

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020922\
 Data File : BP009076.D
 Acq On : 09 Feb 2022 14:09
 Operator : CG/JU
 Sample : N1411-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 282-284

Quant Time: Feb 09 14:48:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 07 15:13:17 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

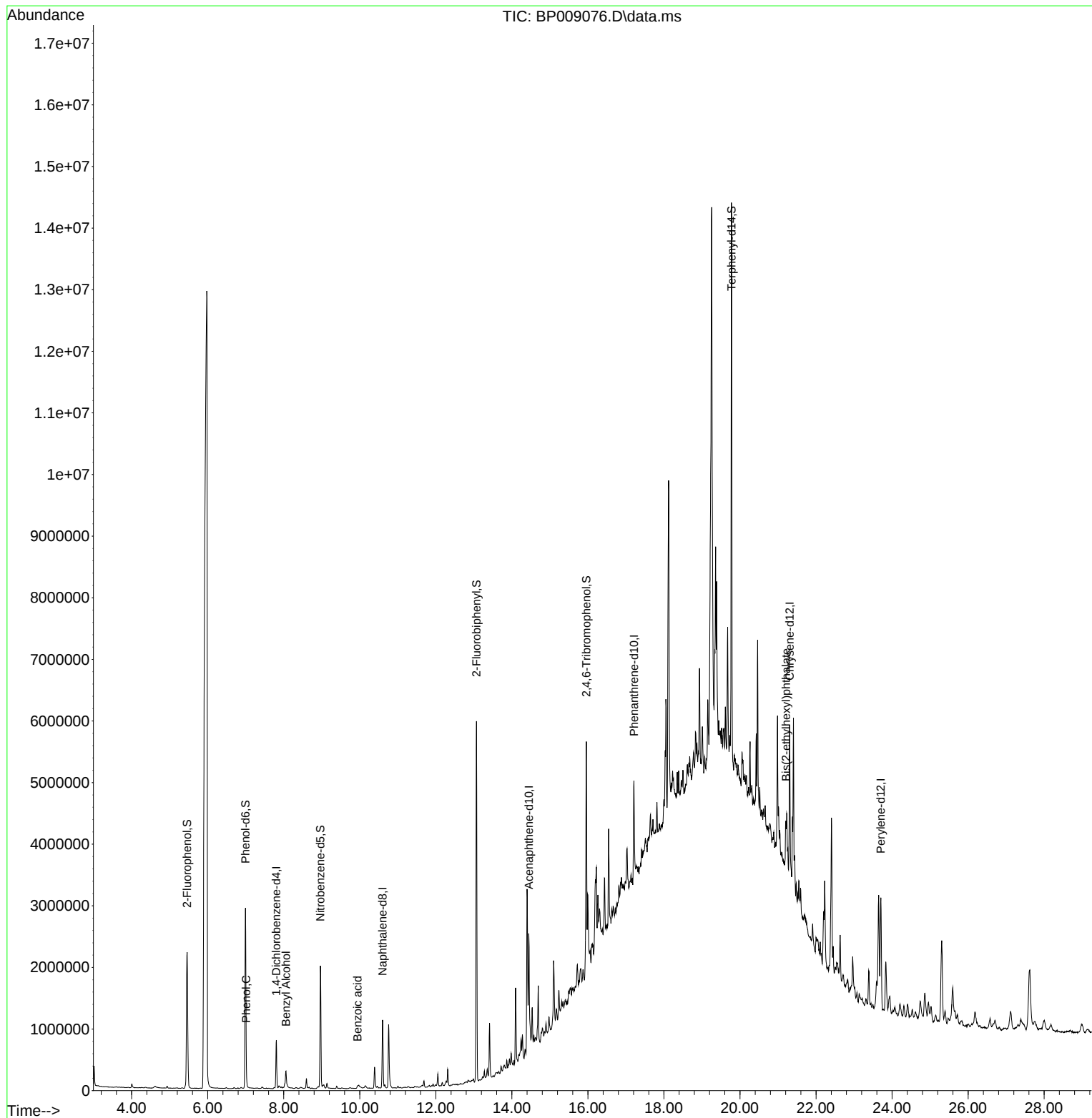
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	235274	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	992869	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	628079	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1254716	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1299435	20.000	ng	0.00
86) Perylene-d12	23.704	264	1152992	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1558935	118.196	ng	0.06
7) Phenol-d6	6.993	99	1892573	108.898	ng	0.00
23) Nitrobenzene-d5	8.963	82	1203968	68.384	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1028065	122.593	ng	0.01
45) 2-Fluorobiphenyl	13.069	172	3329551	74.211	ng	0.00
79) Terphenyl-d14	19.775	244	5051762	69.913	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.016	94	38530	2.205	ng	# 62
15) Benzyl Alcohol	8.058	79	130362	11.783	ng	95
32) Benzoic acid	9.940	122	35109	6.453	ng	94
84) Bis(2-ethylhexyl)phtha...	21.210	149	207906	4.945	ng	100

