

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)

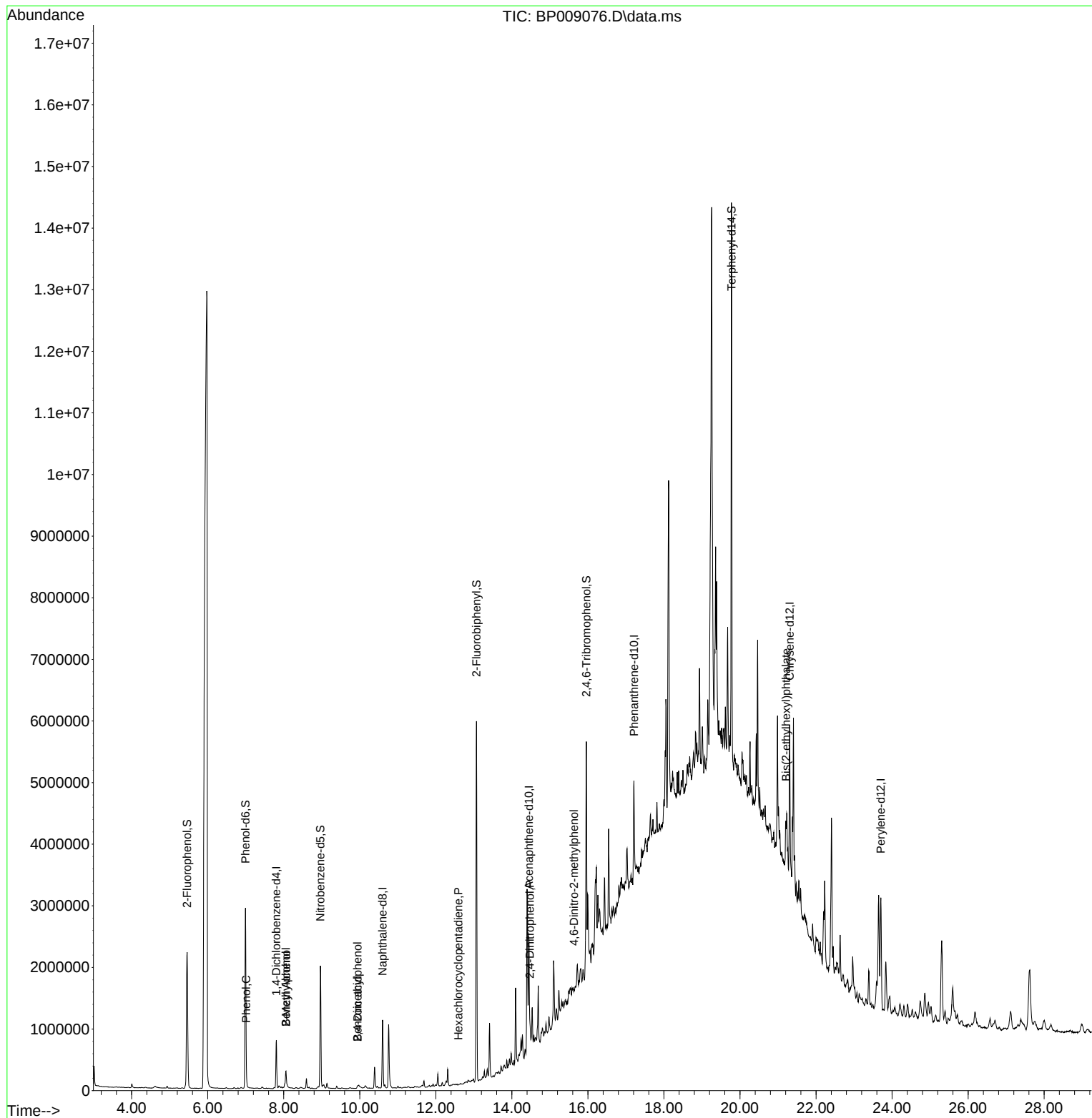
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	235274	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	992869	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	628079	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1254716	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1299435	20.000	ng	0.00
86) Perylene-d12	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
17) 2-Methylphenol	8.058	107	72853	6.219	ng	# 14
27) 2,4-Dimethylphenol	9.940	122	34320	2.666	ng	# 7
32) Benzoic acid	9.940	122	35109	6.453	ng	94
41) Hexachlorocyclopentadiene	12.593	237	27	8.659	ng	74
54) 2,4-Dinitrophenol	14.475	184	1472	2.541	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.634	198	27701	3.597	ng	# 59
84) Bis(2-ethylhexyl)phtha...	21.210	149	207906	4.945	ng	100

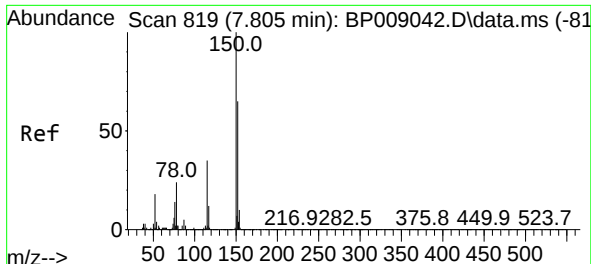
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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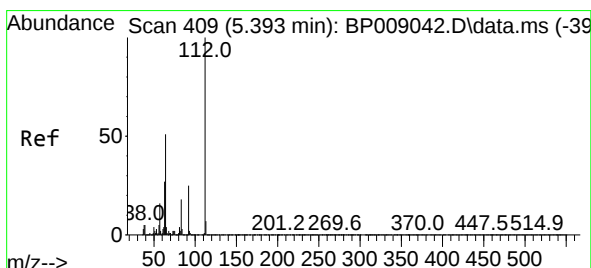
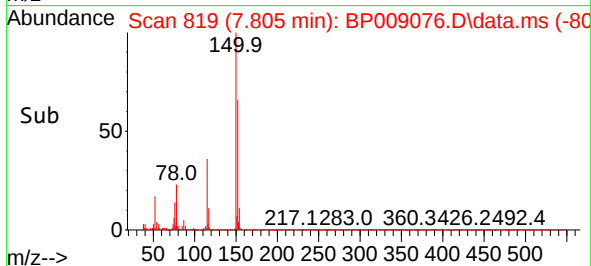
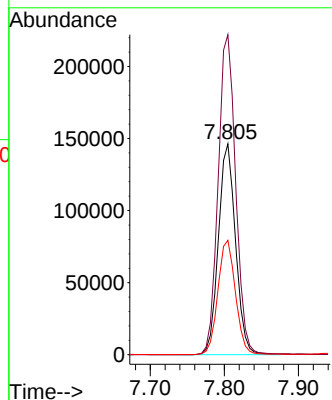
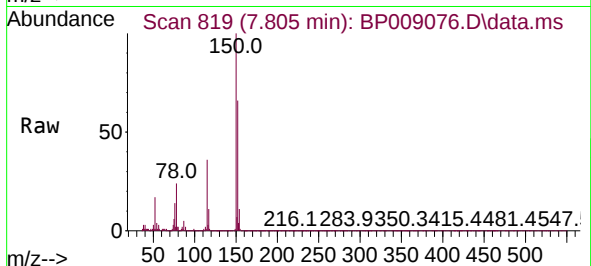




