

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008410.D
 Acq On : 15 Dec 2021 11:12
 Operator : CG/JU
 Sample : PB141358BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141358BL

Quant Time: Dec 15 13:02:28 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)

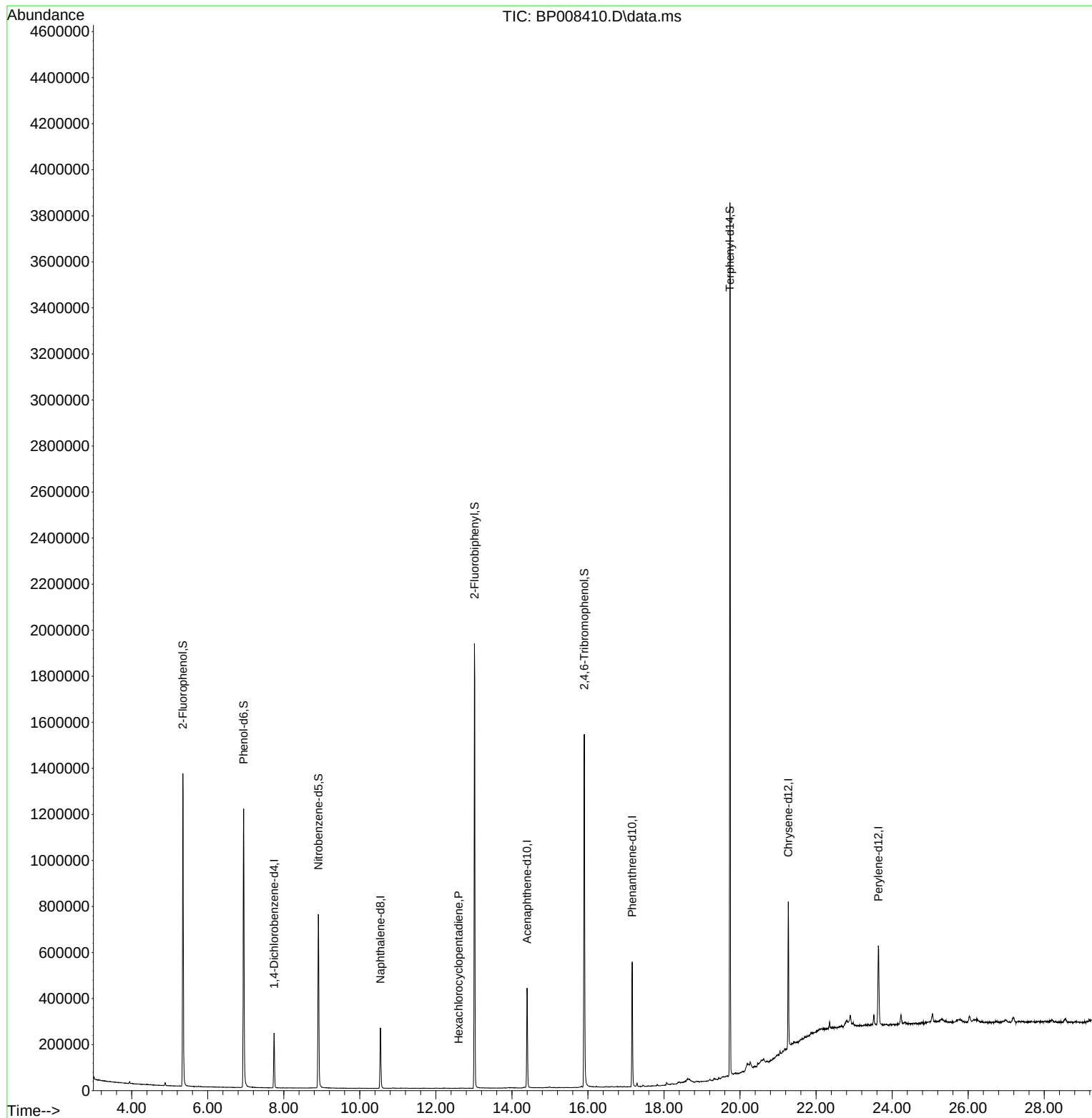
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	61918	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	221850	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	152133	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	341804	20.000	ng	0.00
76) Chrysene-d12	21.269	240	333025	20.000	ng	0.00
86) Perylene-d12	23.639	264	295074	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	570872	145.603	ng	0.00
7) Phenol-d6	6.946	99	696050	132.183	ng	0.00
23) Nitrobenzene-d5	8.910	82	456394	87.154	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	329329	147.304	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	986059	82.393	ng	0.00
79) Terphenyl-d14	19.733	244	1804458	94.301	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.252	88	57	Below Cal	#	1
9) Benzaldehyde	6.946	77	1467	Below Cal	#	9
41) Hexachlorocyclopentadiene	12.598	237	19	8.662 ng		92

