

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP111121\
 Data File : BP007946.D
 Acq On : 11 Nov 2021 15:32
 Operator : CG/JU
 Sample : M4607-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 11966

Quant Time: Nov 11 17:39:53 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 11 13:53:53 2021
 Response via : Initial Calibration

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

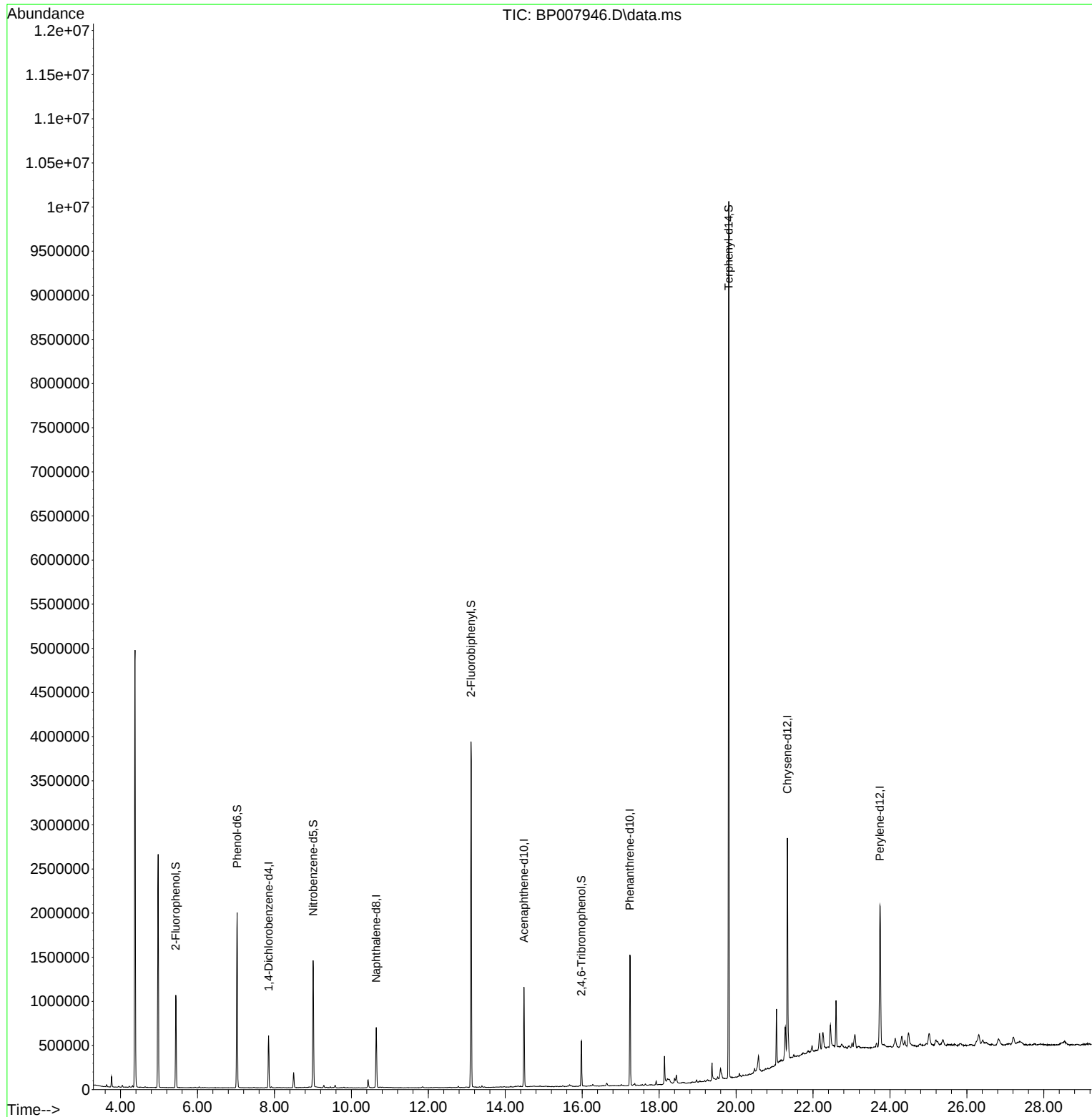
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	157377	20.000	ng	0.00
21) Naphthalene-d8	10.646	136	543073	20.000	ng	0.00
39) Acenaphthene-d10	14.487	164	375363	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	912406	20.000	ng	# 0.00
76) Chrysene-d12	21.333	240	1223409	20.000	ng	# 0.00
86) Perylene-d12	23.739	264	1285809	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	437220	47.116	ng	0.00
7) Phenol-d6	7.028	99	1074667	80.012	ng	0.00
23) Nitrobenzene-d5	9.004	82	805694	79.694	ng	0.00
42) 2,4,6-Tribromophenol	15.981	330	102693	19.170	ng	0.00
45) 2-Fluorobiphenyl	13.110	172	2018826	78.323	ng	0.00
79) Terphenyl-d14	19.810	244	4487558	74.693	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.328	88	128	Below Cal	#	Qvalue 23

