

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121621\
 Data File : BP008461.D
 Acq On : 16 Dec 2021 19:55
 Operator : CG/JU
 Sample : M5067-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BRICK

Quant Time: Dec 17 03:23:50 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)

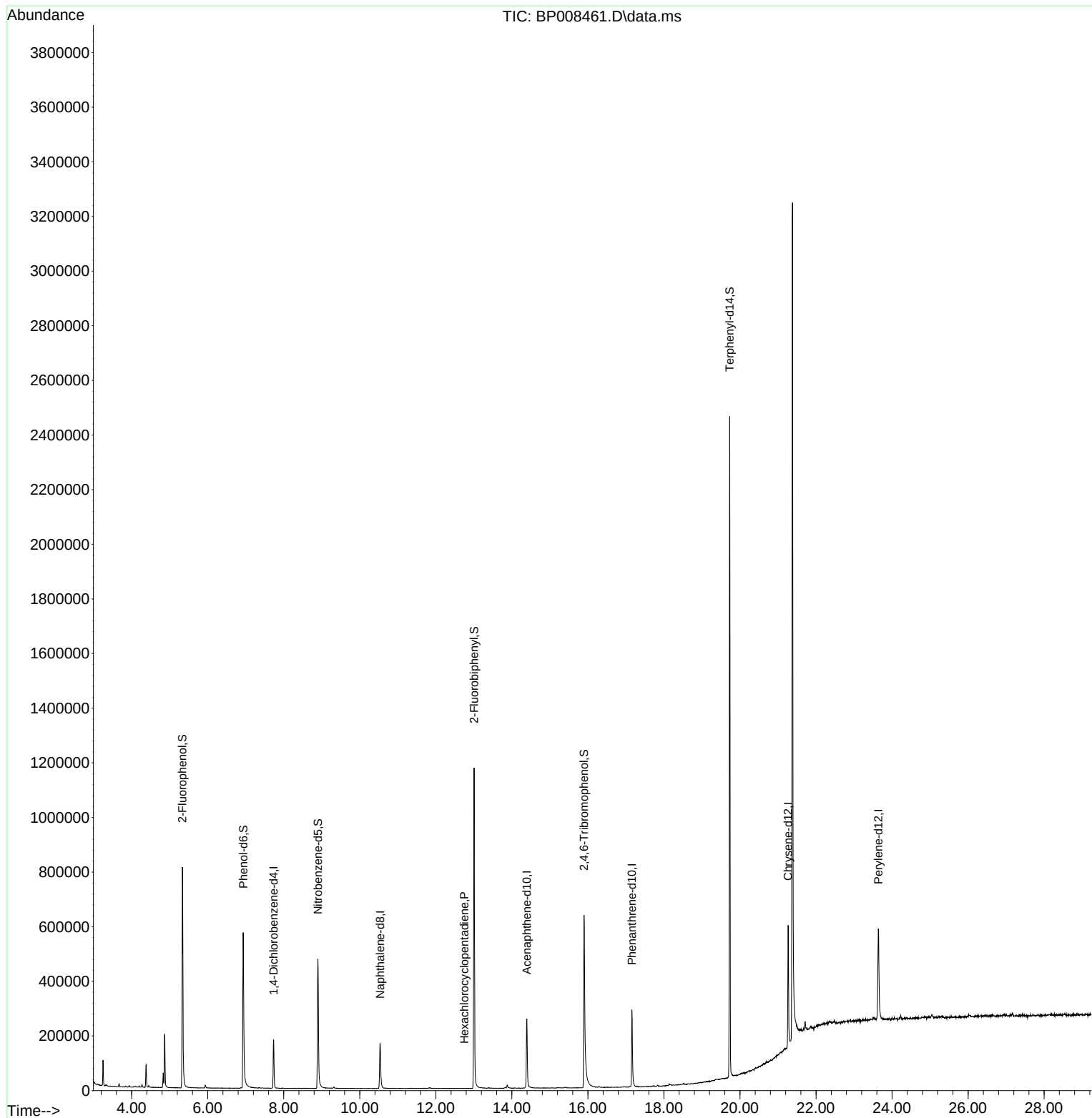
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	46047	20.000	ng	-0.01
21) Naphthalene-d8	10.534	136	163386	20.000	ng	0.00
39) Acenaphthene-d10	14.393	164	100442	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	207350	20.000	ng	0.00
76) Chrysene-d12	21.263	240	248944	20.000	ng	0.00
86) Perylene-d12	23.639	264	304243	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	347097	119.041	ng	-0.01
7) Phenol-d6	6.934	99	375318	95.841	ng	0.00
23) Nitrobenzene-d5	8.899	82	320263	83.042	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	191464	129.712	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	648942	82.130	ng	-0.01
79) Terphenyl-d14	19.728	244	1140934	79.764	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.246	88	105	Below Cal	#	1
9) Benzaldehyde	6.869	77	95	Below Cal	#	31
41) Hexachlorocyclopentadiene	12.751	237	10	8.660 ng		92

