

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128806.D
 Acq On : 14 Jun 2022 18:14
 Operator : CG\JU
 Sample : N3329-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PALMYRA-RT-73-COMP-3

Quant Time: Jun 15 01:01:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	82970	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	311005	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	170651	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	280582	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	170404	20.000	ng	#-0.01
86) Perylene-d12	15.404	264	178001	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	548377	105.276	ng	0.00
7) Phenol-d6	6.434	99	691401	108.738	ng	0.00
23) Nitrobenzene-d5	7.345	82	483531	72.386	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	180108	89.325	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	926132	76.022	ng	0.00
79) Terphenyl-d14	12.898	244	736337	75.085	ng	0.00

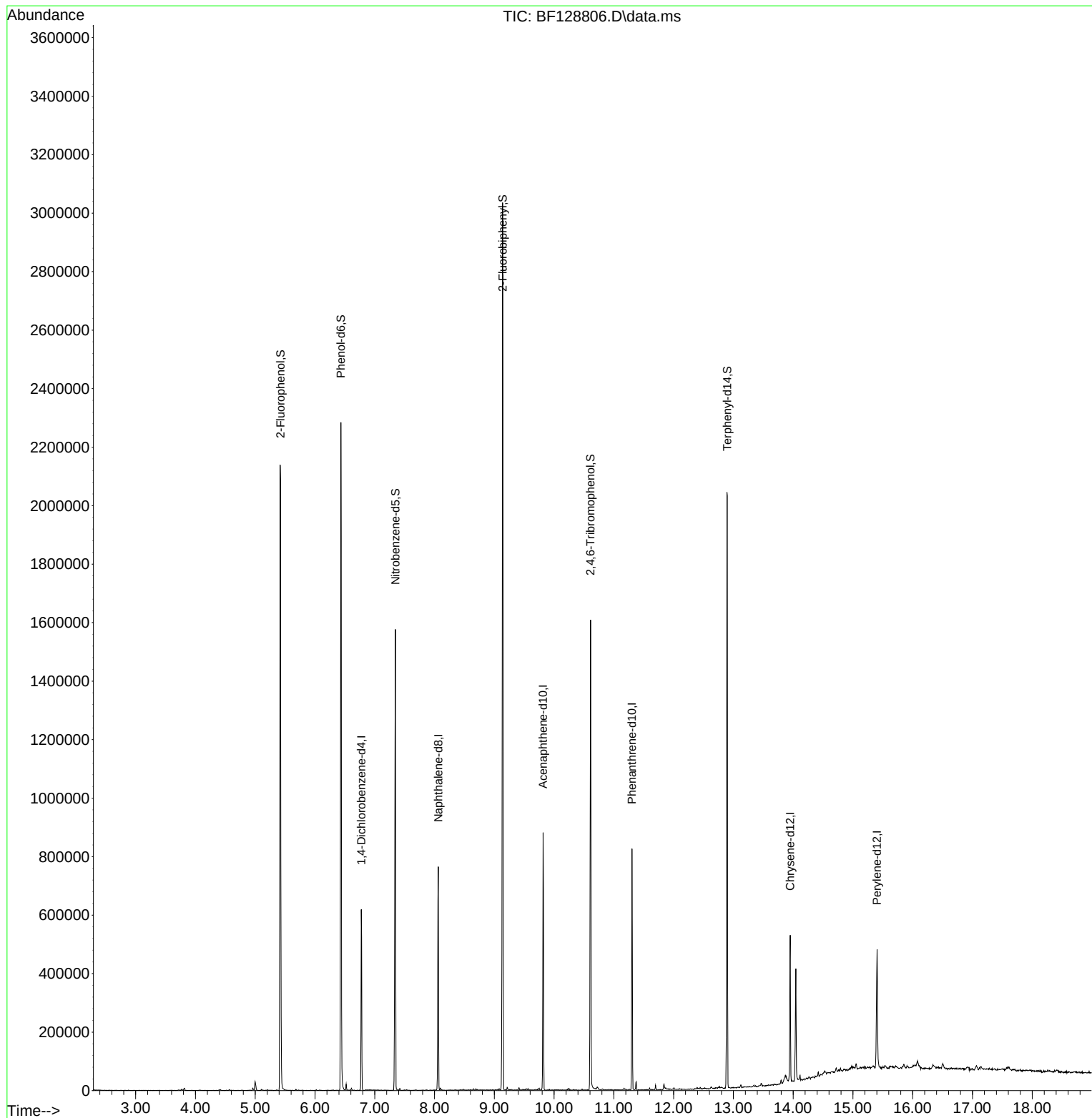
Target Compounds	Qvalue

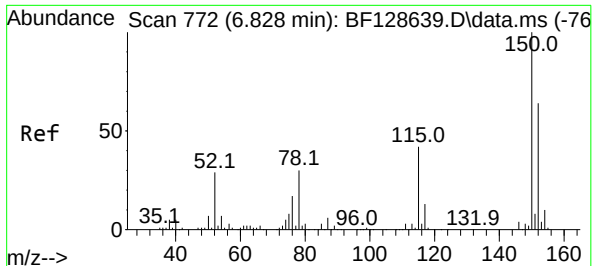
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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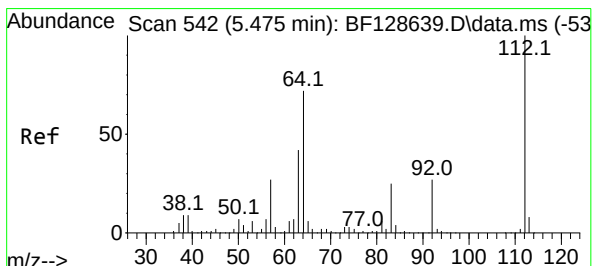
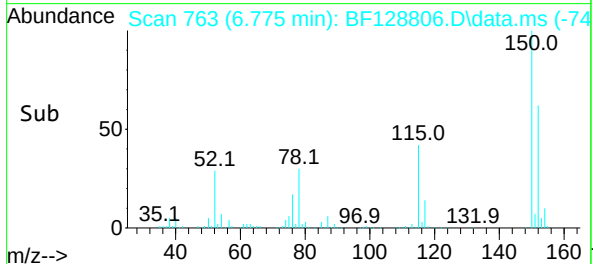
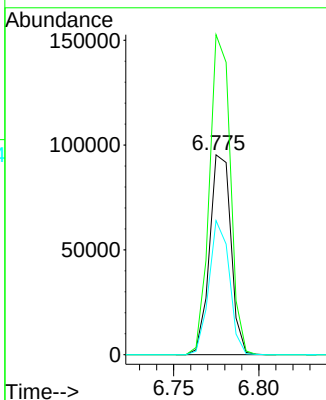
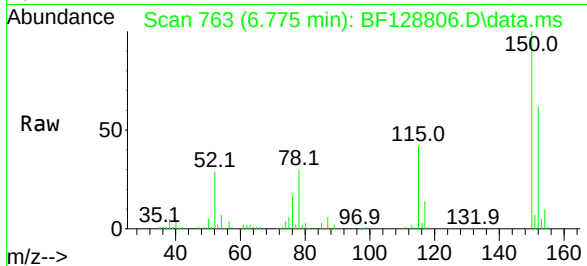




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.775 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

