

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008448.D
 Acq On : 16 Dec 2021 12:29
 Operator : CG/JU
 Sample : PB141458TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141363TB

Quant Time: Dec 16 14:14:09 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)

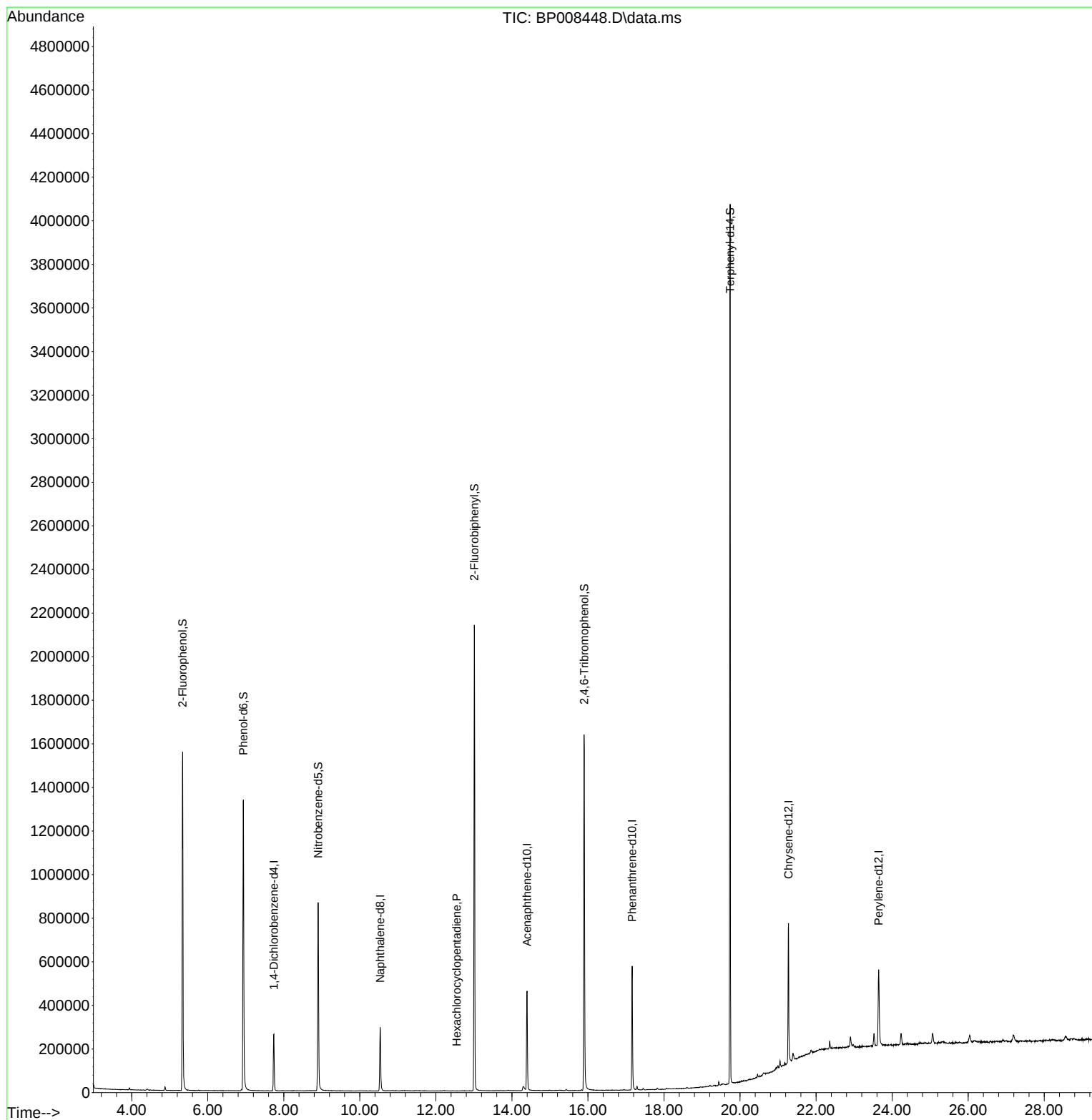
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	68626	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	242274	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	164772	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	362182	20.000	ng	0.00
76) Chrysene-d12	21.274	240	335913	20.000	ng	# 0.00
86) Perylene-d12	23.645	264	296623	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	620499	142.791	ng	0.00
7) Phenol-d6	6.940	99	772249	132.318	ng	0.00
23) Nitrobenzene-d5	8.904	82	517066	90.416	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	346850	143.241	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	1099049	84.790	ng	0.00
79) Terphenyl-d14	19.739	244	1871222	96.949	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.234	88	67	Below Cal	#	1
9) Benzaldehyde	6.887	77	91	Below Cal	#	47
41) Hexachlorocyclopentadiene	12.545	237	21	8.663 ng		82

