

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121821\
 Data File : BP008493.D
 Acq On : 18 Dec 2021 17:33
 Operator : CG/JU
 Sample : M5018-69RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 20 00:51:54 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)

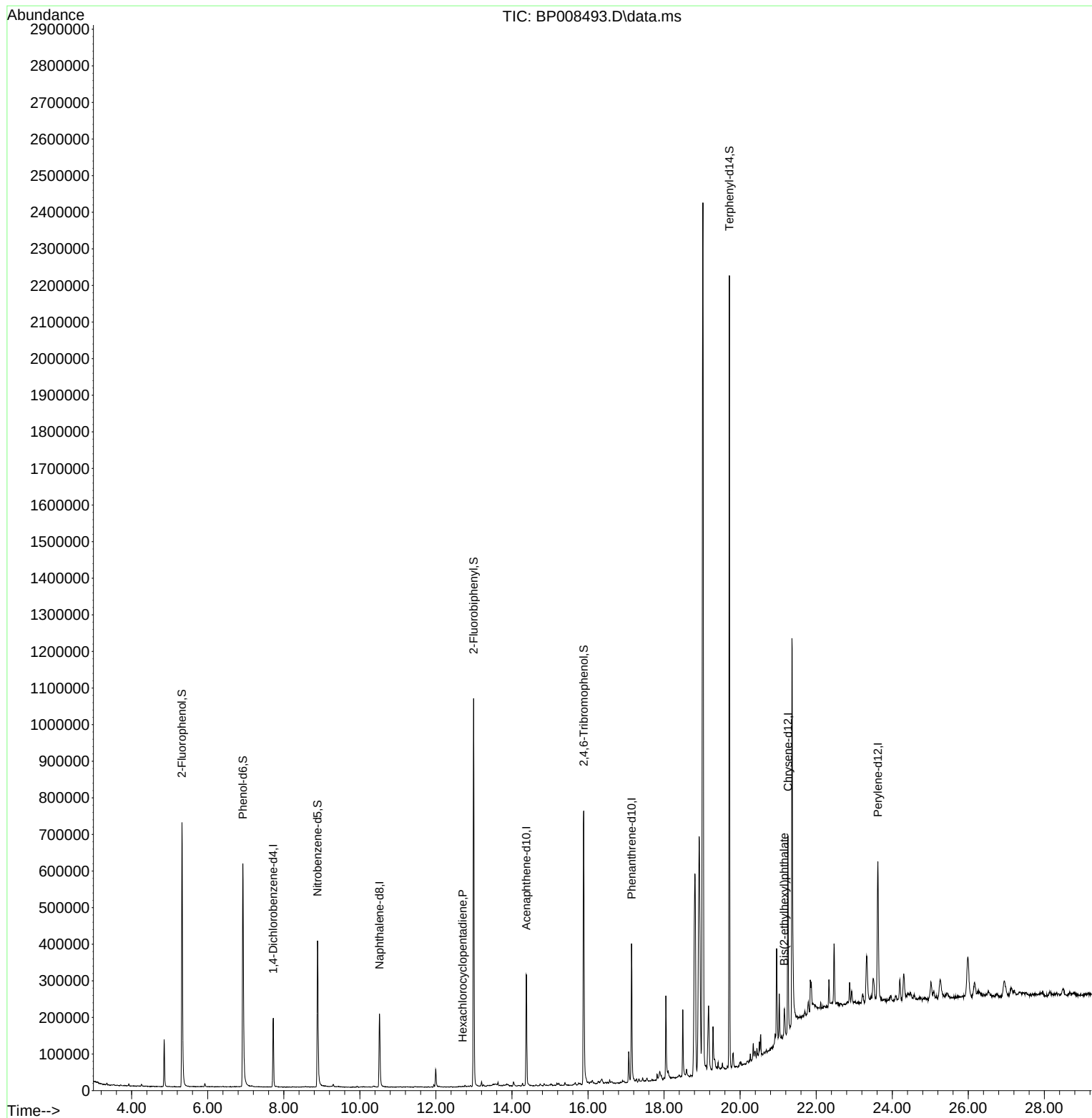
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	46809	20.000	ng	0.00
21) Naphthalene-d8	10.516	136	174264	20.000	ng	0.00
39) Acenaphthene-d10	14.375	164	114910	20.000	ng	-0.01
64) Phenanthrene-d10	17.145	188	244757	20.000	ng	0.00
76) Chrysene-d12	21.257	240	278081	20.000	ng	0.00
86) Perylene-d12	23.621	264	321162	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.322	112	304982	102.895	ng	0.00
7) Phenol-d6	6.922	99	387317	97.295	ng	0.00
23) Nitrobenzene-d5	8.887	82	263857	64.146	ng	-0.01
42) 2,4,6-Tribromophenol	15.887	330	164026	97.132	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	558327	61.765	ng	-0.01
79) Terphenyl-d14	19.716	244	966870	60.512	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	3.199	88	108	Below Cal	#	74
9) Benzaldehyde	6.828	77	111	Below Cal	#	55
41) Hexachlorocyclopentadiene	12.704	237	22	8.668	ng	82
84) Bis(2-ethylhexyl)phtha...	21.157	149	22616	2.217	ng	100

