

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121721\
 Data File : BP008476.D
 Acq On : 17 Dec 2021 17:53
 Operator : CG/JU
 Sample : M5084-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C2

Quant Time: Dec 18 07:13:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 18 06:49:58 2021
 Response via : Initial Calibration

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

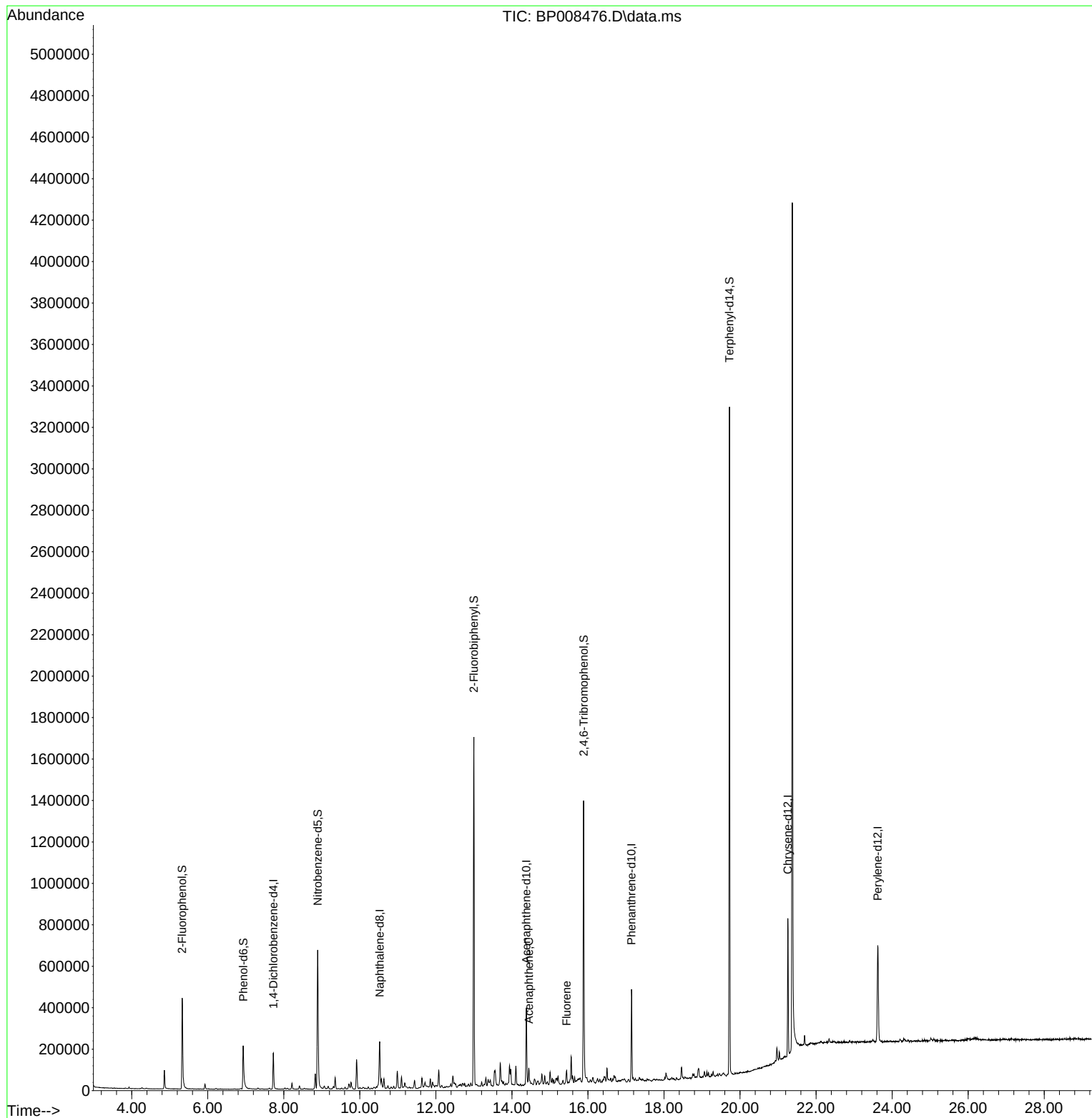
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	47280	20.000	ng	0.00
21) Naphthalene-d8	10.522	136	175548	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	119387	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	260884	20.000	ng	0.00
76) Chrysene-d12	21.257	240	323269	20.000	ng	0.00
86) Perylene-d12	23.621	264	383899	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	202439	67.618	ng	0.00
7) Phenol-d6	6.934	99	152146	37.839	ng	0.00
23) Nitrobenzene-d5	8.893	82	394325	95.162	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	271358	154.665	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	850305	90.538	ng	0.00
79) Terphenyl-d14	19.722	244	1472020	79.249	ng	0.00
Target Compounds						
52) Acenaphthene	14.445	154	24216	3.764	ng	99
58) Fluorene	15.439	166	25637	3.022	ng	# 97