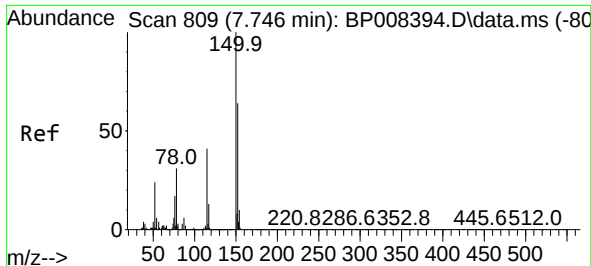
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
Data File : BP008448.D
Acq On : 16 Dec 2021 12:29
Operator : CG/JU
Sample : PB141458TB
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB141363TB

Quant Time: Dec 16 14:14:09 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

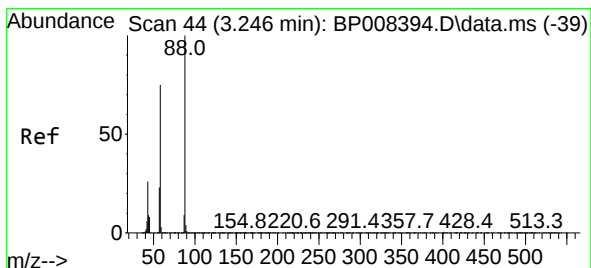
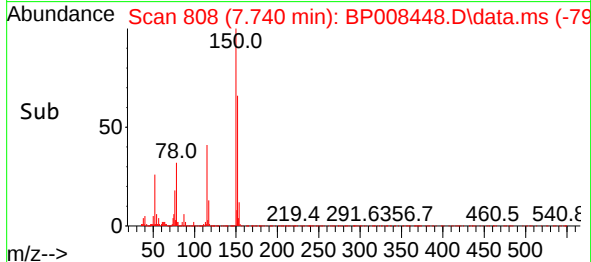
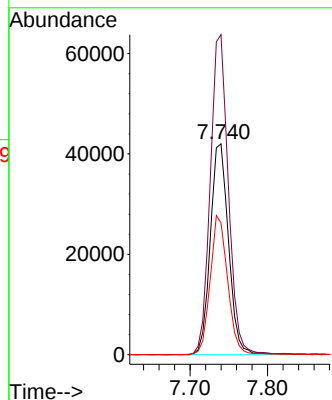
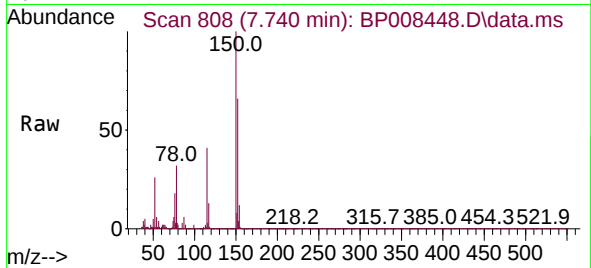




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.740 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BP008448.D
 Acq: 16 Dec 2021 12:29

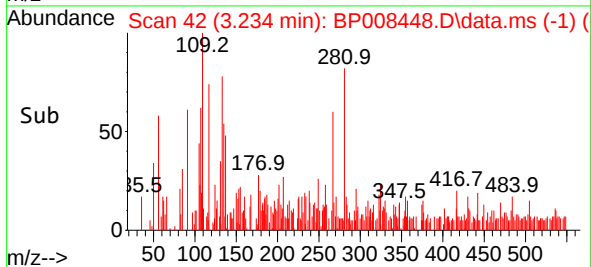
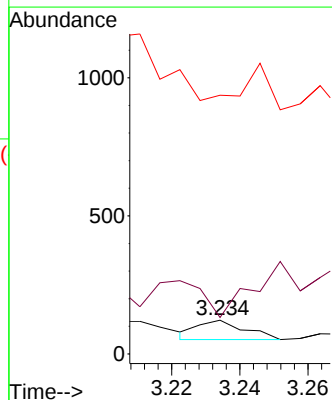
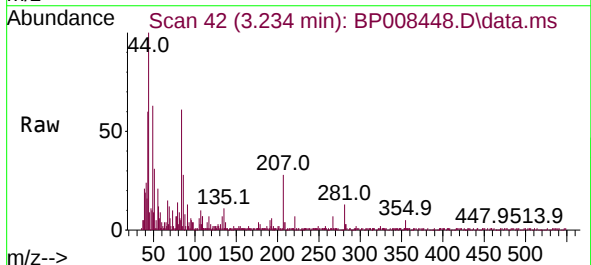
Instrument :
 BNA_P
 ClientSampleId :
 PB141363TB

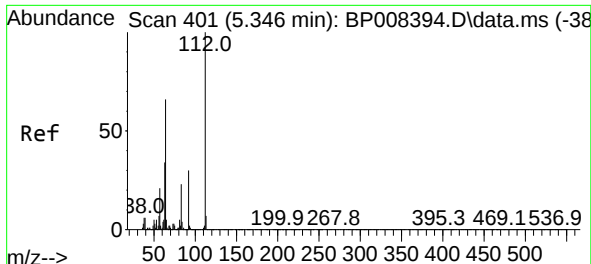
Tgt Ion:152 Resp: 68626
 Ion Ratio Lower Upper
 152 100
 150 151.7 125.7 188.5
 115 62.5 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.234 min Scan# 42
 Delta R.T. -0.012 min
 Lab File: BP008448.D
 Acq: 16 Dec 2021 12:29

