

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111021\
 Data File : BP007929.D
 Acq On : 10 Nov 2021 20:32
 Operator : CG/JU
 Sample : M4578-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FB

Quant Time: Nov 11 10:17:49 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 09 10:45:24 2021
 Response via : Initial Calibration

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

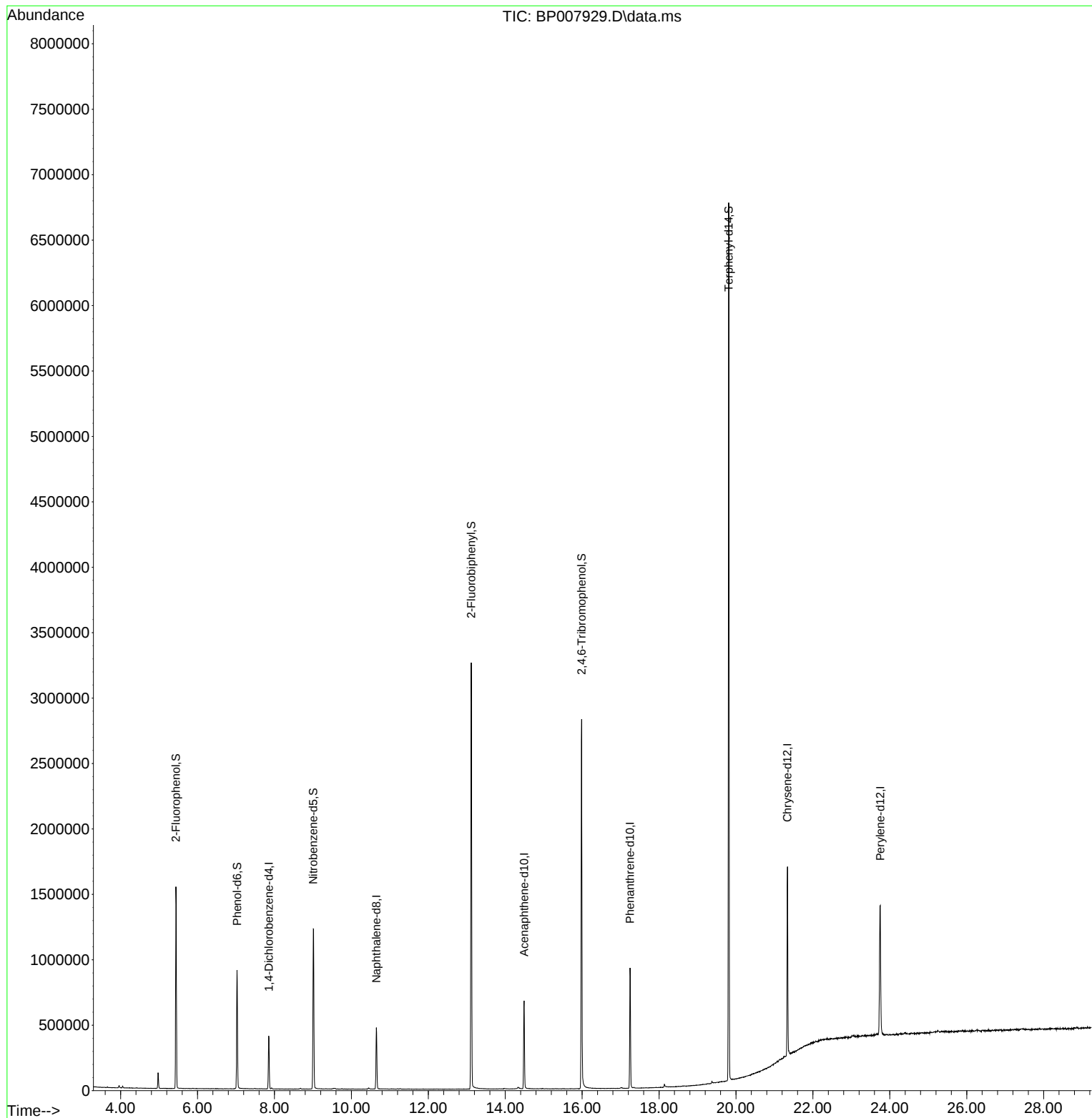
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	112437	20.000	ng	-0.01
21) Naphthalene-d8	10.651	136	380438	20.000	ng	-0.01
39) Acenaphthene-d10	14.492	164	245890	20.000	ng	-0.01
64) Phenanthrene-d10	17.245	188	568694	20.000	ng	-0.01
76) Chrysene-d12	21.339	240	717266	20.000	ng	#-0.01
86) Perylene-d12	23.750	264	812834	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	641057	96.693	ng	0.00
7) Phenol-d6	7.028	99	502579	52.374	ng	-0.01
23) Nitrobenzene-d5	9.010	82	718884	101.505	ng	-0.02
42) 2,4,6-Tribromophenol	15.986	330	592640	168.882	ng	-0.01
45) 2-Fluorobiphenyl	13.116	172	1693070	100.271	ng	-0.01
79) Terphenyl-d14	19.809	244	3281386	93.157	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.346	88	336	Below Cal	Qvalue #	34