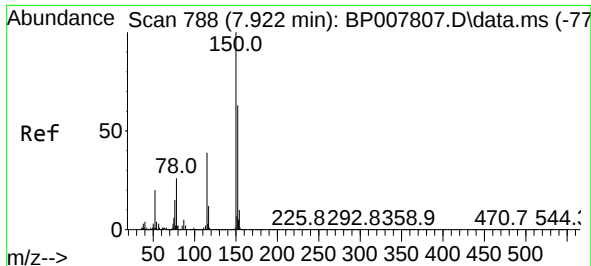
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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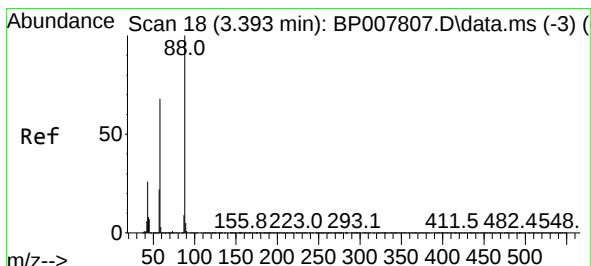
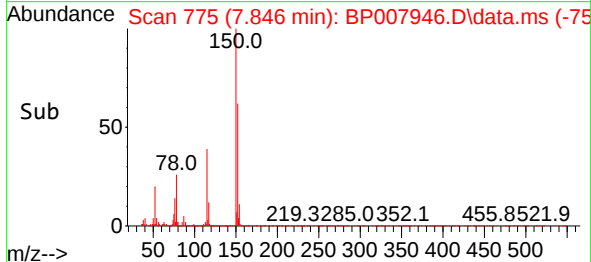
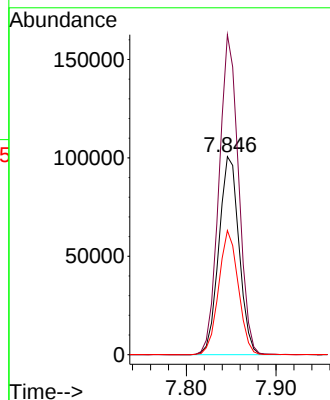
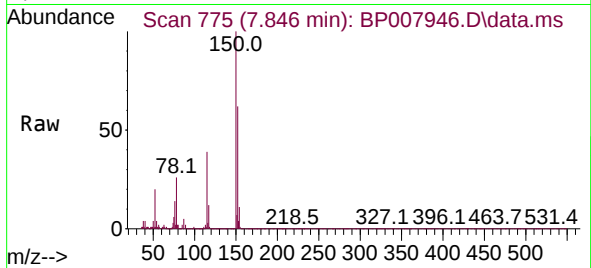




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.846 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BP007946.D
 Acq: 11 Nov 2021 15:32

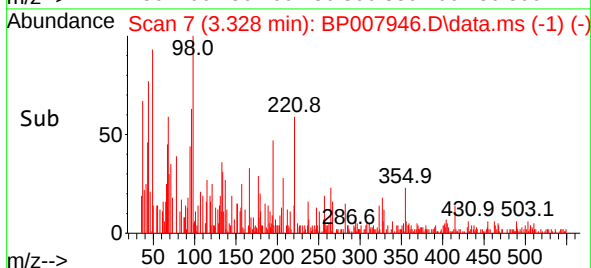
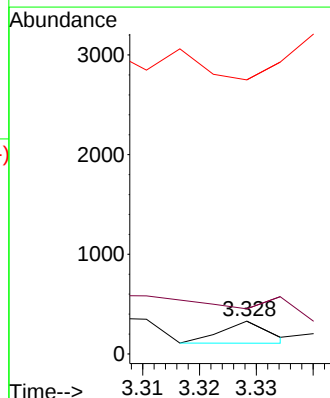
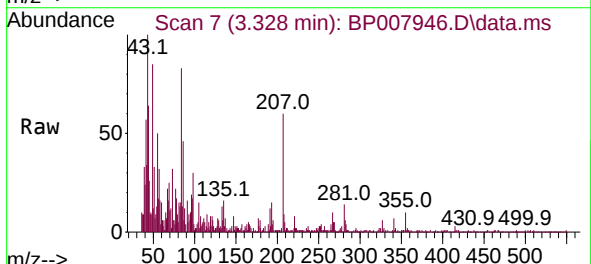
Instrument :
 BNA_P
 ClientSampleId :
 11966