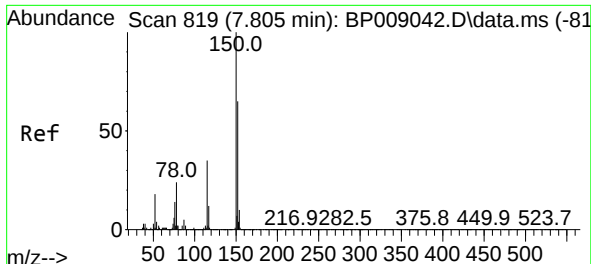
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 07 15:13:17 2022
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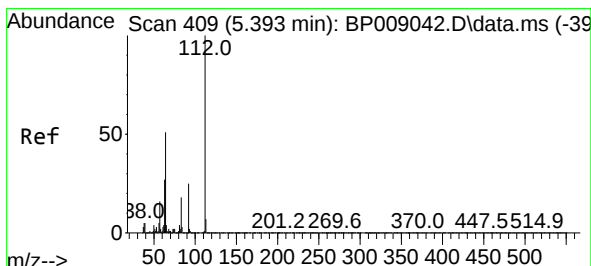
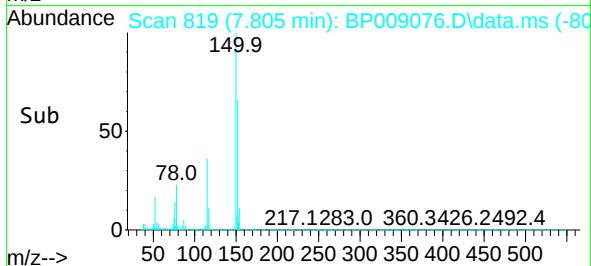
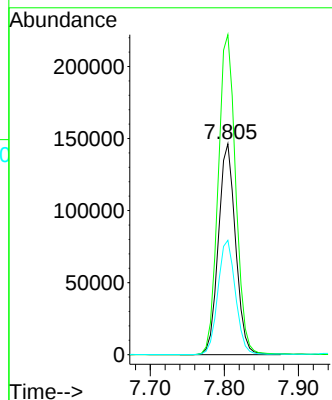
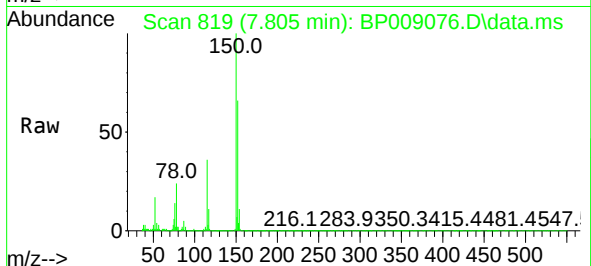




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.000 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

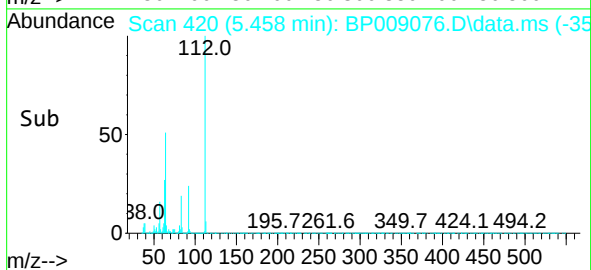
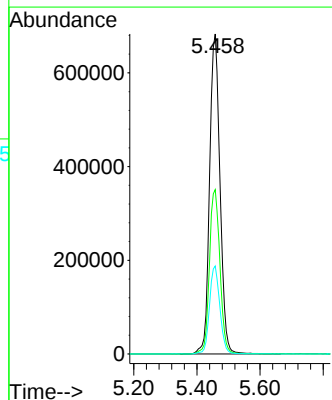
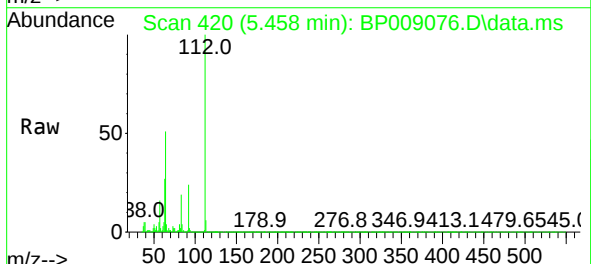
Instrument :
BNA_P
ClientSampleId :
282-284

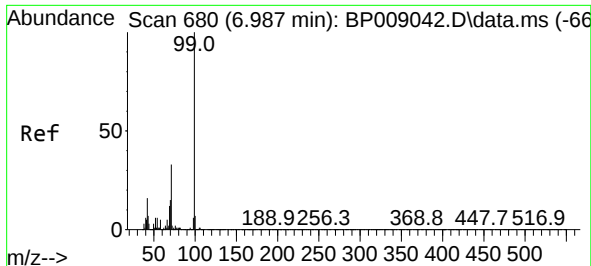
Tgt Ion:152 Resp: 235274
Ion Ratio Lower Upper
152 100
150 151.8 127.0 190.6
115 54.3 43.7 65.5



#5
2-Fluorophenol
Concen: 118.196 ng
RT: 5.458 min Scan# 420
Delta R.T. 0.065 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

Tgt Ion:112 Resp: 1558935
Ion Ratio Lower Upper
112 100
64 51.4 39.7 59.5
63 27.5 20.0 30.0