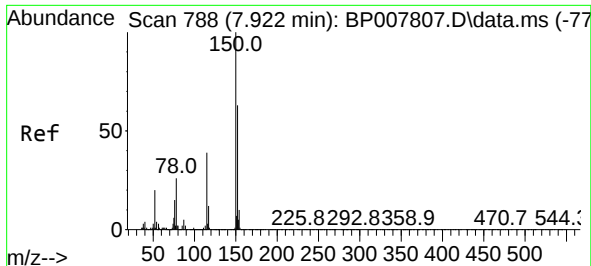
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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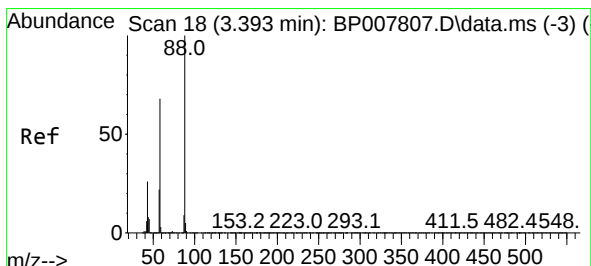
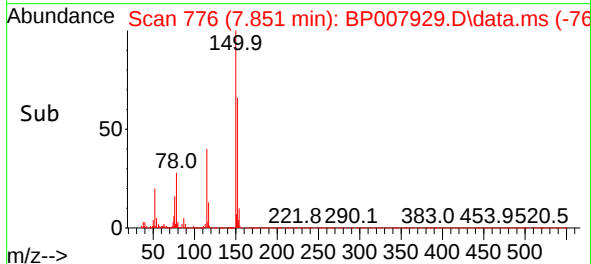
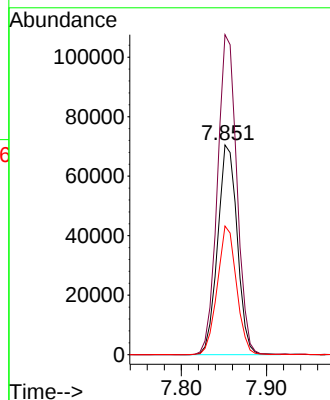
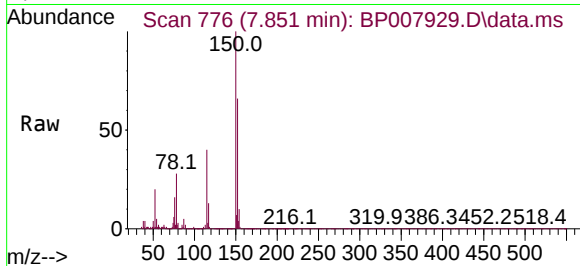




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.851 min Scan# 71
 Delta R.T. -0.013 min
 Lab File: BP007929.D
 Acq: 10 Nov 2021 20:32

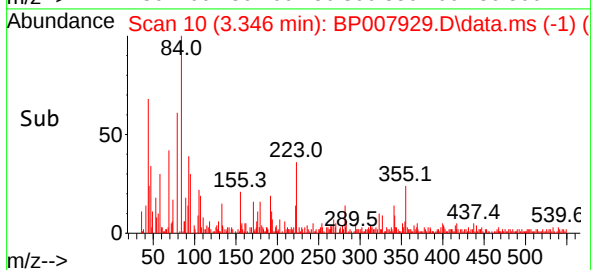
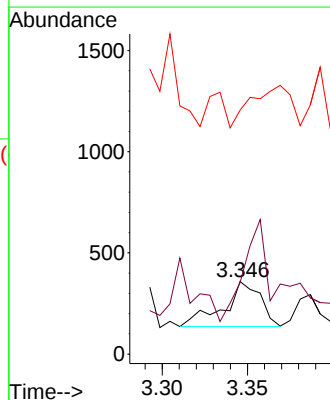
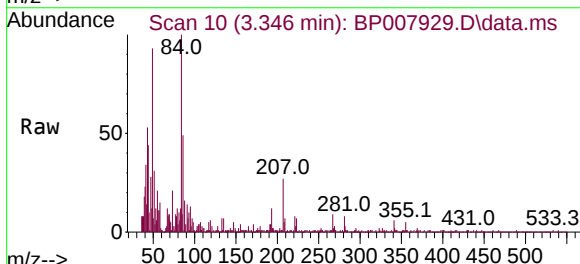
Instrument :
 BNA_P
 ClientSampleId :
 FB