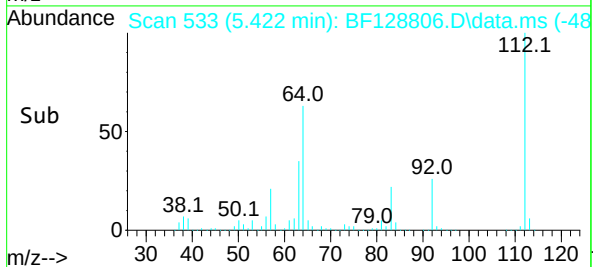
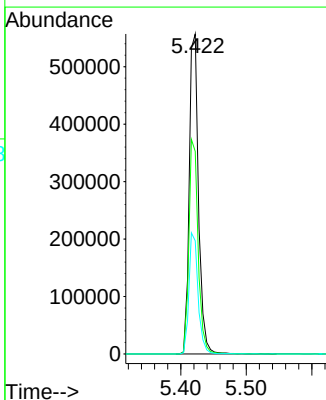
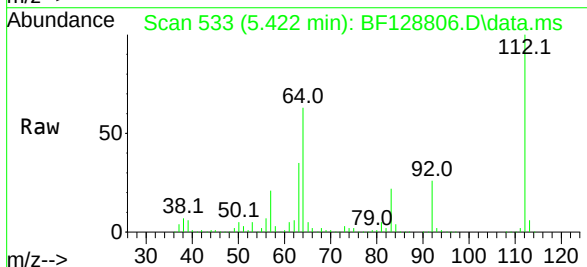
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-3

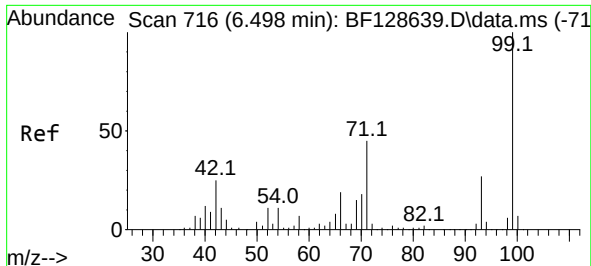
Tgt Ion:152 Resp: 82970
Ion Ratio Lower Upper
152 100
150 160.2 123.7 185.5
115 67.1 49.9 74.9



#5
2-Fluorophenol
Concen: 105.276 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

Tgt Ion:112 Resp: 548377
Ion Ratio Lower Upper
112 100
64 63.3 53.3 79.9
63 35.4 28.0 42.0

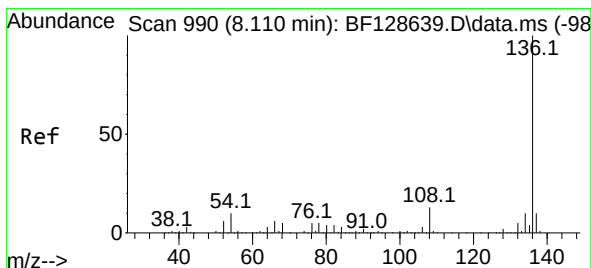
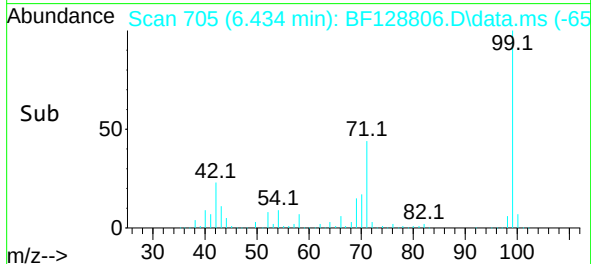
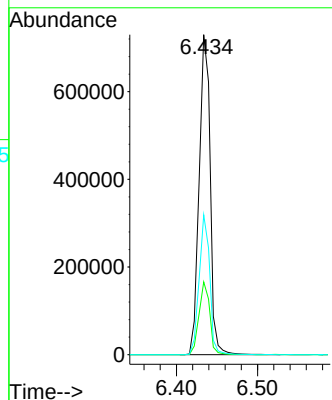
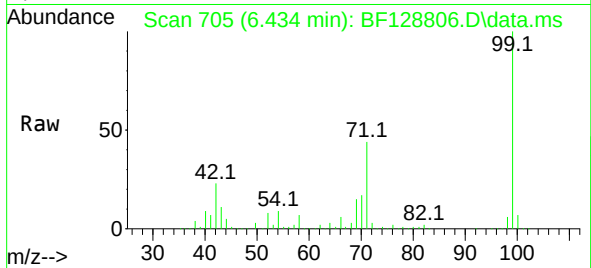




