

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008449.D
 Acq On : 16 Dec 2021 13:03
 Operator : CG/JU
 Sample : PB141308TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141308TB

Quant Time: Dec 16 14:14:31 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)

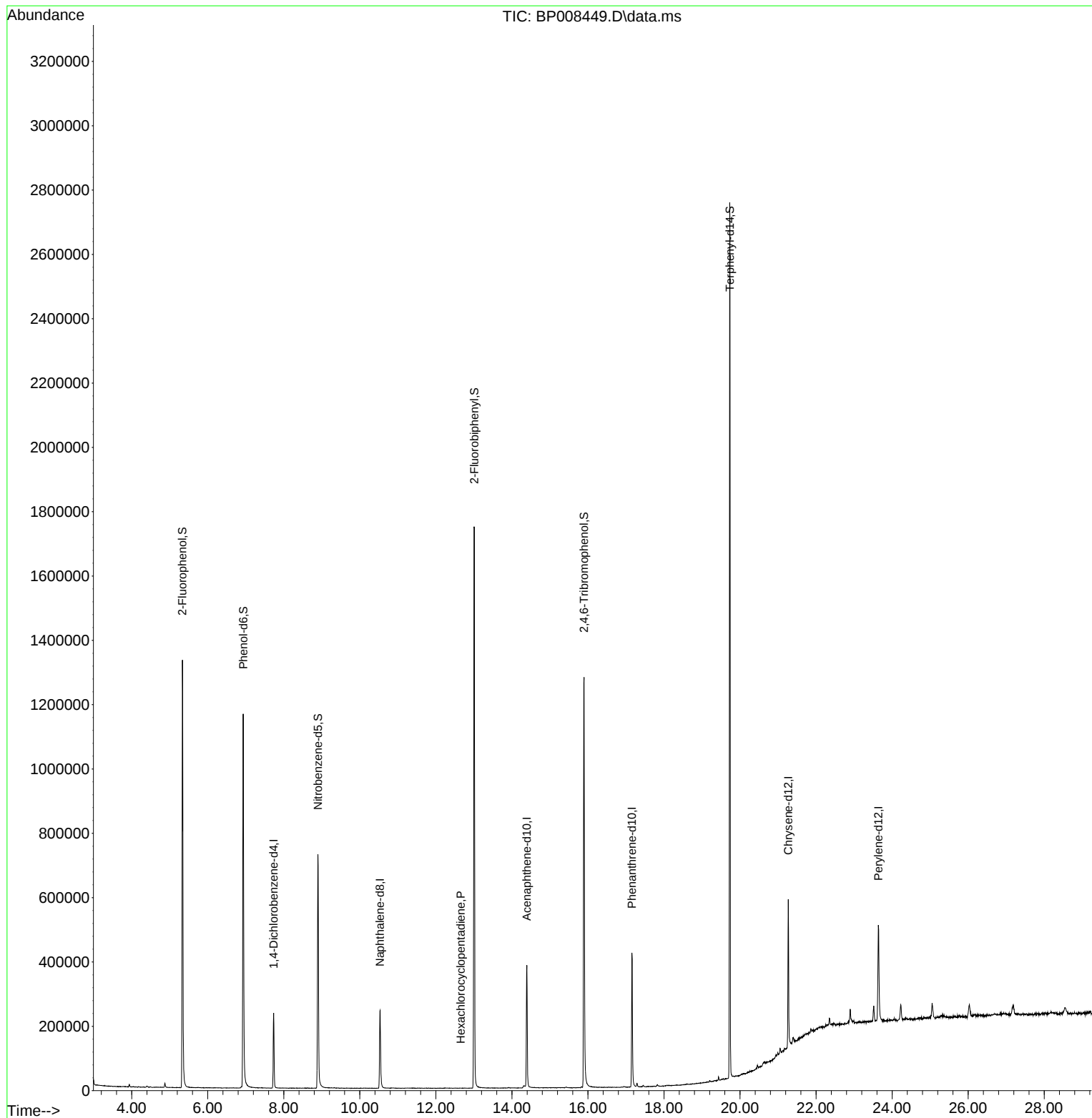
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	60296	20.000	ng	-0.01
21) Naphthalene-d8	10.528	136	220026	20.000	ng	-0.01
39) Acenaphthene-d10	14.392	164	141578	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	289796	20.000	ng	0.00
76) Chrysene-d12	21.269	240	240332	20.000	ng	0.00
86) Perylene-d12	23.639	264	258149	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	539575	141.322	ng	-0.01
7) Phenol-d6	6.934	99	661998	129.098	ng	0.00
23) Nitrobenzene-d5	8.899	82	453459	87.311	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	275303	132.319	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	949436	85.248	ng	0.00
79) Terphenyl-d14	19.733	244	1314826	95.214	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.205	88	171	Below Cal	#	30
9) Benzaldehyde	6.887	77	100	Below Cal	#	46
41) Hexachlorocyclopentadiene	12.651	237	16	8.661 ng		74

