

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008457.D
 Acq On : 16 Dec 2021 17:40
 Operator : CG/JU
 Sample : M4967-05RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-7DRE

Quant Time: Dec 17 03:22:57 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)

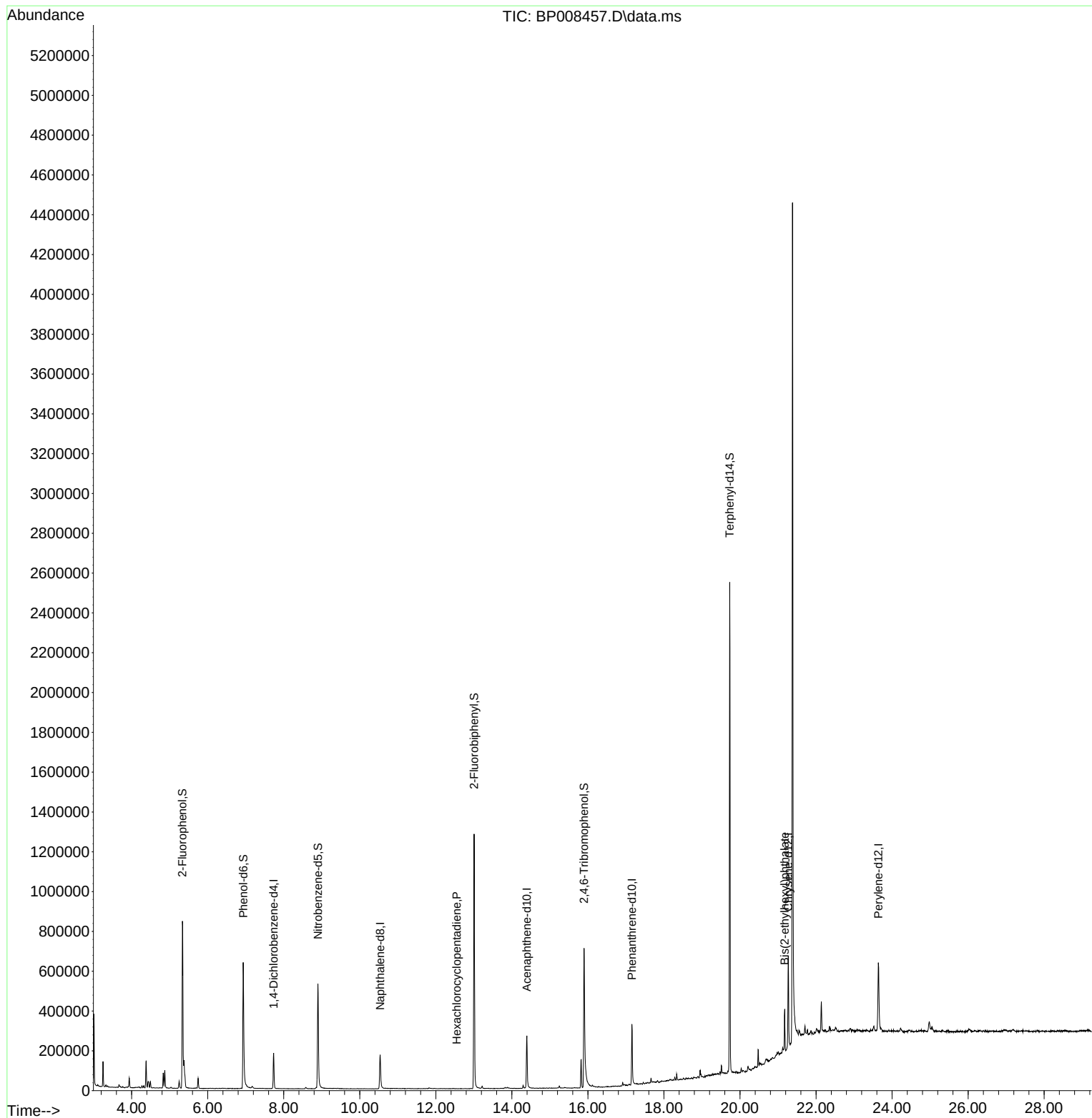
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	44756	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	155622	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	96364	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	205363	20.000	ng	0.00
76) Chrysene-d12	21.269	240	236926	20.000	ng	0.00
86) Perylene-d12	23.639	264	286194	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	359685	126.917	ng	-0.01
7) Phenol-d6	6.934	99	410285	107.792	ng	0.00
23) Nitrobenzene-d5	8.899	82	338474	92.143	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	193408	136.574	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	669949	88.377	ng	-0.01
79) Terphenyl-d14	19.728	244	1131358	83.106	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.252	88	233	Below Cal	#	1
9) Benzaldehyde	6.869	77	61	Below Cal	#	16
41) Hexachlorocyclopentadiene	12.546	237	18	8.668 ng	#	6
84) Bis(2-ethylhexyl)phtha...	21.175	149	62742	7.220 ng	#	98

