

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008452.D
 Acq On : 16 Dec 2021 14:49
 Operator : CG/JU
 Sample : M5067-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BASE

Quant Time: Dec 16 15:51:05 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP121421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 14 17:59:47 2021
 Response via : Initial Calibration

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

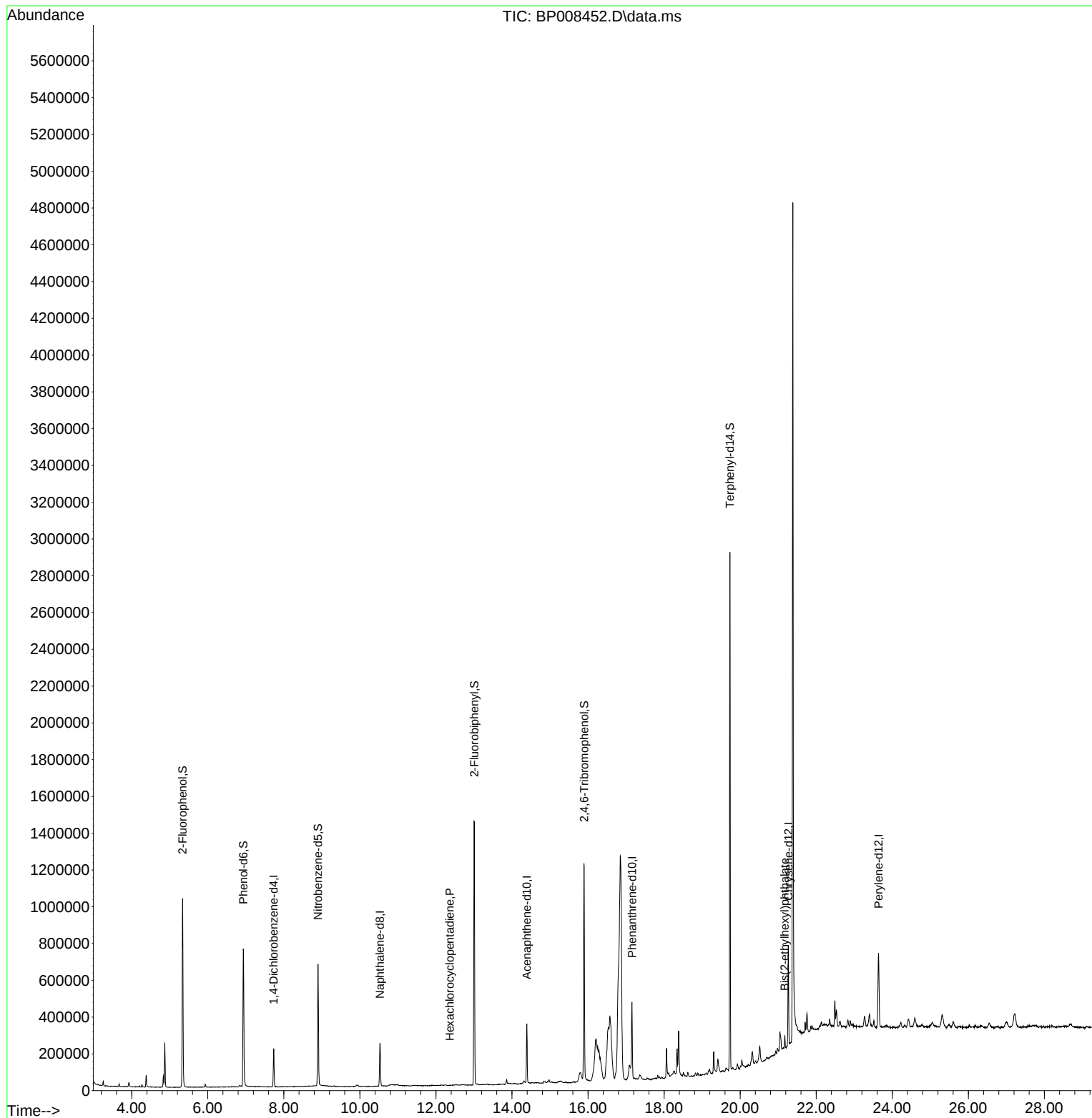
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	51559	20.000	ng	-0.01
21) Naphthalene-d8	10.528	136	178359	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	111581	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	239074	20.000	ng	0.00
76) Chrysene-d12	21.269	240	275424	20.000	ng	# 0.00
86) Perylene-d12	23.639	264	331413	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	398191	121.965	ng	0.00
7) Phenol-d6	6.934	99	436868	99.632	ng	0.00
23) Nitrobenzene-d5	8.899	82	374179	88.877	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	245149	149.502	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	738371	84.120	ng	0.00
79) Terphenyl-d14	19.733	244	1331474	84.135	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	107	Below Cal	#	1
9) Benzaldehyde	6.893	77	100	Below Cal	#	71
41) Hexachlorocyclopentadiene	12.363	237	12	8.661	ng	85
84) Bis(2-ethylhexyl)phtha...	21.174	149	23314	2.308	ng	# 99