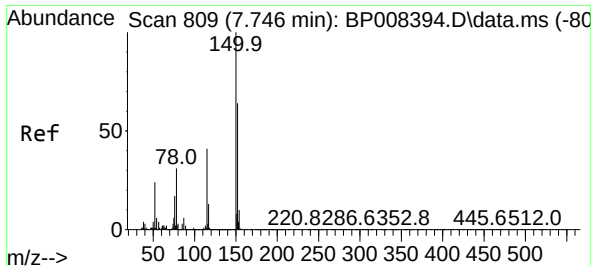
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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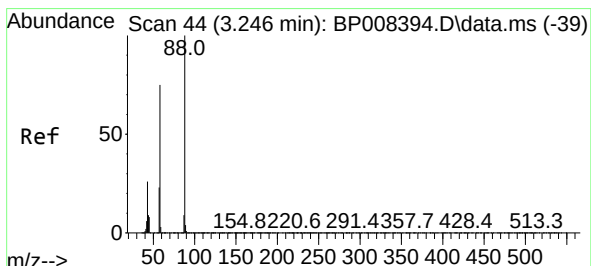
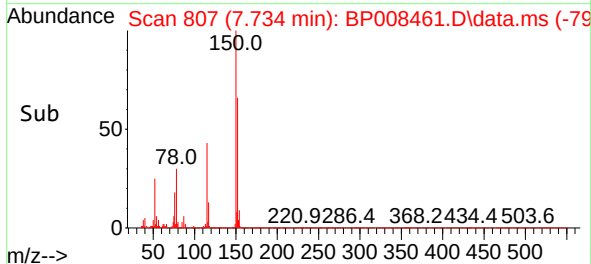
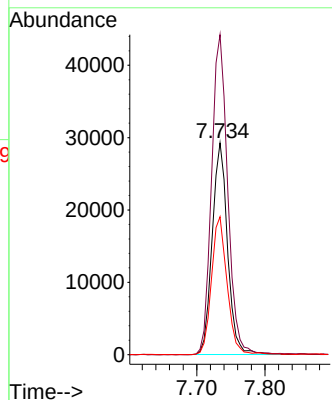
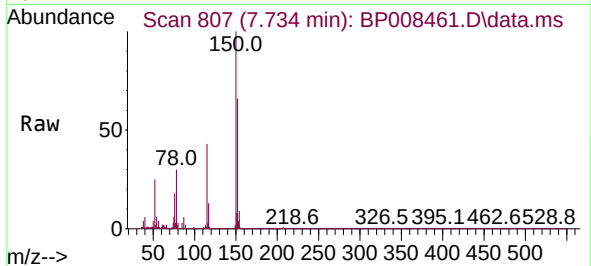




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.734 min Scan# 80
Delta R.T. -0.012 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

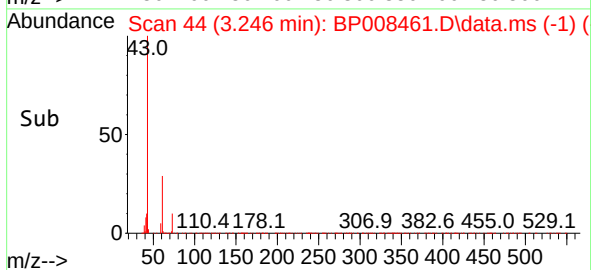
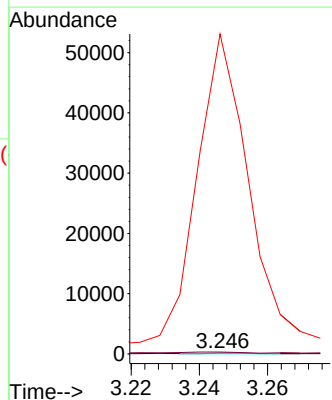
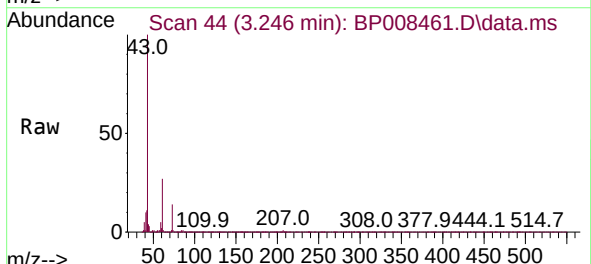
Instrument :
BNA_P
ClientSampleId :
BRICK