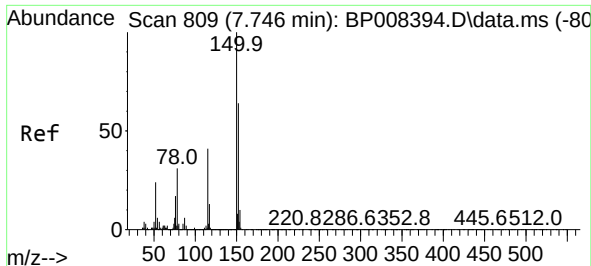
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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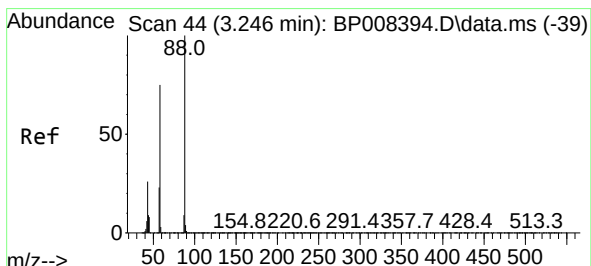
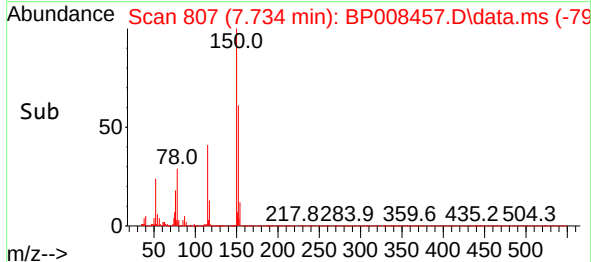
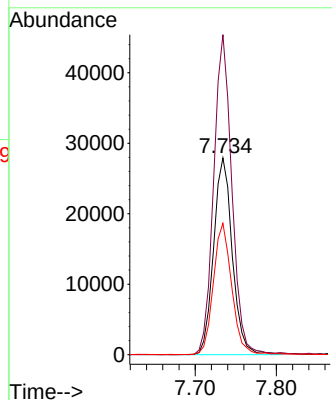
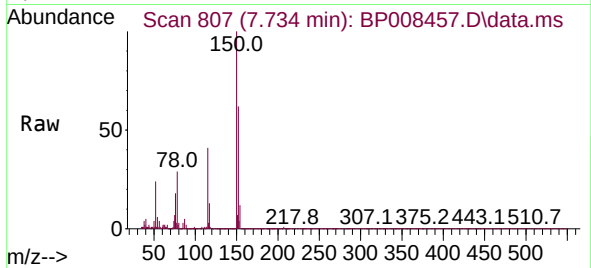




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.734 min Scan# 80
 Delta R.T. -0.012 min
 Lab File: BP008457.D
 Acq: 16 Dec 2021 17:40

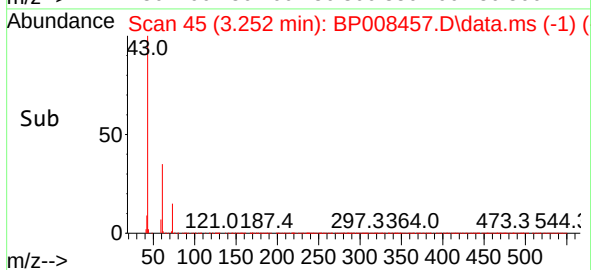
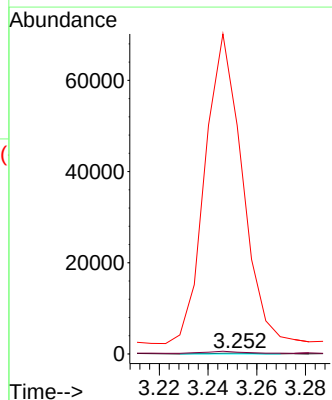
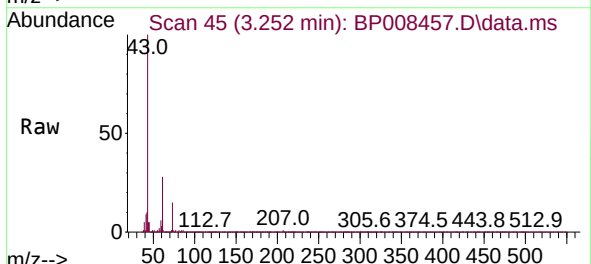
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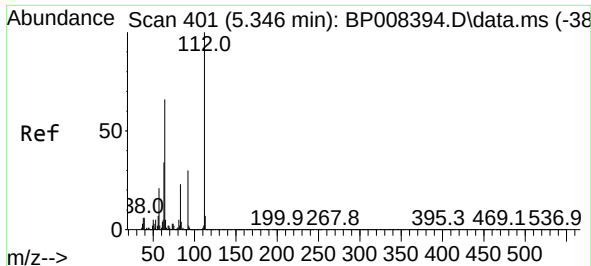
Tgt Ion:152 Resp: 44756
 Ion Ratio Lower Upper
 152 100
 150 162.6 125.7 188.5
 115 66.7 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.252 min Scan# 45
 Delta R.T. 0.006 min
 Lab File: BP008457.D
 Acq: 16 Dec 2021 17:40

Tgt Ion: 88 Resp: 233
 Ion Ratio Lower Upper
 88 100
 58 203.0 63.5 95.3#
 43 31176.8 23.4 35.2#

