

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008400.D
 Acq On : 14 Dec 2021 19:06
 Operator : CG/JU
 Sample : PB141340BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141340BL

Quant Time: Dec 14 20:12:26 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)

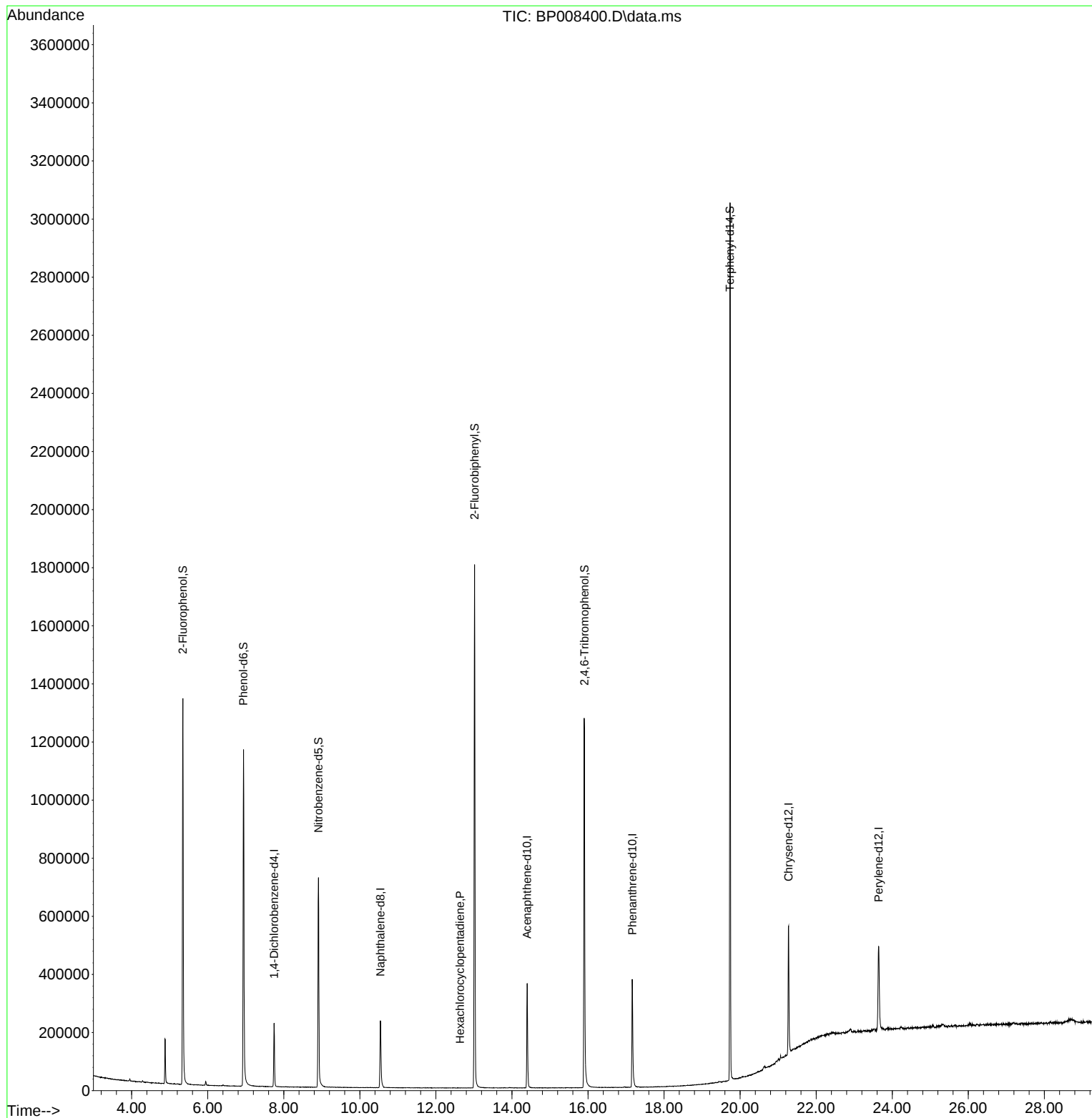
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	57419	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	206000	20.000	ng	# 0.00
39) Acenaphthene-d10	14.398	164	135523	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	275103	20.000	ng	0.00
76) Chrysene-d12	21.275	240	256124	20.000	ng	# 0.00
86) Perylene-d12	23.639	264	271873	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	547334	150.537	ng	0.00
7) Phenol-d6	6.940	99	663364	135.846	ng	0.00
23) Nitrobenzene-d5	8.911	82	453322	93.228	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	283359	142.276	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	936967	87.887	ng	0.00
79) Terphenyl-d14	19.733	244	1371123	93.169	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.264	88	47	Below Cal	#	1
9) Benzaldehyde	6.875	77	195	Below Cal	#	13
41) Hexachlorocyclopentadiene	12.634	237	11	8.659 ng		82

