

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009053.D
 Acq On : 08 Feb 2022 12:08
 Operator : CG/JU
 Sample : PB142420TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB142420TB

Quant Time: Feb 08 12:53:29 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)

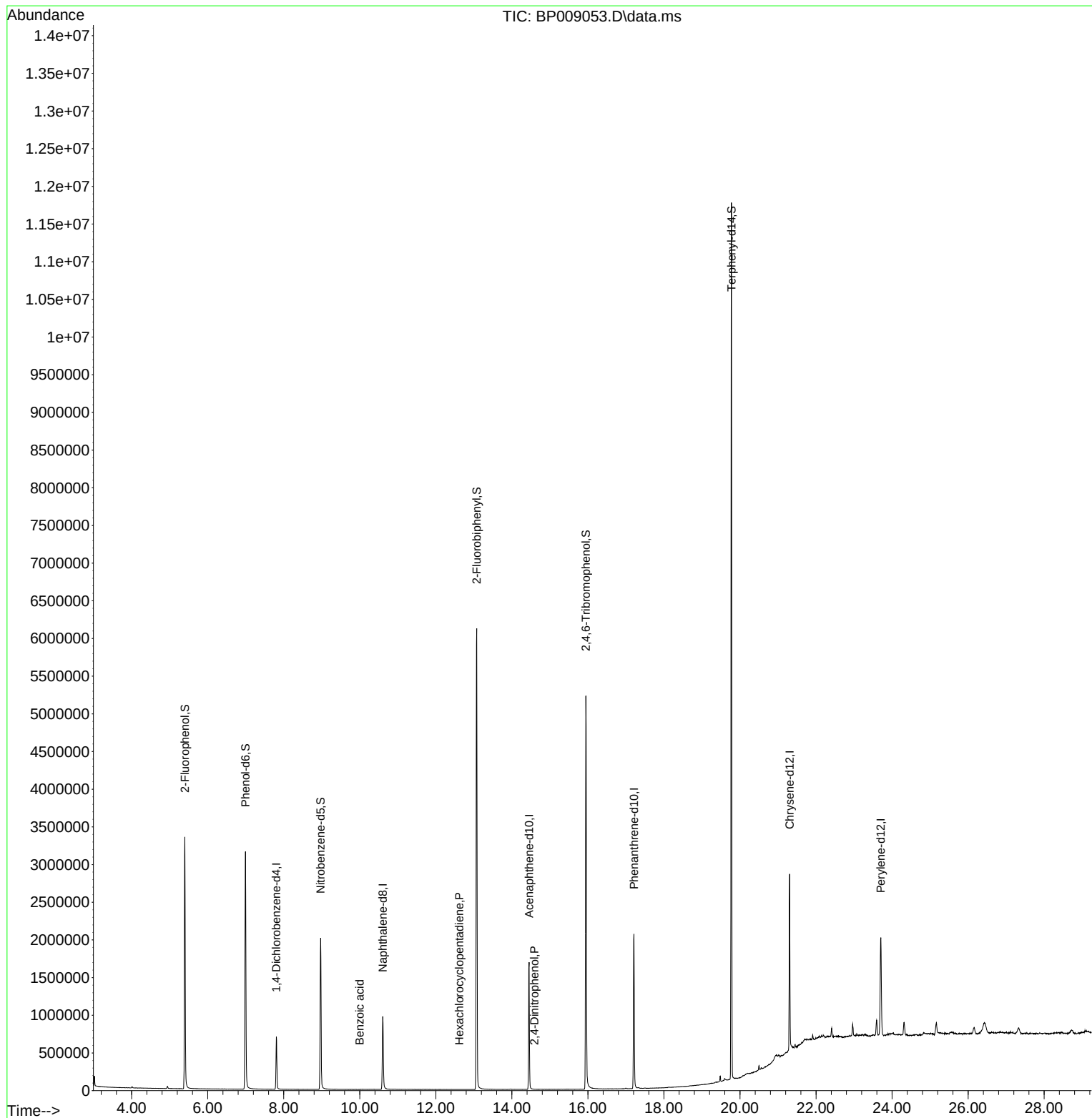
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	214041	20.000	ng	0.00
21) Naphthalene-d8	10.605	136	941216	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	640650	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1380604	20.000	ng	0.00
76) Chrysene-d12	21.304	240	1189873	20.000	ng	0.00
86) Perylene-d12	23.704	264	1070307	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1628702	135.735	ng	0.00
7) Phenol-d6	6.993	99	2038766	128.947	ng	0.00
23) Nitrobenzene-d5	8.969	82	1303909	78.125	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1204842	140.854	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	3630915	79.340	ng	0.00
79) Terphenyl-d14	19.775	244	5765771	87.142	ng	0.00
Target Compounds						
32) Benzoic acid	9.999	122	110	2.702	ng	Qvalue # 13
41) Hexachlorocyclopentadiene	12.616	237	24	8.659	ng	80
54) 2,4-Dinitrophenol	14.593	184	53	2.180	ng	# 64

