

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020822\
 Data File : BP009059.D
 Acq On : 08 Feb 2022 15:31
 Operator : CG/JU
 Sample : N1421-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3

Quant Time: Feb 08 16:40:15 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)

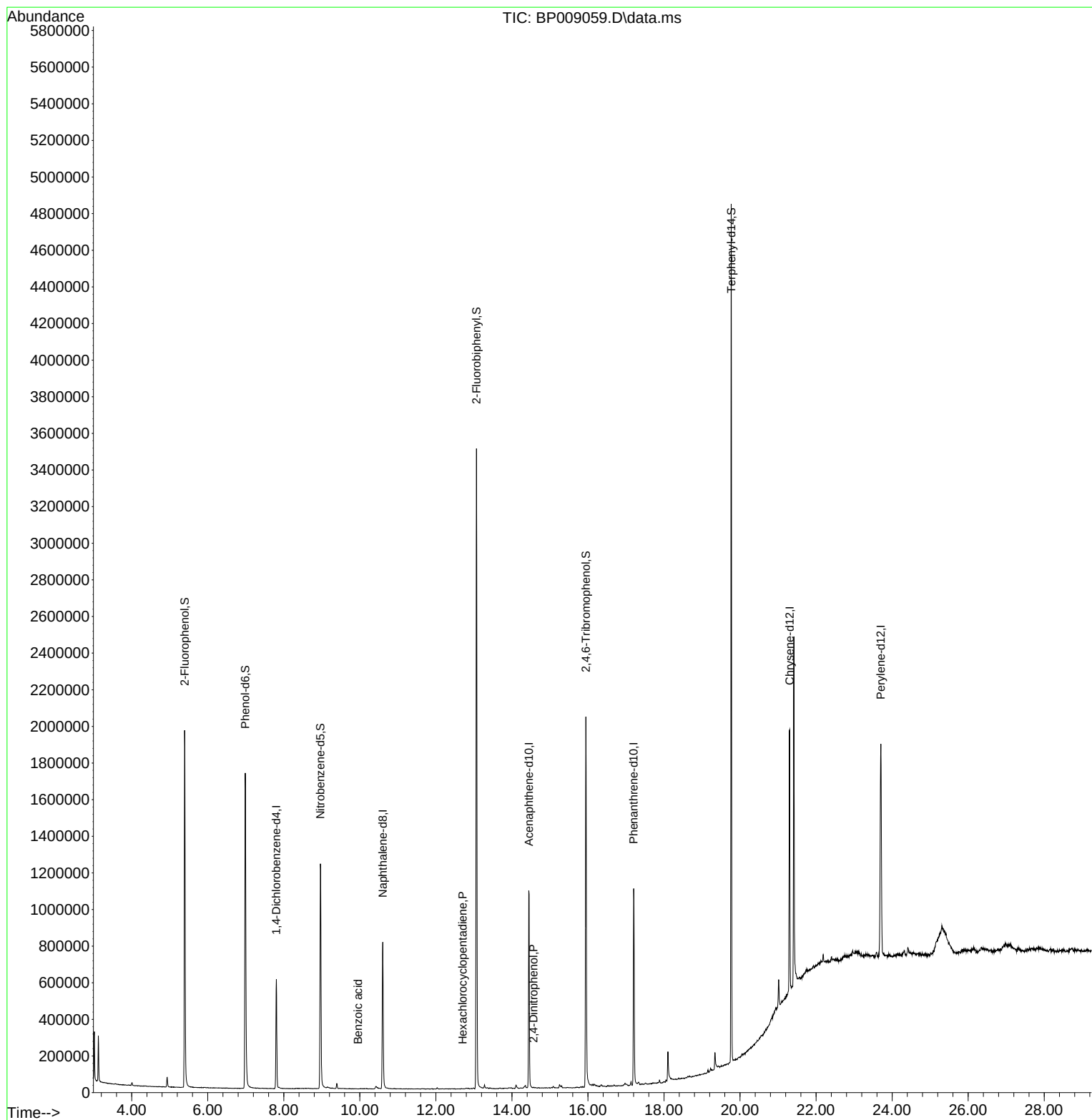
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	183392	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	745137	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	419285	20.000	ng	0.00
64) Phenanthrene-d10	17.204	188	746244	20.000	ng	0.00
76) Chrysene-d12	21.304	240	776584	20.000	ng	0.00
86) Perylene-d12	23.704	264	974183	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	953132	92.709	ng	0.00
7) Phenol-d6	6.987	99	1159807	85.614	ng	0.00
23) Nitrobenzene-d5	8.963	82	816180	61.770	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	460821	82.316	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1945362	64.951	ng	0.00
79) Terphenyl-d14	19.769	244	2201818	50.987	ng	0.00
Target Compounds						
32) Benzoic acid	9.951	122	25	2.692	ng	# 1
41) Hexachlorocyclopentadiene	12.704	237	23	8.660	ng	80
54) 2,4-Dinitrophenol	14.569	184	44	2.183	ng	# 1