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BP009076.D
 Acq: 09 Feb 2022 14:09

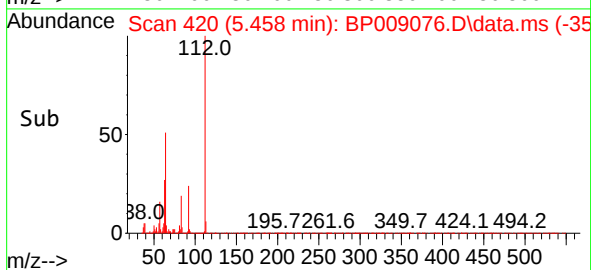
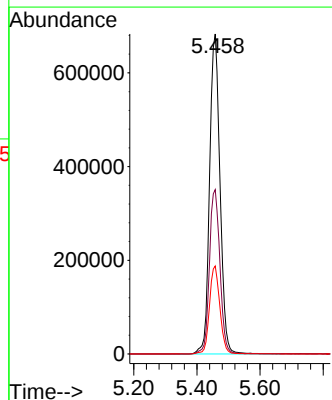
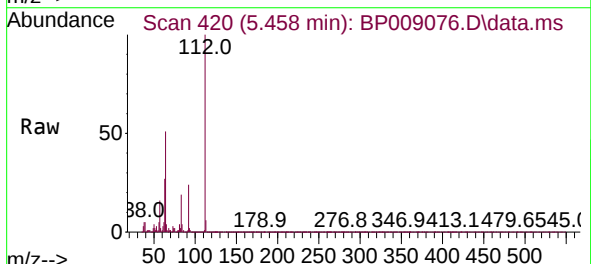
Instrument :
 BNA_P
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 282-284

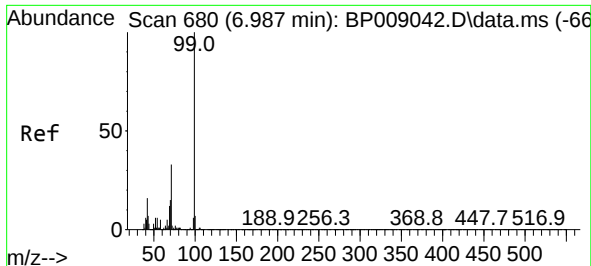
Tgt Ion:152 Resp: 235274
 Ion Ratio Lower Upper
 152 100
 150 151.8 127.0 190.6
 115 54.3 43.7 65.5



#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

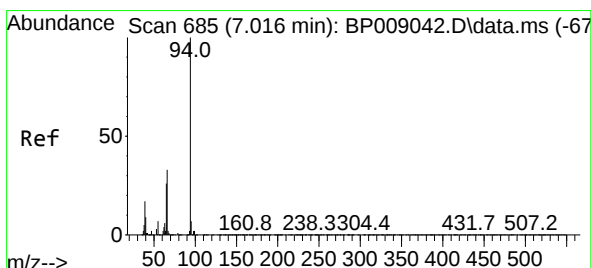
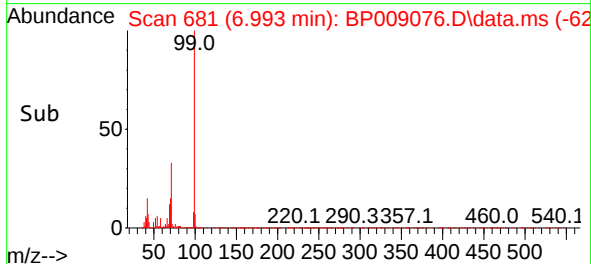
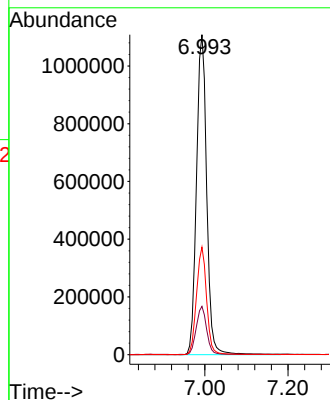
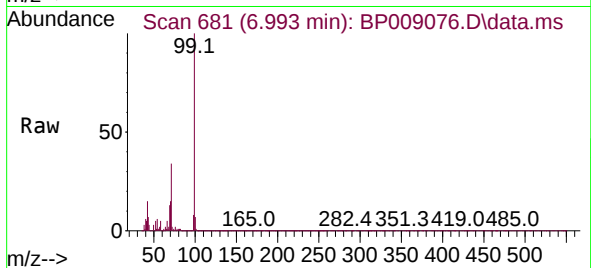




#7
Phenol-d6
Concen: 108.898 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

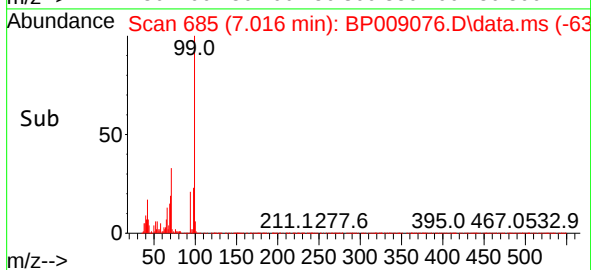
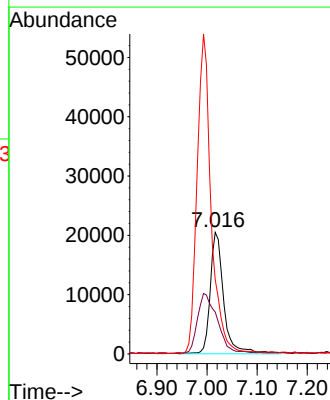
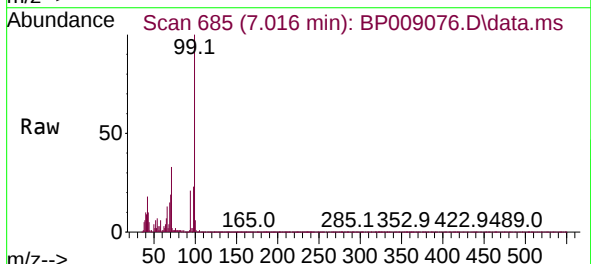
Instrument :
BNA_P
ClientSampleId :
282-284