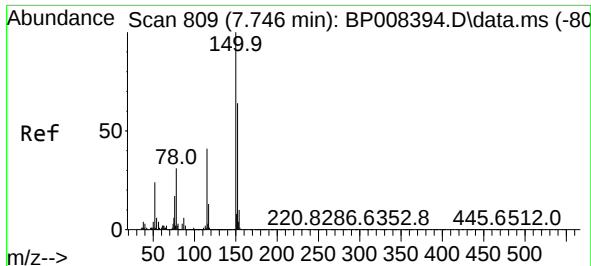
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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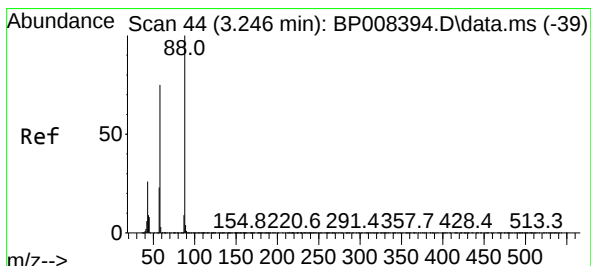
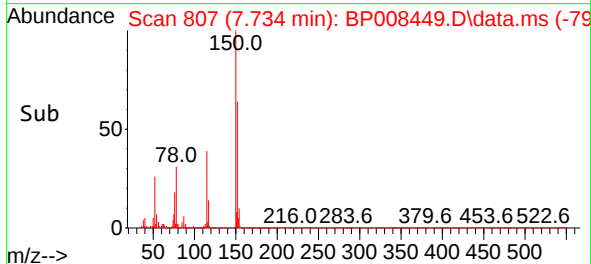
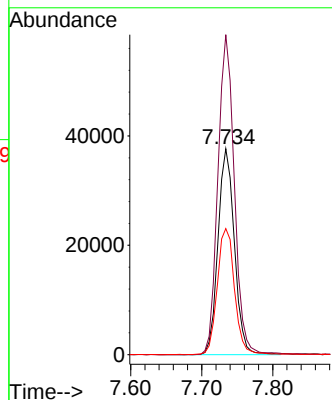
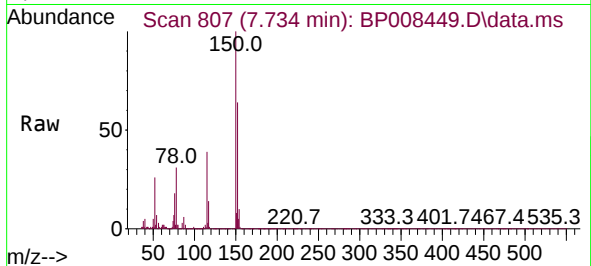




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.734 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP008449.D
 Acq: 16 Dec 2021 13:03

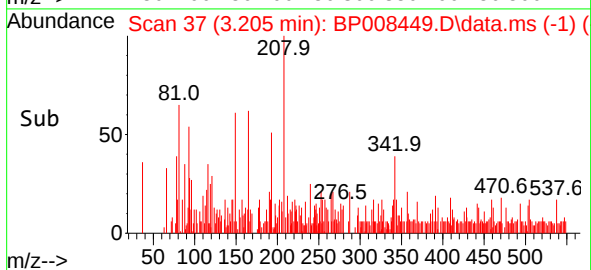
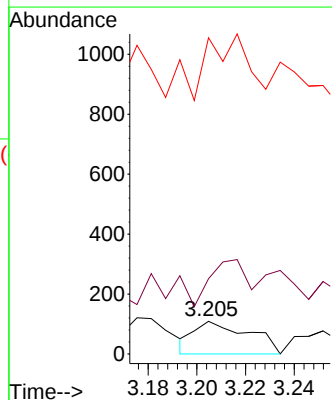
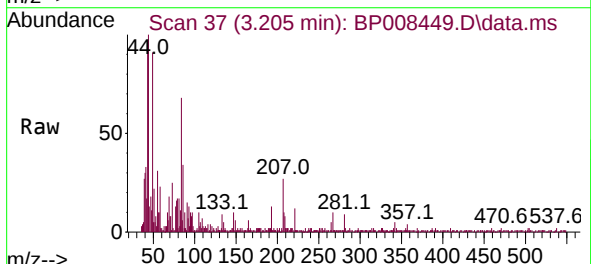
Instrument :
 BNA_P
 ClientSampleId :
 PB141308TB

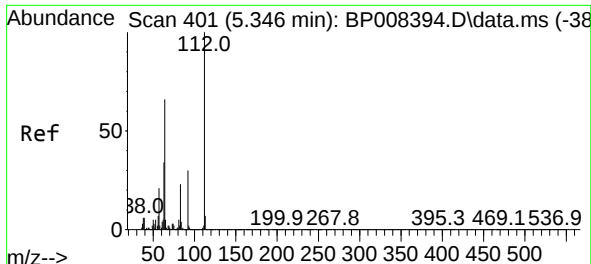
Tgt Ion:152 Resp: 60296
 Ion Ratio Lower Upper
 152 100
 150 155.4 125.7 188.5
 115 61.2 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.205 min Scan# 37
 Delta R.T. -0.041 min
 Lab File: BP008449.D
 Acq: 16 Dec 2021 13:03

