

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121521\
 Data File : BP008420.D
 Acq On : 15 Dec 2021 16:56
 Operator : CG/JU
 Sample : M5029-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PSC-124019

Quant Time: Dec 15 18:00:34 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)

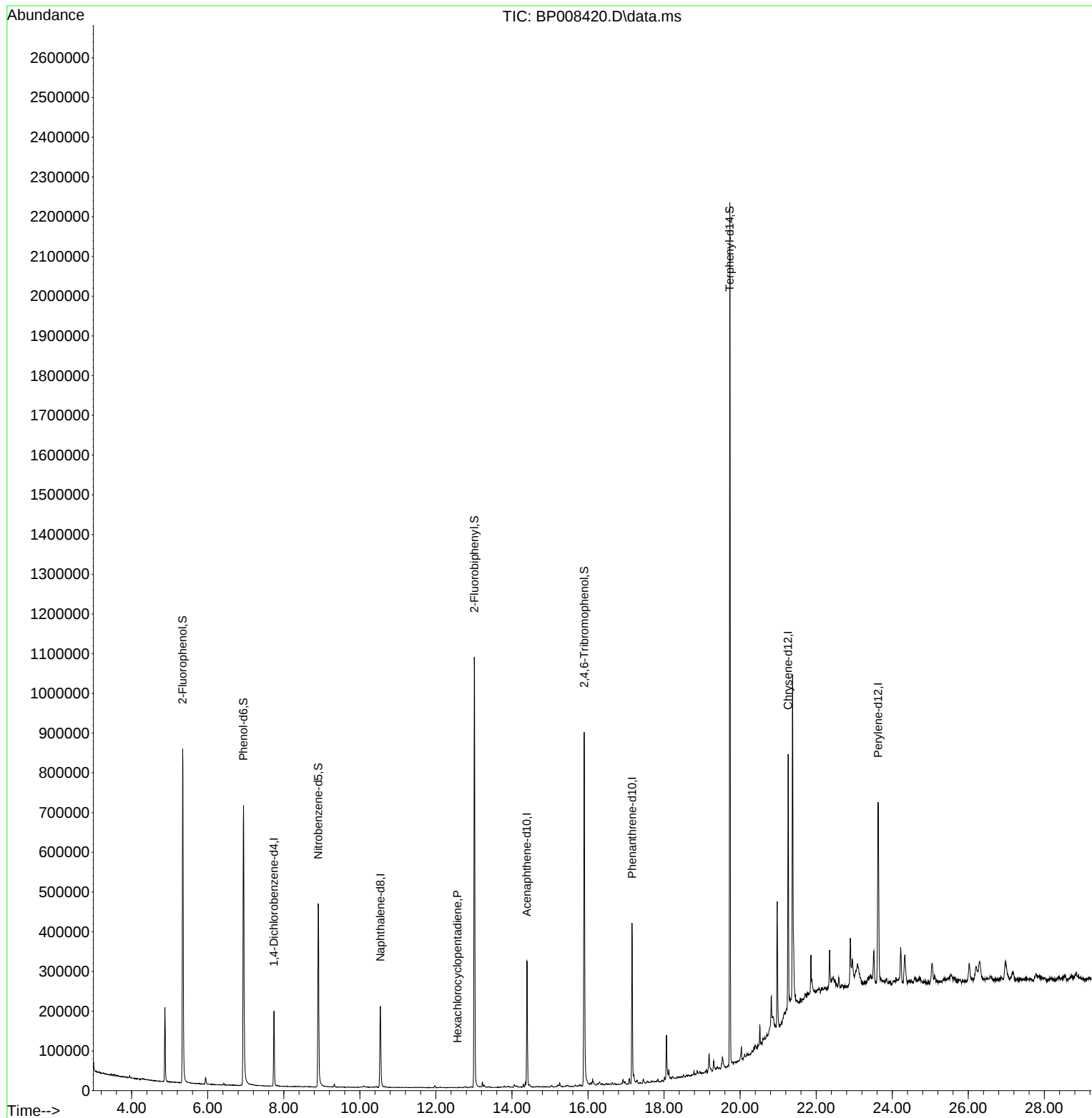
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.740	152	49622	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	177990	20.000	ng	# 0.00
39) Acenaphthene-d10	14.393	164	114807	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	247401	20.000	ng	0.00
76) Chrysene-d12	21.263	240	300170	20.000	ng	0.00
86) Perylene-d12	23.627	264	353201	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	353070	112.366	ng	0.00
7) Phenol-d6	6.940	99	435273	103.143	ng	0.00
23) Nitrobenzene-d5	8.905	82	298448	71.036	ng	0.00
42) 2,4,6-Tribromophenol	15.898	330	189600	112.377	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	568825	62.983	ng	0.00
79) Terphenyl-d14	19.728	244	1000804	58.027	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.234	88	80	Below Cal	#	1
9) Benzaldehyde	6.887	77	115	Below Cal	#	22
41) Hexachlorocyclopentadiene	12.563	237	21	8.667 ng		74