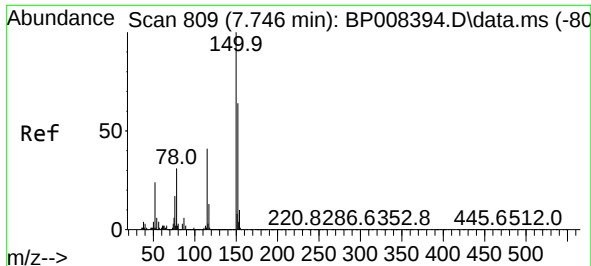
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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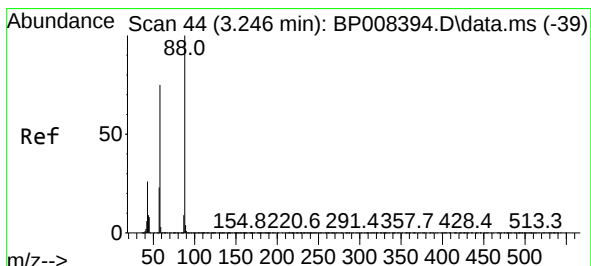
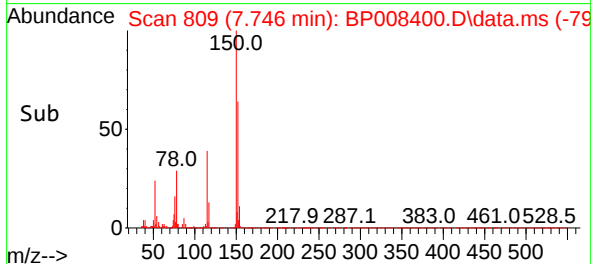
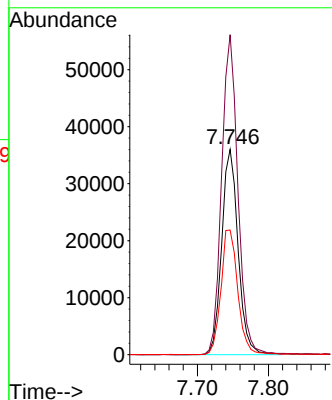
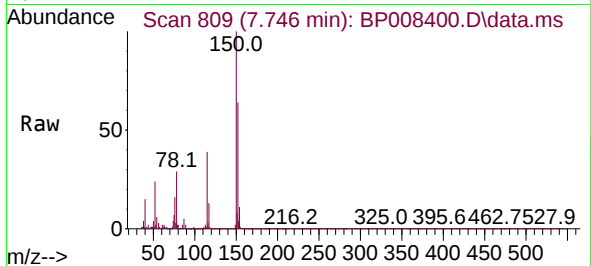




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.746 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BP008400.D
 Acq: 14 Dec 2021 19:06

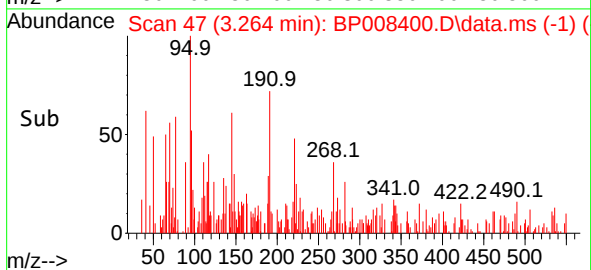
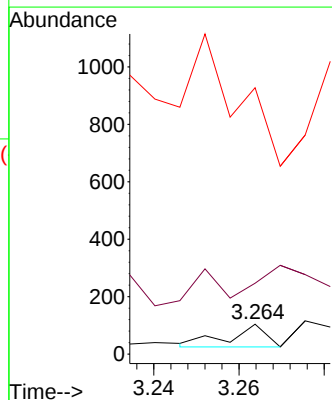
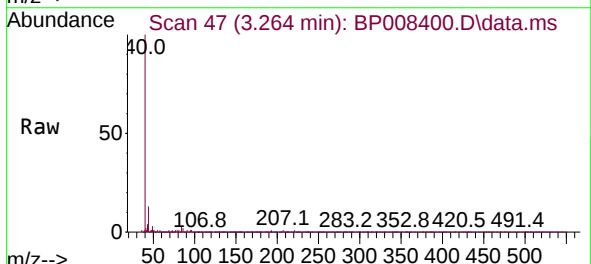
Instrument :
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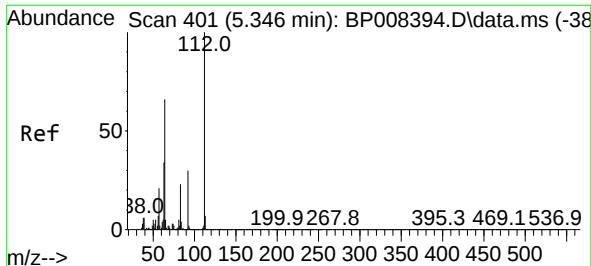
Tgt Ion:152 Resp: 57419
 Ion Ratio Lower Upper
 152 100
 150 155.9 125.7 188.5
 115 60.7 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.264 min Scan# 47
 Delta R.T. 0.018 min
 Lab File: BP008400.D
 Acq: 14 Dec 2021 19:06