Tgt Ion: 88 Resp: 67
 Ion Ratio Lower Upper
 88 100
 58 191.0 63.5 95.3#
 43 0.0 23.4 35.2#

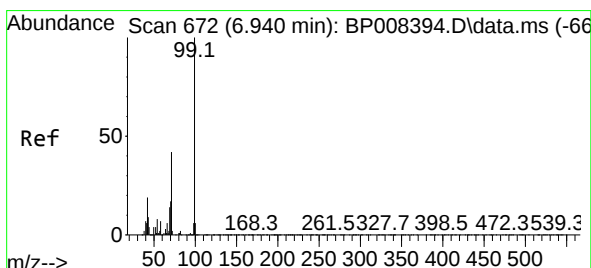
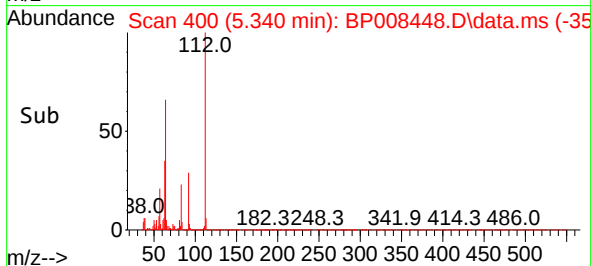
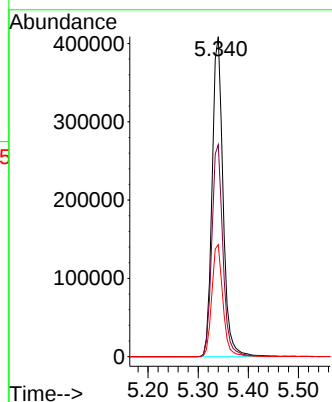
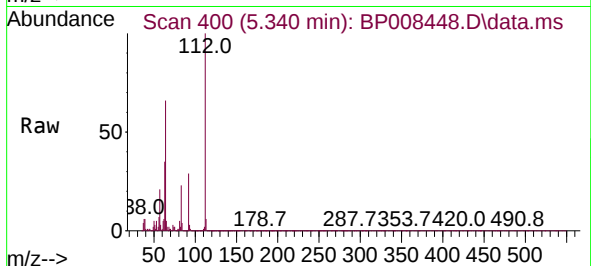




#5
2-Fluorophenol
Concen: 142.791 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008448.D
Acq: 16 Dec 2021 12:29

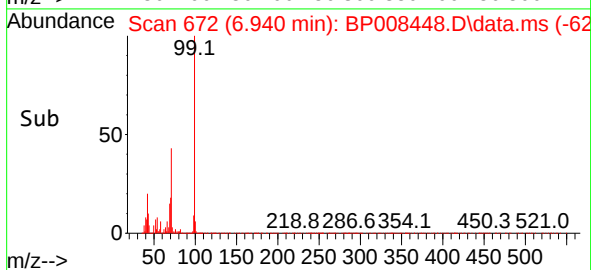
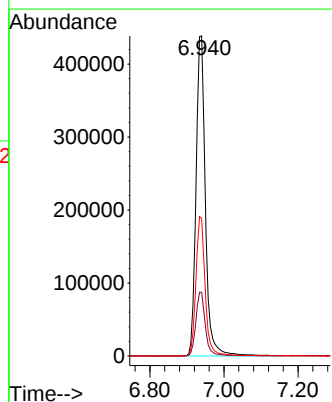
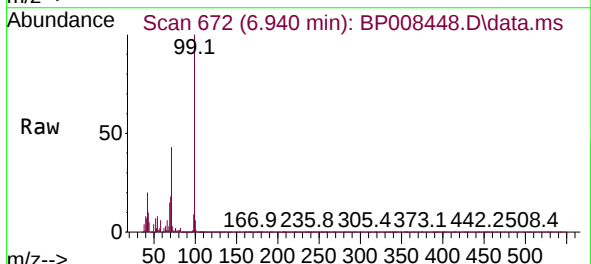
Instrument :
BNA_P
ClientSampleId :
PB141363TB

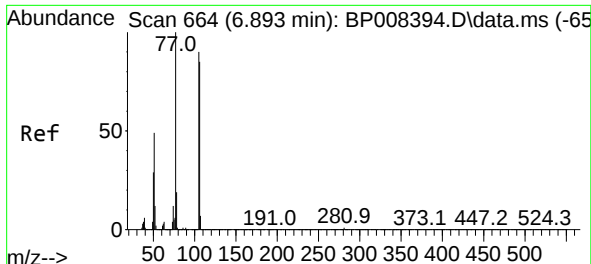
Tgt Ion:112 Resp: 620499
Ion Ratio Lower Upper
112 100
64 66.2 53.4 80.2
63 35.0 27.8 41.8