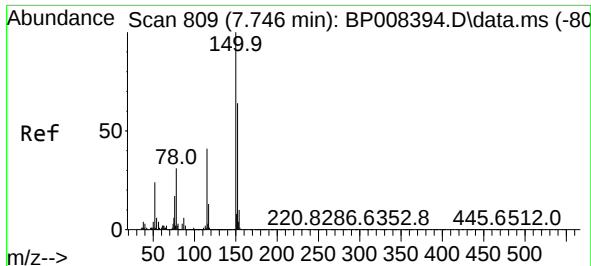
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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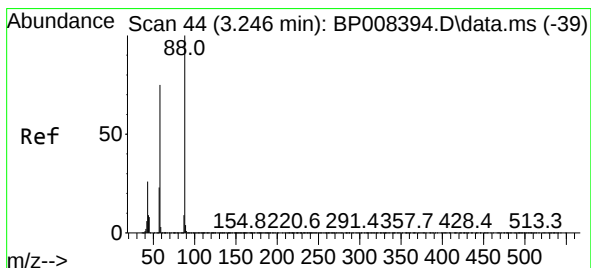
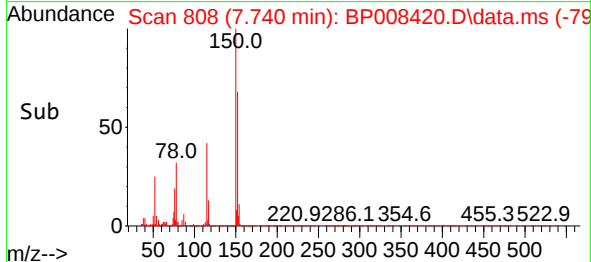
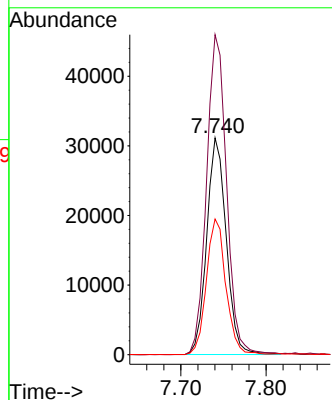
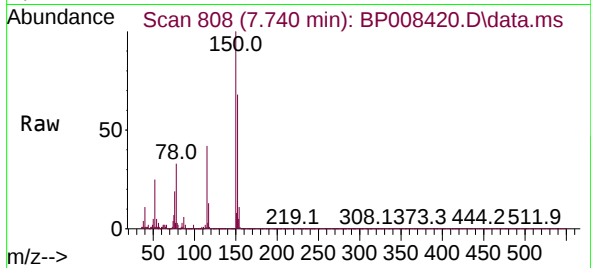




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.740 min Scan# 80
Delta R.T. -0.006 min
Lab File: BP008420.D
Acq: 15 Dec 2021 16:56

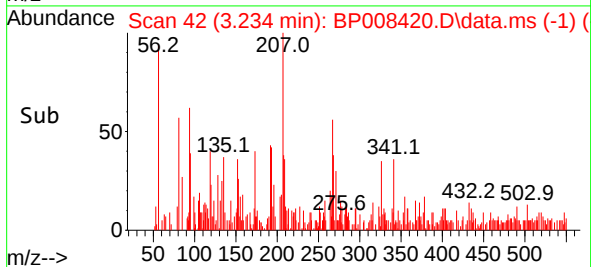
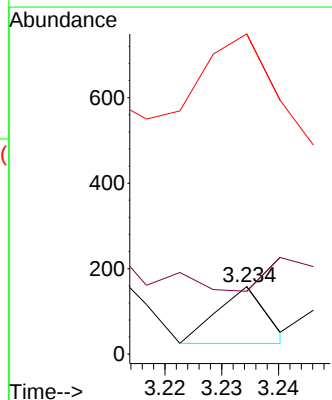
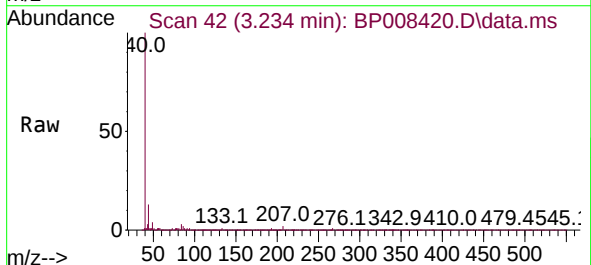
Instrument :
BNA_P
ClientSampleId :
PSC-124019

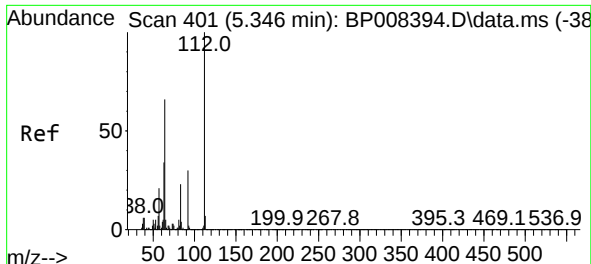
Tgt Ion:152 Resp: 49622
Ion Ratio Lower Upper
152 100
150 147.6 125.7 188.5
115 62.6 50.7 76.1



