

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008411.D
 Acq On : 15 Dec 2021 11:52
 Operator : CG/JU
 Sample : M5076-08
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-18-G

Quant Time: Dec 15 13:02:51 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)

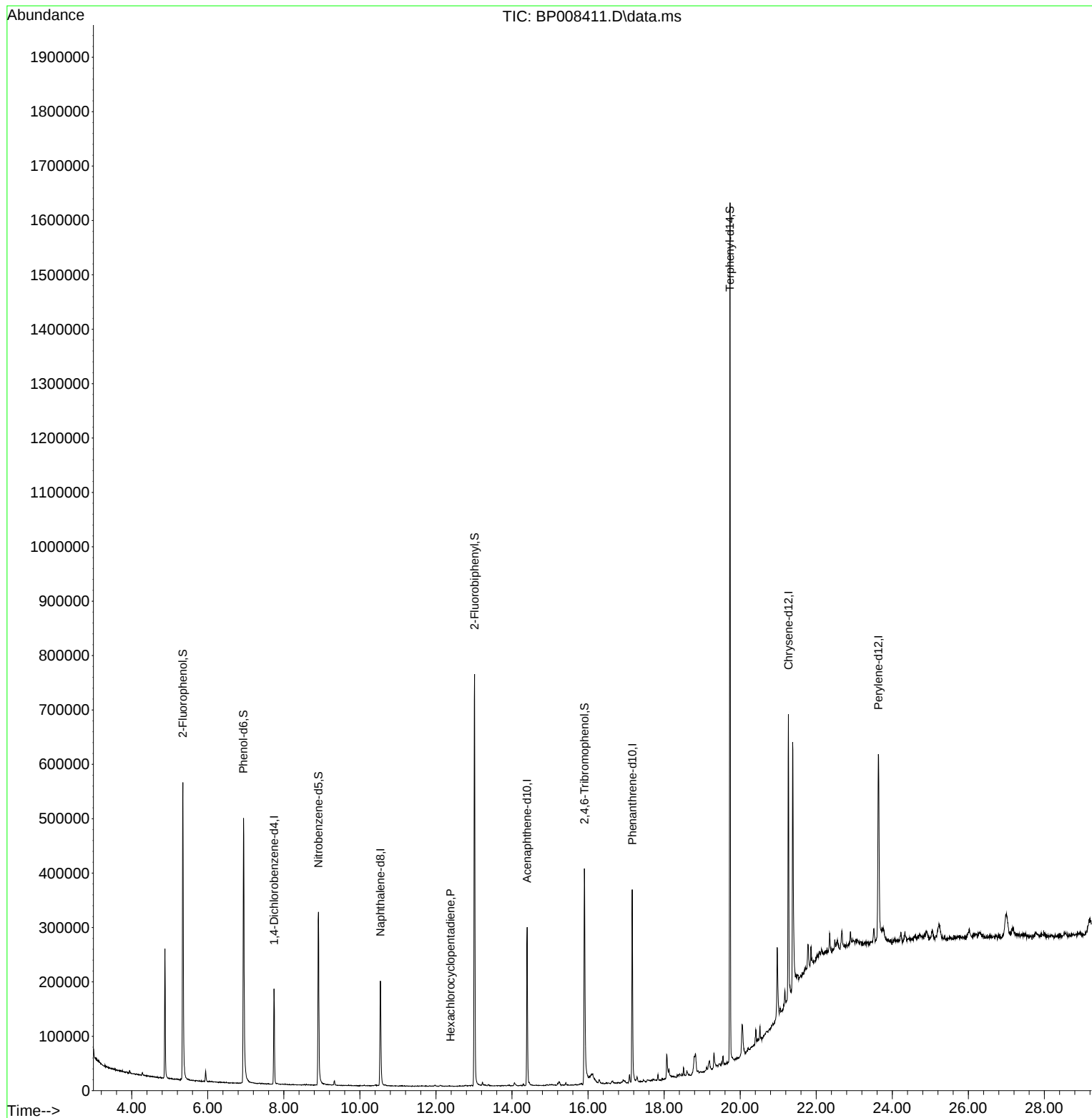
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	48702	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	170461	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	108121	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	231240	20.000	ng	0.00
76) Chrysene-d12	21.269	240	270550	20.000	ng	0.00
86) Perylene-d12	23.633	264	306969	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	242805	78.733	ng	0.00
7) Phenol-d6	6.940	99	313286	75.639	ng	0.00
23) Nitrobenzene-d5	8.910	82	211289	52.512	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	101550	63.911	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	416109	48.923	ng	0.00
79) Terphenyl-d14	19.733	244	750788	48.297	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.240	88	68	Below Cal	#	1
9) Benzaldehyde	6.852	77	88	Below Cal	#	26
41) Hexachlorocyclopentadiene	12.381	237	10	8.660	ng	94