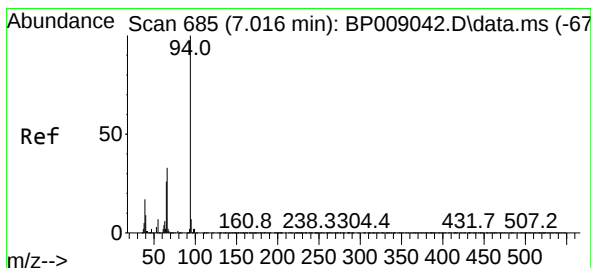
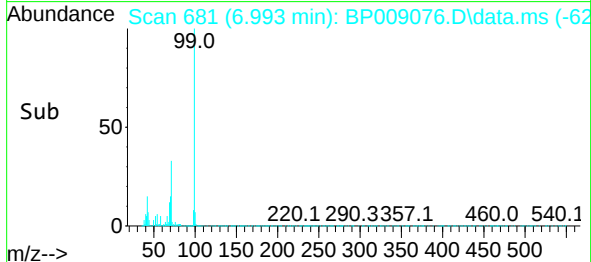
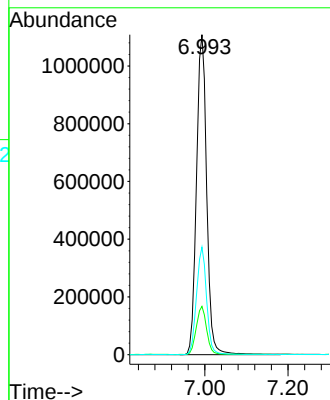
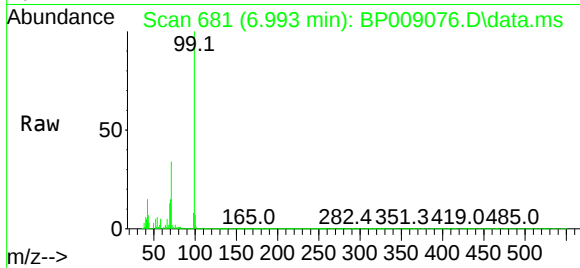


#7
Phenol-d6
Concen: 108.898 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

Instrument :
BNA_P
ClientSampleId :
282-284

Tgt Ion: 99 Resp: 1892573

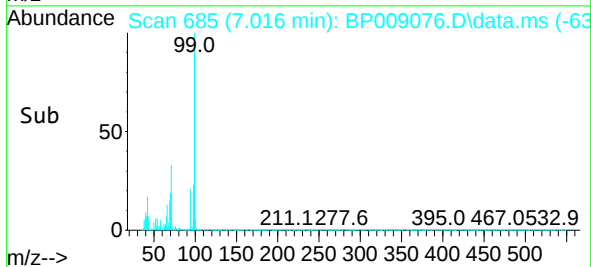
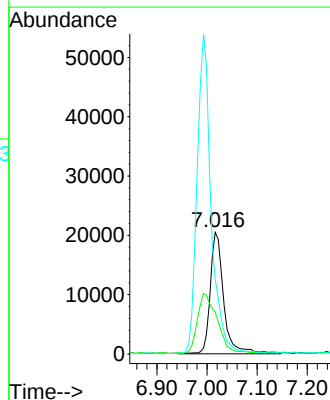
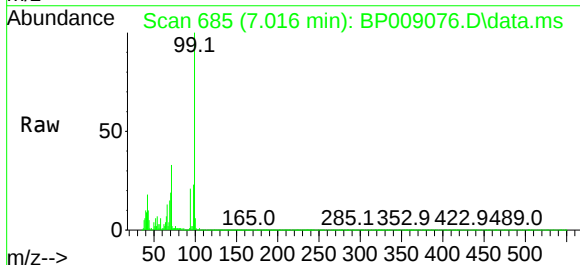
Ion	Ratio	Lower	Upper
99	100		
42	15.1	10.8	16.2
71	33.6	23.8	35.6

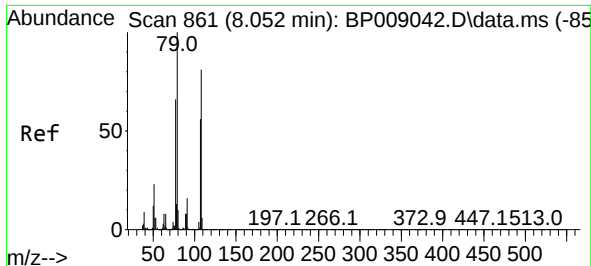


#10
Phenol
Concen: 2.205 ng
RT: 7.016 min Scan# 685
Delta R.T. 0.000 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