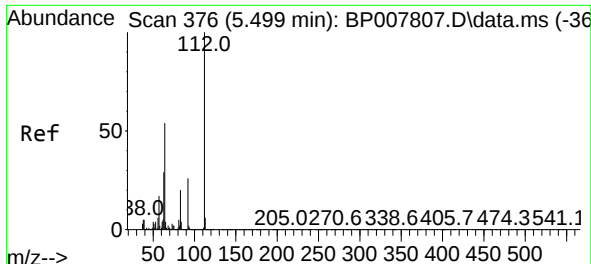
Tgt Ion:152 Resp: 112437
 Ion Ratio Lower Upper
 152 100
 150 152.5 124.1 186.1
 115 61.3 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.346 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BP007929.D
 Acq: 10 Nov 2021 20:32

Tgt Ion: 88 Resp: 336
 Ion Ratio Lower Upper
 88 100
 58 0.0 58.1 87.1#
 43 34.8 22.2 33.4#

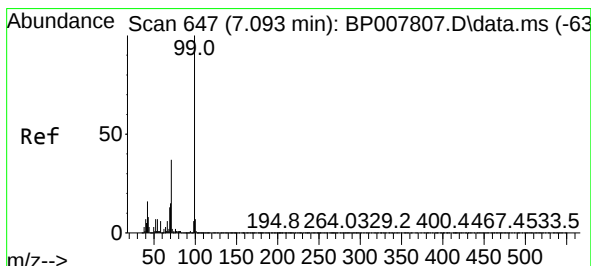
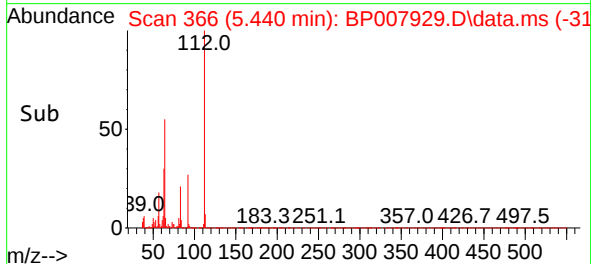
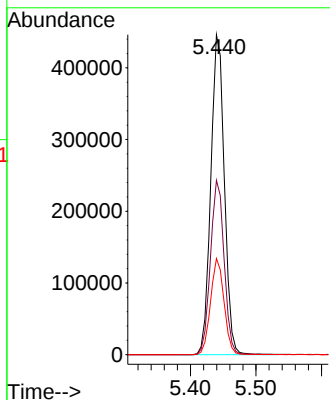
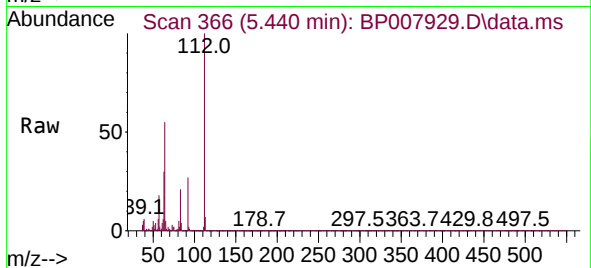




#5
2-Fluorophenol
Concen: 96.693 ng
RT: 5.440 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP007929.D
Acq: 10 Nov 2021 20:32