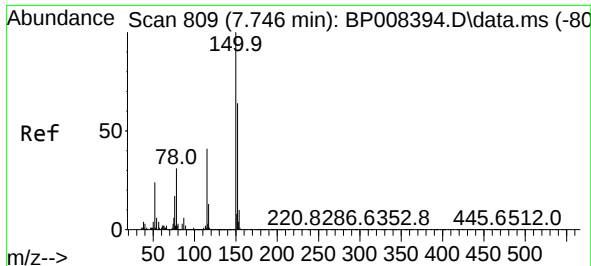
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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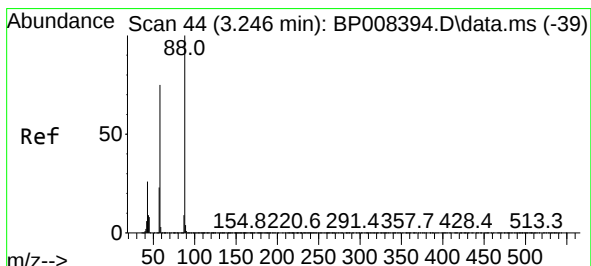
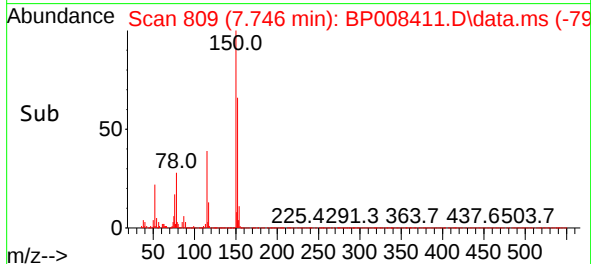
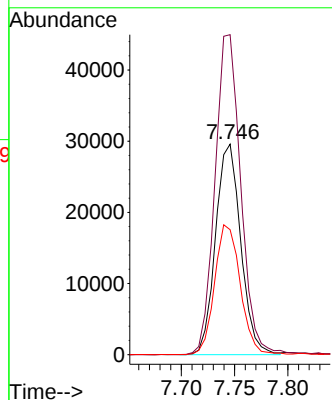
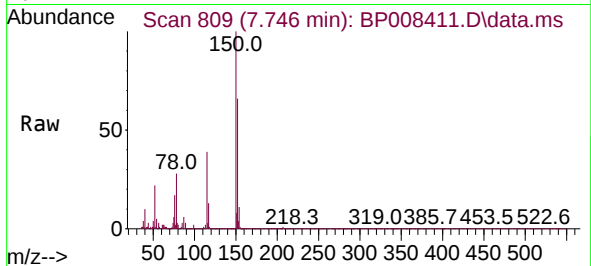




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.746 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP008411.D
 Acq: 15 Dec 2021 11:52

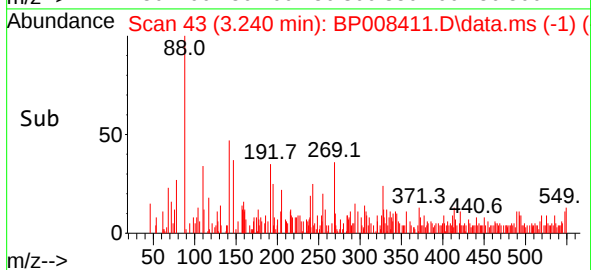
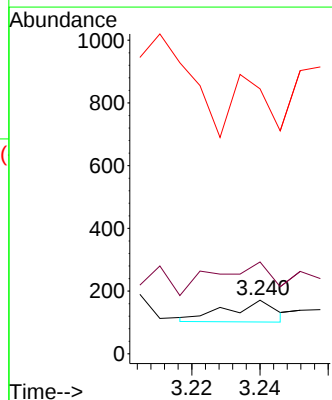
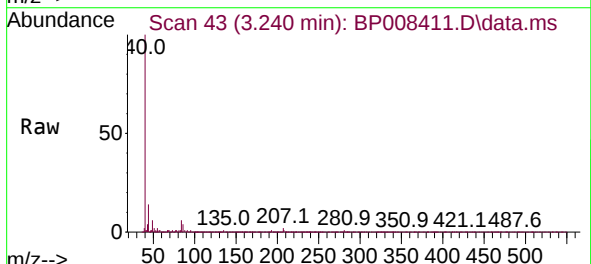
Instrument :
 BNA_P
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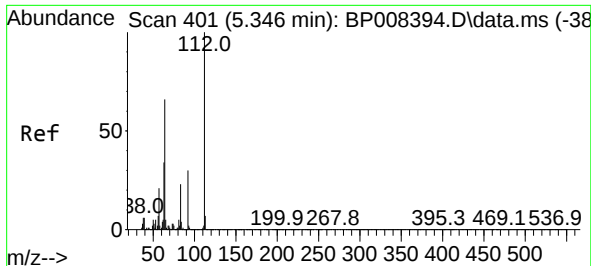
Tgt Ion:152 Resp: 48702
 Ion Ratio Lower Upper
 152 100
 150 152.0 125.7 188.5
 115 59.4 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.240 min Scan# 43
 Delta R.T. -0.006 min
 Lab File: BP008411.D
 Acq: 15 Dec 2021 11:52

