

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081022\
 Data File : BF129693.D
 Acq On : 10 Aug 2022 12:51
 Operator : CG\JU
 Sample : N3971-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-7R

Quant Time: Aug 10 15:29:34 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 10 15:26:57 2022
 Response via : Initial Calibration

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

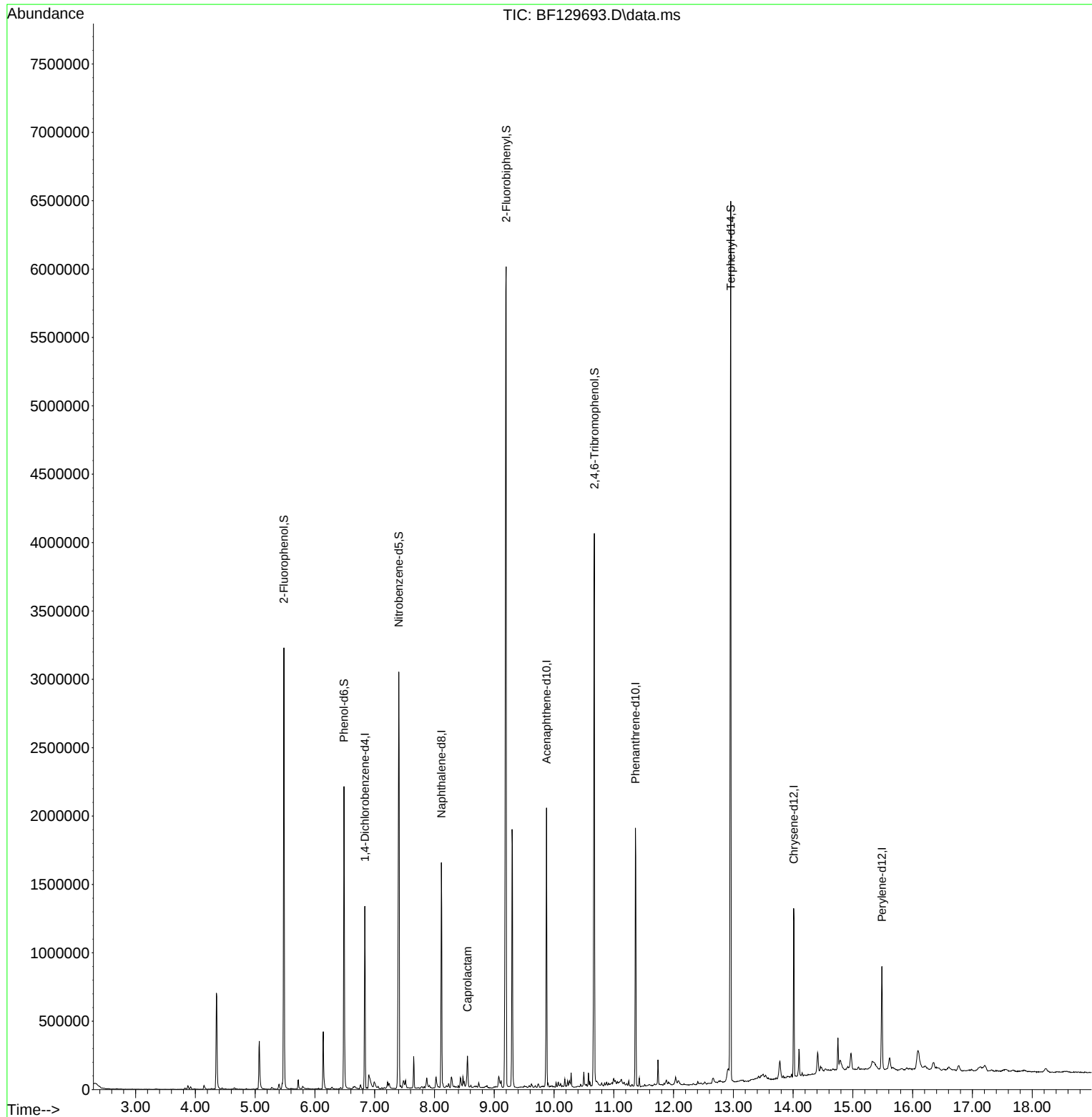
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	188783	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	760296	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	398859	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	689896	20.000	ng	# 0.00
76) Chrysene-d12	14.010	240	428064	20.000	ng	-0.01
86) Perylene-d12	15.486	264	320554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	852992	73.604	ng	0.00
7) Phenol-d6	6.487	99	709411	48.701	ng	0.00
23) Nitrobenzene-d5	7.404	82	1218782	87.507	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	516939	134.805	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	2188170	84.867	ng	0.00
79) Terphenyl-d14	12.957	244	2280292	100.498	ng	0.00
Target Compounds						
35) Caprolactam	8.551	113	28743	8.071	ng	# 88