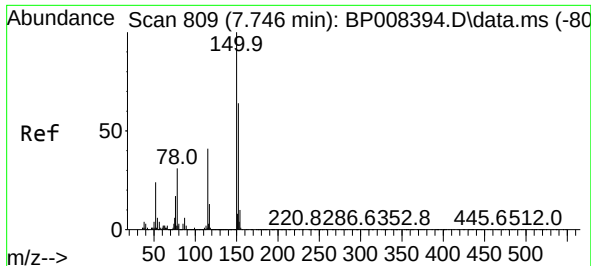
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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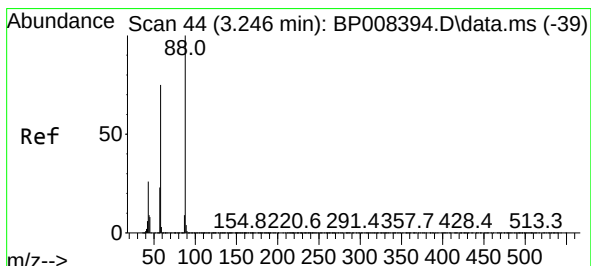
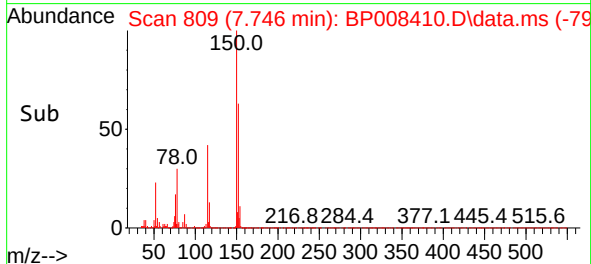
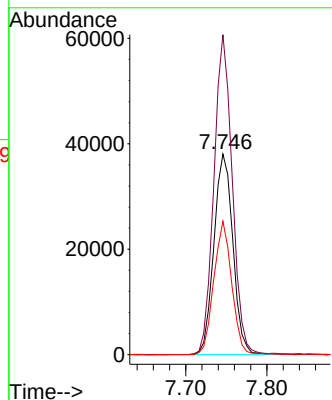
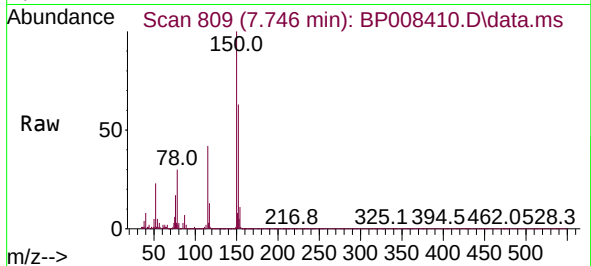




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.746 min Scan# 809
 Delta R.T. -0.000 min
 Lab File: BP008410.D
 Acq: 15 Dec 2021 11:12

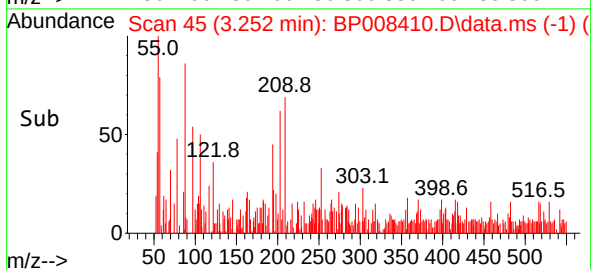
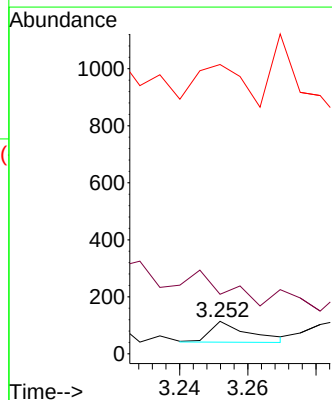
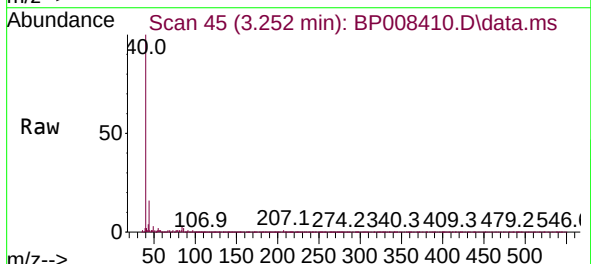
Instrument :
 BNA_P
 ClientSampleId :
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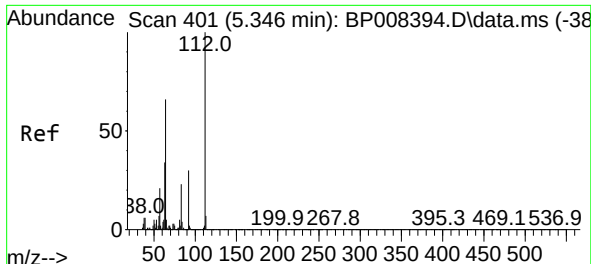
Tgt Ion:152 Resp: 61918
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.7 188.5
 115 66.5 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.252 min Scan# 45
 Delta R.T. 0.006 min
 Lab File: BP008410.D
 Acq: 15 Dec 2021 11:12