Tgt Ion: 94 Resp: 38530

Ion	Ratio	Lower	Upper
94	100		
65	34.5	4.1	44.1
66	61.0	12.4	52.4

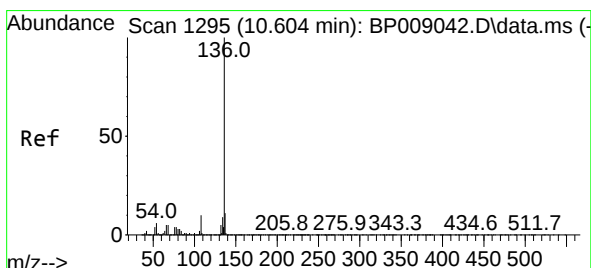
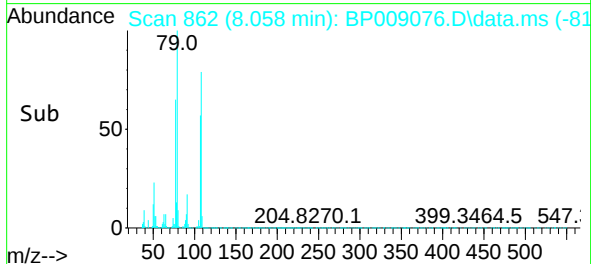
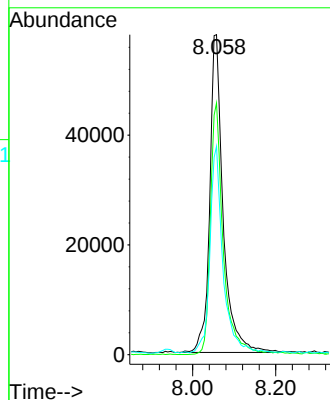
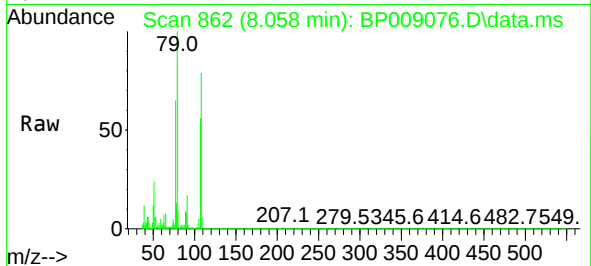




#15
Benzyl Alcohol
Concen: 11.783 ng
RT: 8.058 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

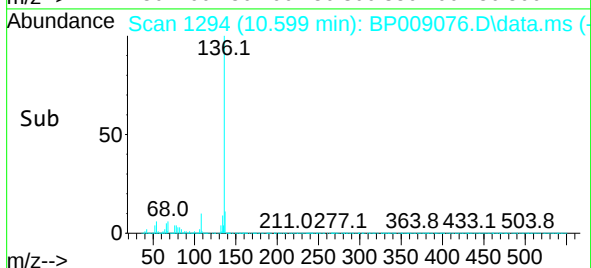
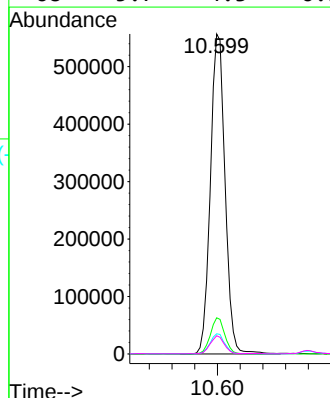
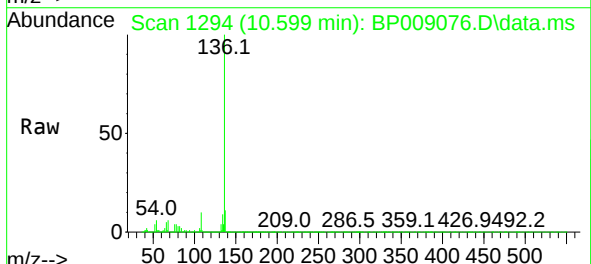
Instrument :
BNA_P
ClientSampleId :
282-284

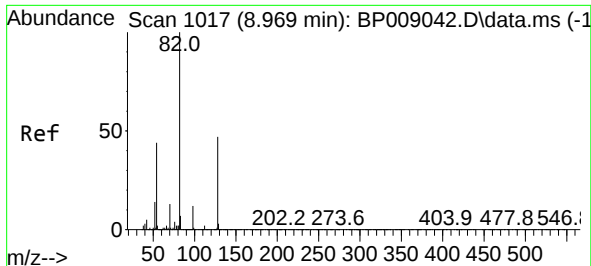
Tgt Ion: 79 Resp: 130362
Ion Ratio Lower Upper
79 100
108 78.7 67.8 101.8
77 65.1 50.7 76.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.005 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

Tgt Ion: 136 Resp: 992869
Ion Ratio Lower Upper
136 100
137 11.3 9.0 13.4
54 6.3 4.9 7.3
68 5.7 4.3 6.5





#23

Nitrobenzene-d5

Concen: 68.384 ng

RT: 8.963 min Scan# 110

Delta R.T. -0.006 min

Lab File: BP009076.D

Acq: 09 Feb 2022 14:09

Instrument :

BNA_P

ClientSampleId :