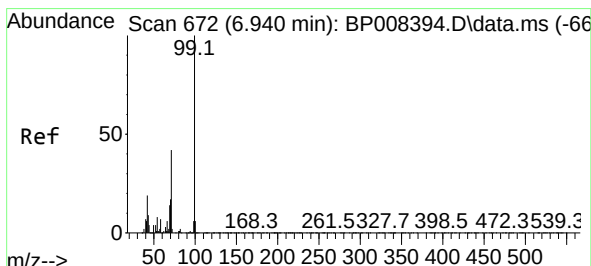
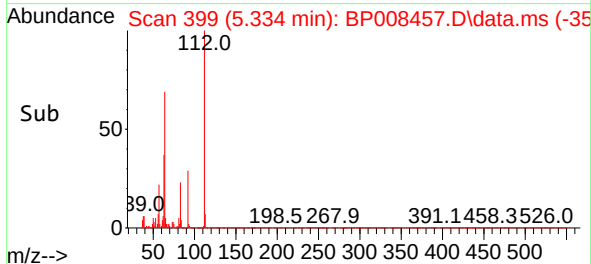
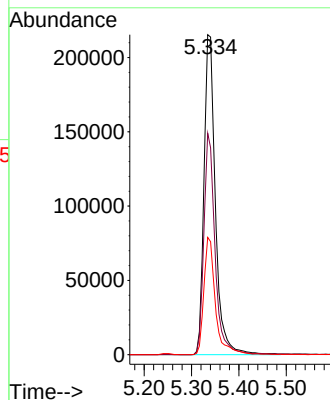
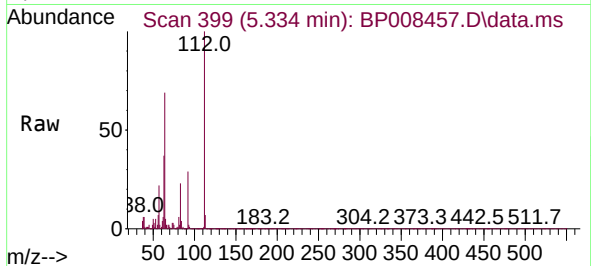




#5
2-Fluorophenol
Concen: 126.917 ng
RT: 5.334 min Scan# 399
Delta R.T. -0.012 min
Lab File: BP008457.D
Acq: 16 Dec 2021 17:40

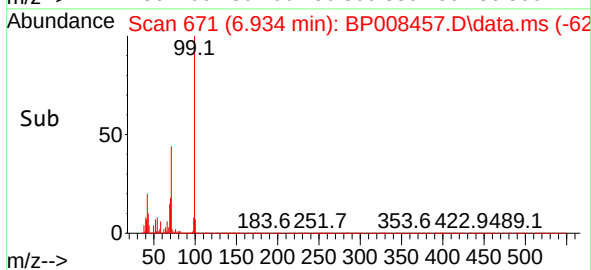
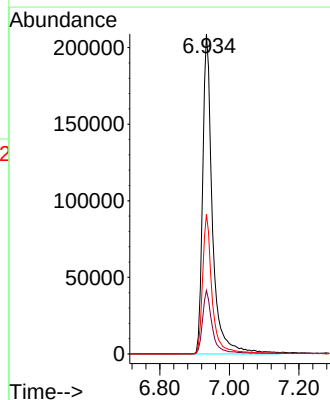
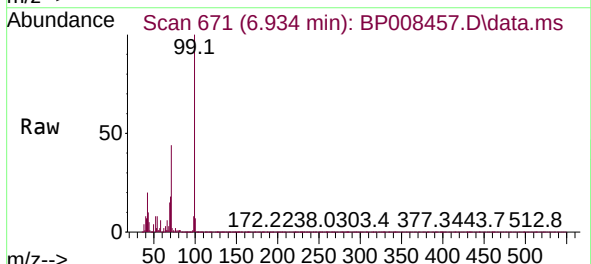
Instrument :
BNA_P
ClientSampleId :
TP-7DRE

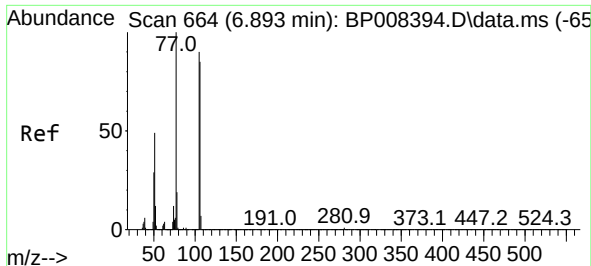
Tgt Ion:112 Resp: 359685
Ion Ratio Lower Upper
112 100
64 69.2 53.4 80.2
63 36.7 27.8 41.8



#7
Phenol-d6
Concen: 107.792 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008457.D
Acq: 16 Dec 2021 17:40

Tgt Ion: 99 Resp: 410285
Ion Ratio Lower Upper
99 100
42 19.8 14.6 22.0
71 43.7 31.1 46.7