Tgt Ion: 88 Resp: 171
 Ion Ratio Lower Upper
 88 100
 58 94.2 63.5 95.3
 43 143.3 23.4 35.2#

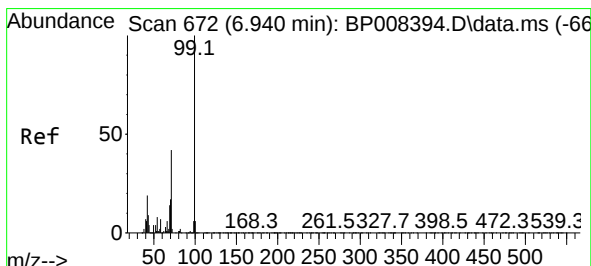
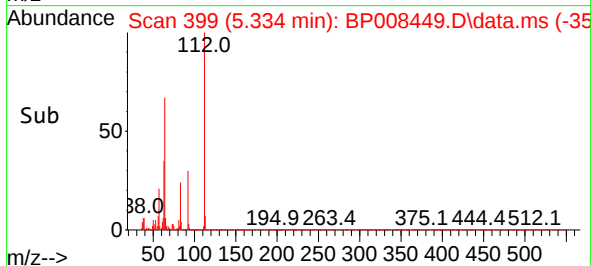
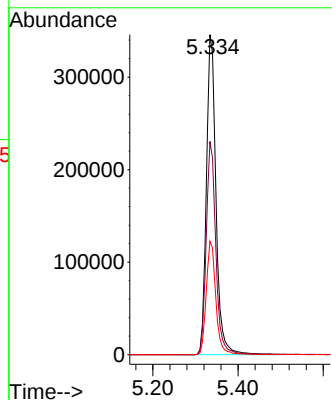
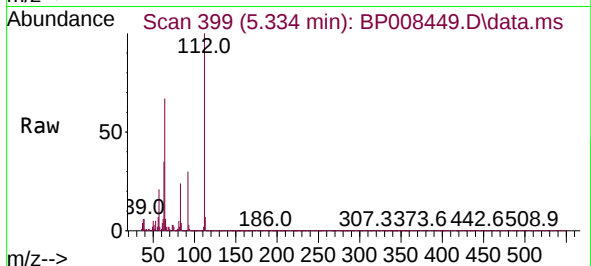




#5
2-Fluorophenol
Concen: 141.322 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP008449.D
Acq: 16 Dec 2021 13:03

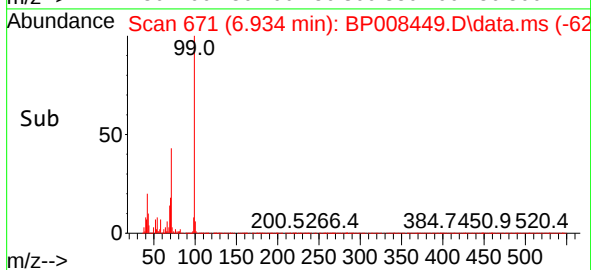
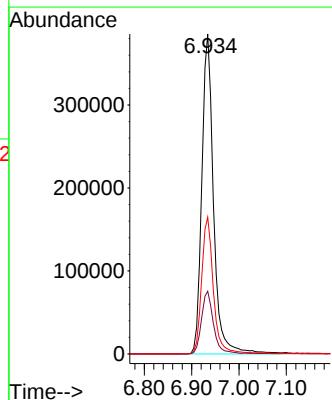
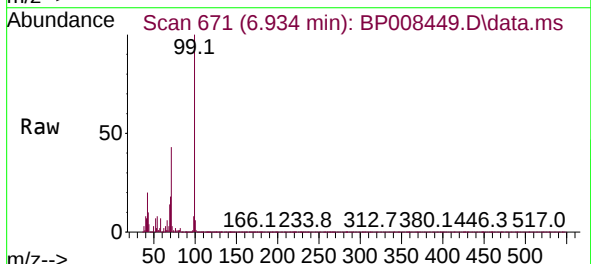
Instrument :
BNA_P
ClientSampleId :
PB141308TB

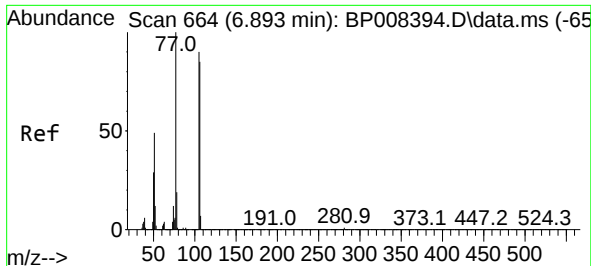
Tgt Ion:112 Resp: 539575
Ion Ratio Lower Upper
112 100
64 66.7 53.4 80.2
63 35.4 27.8 41.8



