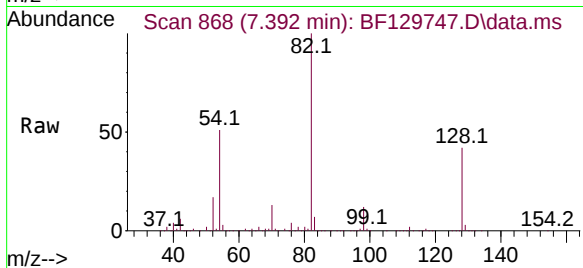
Tgt Ion: 82 Resp: 461272

Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

54 50.7 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1289

Delta R.T. -0.000 min

Lab File: BF129747.D

Acq: 12 Aug 2022 16:42

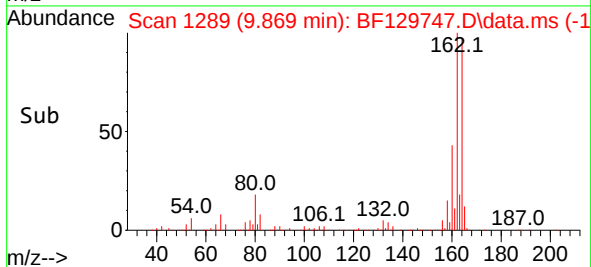
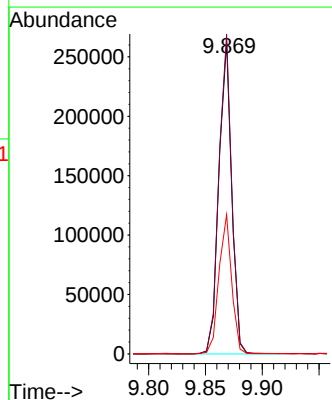
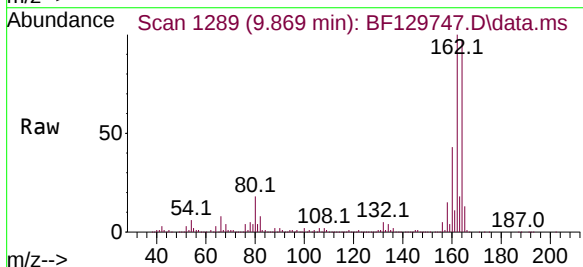
Tgt Ion: 164 Resp: 205329

Ion Ratio Lower Upper

164 100

162 102.7 79.5 119.3

160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 0.570 ng

RT: 10.663 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF129747.D

Acq: 12 Aug 2022 16:42

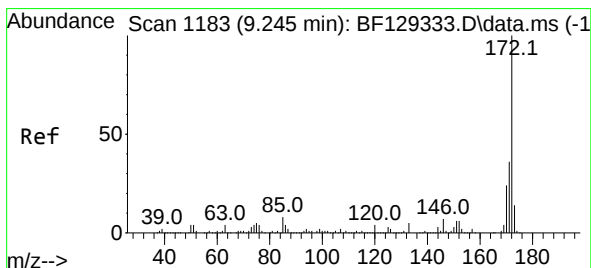
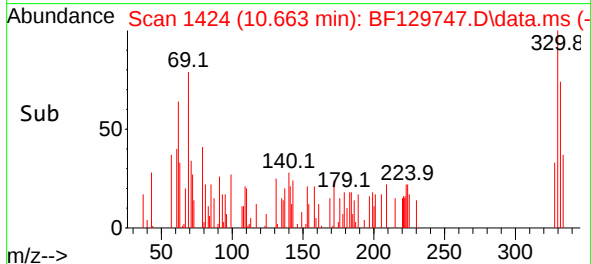
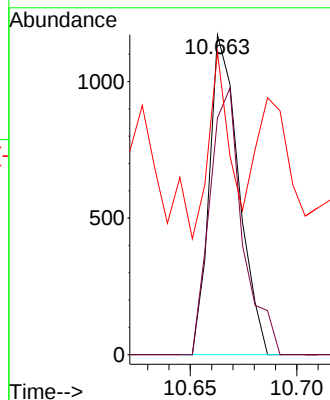
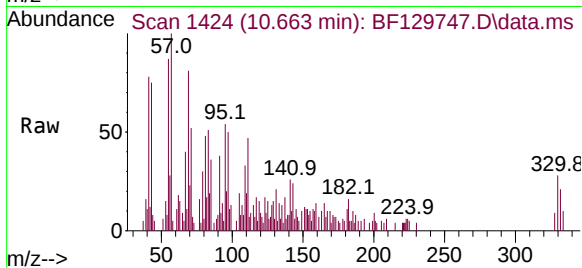
Instrument :

BNA_F

ClientSampleId :

WC-4

Tgt Ion:330	Resp:	1125
Ion Ratio	Lower	Upper
330	100	
332	93.1	76.8 115.2
141	40.4	28.0 42.0