Tgt Ion: 88 Resp: 68
 Ion Ratio Lower Upper
 88 100
 58 180.9 63.5 95.3#
 43 195.6 23.4 35.2#

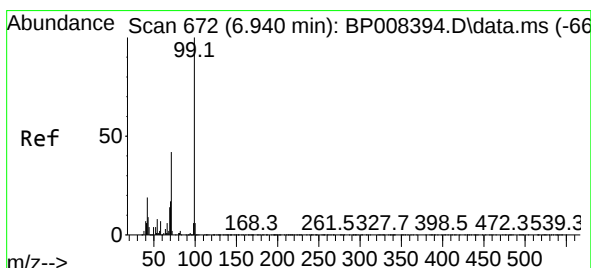
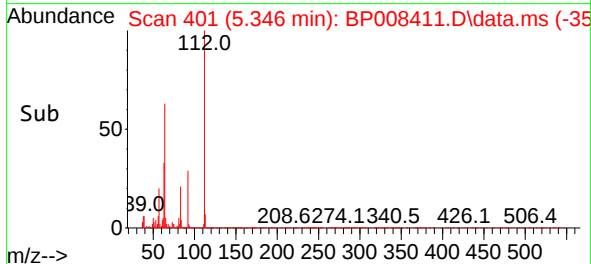
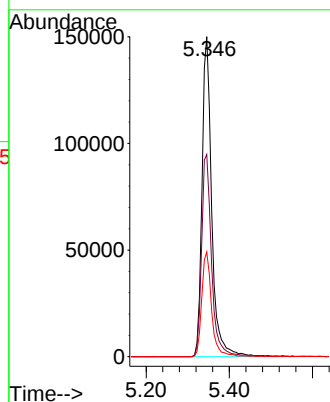
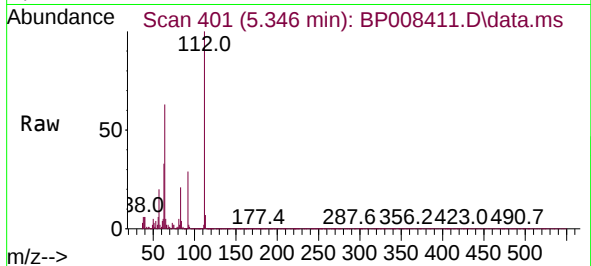




#5
2-Fluorophenol
Concen: 78.733 ng
RT: 5.346 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP008411.D
Acq: 15 Dec 2021 11:52

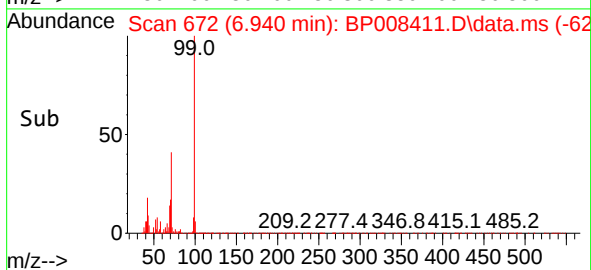
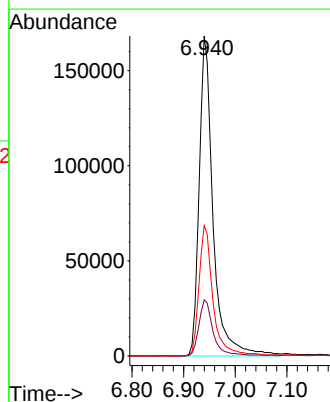
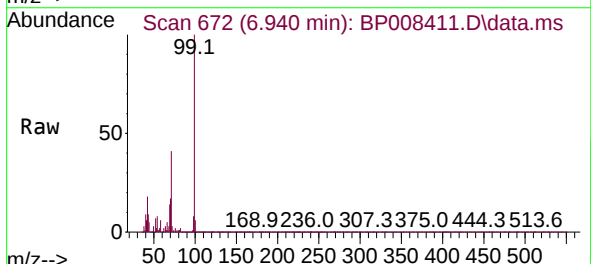
Instrument :
BNA_P
ClientSampleId :
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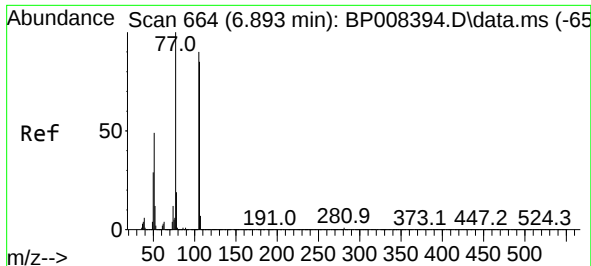
Tgt Ion:112 Resp: 242805
Ion Ratio Lower Upper
112 100
64 63.2 53.4 80.2
63 32.8 27.8 41.8