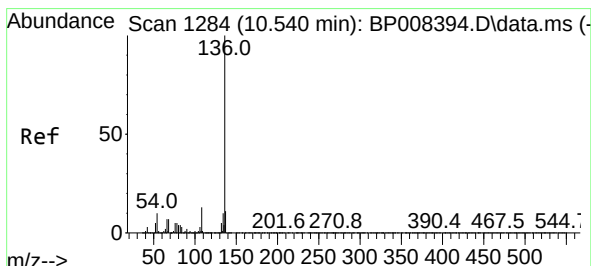
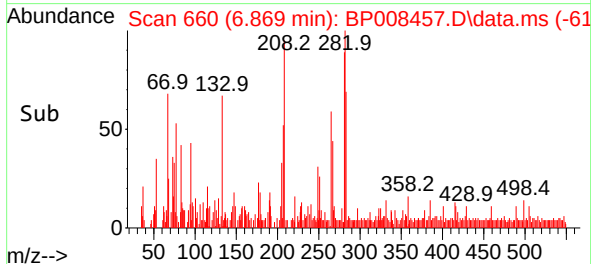
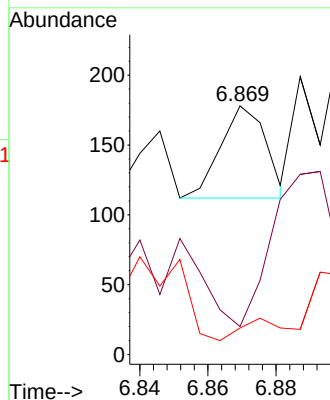
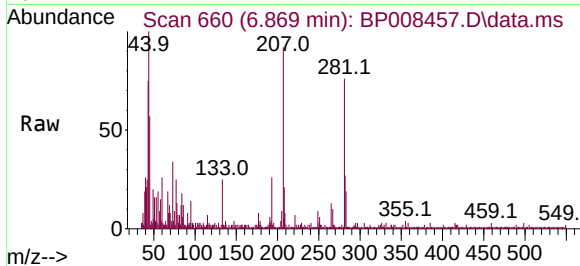




#9
Benzaldehyde
Concen: Below Cal
RT: 6.869 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP008457.D
Acq: 16 Dec 2021 17:40

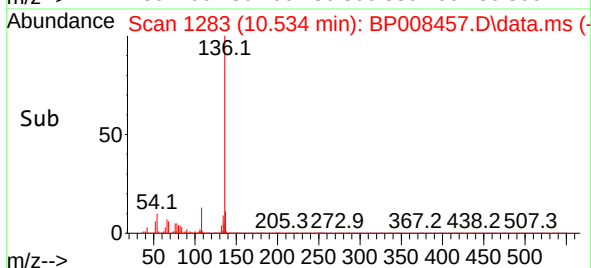
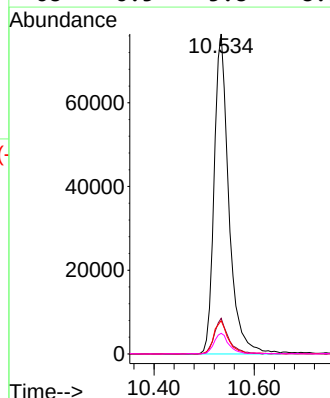
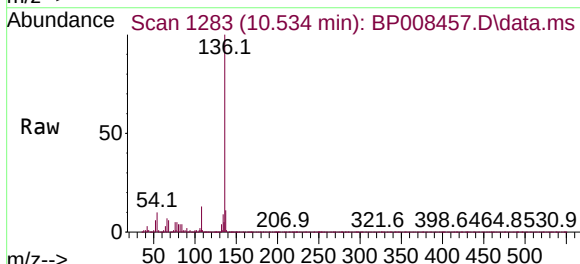
Instrument :
BNA_P
ClientSampleId :
TP-7DRE

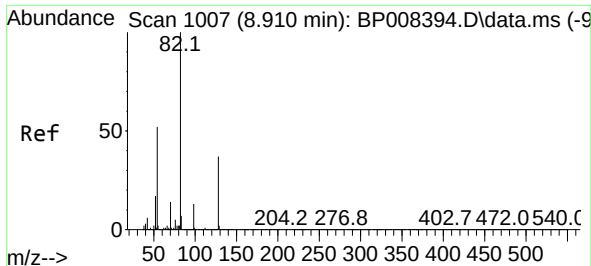
Tgt Ion: 77 Resp: 61
Ion Ratio Lower Upper
77 100
105 11.2 71.8 111.8#
106 10.7 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008457.D
Acq: 16 Dec 2021 17:40

Tgt Ion:136 Resp: 155622
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.6
54 10.4 8.2 12.4
68 6.5 5.8 8.8





#23

Nitrobenzene-d5

Concen: 92.143 ng

RT: 8.899 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BP008457.D

Acq: 16 Dec 2021 17:40

Instrument :

BNA_P

ClientSampleId :