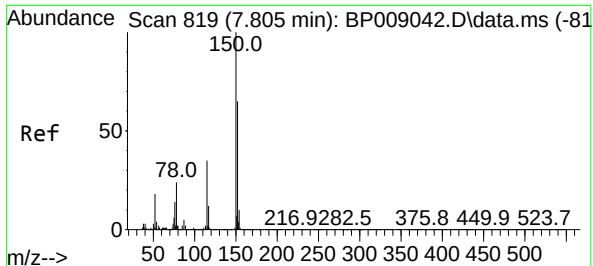
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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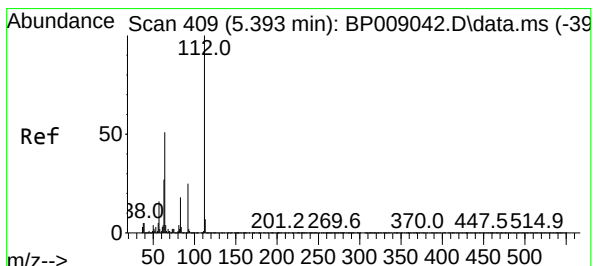
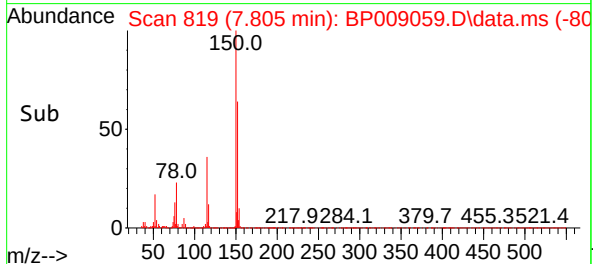
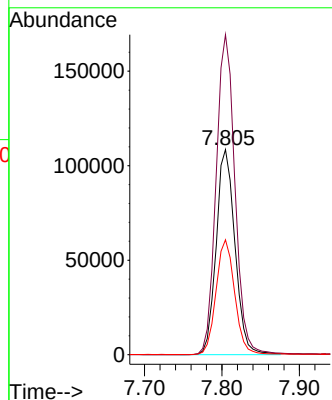
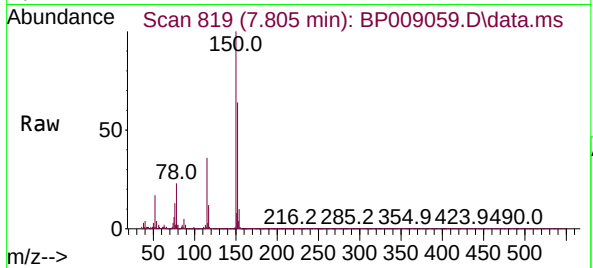




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.805 min Scan# 819
 Delta R.T. -0.000 min
 Lab File: BP009059.D
 Acq: 08 Feb 2022 15:31

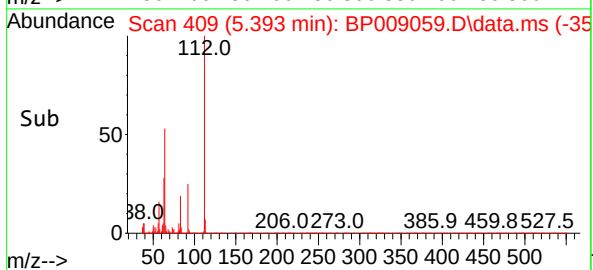
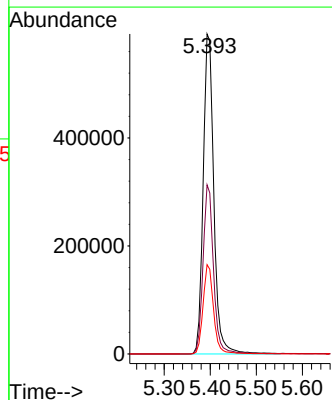
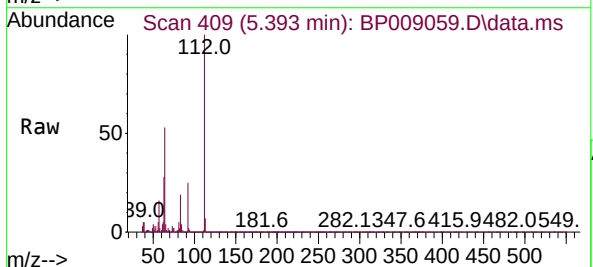
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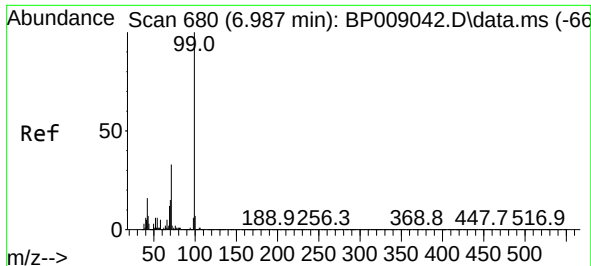
Tgt Ion:152 Resp: 183392
 Ion Ratio Lower Upper
 152 100
 150 156.0 127.0 190.6
 115 56.0 43.7 65.5