#7
Phenol-d6
Concen: 108.738 ng
RT: 6.434 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

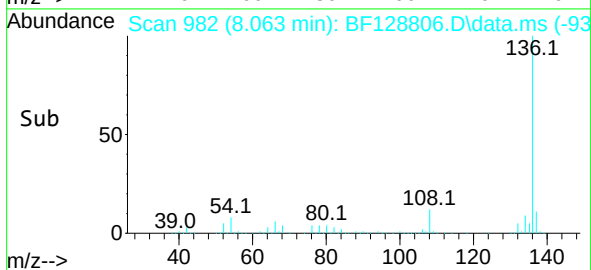
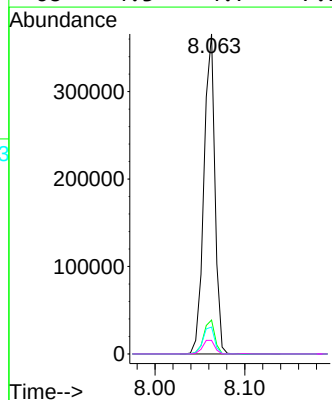
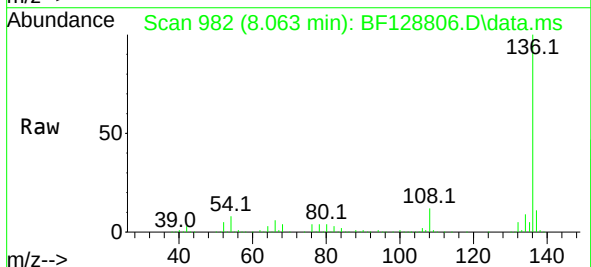
Instrument :
BNA_F
ClientSampleId :
PALMYRA-RT-73-COMP-3

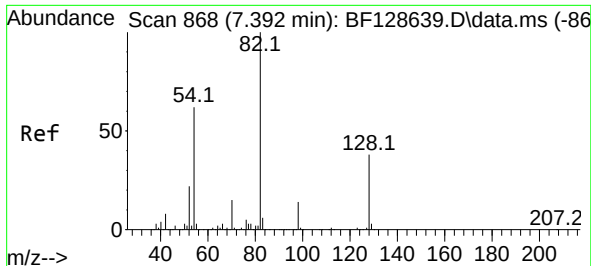
Tgt Ion: 99 Resp: 691401
Ion Ratio Lower Upper
99 100
42 22.7 17.3 25.9
71 43.7 28.9 43.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF128806.D
Acq: 14 Jun 2022 18:14

Tgt Ion: 136 Resp: 311005
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.4 7.5 11.3
68 4.3 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 72.386 ng

RT: 7.345 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF128806.D

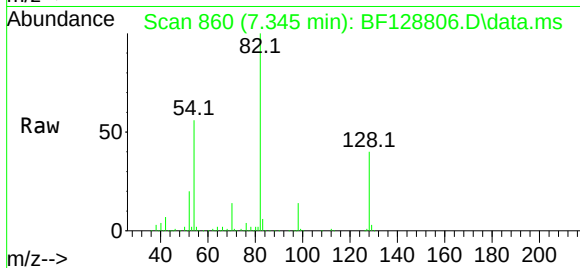
Acq: 14 Jun 2022 18:14

Instrument :

BNA_F

ClientSampleId :