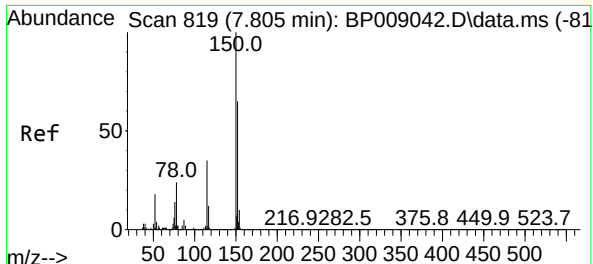
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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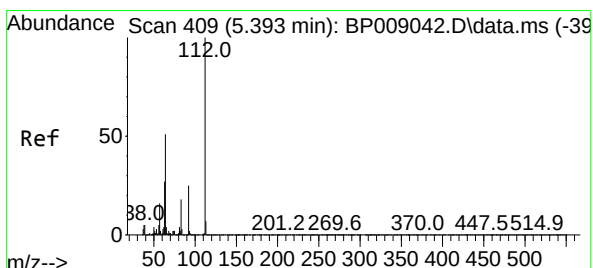
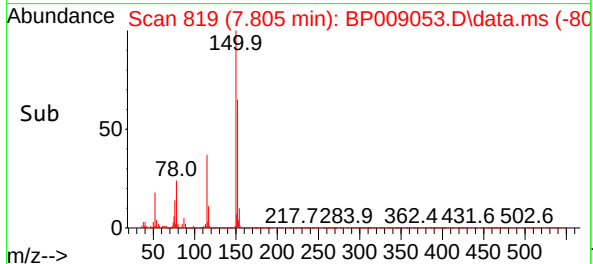
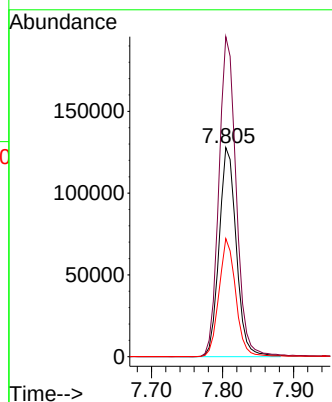
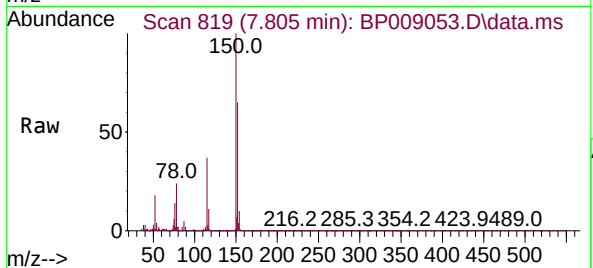




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

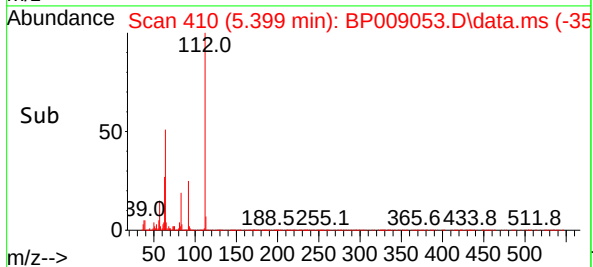
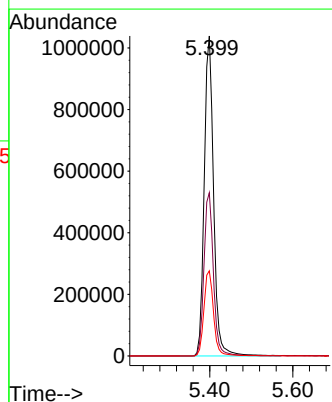
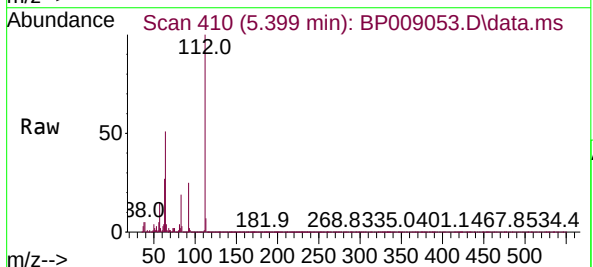
Instrument :
BNA_P
ClientSampleId :
PB142420TB

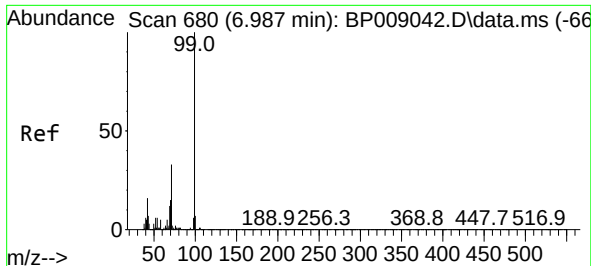
Tgt Ion:152 Resp: 214041
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.6
115 56.5 43.7 65.5