#7
Phenol-d6
Concen: 75.639 ng
RT: 6.940 min Scan# 672
Delta R.T. -0.000 min
Lab File: BP008411.D
Acq: 15 Dec 2021 11:52

Tgt Ion: 99 Resp: 313286
Ion Ratio Lower Upper
99 100
42 17.6 14.6 22.0
71 40.7 31.1 46.7

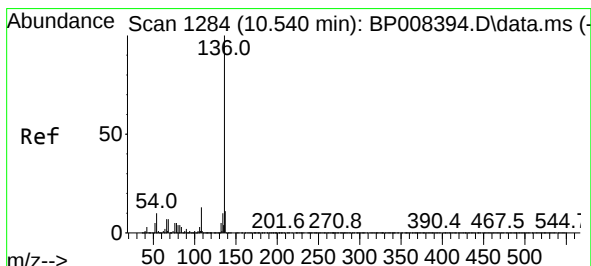
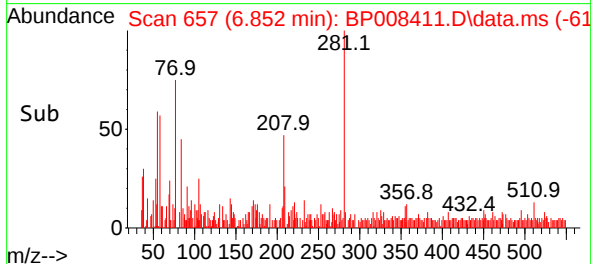
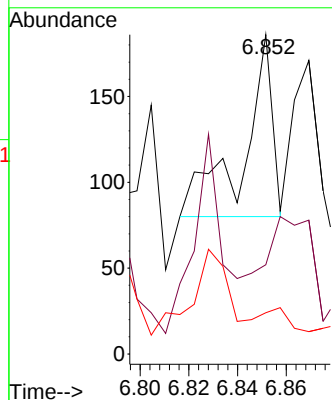
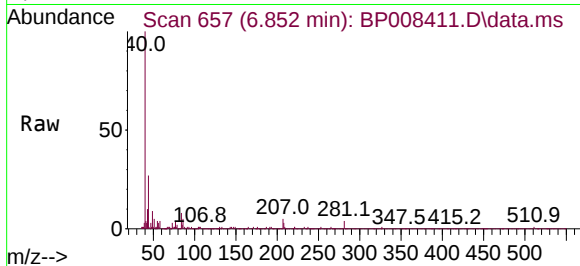




#9
Benzaldehyde
Concen: Below Cal
RT: 6.852 min Scan# 61
Delta R.T. -0.041 min
Lab File: BP008411.D
Acq: 15 Dec 2021 11:52

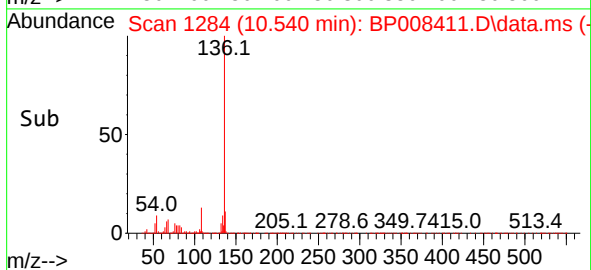
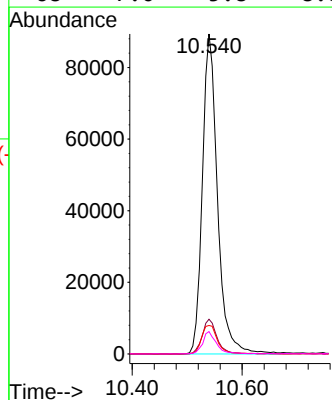
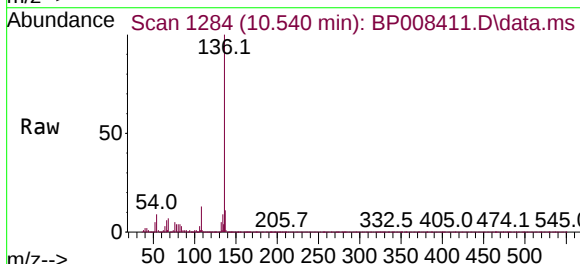
Instrument :
BNA_P
ClientSampleId :
SB-18-G

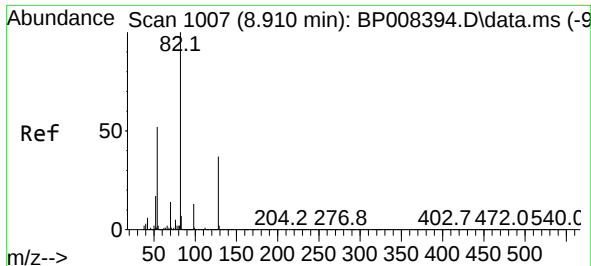
Tgt Ion: 77 Resp: 88
Ion Ratio Lower Upper
77 100
105 28.0 71.8 111.8#
106 12.9 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008411.D
Acq: 15 Dec 2021 11:52