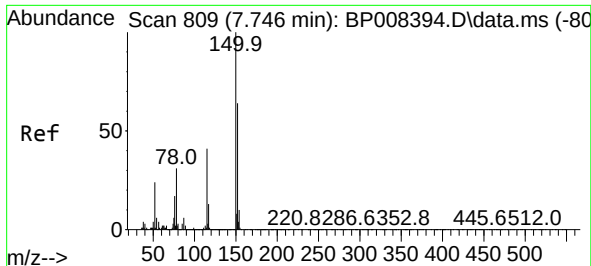
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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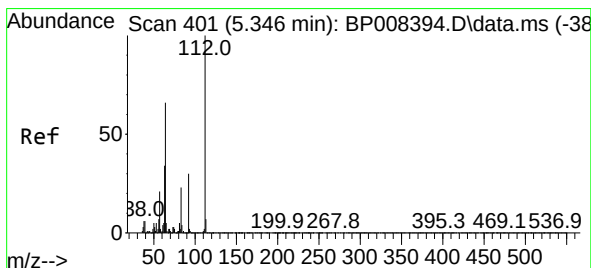
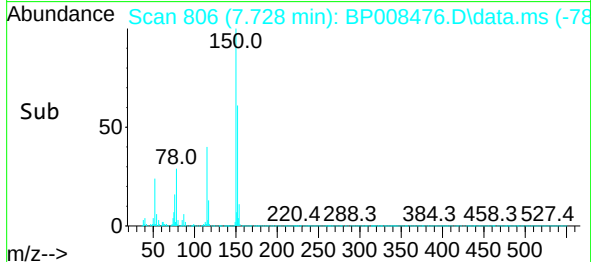
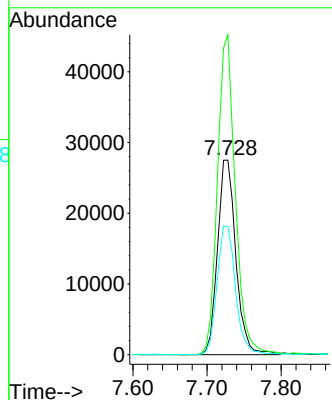
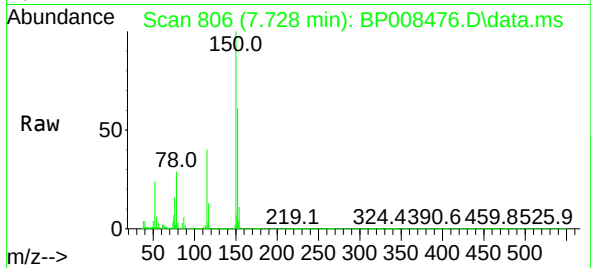




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.728 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

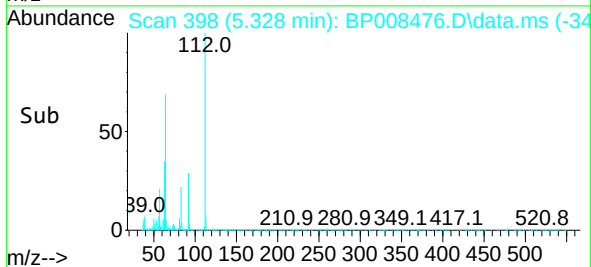
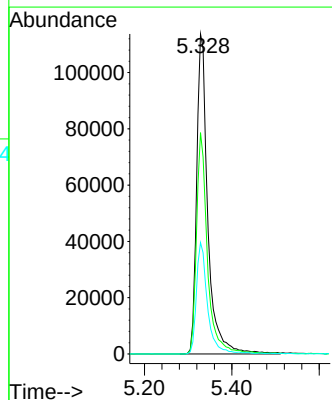
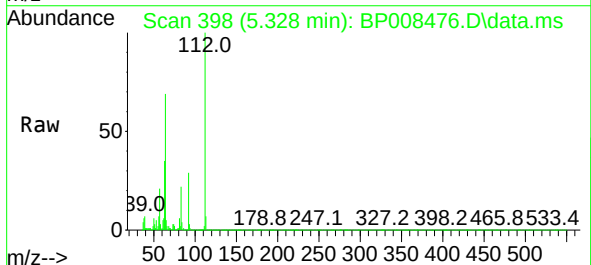
Instrument :
BNA_P
ClientSampleId :
C2