TP-7DRE

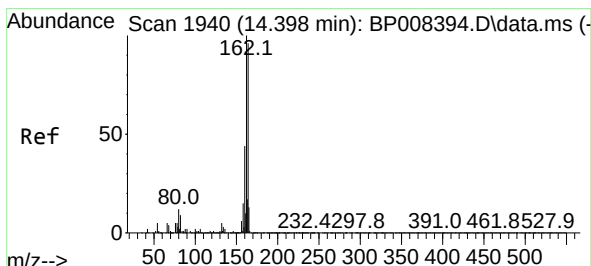
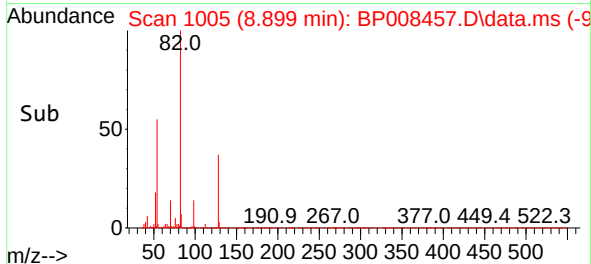
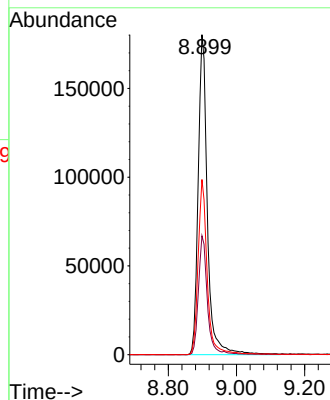
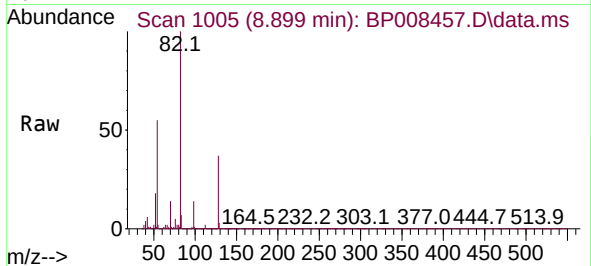
Tgt Ion: 82 Resp: 338474

Ion Ratio Lower Upper

82 100

128 37.1 29.6 44.4

54 54.7 42.7 64.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.393 min Scan# 1939

Delta R.T. -0.005 min

Lab File: BP008457.D

Acq: 16 Dec 2021 17:40

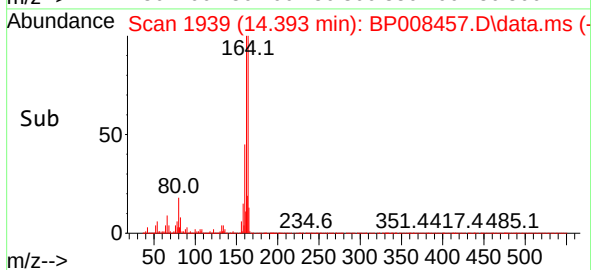
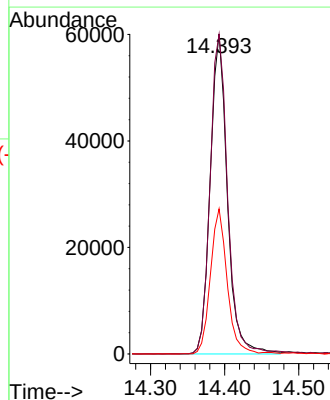
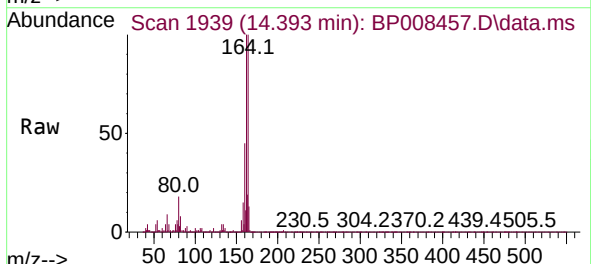
Tgt Ion:164 Resp: 96364

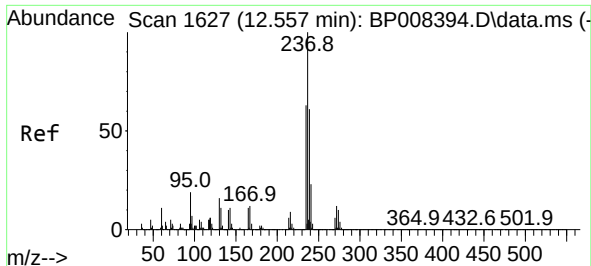
Ion Ratio Lower Upper

164 100

162 99.9 81.9 122.9

160 45.4 35.4 53.0

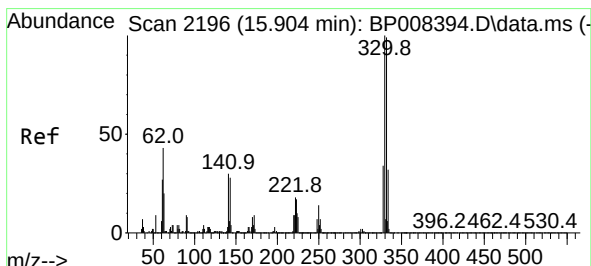
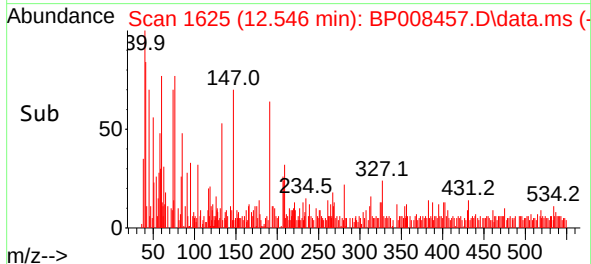
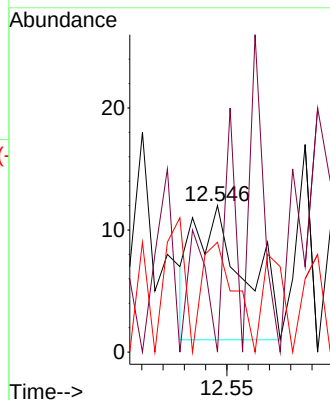
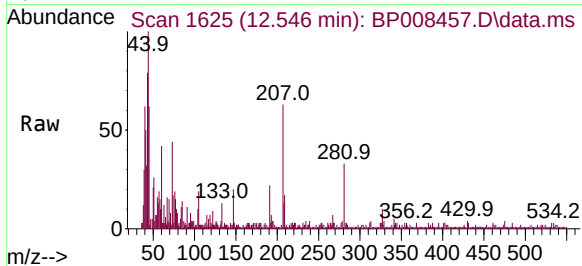