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.234 min Scan# 42
Delta R.T. -0.012 min
Lab File: BP008420.D
Acq: 15 Dec 2021 16:56

Tgt Ion: 88 Resp: 80
Ion Ratio Lower Upper
88 100
58 0.0 63.5 95.3#
43 290.0 23.4 35.2#

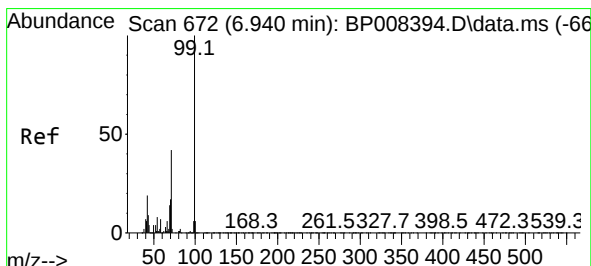
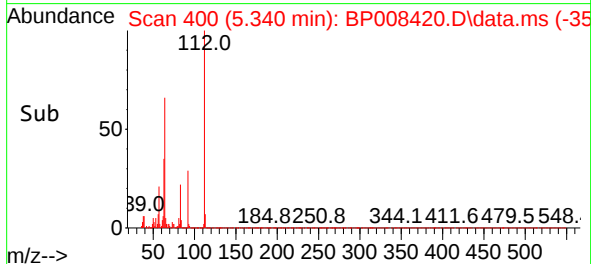
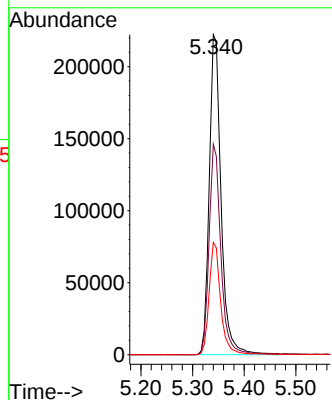
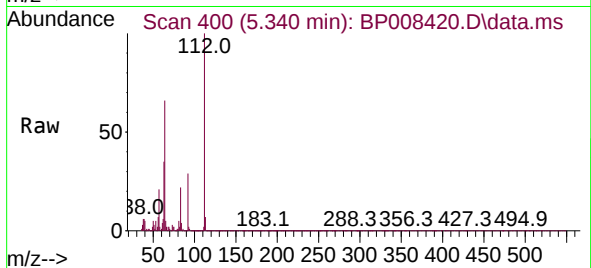




#5
2-Fluorophenol
Concen: 112.366 ng
RT: 5.340 min Scan# 401
Delta R.T. -0.006 min
Lab File: BP008420.D
Acq: 15 Dec 2021 16:56

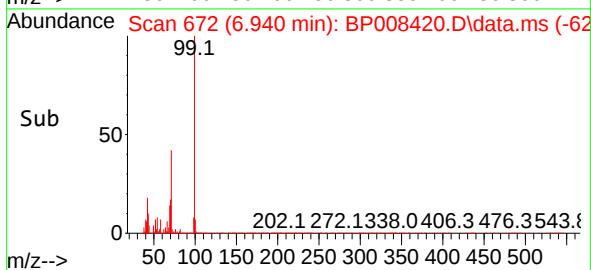
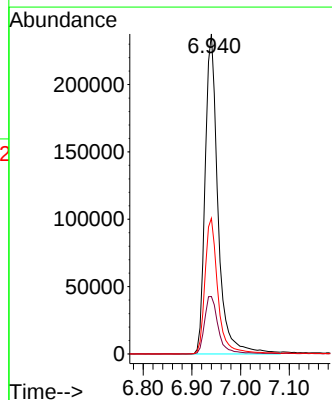
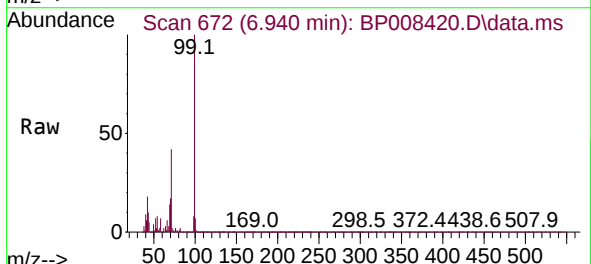
Instrument :
BNA_P
ClientSampleId :
PSC-124019

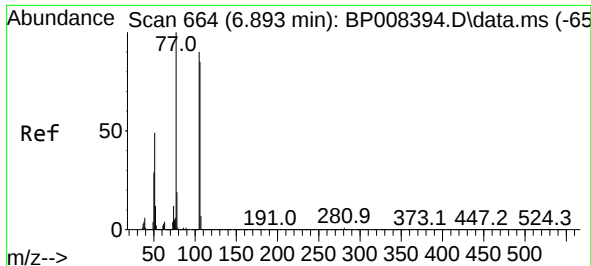
Tgt Ion:112 Resp: 353070
Ion Ratio Lower Upper
112 100
64 65.8 53.4 80.2
63 35.1 27.8 41.8