#5
 2-Fluorophenol
 Concen: 92.709 ng
 RT: 5.393 min Scan# 409
 Delta R.T. -0.000 min
 Lab File: BP009059.D
 Acq: 08 Feb 2022 15:31

Tgt Ion:112 Resp: 953132
 Ion Ratio Lower Upper
 112 100
 64 52.8 39.7 59.5
 63 27.9 20.0 30.0





#7

Phenol-d6

Concen: 85.614 ng

RT: 6.987 min Scan# 61

Delta R.T. -0.000 min

Lab File: BP009059.D

Acq: 08 Feb 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SB-3

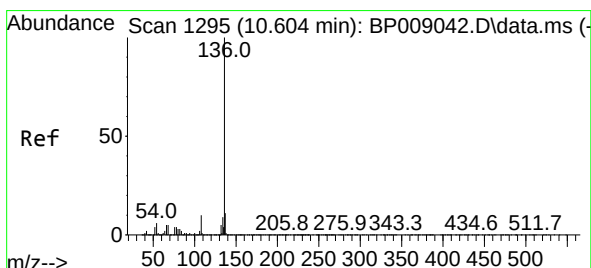
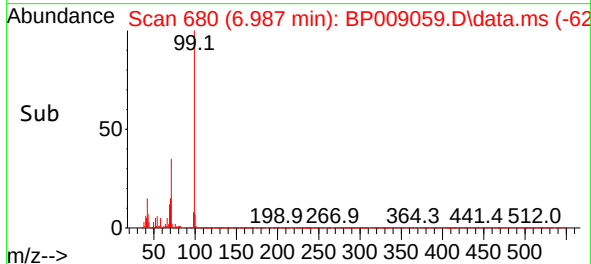
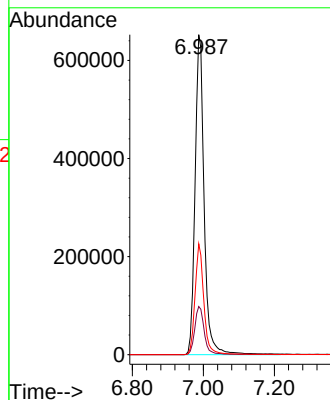
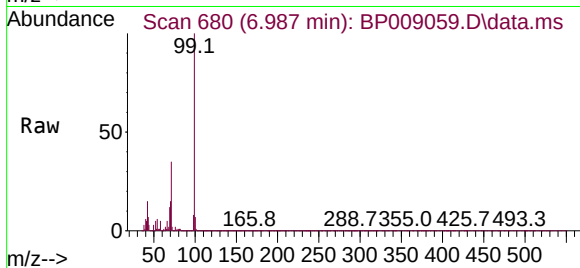
Tgt Ion: 99 Resp: 1159807

Ion Ratio Lower Upper

99 100

42 15.1 10.8 16.2

71 34.7 23.8 35.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.604 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BP009059.D

Acq: 08 Feb 2022 15:31

Tgt Ion:136 Resp: 745137

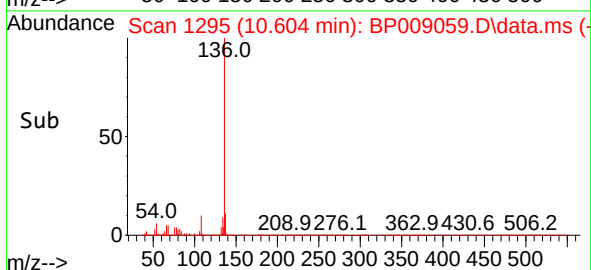
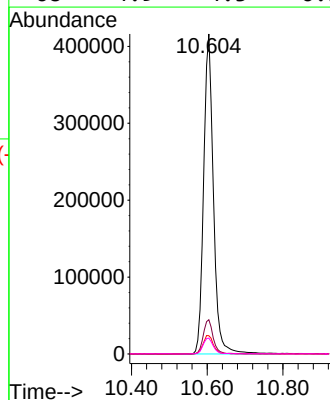
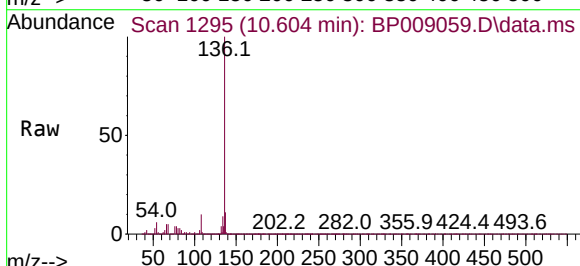
Ion Ratio Lower Upper