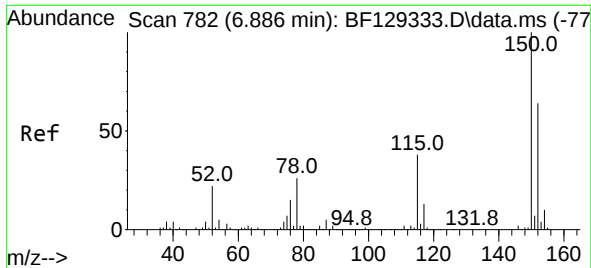
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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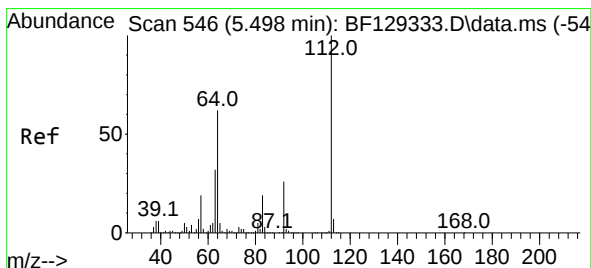
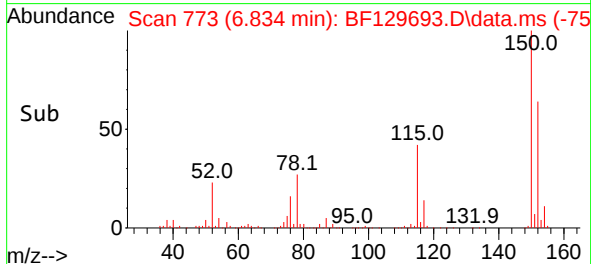
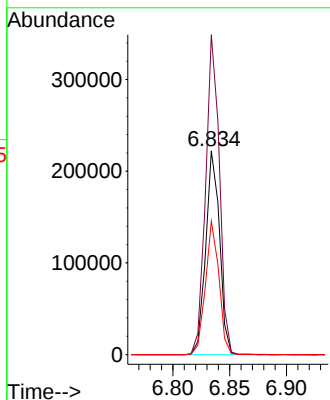
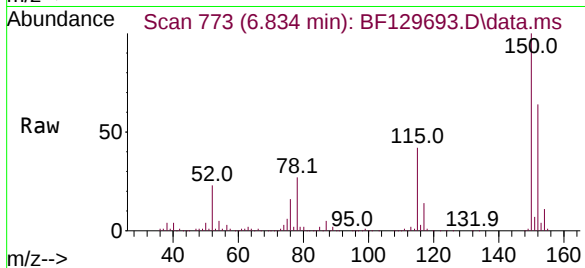