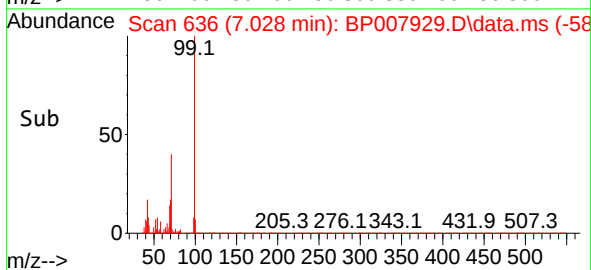
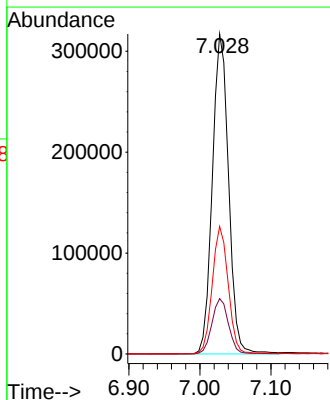
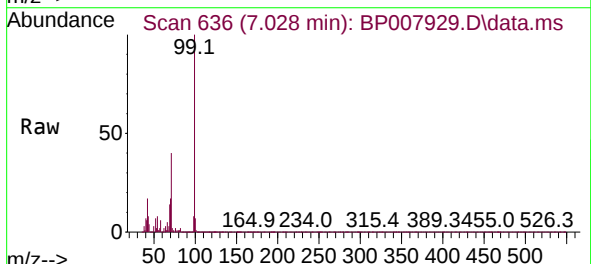
Instrument :
BNA_P
ClientSampleId :
FB

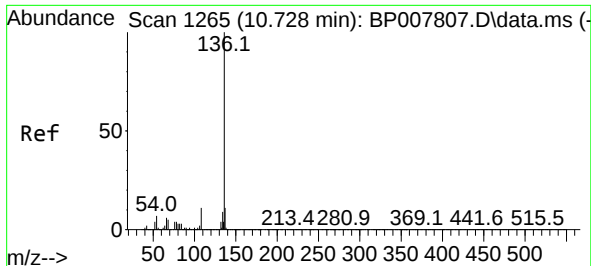
Tgt Ion:112 Resp: 641057
Ion Ratio Lower Upper
112 100
64 54.5 46.6 70.0
63 30.1 25.0 37.6



#7
Phenol-d6
Concen: 52.374 ng
RT: 7.028 min Scan# 636
Delta R.T. -0.012 min
Lab File: BP007929.D
Acq: 10 Nov 2021 20:32

Tgt Ion: 99 Resp: 502579
Ion Ratio Lower Upper
99 100
42 17.3 14.9 22.3
71 39.8 29.2 43.8

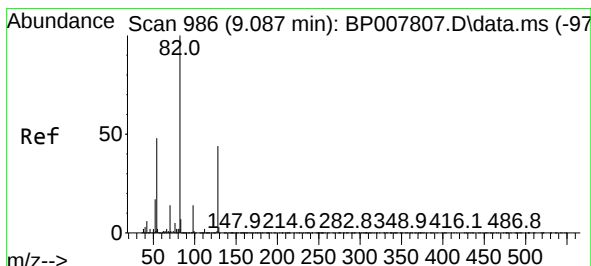
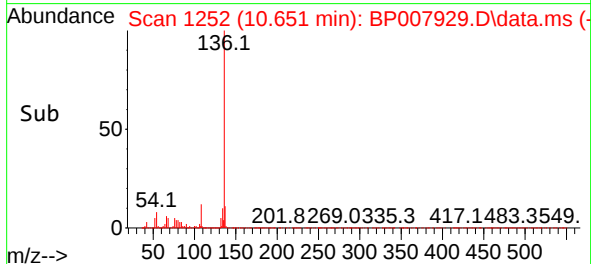
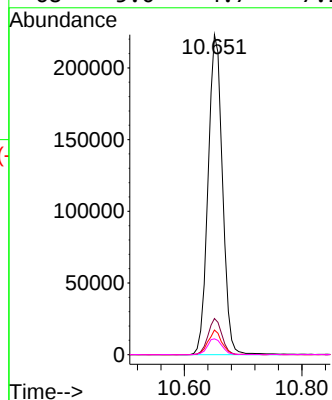
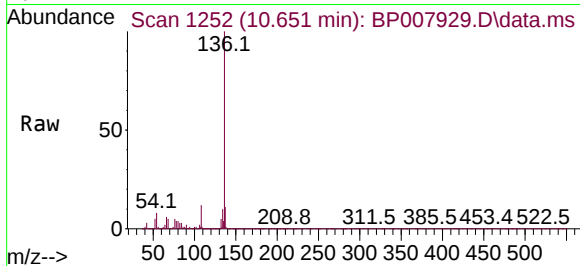