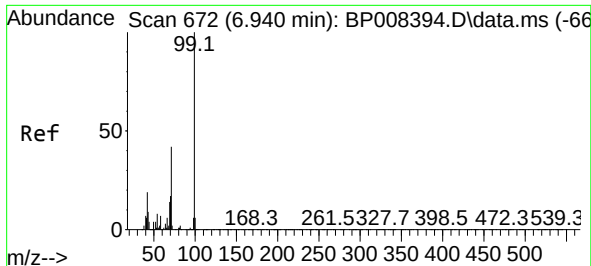
Tgt Ion:152 Resp: 47280
Ion Ratio Lower Upper
152 100
150 164.4 125.7 188.5
115 65.8 50.7 76.1



#5
2-Fluorophenol
Concen: 67.618 ng
RT: 5.328 min Scan# 398
Delta R.T. -0.000 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

Tgt Ion:112 Resp: 202439
Ion Ratio Lower Upper
112 100
64 69.1 53.4 80.2
63 34.8 27.8 41.8





#7

Phenol-d6

Concen: 37.839 ng

RT: 6.934 min Scan# 61

Delta R.T. 0.006 min

Lab File: BP008476.D

Acq: 17 Dec 2021 17:53

Instrument :

BNA_P

ClientSampleId :

C2

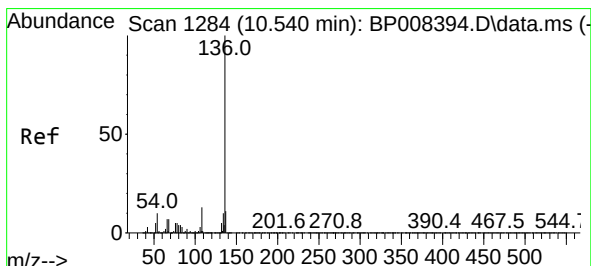
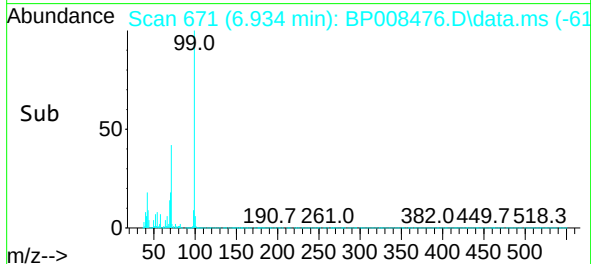
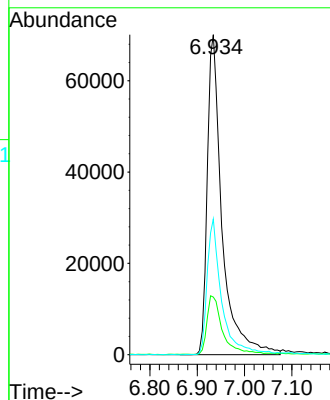
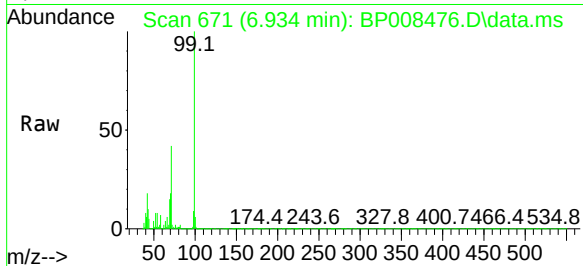
Tgt Ion: 99 Resp: 152146

Ion Ratio Lower Upper

99 100

42 18.0 14.6 22.0

71 42.4 31.1 46.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.522 min Scan# 1281