Tgt Ion: 88 Resp: 47
 Ion Ratio Lower Upper
 88 100
 58 129.8 63.5 95.3#
 43 680.9 23.4 35.2#

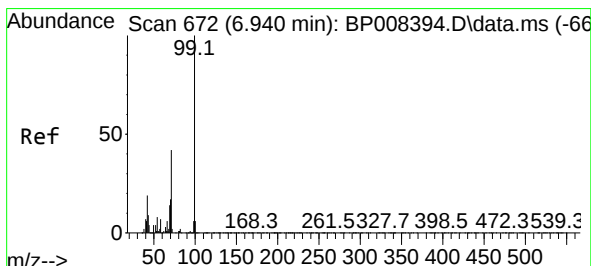
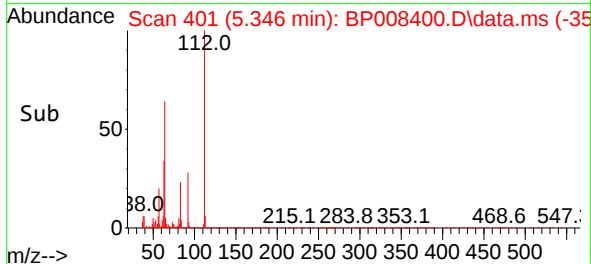
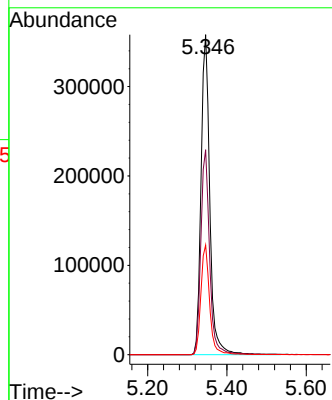
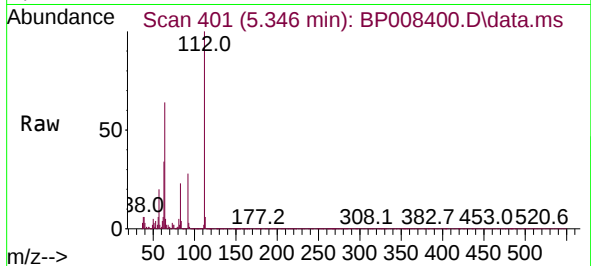




#5
2-Fluorophenol
Concen: 150.537 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008400.D
Acq: 14 Dec 2021 19:06

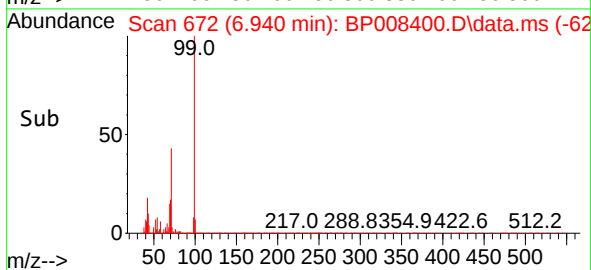
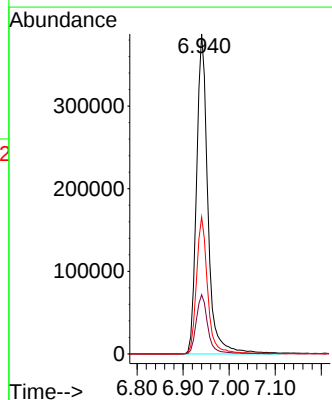
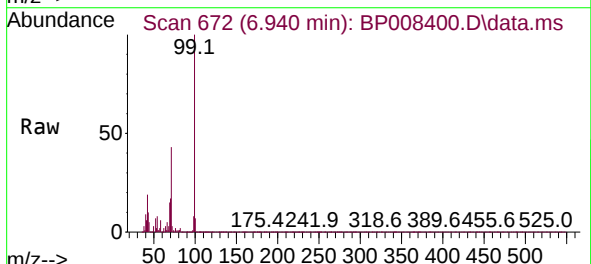
Instrument :
BNA_P
ClientSampleId :
PB141340BL

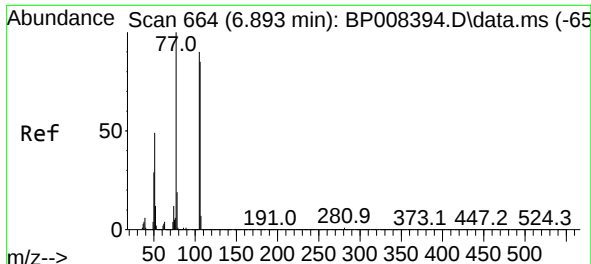
Tgt Ion:112 Resp: 547334
Ion Ratio Lower Upper
112 100
64 64.1 53.4 80.2
63 34.3 27.8 41.8