#5
2-Fluorophenol
Concen: 135.735 ng
RT: 5.399 min Scan# 410
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Tgt Ion:112 Resp: 1628702
Ion Ratio Lower Upper
112 100
64 51.0 39.7 59.5
63 26.6 20.0 30.0



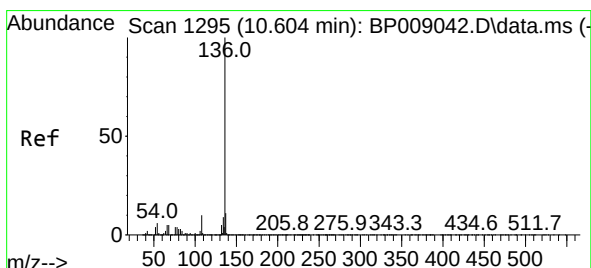
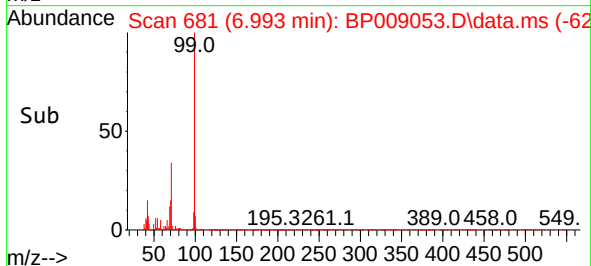
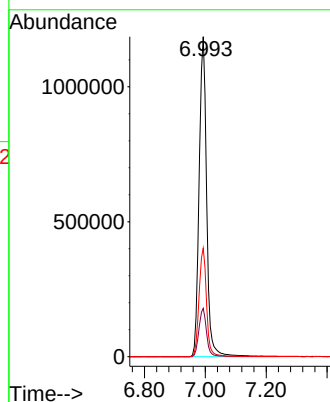
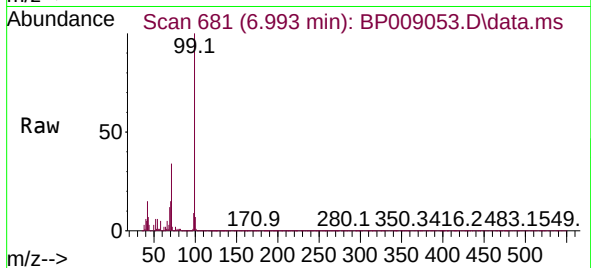


#7
Phenol-d6
Concen: 128.947 ng
RT: 6.993 min Scan# 681
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Instrument :
BNA_P
ClientSampleId :
PB142420TB

Tgt Ion: 99 Resp: 2038766

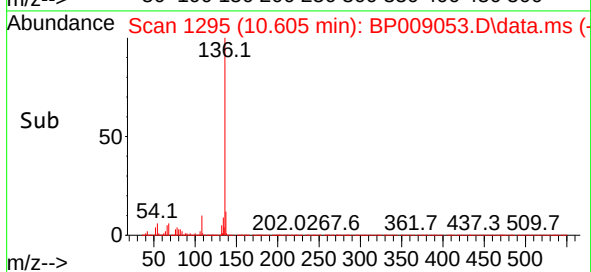
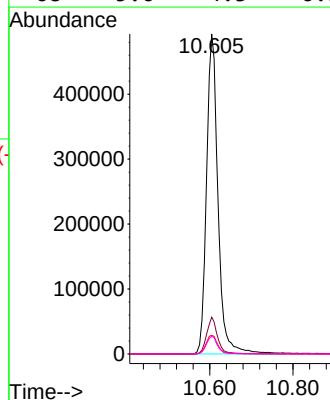
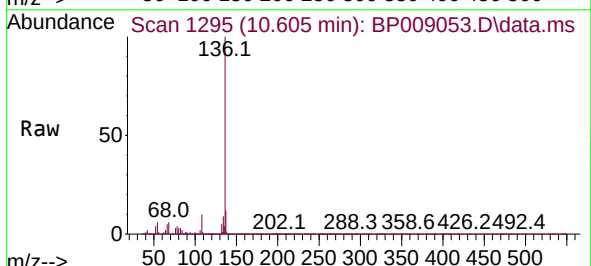
Ion	Ratio	Lower	Upper
99	100		
42	15.1	10.8	16.2
71	33.9	23.8	35.6