Tgt Ion: 88 Resp: 57
 Ion Ratio Lower Upper
 88 100
 58 0.0 63.5 95.3#
 43 338.6 23.4 35.2#

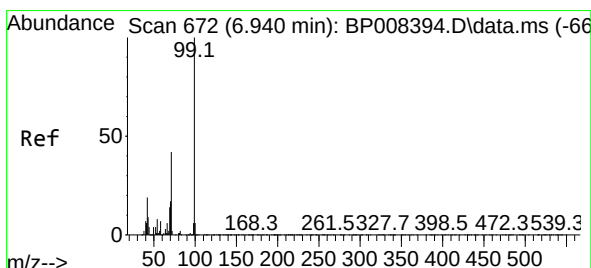
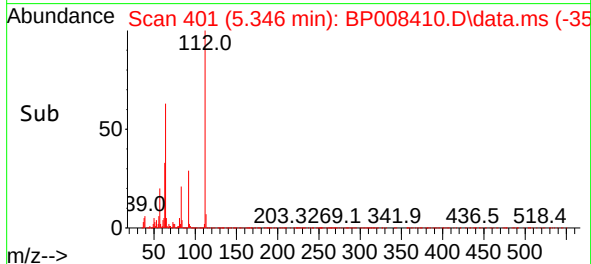
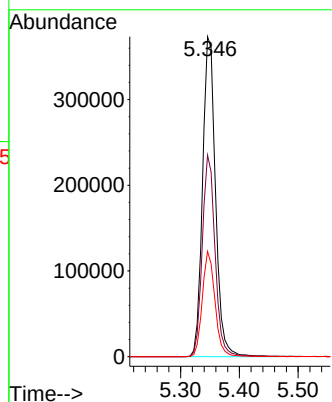
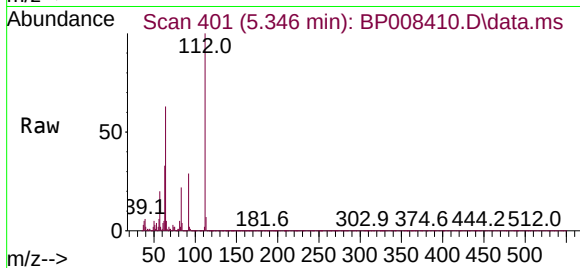




#5
2-Fluorophenol
Concen: 145.603 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

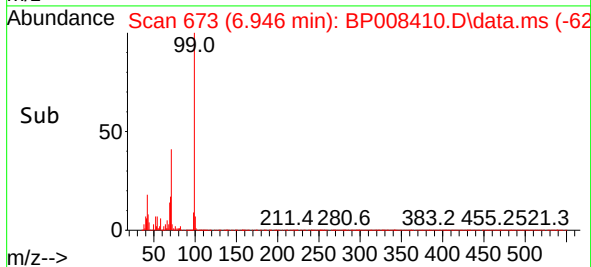
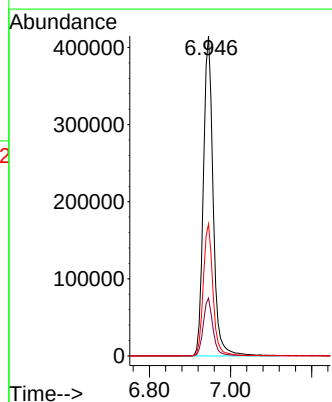
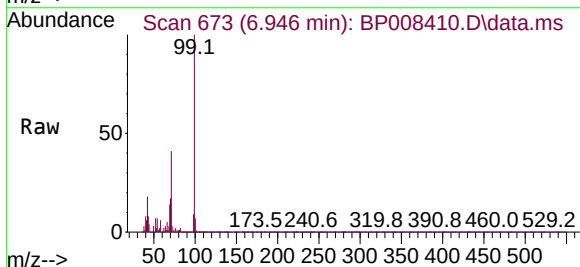
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BNA_P
ClientSampleId :
PB141358BL

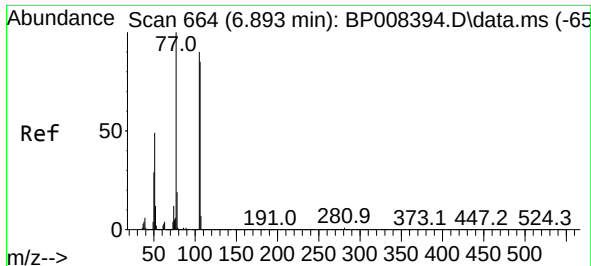
Tgt Ion:112 Resp: 570872
Ion Ratio Lower Upper
112 100
64 63.0 53.4 80.2
63 32.9 27.8 41.8