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

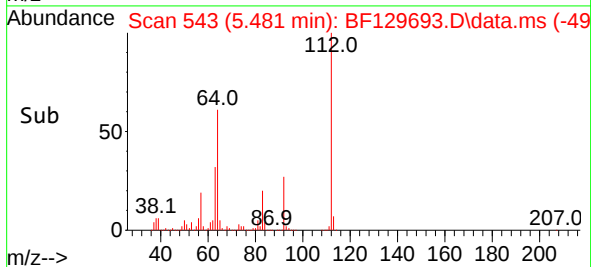
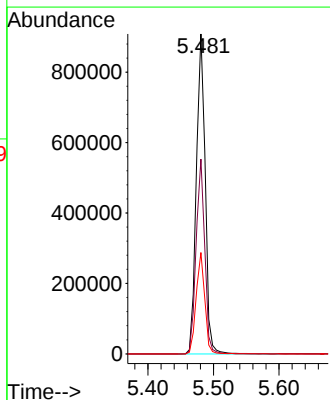
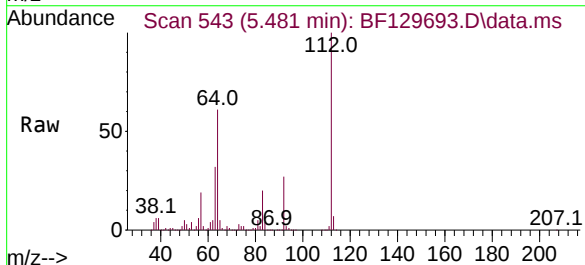
Instrument :
BNA_F
ClientSampleId :
MW-7R

Tgt Ion:152 Resp: 188783
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 65.4 49.9 74.9



#5
2-Fluorophenol
Concen: 73.604 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

Tgt Ion:112 Resp: 852992
Ion Ratio Lower Upper
112 100
64 60.9 53.3 79.9
63 31.7 28.0 42.0

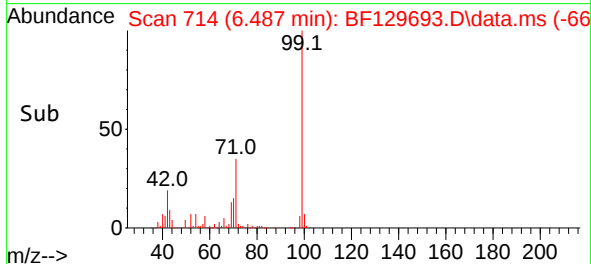
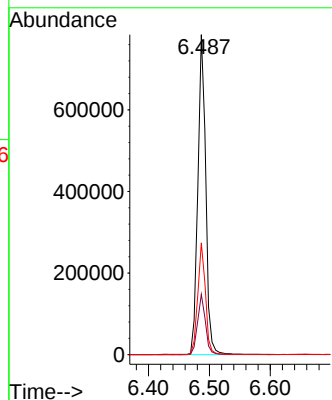
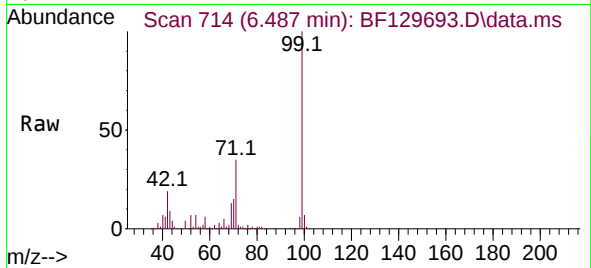




#7
Phenol-d6
Concen: 48.701 ng
RT: 6.487 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

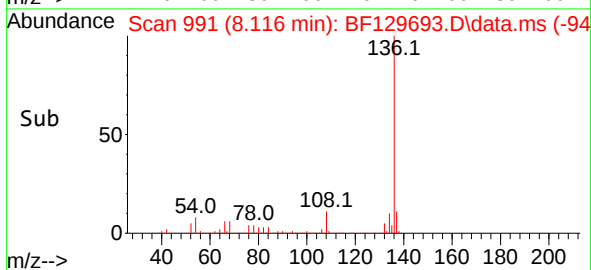
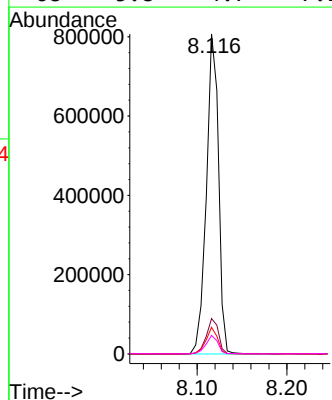
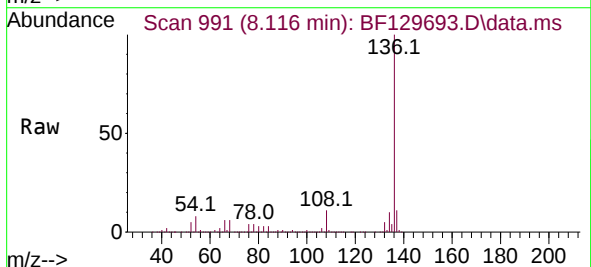
Instrument :
BNA_F
ClientSampleId :
MW-7R