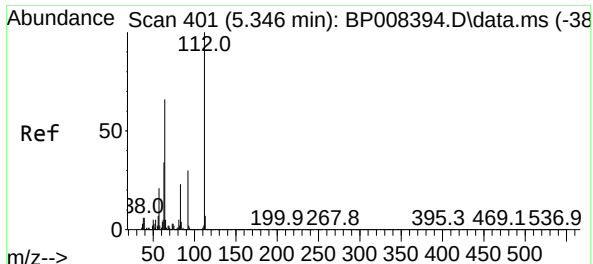
Tgt Ion:152 Resp: 46047
Ion Ratio Lower Upper
152 100
150 151.0 125.7 188.5
115 65.1 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.246 min Scan# 44
Delta R.T. 0.000 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

Tgt Ion: 88 Resp: 105
Ion Ratio Lower Upper
88 100
58 496.2 63.5 95.3#
43 51464.8 23.4 35.2#

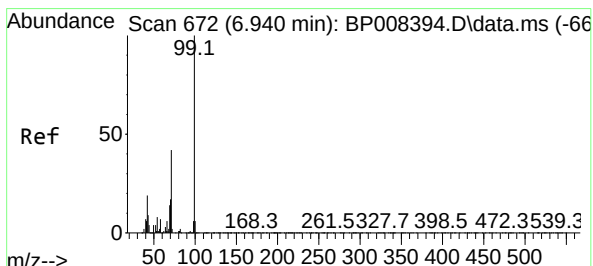
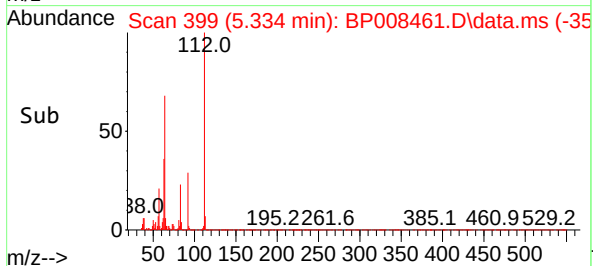
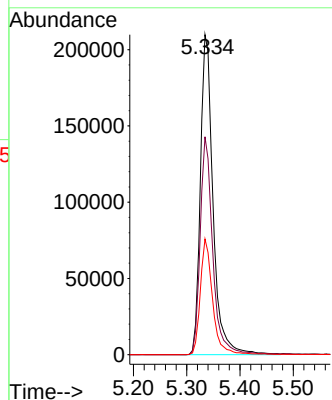
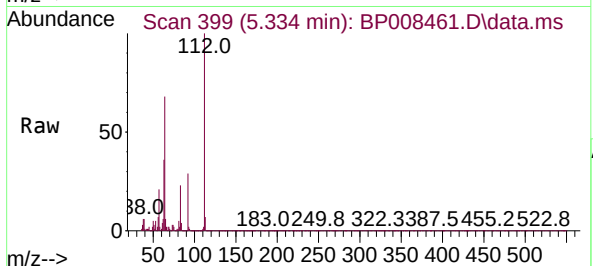




#5
2-Fluorophenol
Concen: 119.041 ng
RT: 5.334 min Scan# 341
Delta R.T. -0.012 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

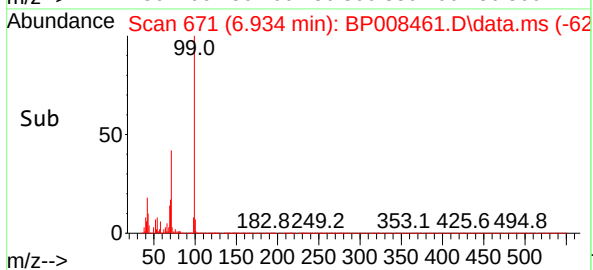
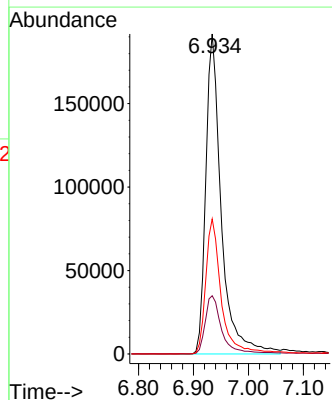
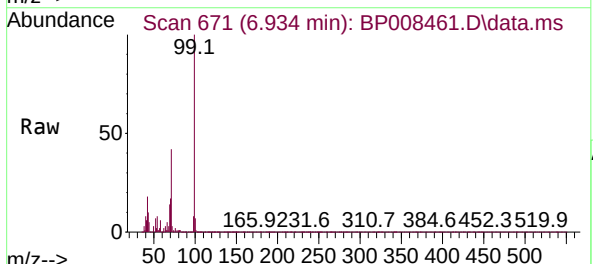
Instrument :
BNA_P
ClientSampleId :
BRICK