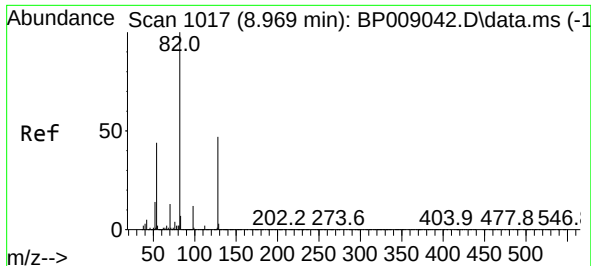
136 100

137 10.7 9.0 13.4

54 5.7 4.9 7.3

68 4.9 4.3 6.5

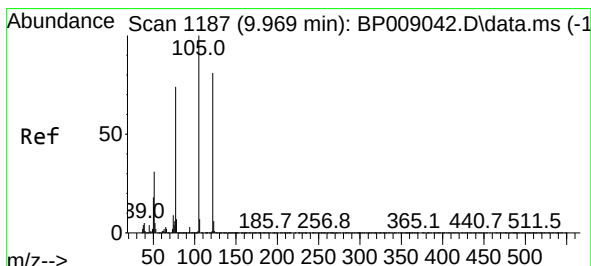
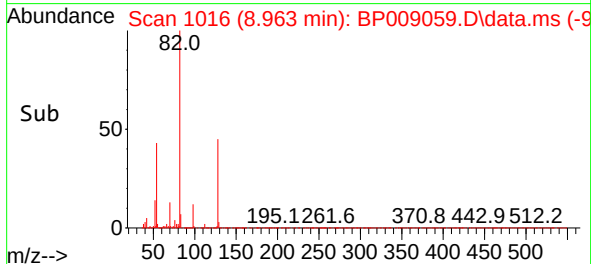
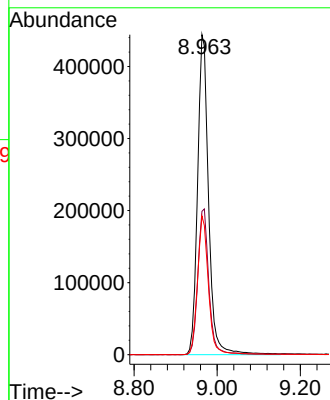
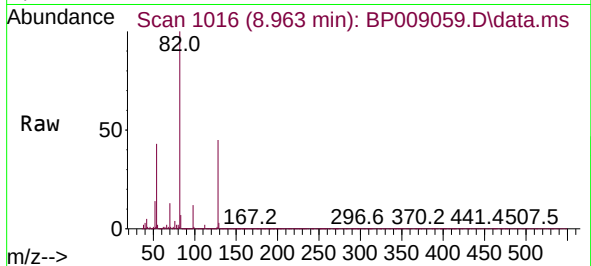




#23
Nitrobenzene-d5
Concen: 61.770 ng
RT: 8.963 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BP009059.D
Acq: 08 Feb 2022 15:31

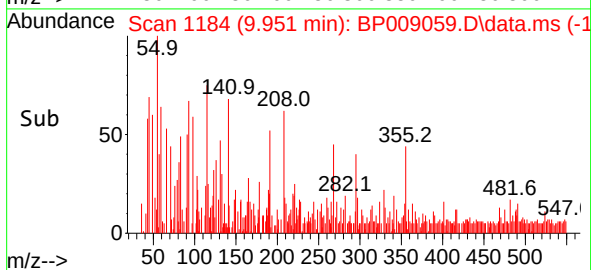
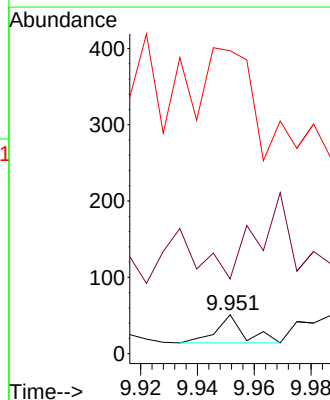
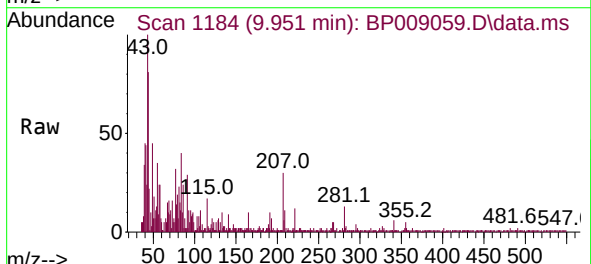
Instrument :
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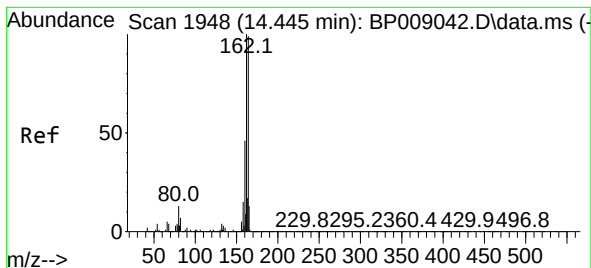
Tgt Ion: 82 Resp: 816180
Ion Ratio Lower Upper
82 100
128 44.8 39.4 59.2
54 43.3 32.6 48.8