Tgt Ion: 99 Resp: 709411
Ion Ratio Lower Upper
99 100
42 18.8 17.3 25.9
71 34.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

Tgt Ion: 136 Resp: 760296
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.3 7.5 11.3
68 5.8 4.7 7.1





#23

Nitrobenzene-d5

Concen: 87.507 ng

RT: 7.404 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF129693.D

Acq: 10 Aug 2022 12:51

Instrument :

BNA_F

ClientSampleId :

MW-7R

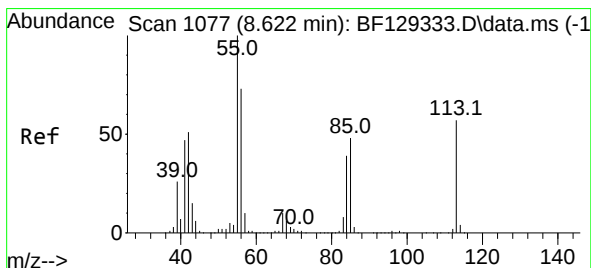
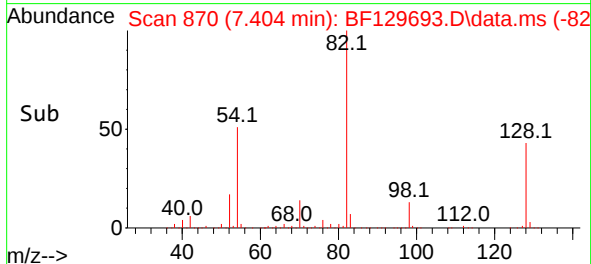
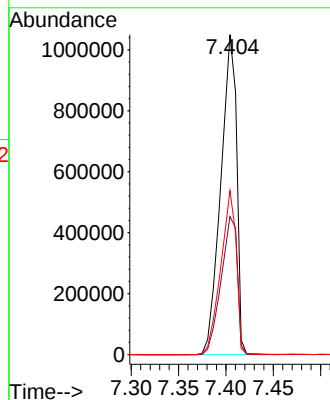
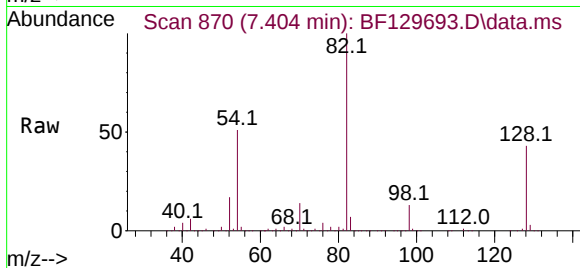
Tgt Ion: 82 Resp: 1218782

Ion Ratio Lower Upper

82 100

128 43.1 34.0 51.0

54 51.2 46.9 70.3



#35

Caprolactam

Concen: 8.071 ng

RT: 8.551 min Scan# 1065

Delta R.T. -0.035 min

Lab File: BF129693.D

Acq: 10 Aug 2022 12:51

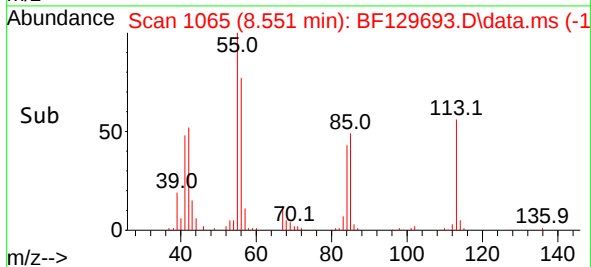
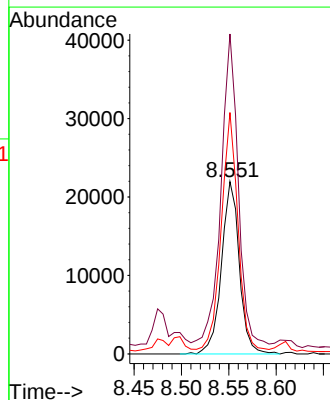
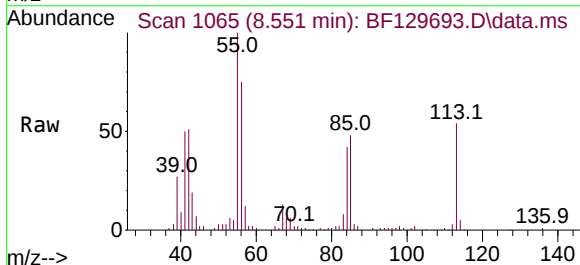
Tgt Ion: 113 Resp: 28743