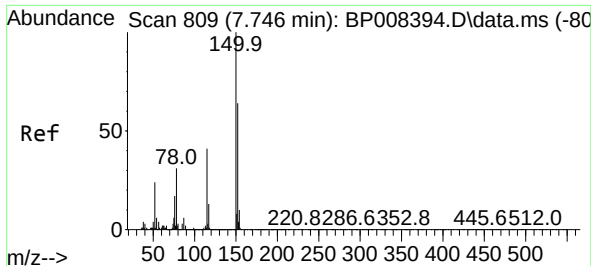
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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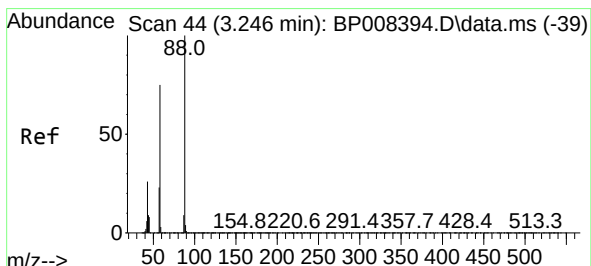
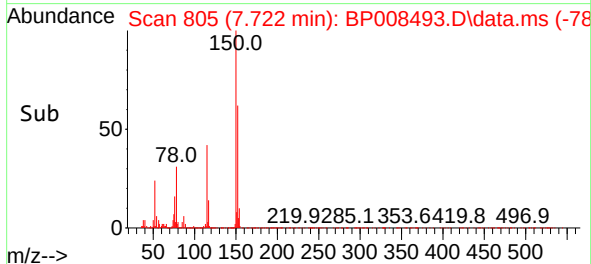
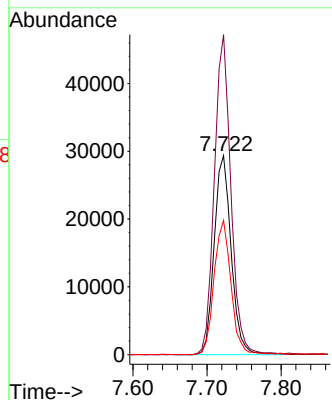
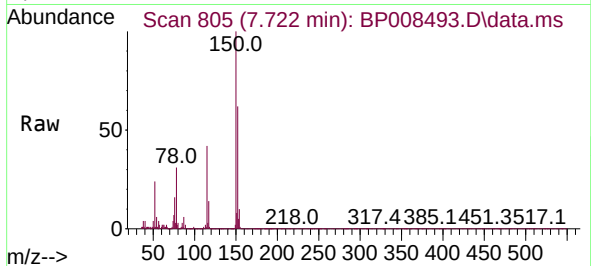




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.722 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP008493.D
 Acq: 18 Dec 2021 17:33

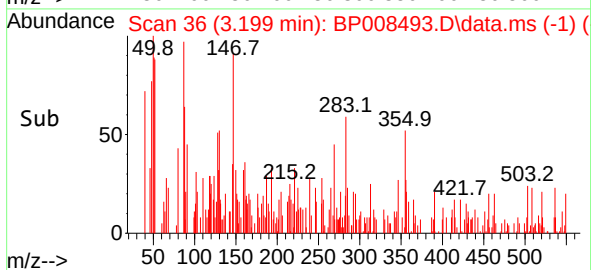
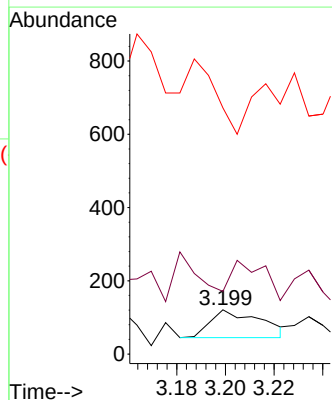
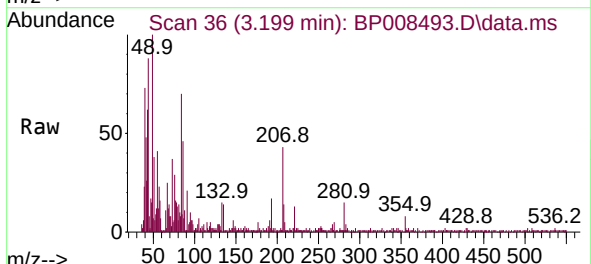
Instrument :
 BNA_P
 ClientSampleId :

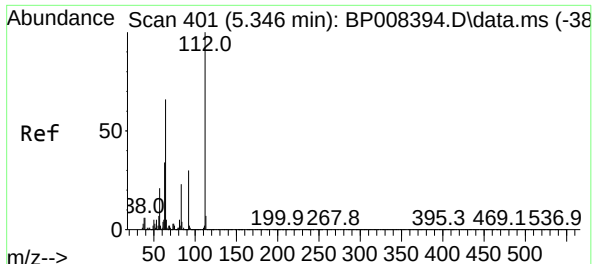
Tgt Ion:152 Resp: 46809
 Ion Ratio Lower Upper
 152 100
 150 160.8 125.7 188.5
 115 67.5 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.199 min Scan# 36
 Delta R.T. -0.035 min
 Lab File: BP008493.D
 Acq: 18 Dec 2021 17:33

Tgt Ion: 88 Resp: 108
 Ion Ratio Lower Upper
 88 100
 58 92.6 63.5 95.3
 43 0.0 23.4 35.2#