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.651 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP007929.D
Acq: 10 Nov 2021 20:32

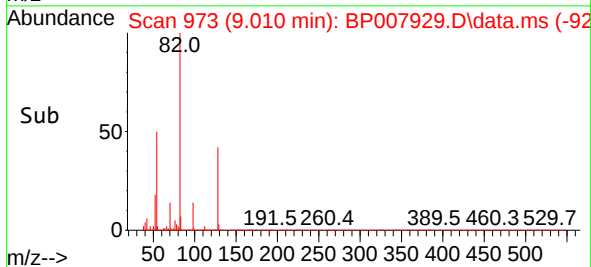
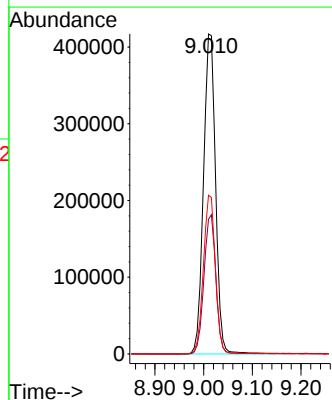
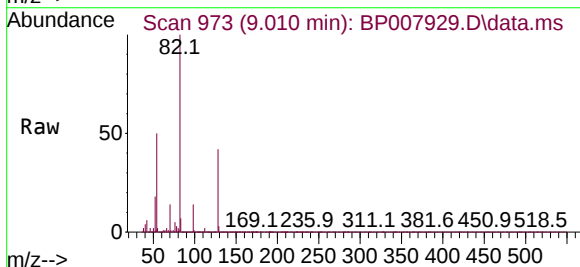
Instrument :
BNA_P
ClientSampleId :
FB

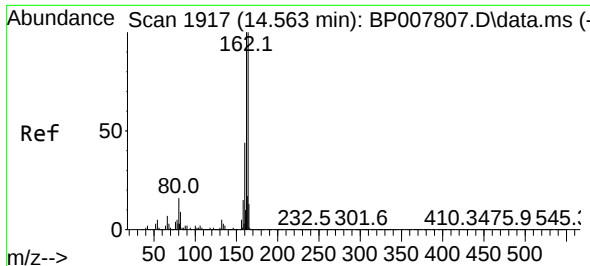
Tgt Ion:	136	Resp:	380438
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	7.7	6.2	9.4
68	5.0	4.7	7.1



#23
Nitrobenzene-d5
Concen: 101.505 ng
RT: 9.010 min Scan# 973
Delta R.T. -0.018 min
Lab File: BP007929.D
Acq: 10 Nov 2021 20:32

Tgt Ion:	82	Resp:	718884
Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.6	48.8
54	49.6	40.4	60.6

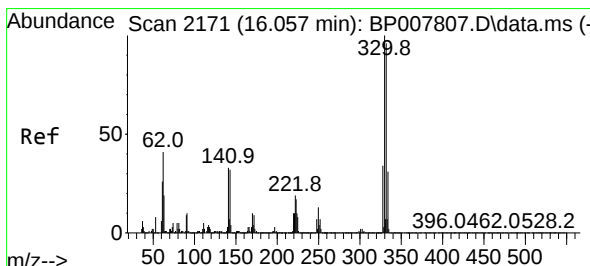
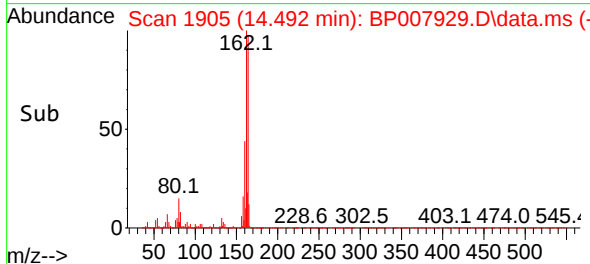
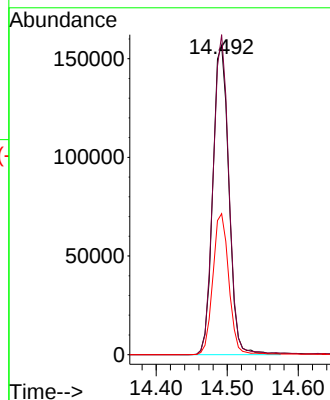
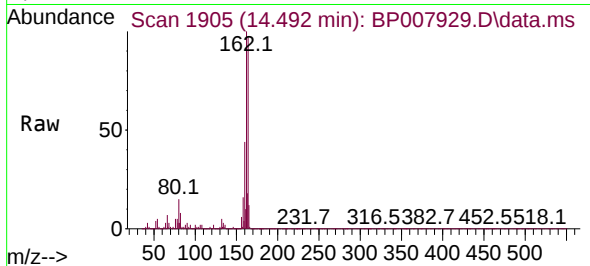