#7
Phenol-d6
Concen: 135.846 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008400.D
Acq: 14 Dec 2021 19:06

Tgt Ion: 99 Resp: 663364
Ion Ratio Lower Upper
99 100
42 18.5 14.6 22.0
71 42.8 31.1 46.7

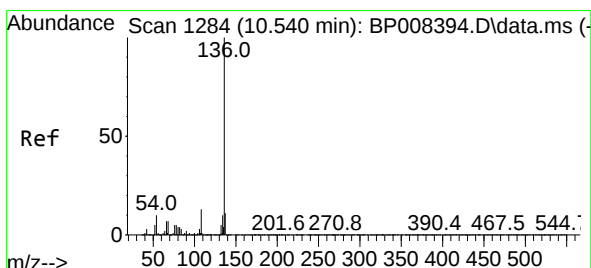
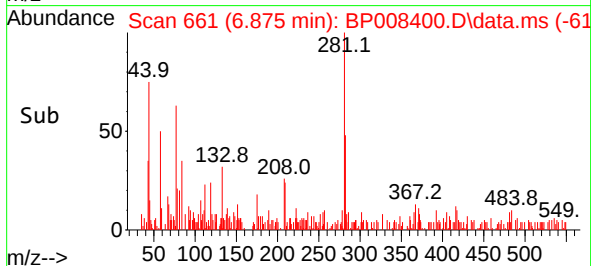
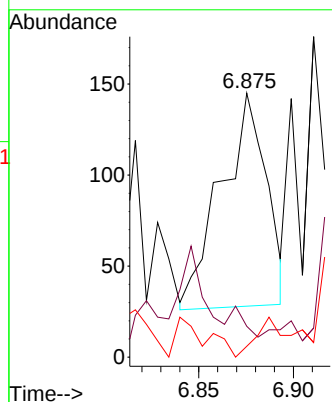
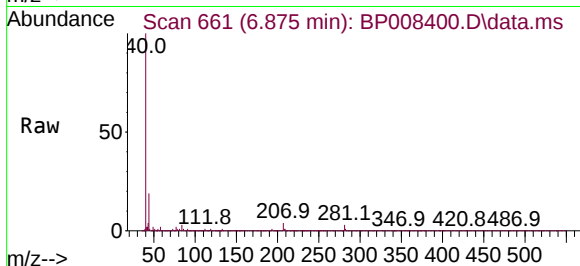




#9
Benzaldehyde
Concen: Below Cal
RT: 6.875 min Scan# 61
Delta R.T. -0.018 min
Lab File: BP008400.D
Acq: 14 Dec 2021 19:06

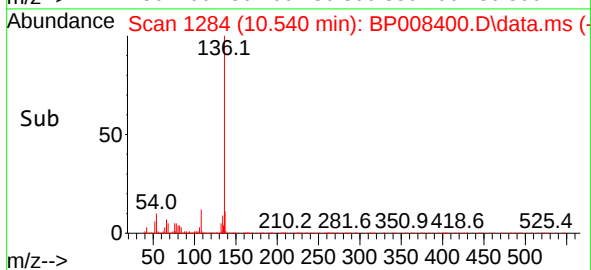
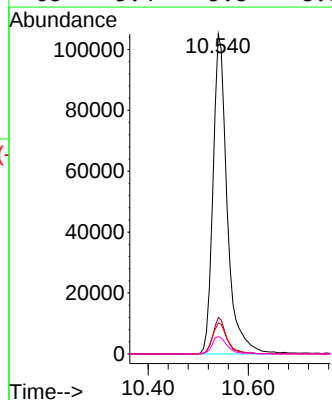
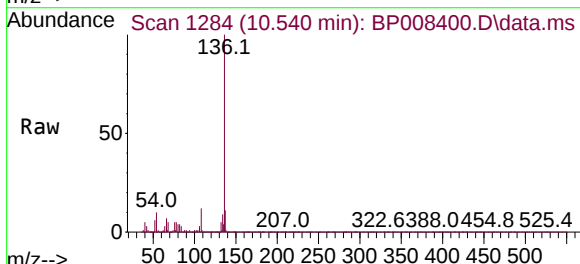
Instrument :
BNA_P
ClientSampleId :
PB141340BL

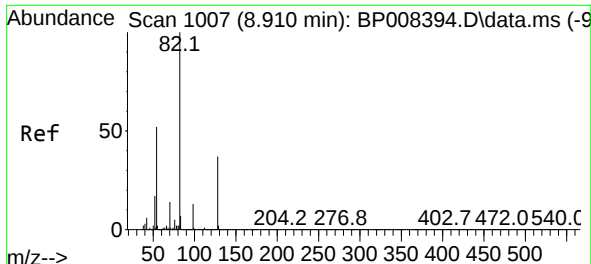
Tgt Ion: 77 Resp: 195
Ion Ratio Lower Upper
77 100
105 11.7 71.8 111.8#
106 4.1 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008400.D
Acq: 14 Dec 2021 19:06

