

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072822\
 Data File : BF129411.D
 Acq On : 28 Jul 2022 16:22
 Operator : CG\JU
 Sample : PB146473BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB146473BL

Quant Time: Jul 29 02:08:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 17:24:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	233102	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	950830	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	512508	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	872297	20.000	ng	0.00
76) Chrysene-d12	14.063	240	673845	20.000	ng	0.00
86) Perylene-d12	15.551	264	581386	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1810361	126.514	ng	0.02
7) Phenol-d6	6.522	99	2332627	129.690	ng	0.00
23) Nitrobenzene-d5	7.451	82	1504150	86.356	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	626721	127.192	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2594082	78.300	ng	0.00
79) Terphenyl-d14	13.010	244	2844446	79.637	ng	0.00

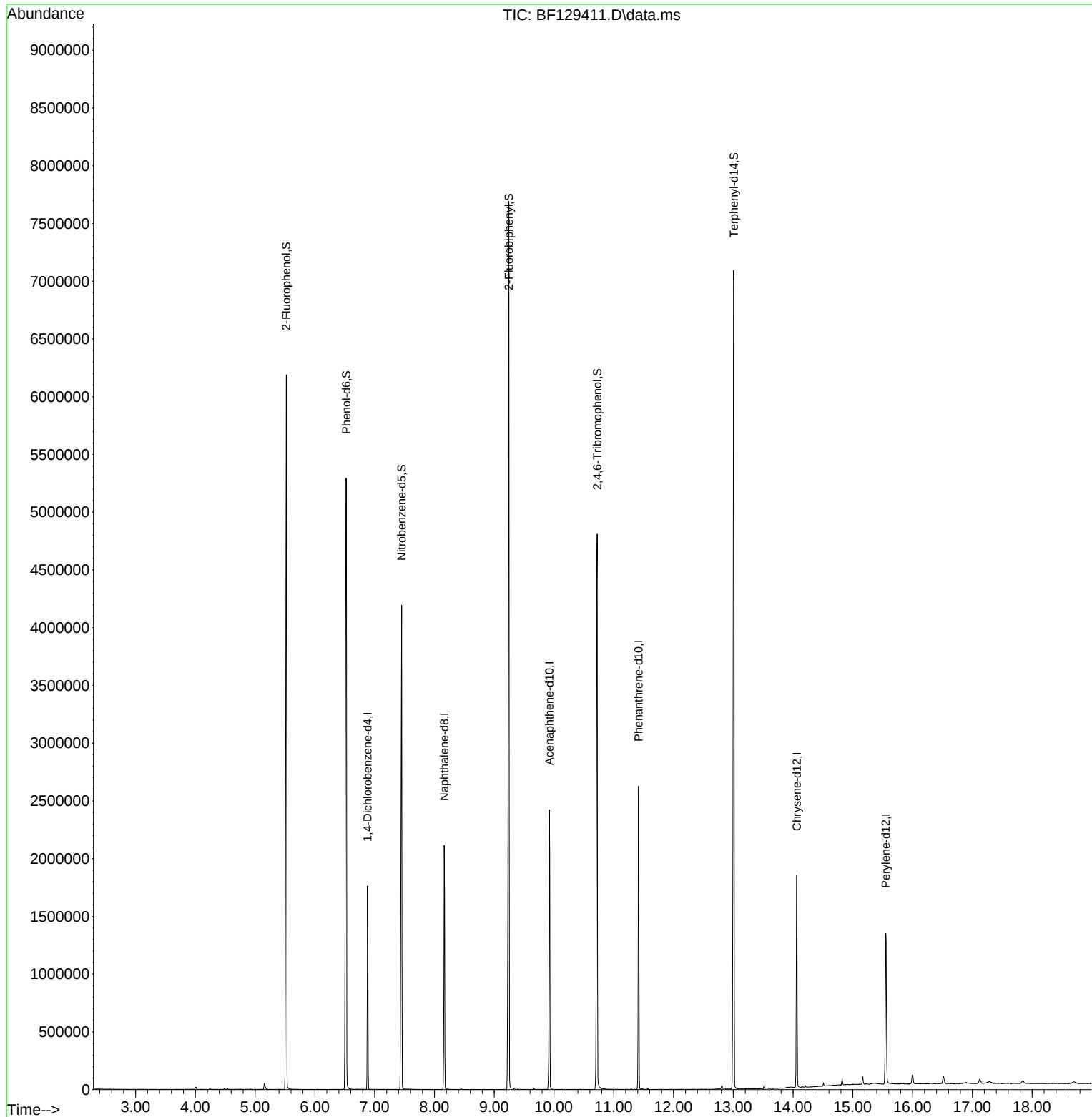
Target Compounds Qvalue

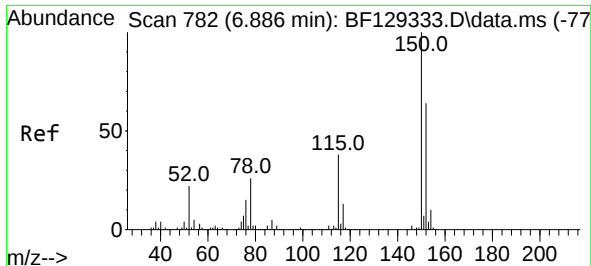
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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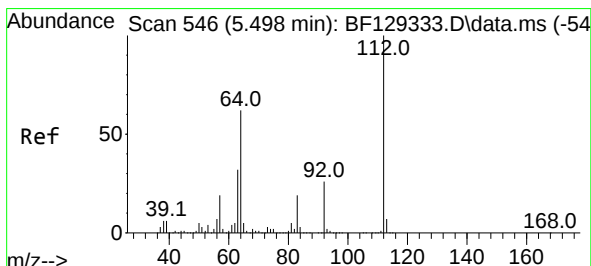
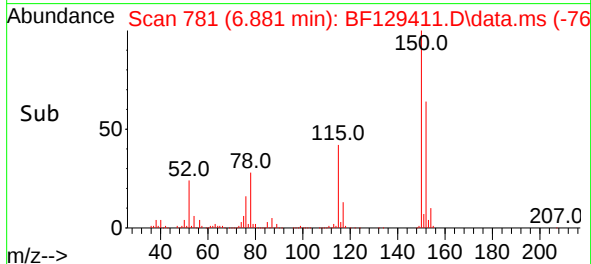
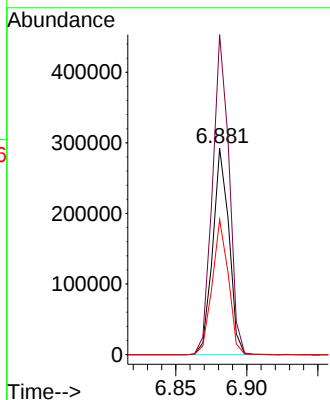
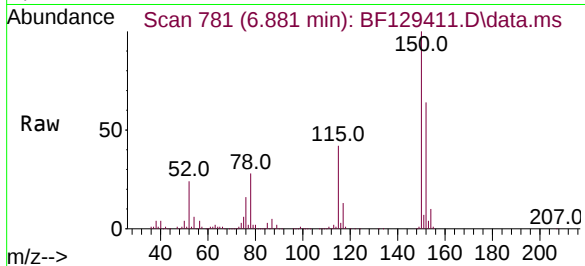




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 782
 Delta R.T. -0.005 min
 Lab File: BF129411.D
 Acq: 28 Jul 2022 16:22