Delta R.T. -0.000 min

Lab File: BP008476.D

Acq: 17 Dec 2021 17:53

Tgt Ion:136 Resp: 175548

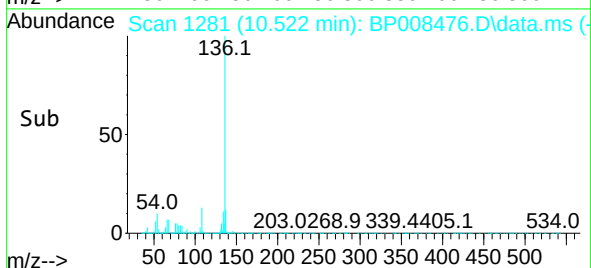
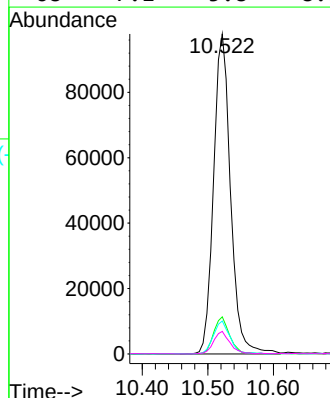
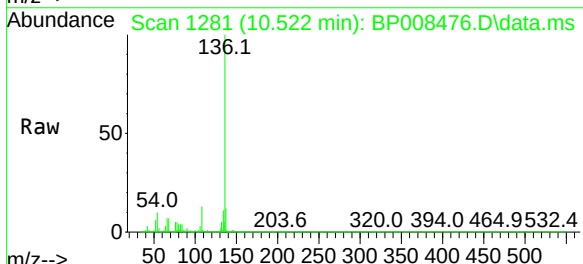
Ion Ratio Lower Upper

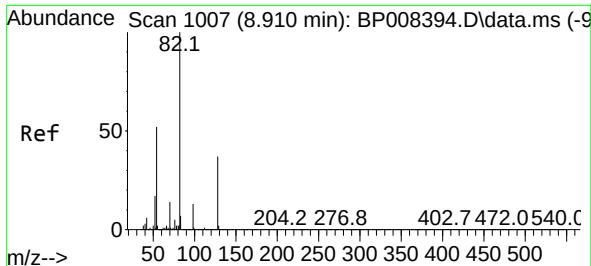
136 100

137 11.6 9.0 13.6

54 10.3 8.2 12.4

68 7.1 5.8 8.8





#23

Nitrobenzene-d5

Concen: 95.162 ng

RT: 8.893 min Scan# 1004

Delta R.T. -0.006 min

Lab File: BP008476.D

Acq: 17 Dec 2021 17:53

Instrument :

BNA_P

ClientSampleId :

C2

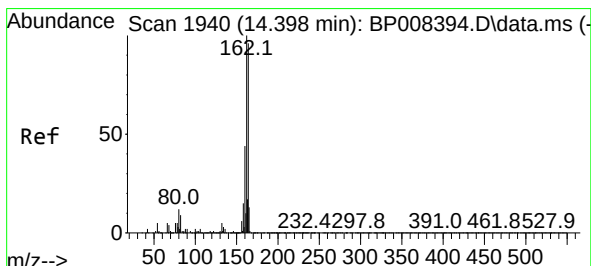
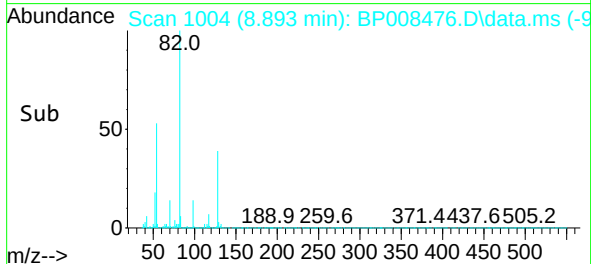
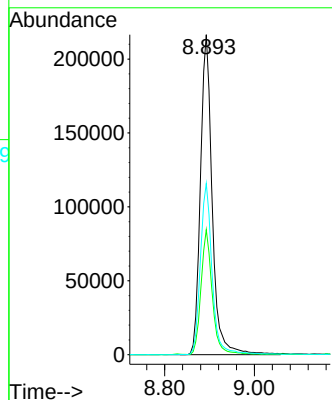
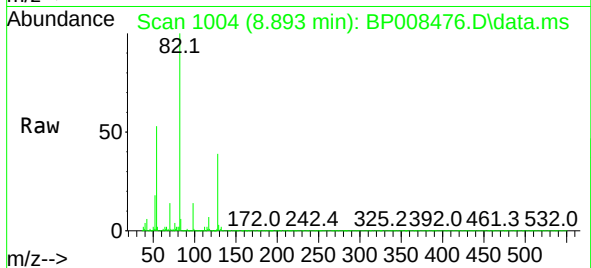
Tgt Ion: 82 Resp: 394325

Ion Ratio Lower Upper

82 100

128 39.0 29.6 44.4

54 53.5 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.381 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BP008476.D

