

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121421\
 Data File : BP008404.D
 Acq On : 14 Dec 2021 21:21
 Operator : CG/JU
 Sample : M5017-49
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP1-B

Quant Time: Dec 15 02:00:31 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)

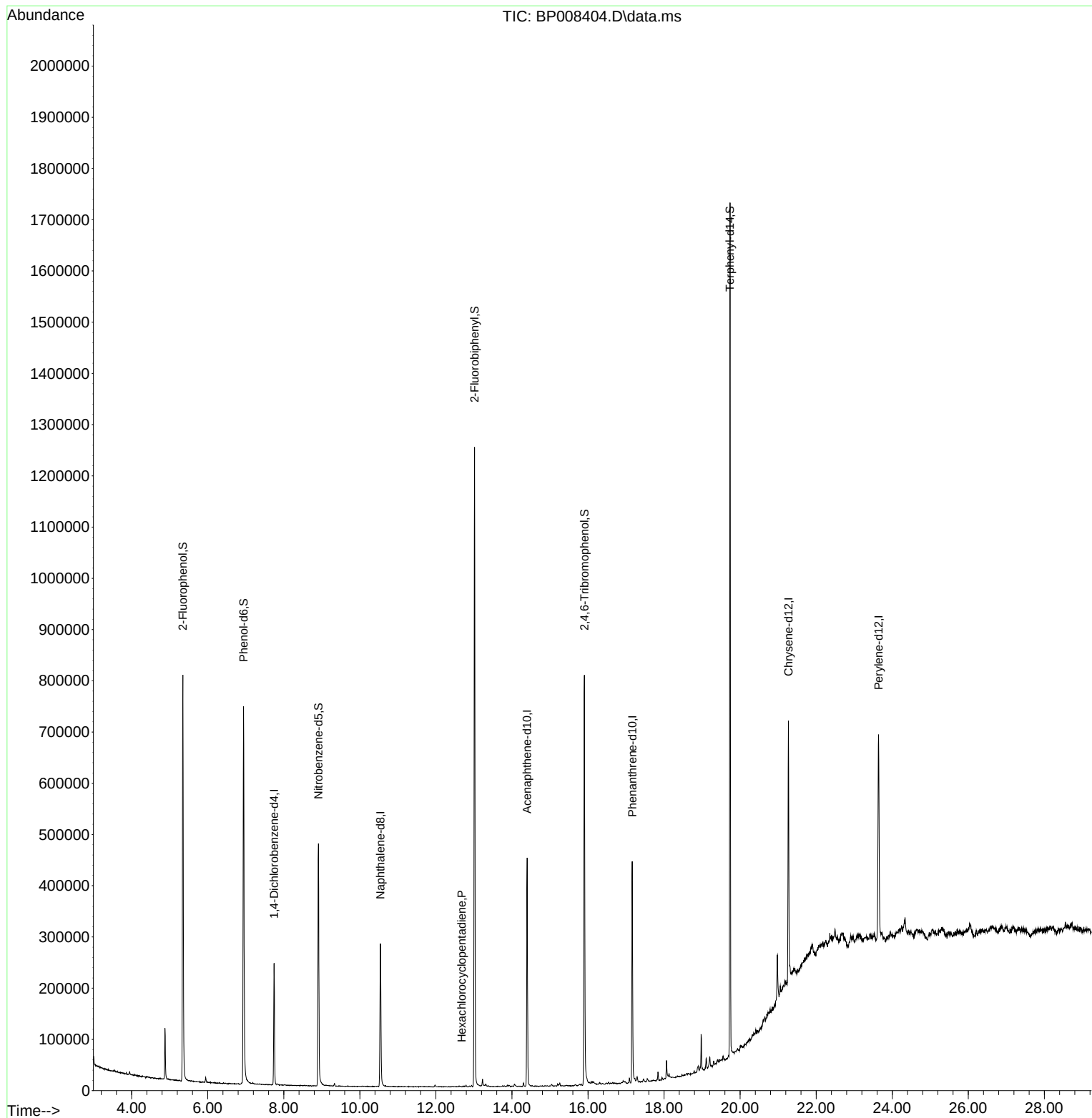
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	61719	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	237685	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	155694	20.000	ng	0.00
64) Phenanthrene-d10	17.163	188	280177	20.000	ng	0.00
76) Chrysene-d12	21.269	240	273724	20.000	ng	0.00
86) Perylene-d12	23.639	264	323639	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	332746	85.142	ng	0.00
7) Phenol-d6	6.940	99	443816	84.554	ng	0.00
23) Nitrobenzene-d5	8.910	82	296745	52.892	ng	0.00
42) 2,4,6-Tribromophenol	15.904	330	173440	75.803	ng	0.00
45) 2-Fluorobiphenyl	13.016	172	643707	52.557	ng	0.00
79) Terphenyl-d14	19.733	244	772997	49.149	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	72	Below Cal	#	1
9) Benzaldehyde	6.887	77	133	Below Cal	#	37
41) Hexachlorocyclopentadiene	12.681	237	23	8.664 ng		80