PALMYRA-RT-73-COMP-3



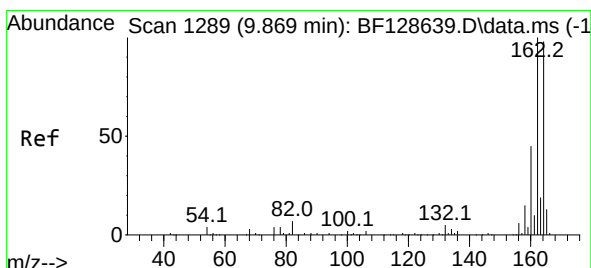
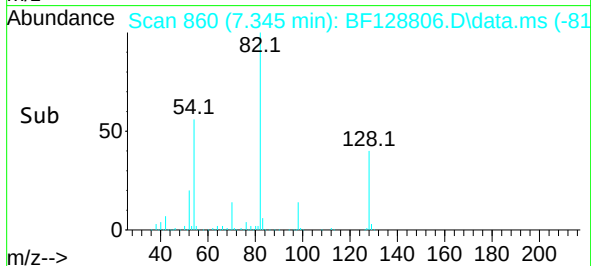
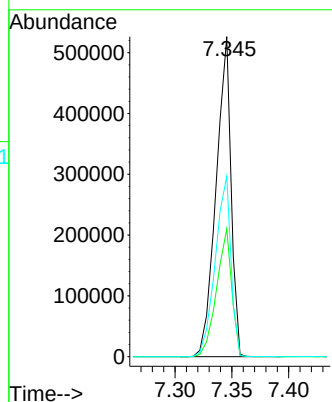
Tgt Ion: 82 Resp: 483531

Ion Ratio Lower Upper

82 100

128 39.9 34.0 51.0

54 56.4 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1280

Delta R.T. -0.012 min

Lab File: BF128806.D

Acq: 14 Jun 2022 18:14

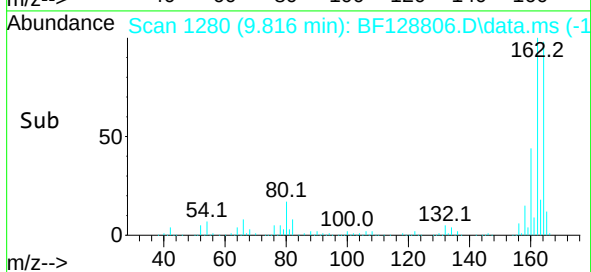
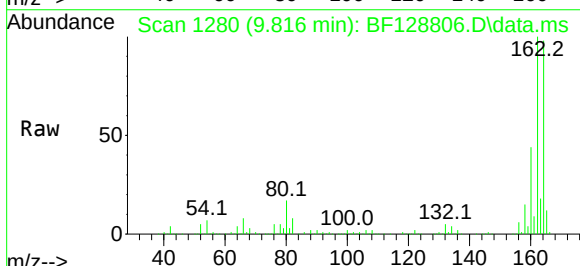
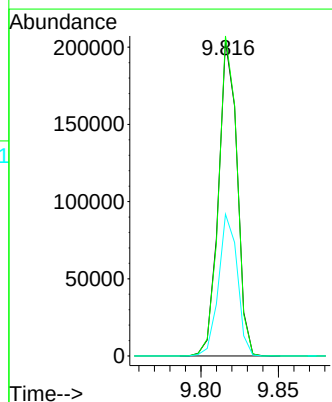
Tgt Ion: 164 Resp: 170651

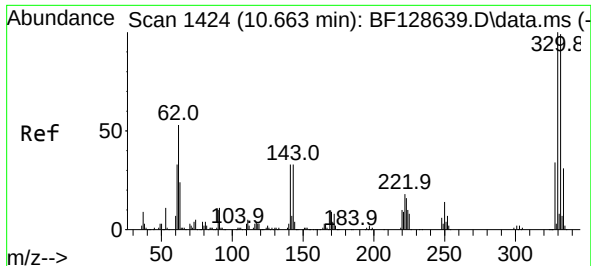
Ion Ratio Lower Upper

164 100

162 101.6 79.5 119.3

160 45.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 89.325 ng

RT: 10.610 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF128806.D

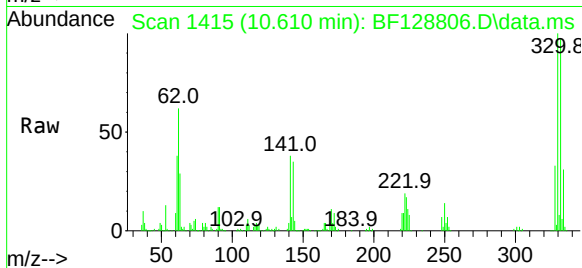
Acq: 14 Jun 2022 18:14

Instrument :