Tgt Ion: 136 Resp: 206000
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 9.7 8.2 12.4
68 5.4 5.8 8.8#

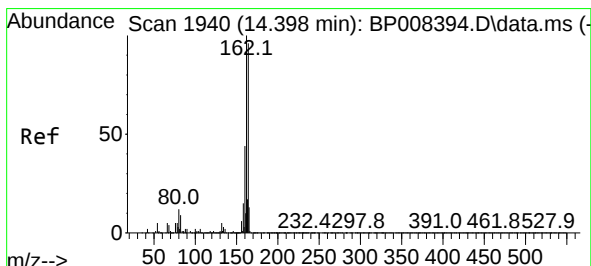
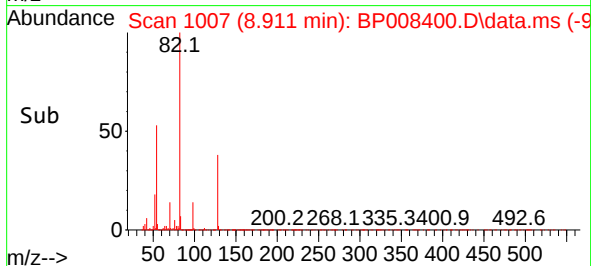
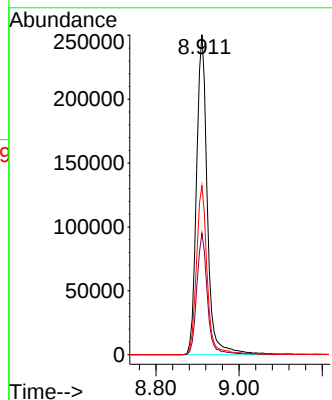
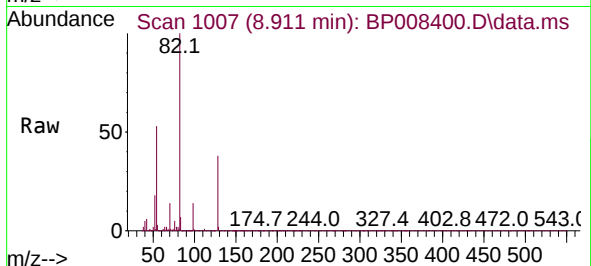




#23
Nitrobenzene-d5
Concen: 93.228 ng
RT: 8.911 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BP008400.D
Acq: 14 Dec 2021 19:06

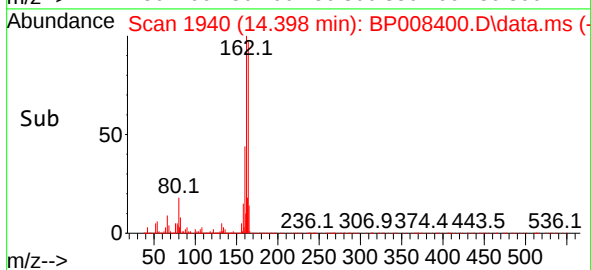
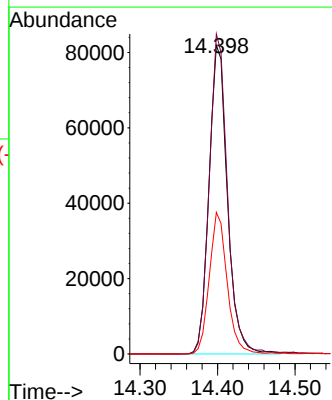
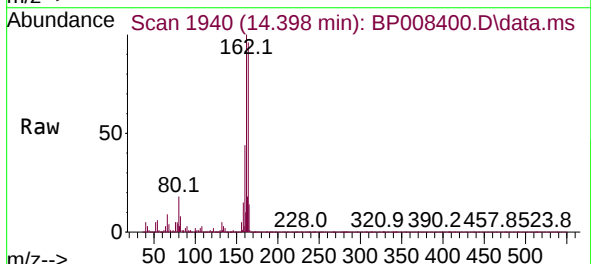
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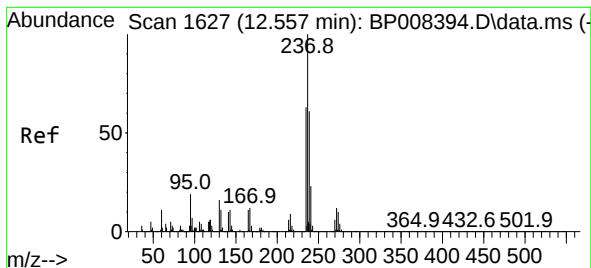
Tgt Ion: 82 Resp: 453322
Ion Ratio Lower Upper
82 100
128 37.9 29.6 44.4
54 52.8 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP008400.D
Acq: 14 Dec 2021 19:06