#7
Phenol-d6
Concen: 129.098 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008449.D
Acq: 16 Dec 2021 13:03

Tgt Ion: 99 Resp: 661998
Ion Ratio Lower Upper
99 100
42 19.6 14.6 22.0
71 42.8 31.1 46.7

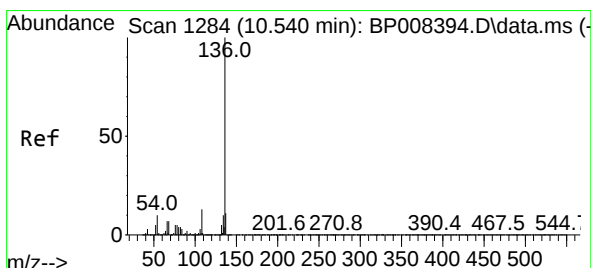
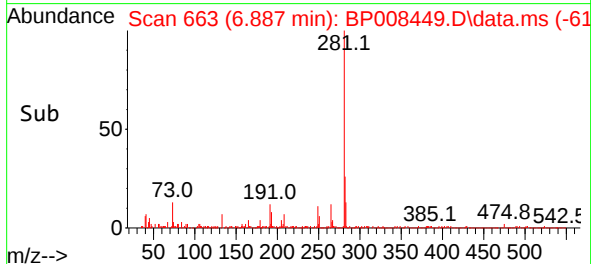
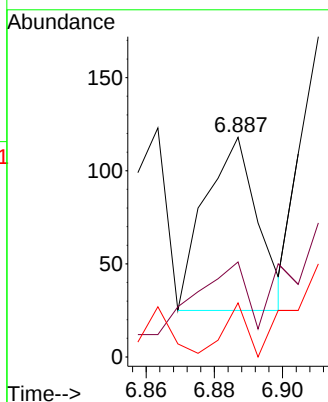
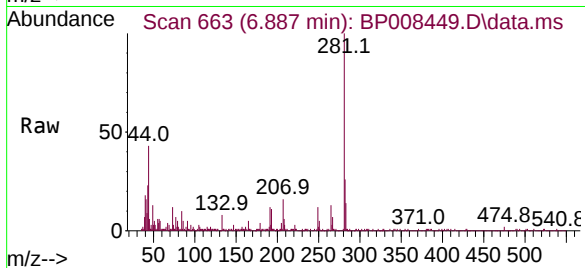




#9
Benzaldehyde
Concen: Below Cal
RT: 6.887 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008449.D
Acq: 16 Dec 2021 13:03

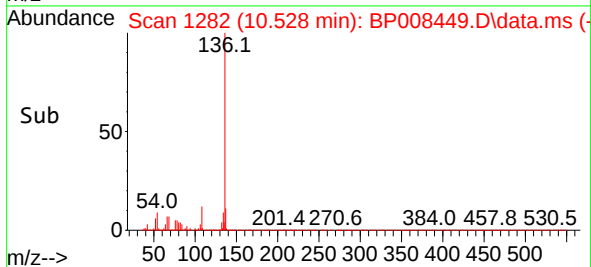
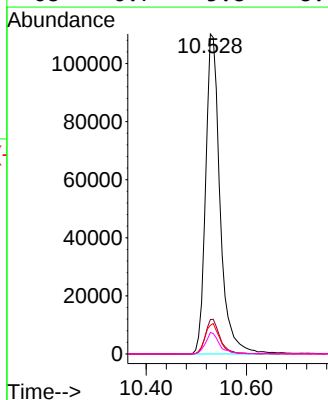
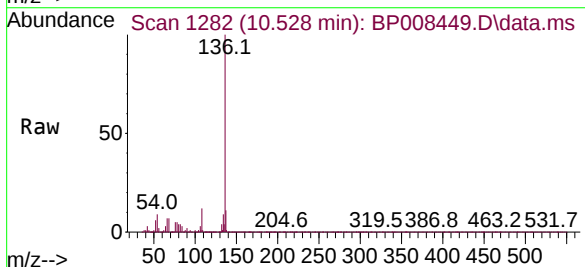
Instrument :
BNA_P
ClientSampleId :
PB141308TB

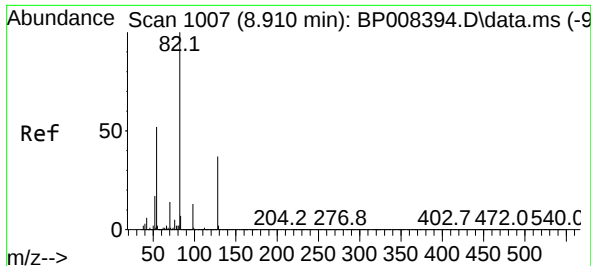
Tgt Ion: 77 Resp: 100
Ion Ratio Lower Upper
77 100
105 43.2 71.8 111.8#
106 34.7 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.528 min Scan# 1282
Delta R.T. -0.012 min
Lab File: BP008449.D
Acq: 16 Dec 2021 13:03