#32
Benzoic acid
Concen: 2.692 ng
RT: 9.951 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BP009059.D
Acq: 08 Feb 2022 15:31

Tgt Ion: 122 Resp: 25
Ion Ratio Lower Upper
122 100
105 192.2 100.1 140.1#
77 778.4 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: BP009059.D

Acq: 08 Feb 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SB-3

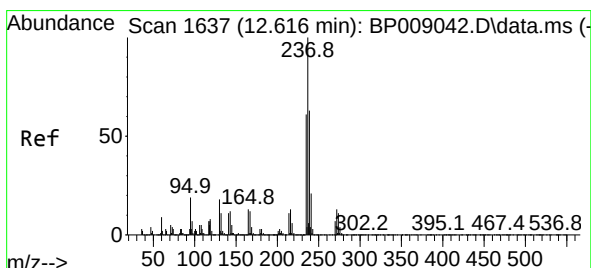
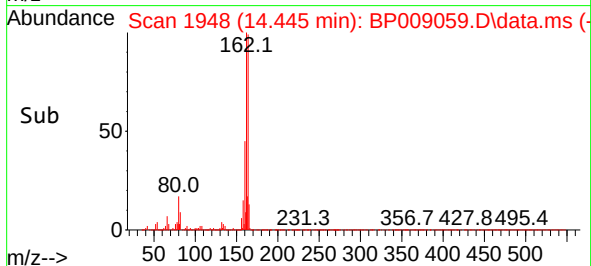
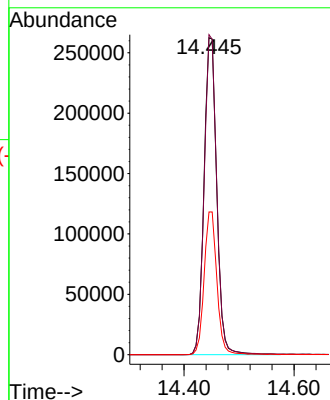
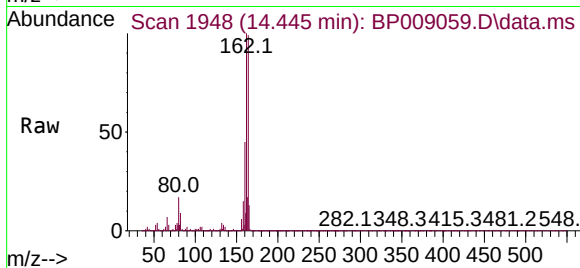
Tgt Ion:164 Resp: 419285

Ion Ratio Lower Upper

164 100

162 101.0 79.9 119.9

160 45.1 35.5 53.3



#41

Hexachlorocyclopentadiene

Concen: 8.660 ng

RT: 12.704 min Scan# 1652

Delta R.T. 0.088 min

Lab File: BP009059.D

Acq: 08 Feb 2022 15:31

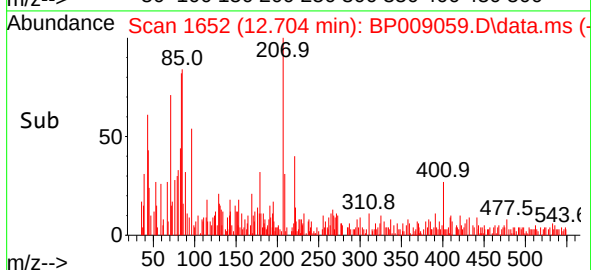
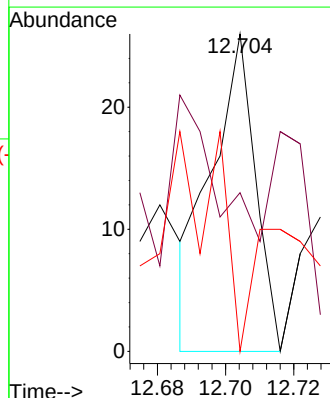
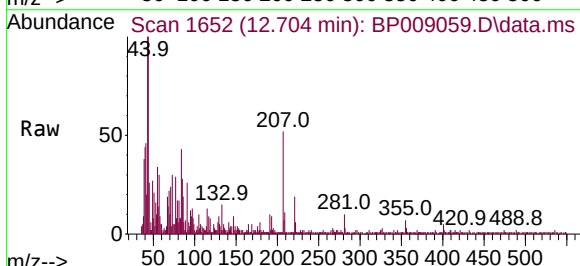
Tgt Ion:237 Resp: 23