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.492 min Scan# 1917
Delta R.T. -0.012 min
Lab File: BP007929.D
Acq: 10 Nov 2021 20:32

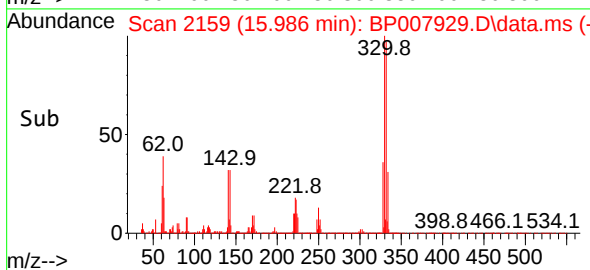
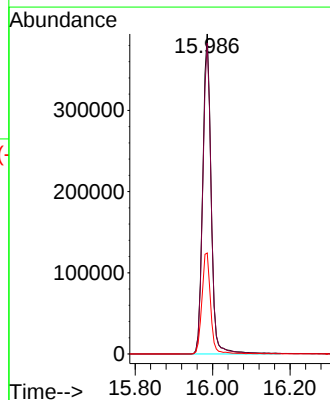
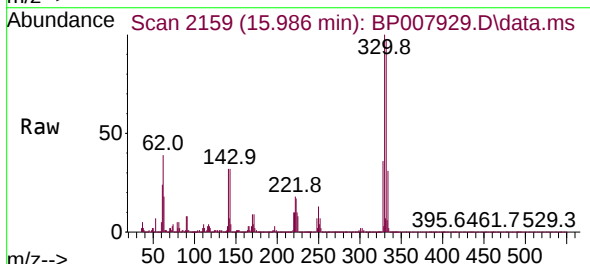
Instrument :
BNA_P
ClientSampleId :
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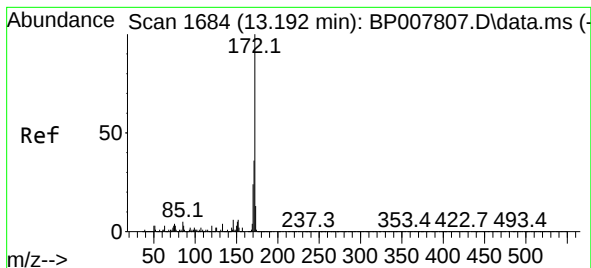
Tgt Ion:164 Resp: 245890
Ion Ratio Lower Upper
164 100
162 103.5 81.1 121.7
160 45.6 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 168.882 ng
RT: 15.986 min Scan# 2159
Delta R.T. -0.012 min
Lab File: BP007929.D
Acq: 10 Nov 2021 20:32

Tgt Ion:330 Resp: 592640
Ion Ratio Lower Upper
330 100
332 97.1 78.9 118.3
141 32.6 30.7 46.1





#45

2-Fluorobiphenyl

Concen: 100.271 ng

RT: 13.116 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP007929.D

Acq: 10 Nov 2021 20:32

Instrument :

BNA_P

ClientSampleId :