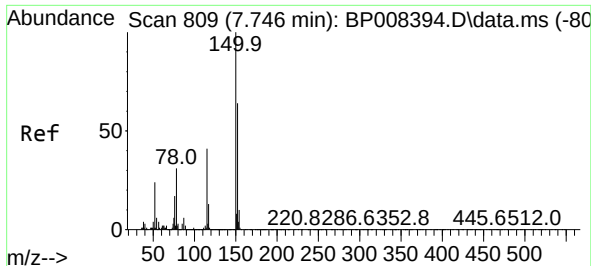
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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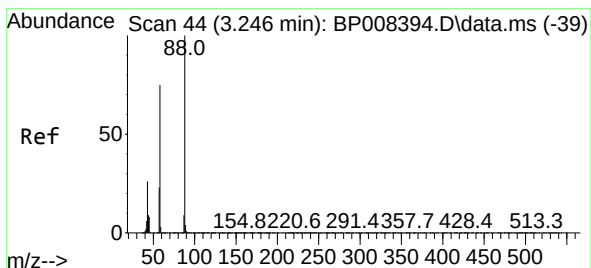
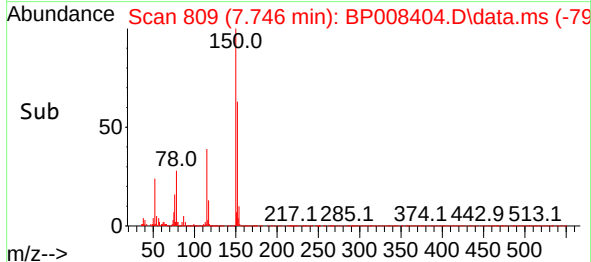
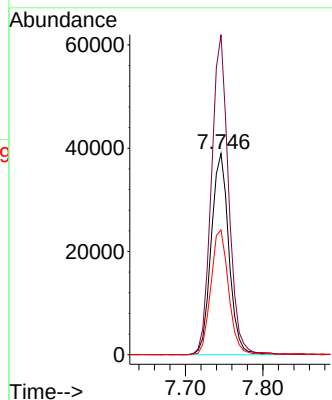
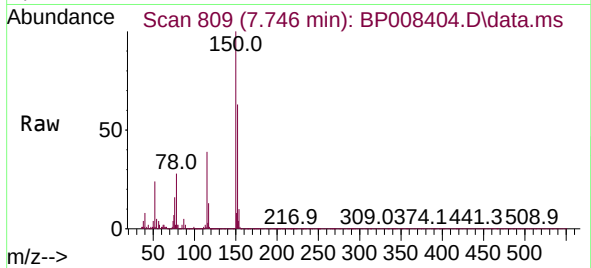




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.746 min Scan# 809
 Delta R.T. -0.000 min
 Lab File: BP008404.D
 Acq: 14 Dec 2021 21:21

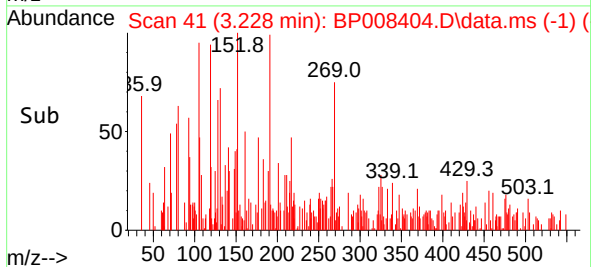
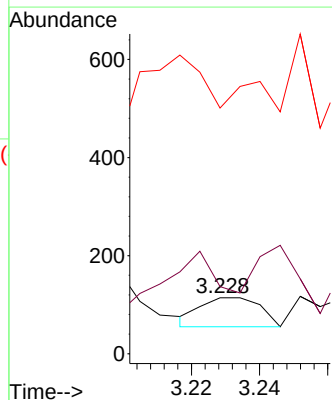
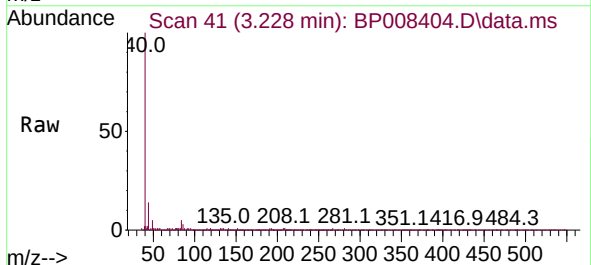
Instrument :
 BNA_P
 ClientSampleId :
 SP1-B

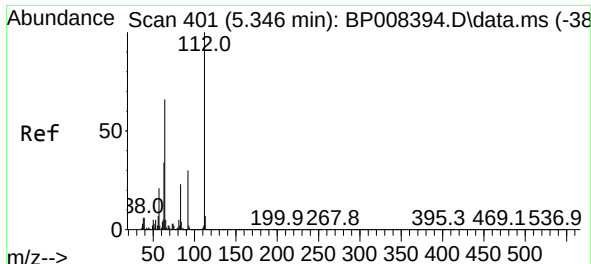
Tgt Ion:152 Resp: 61719
 Ion Ratio Lower Upper
 152 100
 150 159.1 125.7 188.5
 115 62.1 50.7 76.1