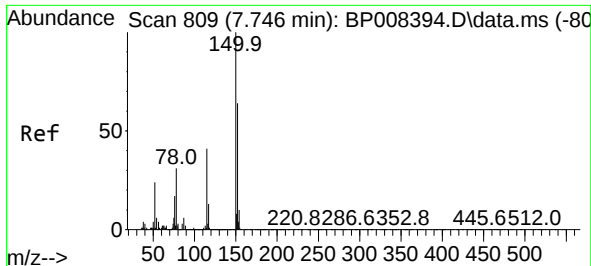
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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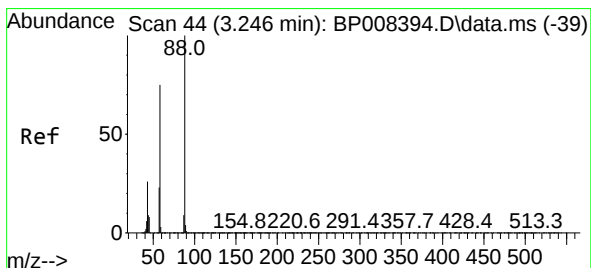
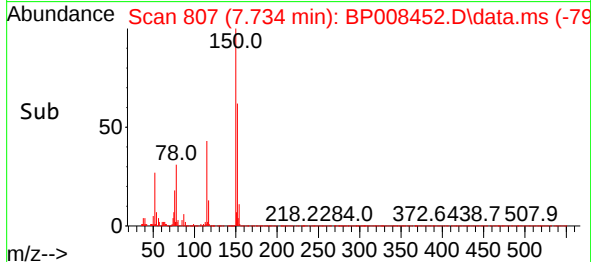
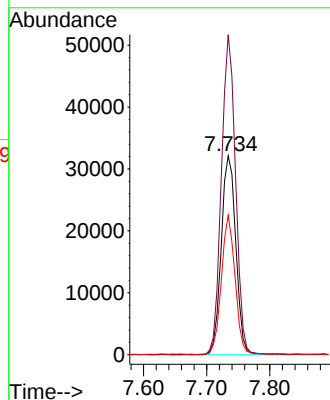
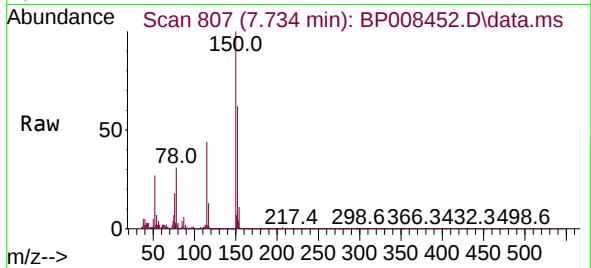




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.734 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP008452.D
 Acq: 16 Dec 2021 14:49

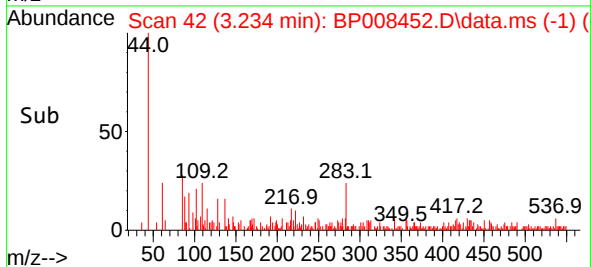
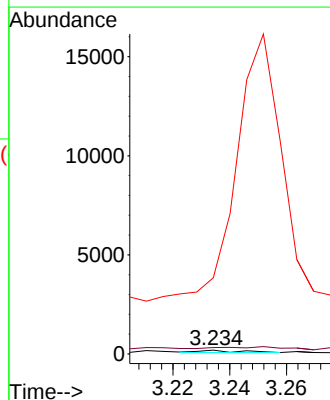
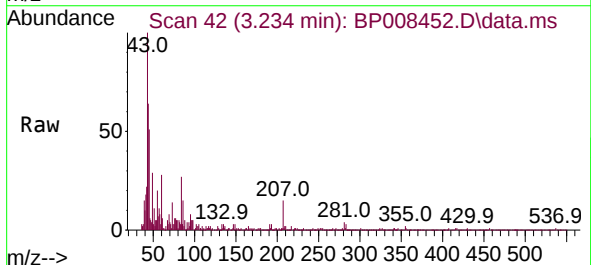
Instrument :
 BNA_P
 ClientSampleId :
 BASE

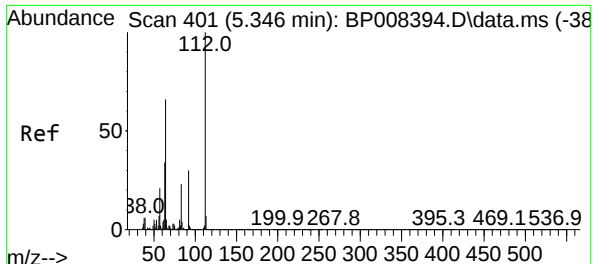
Tgt Ion:152 Resp: 51559
 Ion Ratio Lower Upper
 152 100
 150 160.9 125.7 188.5
 115 70.2 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.234 min Scan# 42
 Delta R.T. -0.012 min
 Lab File: BP008452.D
 Acq: 16 Dec 2021 14:49

Tgt Ion: 88 Resp: 107
 Ion Ratio Lower Upper
 88 100
 58 222.4 63.5 95.3#
 43 14687.9 23.4 35.2#