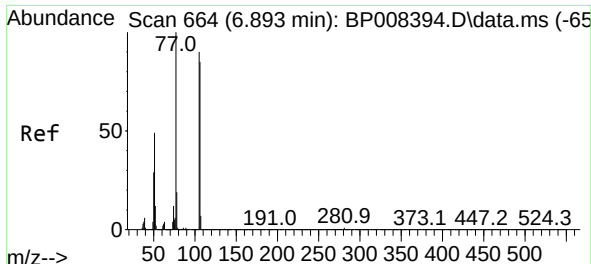
Tgt Ion:112 Resp: 347097
Ion Ratio Lower Upper
112 100
64 68.1 53.4 80.2
63 36.2 27.8 41.8



#7
Phenol-d6
Concen: 95.841 ng
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

Tgt Ion: 99 Resp: 375318
Ion Ratio Lower Upper
99 100
42 18.2 14.6 22.0
71 42.2 31.1 46.7

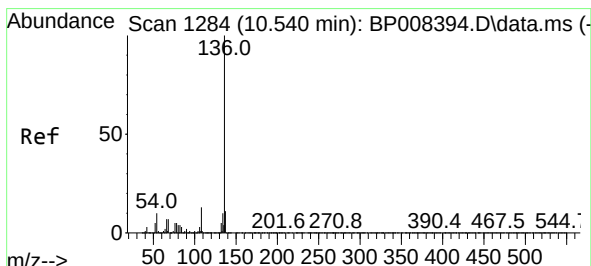
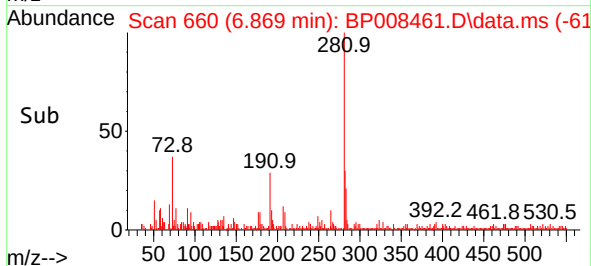
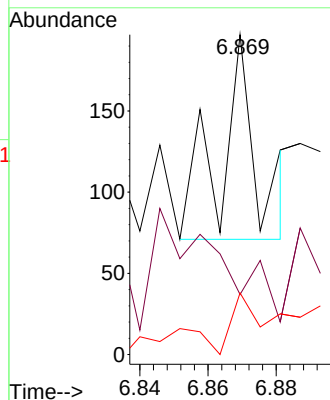
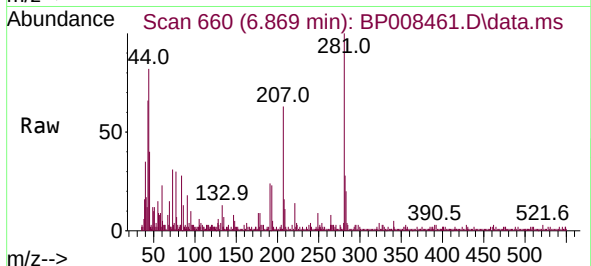




#9
Benzaldehyde
Concen: Below Cal
RT: 6.869 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

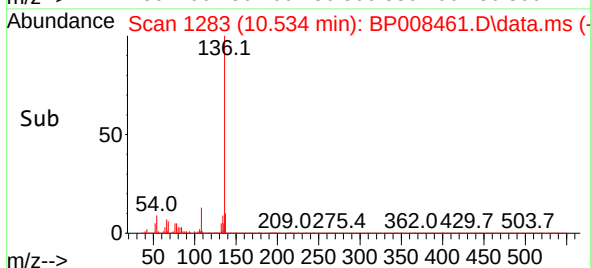
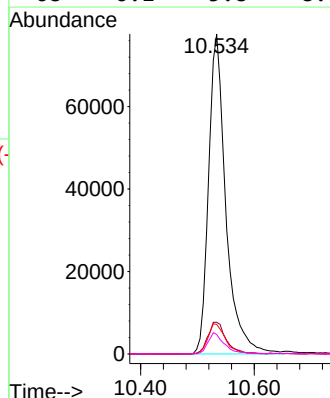
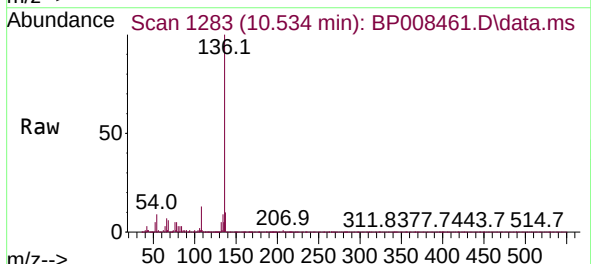
Instrument :
BNA_P
ClientSampleId :
BRICK