#7
Phenol-d6
Concen: 103.143 ng
RT: 6.940 min Scan# 672
Delta R.T. 0.000 min
Lab File: BP008420.D
Acq: 15 Dec 2021 16:56

Tgt Ion: 99 Resp: 435273
Ion Ratio Lower Upper
99 100
42 17.9 14.6 22.0
71 42.4 31.1 46.7

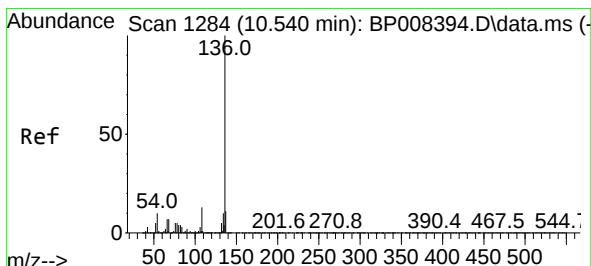
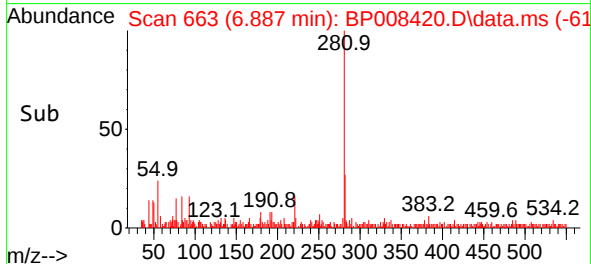
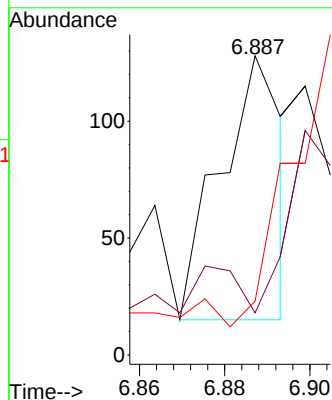
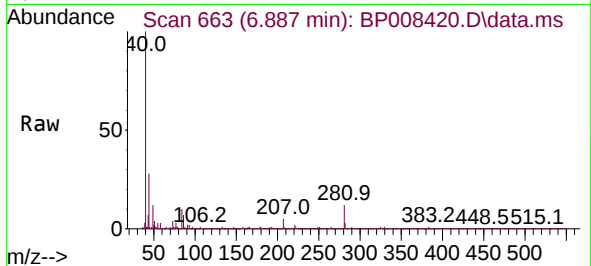




#9
Benzaldehyde
Concen: Below Cal
RT: 6.887 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008420.D
Acq: 15 Dec 2021 16:56

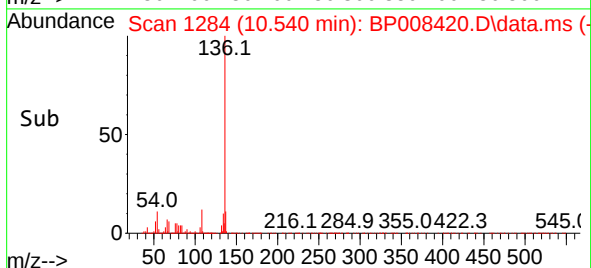
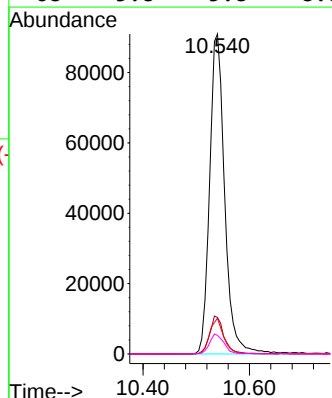
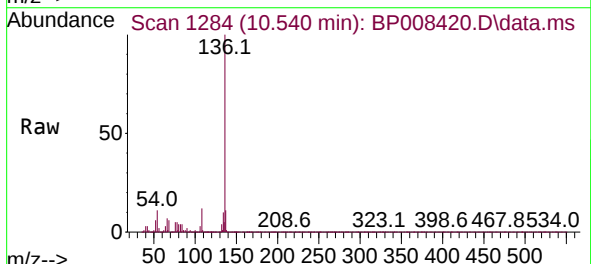
Instrument :
BNA_P
ClientSampleId :
PSC-124019

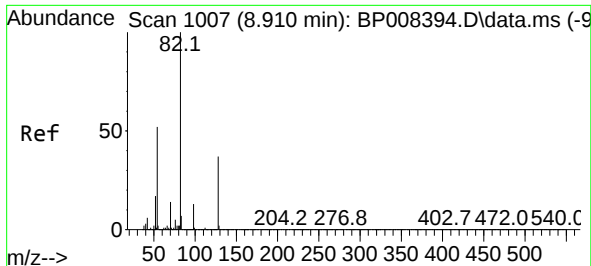
Tgt Ion: 77 Resp: 115
Ion Ratio Lower Upper
77 100
105 14.1 71.8 111.8#
106 18.0 67.3 107.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BP008420.D
Acq: 15 Dec 2021 16:56

Tgt Ion: 136 Resp: 177990
Ion Ratio Lower Upper
136 100
137 11.4 9.0 13.6
54 11.1 8.2 12.4
68 5.8 5.8 8.8#