Acq: 17 Dec 2021 17:53

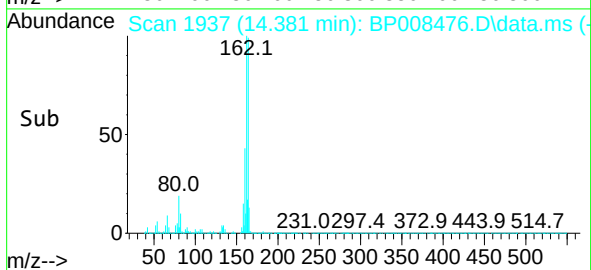
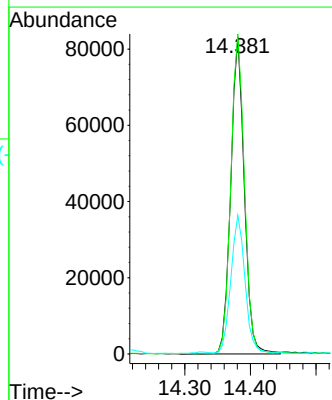
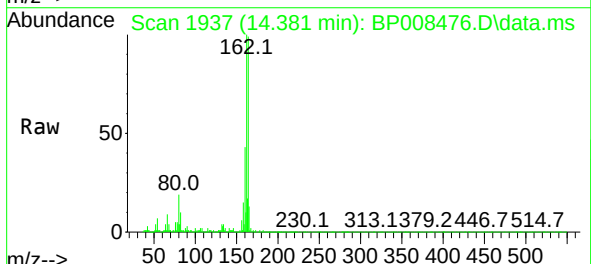
Tgt Ion: 164 Resp: 119387

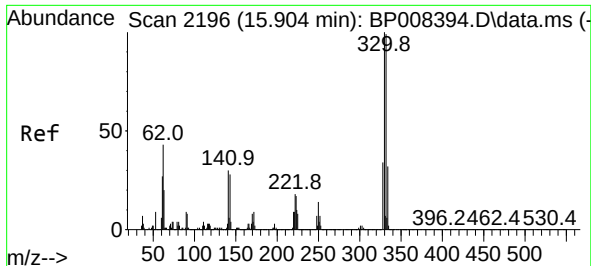
Ion Ratio Lower Upper

164 100

162 100.9 81.9 122.9

160 43.7 35.4 53.0

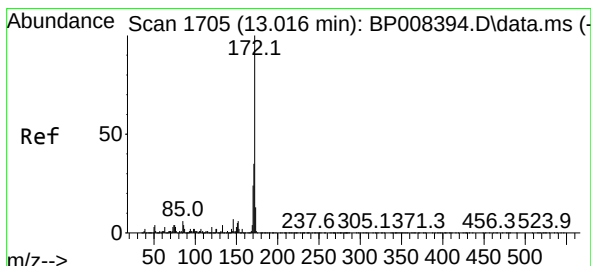
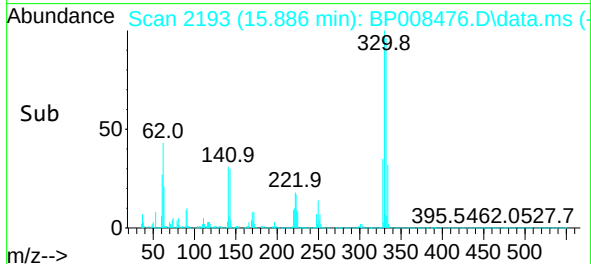
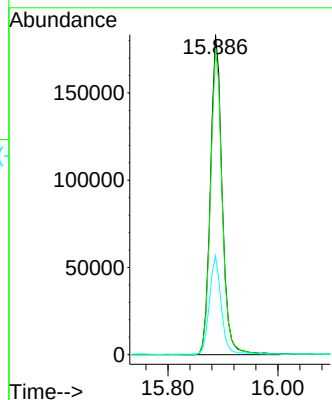
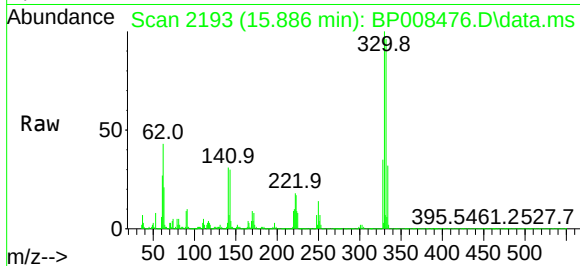




#42
2,4,6-Tribromophenol
Concen: 154.665 ng
RT: 15.886 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