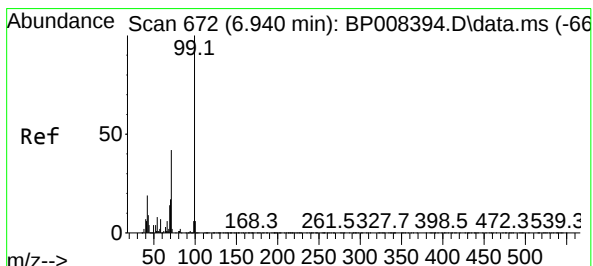
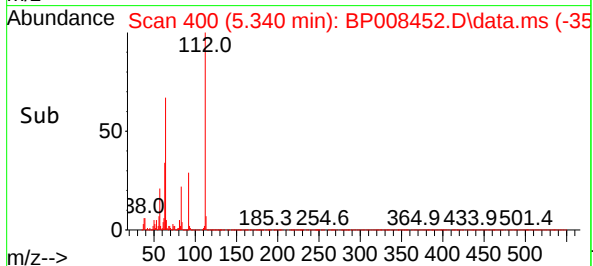
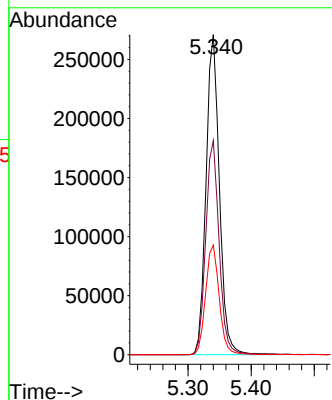
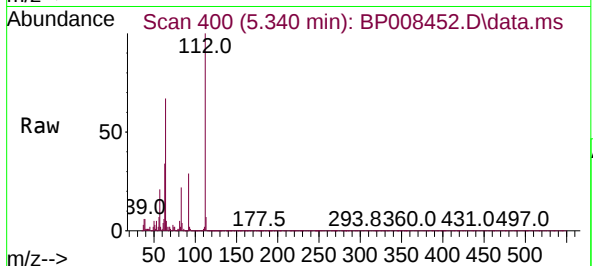




#5
2-Fluorophenol
Concen: 121.965 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008452.D
Acq: 16 Dec 2021 14:49

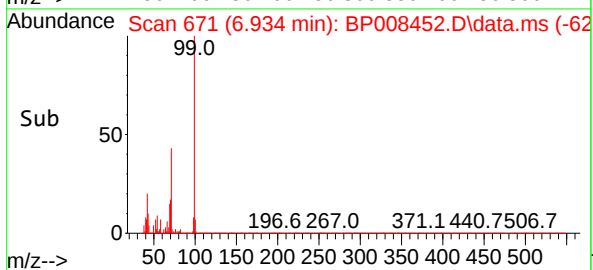
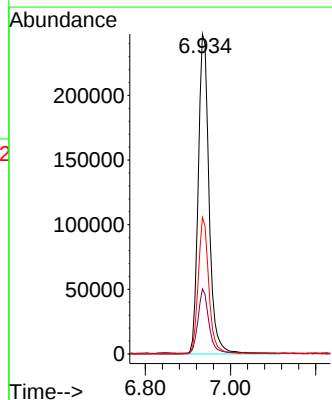
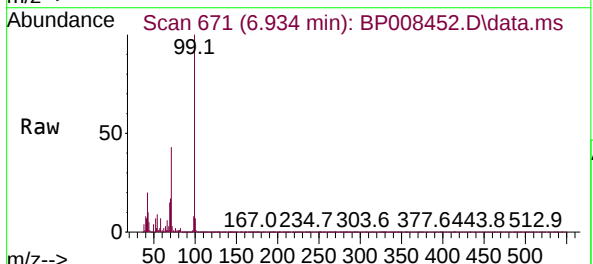
Instrument :
BNA_P
ClientSampleId :
BASE

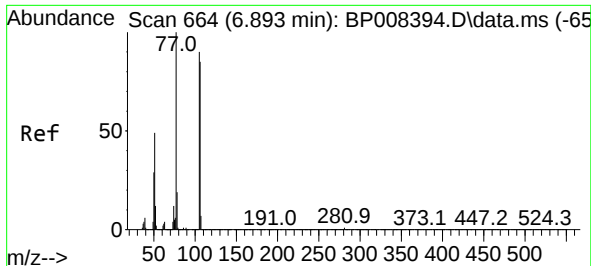
Tgt Ion:112 Resp: 398191
Ion Ratio Lower Upper
112 100
64 66.9 53.4 80.2
63 34.2 27.8 41.8



#7
Phenol-d6
Concen: 99.632 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008452.D
Acq: 16 Dec 2021 14:49

Tgt Ion: 99 Resp: 436868
Ion Ratio Lower Upper
99 100
42 20.3 14.6 22.0
71 42.7 31.1 46.7