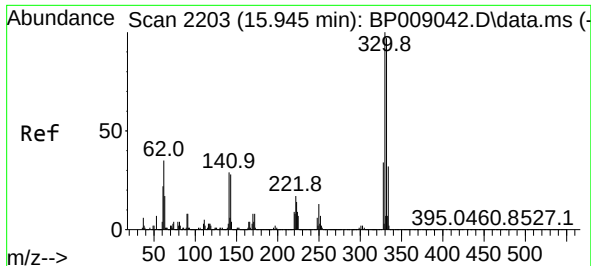
Ion Ratio Lower Upper

237 100

235 50.0 42.9 82.9

272 0.0 0.0 33.8

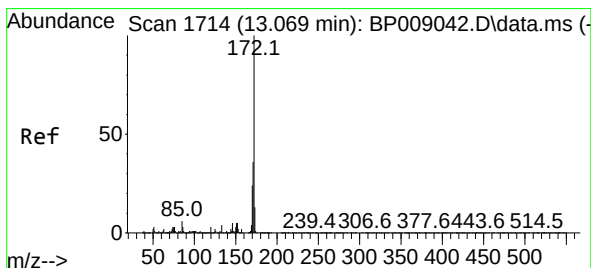
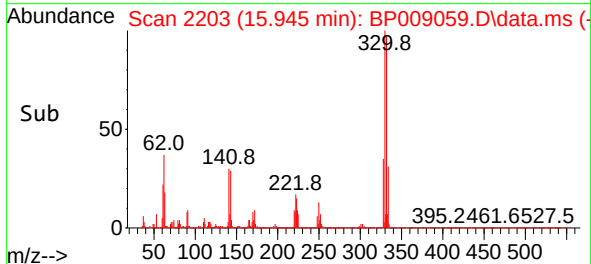
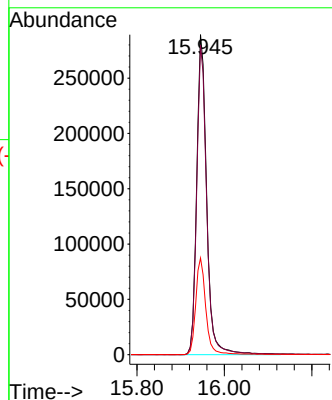
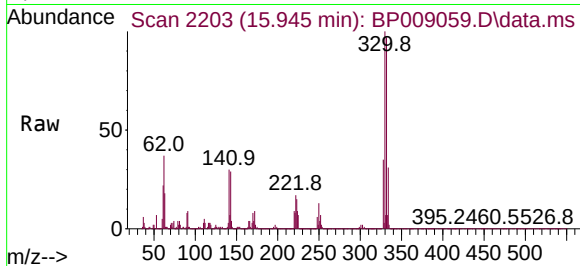




#42
2,4,6-Tribromophenol
Concen: 82.316 ng
RT: 15.945 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009059.D
Acq: 08 Feb 2022 15:31

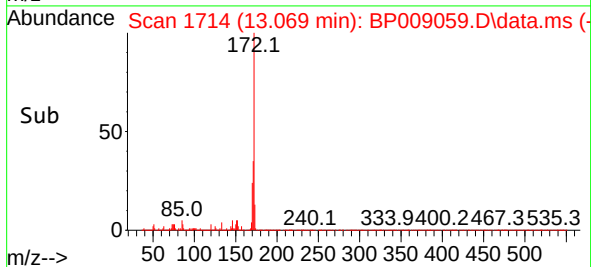
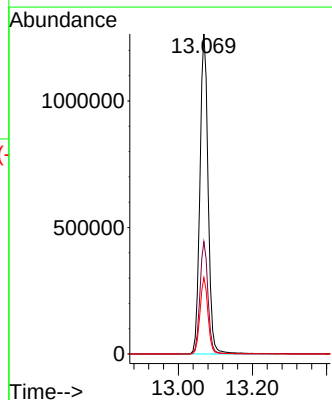
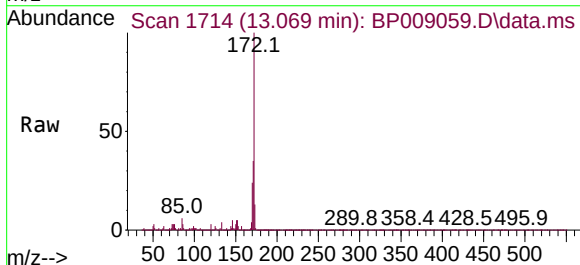
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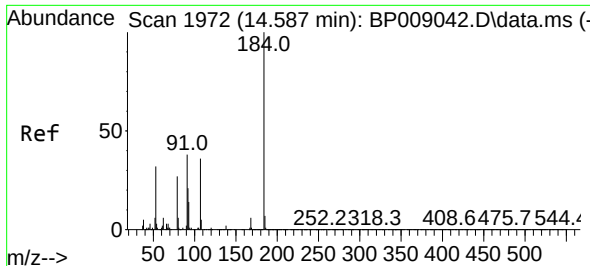
Tgt Ion:330 Resp: 460821
Ion Ratio Lower Upper
330 100
332 96.6 77.0 115.4
141 30.6 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 64.951 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP009059.D
Acq: 08 Feb 2022 15:31