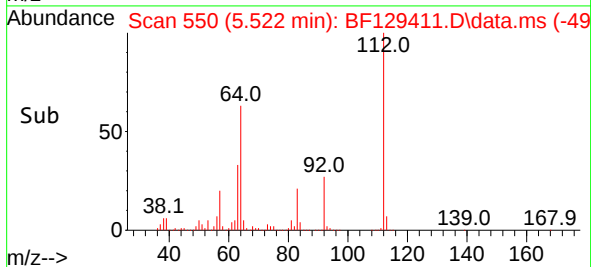
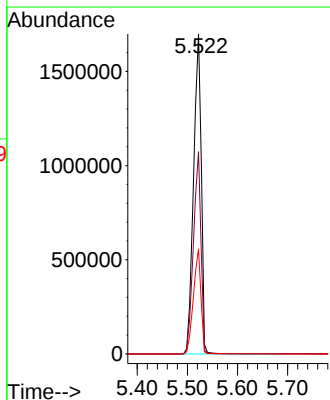
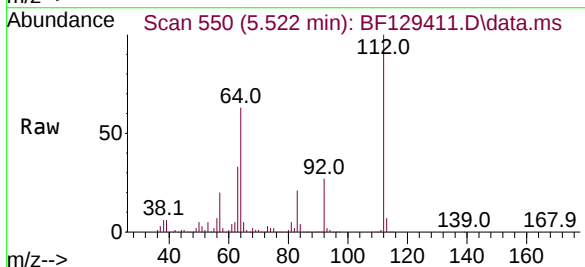
Instrument :
 BNA_F
 ClientSampleId :
 PB146473BL

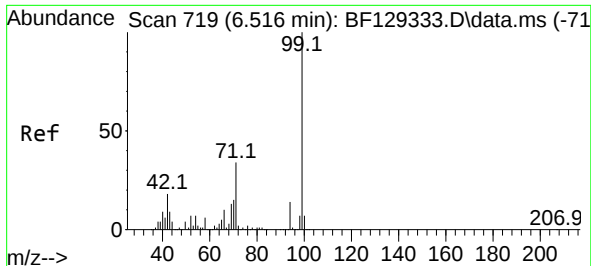
Tgt Ion:152 Resp: 233102
 Ion Ratio Lower Upper
 152 100
 150 155.1 123.7 185.5
 115 65.4 49.9 74.9



#5
 2-Fluorophenol
 Concen: 126.514 ng
 RT: 5.522 min Scan# 550
 Delta R.T. 0.024 min
 Lab File: BF129411.D
 Acq: 28 Jul 2022 16:22

Tgt Ion:112 Resp: 1810361
 Ion Ratio Lower Upper
 112 100
 64 63.2 53.3 79.9
 63 32.9 28.0 42.0

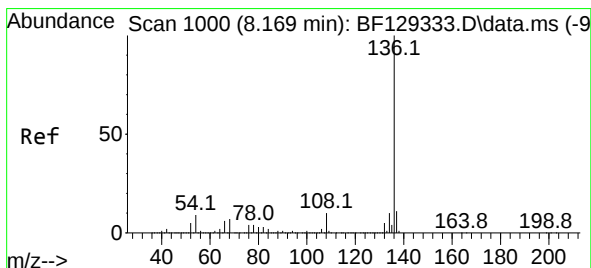
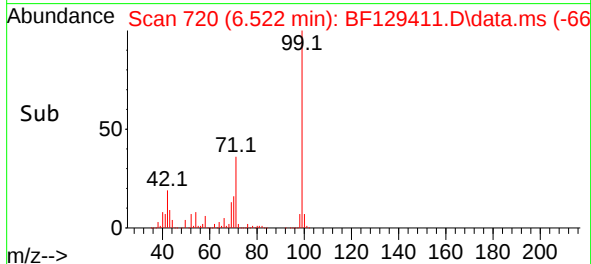
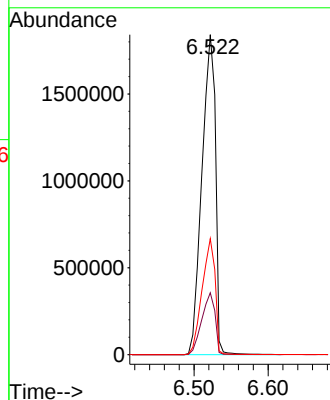
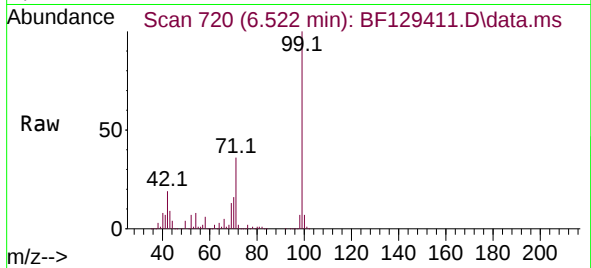