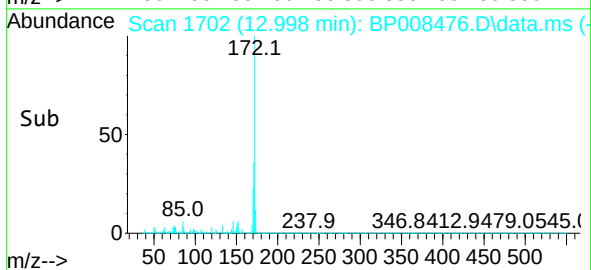
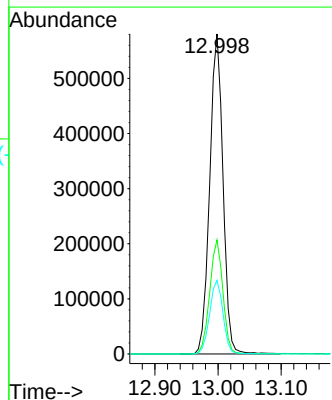
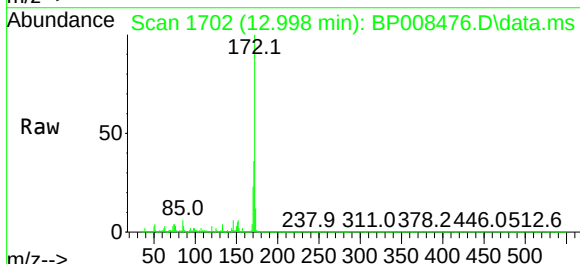
Instrument :
BNA_P
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C2

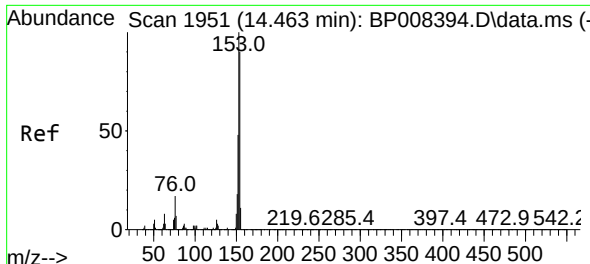
Tgt Ion:330 Resp: 271358
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 30.8 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 90.538 ng
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

Tgt Ion:172 Resp: 850305
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.0 18.9 28.3

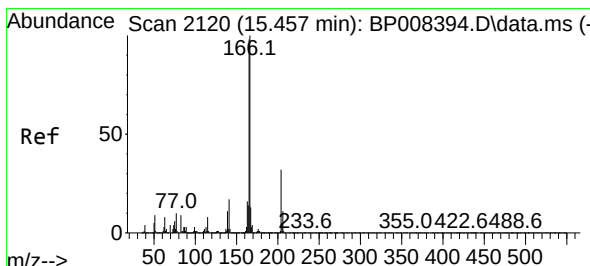
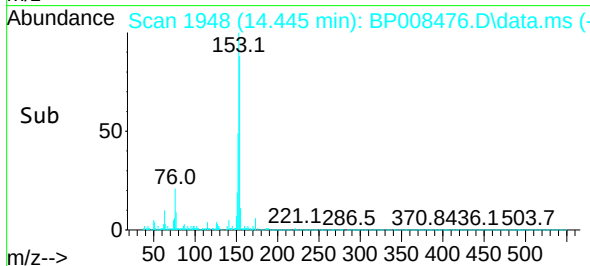
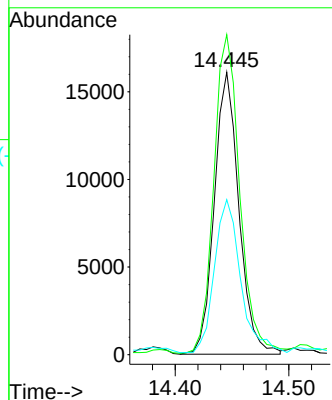
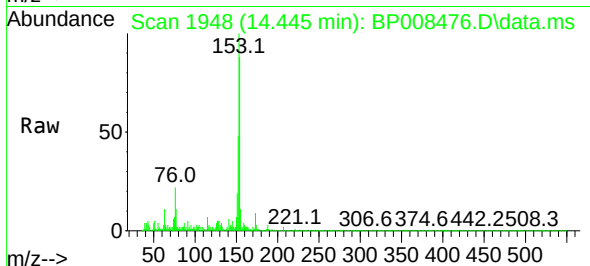




#52
Acenaphthene
Concen: 3.764 ng
RT: 14.445 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