#41
Hexachlorocyclopentadiene
Concen: 8.668 ng
RT: 12.546 min Scan# 1
Delta R.T. -0.011 min
Lab File: BP008457.D
Acq: 16 Dec 2021 17:40

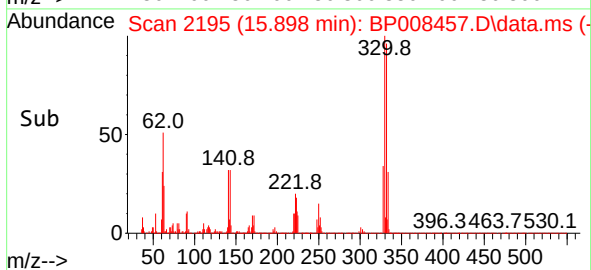
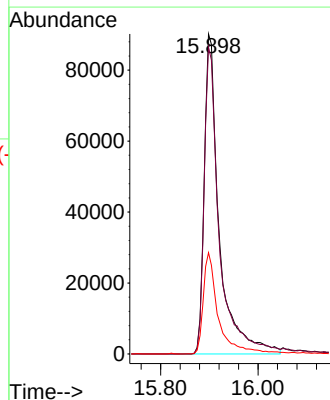
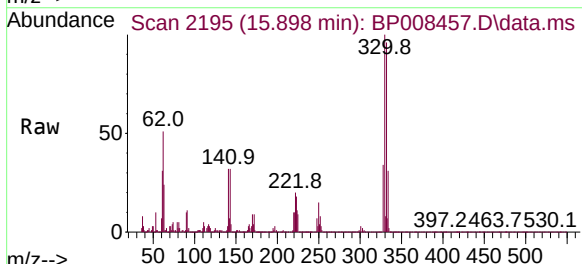
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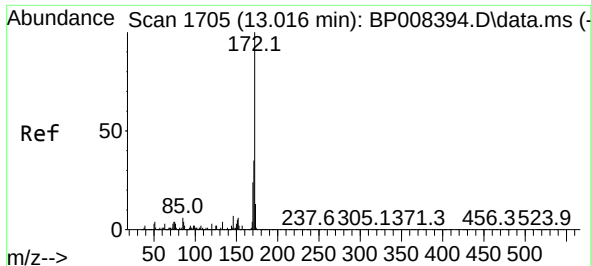
Tgt Ion:	237	Resp:	18
Ion	Ratio	Lower	Upper
237	100		
235	0.0	42.3	82.3#
272	75.0	0.0	32.2#



#42
2,4,6-Tribromophenol
Concen: 136.574 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008457.D
Acq: 16 Dec 2021 17:40

Tgt Ion:	330	Resp:	193408
Ion	Ratio	Lower	Upper
330	100		
332	99.3	77.0	115.4
141	31.8	28.4	42.6

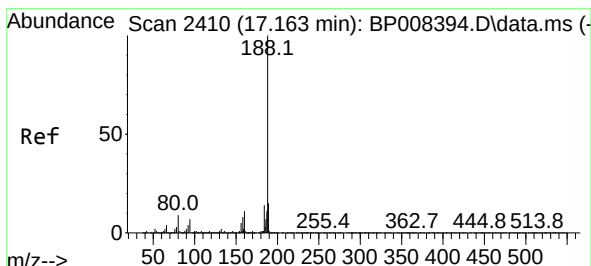
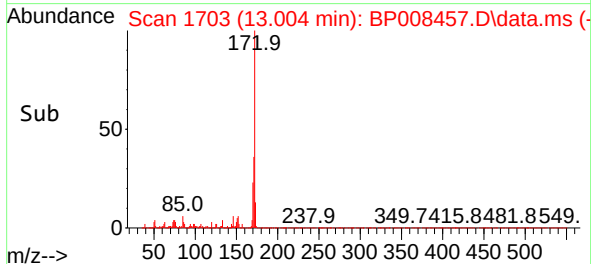
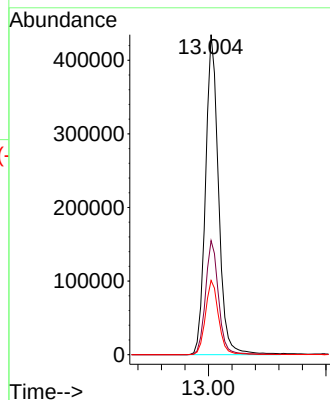
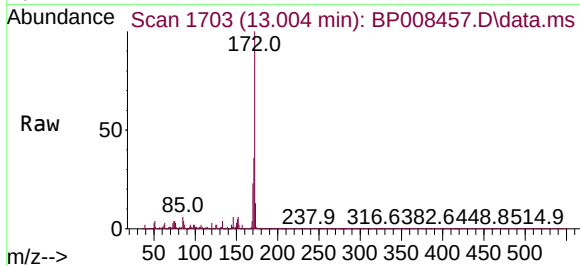