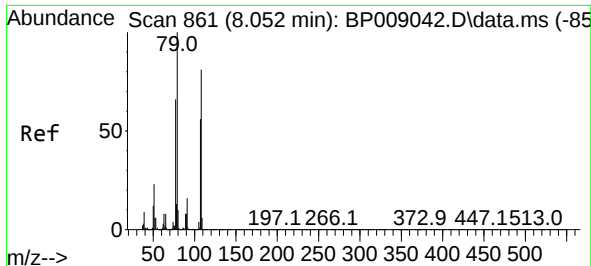
Tgt Ion: 99 Resp: 1892573
Ion Ratio Lower Upper
99 100
42 15.1 10.8 16.2
71 33.6 23.8 35.6



#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#

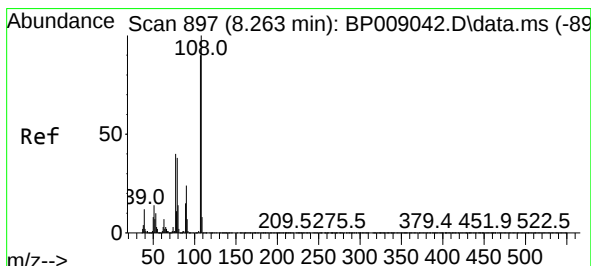
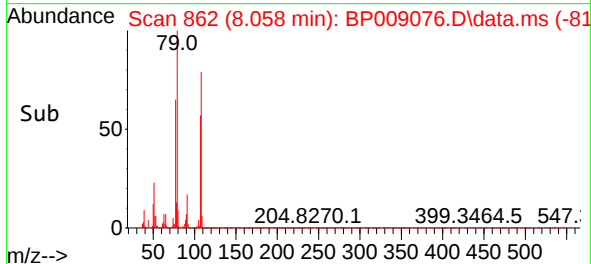
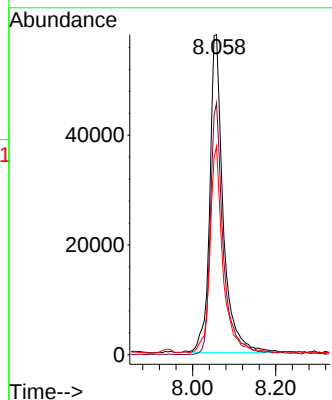
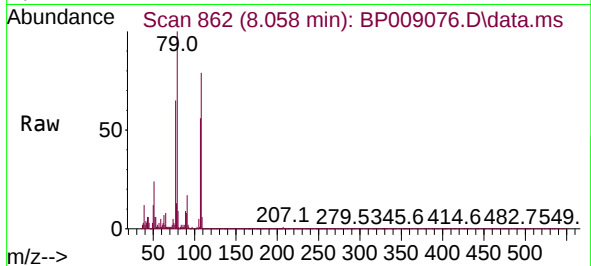




#15
Benzyl Alcohol
Concen: 11.783 ng
RT: 8.058 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

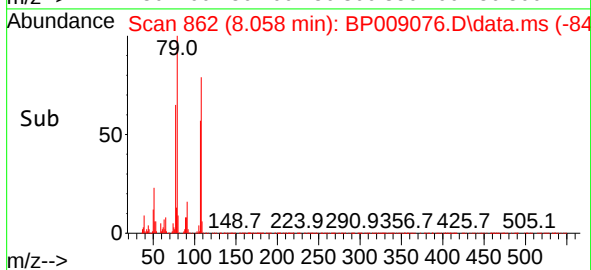
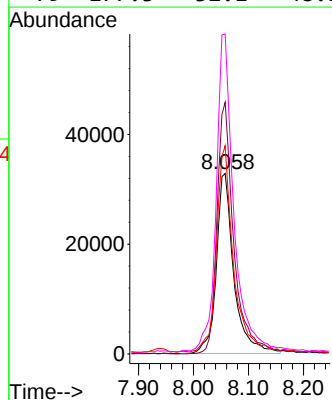
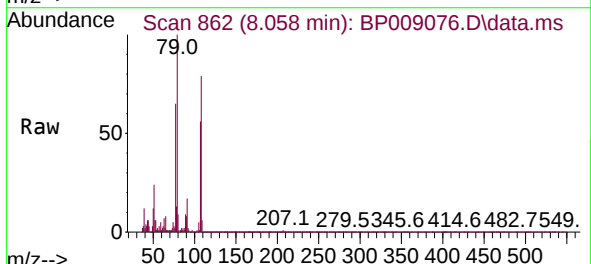
Instrument :
BNA_P
ClientSampleId :
282-284

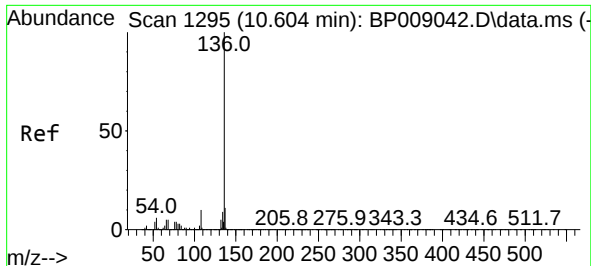
Tgt Ion: 79 Resp: 130362
Ion Ratio Lower Upper
79 100
108 78.7 67.8 101.8
77 65.1 50.7 76.1



#17
2-Methylphenol
Concen: 6.219 ng
RT: 8.058 min Scan# 862
Delta R.T. -0.206 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

Tgt Ion: 107 Resp: 72853
Ion Ratio Lower Upper
107 100
108 139.4 90.0 135.0#
77 115.4 32.7 49.1#
79 177.3 32.1 48.1#