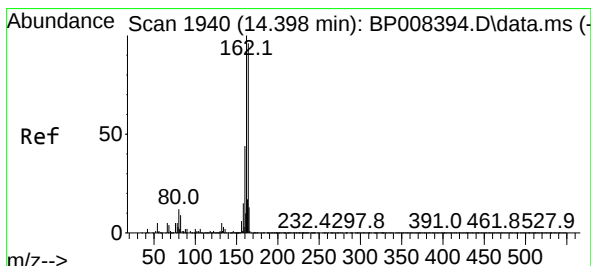
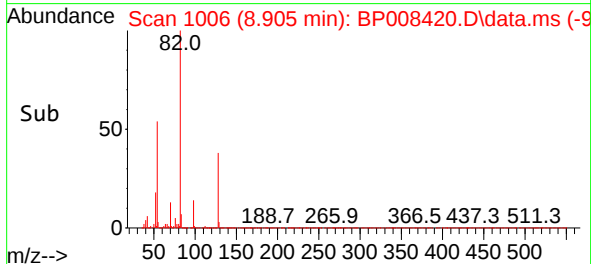
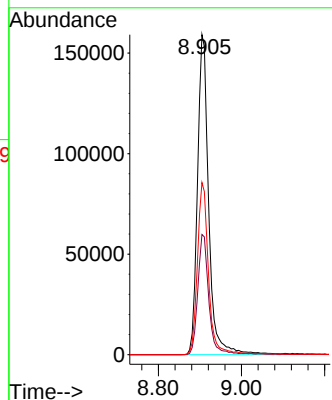
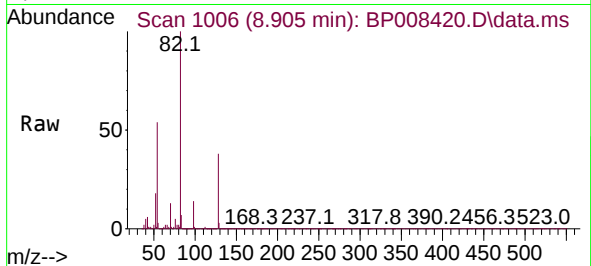




#23
Nitrobenzene-d5
Concen: 71.036 ng
RT: 8.905 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP008420.D
Acq: 15 Dec 2021 16:56

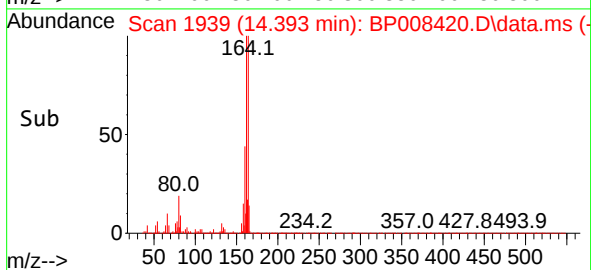
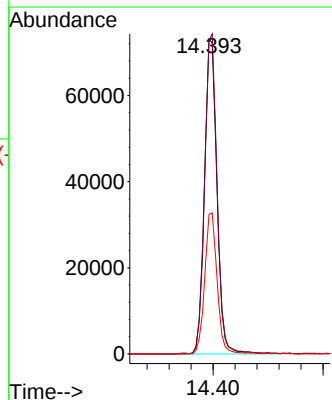
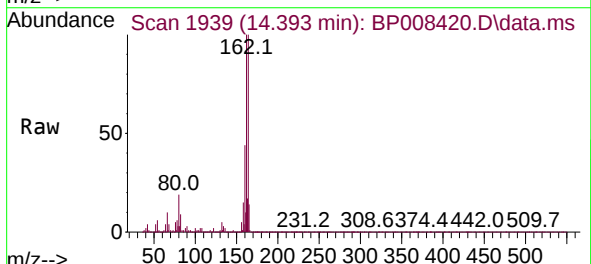
Instrument :
BNA_P
ClientSampleId :
PSC-124019

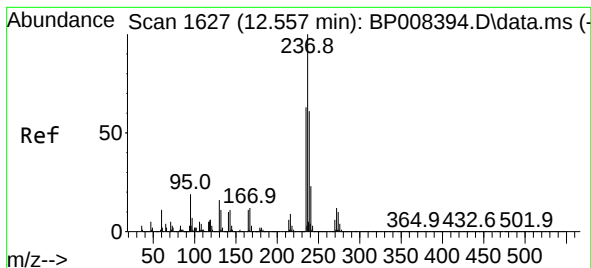
Tgt Ion: 82 Resp: 298448
Ion Ratio Lower Upper
82 100
128 37.6 29.6 44.4
54 53.8 42.7 64.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.393 min Scan# 1939
Delta R.T. -0.005 min
Lab File: BP008420.D
Acq: 15 Dec 2021 16:56

Tgt Ion:164 Resp: 114807
Ion Ratio Lower Upper
164 100
162 99.6 81.9 122.9
160 44.3 35.4 53.0