#45
2-Fluorobiphenyl
Concen: 88.377 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008457.D
Acq: 16 Dec 2021 17:40

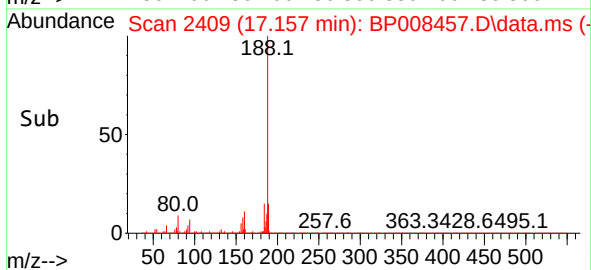
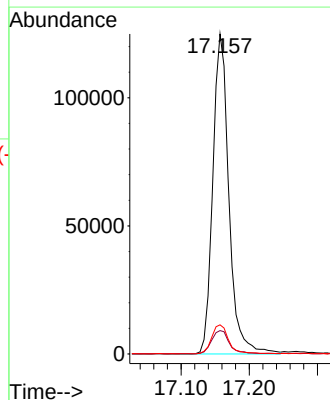
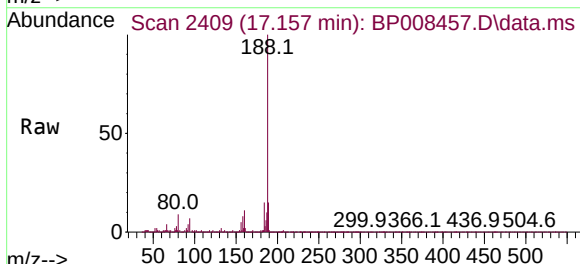
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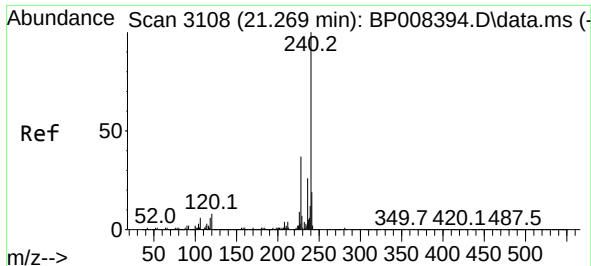
Tgt Ion:172 Resp: 669949
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008457.D
Acq: 16 Dec 2021 17:40

Tgt Ion:188 Resp: 205363
Ion Ratio Lower Upper
188 100
94 7.3 7.2 10.8
80 9.1 8.2 12.4

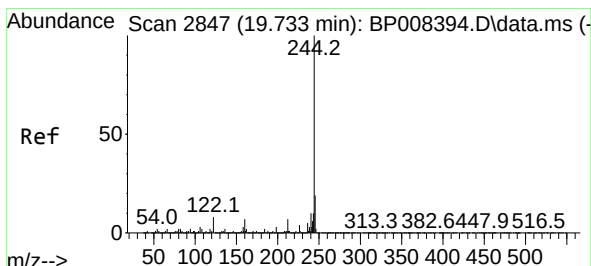
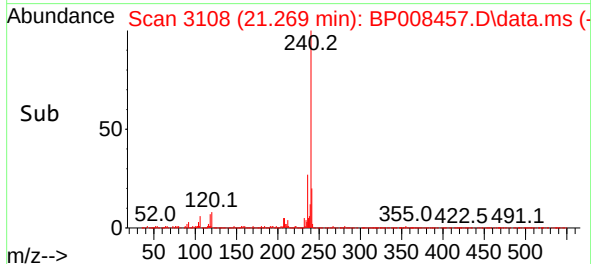
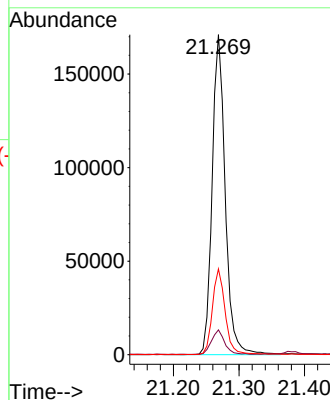
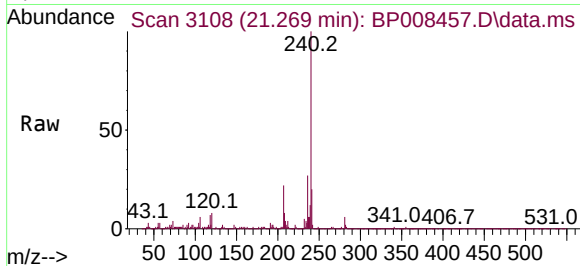