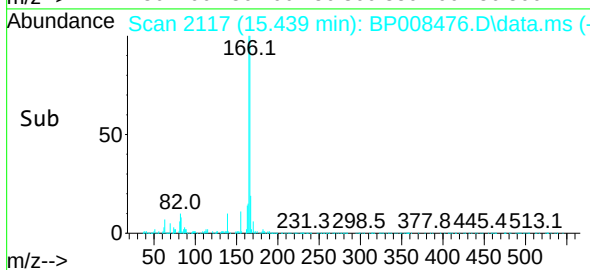
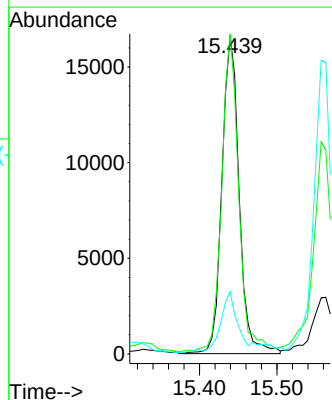
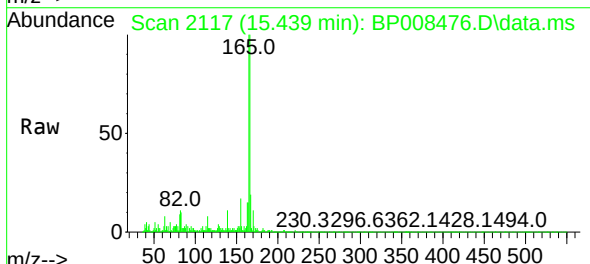
Instrument :
BNA_P
ClientSampleId :
C2

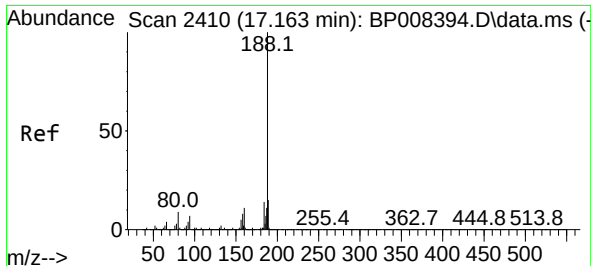
Tgt Ion:154 Resp: 24216
Ion Ratio Lower Upper
154 100
153 113.3 90.3 135.5
152 54.9 43.3 64.9



#58
Fluorene
Concen: 3.022 ng
RT: 15.439 min Scan# 2117
Delta R.T. -0.000 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

Tgt Ion:166 Resp: 25637
Ion Ratio Lower Upper
166 100
165 100.5 79.4 119.2
167 19.5 10.9 16.3#

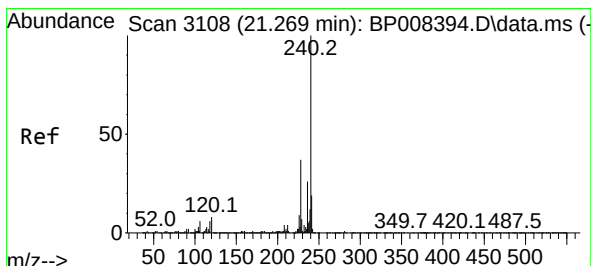
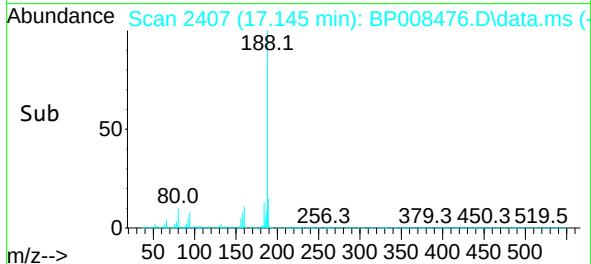
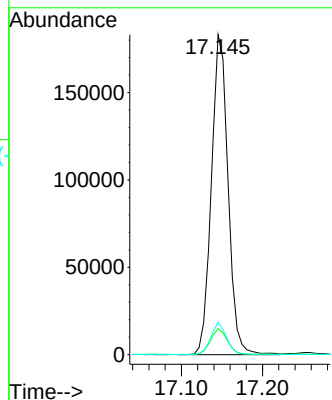
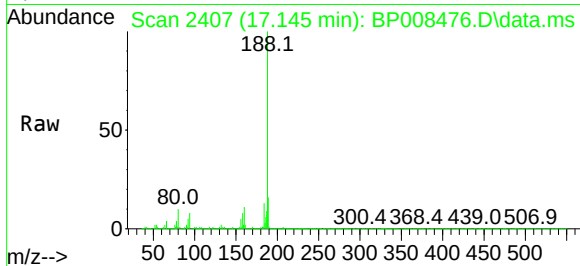