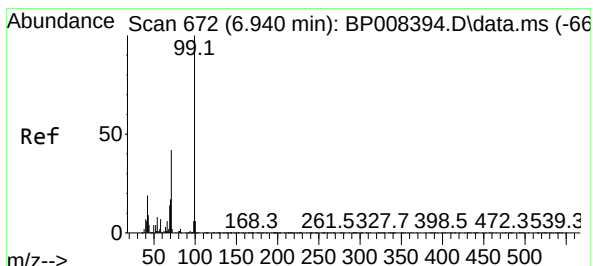
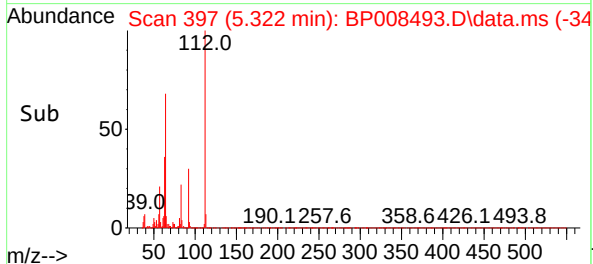
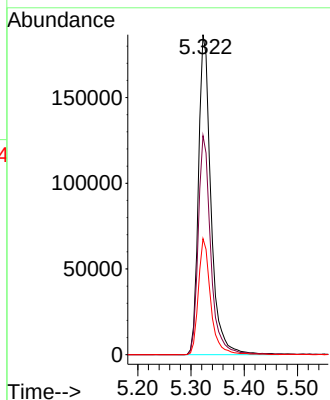
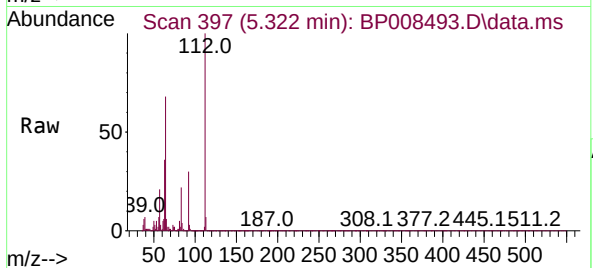




#5
2-Fluorophenol
Concen: 102.895 ng
RT: 5.322 min Scan# 397
Delta R.T. -0.006 min
Lab File: BP008493.D
Acq: 18 Dec 2021 17:33

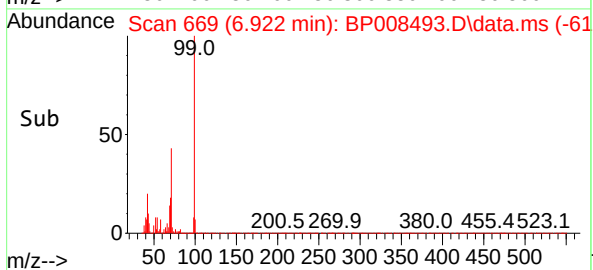
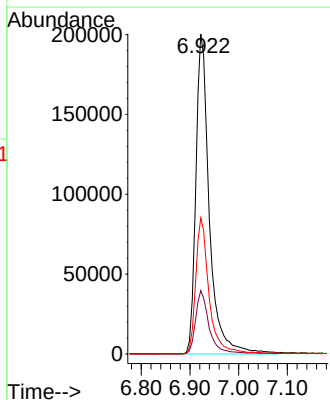
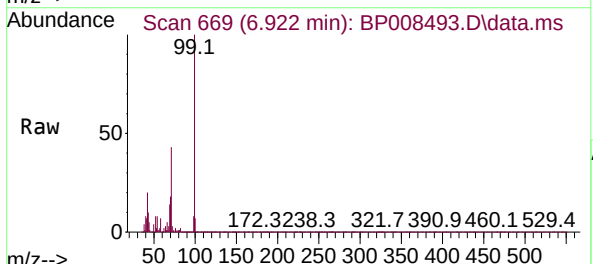
Instrument :
BNA_P
ClientSampleId :

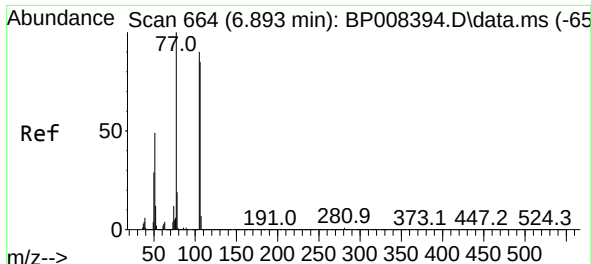
Tgt Ion:112 Resp: 304982
Ion Ratio Lower Upper
112 100
64 68.4 53.4 80.2
63 36.2 27.8 41.8



#7
Phenol-d6
Concen: 97.295 ng
RT: 6.922 min Scan# 669
Delta R.T. -0.006 min
Lab File: BP008493.D
Acq: 18 Dec 2021 17:33

Tgt Ion: 99 Resp: 387317
Ion Ratio Lower Upper
99 100
42 19.8 14.6 22.0
71 42.5 31.1 46.7