#45

2-Fluorobiphenyl

Concen: 56.719 ng

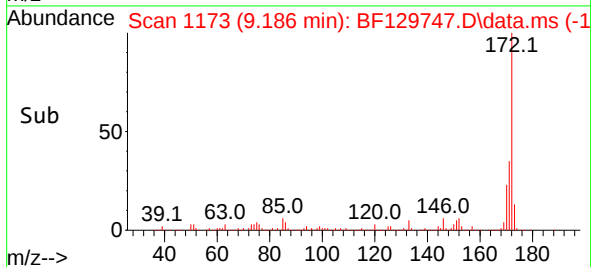
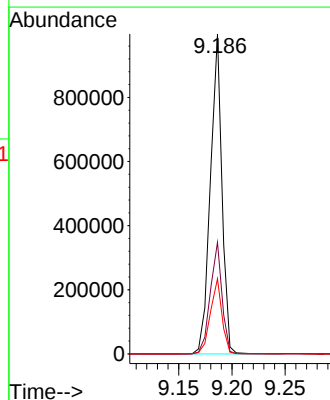
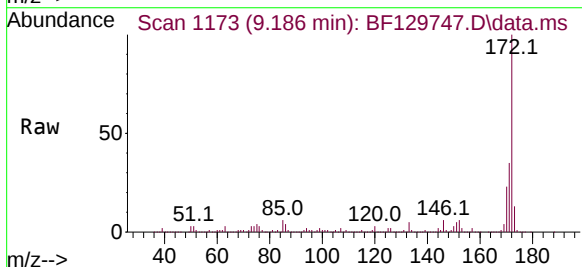
RT: 9.186 min Scan# 1173

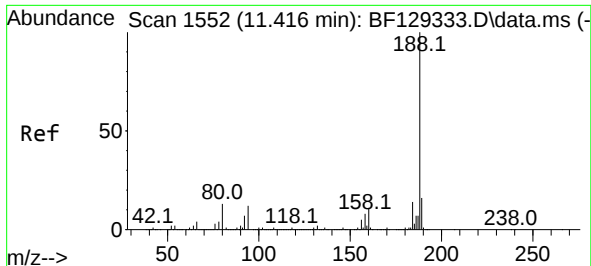
Delta R.T. -0.006 min

Lab File: BF129747.D

Acq: 12 Aug 2022 16:42

Tgt Ion:172	Resp:	752836
Ion Ratio	Lower	Upper
172	100	
171	34.9	28.8 43.2
170	23.5	19.8 29.8

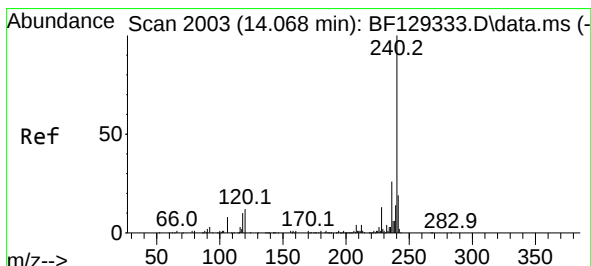
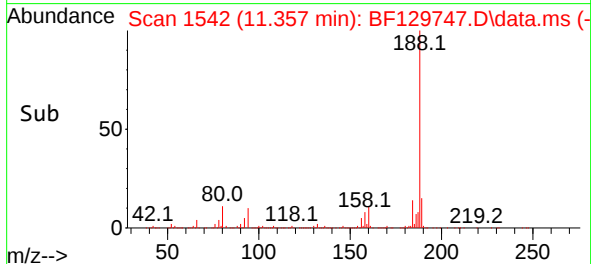
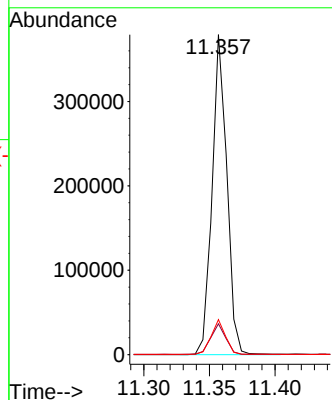
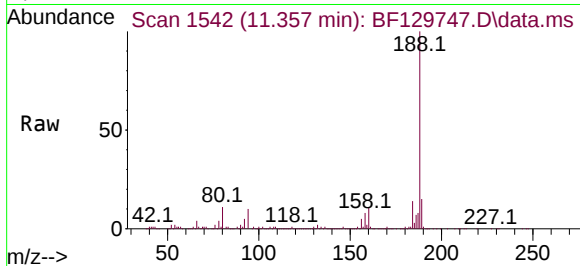




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF129747.D
Acq: 12 Aug 2022 16:42