Tgt Ion:172 Resp: 1945362
Ion Ratio Lower Upper
172 100
171 35.1 29.3 43.9
170 23.9 19.5 29.3

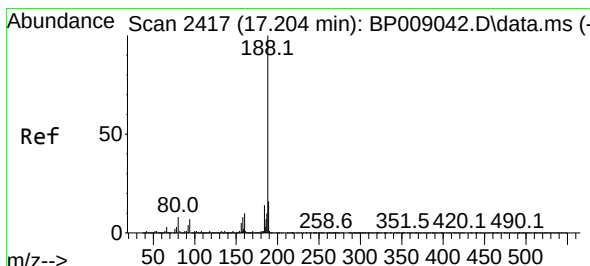
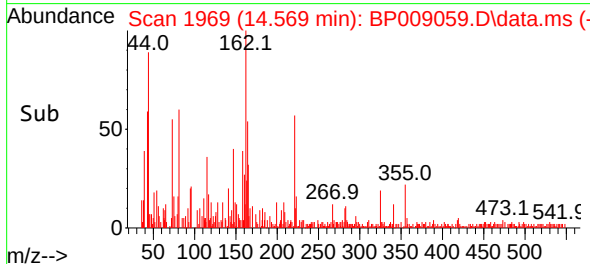
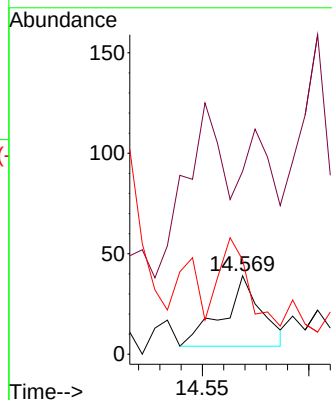
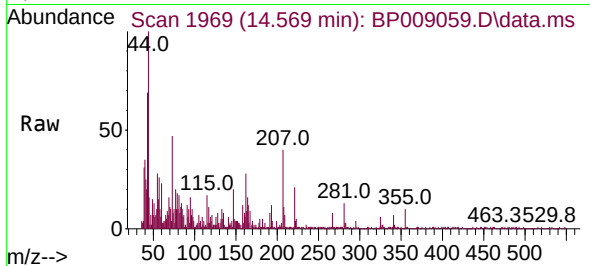




#54
2,4-Dinitrophenol
Concen: 2.183 ng
RT: 14.569 min Scan# 1969
Delta R.T. -0.018 min
Lab File: BP009059.D
Acq: 08 Feb 2022 15:31

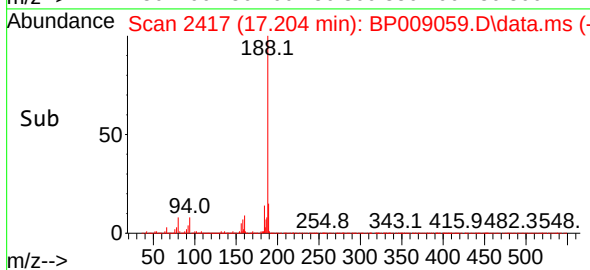
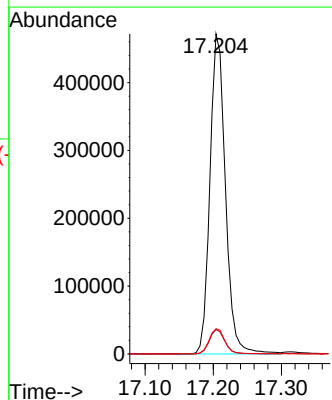
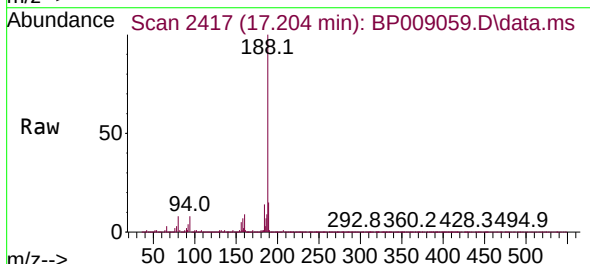
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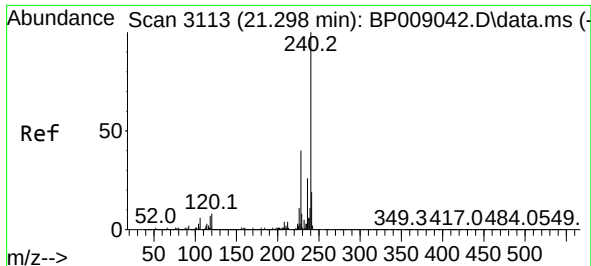
Tgt Ion:184 Resp: 44
Ion Ratio Lower Upper
184 100
63 233.3 35.6 53.4#
154 217.9 43.4 65.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.204 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009059.D
Acq: 08 Feb 2022 15:31