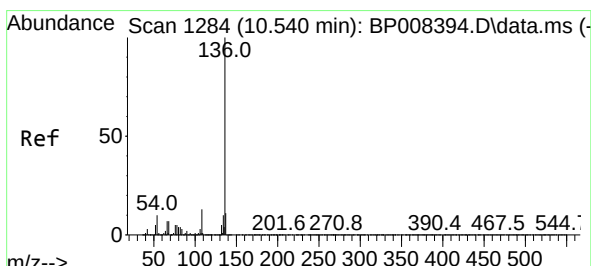
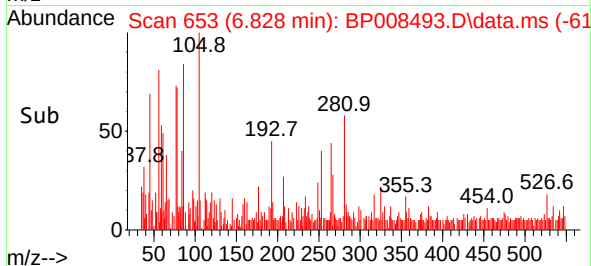
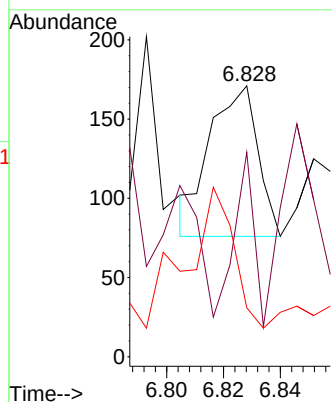
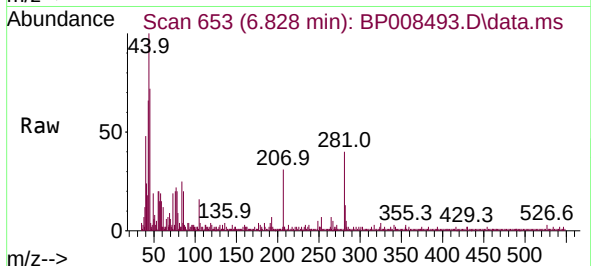




#9
Benzaldehyde
Concen: Below Cal
RT: 6.828 min Scan# 61
Delta R.T. -0.053 min
Lab File: BP008493.D
Acq: 18 Dec 2021 17:33

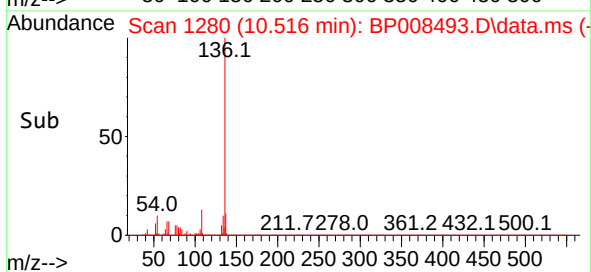
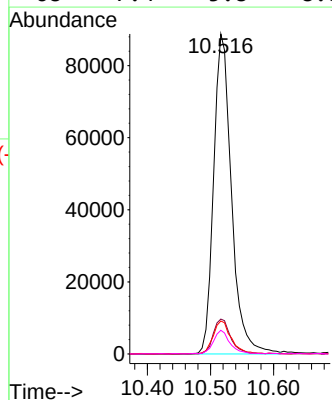
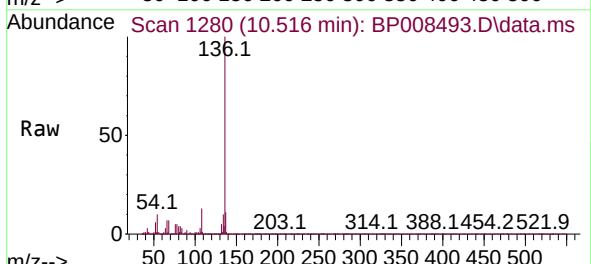
Instrument :
BNA_P
ClientSampleId :

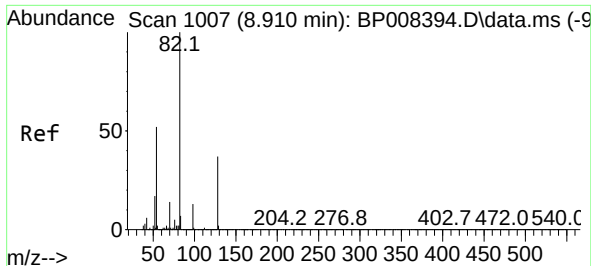
Tgt Ion: 77 Resp: 111
Ion Ratio Lower Upper
77 100
105 75.4 71.8 111.8
106 18.1 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP008493.D
Acq: 18 Dec 2021 17:33

Tgt Ion:136 Resp: 174264
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.3 8.2 12.4
68 7.4 5.8 8.8





#23

Nitrobenzene-d5

Concen: 64.146 ng

RT: 8.887 min Scan# 1003

Delta R.T. -0.012 min

Lab File: BP008493.D

Acq: 18 Dec 2021 17:33

Instrument :

BNA_P

ClientSampleId :