Tgt Ion: 136 Resp: 170461
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 8.9 8.2 12.4
68 7.0 5.8 8.8

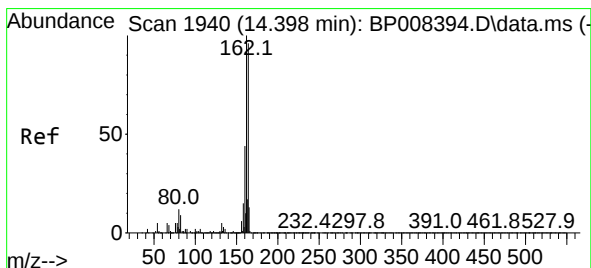
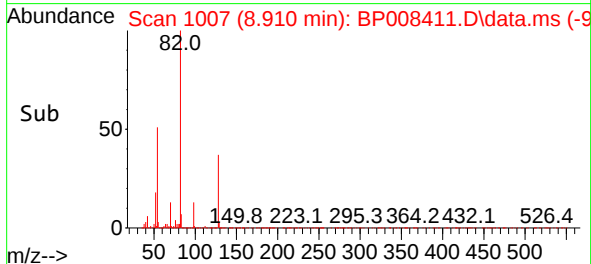
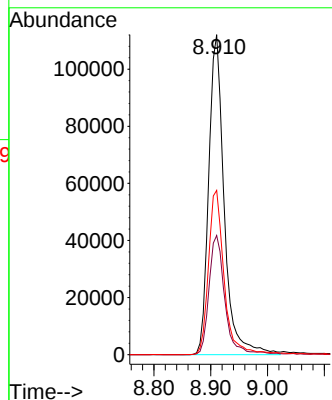
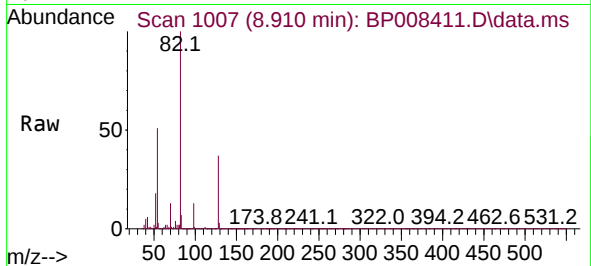




#23
Nitrobenzene-d5
Concen: 52.512 ng
RT: 8.910 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BP008411.D
Acq: 15 Dec 2021 11:52

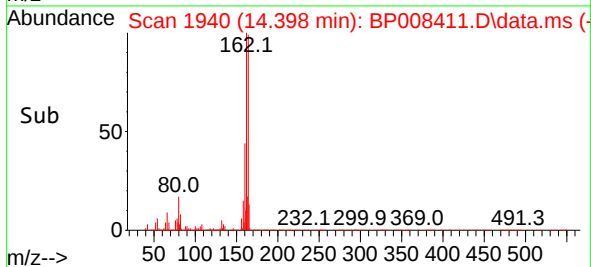
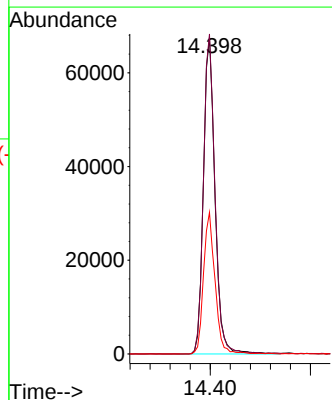
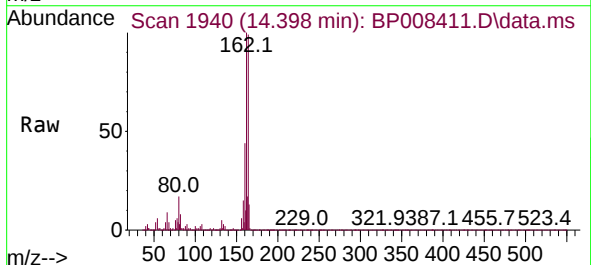
Instrument :
BNA_P
ClientSampleId :
SB-18-G

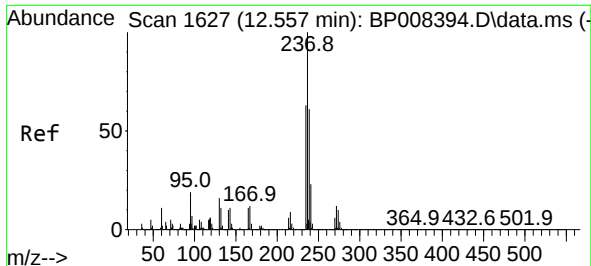
Tgt Ion: 82 Resp: 211289
Ion Ratio Lower Upper
82 100
128 37.3 29.6 44.4
54 51.4 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008411.D
Acq: 15 Dec 2021 11:52