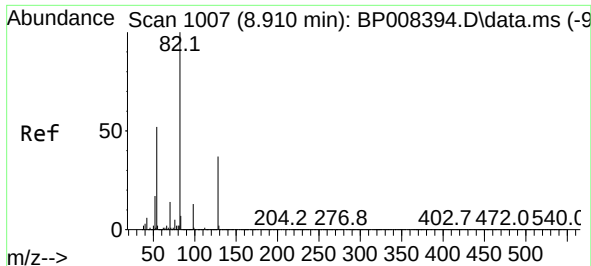
Tgt Ion: 77 Resp: 95
Ion Ratio Lower Upper
77 100
105 30.5 71.8 111.8#
106 19.3 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

Tgt Ion:136 Resp: 163386
Ion Ratio Lower Upper
136 100
137 9.9 9.0 13.6
54 9.7 8.2 12.4
68 6.1 5.8 8.8

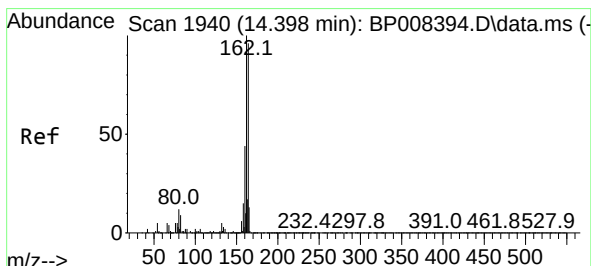
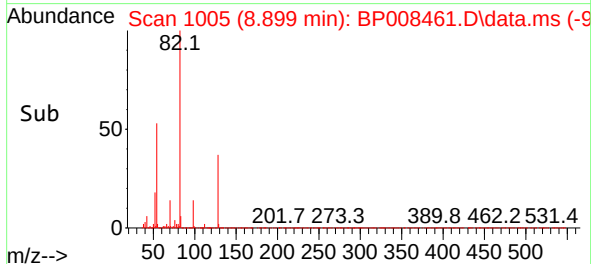
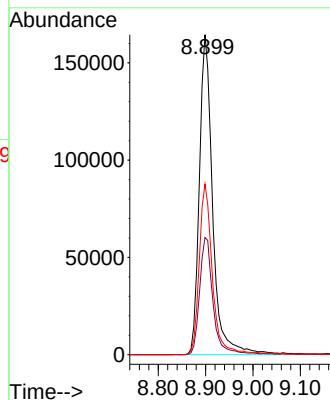
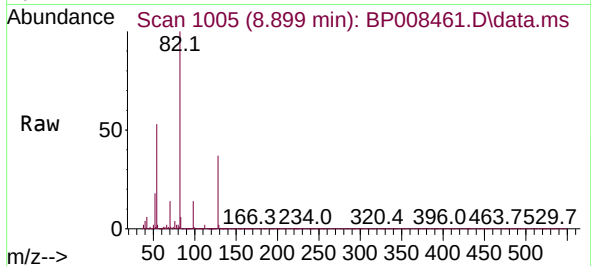




#23
Nitrobenzene-d5
Concen: 83.042 ng
RT: 8.899 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

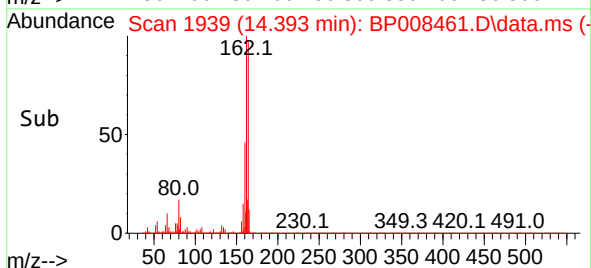
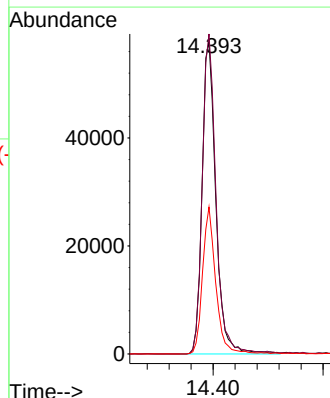
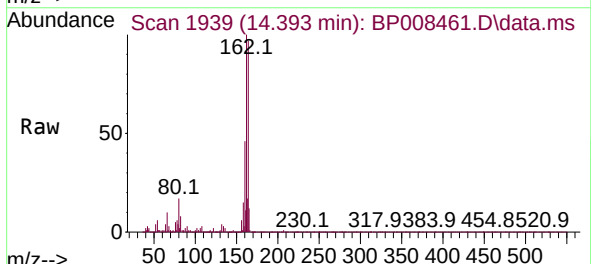
Instrument :
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ClientSampleId :
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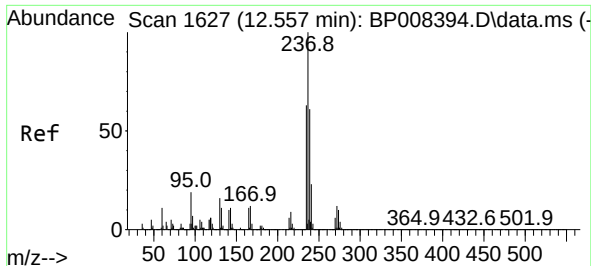
Tgt Ion: 82 Resp: 320263
Ion Ratio Lower Upper
82 100
128 36.6 29.6 44.4
54 53.3 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