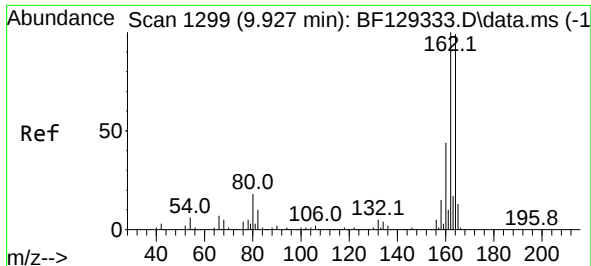
Ion Ratio Lower Upper

113 100

55 185.8 188.5 228.5#

56 140.1 130.6 170.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1299

Delta R.T. -0.006 min

Lab File: BF129693.D

Acq: 10 Aug 2022 12:51

Instrument :

BNA_F

ClientSampleId :

MW-7R

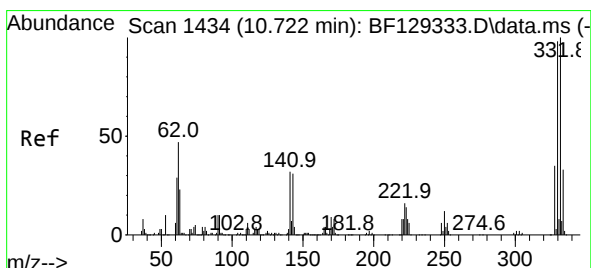
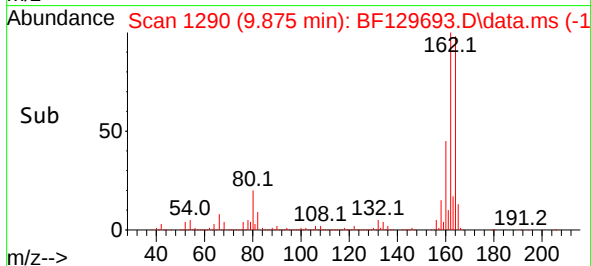
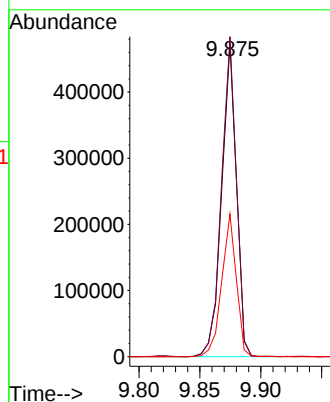
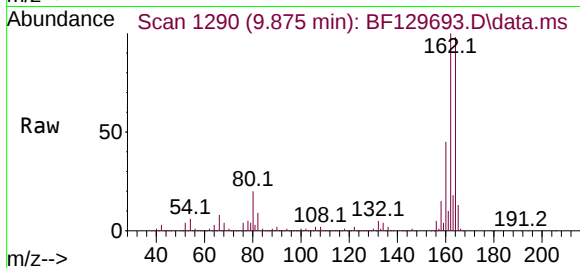
Tgt Ion:164 Resp: 398859