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.228 min Scan# 41
 Delta R.T. -0.018 min
 Lab File: BP008404.D
 Acq: 14 Dec 2021 21:21

Tgt Ion: 88 Resp: 72
 Ion Ratio Lower Upper
 88 100
 58 213.9 63.5 95.3#
 43 126.4 23.4 35.2#

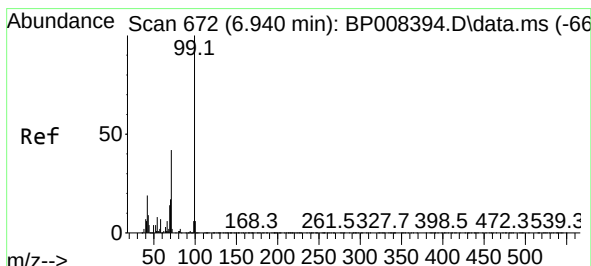
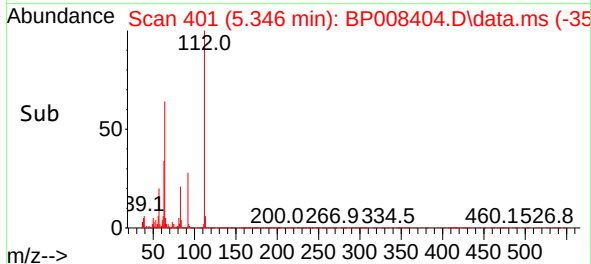
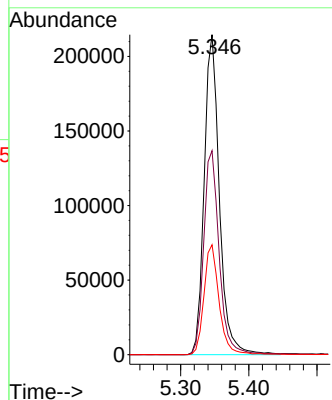
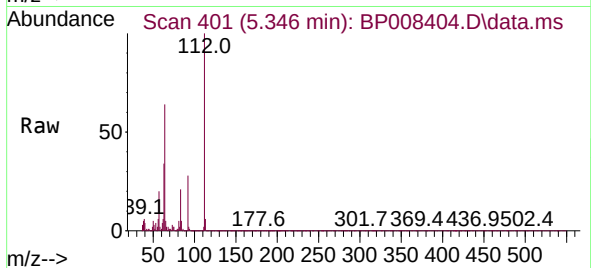




#5
2-Fluorophenol
Concen: 85.142 ng
RT: 5.346 min Scan# 401
Delta R.T. 0.000 min
Lab File: BP008404.D
Acq: 14 Dec 2021 21:21

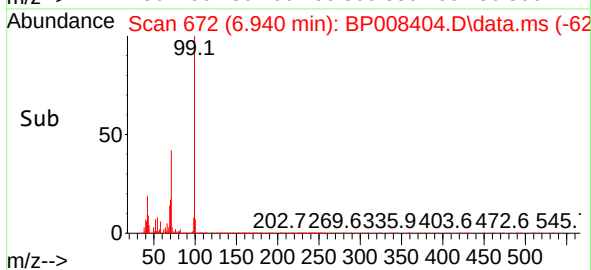
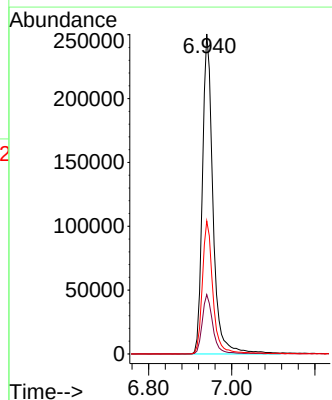
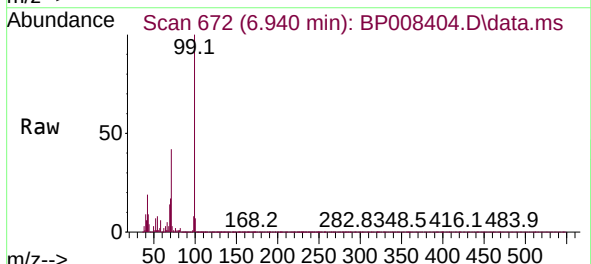
Instrument :
BNA_P
ClientSampleId :
SP1-B

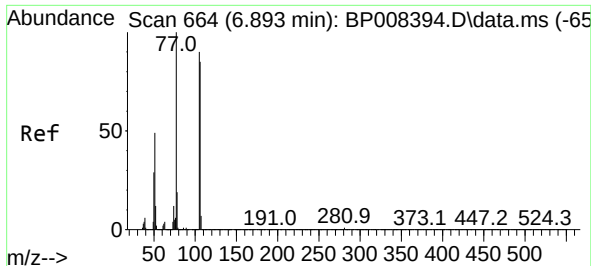
Tgt Ion:112 Resp: 332746
Ion Ratio Lower Upper
112 100
64 63.7 53.4 80.2
63 34.4 27.8 41.8