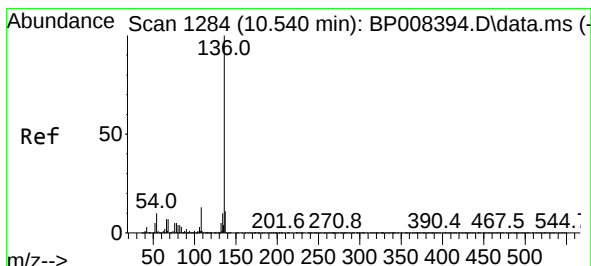
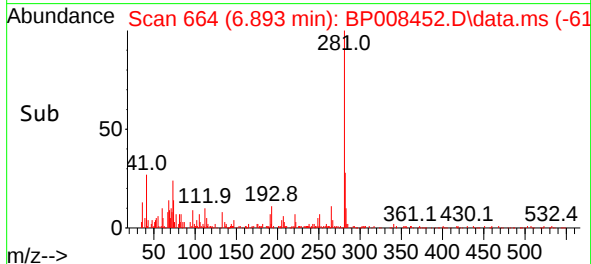
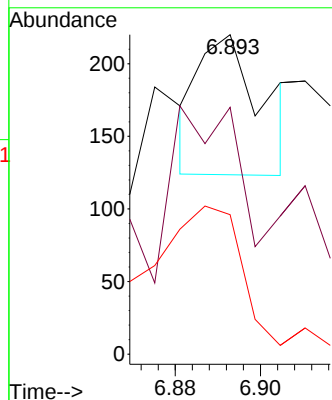
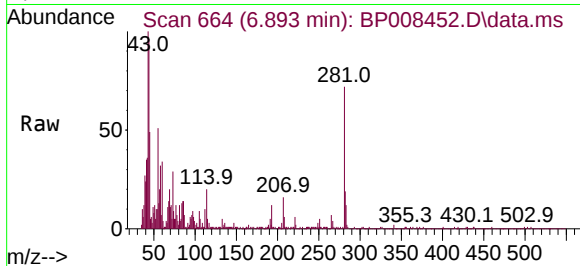




#9
Benzaldehyde
Concen: Below Cal
RT: 6.893 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP008452.D
Acq: 16 Dec 2021 14:49

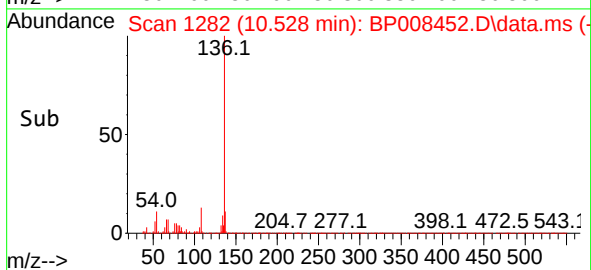
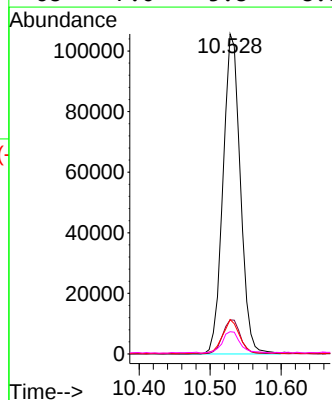
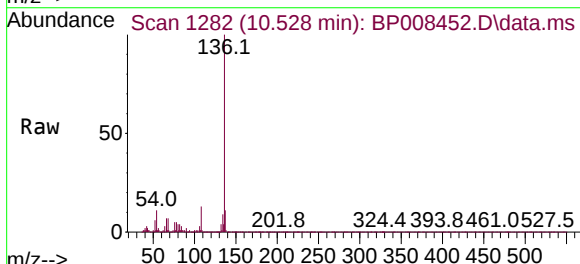
Instrument :
BNA_P
ClientSampleId :
BASE

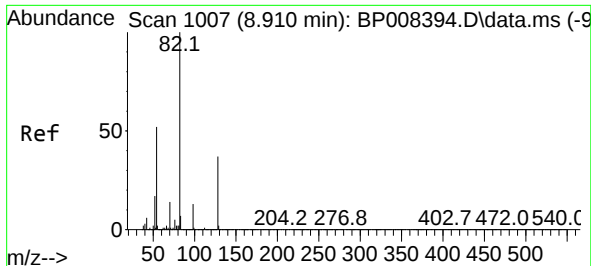
Tgt Ion: 77 Resp: 100
Ion Ratio Lower Upper
77 100
105 77.3 71.8 111.8
106 46.8 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BP008452.D
Acq: 16 Dec 2021 14:49

Tgt Ion:136 Resp: 178359
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 10.7 8.2 12.4
68 7.0 5.8 8.8