282-284

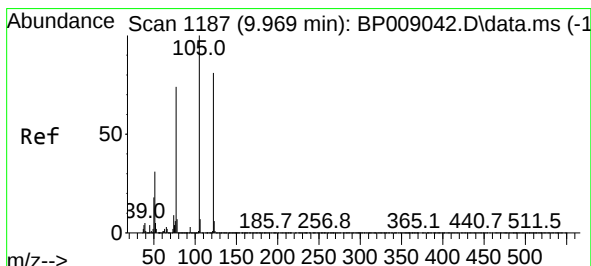
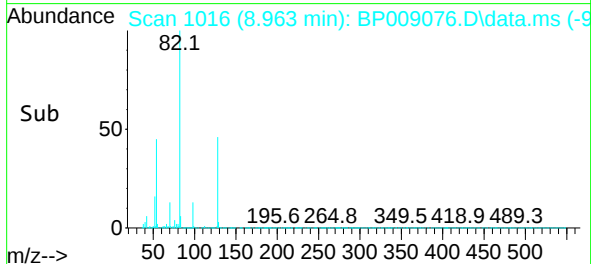
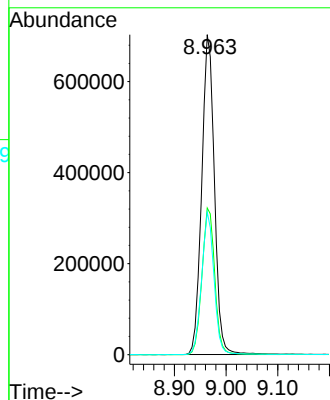
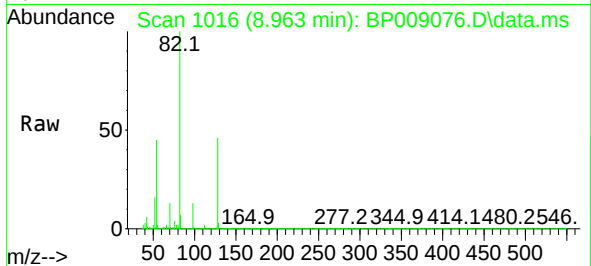
Tgt Ion: 82 Resp: 1203968

Ion Ratio Lower Upper

82 100

128 45.8 39.4 59.2

54 44.6 32.6 48.8



#32

Benzoic acid

Concen: 6.453 ng

RT: 9.940 min Scan# 1182

Delta R.T. -0.029 min

Lab File: BP009076.D

Acq: 09 Feb 2022 14:09

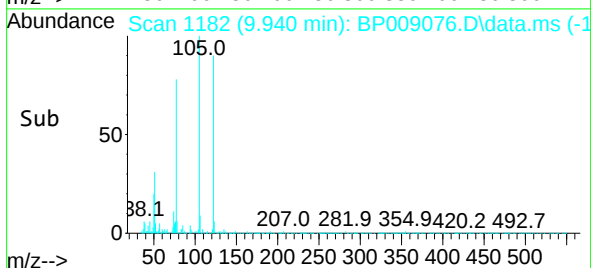
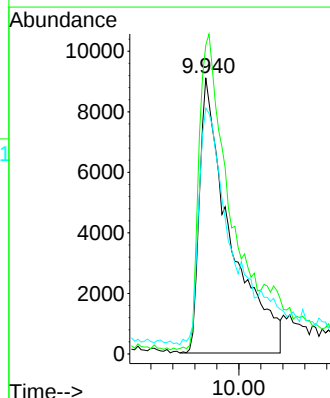
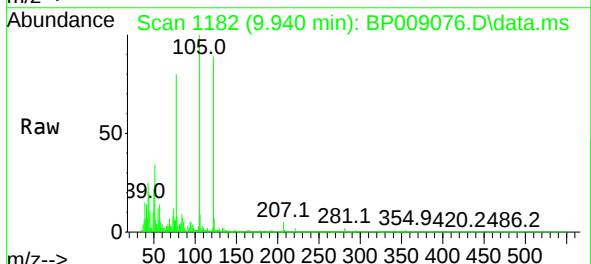
Tgt Ion: 122 Resp: 35109

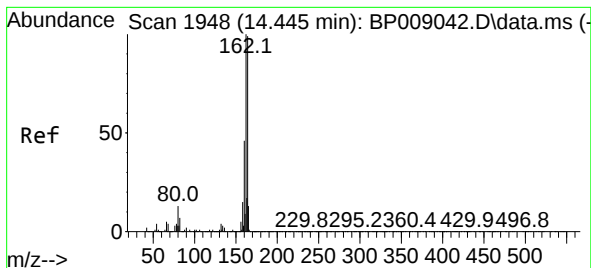
Ion Ratio Lower Upper

122 100

105 111.9 100.1 140.1

77 89.0 65.5 105.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.445 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BP009076.D

Acq: 09 Feb 2022 14:09

Instrument :

BNA_P

ClientSampleId :

282-284

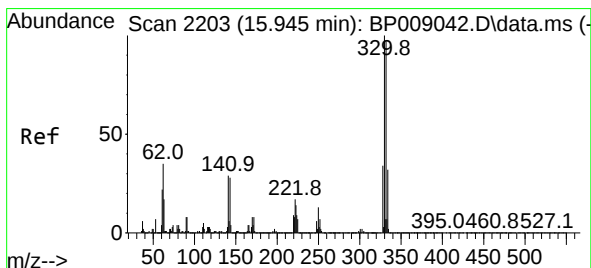
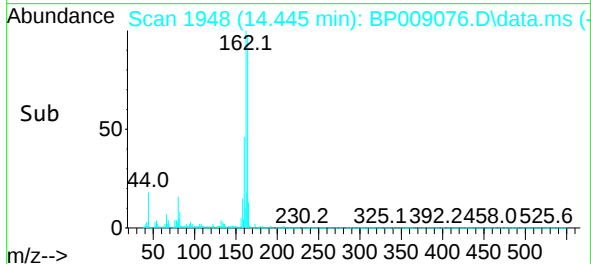
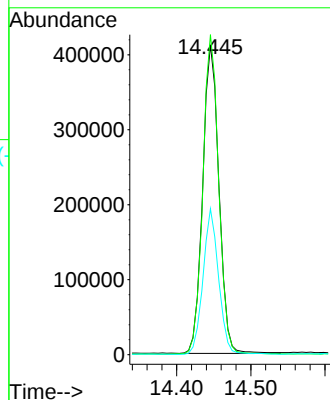
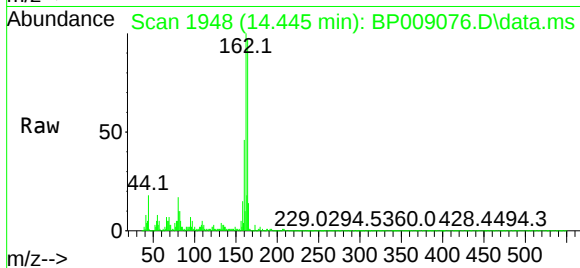
Tgt Ion:164 Resp: 628079