Tgt Ion: 136 Resp: 220026
Ion Ratio Lower Upper
136 100
137 10.8 9.0 13.6
54 9.0 8.2 12.4
68 6.7 5.8 8.8





#23

Nitrobenzene-d5

Concen: 87.311 ng

RT: 8.899 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BP008449.D

Acq: 16 Dec 2021 13:03

Instrument :

BNA_P

ClientSampleId :

PB141308TB

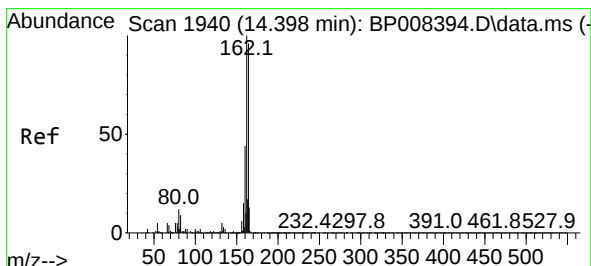
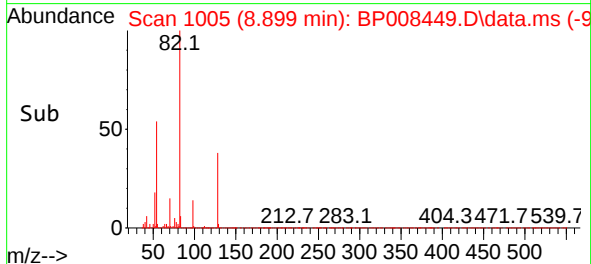
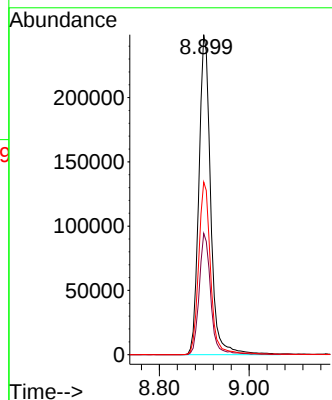
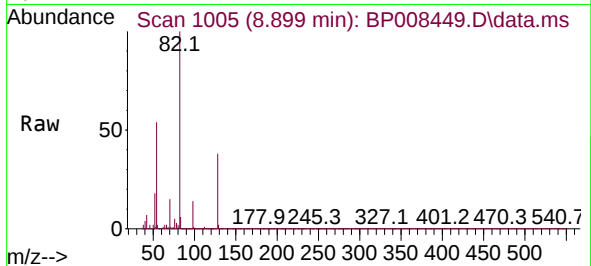
Tgt Ion: 82 Resp: 453459

Ion Ratio Lower Upper

82 100

128 37.9 29.6 44.4

54 54.0 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: BP008449.D

Acq: 16 Dec 2021 13:03

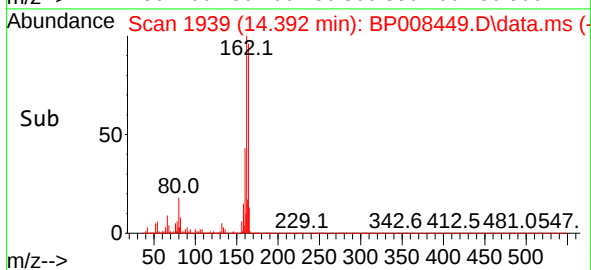
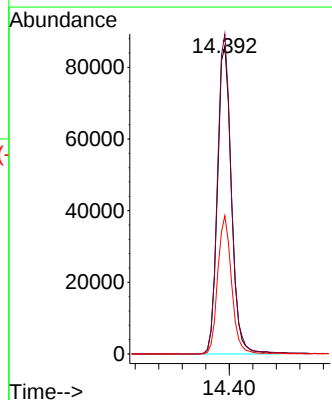
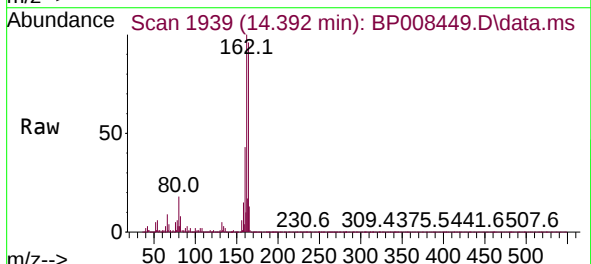
Tgt Ion:164 Resp: 141578