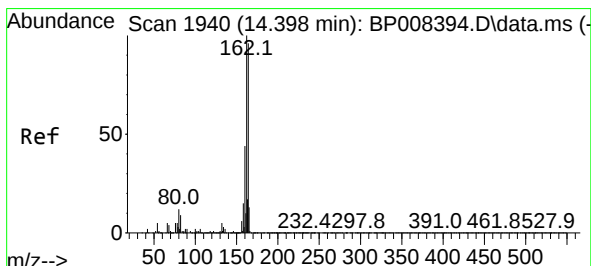
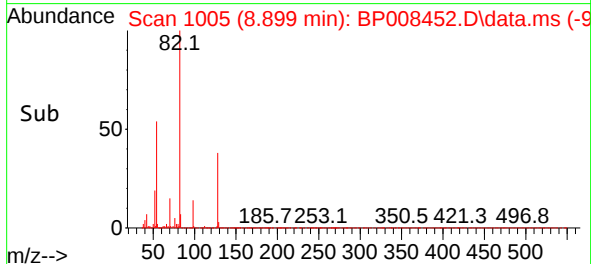
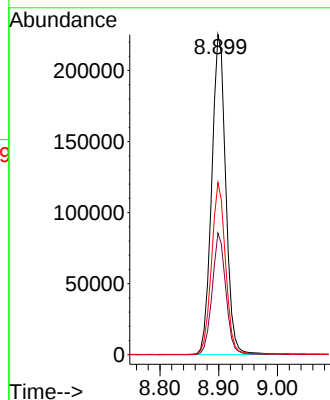
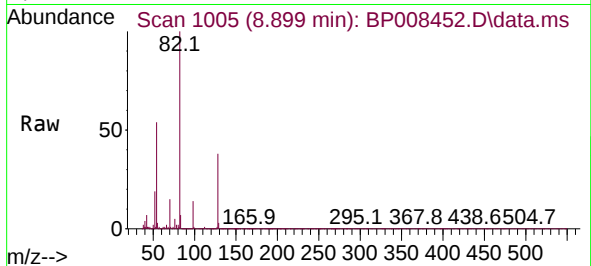




#23
Nitrobenzene-d5
Concen: 88.877 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BP008452.D
Acq: 16 Dec 2021 14:49

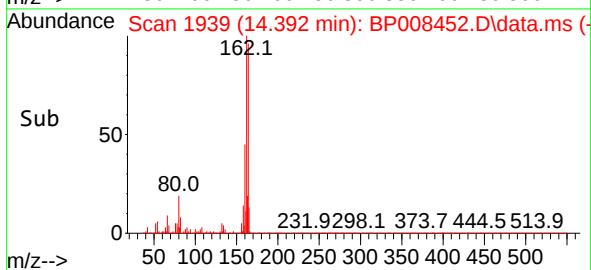
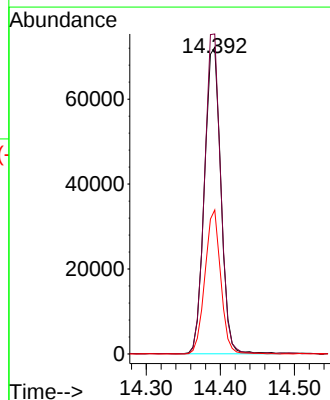
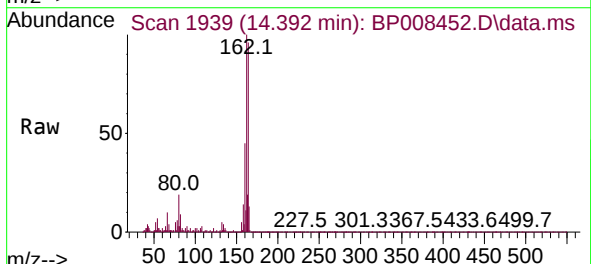
Instrument :
BNA_P
ClientSampleId :
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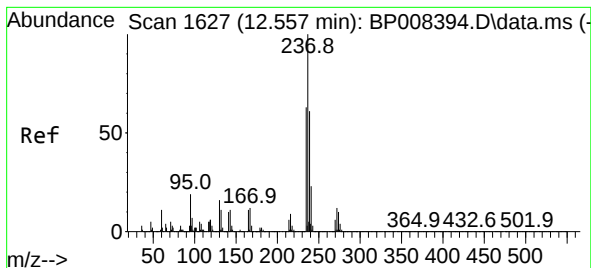
Tgt Ion: 82 Resp: 374179
Ion Ratio Lower Upper
82 100
128 38.0 29.6 44.4
54 53.8 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.392 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BP008452.D
Acq: 16 Dec 2021 14:49

Tgt Ion: 164 Resp: 111581
Ion Ratio Lower Upper
164 100
162 104.3 81.9 122.9
160 47.0 35.4 53.0





#41

Hexachlorocyclopentadiene

Concen: 8.661 ng

RT: 12.363 min Scan# 11

Delta R.T. -0.194 min

Lab File: BP008452.D

Acq: 16 Dec 2021 14:49

Instrument :

BNA_P

ClientSampleId :

BASE

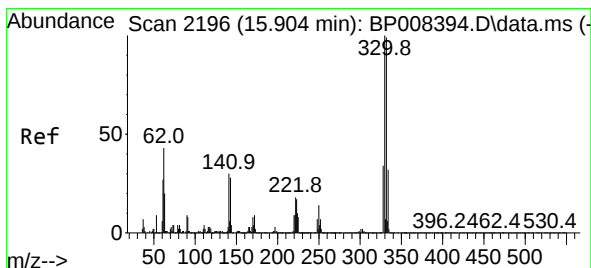
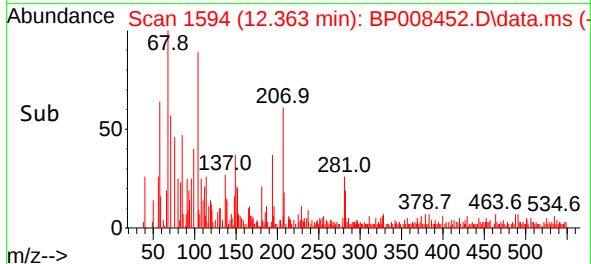
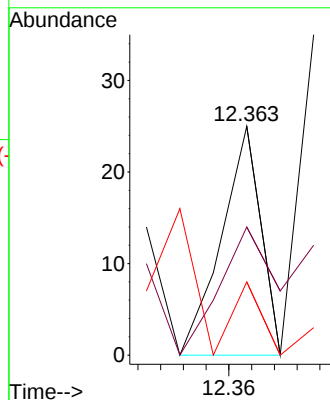
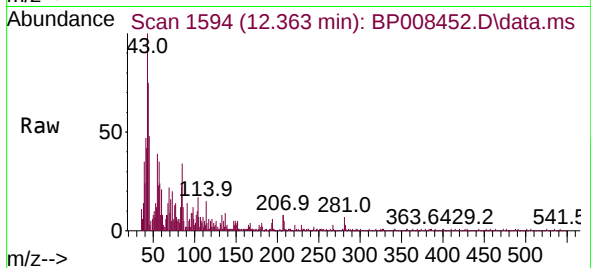
Tgt Ion:237 Resp: 12