Ion Ratio Lower Upper

164 100

162 102.4 79.5 119.3

160 45.6 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 134.805 ng

RT: 10.675 min Scan# 1426

Delta R.T. 0.000 min

Lab File: BF129693.D

Acq: 10 Aug 2022 12:51

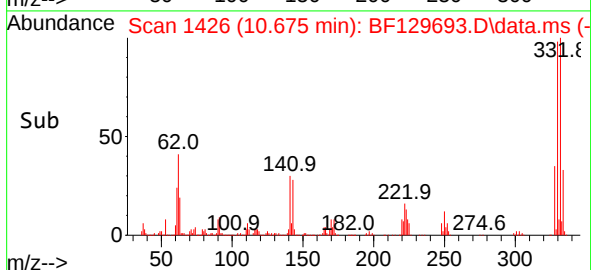
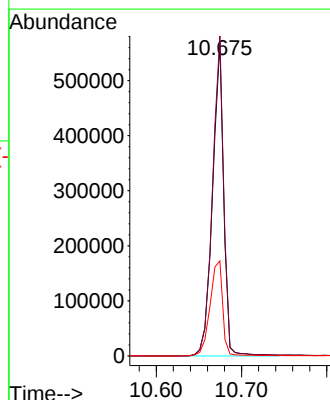
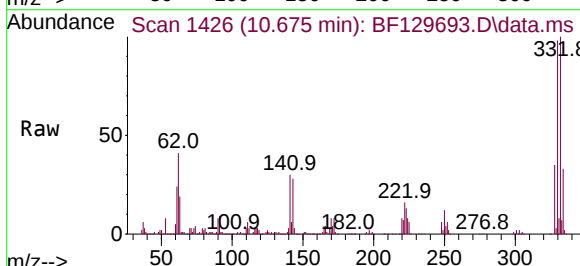
Tgt Ion:330 Resp: 516939

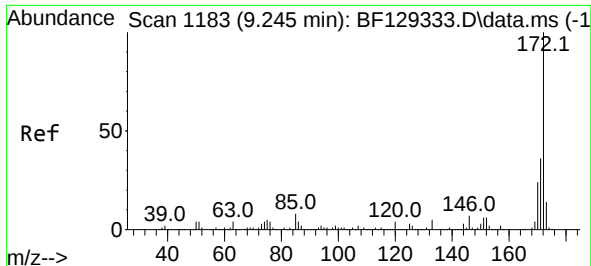
Ion Ratio Lower Upper

330 100

332 103.9 76.8 115.2

141 34.8 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 84.867 ng

RT: 9.198 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF129693.D

Acq: 10 Aug 2022 12:51

Instrument :

BNA_F

ClientSampleId :

MW-7R

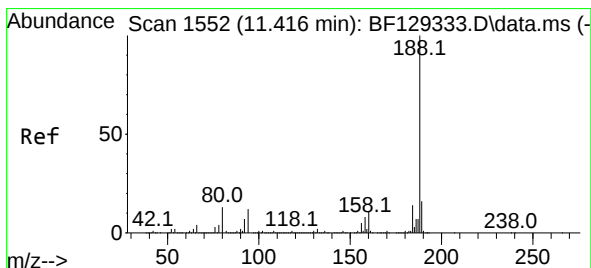
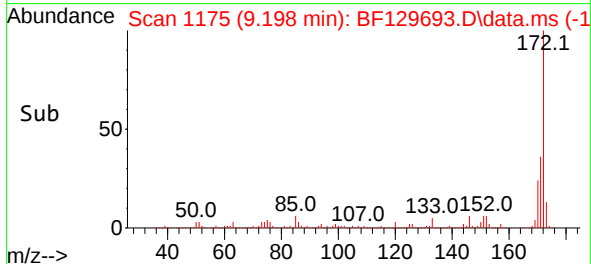
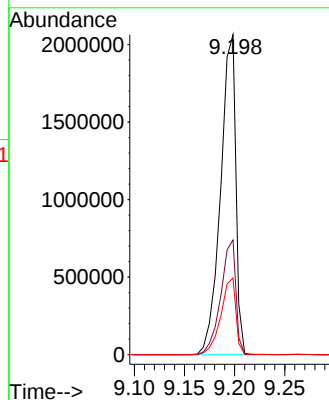
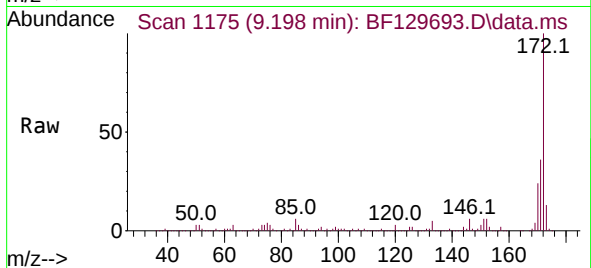
Tgt Ion:172 Resp: 2188170

Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 23.9 19.8 29.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1543

Delta R.T. -0.006 min

Lab File: BF129693.D

Acq: 10 Aug 2022 12:51

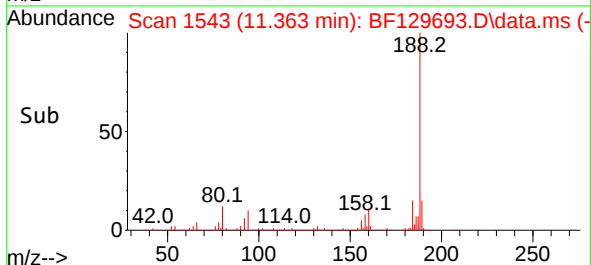
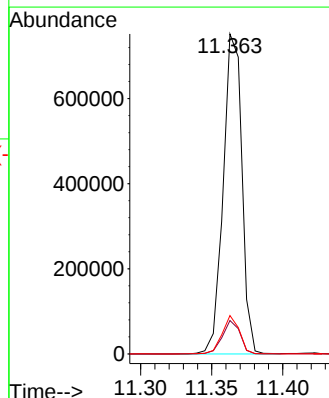
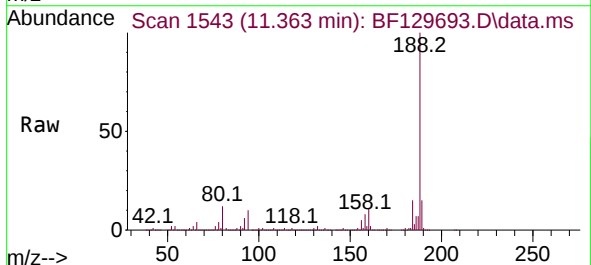
Tgt Ion:188 Resp: 689896

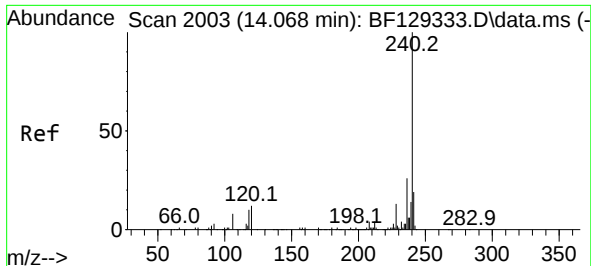
Ion Ratio Lower Upper

188 100

94 10.4 7.0 10.6

80 12.0 7.6 11.4#

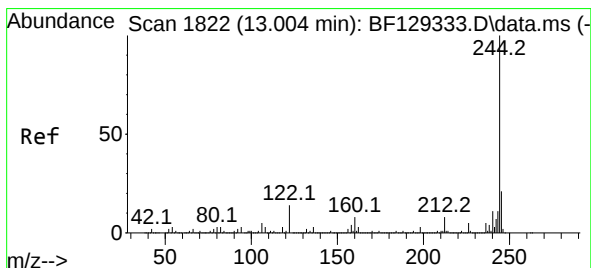
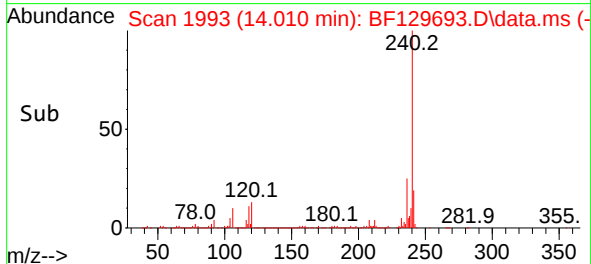
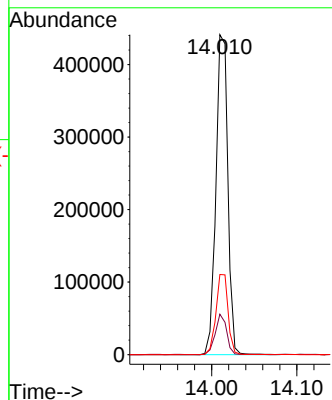
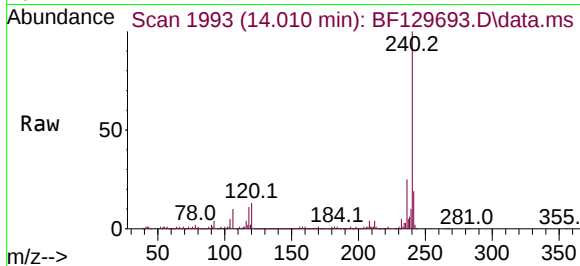