#7
Phenol-d6
Concen: 84.554 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008404.D
Acq: 14 Dec 2021 21:21

Tgt Ion: 99 Resp: 443816
Ion Ratio Lower Upper
99 100
42 18.6 14.6 22.0
71 41.5 31.1 46.7

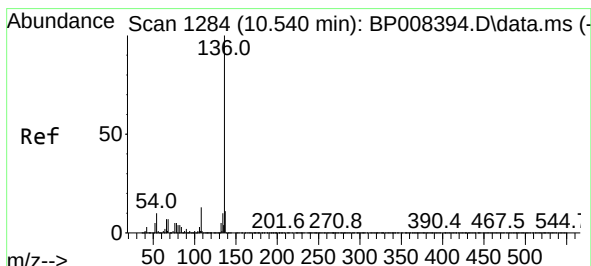
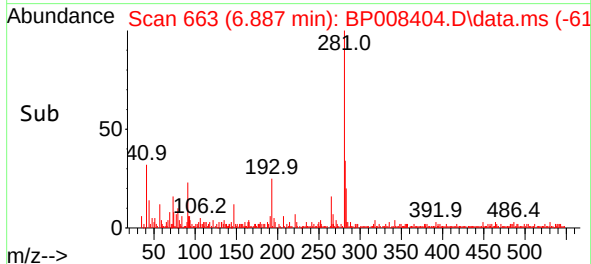
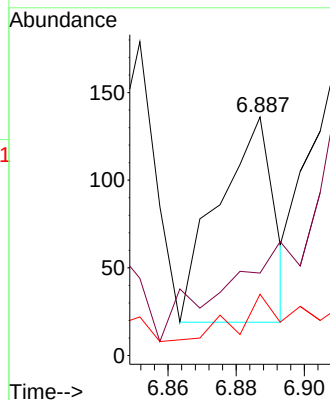
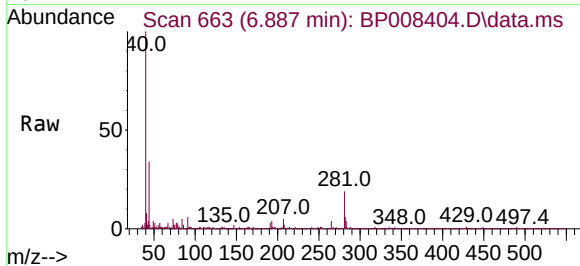




#9
Benzaldehyde
Concen: Below Cal
RT: 6.887 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008404.D
Acq: 14 Dec 2021 21:21

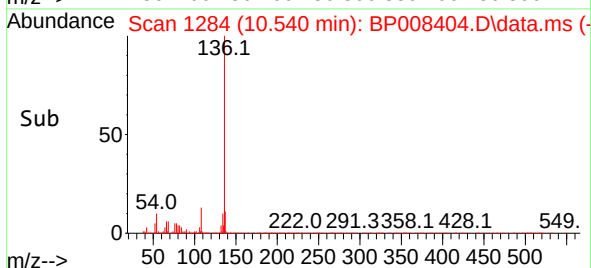
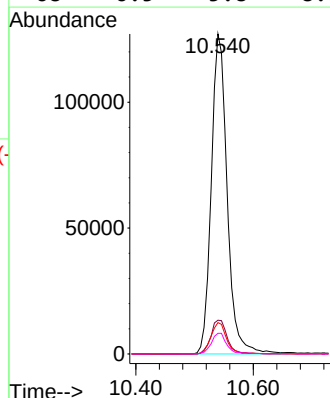
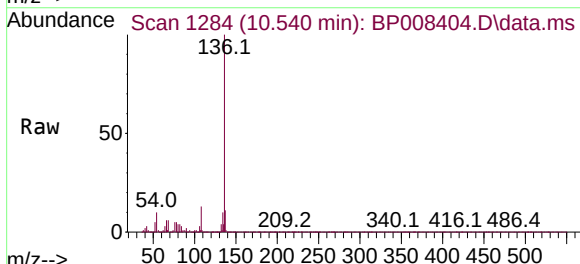
Instrument :
BNA_P
ClientSampleId :
SP1-B

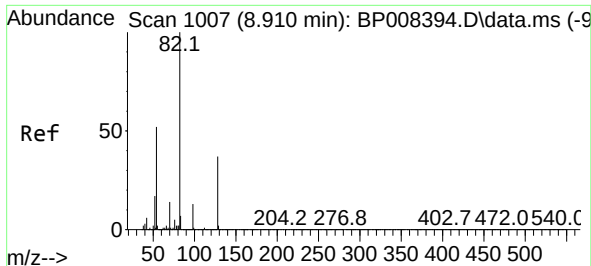
Tgt Ion: 77 Resp: 133
Ion Ratio Lower Upper
77 100
105 34.6 71.8 111.8#
106 25.7 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008404.D
Acq: 14 Dec 2021 21:21