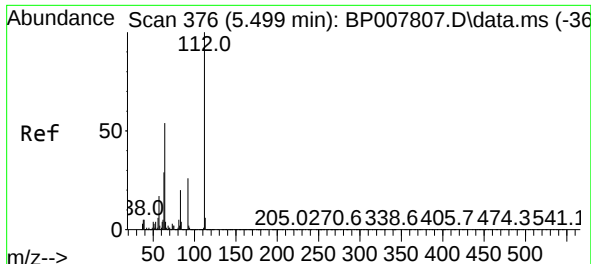
Tgt Ion:152 Resp: 157377
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.1 186.1
 115 62.7 48.1 72.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.328 min Scan# 7
 Delta R.T. -0.012 min
 Lab File: BP007946.D
 Acq: 11 Nov 2021 15:32

Tgt Ion: 88 Resp: 128
 Ion Ratio Lower Upper
 88 100
 58 0.0 58.1 87.1#
 43 0.0 22.2 33.4#

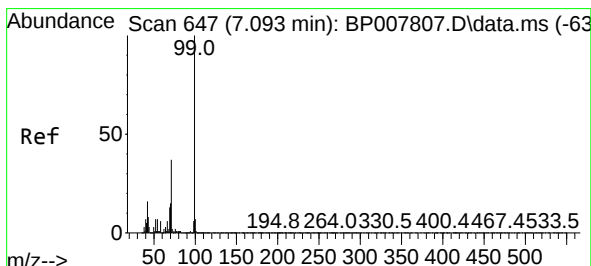
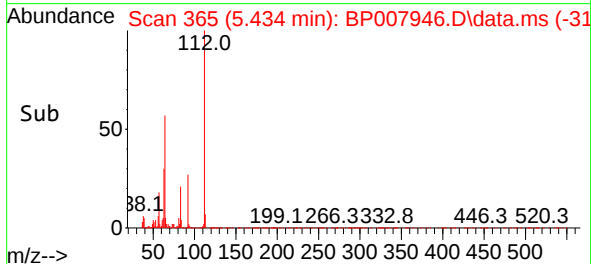
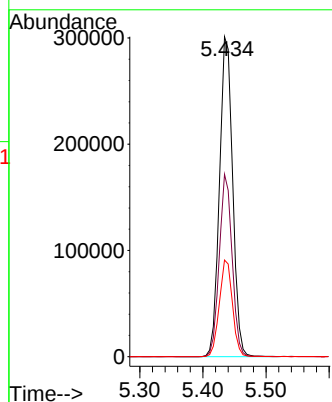
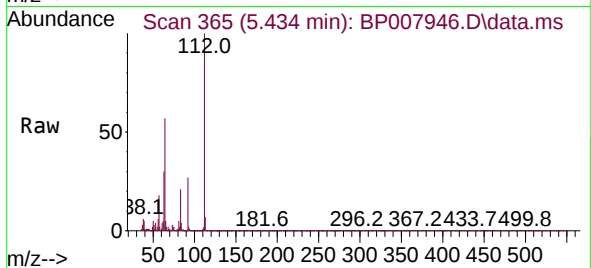




#5
2-Fluorophenol
Concen: 47.116 ng
RT: 5.434 min Scan# 30
Delta R.T. -0.000 min
Lab File: BP007946.D
Acq: 11 Nov 2021 15:32