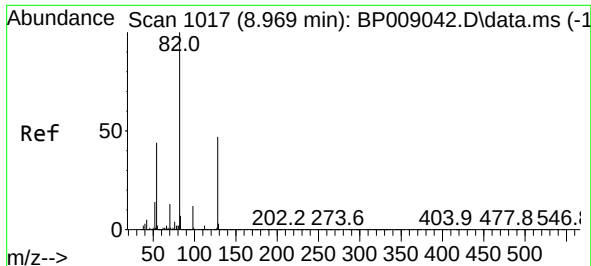


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.605 min Scan# 1295
Delta R.T. 0.001 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Tgt Ion: 136 Resp: 941216

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.4
54	5.8	4.9	7.3
68	5.6	4.3	6.5



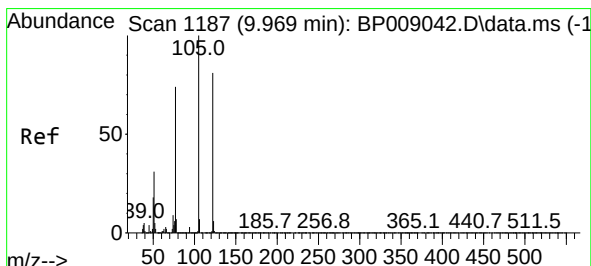
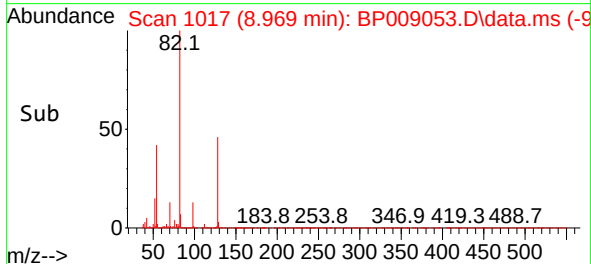
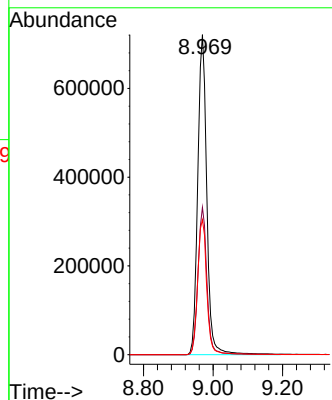
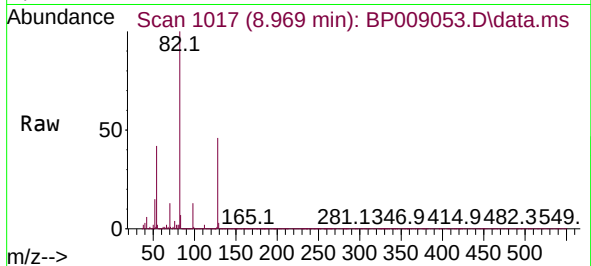


#23
Nitrobenzene-d5
Concen: 78.125 ng
RT: 8.969 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Instrument :
BNA_P
ClientSampleId :
PB142420TB

Tgt Ion: 82 Resp: 1303909

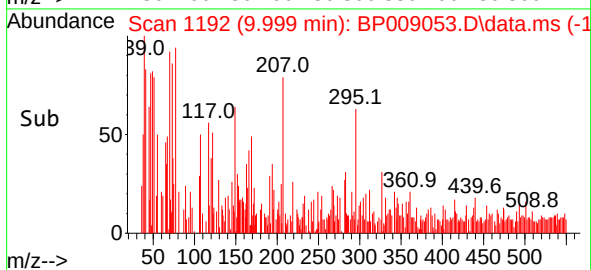
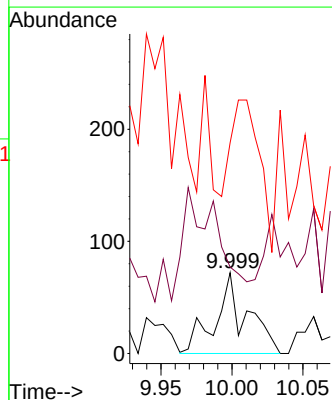
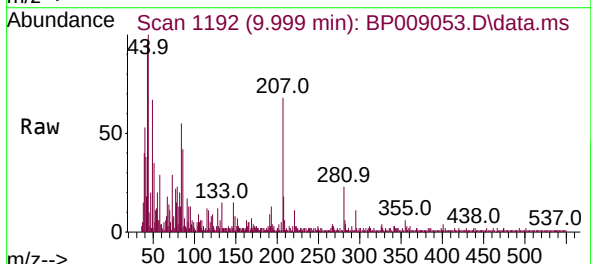
Ion	Ratio	Lower	Upper
82	100		
128	46.1	39.4	59.2
54	42.2	32.6	48.8

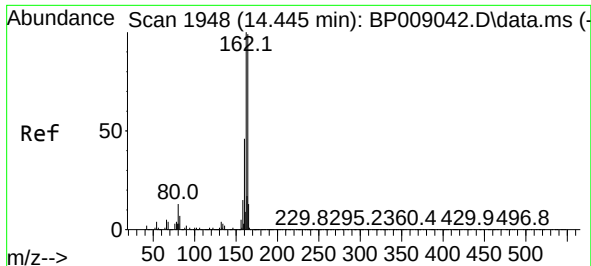


#32
Benzoic acid
Concen: 2.702 ng
RT: 9.999 min Scan# 1192
Delta R.T. 0.030 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Tgt Ion: 122 Resp: 110