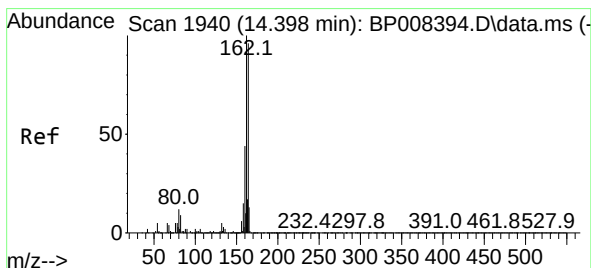
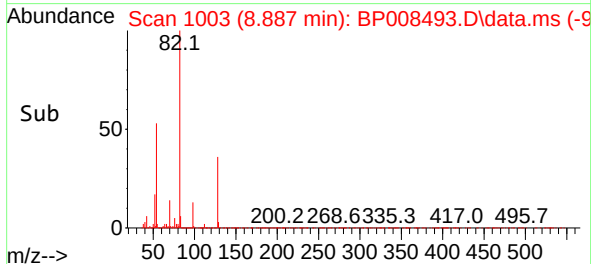
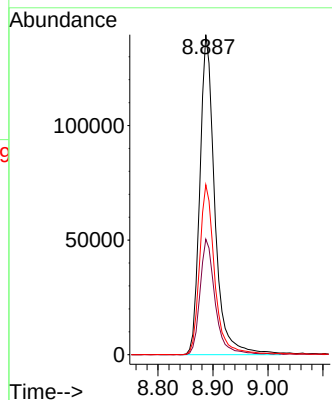
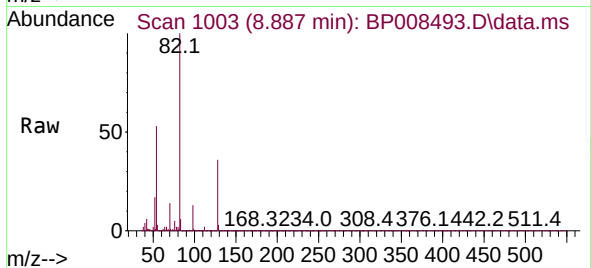
Tgt Ion: 82 Resp: 263857

Ion Ratio Lower Upper

82 100

128 36.1 29.6 44.4

54 53.1 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.375 min Scan# 1936

Delta R.T. -0.012 min

Lab File: BP008493.D

Acq: 18 Dec 2021 17:33

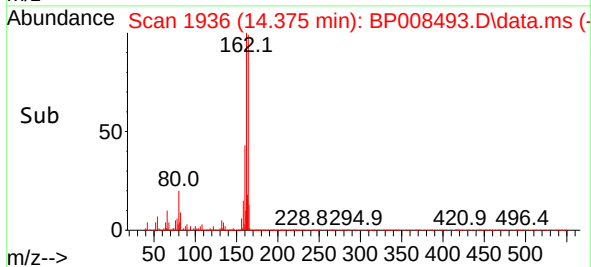
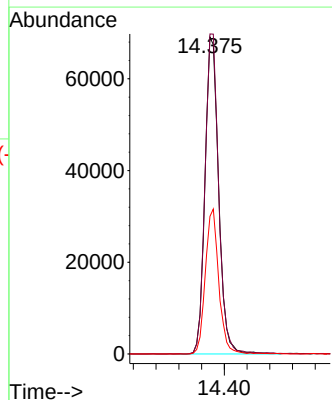
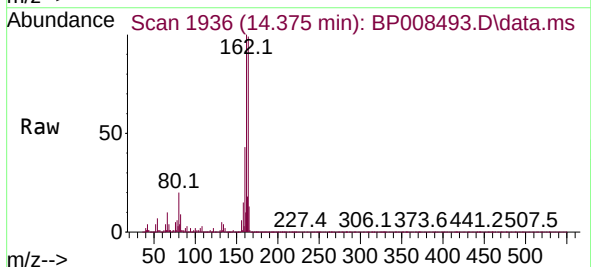
Tgt Ion: 164 Resp: 114910

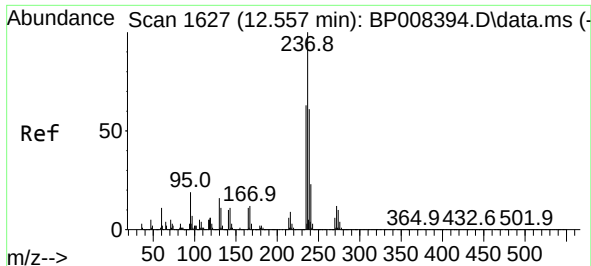
Ion Ratio Lower Upper

164 100

162 101.0 81.9 122.9

160 43.5 35.4 53.0

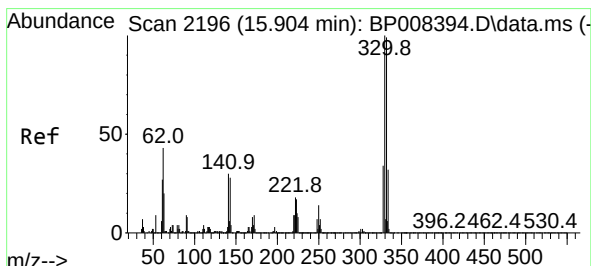
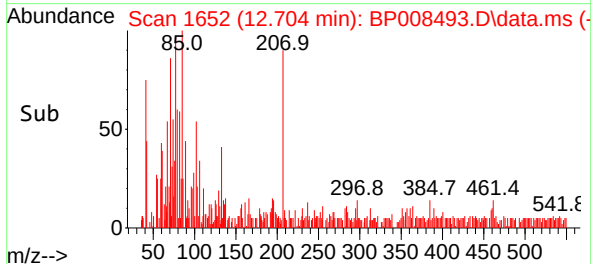
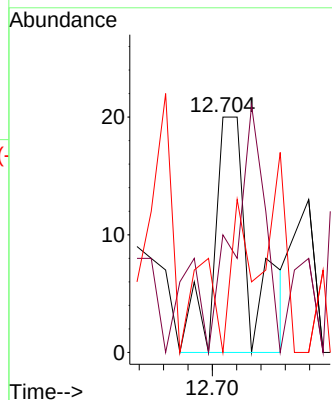
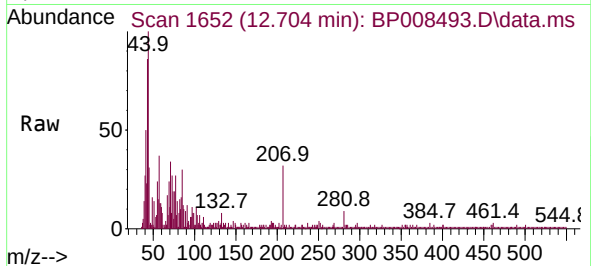