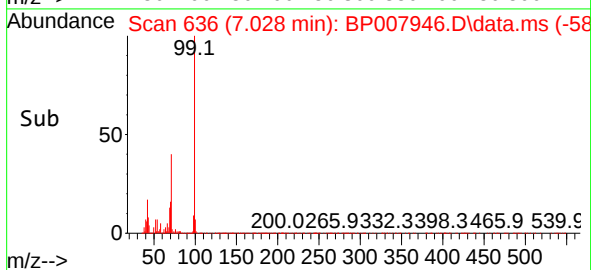
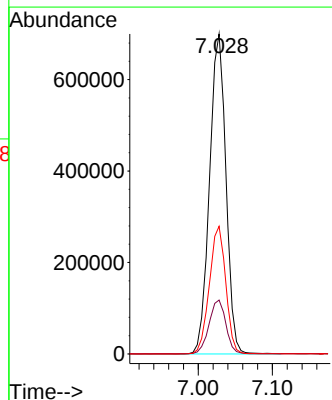
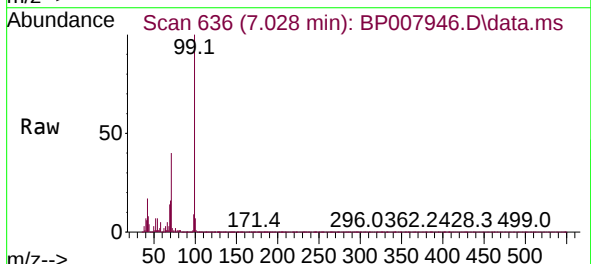
Instrument :
BNA_P
ClientSampleId :
11966

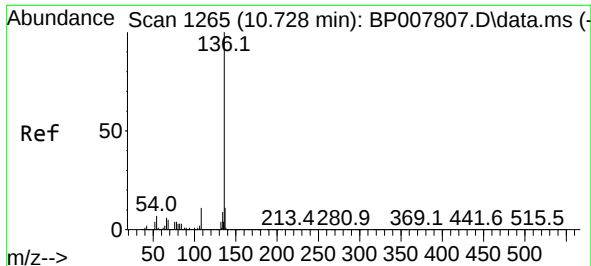
Tgt Ion:112 Resp: 437220
Ion Ratio Lower Upper
112 100
64 57.0 46.6 70.0
63 30.2 25.0 37.6



#7
Phenol-d6
Concen: 80.012 ng
RT: 7.028 min Scan# 636
Delta R.T. -0.000 min
Lab File: BP007946.D
Acq: 11 Nov 2021 15:32

Tgt Ion: 99 Resp: 1074667
Ion Ratio Lower Upper
99 100
42 16.9 14.9 22.3
71 39.9 29.2 43.8

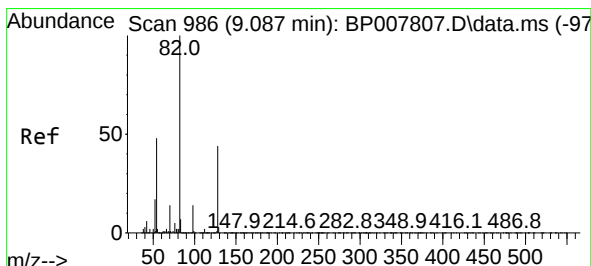
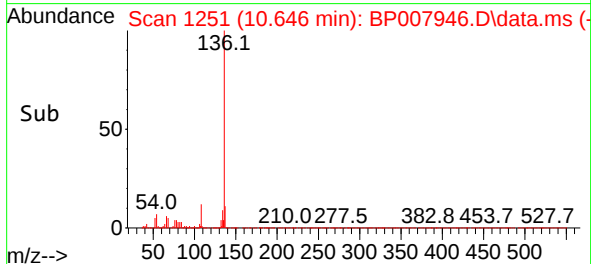
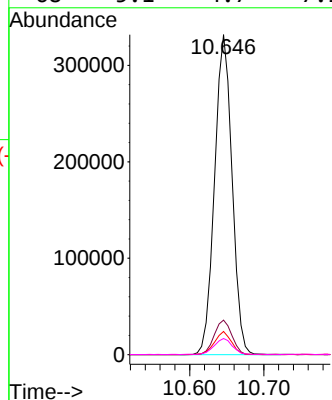
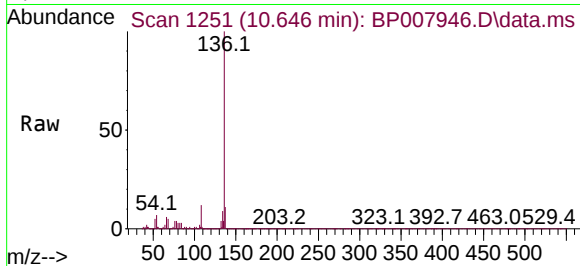




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.646 min Scan# 11966
Delta R.T. -0.006 min
Lab File: BP007946.D
Acq: 11 Nov 2021 15:32