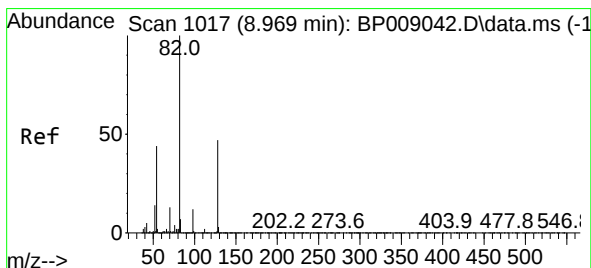
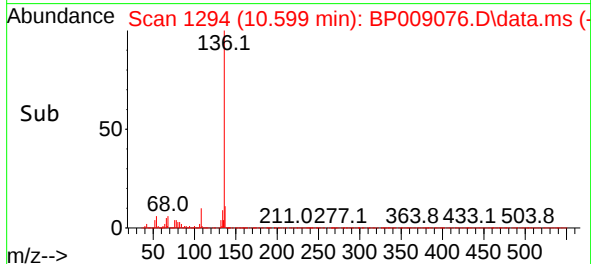
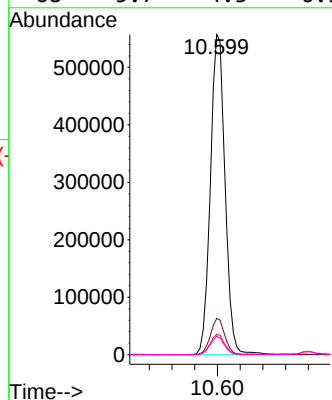
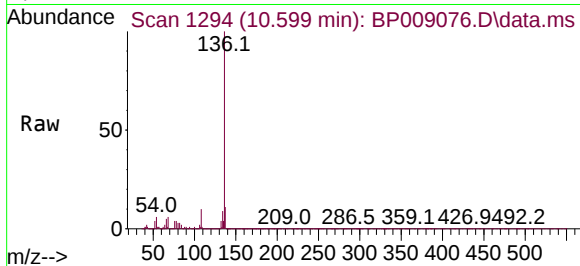




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1016
Delta R.T. -0.005 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

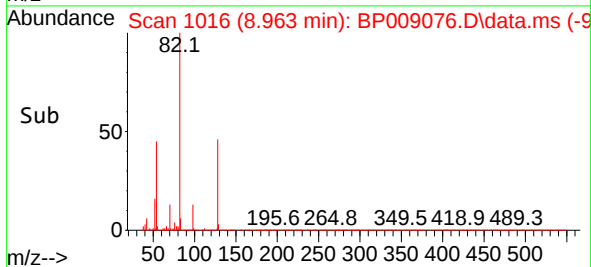
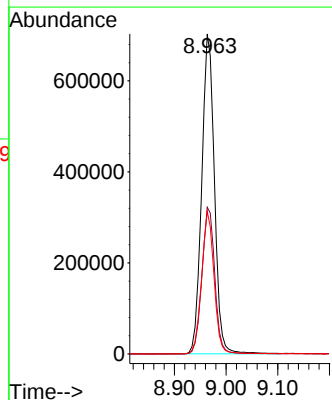
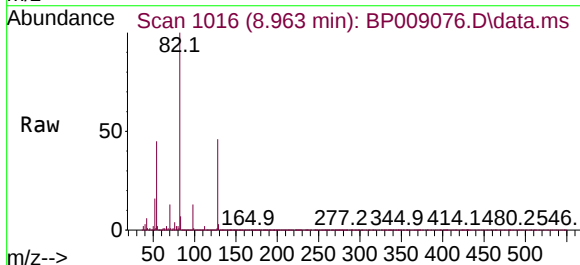
Instrument :
BNA_P
ClientSampleId :
282-284

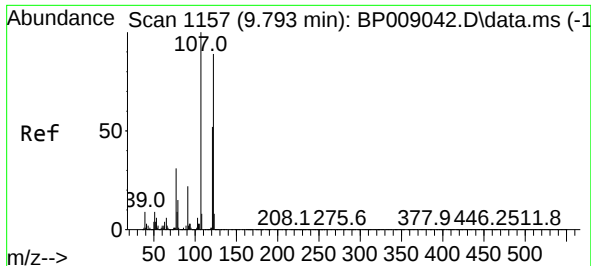
Tgt Ion:	136	Resp:	992869
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	6.3	4.9	7.3
68	5.7	4.3	6.5



#23
Nitrobenzene-d5
Concen: 68.384 ng
RT: 8.963 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

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





#27

2,4-Dimethylphenol

Concen: 2.666 ng

RT: 9.940 min Scan# 1157

Delta R.T. 0.147 min

Lab File: BP009076.D

Acq: 09 Feb 2022 14:09

Instrument :

BNA_P

ClientSampleId :

282-284

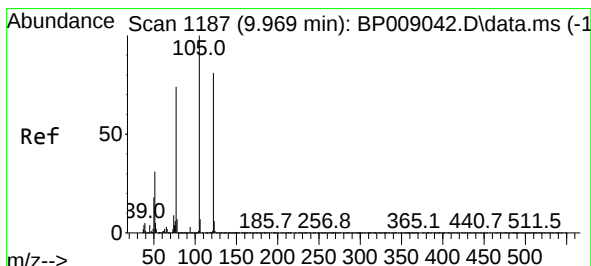
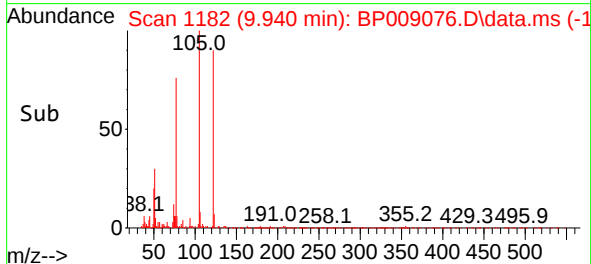
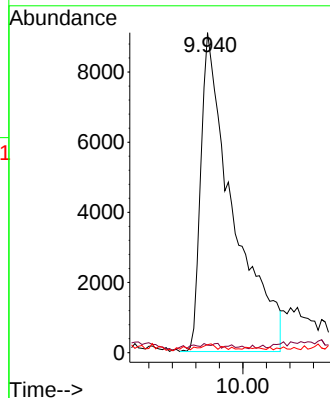
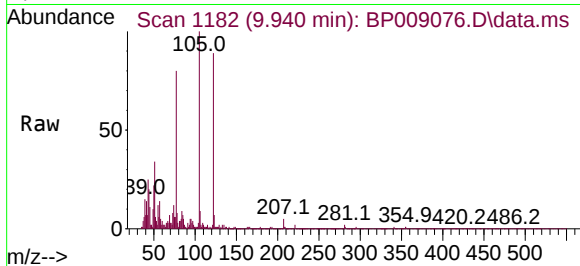
Tgt Ion:122 Resp: 34320