#7
Phenol-d6
Concen: 129.690 ng
RT: 6.522 min Scan# 719
Delta R.T. 0.006 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

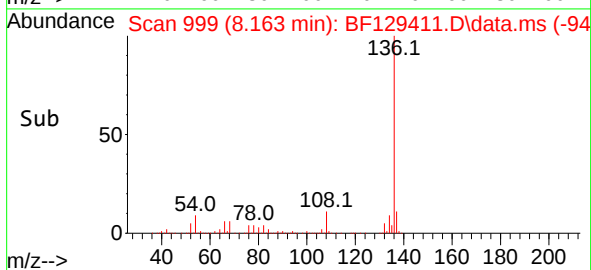
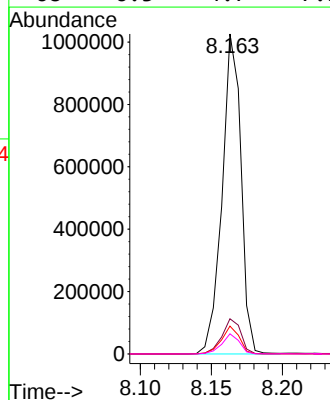
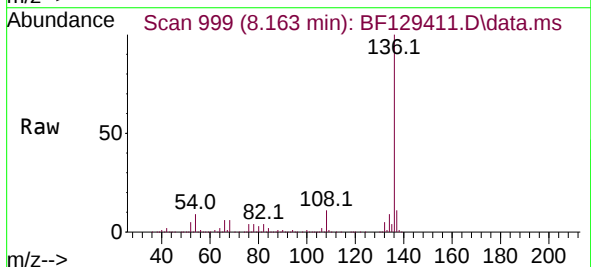
Instrument :
BNA_F
ClientSampleId :
PB146473BL

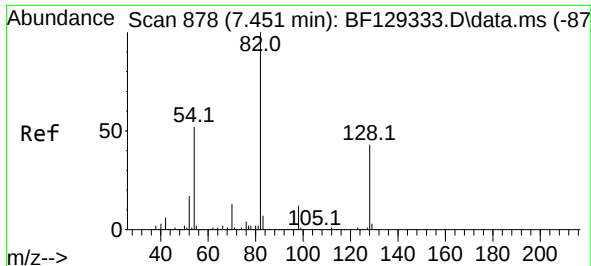
Tgt Ion: 99 Resp: 2332627
Ion Ratio Lower Upper
99 100
42 19.3 17.3 25.9
71 36.2 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

Tgt Ion: 136 Resp: 950830
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 8.7 7.5 11.3
68 6.3 4.7 7.1





#23

Nitrobenzene-d5

Concen: 86.356 ng

RT: 7.451 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF129411.D

Acq: 28 Jul 2022 16:22

Instrument :

BNA_F

ClientSampleId :