Tgt Ion: 164 Resp: 135523
Ion Ratio Lower Upper
164 100
162 103.6 81.9 122.9
160 45.8 35.4 53.0

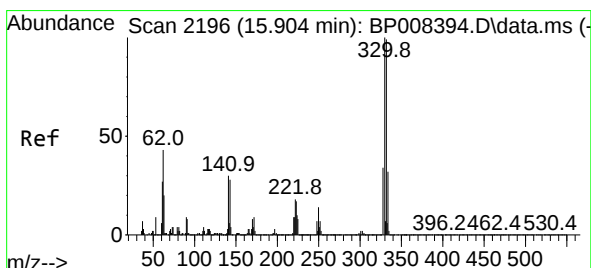
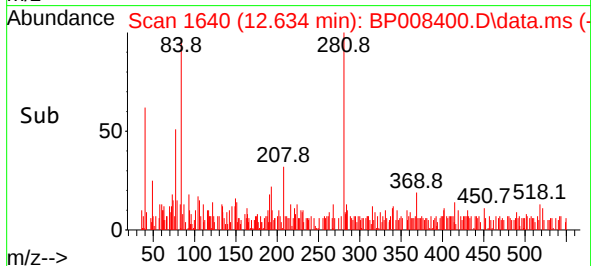
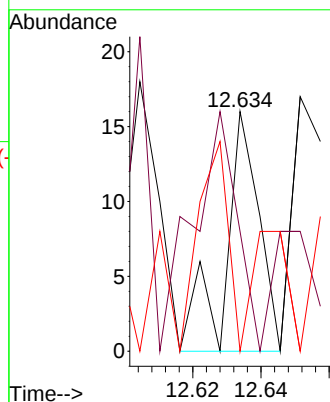
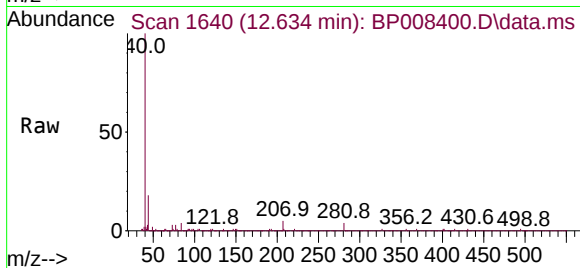




#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.634 min Scan# 1640
Delta R.T. 0.077 min
Lab File: BP008400.D
Acq: 14 Dec 2021 19:06

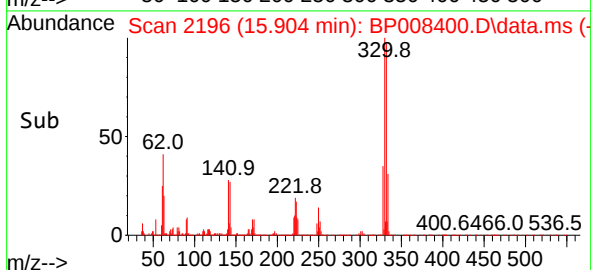
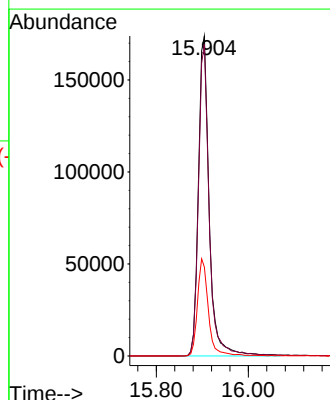
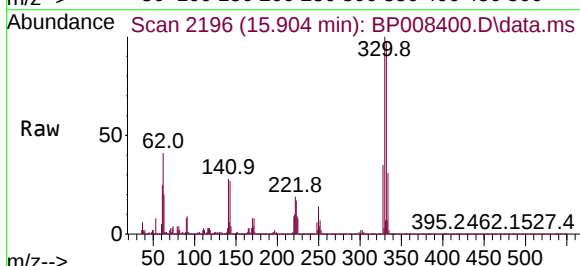
Instrument :
BNA_P
ClientSampleId :
PB141340BL

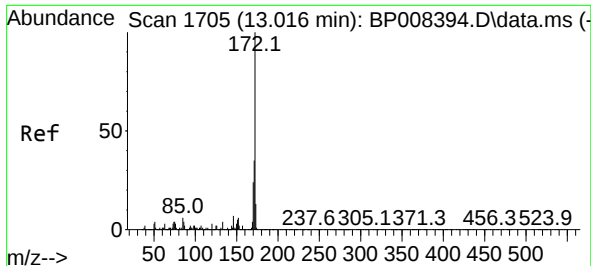
Tgt Ion:	237	Resp:	11
Ion	Ratio	Lower	Upper
237	100		
235	50.0	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 142.276 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008400.D
Acq: 14 Dec 2021 19:06