Ion Ratio Lower Upper

164 100

162 103.3 79.9 119.9

160 47.1 35.5 53.3



#42

2,4,6-Tribromophenol

Concen: 122.593 ng

RT: 15.957 min Scan# 2205

Delta R.T. 0.012 min

Lab File: BP009076.D

Acq: 09 Feb 2022 14:09

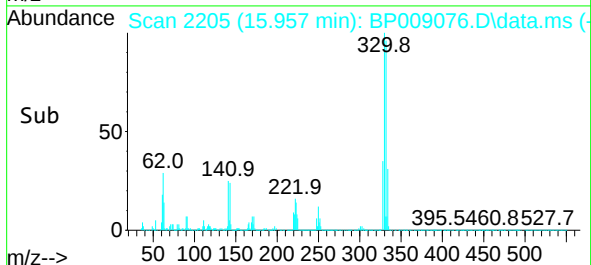
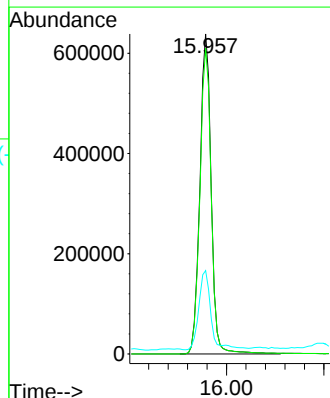
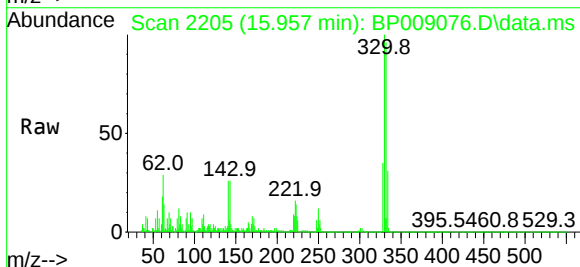
Tgt Ion:330 Resp: 1028065

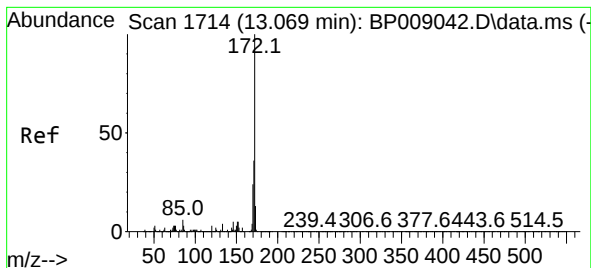
Ion Ratio Lower Upper

330 100

332 96.0 77.0 115.4

141 26.8 21.3 31.9





#45

2-Fluorobiphenyl

Concen: 74.211 ng

RT: 13.069 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP009076.D

Acq: 09 Feb 2022 14:09

Instrument :

BNA_P

ClientSampleId :

282-284

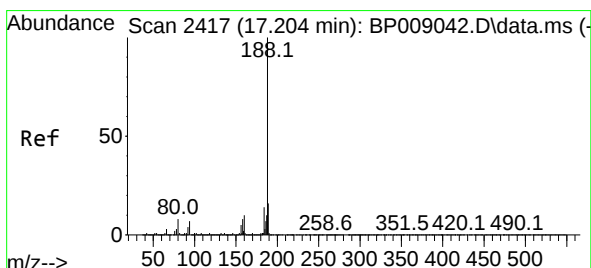
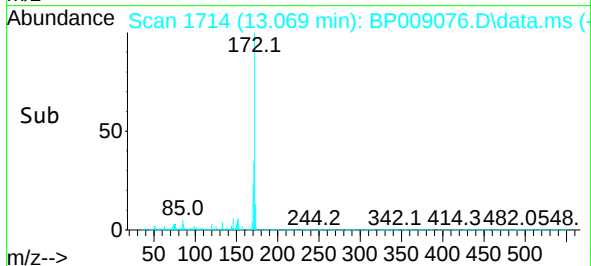
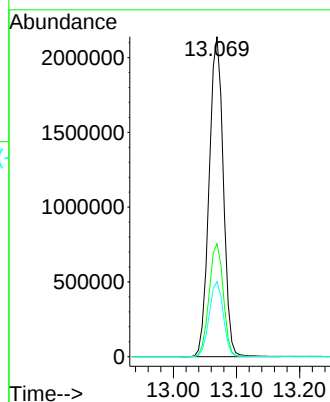
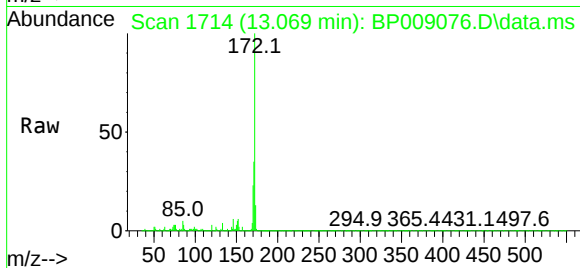
Tgt Ion:172 Resp: 3329551