PB146473BL

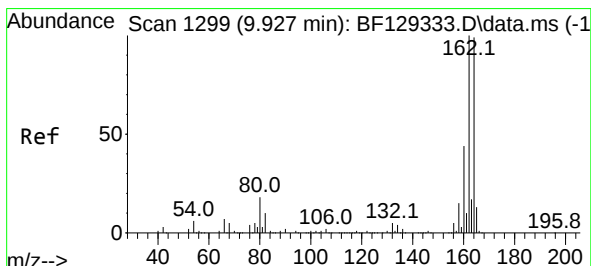
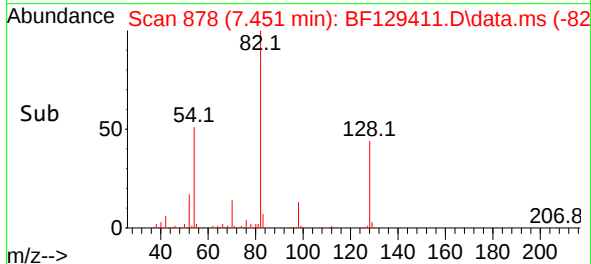
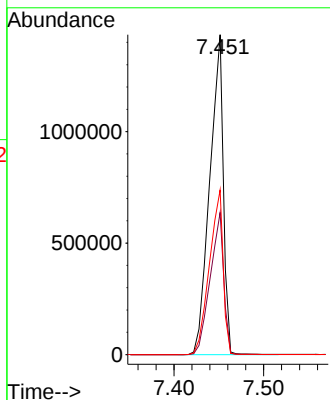
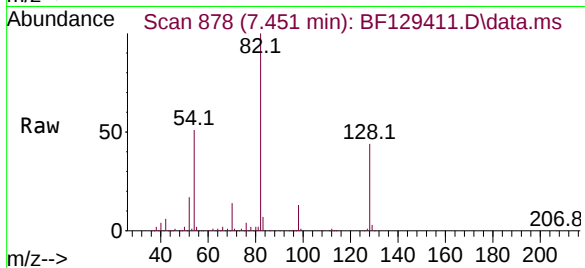
Tgt Ion: 82 Resp: 1504150

Ion Ratio Lower Upper

82 100

128 44.4 34.0 51.0

54 51.5 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1298

Delta R.T. -0.006 min

Lab File: BF129411.D

Acq: 28 Jul 2022 16:22

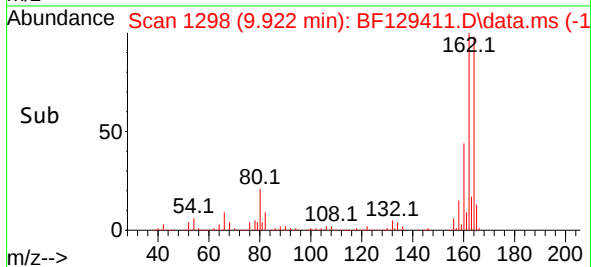
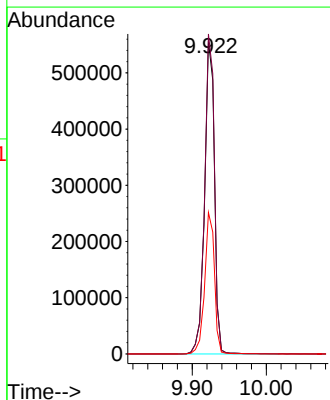
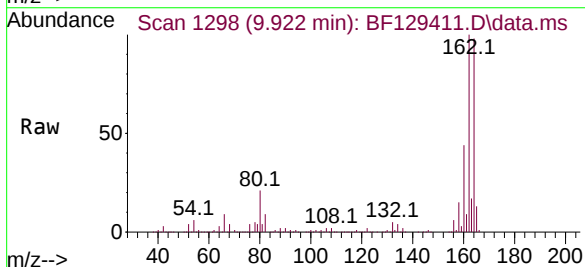
Tgt Ion:164 Resp: 512508

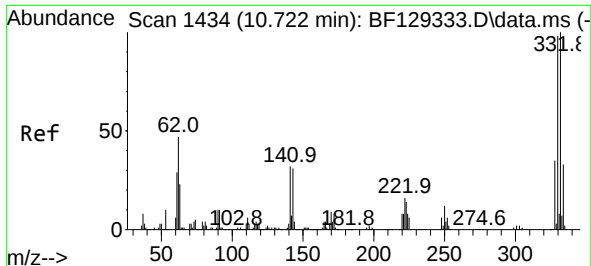
Ion Ratio Lower Upper

164 100

162 102.3 79.5 119.3

160 45.2 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 127.192 ng

RT: 10.722 min Scan# 1434

Delta R.T. 0.000 min

Lab File: BF129411.D

Acq: 28 Jul 2022 16:22

Instrument :