#41

Hexachlorocyclopentadiene

Concen: 8.667 ng

RT: 12.563 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP008420.D

Acq: 15 Dec 2021 16:56

Instrument :

BNA_P

ClientSampleId :

PSC-124019

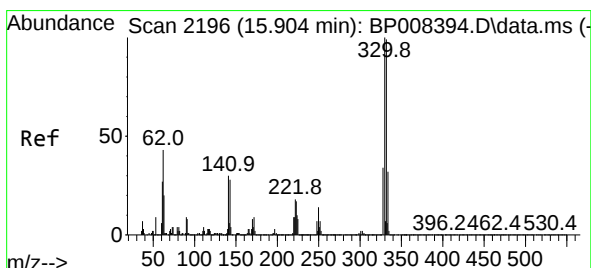
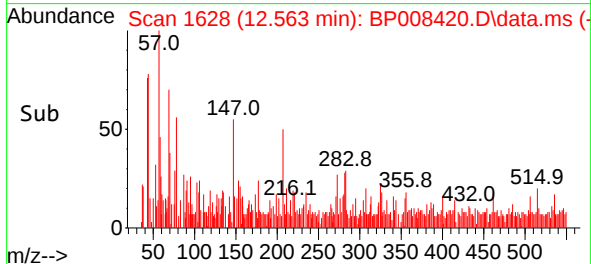
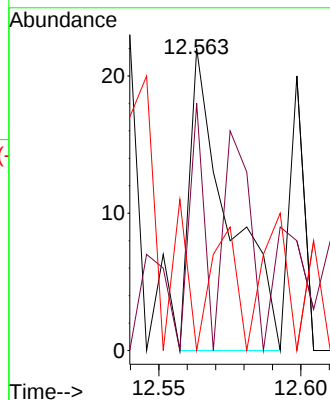
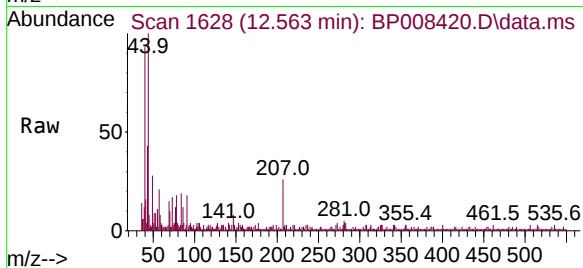
Tgt Ion:237 Resp: 21

Ion Ratio Lower Upper

237 100

235 81.8 42.3 82.3

272 0.0 0.0 32.2



#42

2,4,6-Tribromophenol

Concen: 112.377 ng

RT: 15.898 min Scan# 2195

Delta R.T. -0.006 min

Lab File: BP008420.D

Acq: 15 Dec 2021 16:56

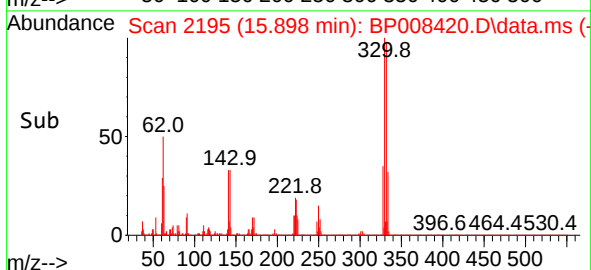
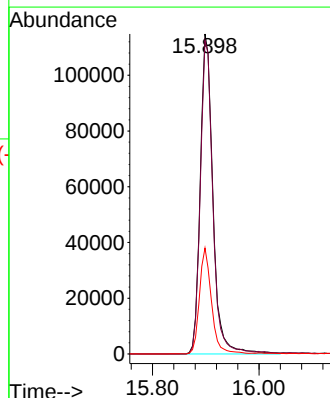
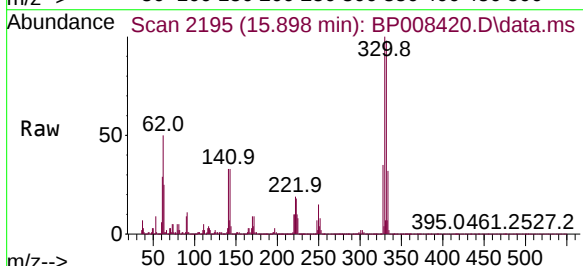
Tgt Ion:330 Resp: 189600

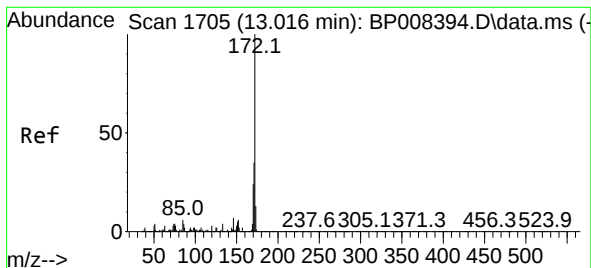
Ion Ratio Lower Upper

330 100

332 96.2 77.0 115.4

141 31.4 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 62.983 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP008420.D

Acq: 15 Dec 2021 16:56

Instrument :