Ion Ratio Lower Upper

122 100

107 2.3 89.6 134.4#

121 2.5 47.8 71.8#



#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

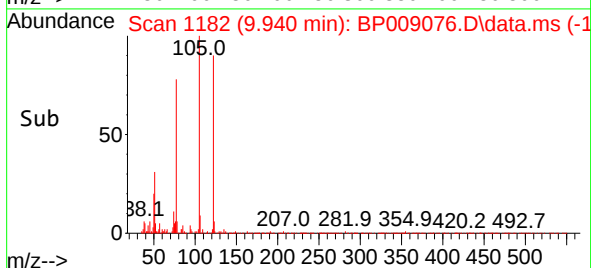
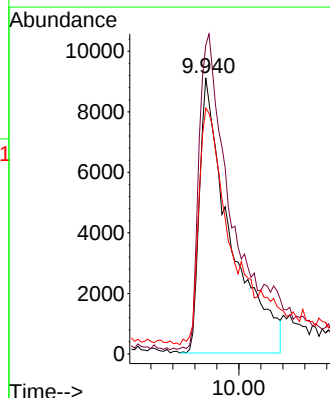
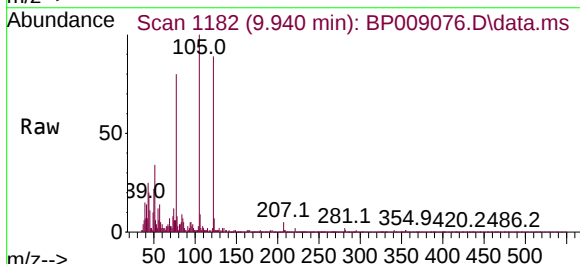
Tgt Ion:122 Resp: 35109

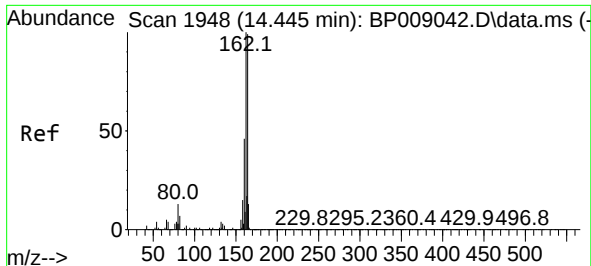
Ion Ratio Lower Upper

122 100

105 111.9 100.1 140.1

77 89.0 65.5 105.5

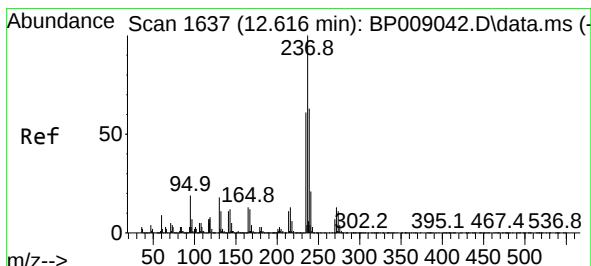
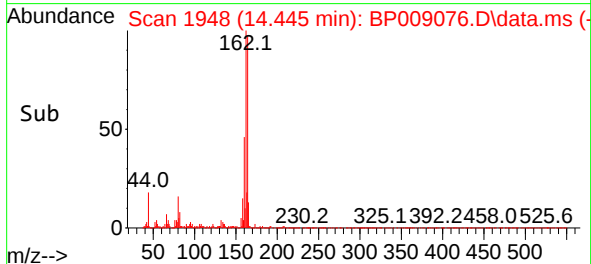
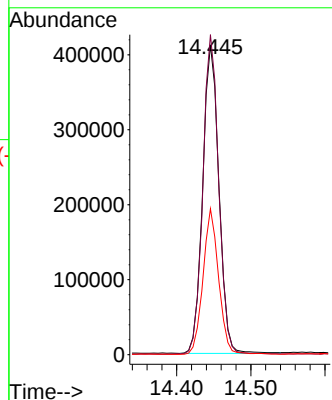
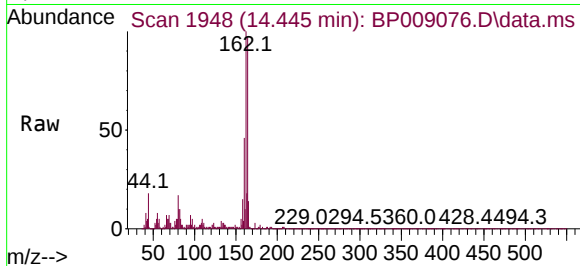




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.445 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

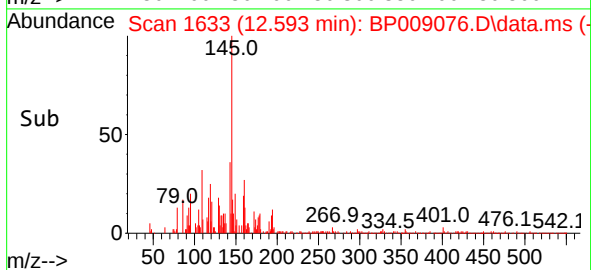
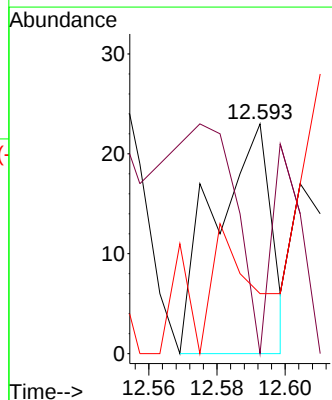
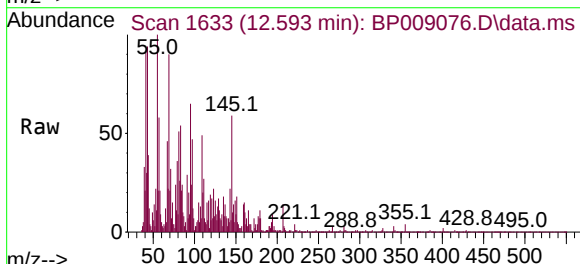
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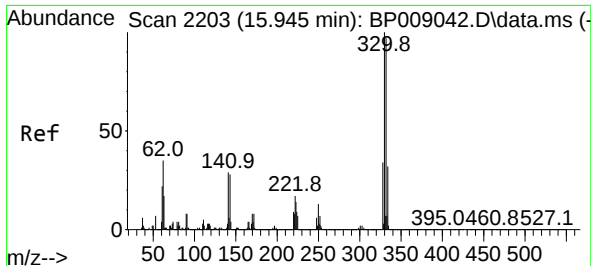
Tgt Ion:164 Resp: 628079
Ion Ratio Lower Upper
164 100
162 103.3 79.9 119.9
160 47.1 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.593 min Scan# 1633
Delta R.T. -0.023 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