Ion Ratio Lower Upper

172 100

171 35.3 29.3 43.9

170 23.5 19.5 29.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.210 min Scan# 2418

Delta R.T. 0.006 min

Lab File: BP009076.D

Acq: 09 Feb 2022 14:09

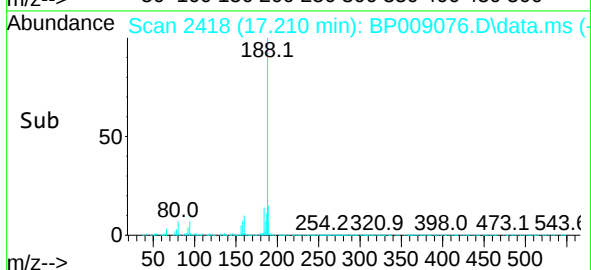
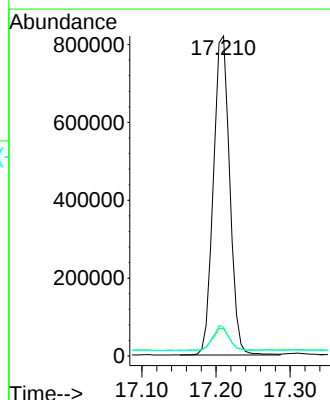
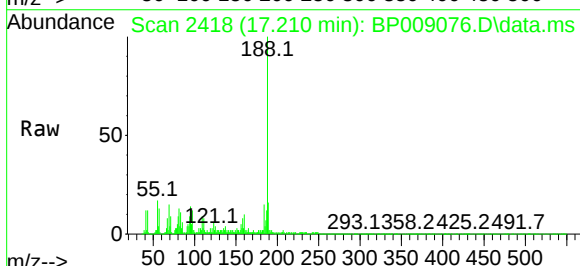
Tgt Ion:188 Resp: 1254716

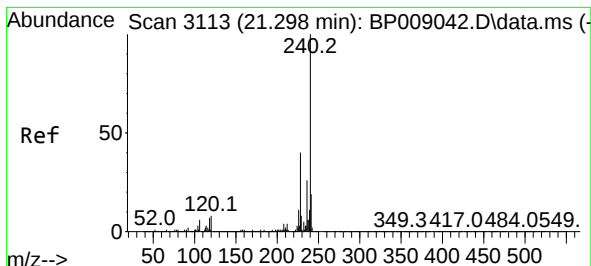
Ion Ratio Lower Upper

188 100

94 8.5 6.8 10.2

80 8.9 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.304 min Scan# 3113

Delta R.T. 0.006 min

Lab File: BP009076.D

Acq: 09 Feb 2022 14:09

Instrument :

BNA_P

ClientSampleId :

282-284

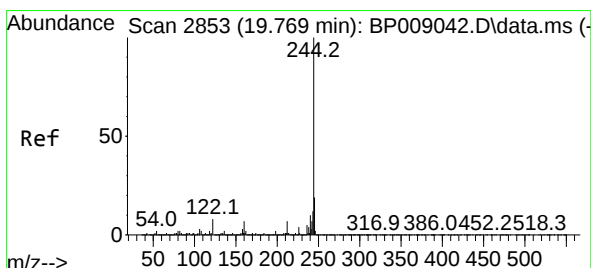
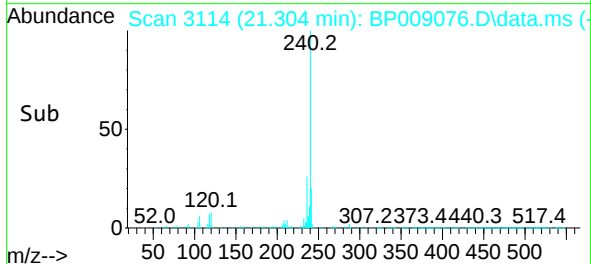
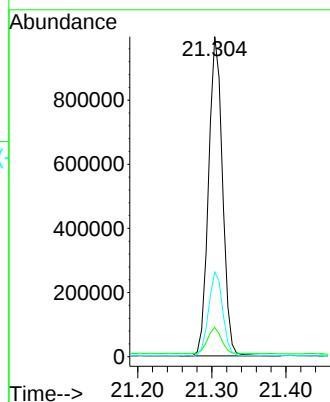
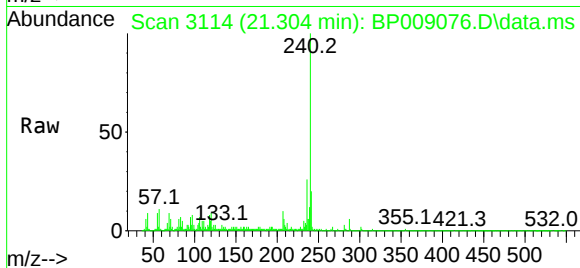
Tgt Ion:240 Resp: 1299435