Tgt Ion:164 Resp: 100442
Ion Ratio Lower Upper
164 100
162 102.6 81.9 122.9
160 47.1 35.4 53.0

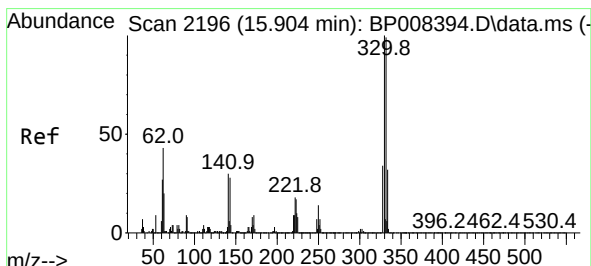
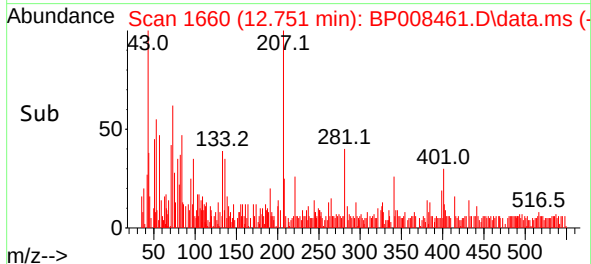
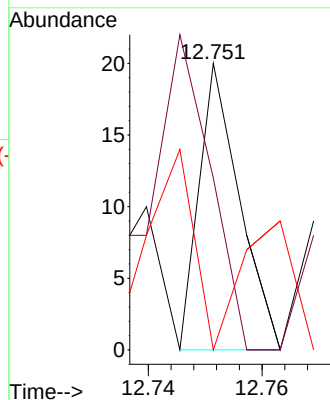
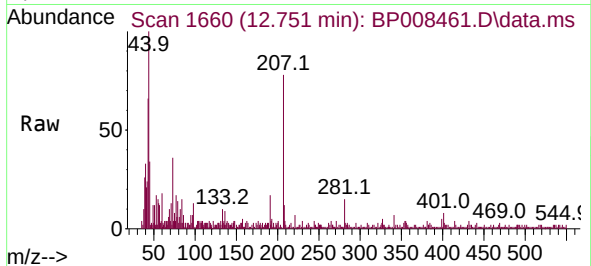




#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.751 min Scan# 1660
Delta R.T. 0.194 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

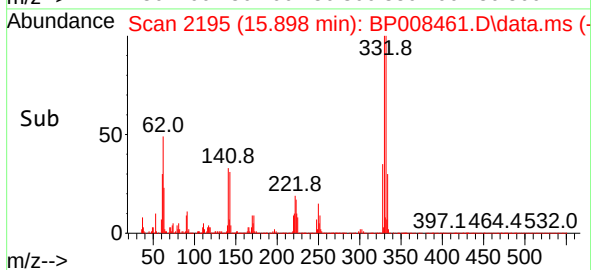
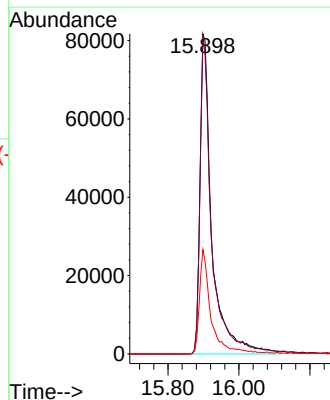
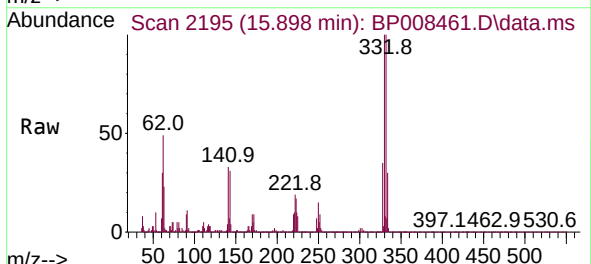
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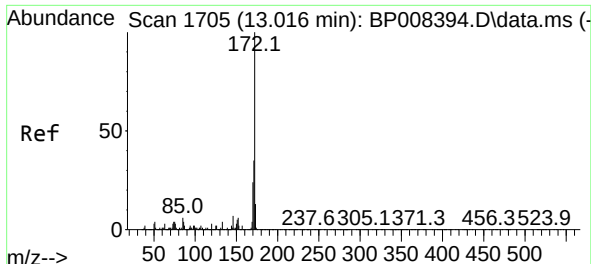
Tgt Ion:	237	Resp:	10
Ion	Ratio	Lower	Upper
237	100		
235	60.0	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 129.712 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.006 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