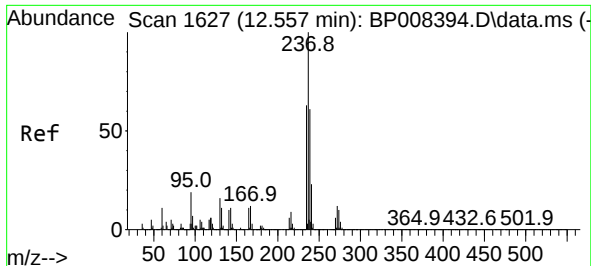
Ion Ratio Lower Upper

164 100

162 104.0 81.9 122.9

160 44.9 35.4 53.0

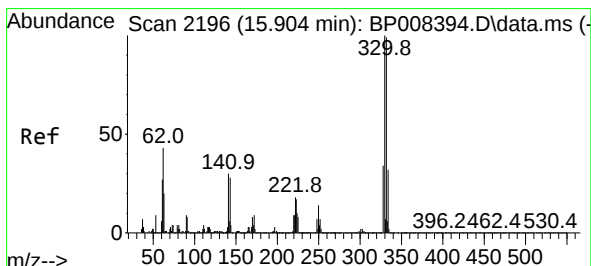
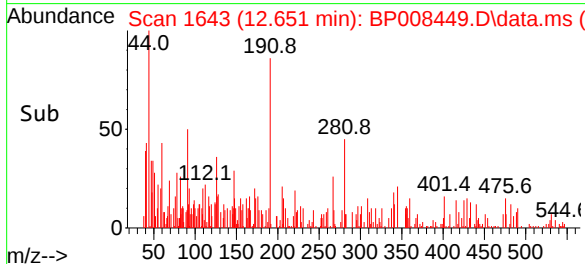
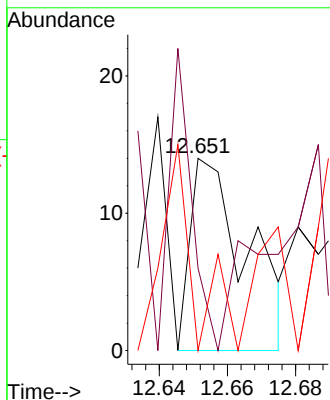
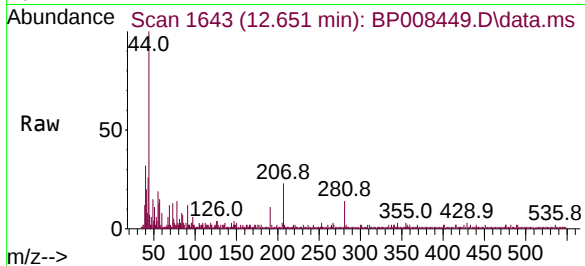




#41
Hexachlorocyclopentadiene
Concen: 8.661 ng
RT: 12.651 min Scan# 1643
Delta R.T. 0.094 min
Lab File: BP008449.D
Acq: 16 Dec 2021 13:03

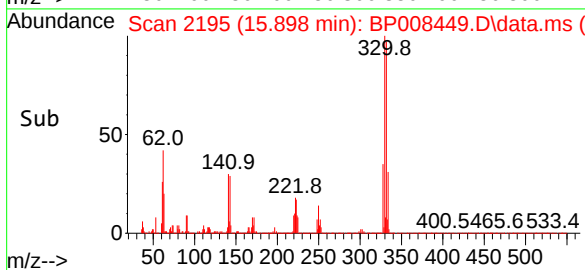
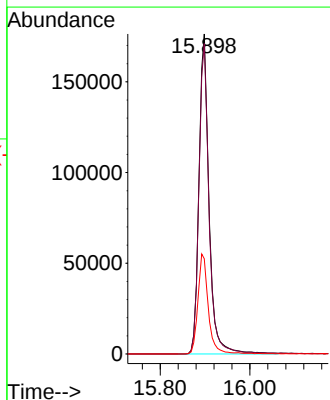
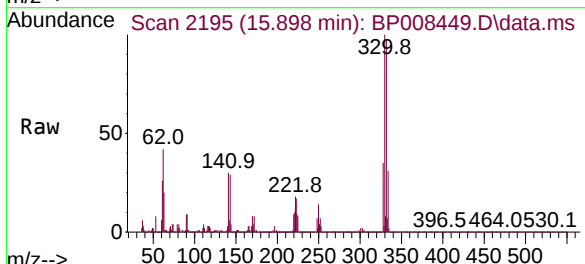
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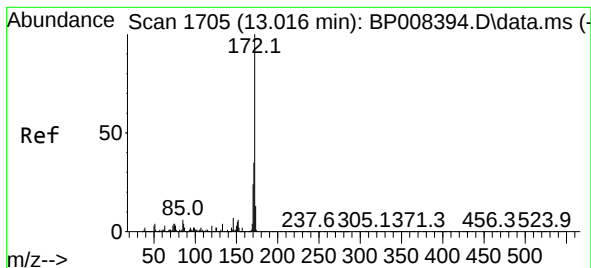
Tgt Ion:	237	Resp:	16
Ion	Ratio	Lower	Upper
237	100		
235	42.9	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 132.319 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008449.D
Acq: 16 Dec 2021 13:03