#7
Phenol-d6
Concen: 132.318 ng
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008448.D
Acq: 16 Dec 2021 12:29

Tgt Ion: 99 Resp: 772249
Ion Ratio Lower Upper
99 100
42 19.9 14.6 22.0
71 43.0 31.1 46.7

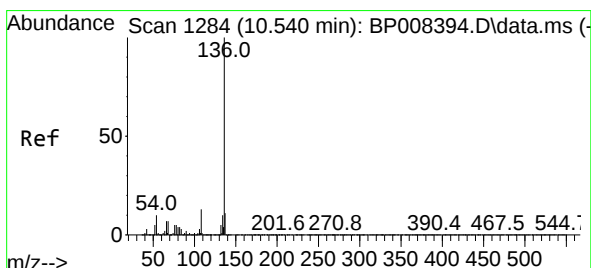
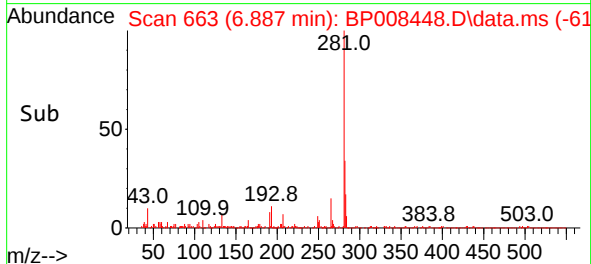
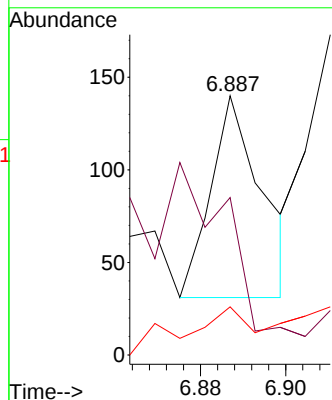
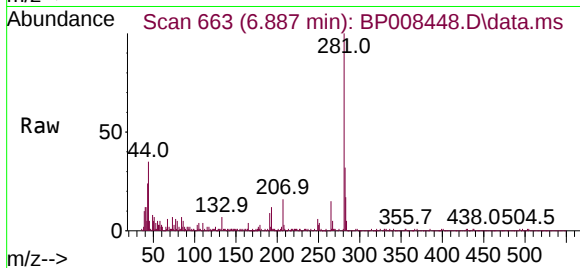




#9
Benzaldehyde
Concen: Below Cal
RT: 6.887 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008448.D
Acq: 16 Dec 2021 12:29

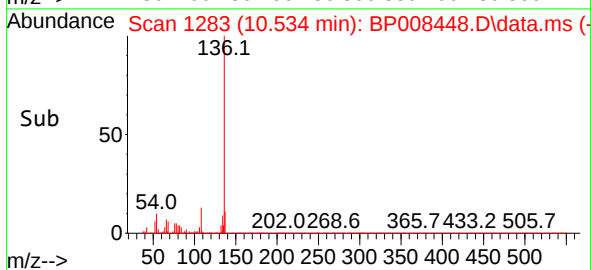
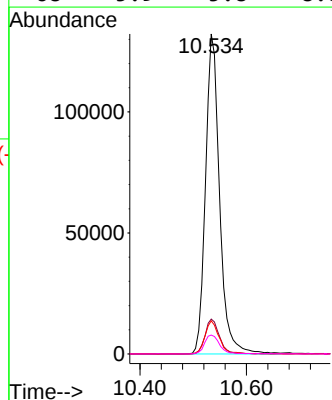
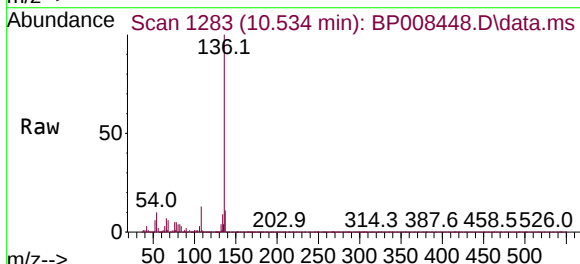
Instrument :
BNA_P
ClientSampleId :
PB141363TB

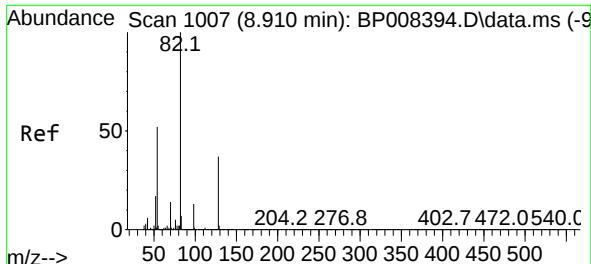
Tgt Ion: 77 Resp: 91
Ion Ratio Lower Upper
77 100
105 60.7 71.8 111.8#
106 18.6 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008448.D
Acq: 16 Dec 2021 12:29