Tgt Ion:	330	Resp:	191464
Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.4
141	31.1	28.4	42.6

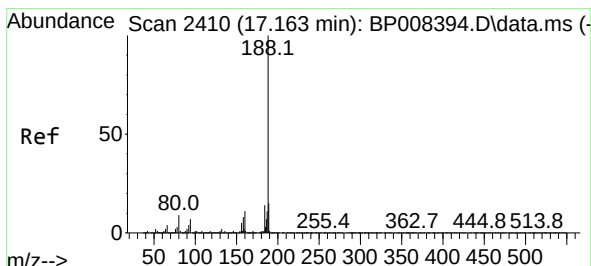
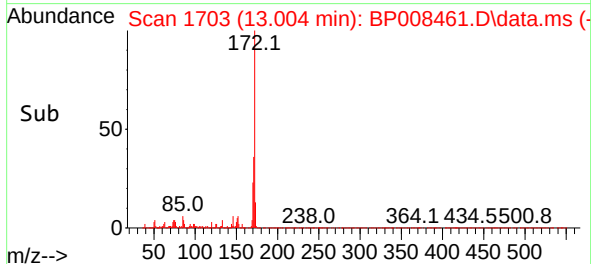
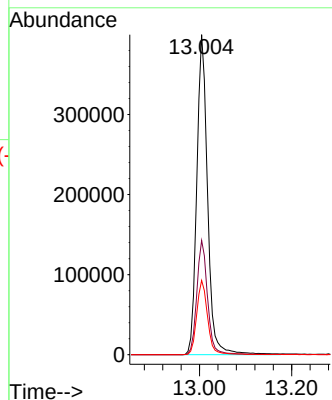
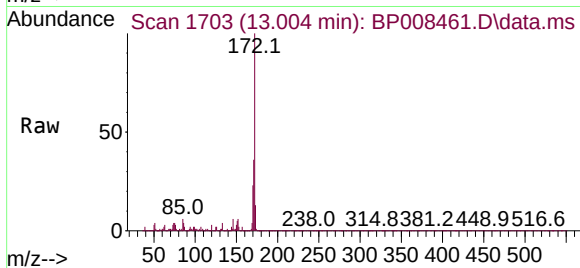




#45
2-Fluorobiphenyl
Concen: 82.130 ng
RT: 13.004 min Scan# 1
Delta R.T. -0.012 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

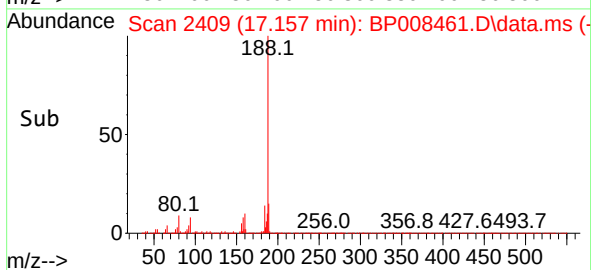
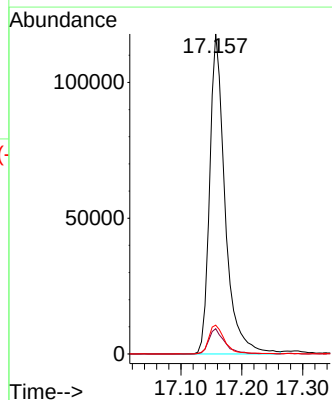
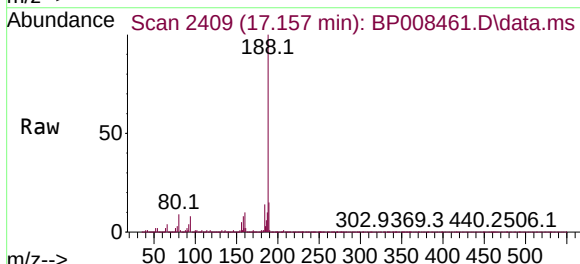
Instrument :
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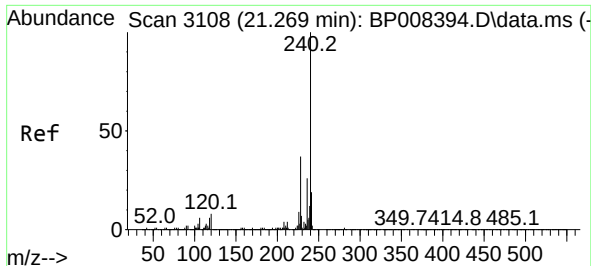
Tgt Ion:172 Resp: 648942
Ion Ratio Lower Upper
172 100
171 35.7 28.0 42.0
170 23.2 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.157 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

Tgt Ion:188 Resp: 207350
Ion Ratio Lower Upper
188 100
94 7.9 7.2 10.8
80 9.0 8.2 12.4