Tgt Ion:	330	Resp:	275303
Ion	Ratio	Lower	Upper
330	100		
332	97.3	77.0	115.4
141	32.1	28.4	42.6





#45

2-Fluorobiphenyl

Concen: 85.248 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008449.D

Acq: 16 Dec 2021 13:03

Instrument :

BNA_P

ClientSampleId :

PB141308TB

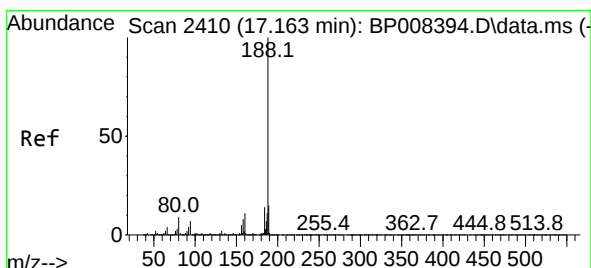
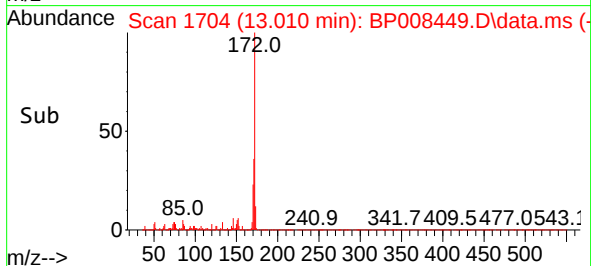
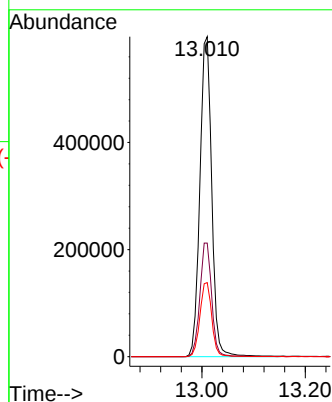
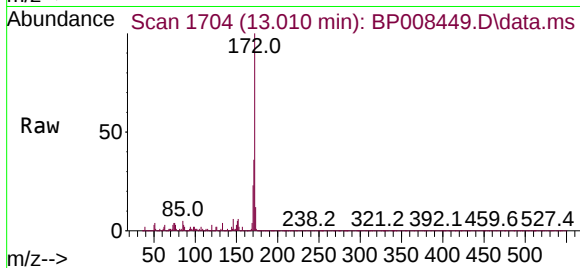
Tgt Ion:172 Resp: 949436

Ion Ratio Lower Upper

172 100

171 35.5 28.0 42.0

170 23.2 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: BP008449.D

Acq: 16 Dec 2021 13:03

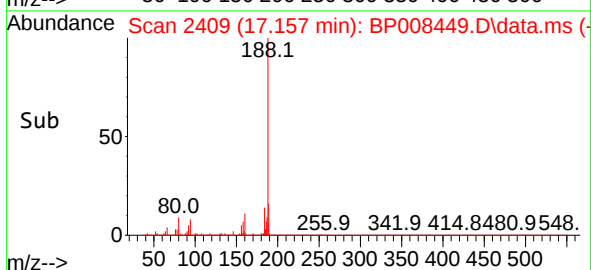
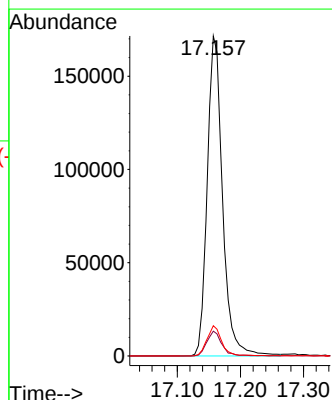
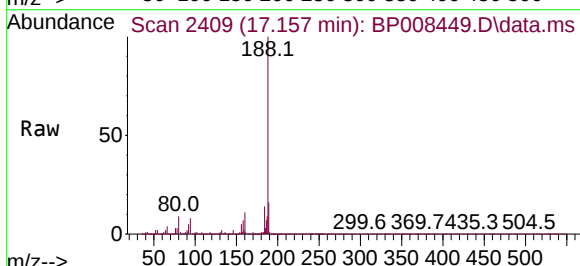
Tgt Ion:188 Resp: 289796