Ion	Ratio	Lower	Upper
122	100		
105	106.9	100.1	140.1
77	261.1	65.5	105.5

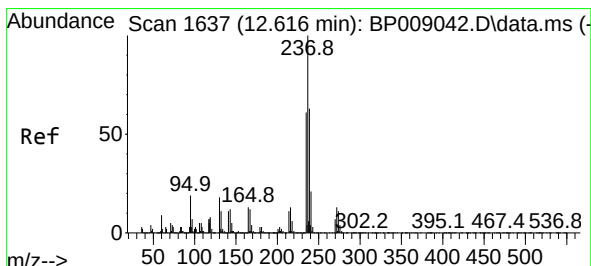
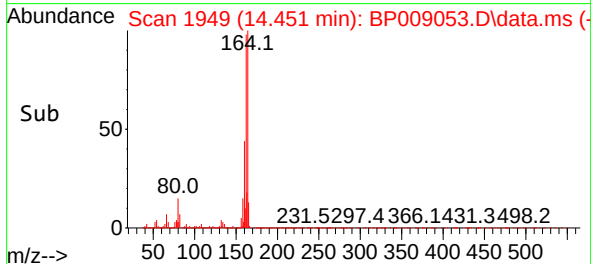
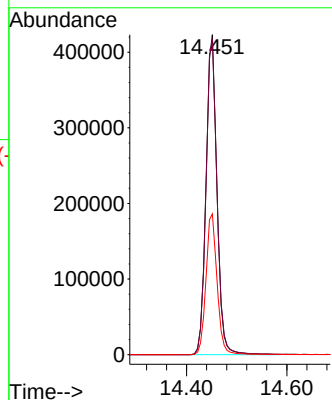
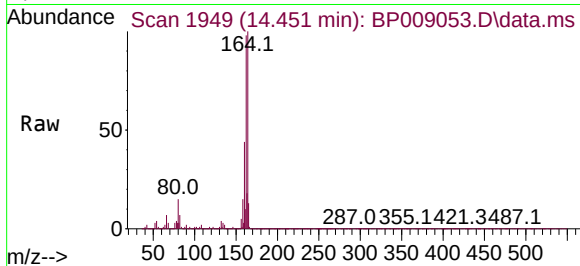




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

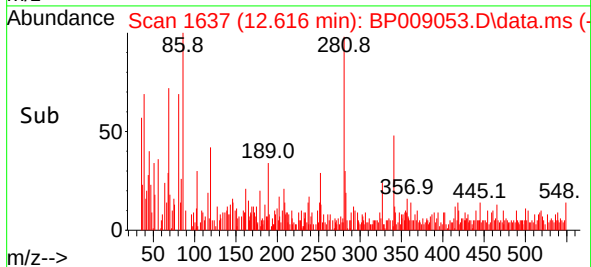
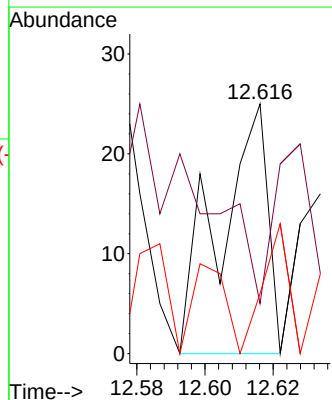
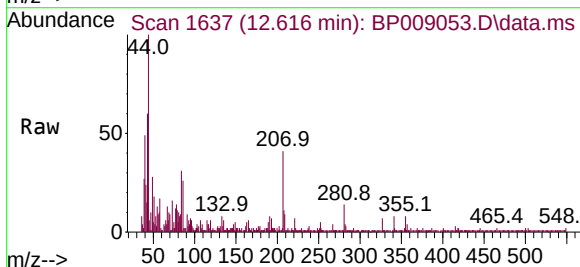
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ClientSampleId :
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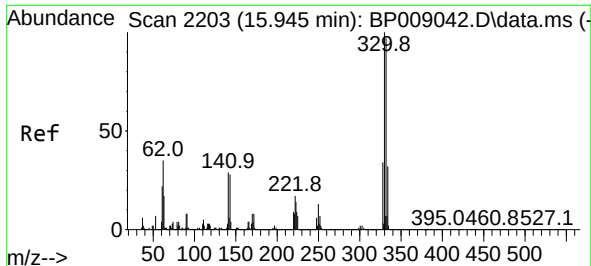
Tgt Ion:164 Resp: 640650
Ion Ratio Lower Upper
164 100
162 98.3 79.9 119.9
160 44.0 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.659 ng
RT: 12.616 min Scan# 1637
Delta R.T. 0.000 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Tgt Ion:237 Resp: 24
Ion Ratio Lower Upper
237 100
235 48.0 42.9 82.9
272 24.0 0.0 33.8