Tgt Ion:164 Resp: 108121
Ion Ratio Lower Upper
164 100
162 101.1 81.9 122.9
160 44.7 35.4 53.0

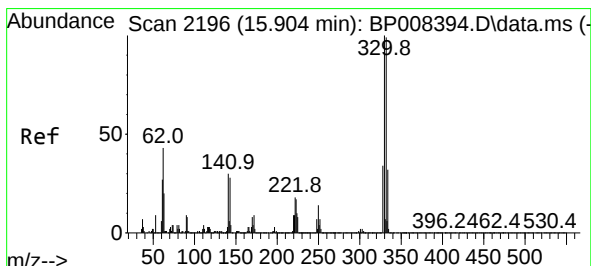
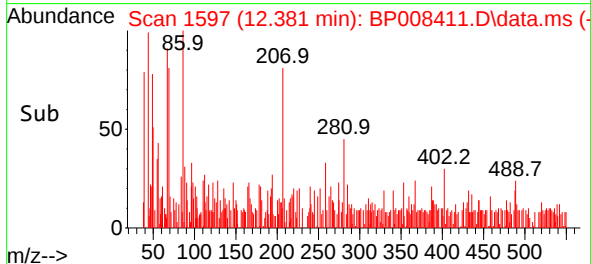
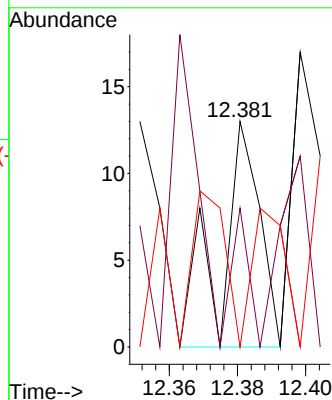
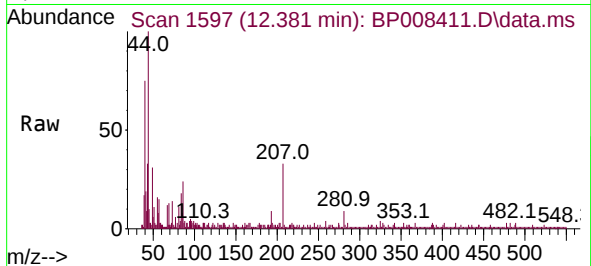




#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.381 min Scan# 1597
Delta R.T. -0.176 min
Lab File: BP008411.D
Acq: 15 Dec 2021 11:52

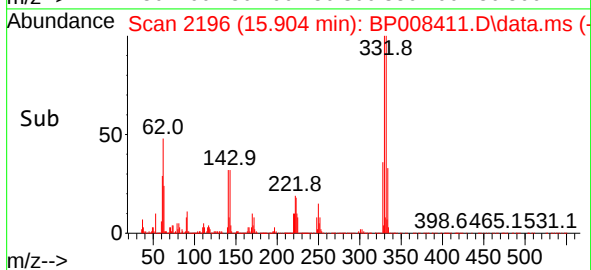
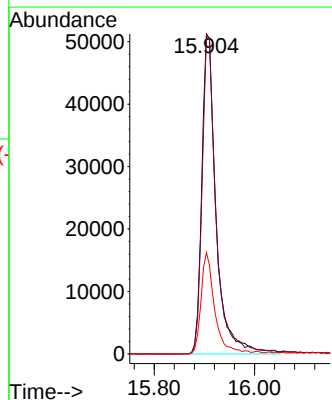
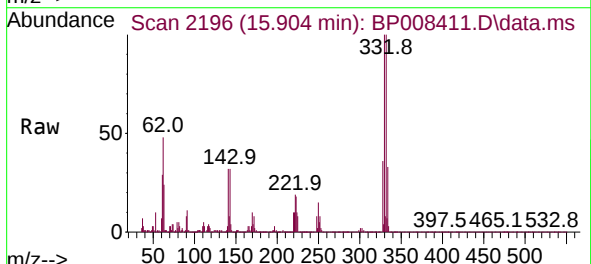
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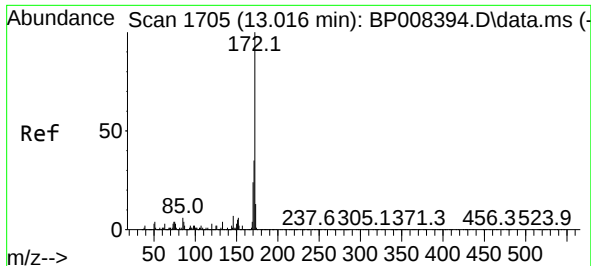
Tgt Ion:237	Resp:	10
Ion	Ratio	Lower Upper
237	100	
235	61.5	42.3 82.3
272	0.0	0.0 32.2



#42
2,4,6-Tribromophenol
Concen: 63.911 ng
RT: 15.904 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP008411.D
Acq: 15 Dec 2021 11:52