Ion Ratio Lower Upper

237 100

235 56.0 42.3 82.3

272 32.0 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 149.502 ng

RT: 15.898 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BP008452.D

Acq: 16 Dec 2021 14:49

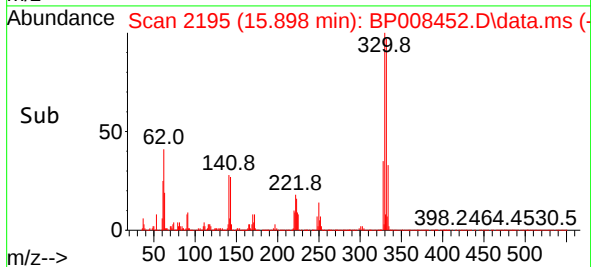
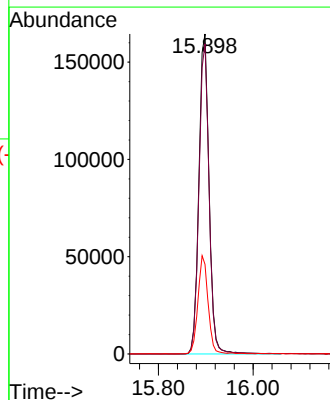
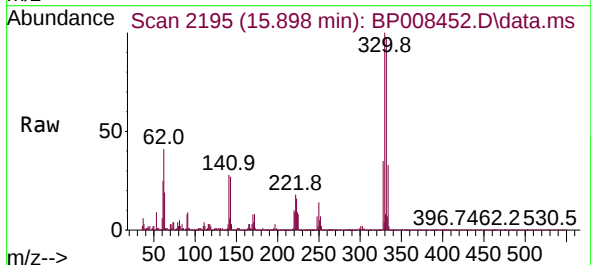
Tgt Ion:330 Resp: 245149

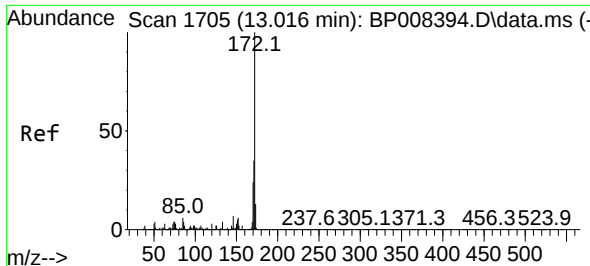
Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 30.6 28.4 42.6

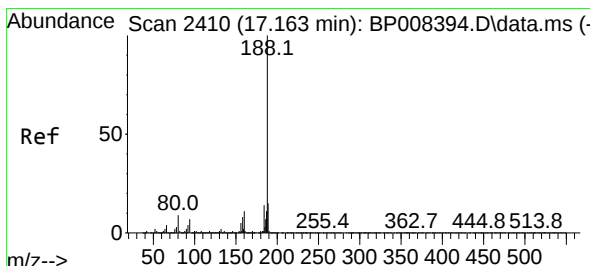
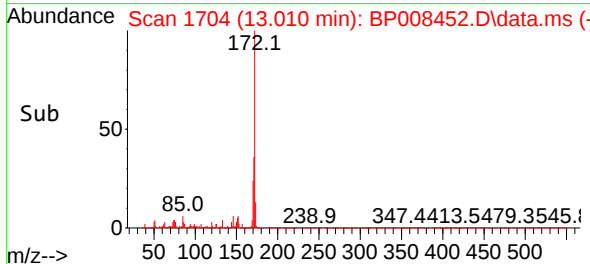
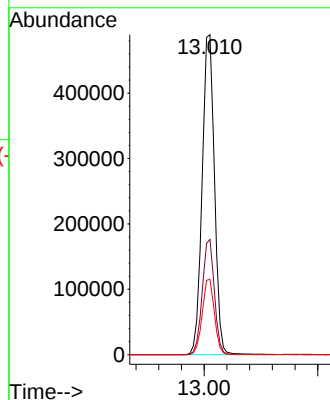
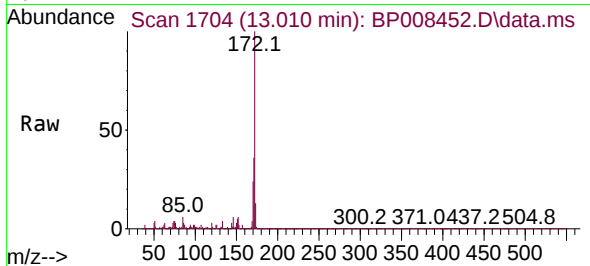