Tgt Ion:136 Resp: 242274
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 10.4 8.2 12.4
68 5.9 5.8 8.8





#23

Nitrobenzene-d5

Concen: 90.416 ng

RT: 8.904 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BP008448.D

Acq: 16 Dec 2021 12:29

Instrument :

BNA_P

ClientSampleId :

PB141363TB

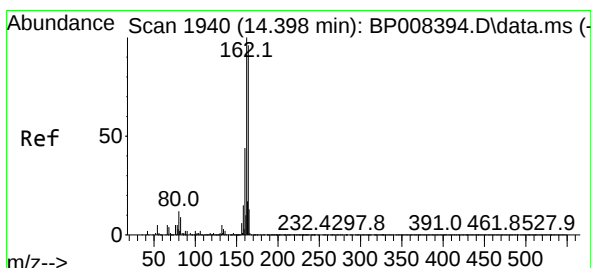
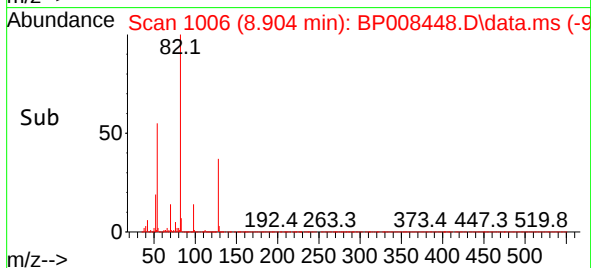
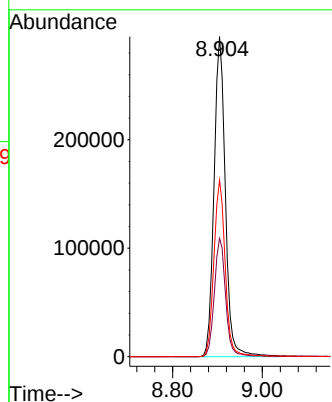
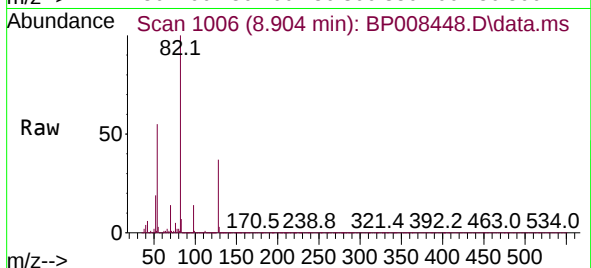
Tgt Ion: 82 Resp: 517066

Ion Ratio Lower Upper

82 100

128 37.0 29.6 44.4

54 55.2 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.398 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BP008448.D

Acq: 16 Dec 2021 12:29

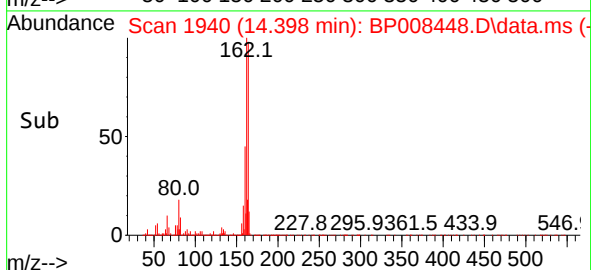
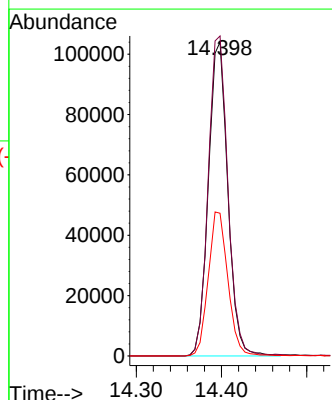
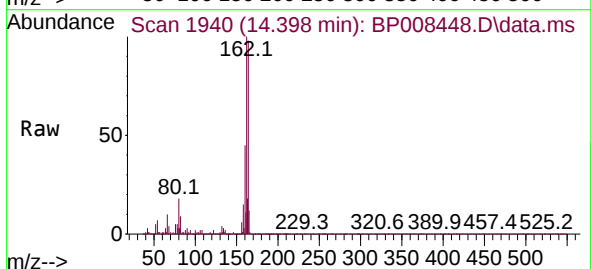
Tgt Ion:164 Resp: 164772