Tgt Ion:330	Resp:	101550
Ion	Ratio	Lower Upper
330	100	
332	97.4	77.0 115.4
141	30.1	28.4 42.6

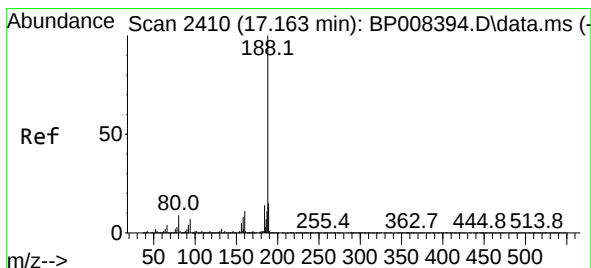
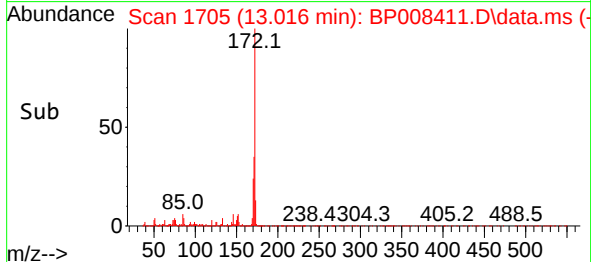
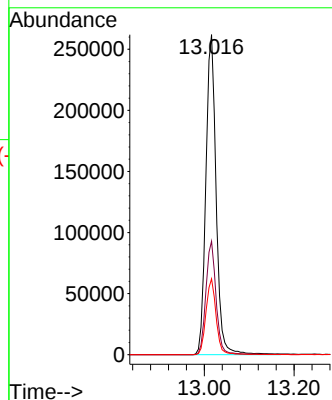
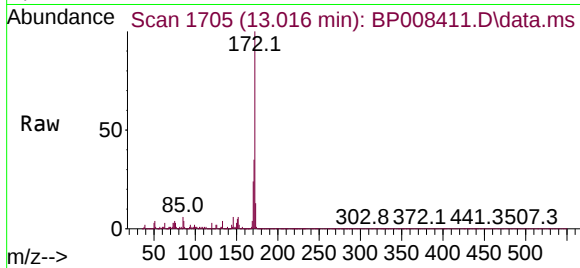




#45
2-Fluorobiphenyl
Concen: 48.923 ng
RT: 13.016 min Scan# 1705
Delta R.T. -0.000 min
Lab File: BP008411.D
Acq: 15 Dec 2021 11:52

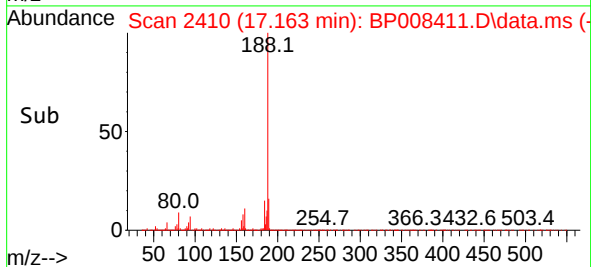
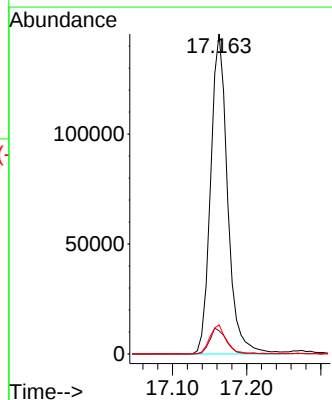
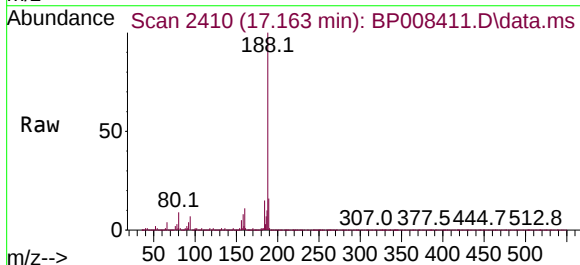
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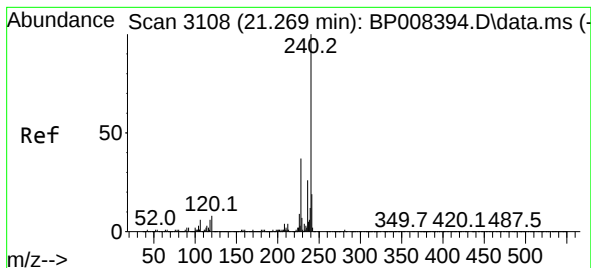
Tgt Ion:172 Resp: 416109
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.7 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. -0.000 min
Lab File: BP008411.D
Acq: 15 Dec 2021 11:52

Tgt Ion:188 Resp: 231240
Ion Ratio Lower Upper
188 100
94 7.2 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: BP008411.D