Tgt Ion:136 Resp: 237685
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.6
54 9.8 8.2 12.4
68 6.5 5.8 8.8





#23

Nitrobenzene-d5

Concen: 52.892 ng

RT: 8.910 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BP008404.D

Acq: 14 Dec 2021 21:21

Instrument :

BNA_P

ClientSampleId :

SP1-B

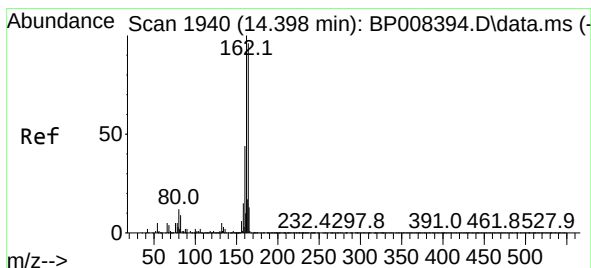
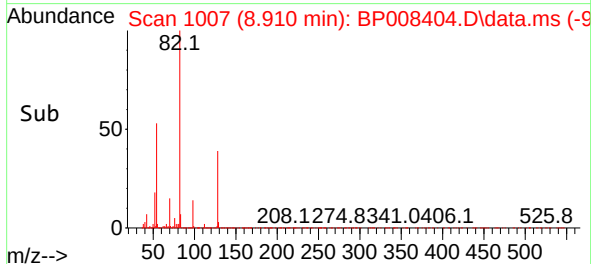
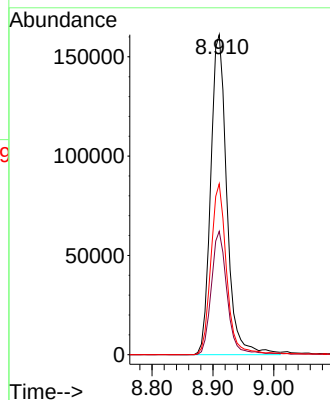
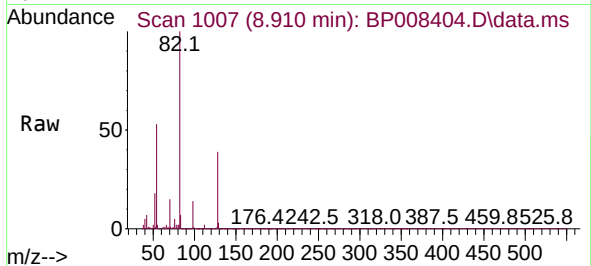
Tgt Ion: 82 Resp: 296745

Ion Ratio Lower Upper

82 100

128 38.5 29.6 44.4

54 53.4 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: BP008404.D

Acq: 14 Dec 2021 21:21

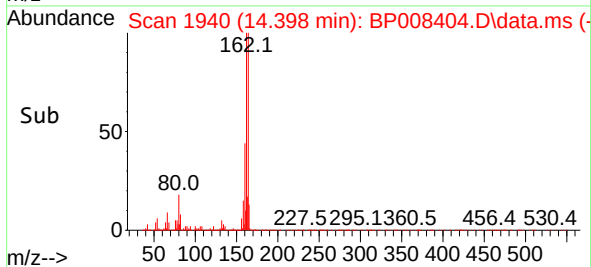
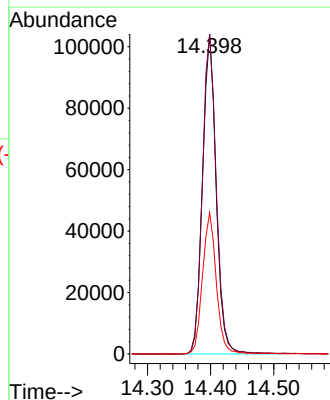
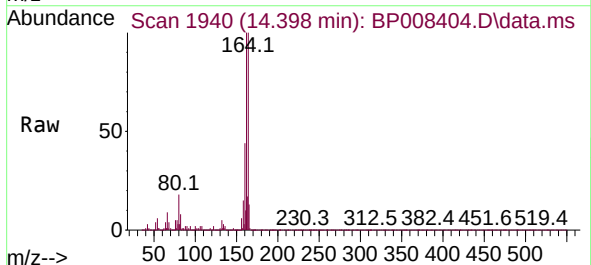
Tgt Ion: 164 Resp: 155694