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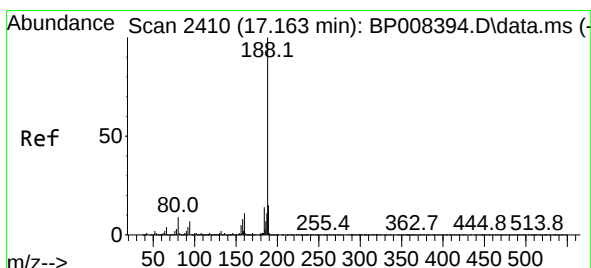
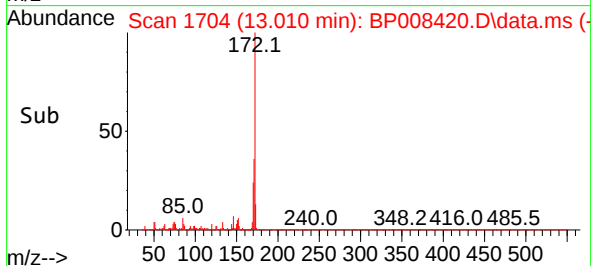
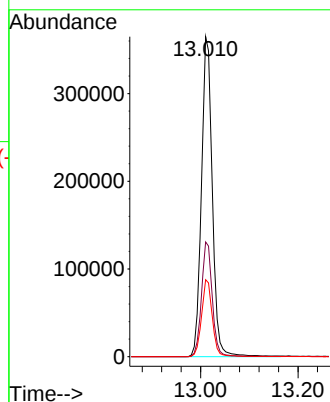
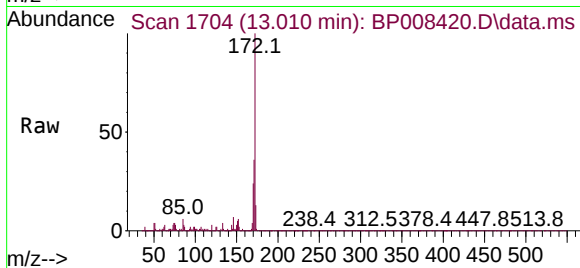
Tgt Ion:172 Resp: 568825

Ion Ratio Lower Upper

172 100

171 35.9 28.0 42.0

170 24.1 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: BP008420.D

Acq: 15 Dec 2021 16:56

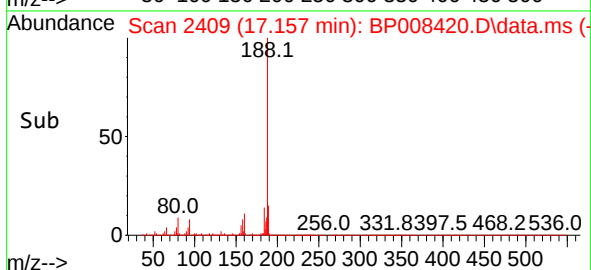
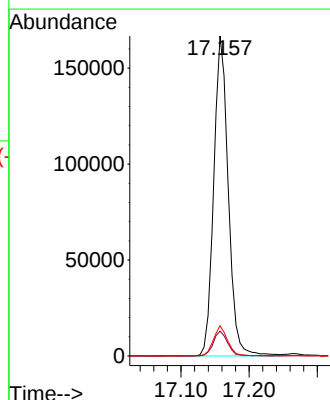
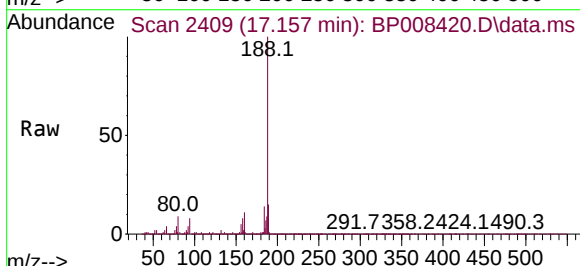
Tgt Ion:188 Resp: 247401