Tgt Ion:	330	Resp:	283359
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.4
141	30.8	28.4	42.6

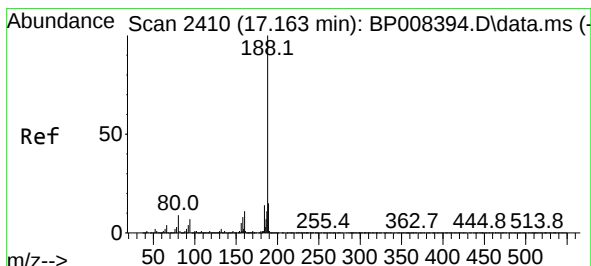
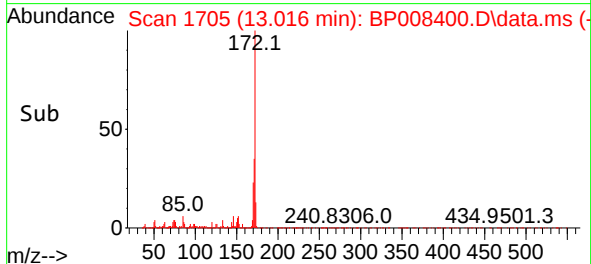
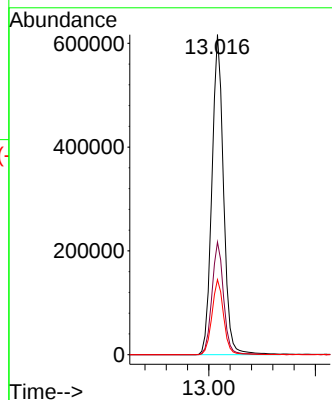
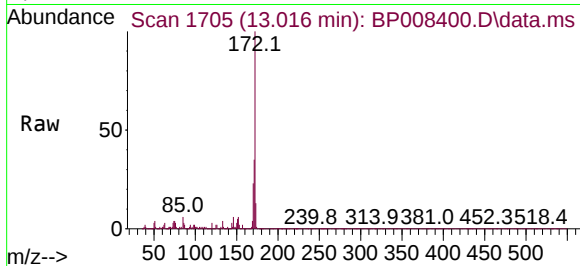




#45
2-Fluorobiphenyl
Concen: 87.887 ng
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP008400.D
Acq: 14 Dec 2021 19:06

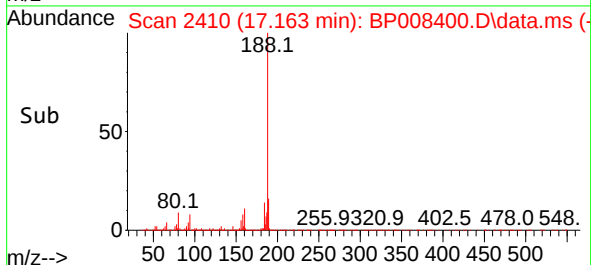
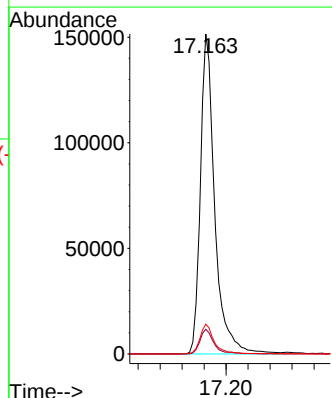
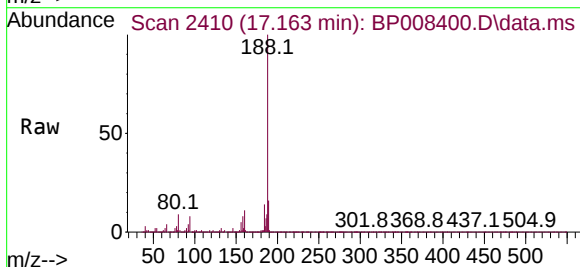
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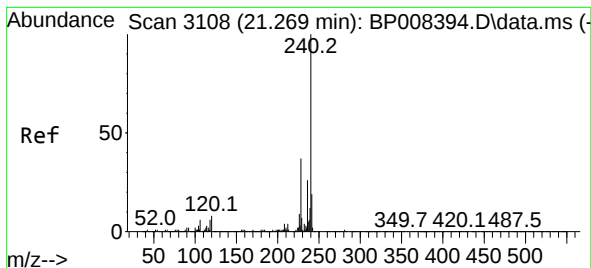
Tgt Ion:172 Resp: 936967
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.4 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP008400.D
Acq: 14 Dec 2021 19:06

Tgt Ion:188 Resp: 275103
Ion Ratio Lower Upper
188 100
94 7.7 7.2 10.8
80 9.3 8.2 12.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.275 min Scan# 3108

Delta R.T. 0.006 min

Lab File: BP008400.D

Acq: 14 Dec 2021 19:06

Instrument :

BNA_P

ClientSampleId :