BNA_F

ClientSampleId :

PALMYRA-RT-73-COMP-3



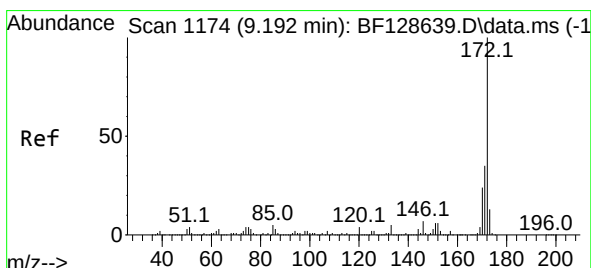
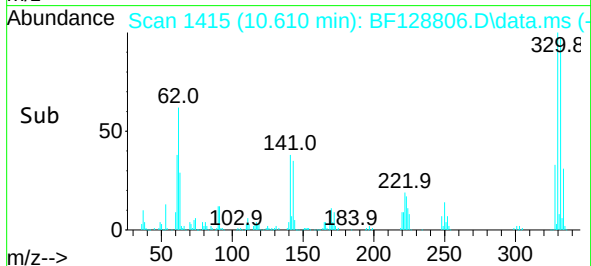
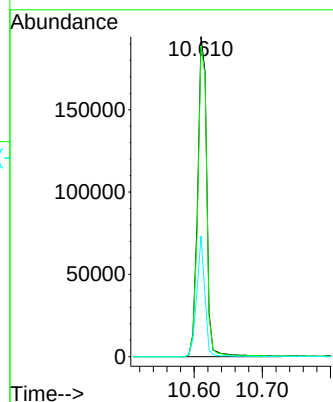
Tgt Ion:330 Resp: 180108

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 33.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 76.022 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BF128806.D

Acq: 14 Jun 2022 18:14

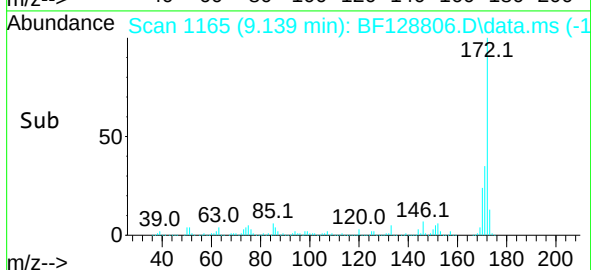
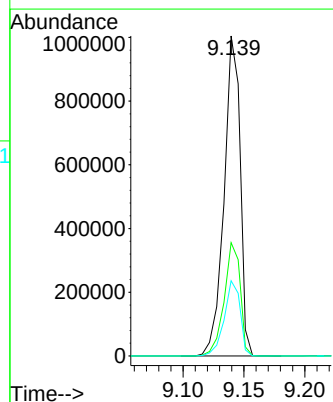
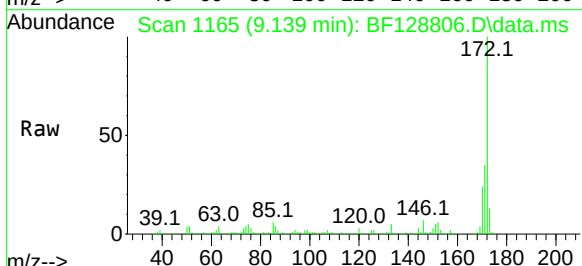
Tgt Ion:172 Resp: 926132