Tgt Ion:237 Resp: 27
Ion Ratio Lower Upper
237 100
235 43.5 42.9 82.9
272 26.1 0.0 33.8

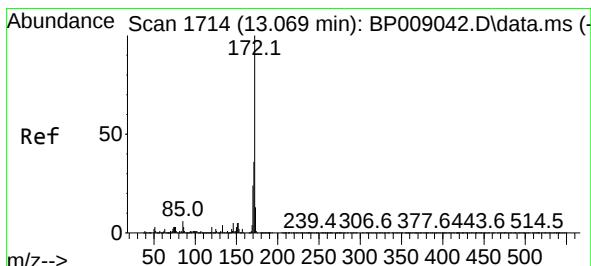
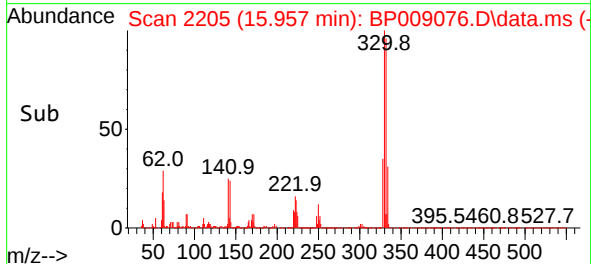
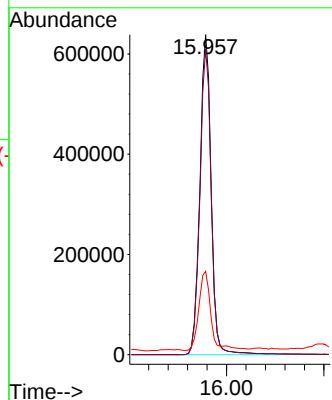
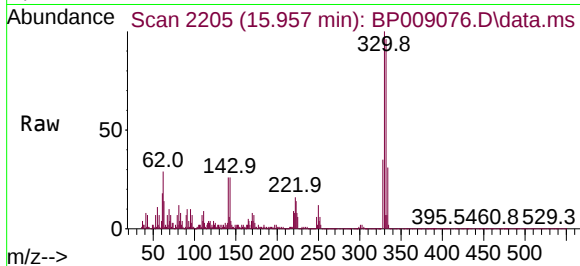




#42
2,4,6-Tribromophenol
Concen: 122.593 ng
RT: 15.957 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

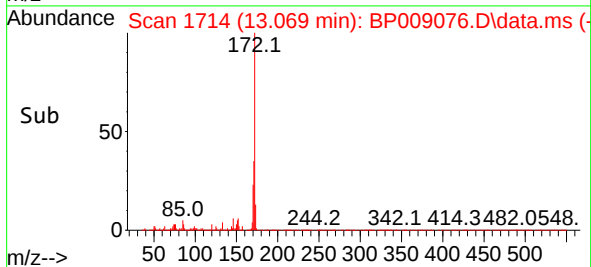
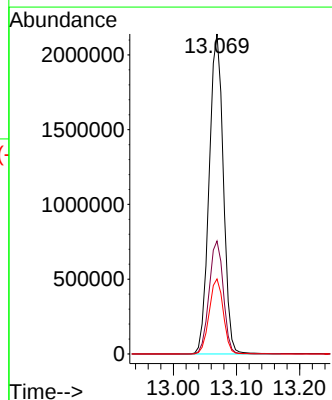
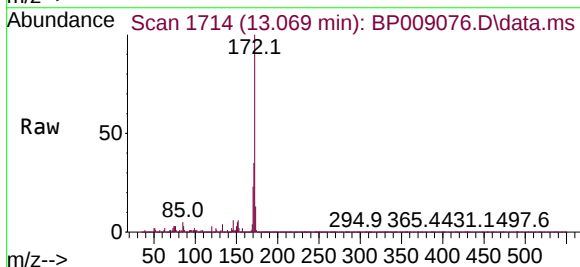
Instrument :
BNA_P
ClientSampleId :
282-284

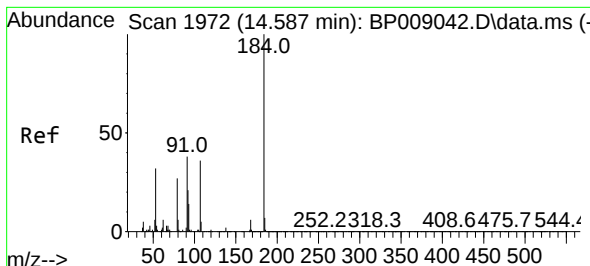
Tgt Ion:330 Resp: 1028065
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 26.8 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 74.211 ng
RT: 13.069 min Scan# 1714
Delta R.T. 0.000 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

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

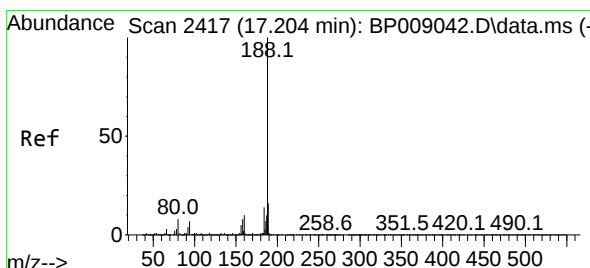
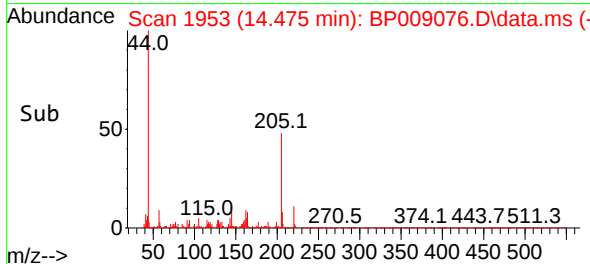
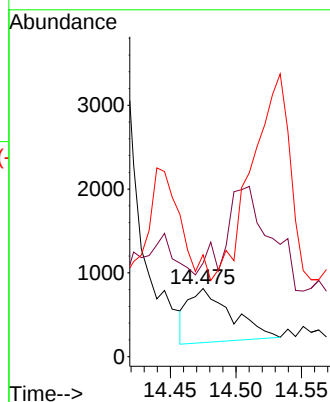
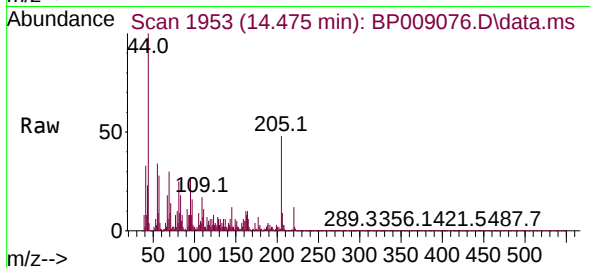