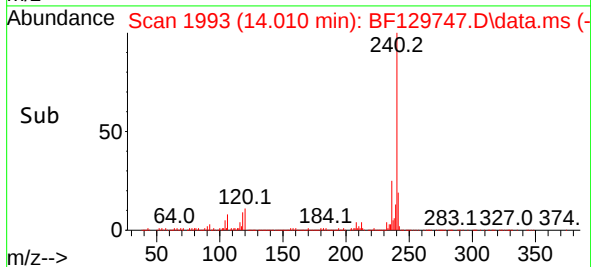
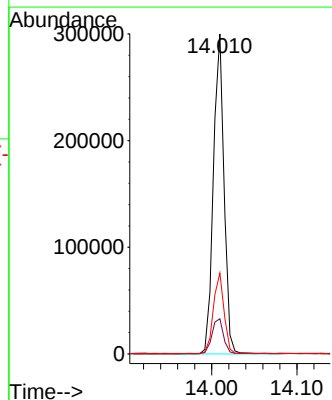
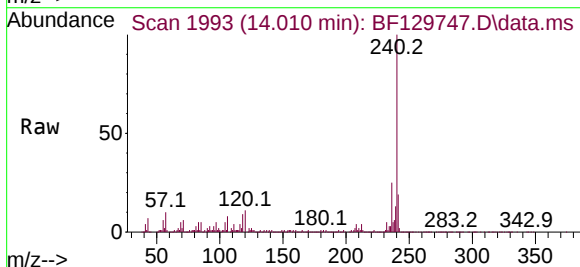
Instrument :
BNA_F
ClientSampleId :
WC-4

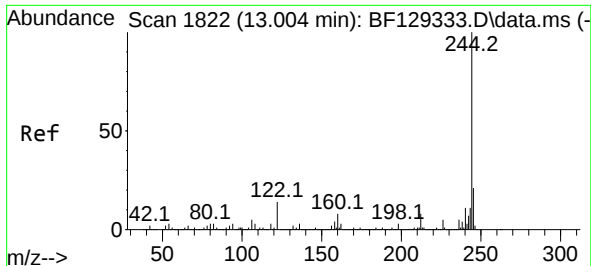
Tgt Ion:188 Resp: 296984
Ion Ratio Lower Upper
188 100
94 9.6 7.0 10.6
80 10.9 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BF129747.D
Acq: 12 Aug 2022 16:42

Tgt Ion:240 Resp: 259998
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.3 20.8 31.2

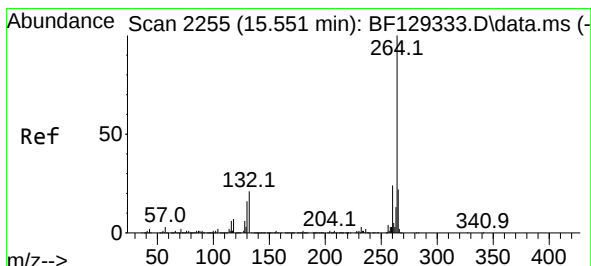
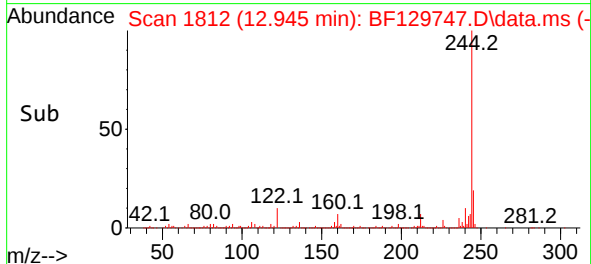
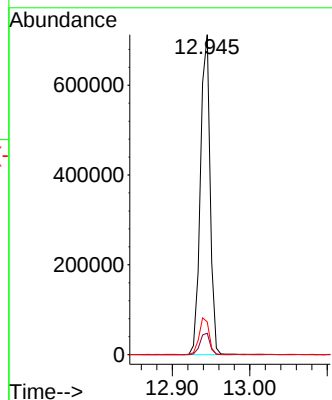
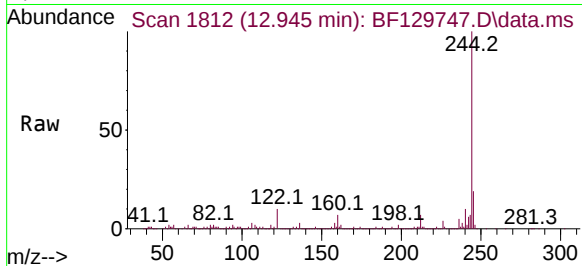




#79
Terphenyl-d14
Concen: 44.860 ng
RT: 12.945 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF129747.D
Acq: 12 Aug 2022 16:42

Instrument :
BNA_F
ClientSampleId :
WC-4

Tgt Ion:244 Resp: 618231
Ion Ratio Lower Upper
244 100
212 6.7 6.1 9.1
122 10.2 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. 0.006 min
Lab File: BF129747.D
Acq: 12 Aug 2022 16:42

Tgt Ion:264 Resp: 283036
Ion Ratio Lower Upper
264 100
260 23.5 18.4 27.6
265 20.6 17.2 25.8