#41
Hexachlorocyclopentadiene
Concen: 8.668 ng
RT: 12.704 min Scan# 1652
Delta R.T. 0.165 min
Lab File: BP008493.D
Acq: 18 Dec 2021 17:33

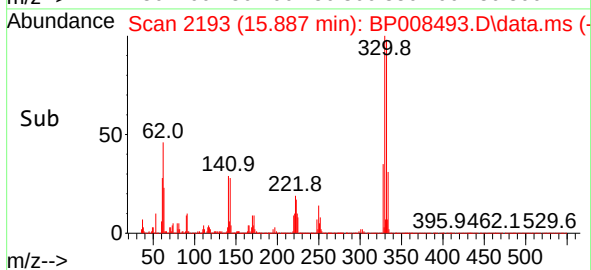
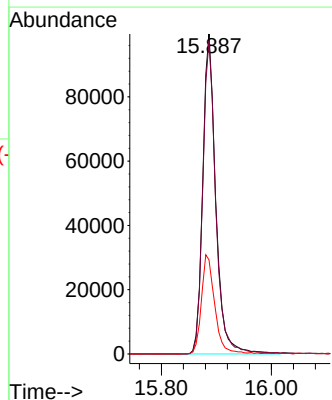
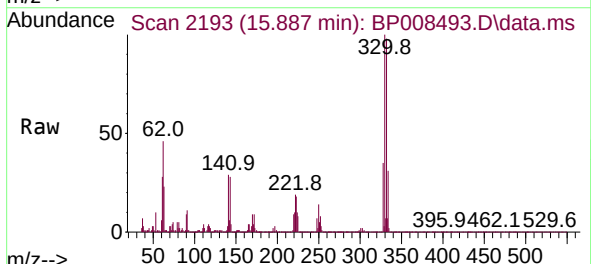
Instrument :
BNA_P
ClientSampleId :

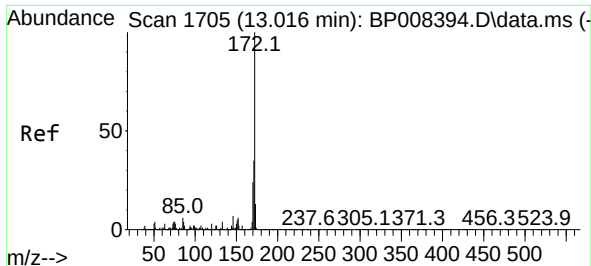
Tgt Ion:	237	Resp:	22
Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 97.132 ng
RT: 15.887 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BP008493.D
Acq: 18 Dec 2021 17:33

Tgt Ion:	330	Resp:	164026
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.4
141	31.5	28.4	42.6

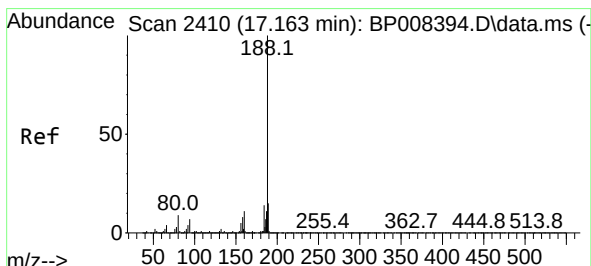
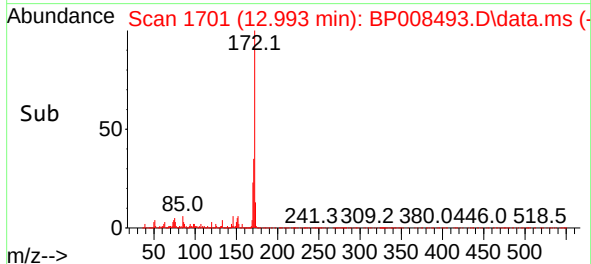
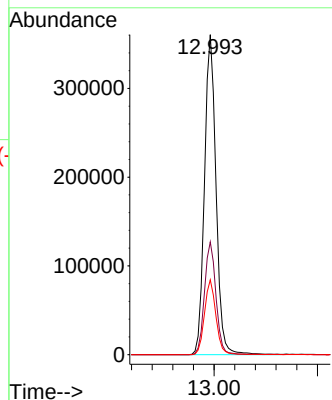
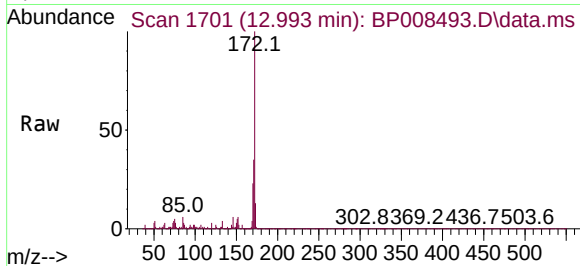