FB

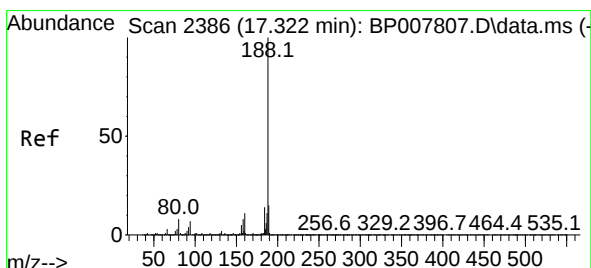
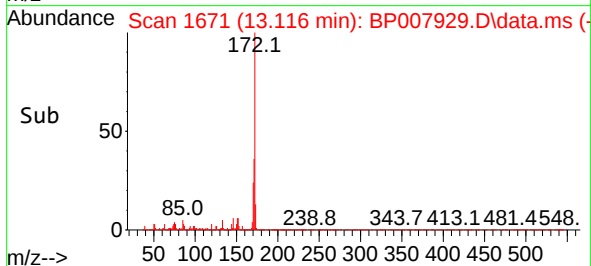
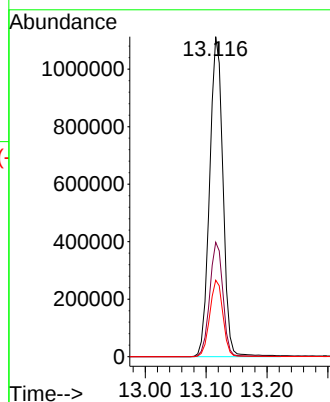
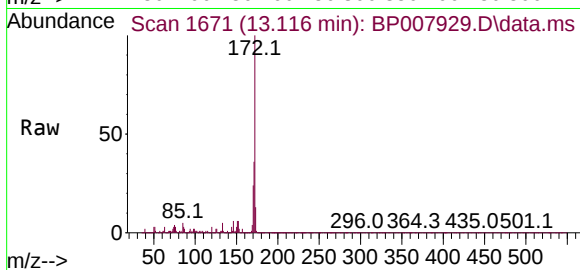
Tgt Ion:172 Resp: 1693070

Ion Ratio Lower Upper

172 100

171 35.7 28.2 42.2

170 23.9 19.0 28.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.245 min Scan# 2373

Delta R.T. -0.012 min

Lab File: BP007929.D

Acq: 10 Nov 2021 20:32

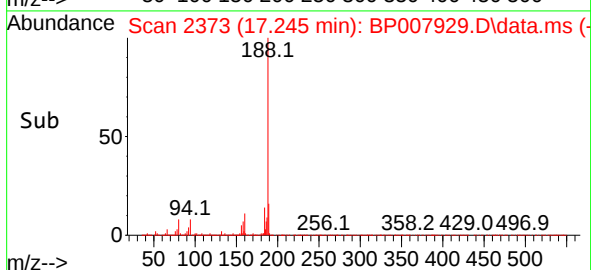
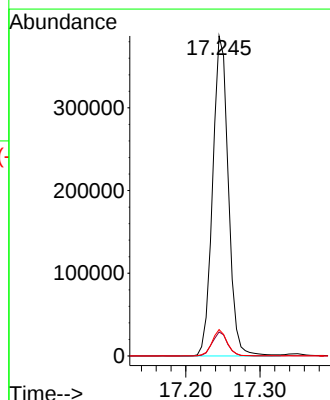
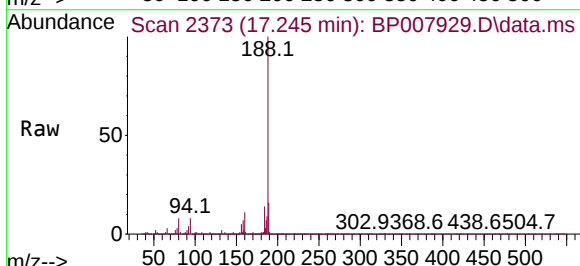
Tgt Ion:188 Resp: 568694