BNA_F

ClientSampleId :

PB146473BL

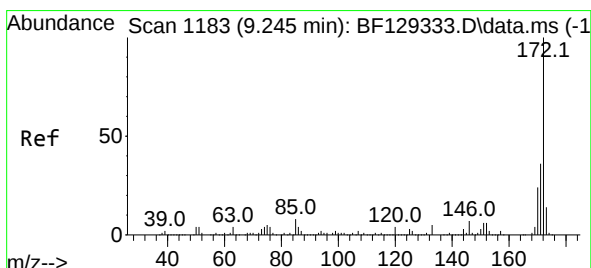
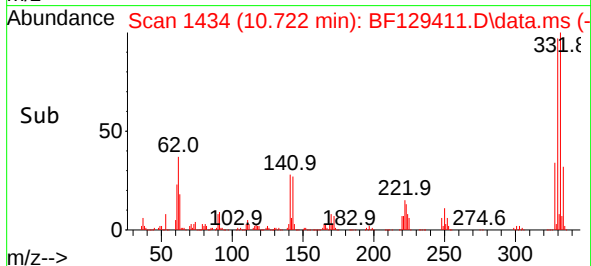
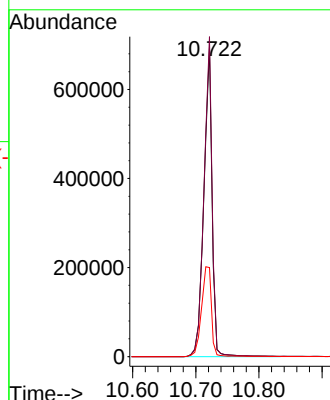
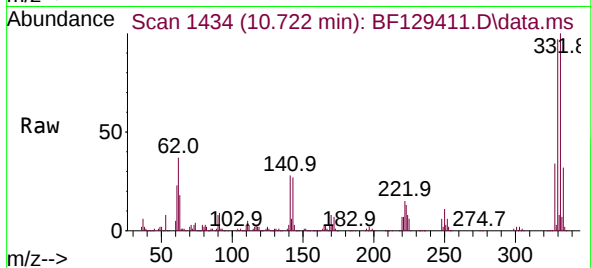
Tgt Ion:330 Resp: 626721

Ion Ratio Lower Upper

330 100

332 103.1 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 78.300 ng

RT: 9.245 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF129411.D

Acq: 28 Jul 2022 16:22

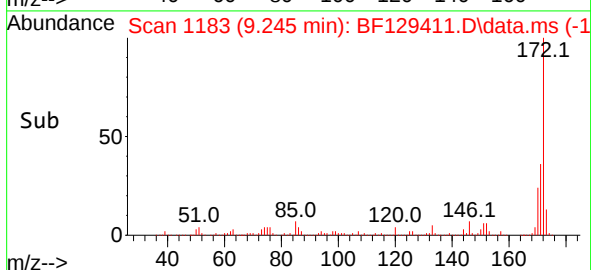
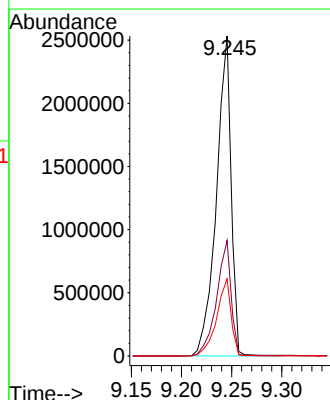
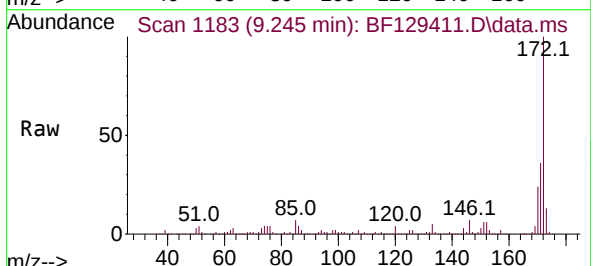
Tgt Ion:172 Resp: 2594082