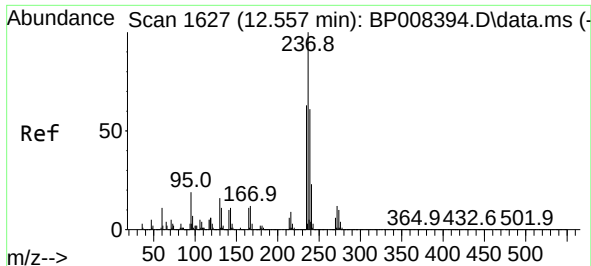
Ion Ratio Lower Upper

164 100

162 99.8 81.9 122.9

160 44.1 35.4 53.0

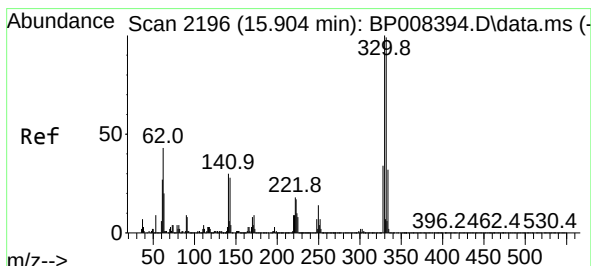
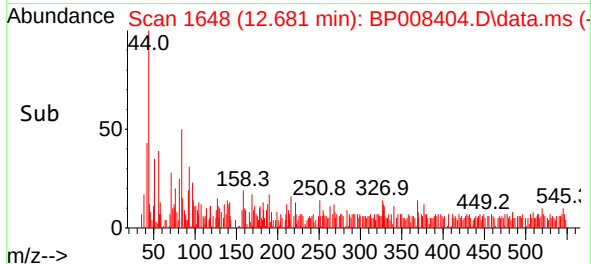
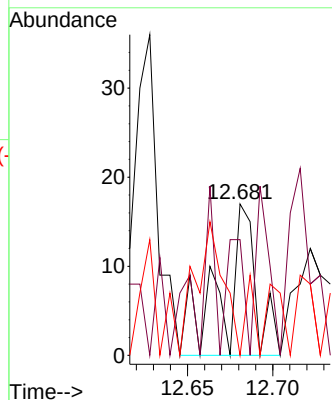
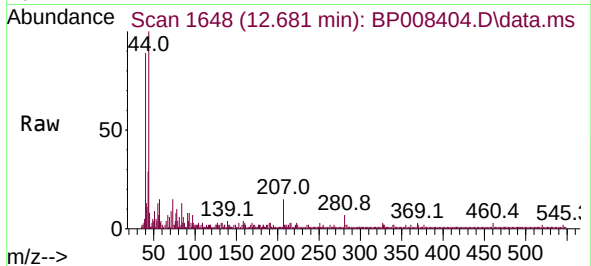




#41
Hexachlorocyclopentadiene
Concen: 8.664 ng
RT: 12.681 min Scan# 1648
Delta R.T. 0.124 min
Lab File: BP008404.D
Acq: 14 Dec 2021 21:21

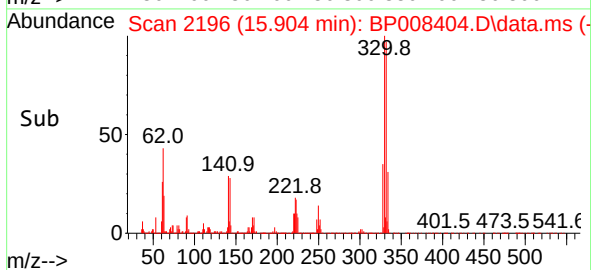
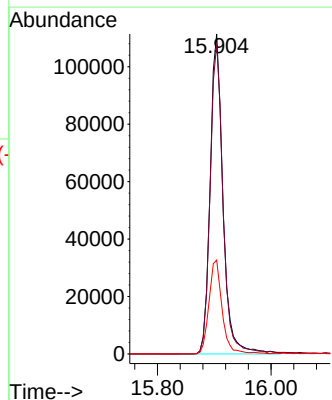
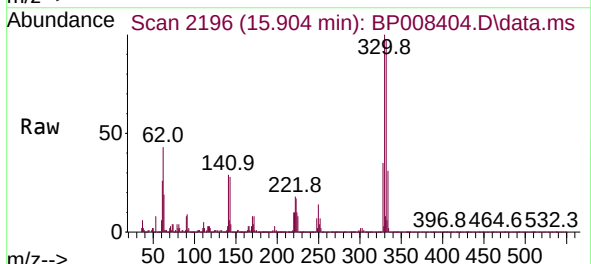
Instrument :
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SP1-B

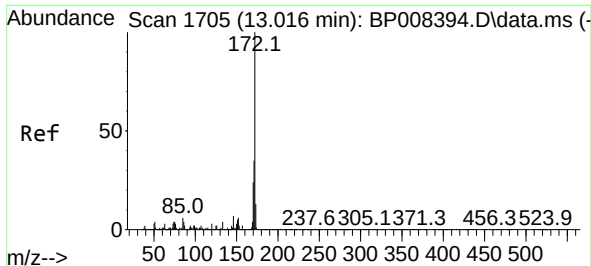
Tgt Ion:	237	Resp:	23
Ion	Ratio	Lower	Upper
237	100		
235	76.5	42.3	82.3
272	0.0	0.0	32.2



#42
2,4,6-Tribromophenol
Concen: 75.803 ng
RT: 15.904 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP008404.D
Acq: 14 Dec 2021 21:21