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

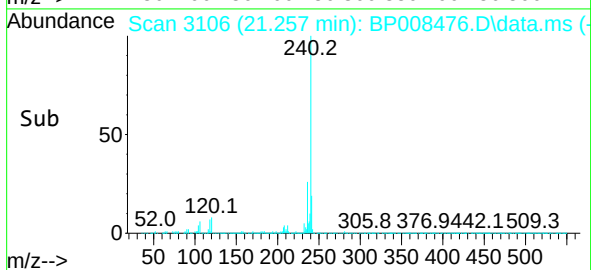
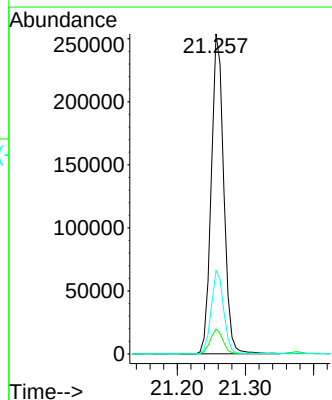
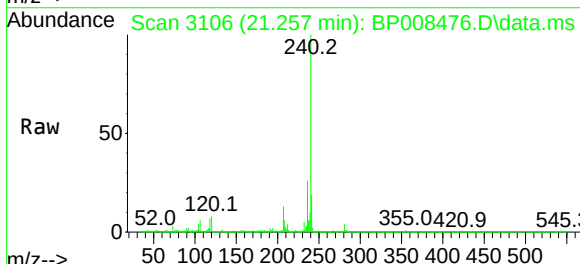
Instrument :
BNA_P
ClientSampleId :
C2

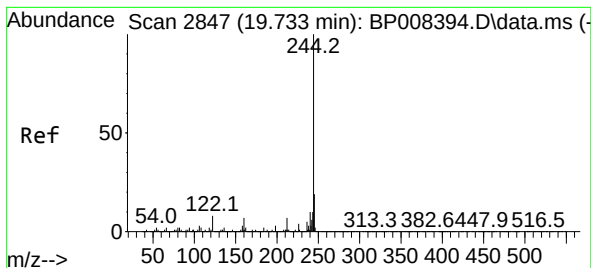
Tgt Ion:188 Resp: 260884
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.257 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP008476.D
Acq: 17 Dec 2021 17:53

Tgt Ion:240 Resp: 323269
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 26.1 21.4 32.2





#79

Terphenyl-d14

Concen: 79.249 ng

RT: 19.722 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP008476.D

Acq: 17 Dec 2021 17:53

Instrument :

BNA_P

ClientSampleId :

C2

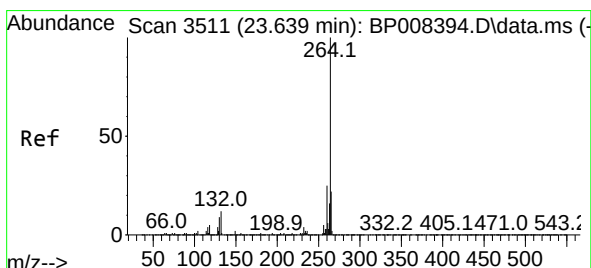
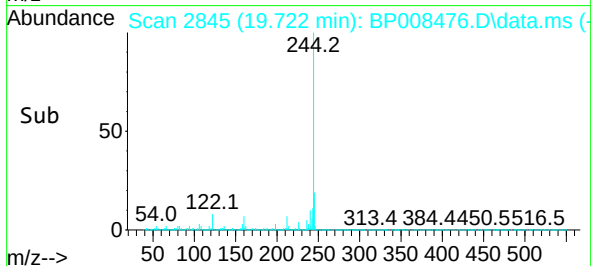
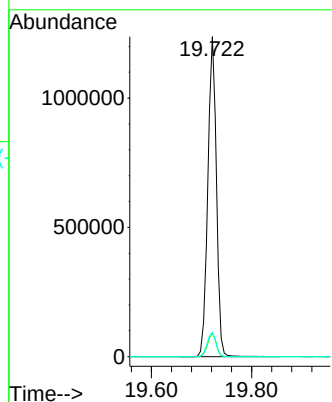
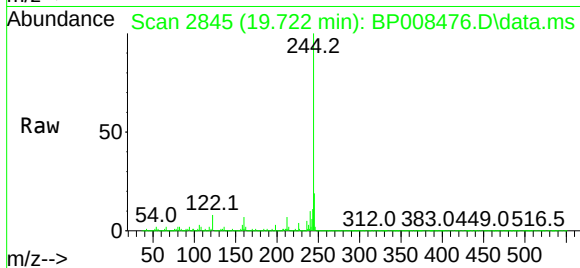
Tgt Ion:244 Resp: 1472020

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 7.7 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.621 min Scan# 3508

Delta R.T. -0.012 min

Lab File: BP008476.D

Acq: 17 Dec 2021 17:53

Tgt Ion:264 Resp: 383899

Ion Ratio Lower Upper

264 100

260 23.7 19.4 29.2

265 22.2 17.6 26.4