#54
2,4-Dinitrophenol
Concen: 2.541 ng
RT: 14.475 min Scan# 1972
Delta R.T. -0.112 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

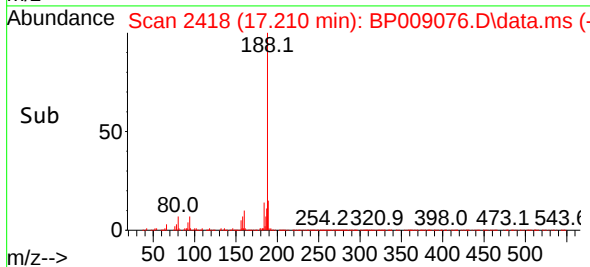
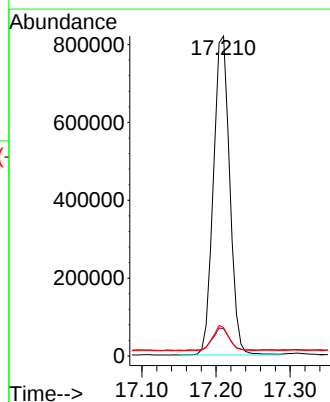
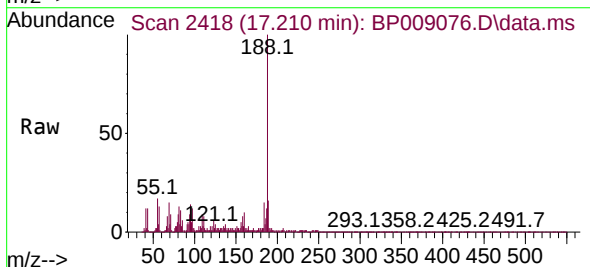
Instrument :
BNA_P
ClientSampleId :
282-284

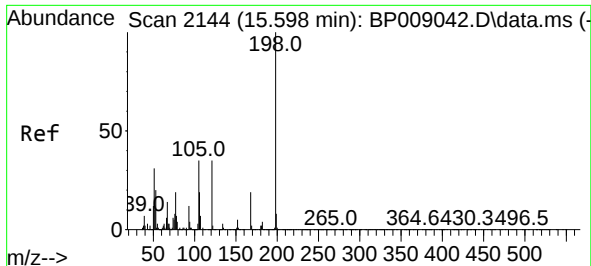
Tgt Ion:184 Resp: 1472
Ion Ratio Lower Upper
184 100
63 137.4 35.6 53.4#
154 149.6 43.4 65.0#



#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

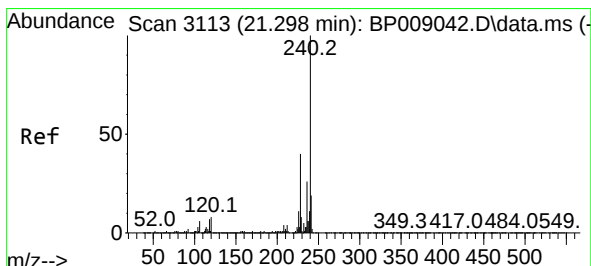
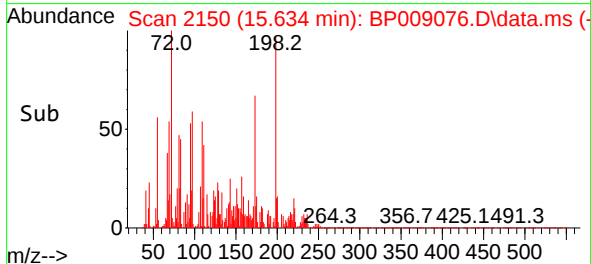
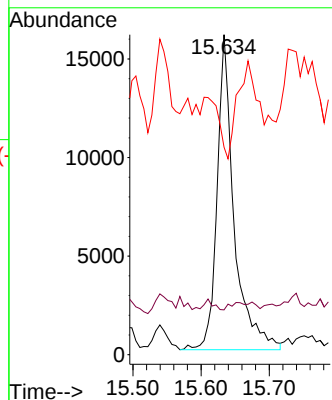
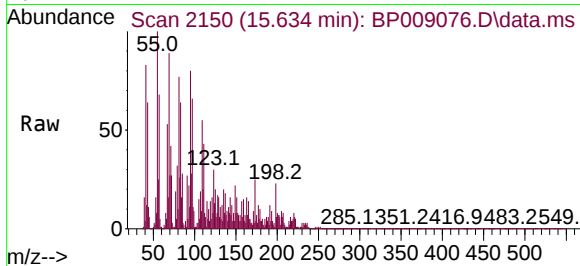




#65
4,6-Dinitro-2-methylphenol
Concen: 3.597 ng
RT: 15.634 min Scan# 2144
Delta R.T. 0.035 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

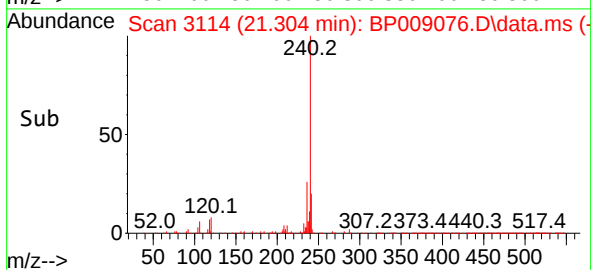
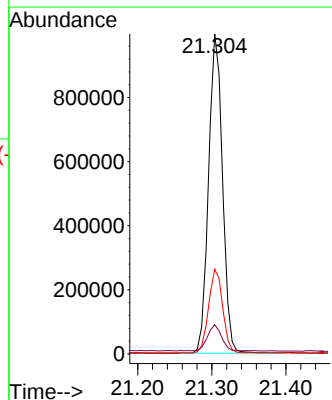
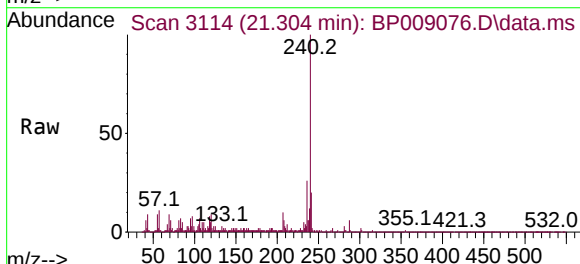
Instrument :
BNA_P
ClientSampleId :
282-284