PB141340BL

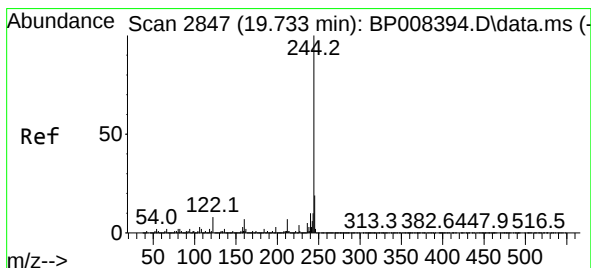
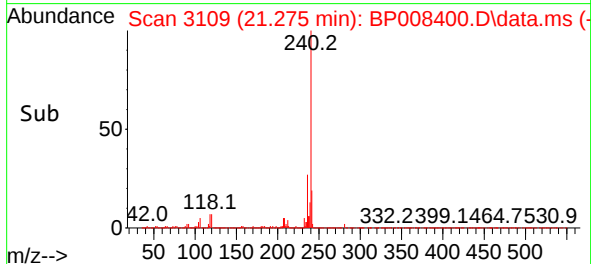
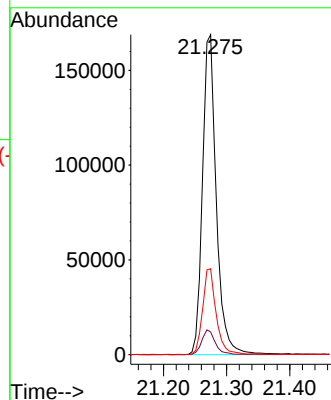
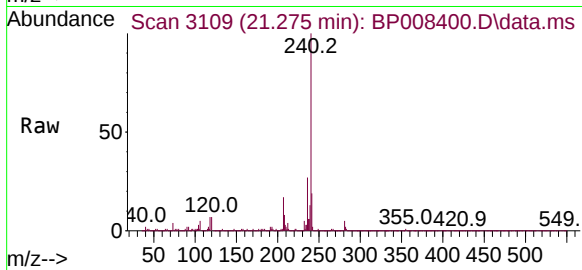
Tgt Ion:240 Resp: 256124

Ion Ratio Lower Upper

240 100

120 7.1 7.3 10.9#

236 26.8 21.4 32.2



#79

Terphenyl-d14

Concen: 93.169 ng

RT: 19.733 min Scan# 2847

Delta R.T. 0.000 min

Lab File: BP008400.D

Acq: 14 Dec 2021 19:06

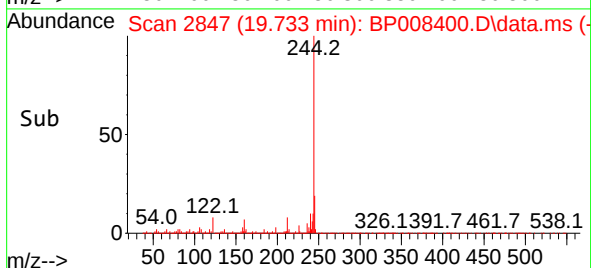
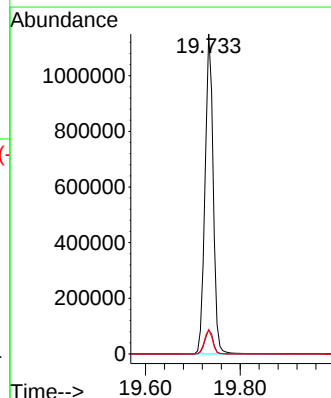
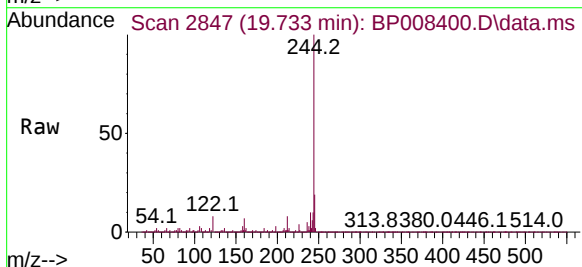
Tgt Ion:244 Resp: 1371123

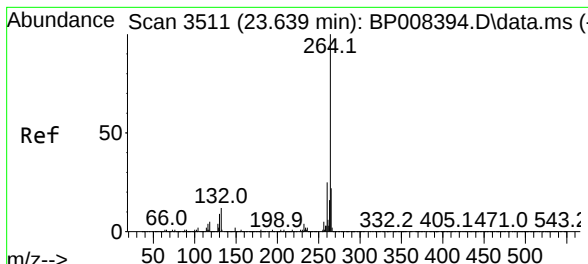
Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 7.5 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: BP008400.D
Acq: 14 Dec 2021 19:06

Instrument :
BNA_P
ClientSampleId :
PB141340BL

Tgt Ion:	264	Resp:	271873
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.4	29.2
265	23.3	17.6	26.4