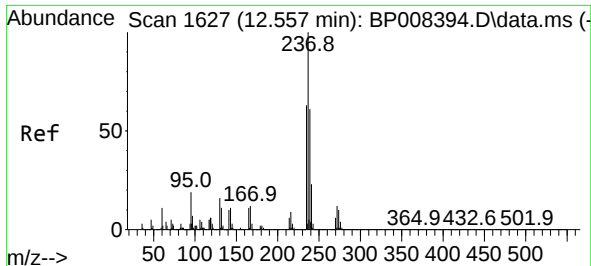
Ion Ratio Lower Upper

164 100

162 101.9 81.9 122.9

160 45.5 35.4 53.0

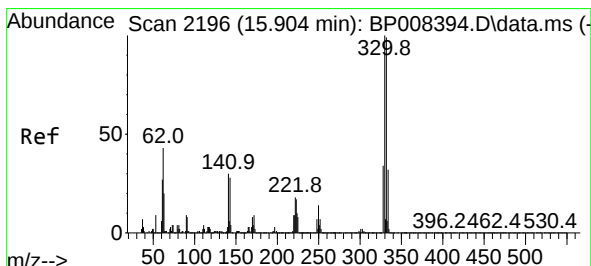
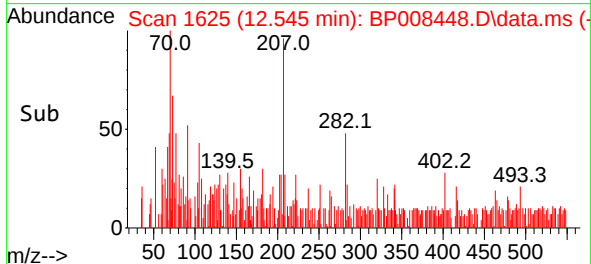
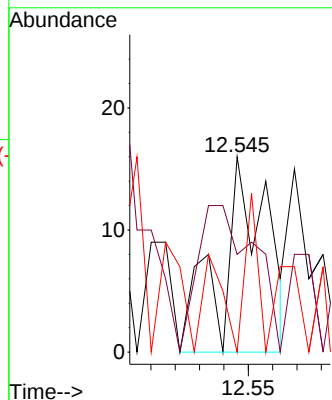
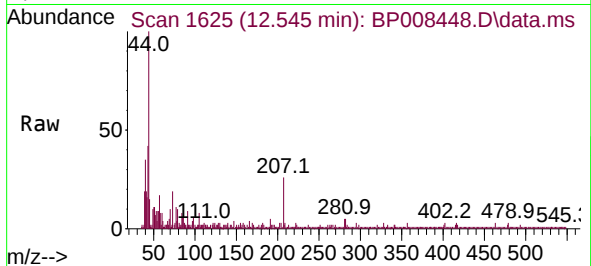




#41
Hexachlorocyclopentadiene
Concen: 8.663 ng
RT: 12.545 min Scan# 1625
Delta R.T. -0.012 min
Lab File: BP008448.D
Acq: 16 Dec 2021 12:29

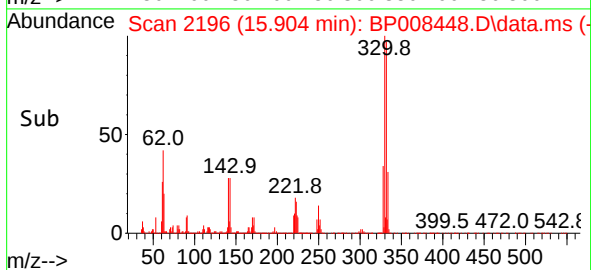
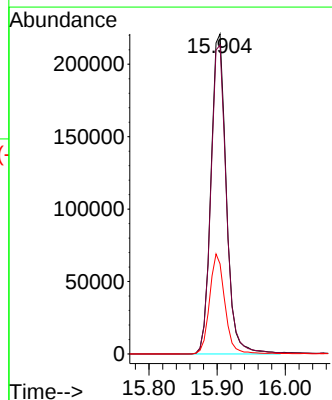
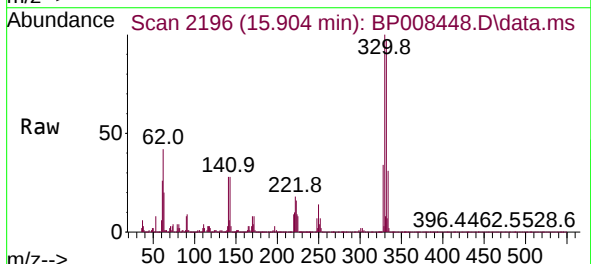
Instrument :
BNA_P
ClientSampleId :
PB141363TB

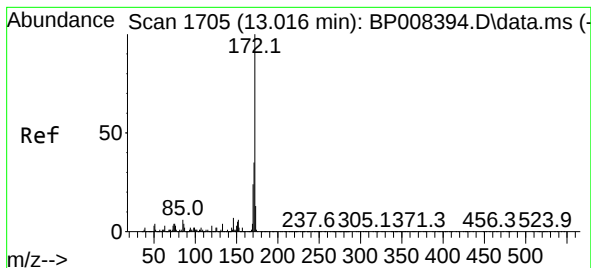
Tgt Ion:237	Resp:	21
Ion Ratio	Lower	Upper
237	100	
235	50.0	42.3 82.3
272	0.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 143.241 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP008448.D
Acq: 16 Dec 2021 12:29

Tgt Ion:330	Resp:	346850
Ion Ratio	Lower	Upper
330	100	
332	98.1	77.0 115.4
141	31.2	28.4 42.6