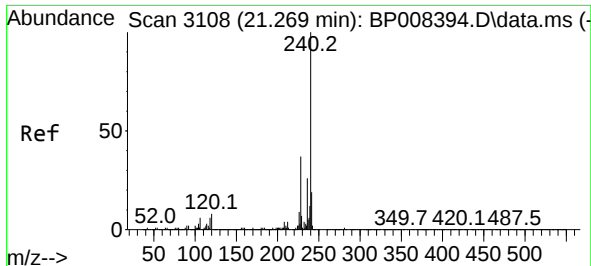
Ion Ratio Lower Upper

188 100

94 7.8 7.2 10.8

80 9.4 8.2 12.4

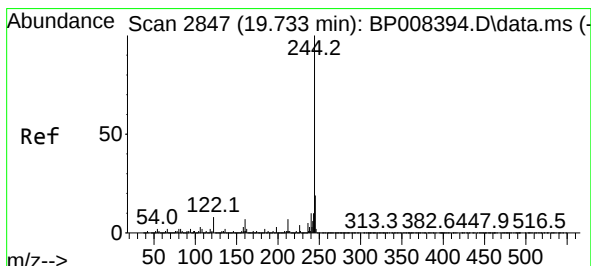
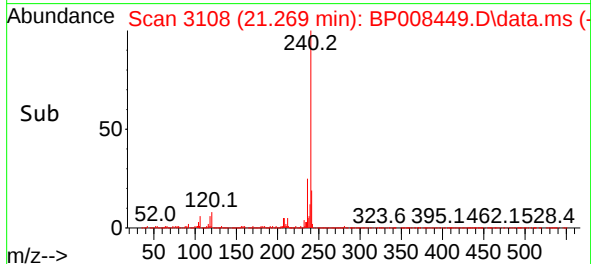
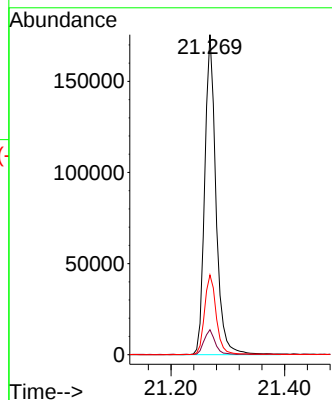
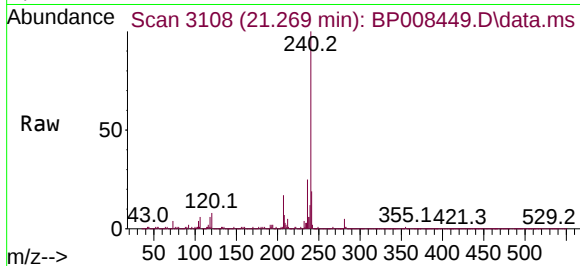




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008449.D
Acq: 16 Dec 2021 13:03

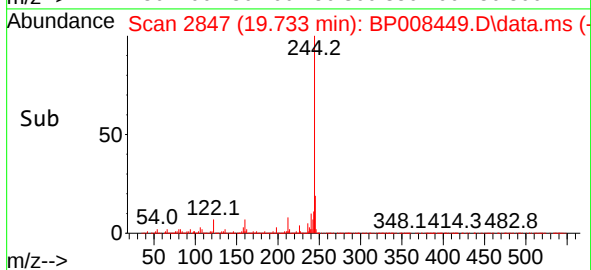
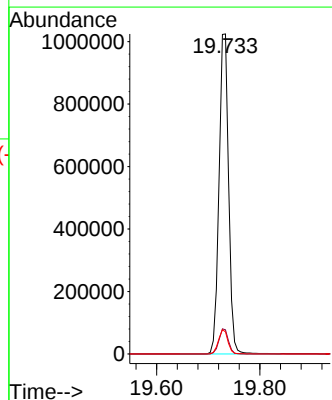
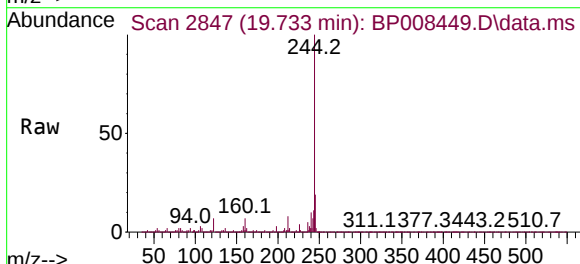
Instrument :
BNA_P
ClientSampleId :
PB141308TB

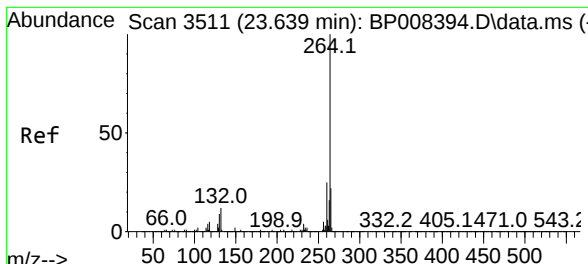
Tgt Ion:240 Resp: 240332
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 24.9 21.4 32.2



#79
Terphenyl-d14
Concen: 95.214 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP008449.D
Acq: 16 Dec 2021 13:03

Tgt Ion:244 Resp: 1314826
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 6.9 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: BP008449.D
 Acq: 16 Dec 2021 13:03

Instrument :
 BNA_P
 ClientSampleId :
 PB141308TB

Tgt Ion: 264 Resp: 258149

Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.4	29.2
265	22.3	17.6	26.4