#45
2-Fluorobiphenyl
Concen: 61.765 ng
RT: 12.993 min Scan# 11
Delta R.T. -0.012 min
Lab File: BP008493.D
Acq: 18 Dec 2021 17:33

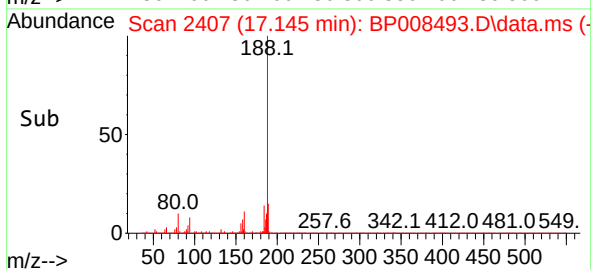
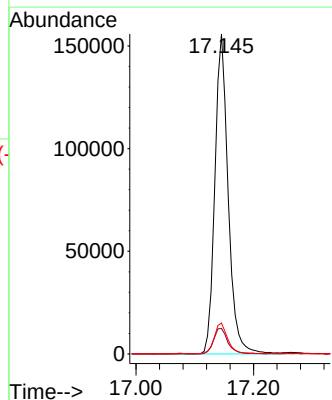
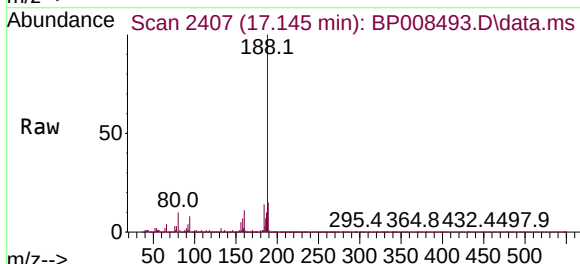
Instrument :
BNA_P
ClientSampleId :

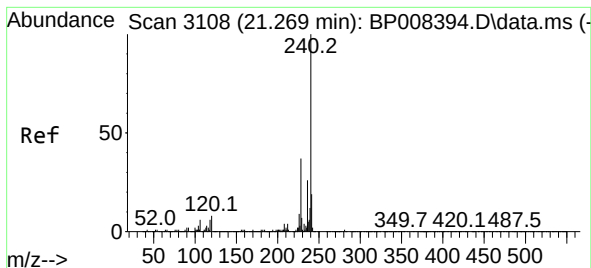
Tgt Ion:172 Resp: 558327
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.145 min Scan# 2407
Delta R.T. -0.006 min
Lab File: BP008493.D
Acq: 18 Dec 2021 17:33

Tgt Ion:188 Resp: 244757
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.6 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.257 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BP008493.D

Acq: 18 Dec 2021 17:33

Instrument :

BNA_P

ClientSampleId :

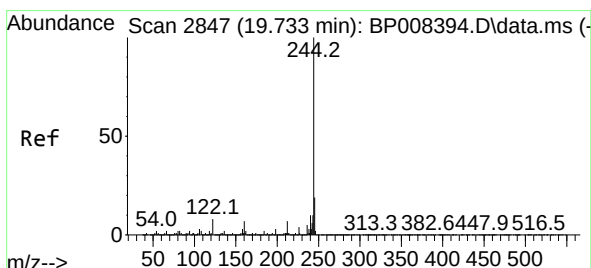
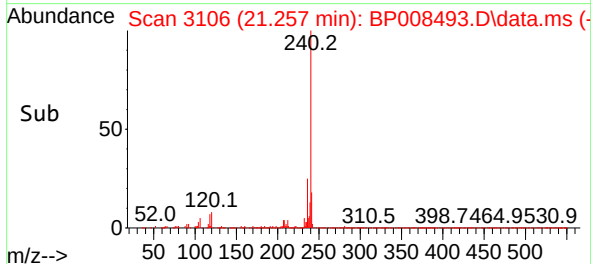
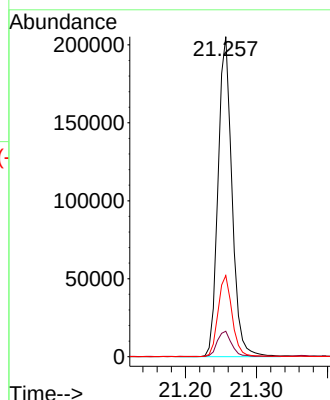
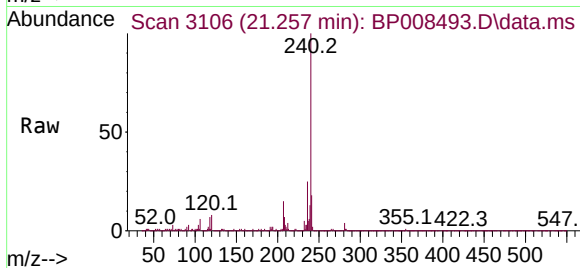
Tgt Ion:240 Resp: 278081