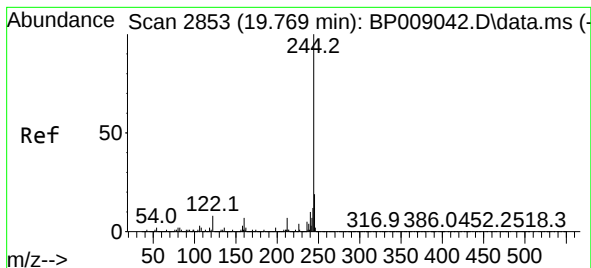
Tgt Ion:198 Resp: 27701
Ion Ratio Lower Upper
198 100
51 14.0 6.8 46.8
105 64.8 14.4 54.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3114
Delta R.T. 0.006 min
Lab File: BP009076.D
Acq: 09 Feb 2022 14:09

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# 21

Delta R.T. 0.006 min

Lab File: BP009076.D

Acq: 09 Feb 2022 14:09

Instrument :

BNA_P

ClientSampleId :

282-284

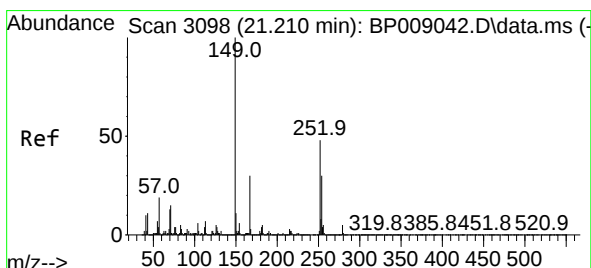
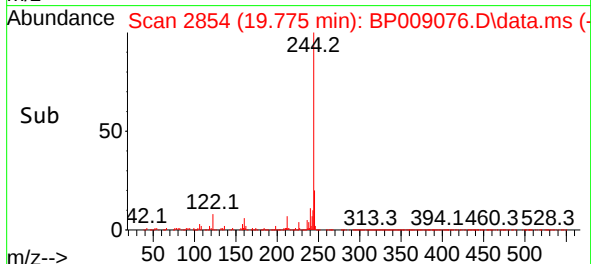
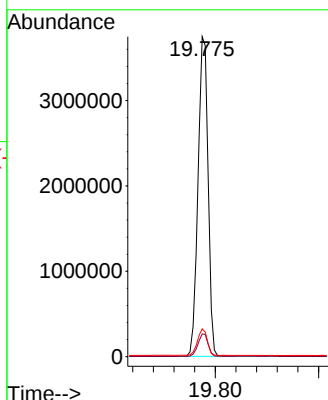
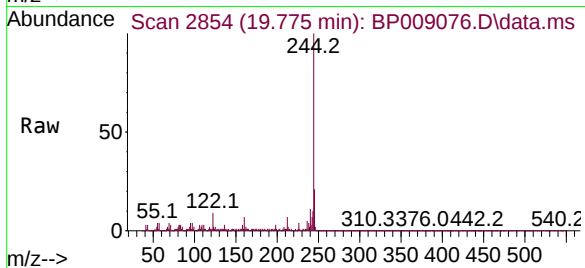
Tgt Ion:244 Resp: 5051762

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

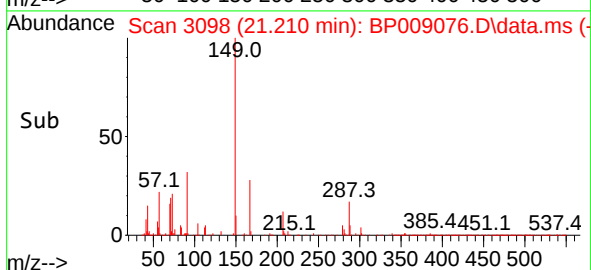
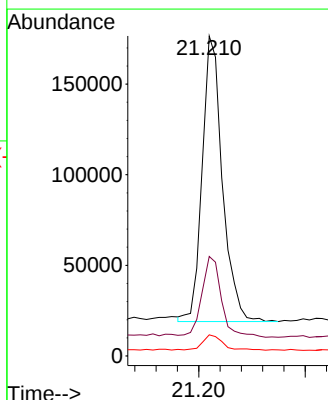
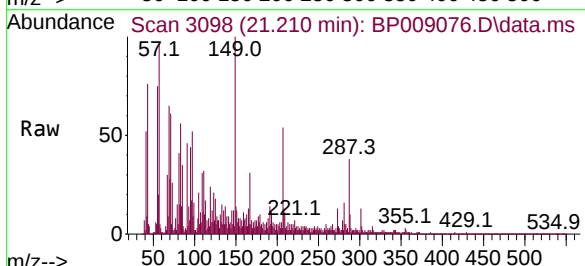
Tgt Ion:149 Resp: 207906

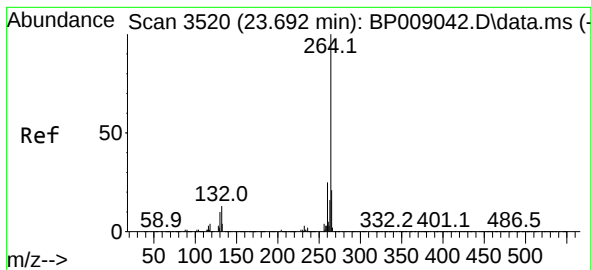
Ion Ratio Lower Upper

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# 31

Delta R.T. 0.012 min

Lab File: BP009076.D

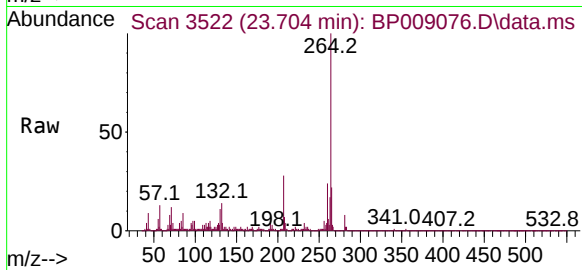
Acq: 09 Feb 2022 14:09

Instrument :

BNA_P

ClientSampleId :

282-284



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

264 100

260 24.4 19.1 28.7

265 22.2 17.1 25.7