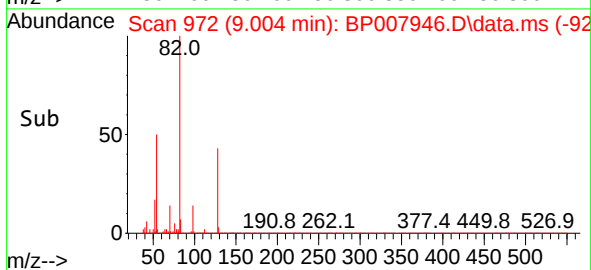
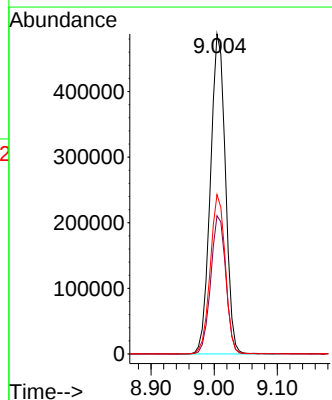
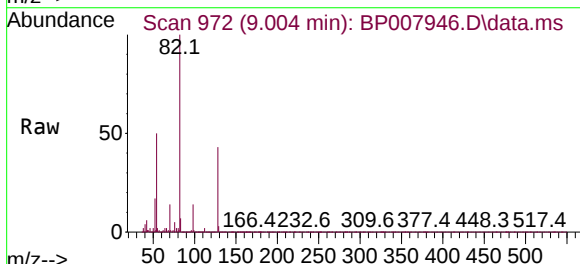
Instrument :
BNA_P
ClientSampleId :
11966

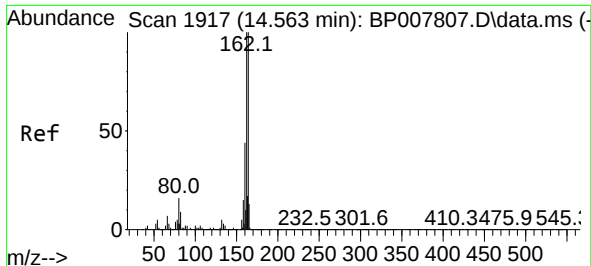
Tgt Ion:	136	Resp:	543073
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.2	6.2	9.4
68	5.1	4.7	7.1



#23
Nitrobenzene-d5
Concen: 79.694 ng
RT: 9.004 min Scan# 972
Delta R.T. -0.006 min
Lab File: BP007946.D
Acq: 11 Nov 2021 15:32

Tgt Ion:	82	Resp:	805694
Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.6	48.8
54	49.8	40.4	60.6

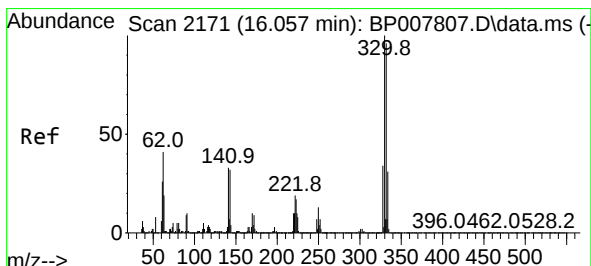
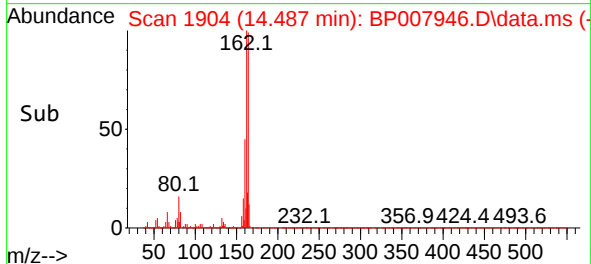
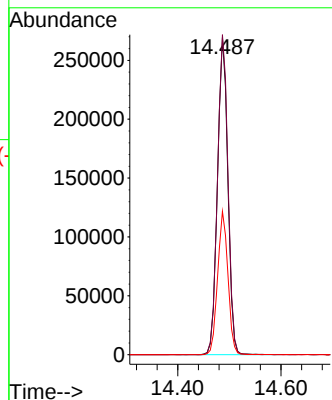
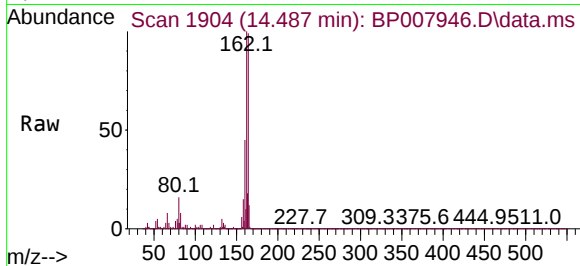