#45
2-Fluorobiphenyl
Concen: 84.120 ng
RT: 13.010 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP008452.D
Acq: 16 Dec 2021 14:49

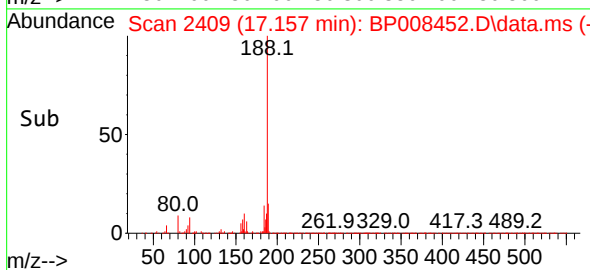
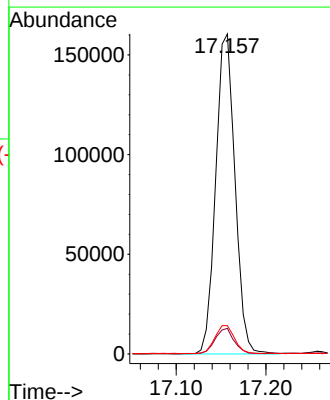
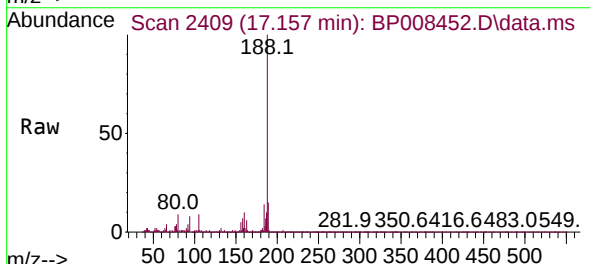
Instrument :
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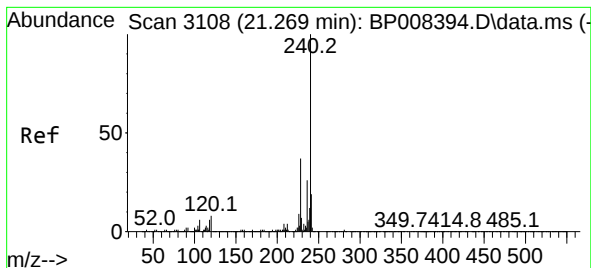
Tgt Ion:172 Resp: 738371
Ion Ratio Lower Upper
172 100
171 36.0 28.0 42.0
170 23.6 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008452.D
Acq: 16 Dec 2021 14:49

Tgt Ion:188 Resp: 239074
Ion Ratio Lower Upper
188 100
94 8.0 7.2 10.8
80 8.9 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.269 min Scan# 3108

Delta R.T. 0.000 min

Lab File: BP008452.D

Acq: 16 Dec 2021 14:49

Instrument :

BNA_P

ClientSampleId :

BASE

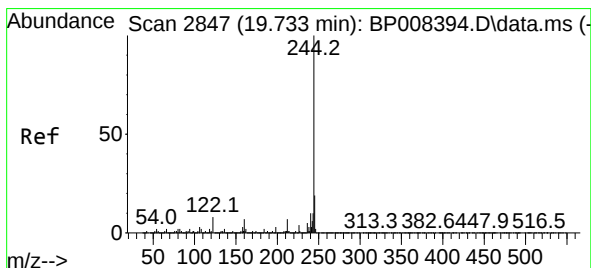
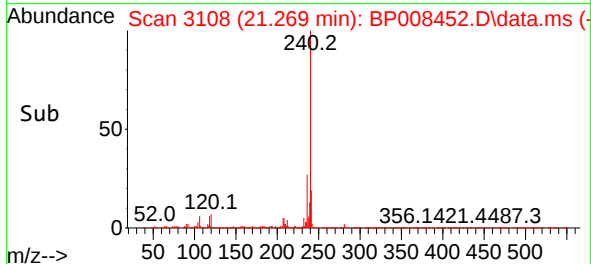
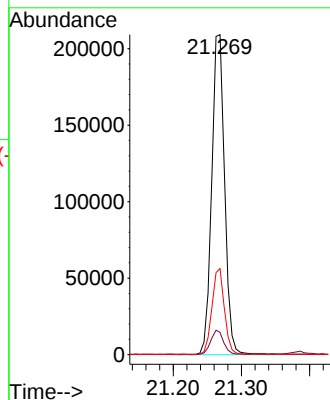
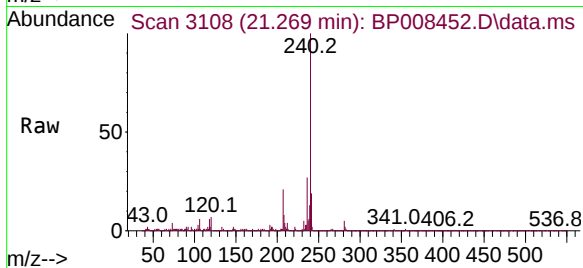
Tgt Ion:240 Resp: 275424