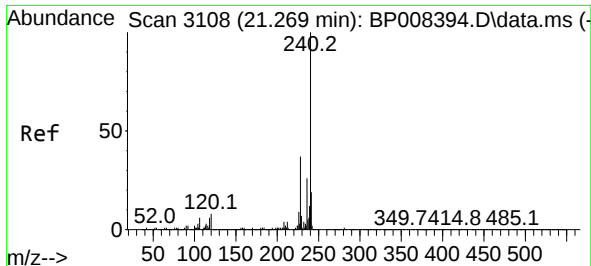
Ion Ratio Lower Upper

188 100

94 7.7 7.2 10.8

80 9.5 8.2 12.4

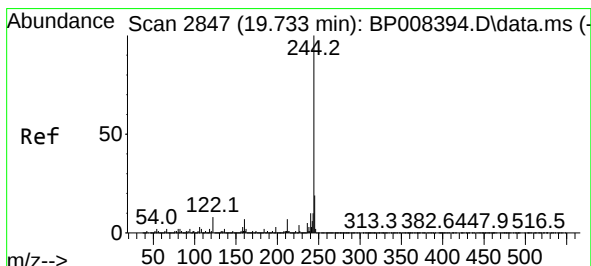
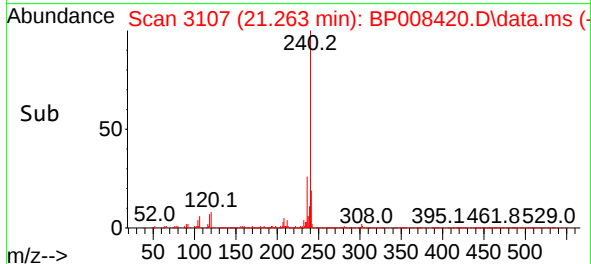
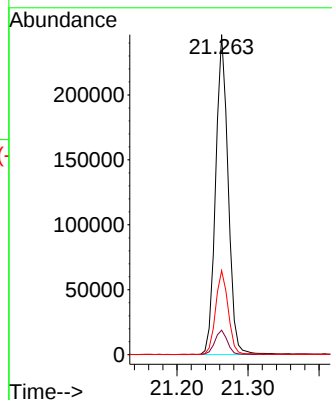
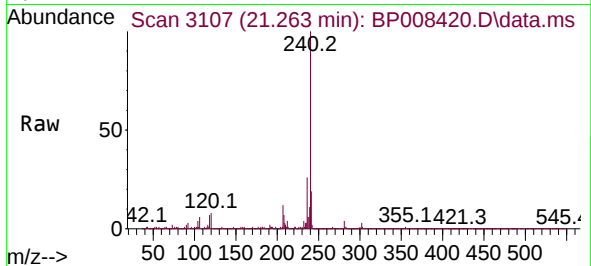




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.263 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BP008420.D
Acq: 15 Dec 2021 16:56

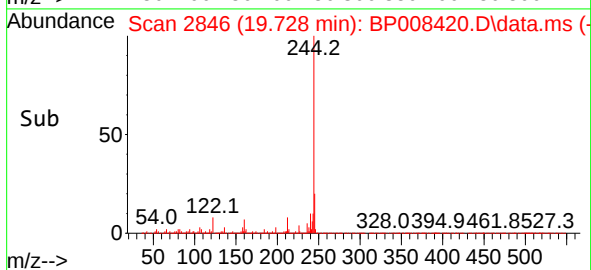
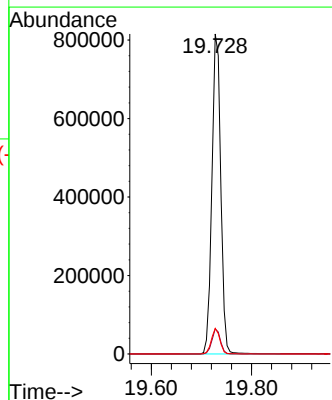
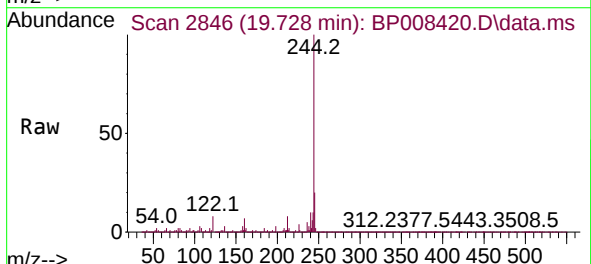
Instrument :
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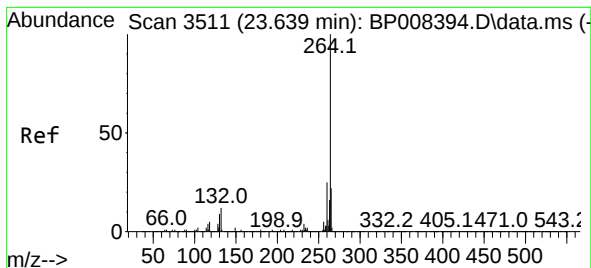
Tgt Ion:240 Resp: 300170
Ion Ratio Lower Upper
240 100
120 7.7 7.3 10.9
236 26.2 21.4 32.2



#79
Terphenyl-d14
Concen: 58.027 ng
RT: 19.728 min Scan# 2846
Delta R.T. -0.006 min
Lab File: BP008420.D
Acq: 15 Dec 2021 16:56

Tgt Ion:244 Resp: 1000804
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 8.0 6.6 9.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.627 min Scan# 3509

Delta R.T. -0.012 min

Lab File: BP008420.D

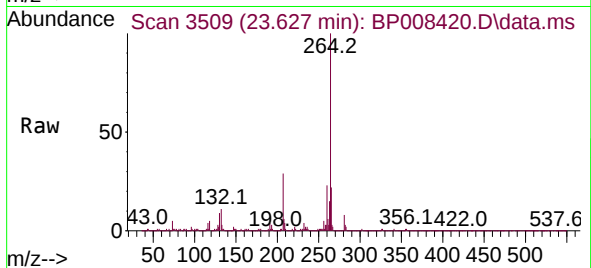
Acq: 15 Dec 2021 16:56

Instrument :

BNA_P

ClientSampleId :

PSC-124019



Tgt Ion:264 Resp: 353201

Ion Ratio Lower Upper

264 100

260 23.5 19.4 29.2

265 22.0 17.6 26.4