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.487 min Scan# 1917
Delta R.T. -0.006 min
Lab File: BP007946.D
Acq: 11 Nov 2021 15:32

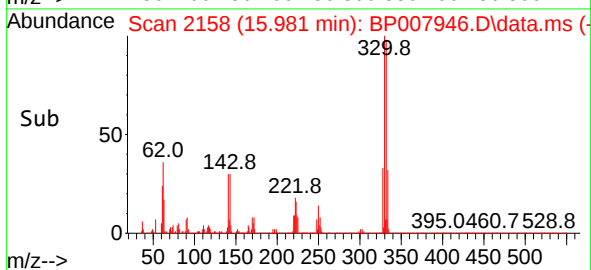
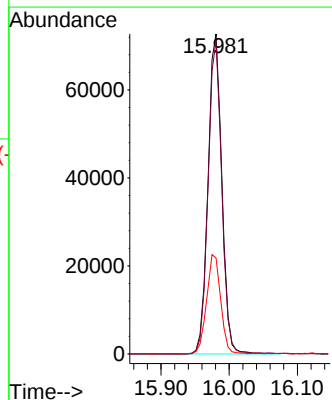
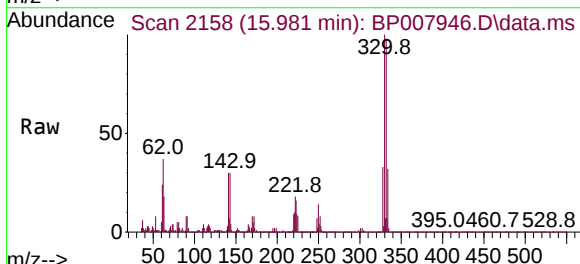
Instrument :
BNA_P
ClientSampleId :
11966

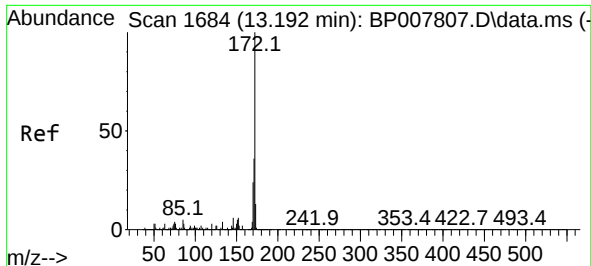
Tgt Ion:164 Resp: 375363
Ion Ratio Lower Upper
164 100
162 100.9 81.1 121.7
160 45.2 36.0 54.0



#42
2,4,6-Tribromophenol
Concen: 19.170 ng
RT: 15.981 min Scan# 2158
Delta R.T. -0.006 min
Lab File: BP007946.D
Acq: 11 Nov 2021 15:32

Tgt Ion:330 Resp: 102693
Ion Ratio Lower Upper
330 100
332 96.0 78.9 118.3
141 31.6 30.7 46.1

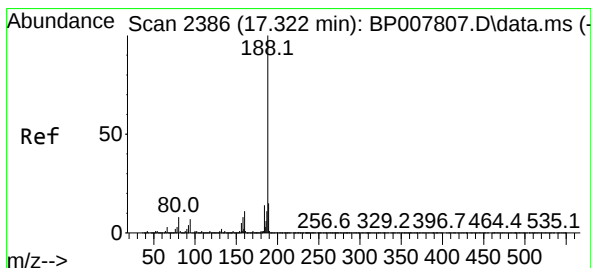
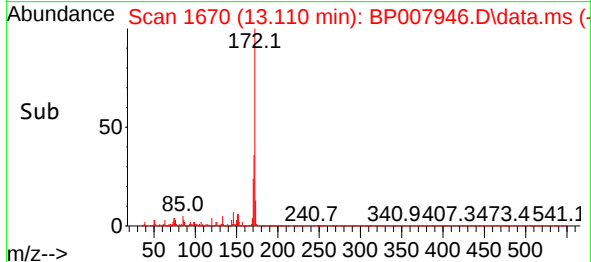
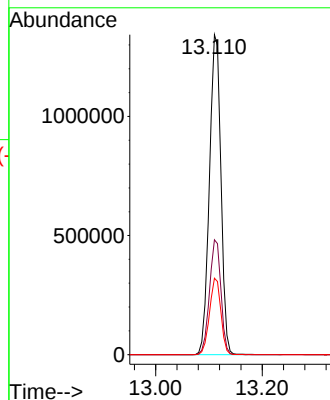
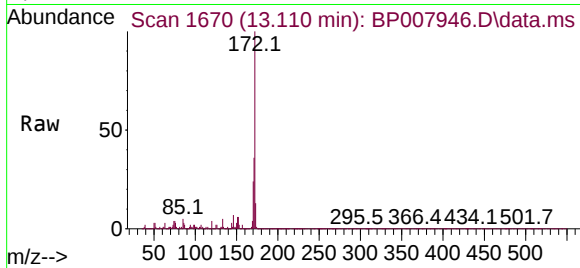