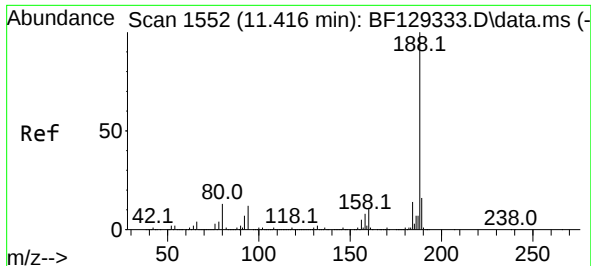
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 24.1 19.8 29.8

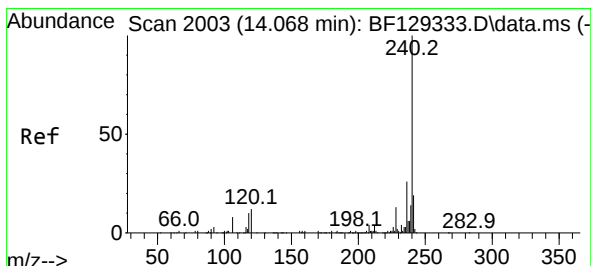
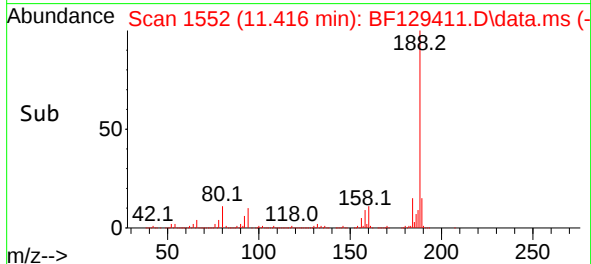
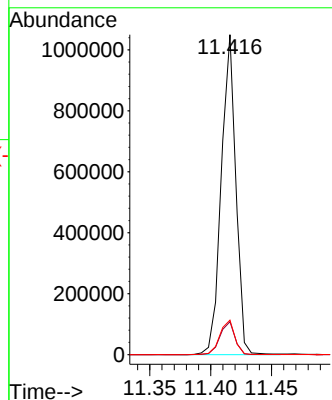
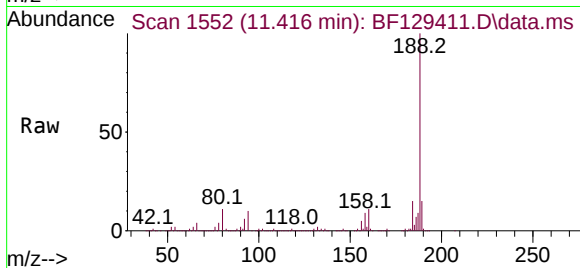




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

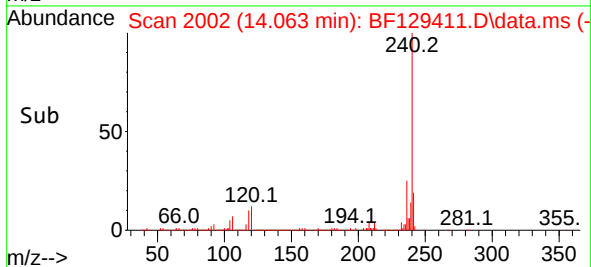
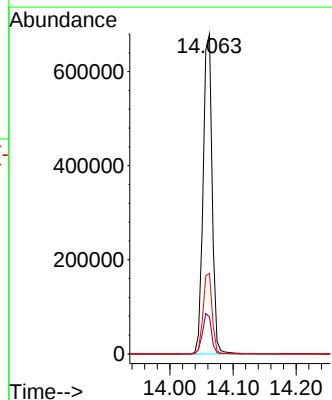
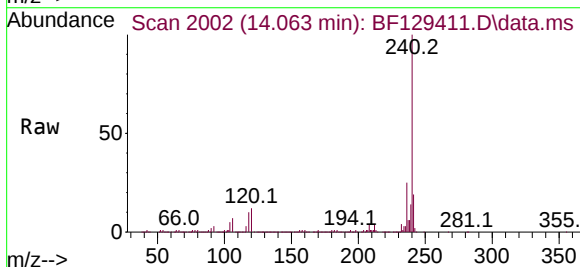
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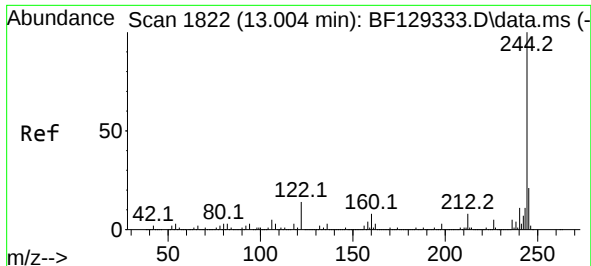
Tgt Ion:188 Resp: 872297
Ion Ratio Lower Upper
188 100
94 10.3 7.0 10.6
80 10.8 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2002
Delta R.T. -0.006 min
Lab File: BF129411.D
Acq: 28 Jul 2022 16:22