Tgt Ion:	330	Resp:	173440
Ion	Ratio	Lower	Upper
330	100		
332	98.4	77.0	115.4
141	30.3	28.4	42.6

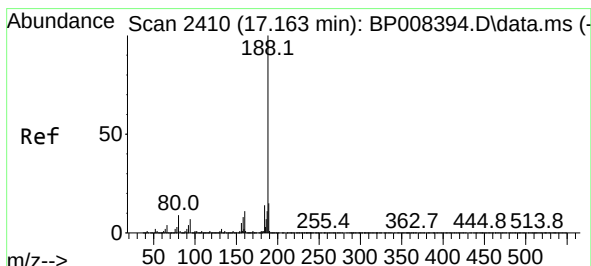
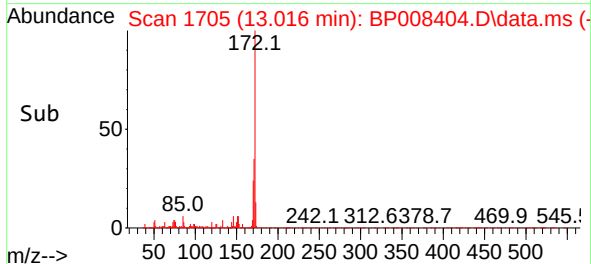
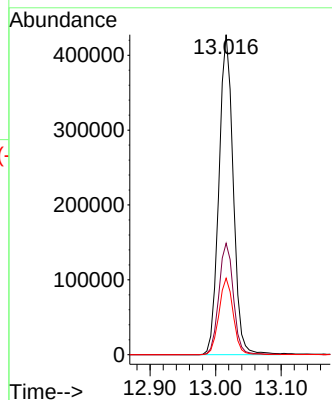
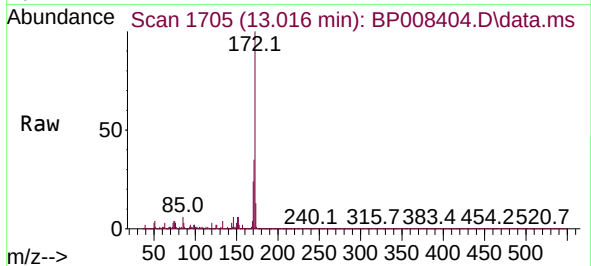




#45
2-Fluorobiphenyl
Concen: 52.557 ng
RT: 13.016 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BP008404.D
Acq: 14 Dec 2021 21:21

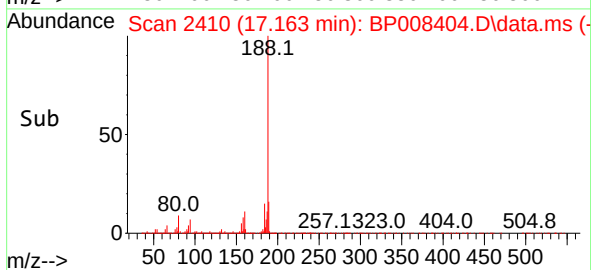
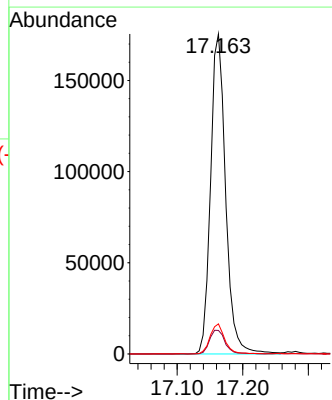
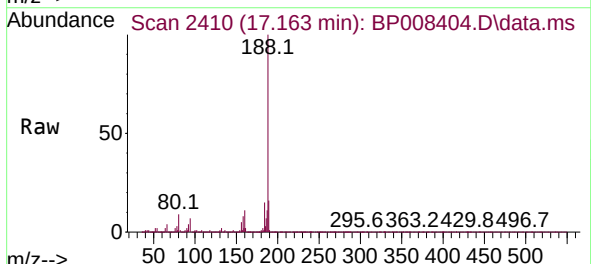
Instrument :
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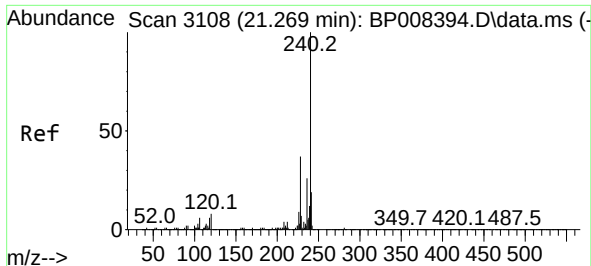
Tgt Ion:172 Resp: 643707
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.9 18.9 28.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.163 min Scan# 2410
Delta R.T. 0.000 min
Lab File: BP008404.D
Acq: 14 Dec 2021 21:21

Tgt Ion:188 Resp: 280177
Ion Ratio Lower Upper
188 100
94 7.4 7.2 10.8
80 9.4 8.2 12.4