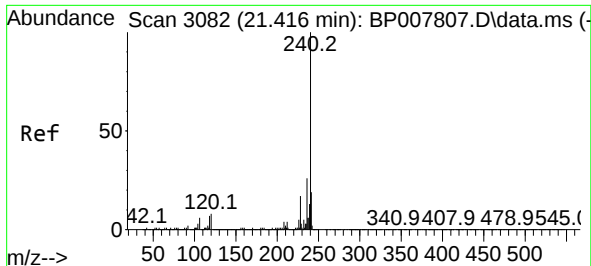
Ion Ratio Lower Upper

188 100

94 7.5 7.1 10.7

80 8.3 7.8 11.6

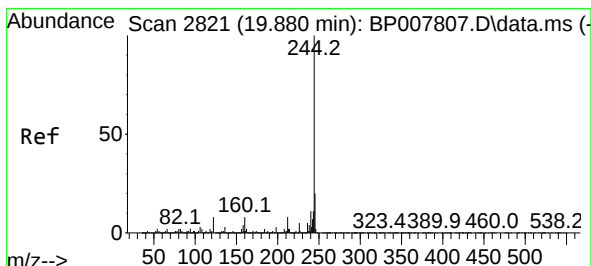
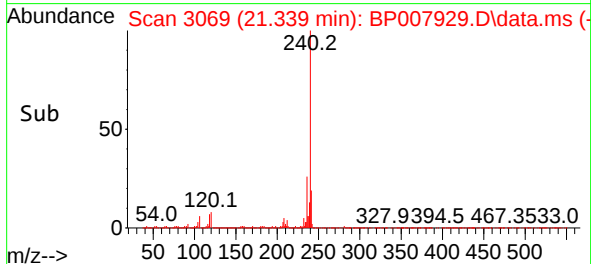
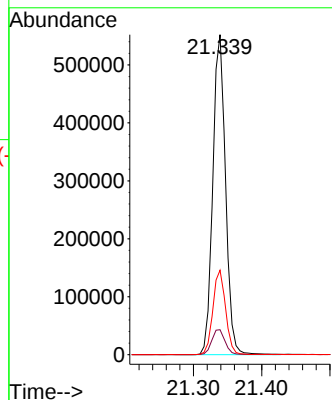
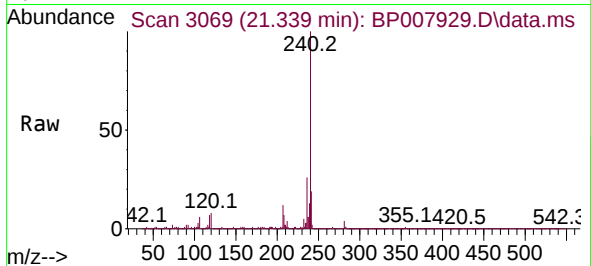




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3082
Delta R.T. -0.012 min
Lab File: BP007929.D
Acq: 10 Nov 2021 20:32

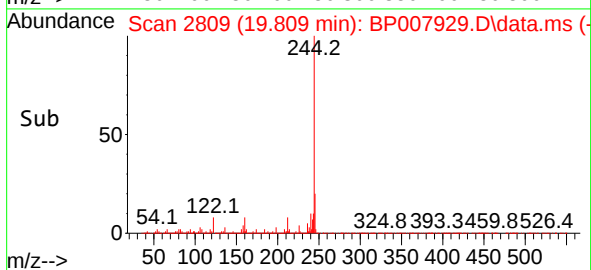
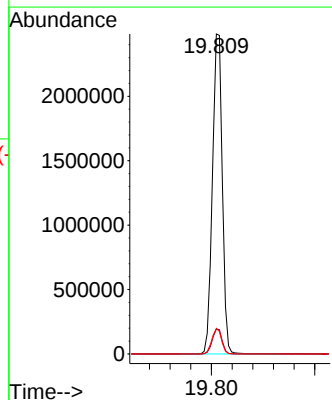
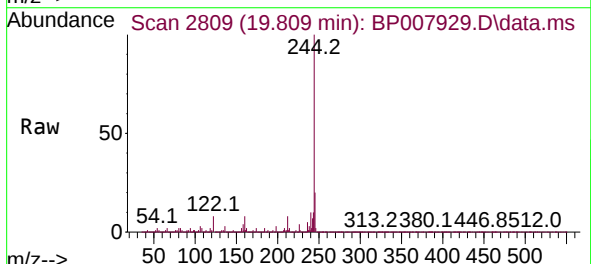
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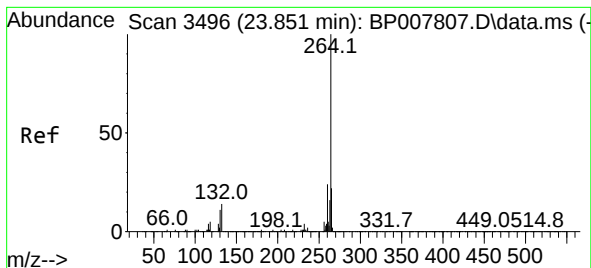
Tgt Ion:240 Resp: 717266
Ion Ratio Lower Upper
240 100
120 7.8 7.8 11.8#
236 26.4 20.6 30.8



#79
Terphenyl-d14
Concen: 93.157 ng
RT: 19.809 min Scan# 2809
Delta R.T. -0.012 min
Lab File: BP007929.D
Acq: 10 Nov 2021 20:32

Tgt Ion:244 Resp: 3281386
Ion Ratio Lower Upper
244 100
212 7.7 6.2 9.2
122 8.0 7.8 11.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.750 min Scan# 34

Delta R.T. -0.018 min

Lab File: BP007929.D

Acq: 10 Nov 2021 20:32

Instrument :

BNA_P

ClientSampleId :

FB

Tgt Ion:264 Resp: 812834

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 21.9 16.7 25.1