#7
Phenol-d6
Concen: 132.183 ng
RT: 6.946 min Scan# 673
Delta R.T. 0.006 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

Tgt Ion: 99 Resp: 696050
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 41.2 31.1 46.7

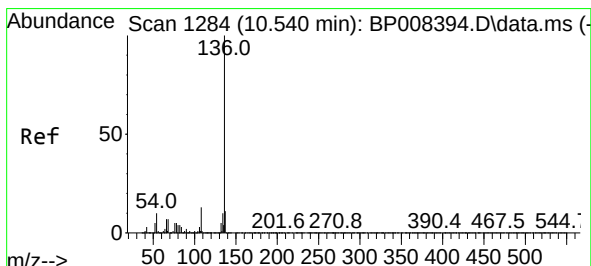
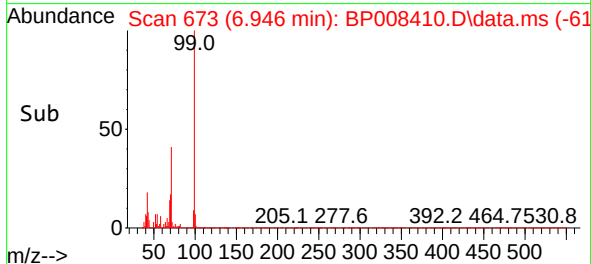
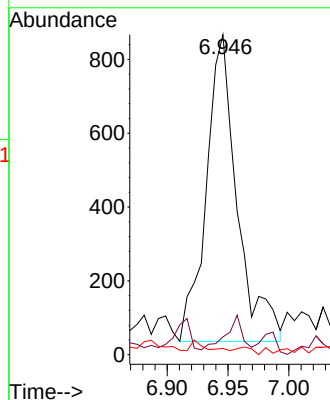
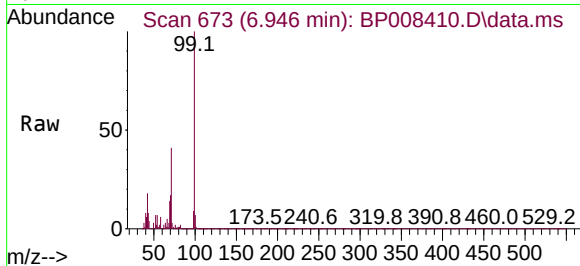




#9
Benzaldehyde
Concen: Below Cal
RT: 6.946 min Scan# 61
Delta R.T. 0.053 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

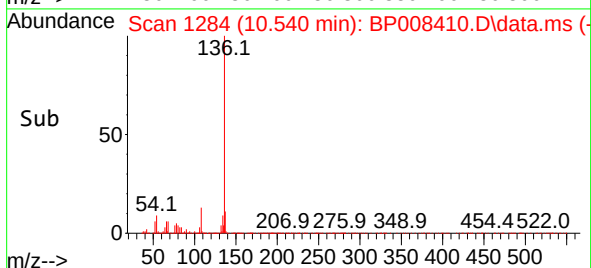
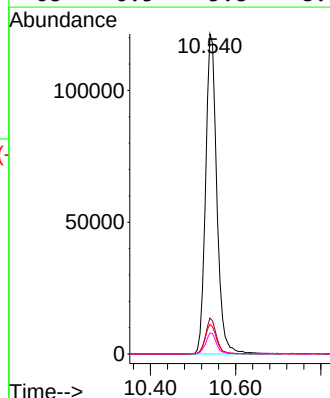
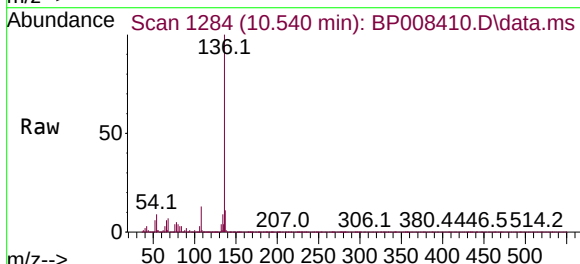
Instrument :
BNA_P
ClientSampleId :
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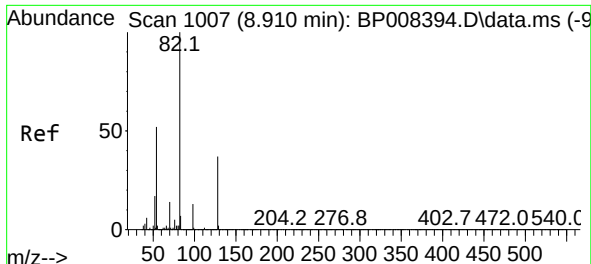
Tgt Ion: 77 Resp: 1467
Ion Ratio Lower Upper
77 100
105 5.5 71.8 111.8#
106 2.0 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