Ion Ratio Lower Upper

240 100

120 7.9 7.3 10.9

236 25.4 21.4 32.2



#79

Terphenyl-d14

Concen: 60.512 ng

RT: 19.716 min Scan# 2844

Delta R.T. -0.012 min

Lab File: BP008493.D

Acq: 18 Dec 2021 17:33

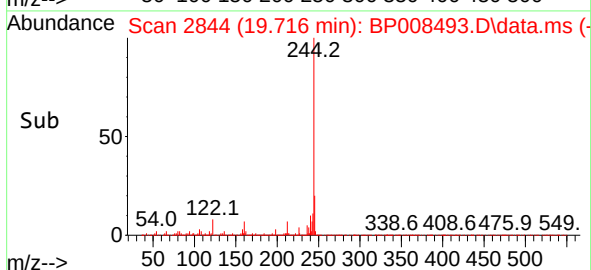
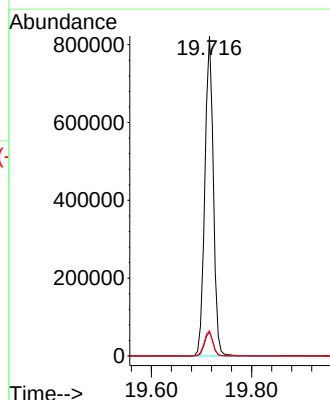
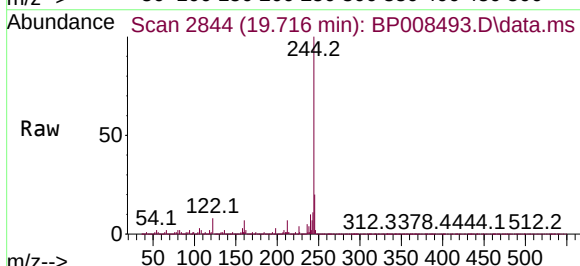
Tgt Ion:244 Resp: 966870

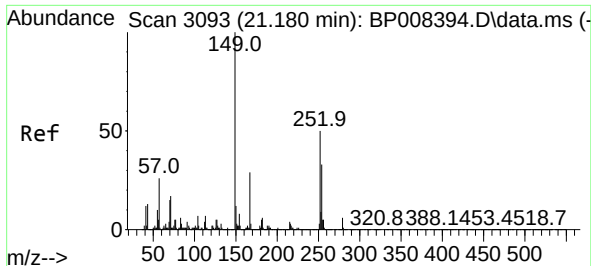
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 7.9 6.6 9.8

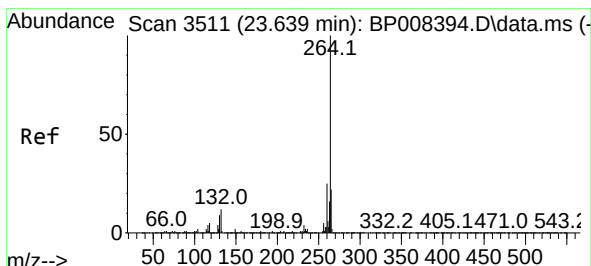
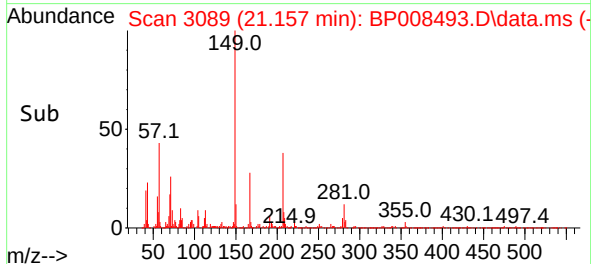
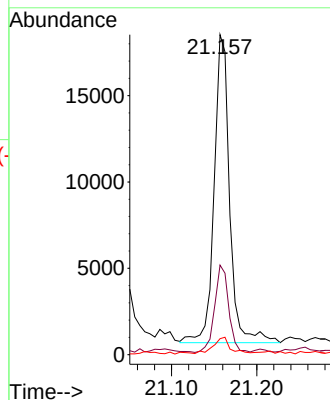
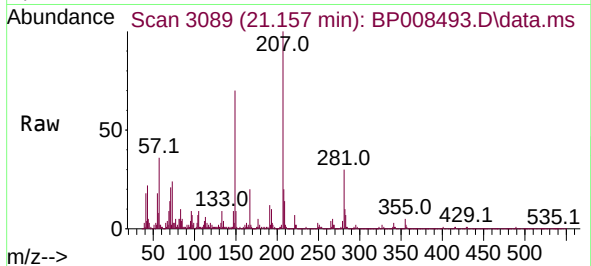




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.217 ng
 RT: 21.157 min Scan# 3093
 Delta R.T. -0.012 min
 Lab File: BP008493.D
 Acq: 18 Dec 2021 17:33

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:	149	Resp:	22616
Ion Ratio	Lower	Upper	
149	100		
167	28.0	22.5	33.7
279	5.0	3.5	5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.621 min Scan# 3508
 Delta R.T. -0.012 min
 Lab File: BP008493.D
 Acq: 18 Dec 2021 17:33

Tgt Ion:	264	Resp:	321162
Ion Ratio	Lower	Upper	
264	100		
260	23.1	19.4	29.2
265	22.0	17.6	26.4