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 19
Delta R.T. -0.012 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

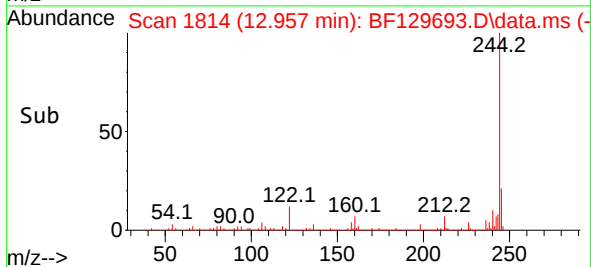
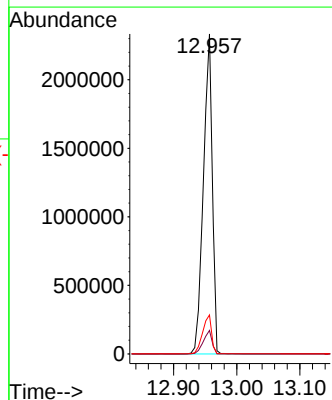
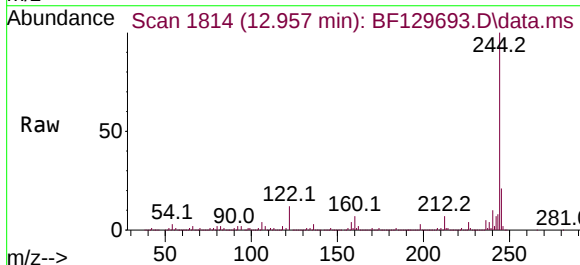
Instrument :
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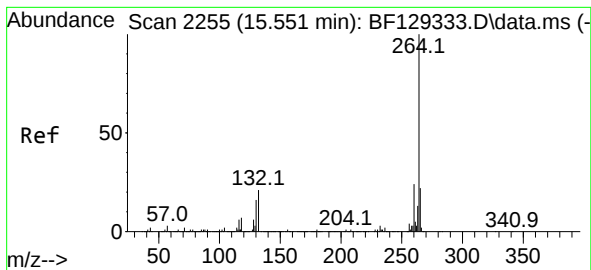
Tgt Ion:240 Resp: 428064
Ion Ratio Lower Upper
240 100
120 12.6 8.9 13.3
236 25.0 20.8 31.2



#79
Terphenyl-d14
Concen: 100.498 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

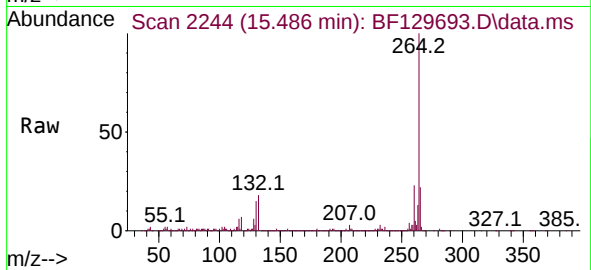
Tgt Ion:244 Resp: 2280292
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 12.2 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.486 min Scan# 2244
Delta R.T. -0.006 min
Lab File: BF129693.D
Acq: 10 Aug 2022 12:51

Instrument :
BNA_F
ClientSampleId :
MW-7R



Tgt Ion:264 Resp: 320554
Ion Ratio Lower Upper
264 100
260 23.1 18.4 27.6
265 22.1 17.2 25.8