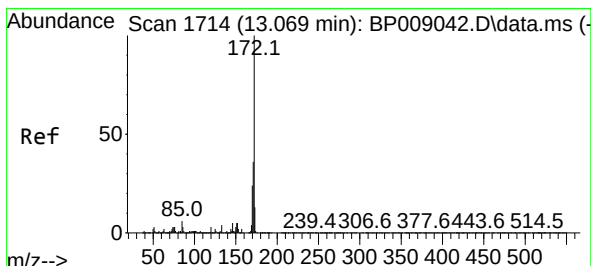
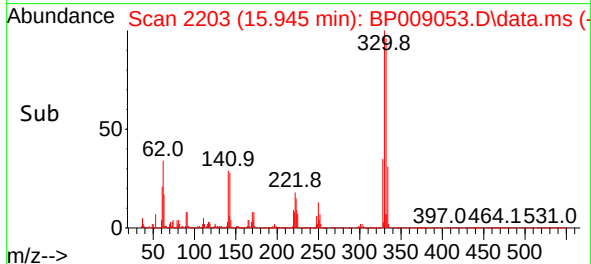
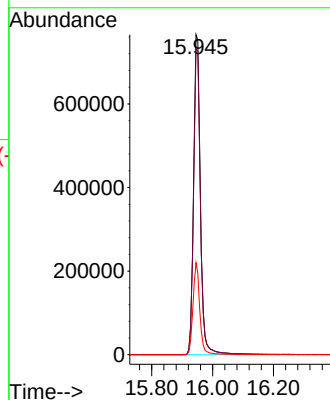
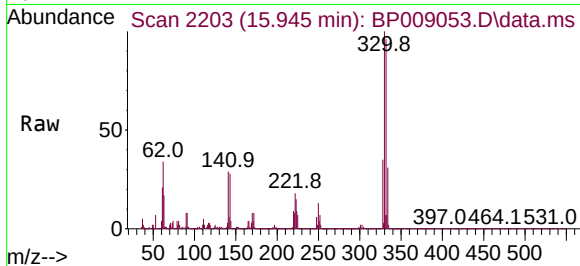




#42
2,4,6-Tribromophenol
Concen: 140.854 ng
RT: 15.945 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

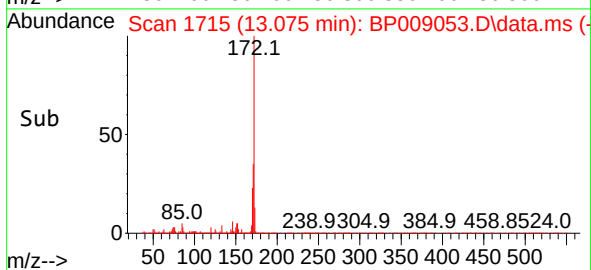
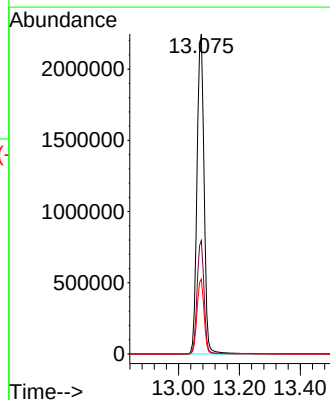
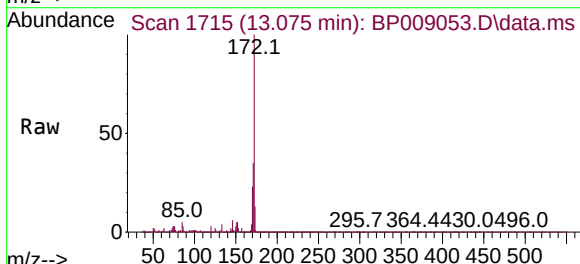
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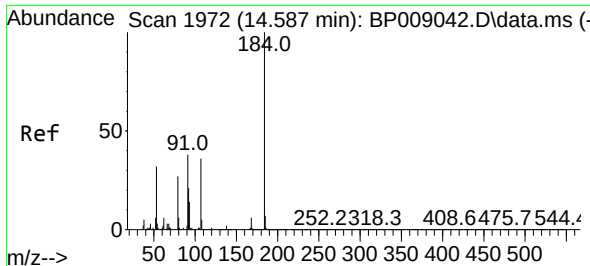
Tgt Ion:330 Resp: 1204842
Ion Ratio Lower Upper
330 100
332 95.7 77.0 115.4
141 28.4 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 79.340 ng
RT: 13.075 min Scan# 1715
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Tgt Ion:172 Resp: 3630915
Ion Ratio Lower Upper
172 100
171 35.5 29.3 43.9
170 23.4 19.5 29.3