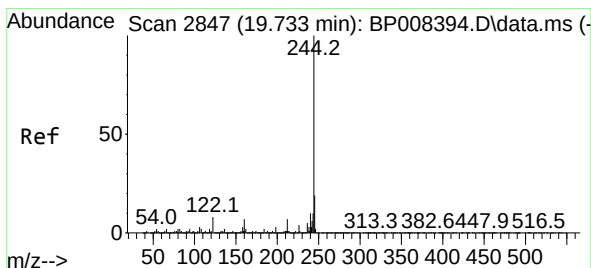
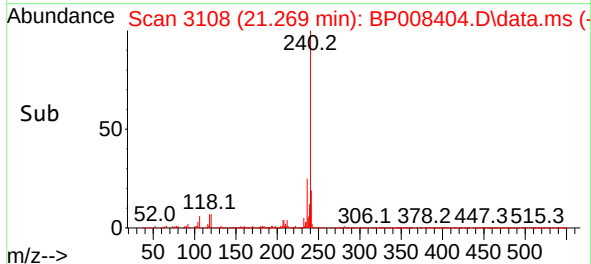
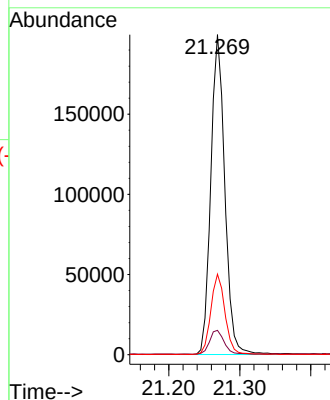
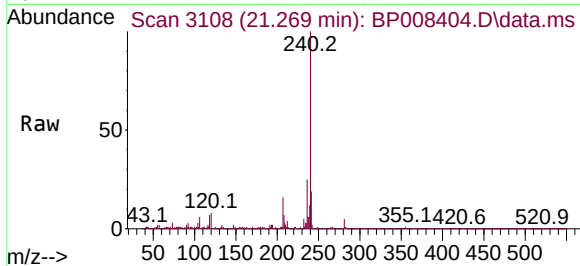




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.269 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BP008404.D
Acq: 14 Dec 2021 21:21

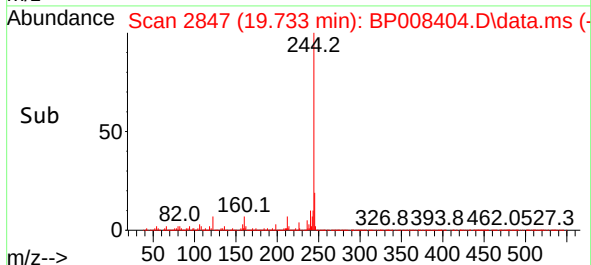
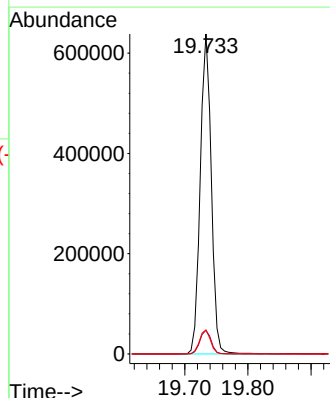
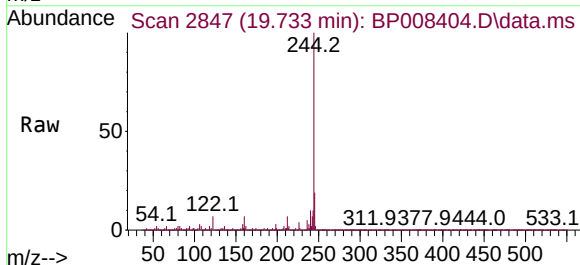
Instrument :
BNA_P
ClientSampleId :
SP1-B

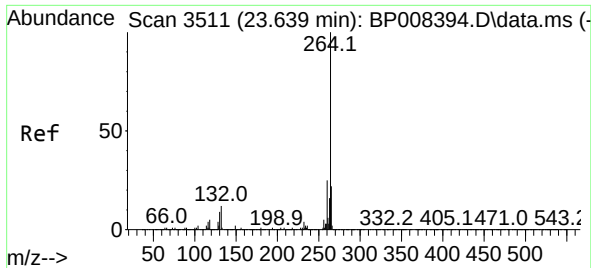
Tgt Ion:240 Resp: 273724
Ion Ratio Lower Upper
240 100
120 7.6 7.3 10.9
236 25.2 21.4 32.2



#79
Terphenyl-d14
Concen: 49.149 ng
RT: 19.733 min Scan# 2847
Delta R.T. 0.000 min
Lab File: BP008404.D
Acq: 14 Dec 2021 21:21

Tgt Ion:244 Resp: 772997
Ion Ratio Lower Upper
244 100
212 7.4 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: BP008404.D
Acq: 14 Dec 2021 21:21

Instrument :
BNA_P
ClientSampleId :
SP1-B

Tgt Ion:264 Resp: 323639

Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.2
265	23.3	17.6	26.4