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008457.D
Acq: 16 Dec 2021 17:40

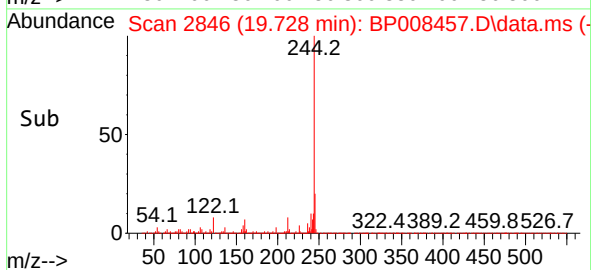
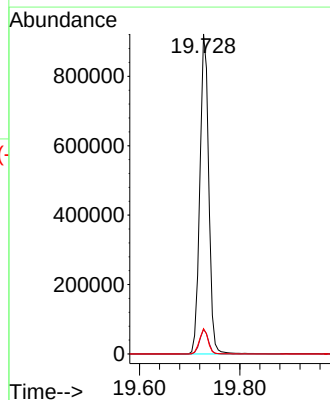
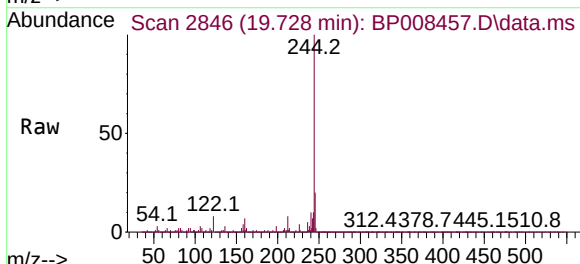
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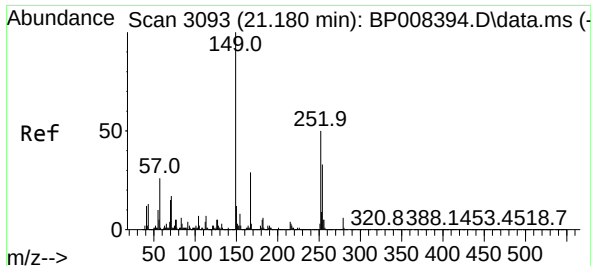
Tgt Ion:240 Resp: 236926
Ion Ratio Lower Upper
240 100
120 7.8 7.3 10.9
236 26.8 21.4 32.2



#79
Terphenyl-d14
Concen: 83.106 ng
RT: 19.728 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP008457.D
Acq: 16 Dec 2021 17:40

Tgt Ion:244 Resp: 1131358
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 7.9 6.6 9.8

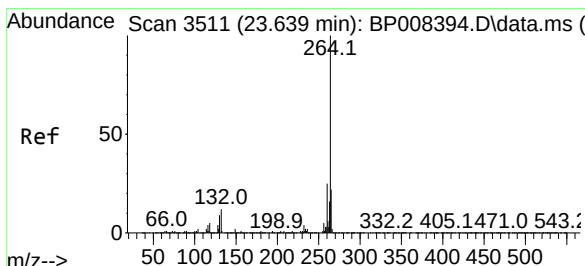
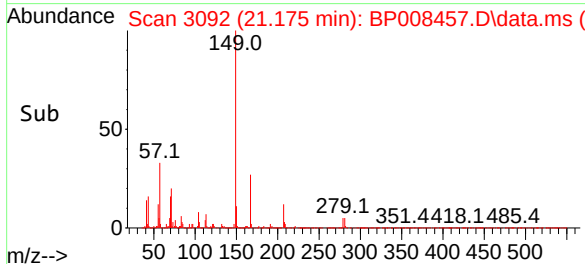
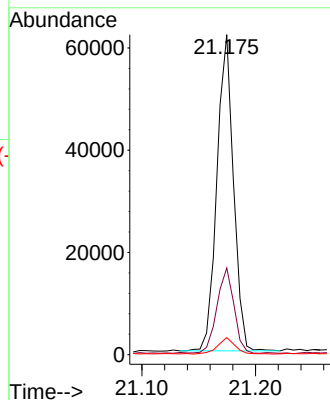
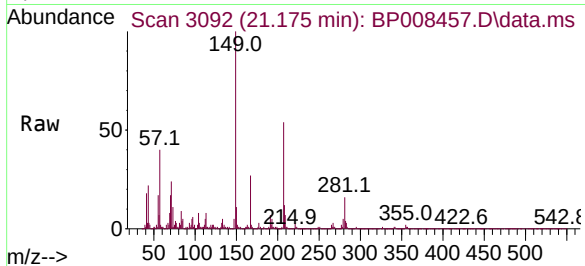




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 7.220 ng
 RT: 21.175 min Scan# 3092
 Delta R.T. -0.006 min
 Lab File: BP008457.D
 Acq: 16 Dec 2021 17:40

Instrument :
 BNA_P
 ClientSampleId :
 TP-7DRE

Tgt Ion:149 Resp: 62742
 Ion Ratio Lower Upper
 149 100
 167 27.1 22.5 33.7
 279 5.3 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: BP008457.D
 Acq: 16 Dec 2021 17:40

Tgt Ion:264 Resp: 286194
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 23.6 17.6 26.4