#45

2-Fluorobiphenyl

Concen: 84.790 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008448.D

Acq: 16 Dec 2021 12:29

Instrument :

BNA_P

ClientSampleId :

PB141363TB

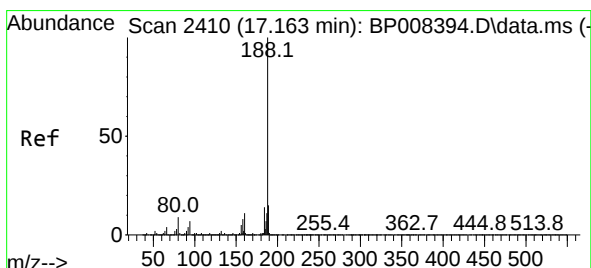
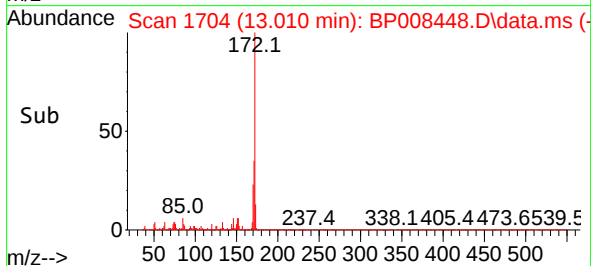
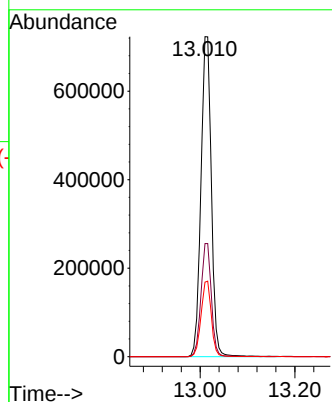
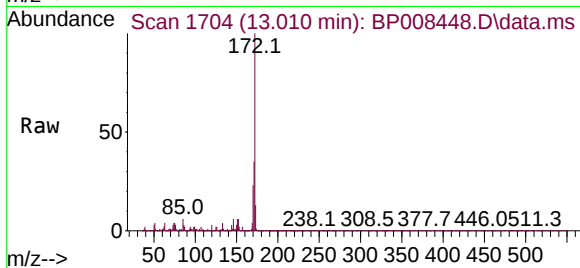
Tgt Ion:172 Resp: 1099049

Ion Ratio Lower Upper

172 100

171 35.4 28.0 42.0

170 23.3 18.9 28.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.163 min Scan# 2410

Delta R.T. -0.000 min

Lab File: BP008448.D

Acq: 16 Dec 2021 12:29

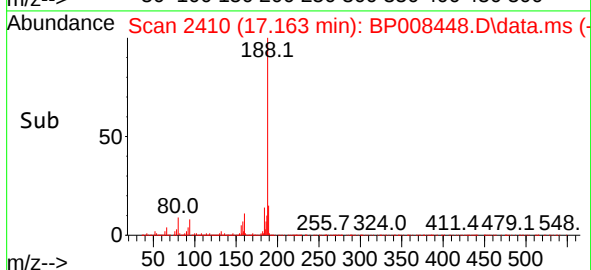
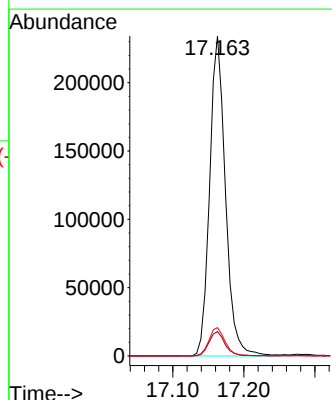
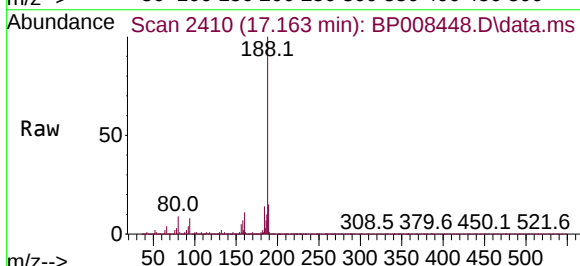
Tgt Ion:188 Resp: 362182