#45
2-Fluorobiphenyl
Concen: 78.323 ng
RT: 13.110 min Scan# 11966
Delta R.T. -0.006 min
Lab File: BP007946.D
Acq: 11 Nov 2021 15:32

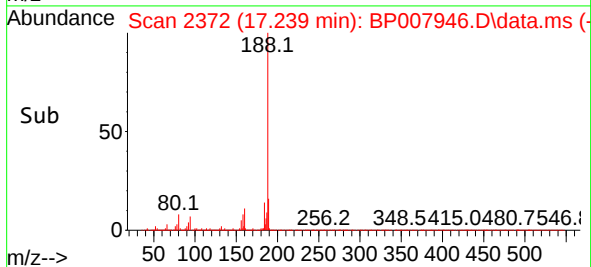
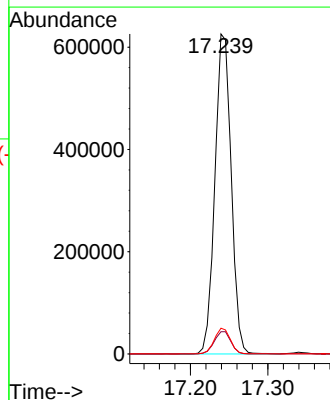
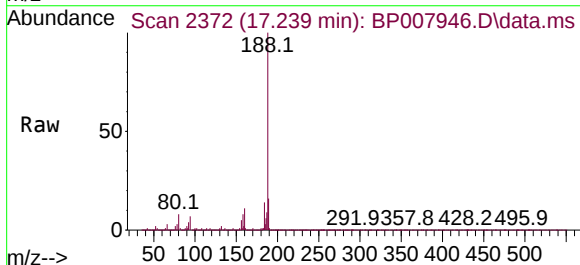
Instrument :
BNA_P
ClientSampleId :
11966

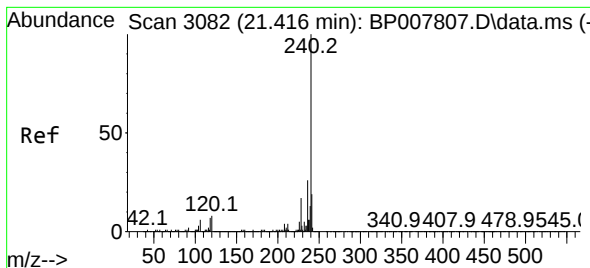
Tgt Ion:172 Resp: 2018826
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.2
170 23.9 19.0 28.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.239 min Scan# 2372
Delta R.T. -0.006 min
Lab File: BP007946.D
Acq: 11 Nov 2021 15:32

Tgt Ion:188 Resp: 912406
Ion Ratio Lower Upper
188 100
94 6.9 7.1 10.7#
80 8.1 7.8 11.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.333 min Scan# 3082

Delta R.T. -0.006 min

Lab File: BP007946.D

Acq: 11 Nov 2021 15:32

Instrument :

BNA_P

ClientSampleId :