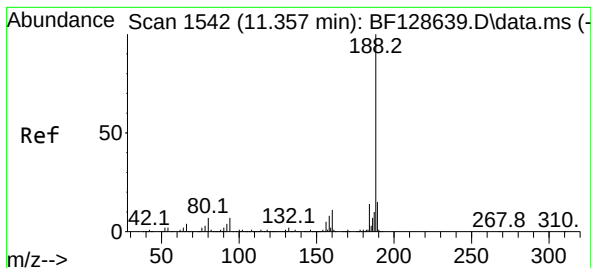
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.5 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128806.D

Acq: 14 Jun 2022 18:14

Instrument :

BNA_F

ClientSampleId :

PALMYRA-RT-73-COMP-3

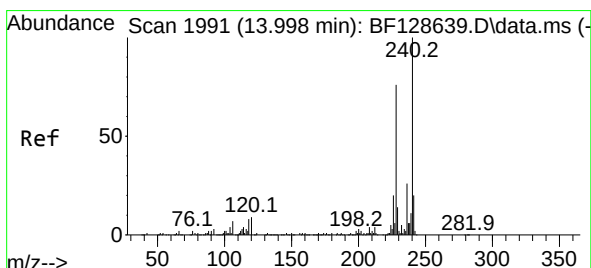
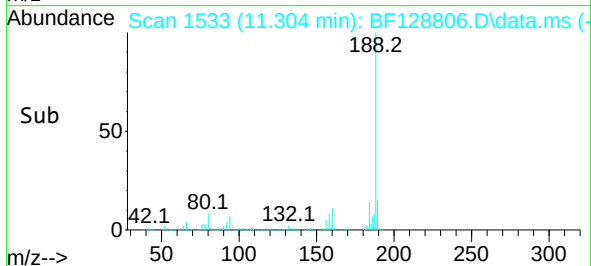
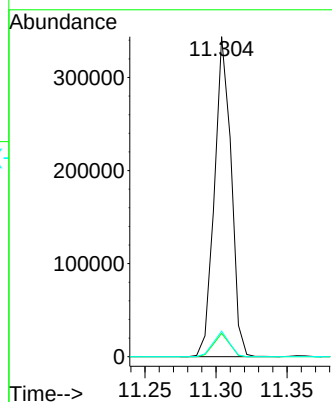
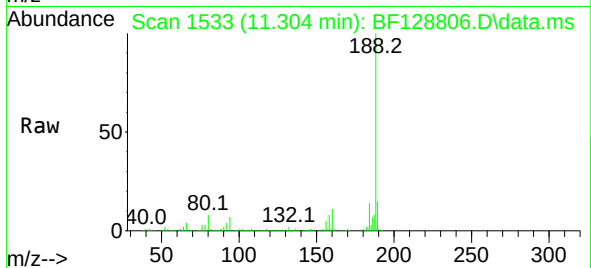
Tgt Ion:188 Resp: 280582

Ion Ratio Lower Upper

188 100

94 7.3 7.0 10.6

80 8.0 7.6 11.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.951 min Scan# 1983

Delta R.T. -0.012 min

Lab File: BF128806.D

Acq: 14 Jun 2022 18:14

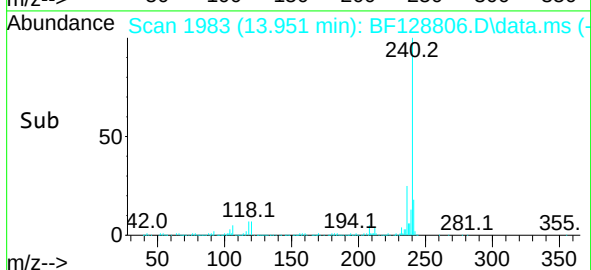
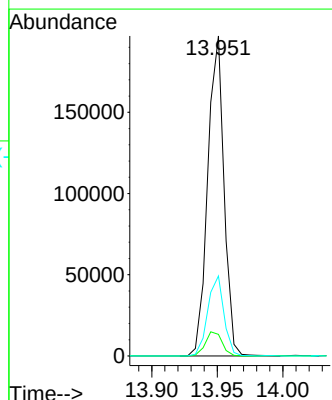
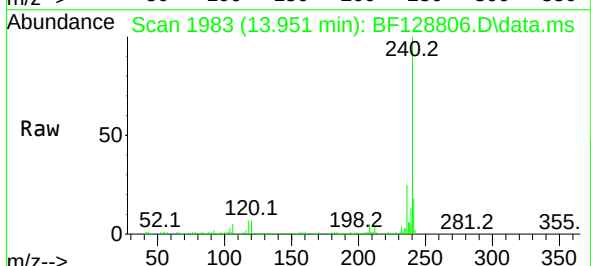
Tgt Ion:240 Resp: 170404