Tgt Ion: 136 Resp: 221850
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.6
54 9.2 8.2 12.4
68 6.5 5.8 8.8

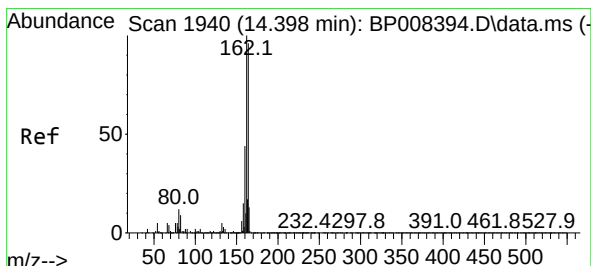
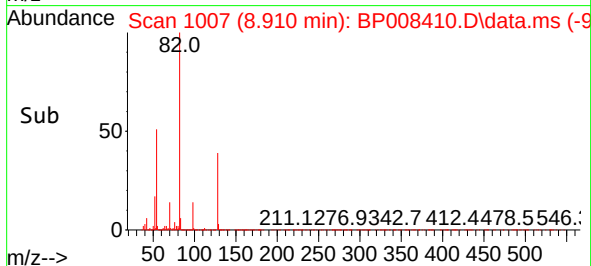
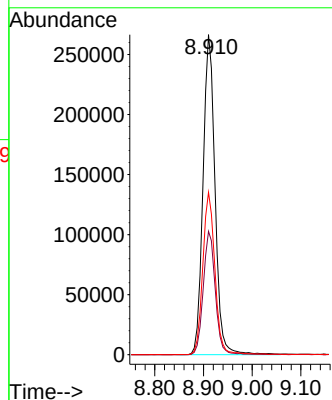
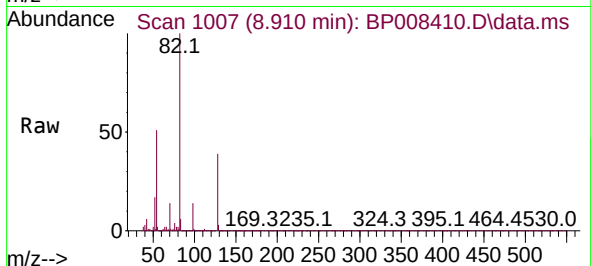




#23
Nitrobenzene-d5
Concen: 87.154 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

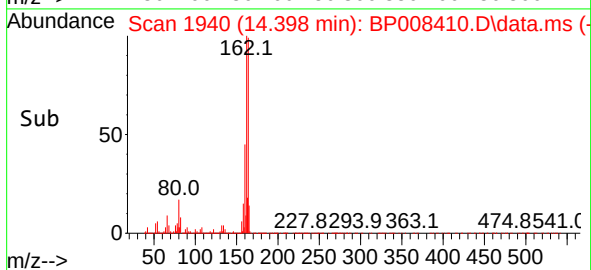
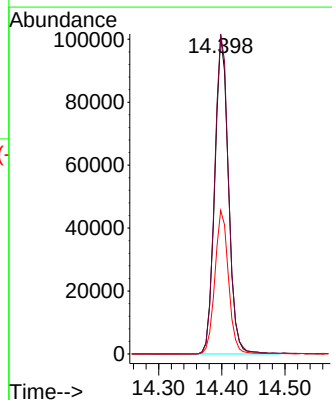
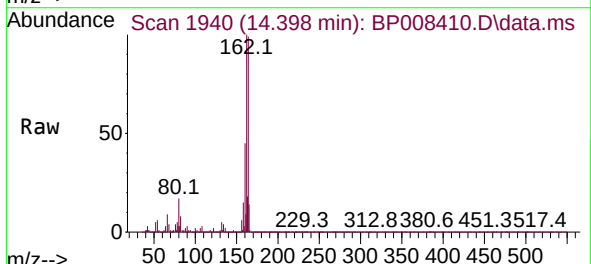
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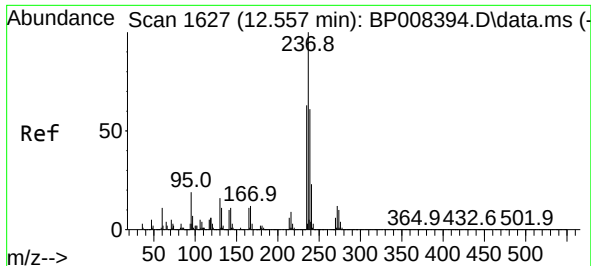
Tgt Ion: 82 Resp: 456394
Ion Ratio Lower Upper
82 100
128 38.6 29.6 44.4
54 50.7 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