Acq: 15 Dec 2021 11:52

Instrument :

BNA_P

ClientSampleId :

SB-18-G

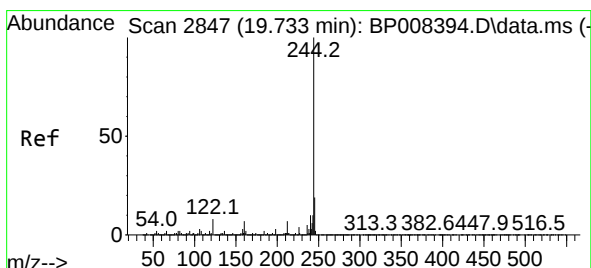
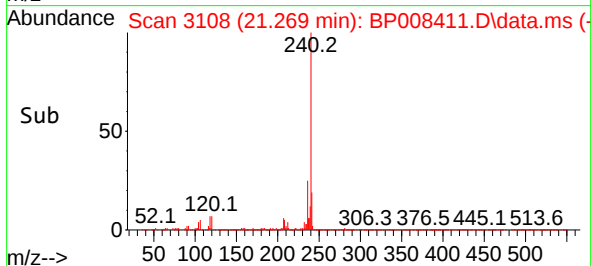
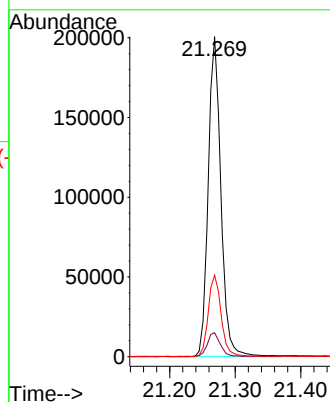
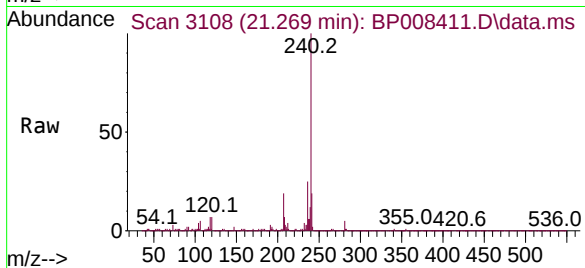
Tgt Ion:240 Resp: 270550

Ion Ratio Lower Upper

240 100

120 7.5 7.3 10.9

236 25.5 21.4 32.2



#79

Terphenyl-d14

Concen: 48.297 ng

RT: 19.733 min Scan# 2847

Delta R.T. -0.000 min

Lab File: BP008411.D

Acq: 15 Dec 2021 11:52

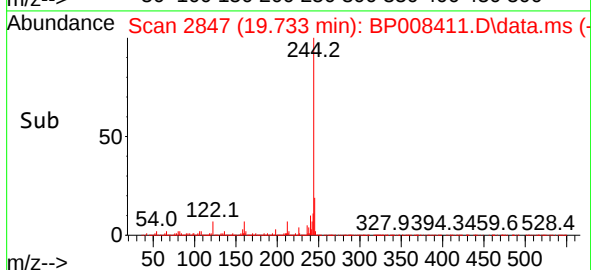
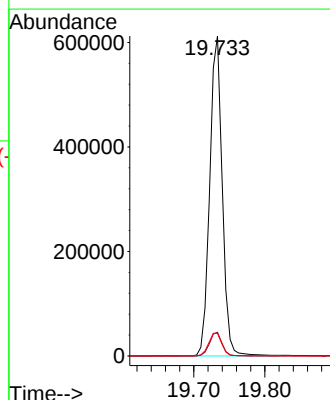
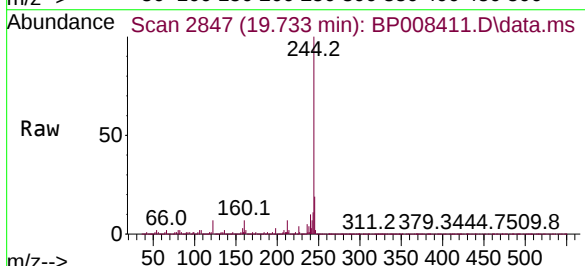
Tgt Ion:244 Resp: 750788

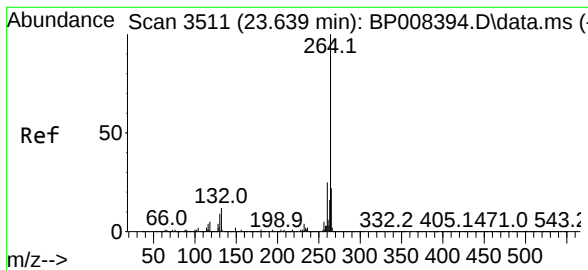
Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 7.0 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.633 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP008411.D

Acq: 15 Dec 2021 11:52

Instrument :

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ClientSampleId :

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Tgt Ion:264 Resp: 306969

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 22.8 17.6 26.4