Ion Ratio Lower Upper

240 100

120 7.0 7.3 10.9#

236 26.9 21.4 32.2



#79

Terphenyl-d14

Concen: 84.135 ng

RT: 19.733 min Scan# 2847

Delta R.T. 0.000 min

Lab File: BP008452.D

Acq: 16 Dec 2021 14:49

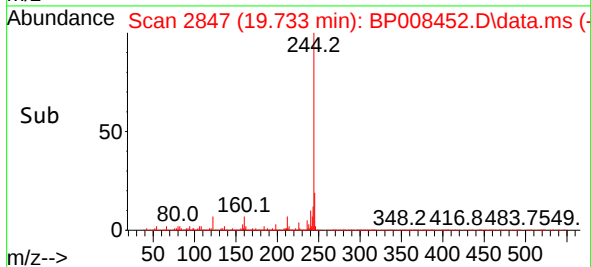
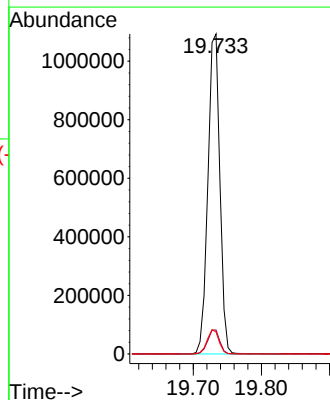
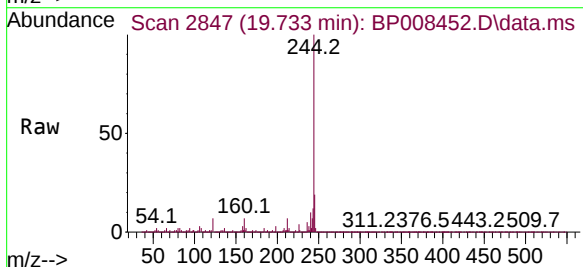
Tgt Ion:244 Resp: 1331474

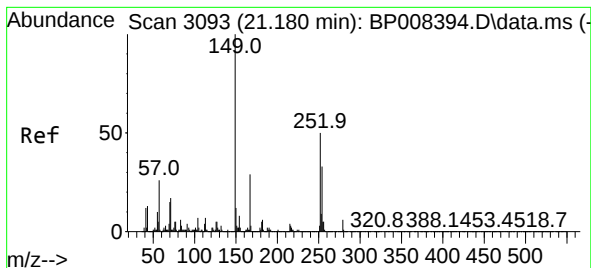
Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 6.8 6.6 9.8

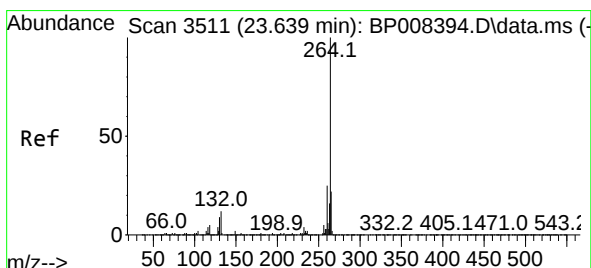
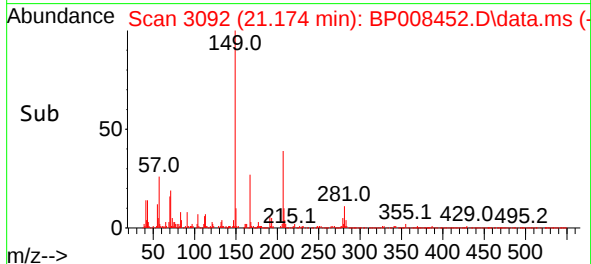
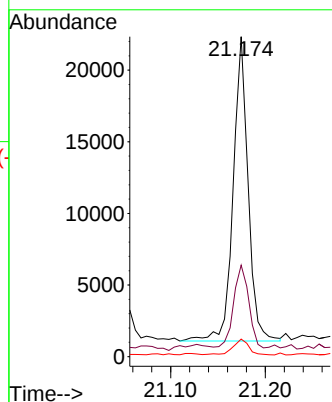
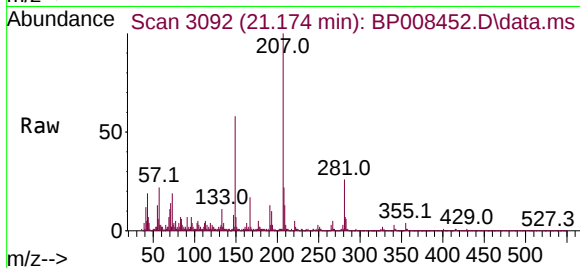




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.308 ng
RT: 21.174 min Scan# 3092
Delta R.T. -0.006 min
Lab File: BP008452.D
Acq: 16 Dec 2021 14:49

Instrument :
BNA_P
ClientSampleId :
BASE

Tgt Ion:149 Resp: 23314
Ion Ratio Lower Upper
149 100
167 28.6 22.5 33.7
279 5.5 3.5 5.3#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.639 min Scan# 3511
Delta R.T. 0.000 min
Lab File: BP008452.D
Acq: 16 Dec 2021 14:49

Tgt Ion:264 Resp: 331413
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.7 17.6 26.4