Ion Ratio Lower Upper

240 100

120 9.1 7.7 11.5

236 26.4 21.2 31.8



#79

Terphenyl-d14

Concen: 69.913 ng

RT: 19.775 min Scan# 2854

Delta R.T. 0.006 min

Lab File: BP009076.D

Acq: 09 Feb 2022 14:09

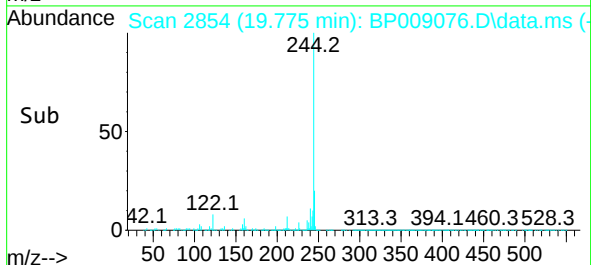
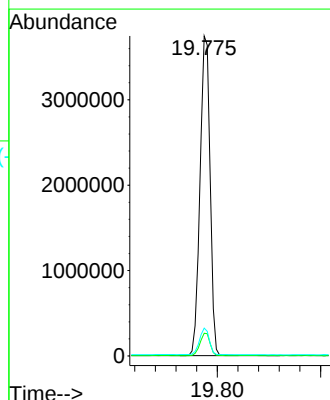
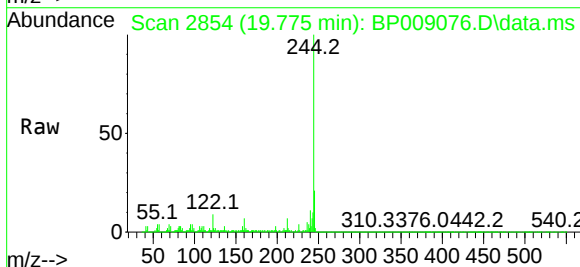
Tgt Ion:244 Resp: 5051762

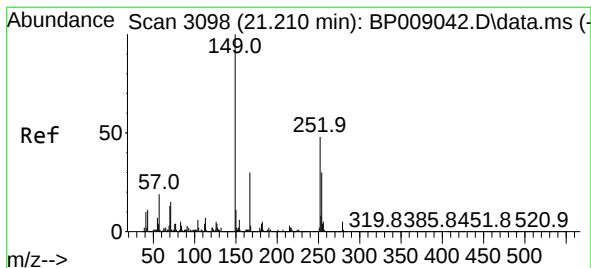
Ion Ratio Lower Upper

244 100

212 7.1 6.5 9.7

122 8.7 9.2 13.8#

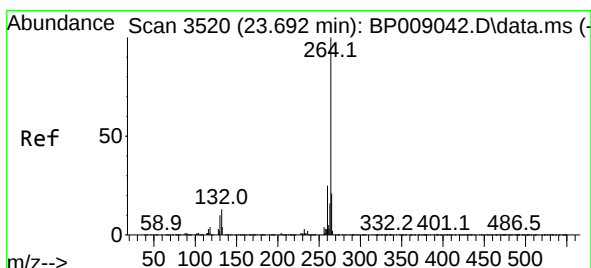
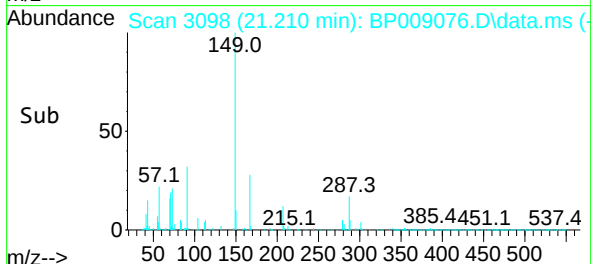
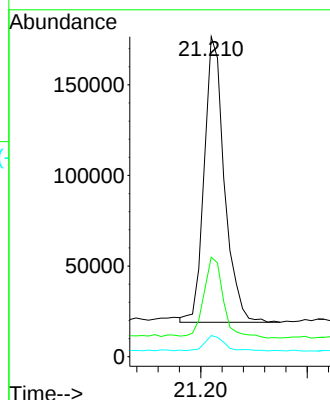
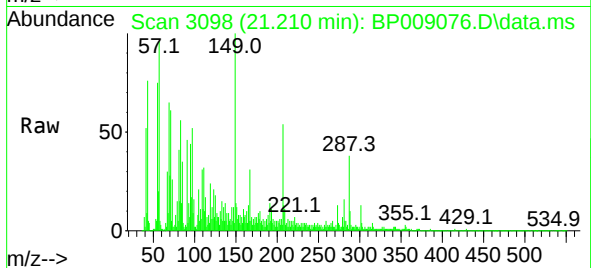




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.945 ng
RT: 21.210 min Scan# 3098
Delta R.T. 0.000 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

Instrument :
BNA_P
ClientSampleId :
282-284

Tgt Ion:149 Resp: 207906
Ion Ratio Lower Upper
149 100
167 31.1 25.0 37.4
279 6.6 4.8 7.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.704 min Scan# 3522
Delta R.T. 0.012 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

Tgt Ion:264 Resp: 1152992
Ion Ratio Lower Upper
264 100
260 24.4 19.1 28.7
265 22.2 17.1 25.7