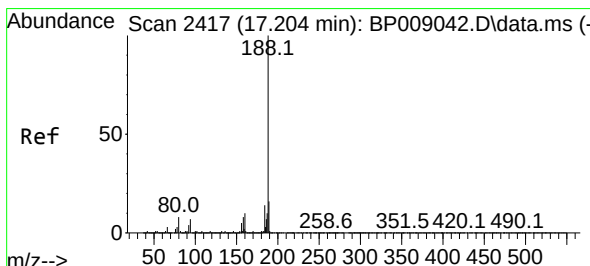
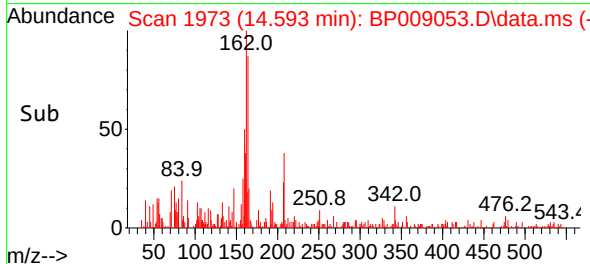
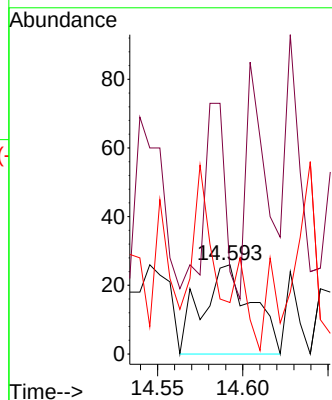
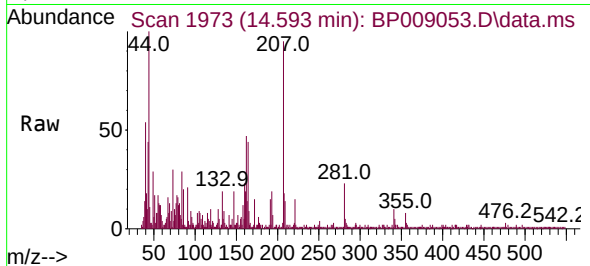




#54
2,4-Dinitrophenol
Concen: 2.180 ng
RT: 14.593 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

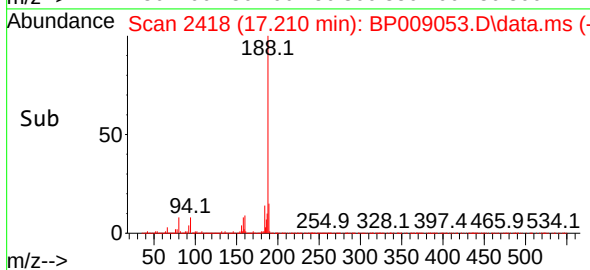
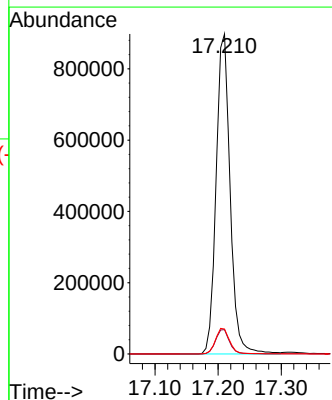
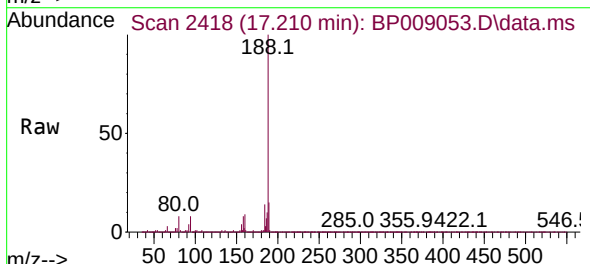
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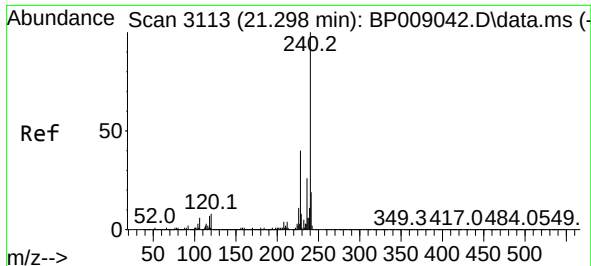
Tgt Ion:184 Resp: 53
Ion Ratio Lower Upper
184 100
63 92.3 35.6 53.4#
154 57.7 43.4 65.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Tgt Ion:188 Resp: 1380604
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 7.8 7.2 10.8