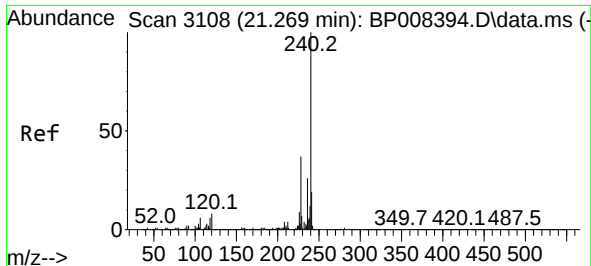
Ion Ratio Lower Upper

188 100

94 7.6 7.2 10.8

80 8.9 8.2 12.4

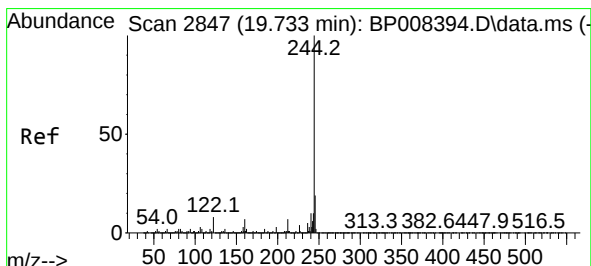
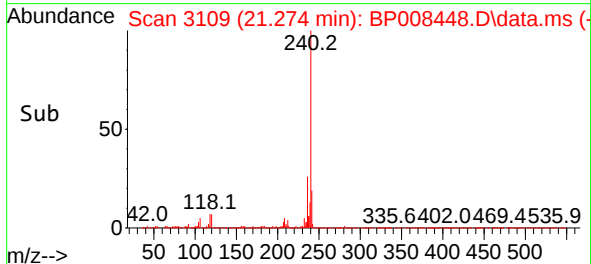
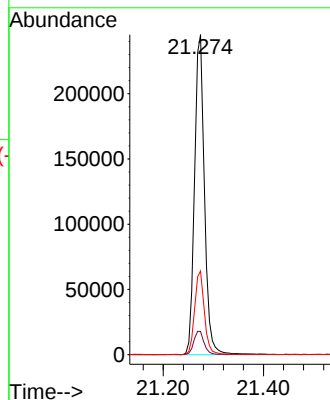
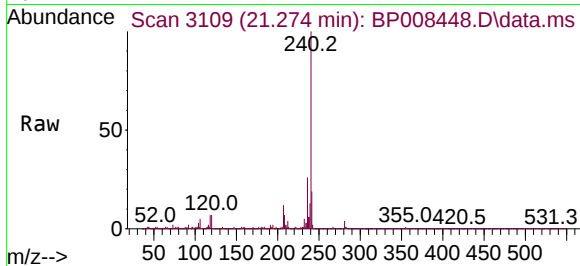




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.274 min Scan# 3108
Delta R.T. 0.006 min
Lab File: BP008448.D
Acq: 16 Dec 2021 12:29

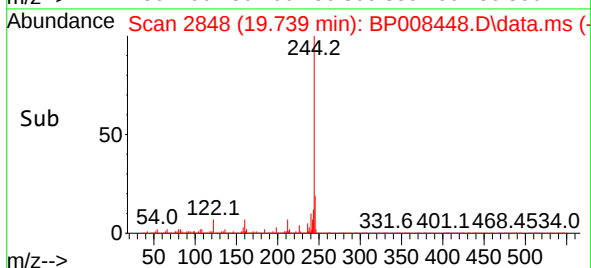
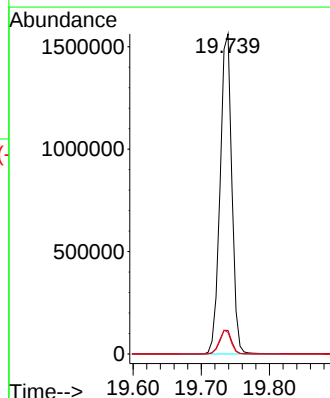
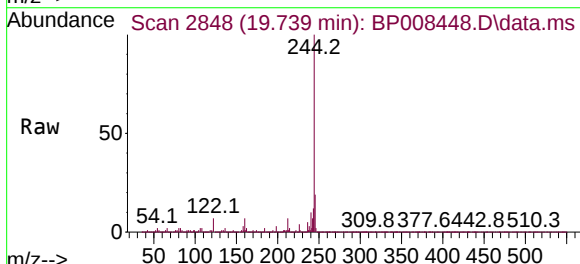
Instrument :
BNA_P
ClientSampleId :
PB141363TB

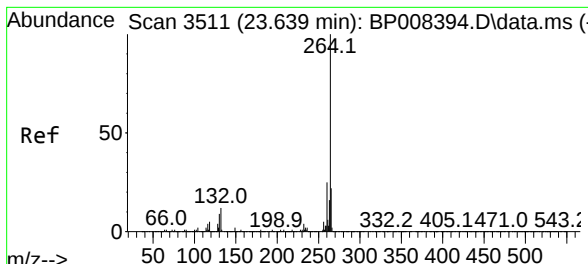
Tgt Ion:240 Resp: 335913
Ion Ratio Lower Upper
240 100
120 7.3 7.3 10.9#
236 26.2 21.4 32.2



#79
Terphenyl-d14
Concen: 96.949 ng
RT: 19.739 min Scan# 2848
Delta R.T. 0.006 min
Lab File: BP008448.D
Acq: 16 Dec 2021 12:29

Tgt Ion:244 Resp: 1871222
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 6.7 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.645 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP008448.D
 Acq: 16 Dec 2021 12:29

Instrument :
 BNA_P
 ClientSampleId :
 PB141363TB

Tgt Ion:264 Resp: 296623

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	22.9	17.6	26.4