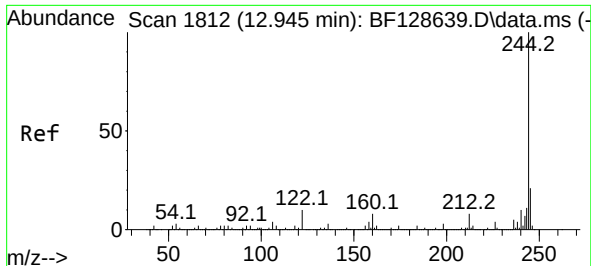
Ion Ratio Lower Upper

240 100

120 6.8 8.9 13.3#

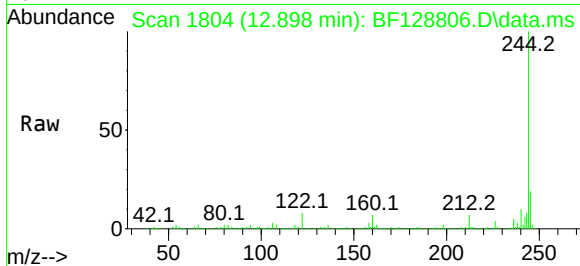
236 25.0 20.8 31.2



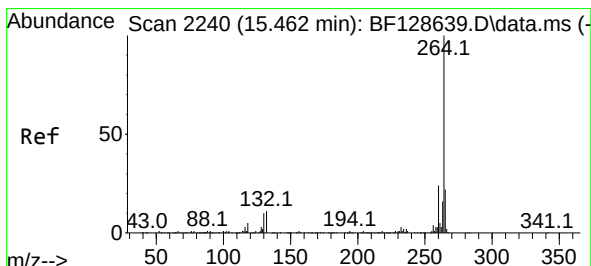
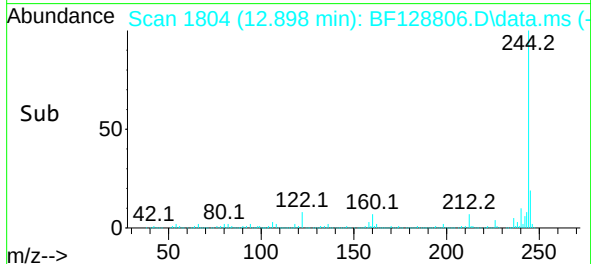
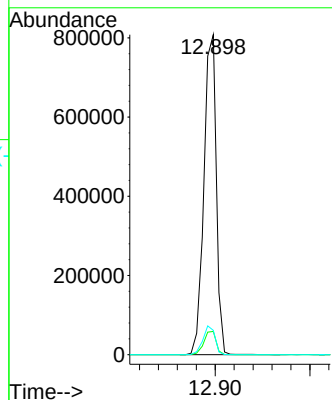


#79
 Terphenyl-d14
 Concen: 75.085 ng
 RT: 12.898 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128806.D
 Acq: 14 Jun 2022 18:14

Instrument :
 BNA_F
 ClientSampleId :
 PALMYRA-RT-73-COMP-3



Tgt Ion:244 Resp: 736337
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 7.6 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. -0.012 min
 Lab File: BF128806.D
 Acq: 14 Jun 2022 18:14

Tgt Ion:264 Resp: 178001
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.4 27.6
 265 21.3 17.2 25.8