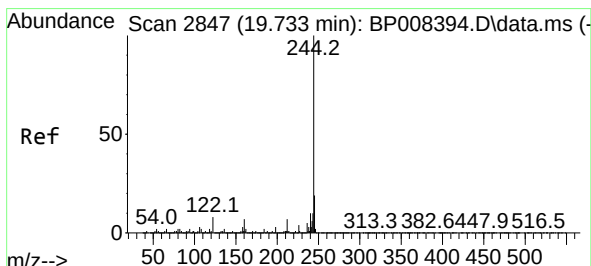
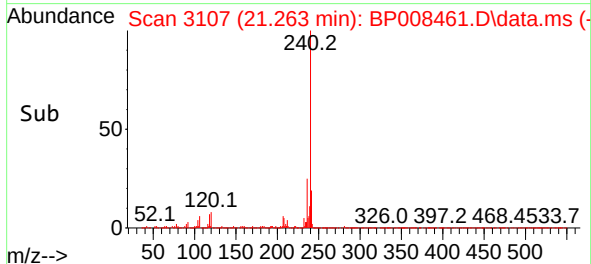
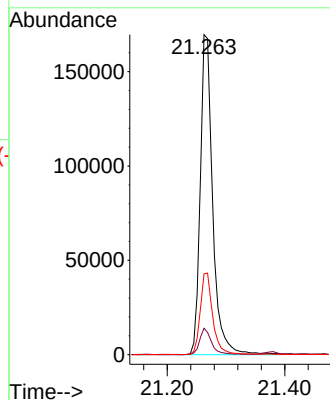
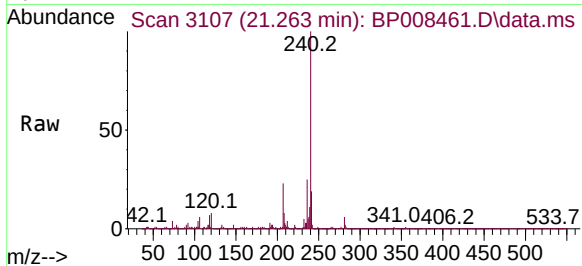




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

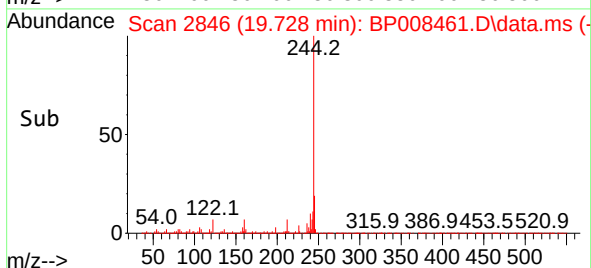
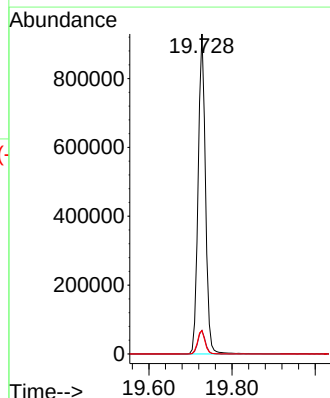
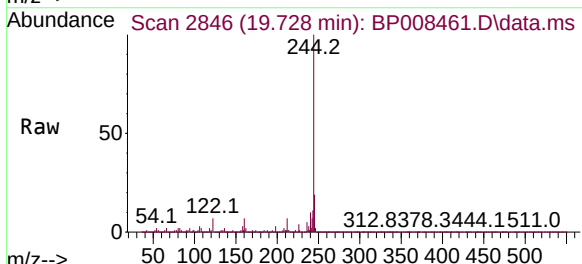
Instrument :
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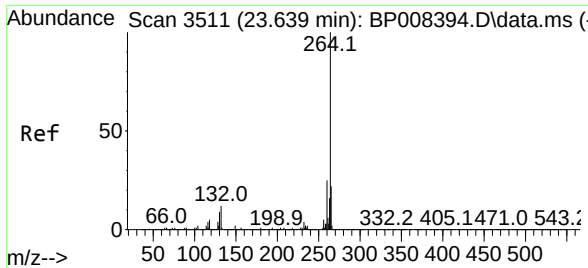
Tgt Ion:240 Resp: 248944
Ion Ratio Lower Upper
240 100
120 8.3 7.3 10.9
236 25.3 21.4 32.2



#79
Terphenyl-d14
Concen: 79.764 ng
RT: 19.728 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP008461.D
Acq: 16 Dec 2021 19:55

Tgt Ion:244 Resp: 1140934
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 7.3 6.6 9.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.639 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: BP008461.D
 Acq: 16 Dec 2021 19:55

Instrument :
 BNA_P
 ClientSampleId :
 BRICK

Tgt Ion:264 Resp: 304243

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	22.2	17.6	26.4