Tgt Ion:164 Resp: 152133
Ion Ratio Lower Upper
164 100
162 100.6 81.9 122.9
160 45.1 35.4 53.0

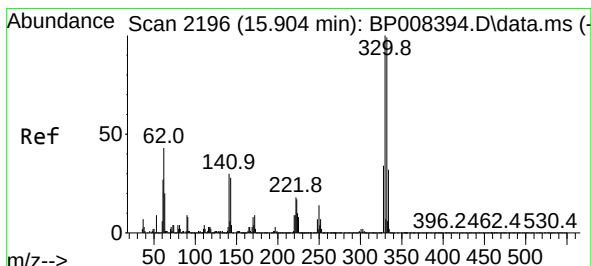
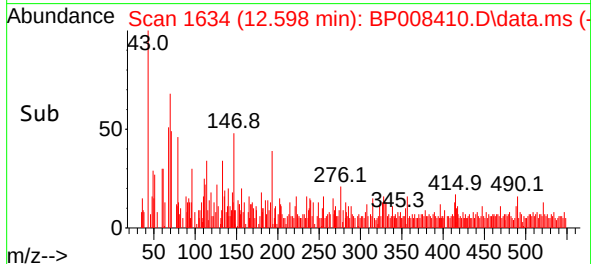
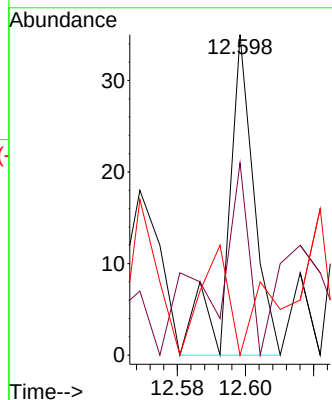
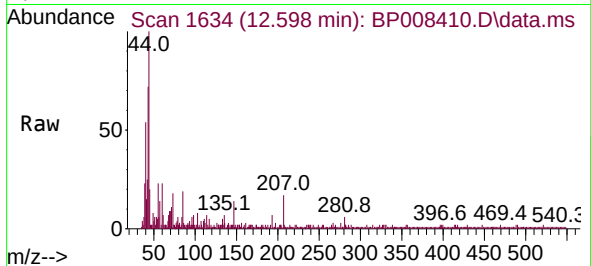




#41
Hexachlorocyclopentadiene
Concen: 8.662 ng
RT: 12.598 min Scan# 1634
Delta R.T. 0.041 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

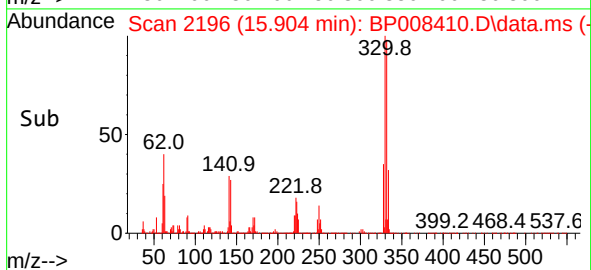
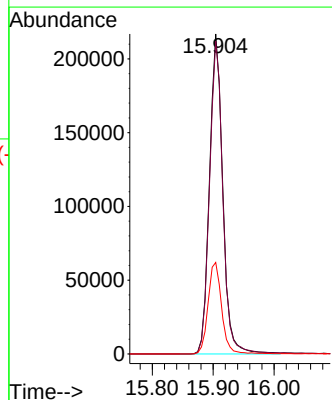
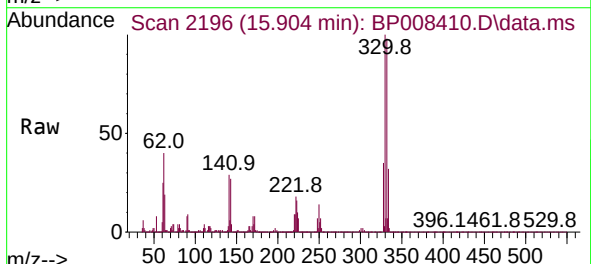
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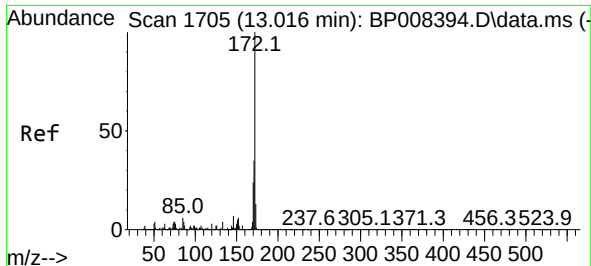
Tgt Ion:237 Resp: 19
Ion Ratio Lower Upper
237 100
235 60.0 42.3 82.3
272 0.0 0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 147.304 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