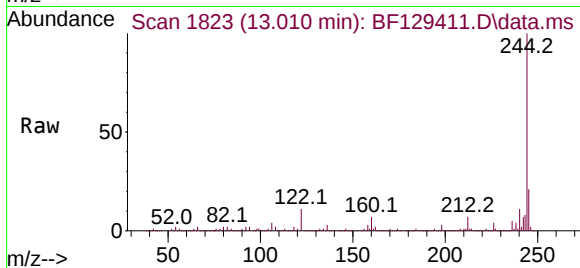
Tgt Ion:240 Resp: 673845
Ion Ratio Lower Upper
240 100
120 11.6 8.9 13.3
236 25.2 20.8 31.2



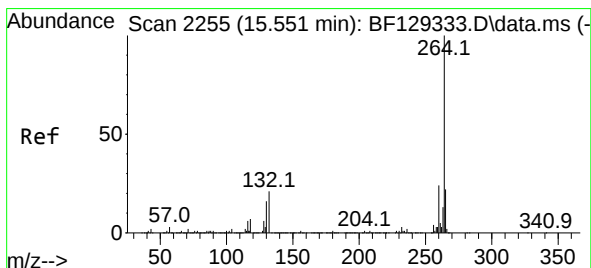
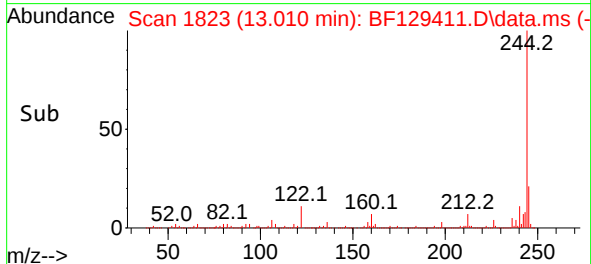
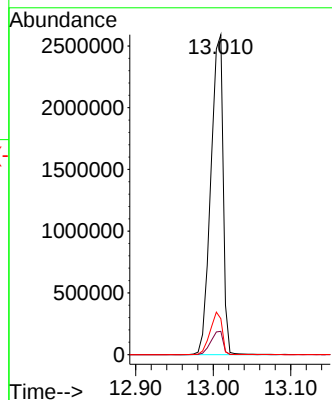


#79
 Terphenyl-d14
 Concen: 79.637 ng
 RT: 13.010 min Scan# 1823
 Delta R.T. 0.006 min
 Lab File: BF129411.D
 Acq: 28 Jul 2022 16:22

Instrument :
 BNA_F
 ClientSampleId :
 PB146473BL



Tgt Ion:244 Resp: 2844446
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 11.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2255
 Delta R.T. 0.000 min
 Lab File: BF129411.D
 Acq: 28 Jul 2022 16:22

Tgt Ion:264 Resp: 581386
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.4 27.6
 265 21.9 17.2 25.8