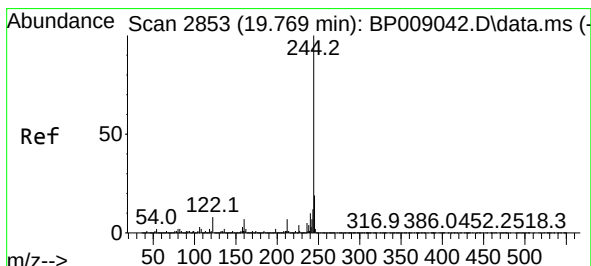
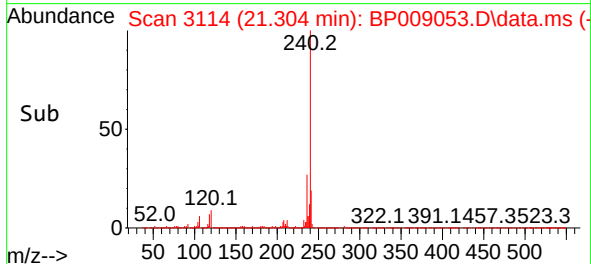
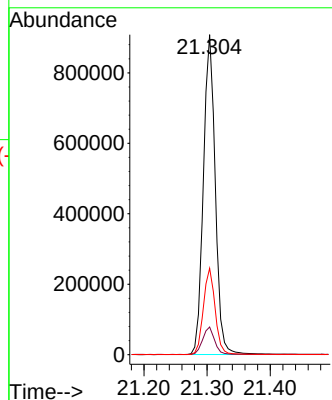
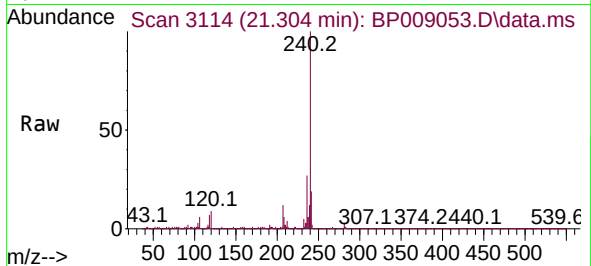




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

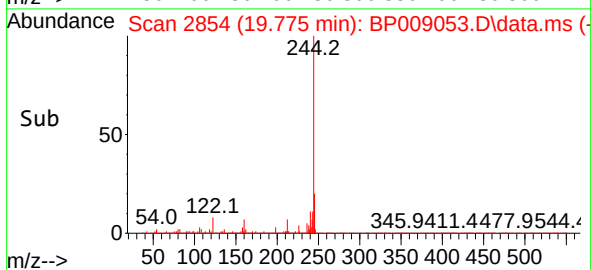
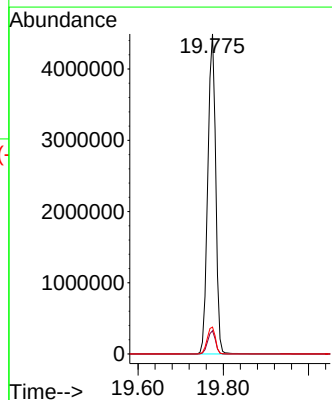
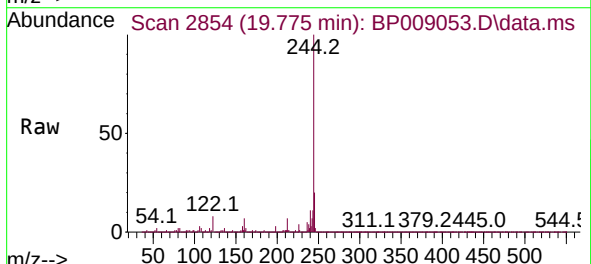
Instrument :
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PB142420TB

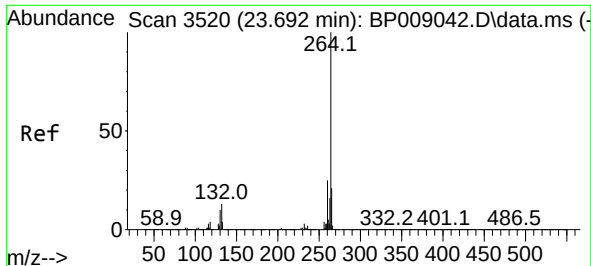
Tgt Ion:240 Resp: 1189873
Ion Ratio Lower Upper
240 100
120 8.6 7.7 11.5
236 27.0 21.2 31.8



#79
Terphenyl-d14
Concen: 87.142 ng
RT: 19.775 min Scan# 2854
Delta R.T. 0.006 min
Lab File: BP009053.D
Acq: 08 Feb 2022 12:08

Tgt Ion:244 Resp: 5765771
Ion Ratio Lower Upper
244 100
212 7.2 6.5 9.7
122 8.4 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.704 min Scan# 31
 Delta R.T. 0.012 min
 Lab File: BP009053.D
 Acq: 08 Feb 2022 12:08

Instrument :
 BNA_P
 ClientSampleId :
 PB142420TB

Tgt Ion:264 Resp: 1070307
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.1 28.7
 265 22.2 17.1 25.7