Tgt Ion:330 Resp: 329329
Ion Ratio Lower Upper
330 100
332 98.0 77.0 115.4
141 29.4 28.4 42.6

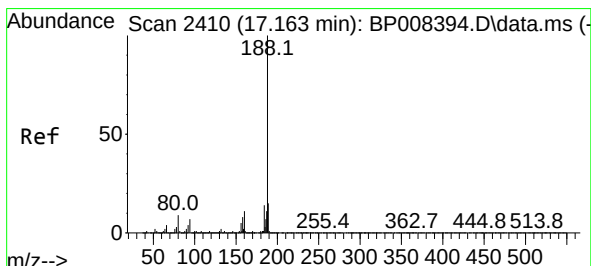
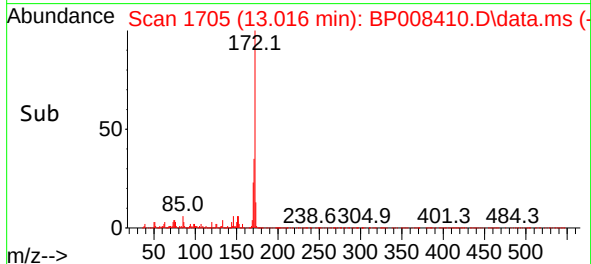
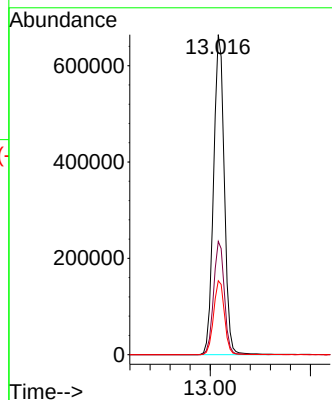
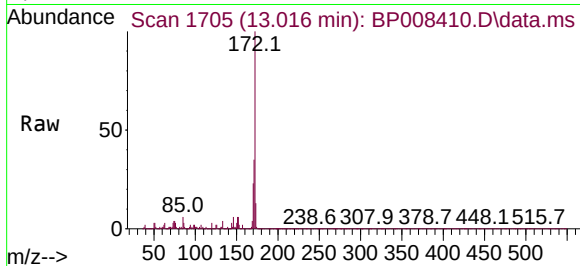




#45
2-Fluorobiphenyl
Concen: 82.393 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

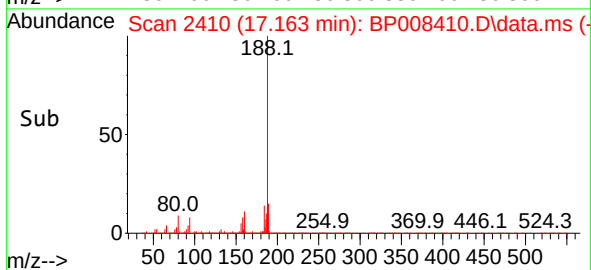
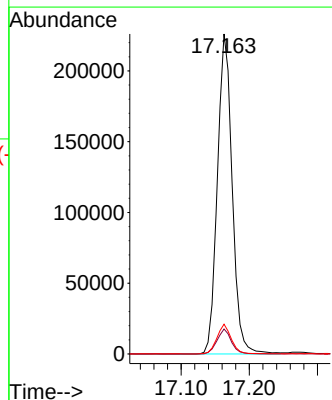
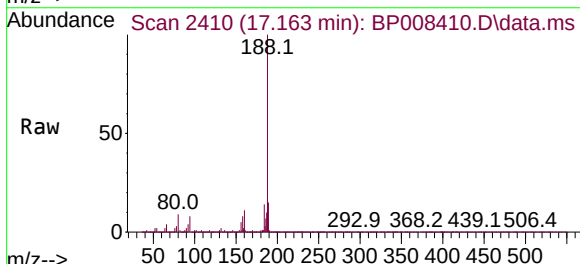
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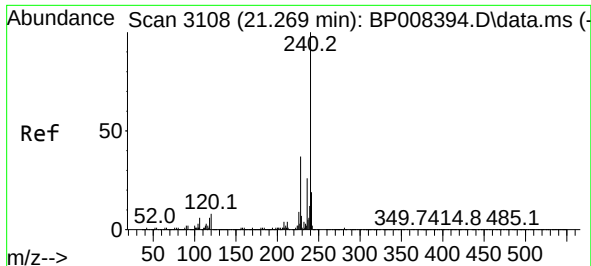
Tgt Ion:172 Resp: 986059
Ion Ratio Lower Upper
172 100
171 35.4 28.0 42.0
170 23.1 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

Tgt Ion:188 Resp: 341804
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 9.3 8.2 12.4