11966

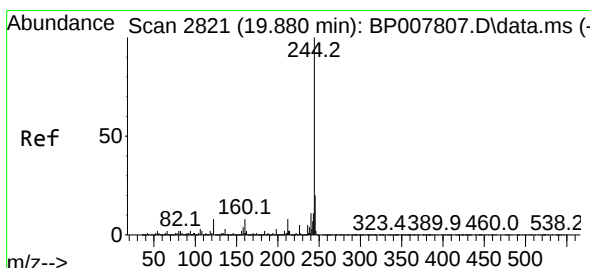
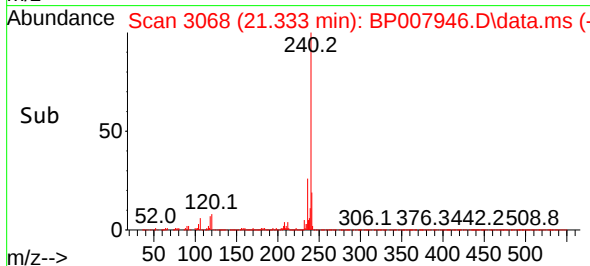
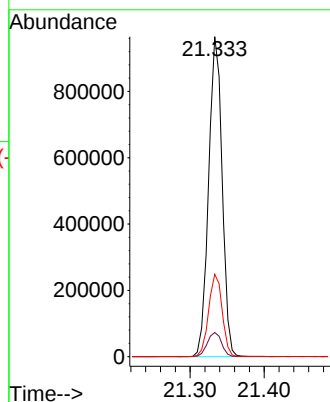
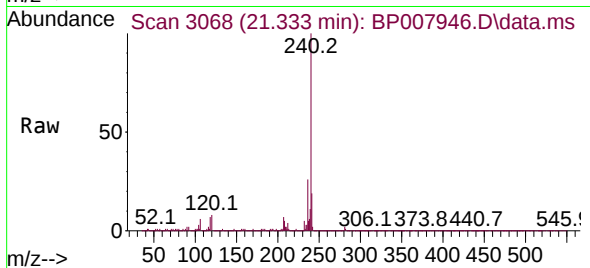
Tgt Ion:240 Resp: 1223409

Ion Ratio Lower Upper

240 100

120 7.5 7.8 11.8#

236 25.8 20.6 30.8



#79

Terphenyl-d14

Concen: 74.693 ng

RT: 19.810 min Scan# 2809

Delta R.T. -0.000 min

Lab File: BP007946.D

Acq: 11 Nov 2021 15:32

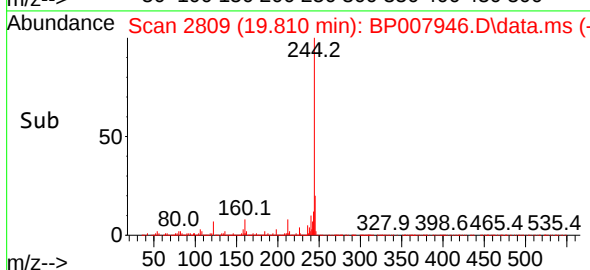
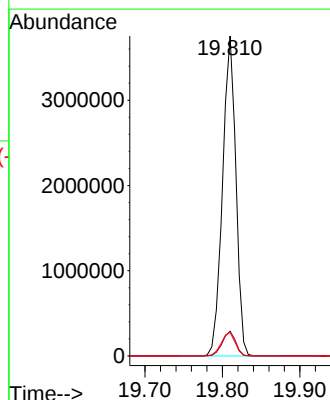
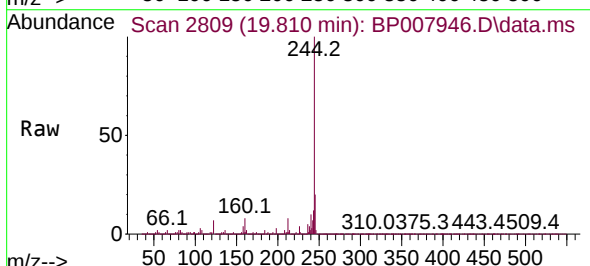
Tgt Ion:244 Resp: 4487558

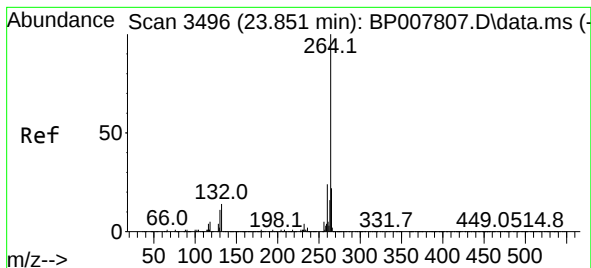
Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

122 7.3 7.8 11.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.739 min Scan# 34

Delta R.T. -0.012 min

Lab File: BP007946.D

Acq: 11 Nov 2021 15:32

Instrument :

BNA_P

ClientSampleId :

11966

Tgt Ion:264 Resp: 1285809

Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.3 16.7 25.1