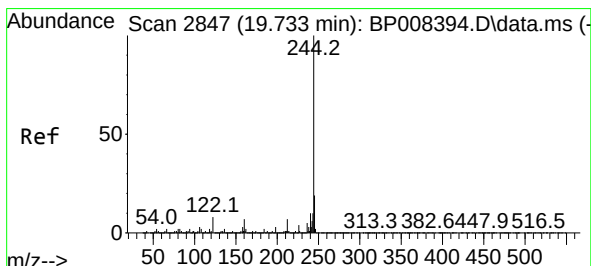
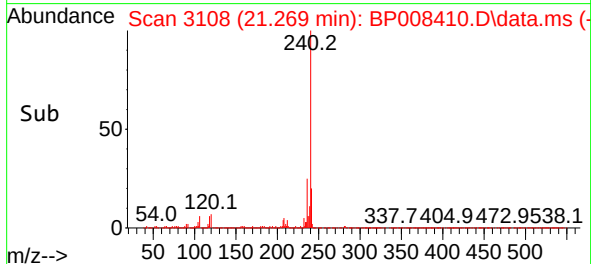
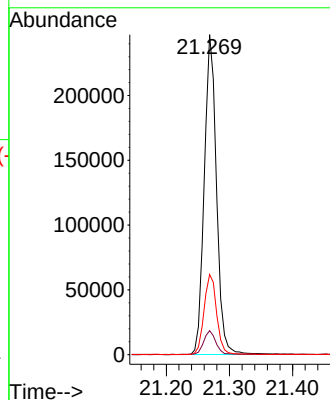
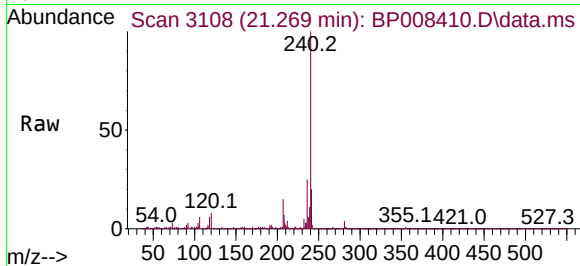




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

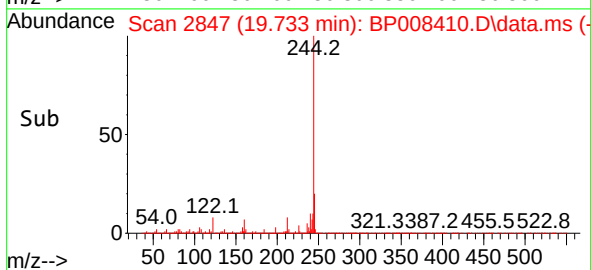
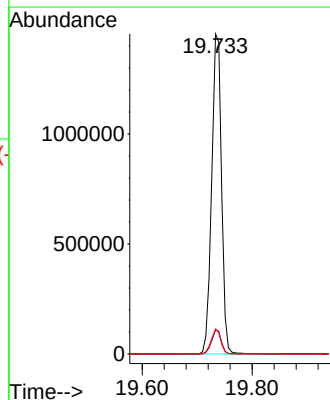
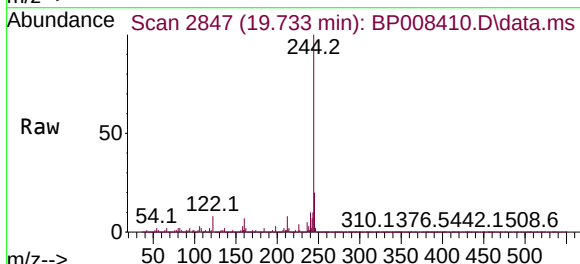
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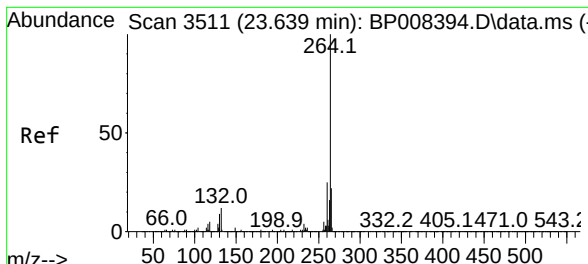
Tgt Ion:240 Resp: 333025
Ion Ratio Lower Upper
240 100
120 7.5 7.3 10.9
236 25.0 21.4 32.2



#79
Terphenyl-d14
Concen: 94.301 ng
RT: 19.733 min Scan# 2847
Delta R.T. -0.000 min
Lab File: BP008410.D
Acq: 15 Dec 2021 11:12

Tgt Ion:244 Resp: 1804458
Ion Ratio Lower Upper
244 100
212 7.5 6.0 9.0
122 7.8 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: BP008410.D
 Acq: 15 Dec 2021 11:12

Instrument :
 BNA_P
 ClientSampleId :
 PB141358BL

Tgt Ion:264 Resp: 295074

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.4	29.2
265	22.5	17.6	26.4