Tgt Ion:188 Resp: 746244
Ion Ratio Lower Upper
188 100
94 7.6 6.8 10.2
80 7.9 7.2 10.8

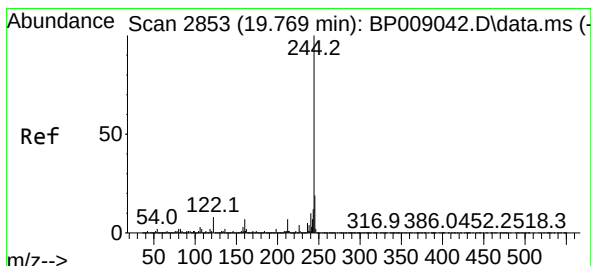
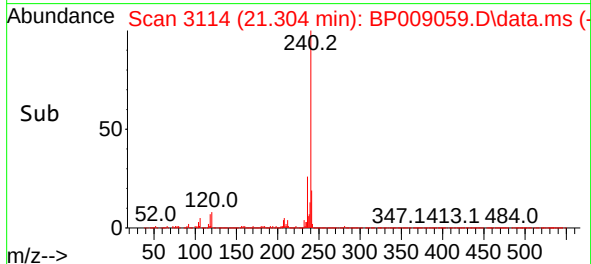
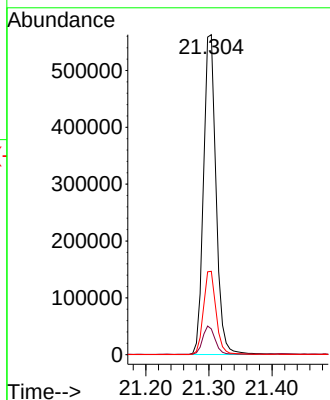
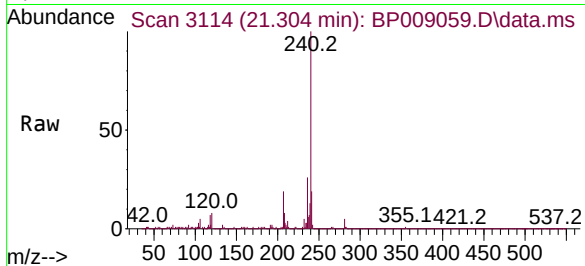




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.304 min Scan# 3113
Delta R.T. 0.006 min
Lab File: BP009059.D
Acq: 08 Feb 2022 15:31

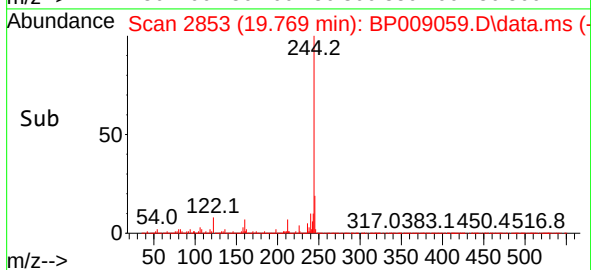
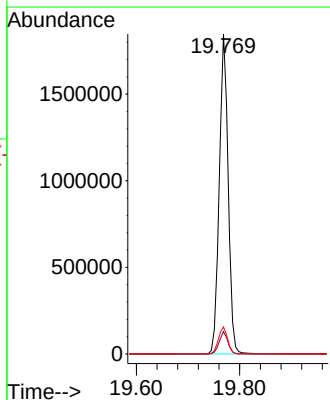
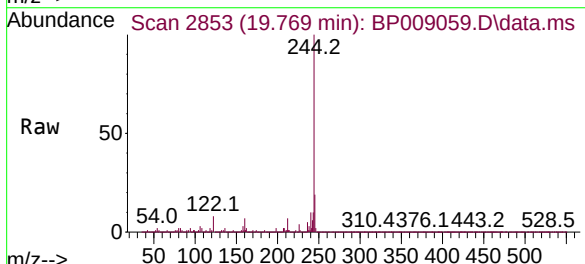
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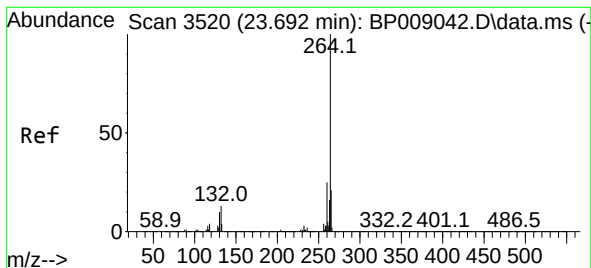
Tgt Ion:240 Resp: 776584
Ion Ratio Lower Upper
240 100
120 8.0 7.7 11.5
236 26.0 21.2 31.8



#79
Terphenyl-d14
Concen: 50.987 ng
RT: 19.769 min Scan# 2853
Delta R.T. -0.000 min
Lab File: BP009059.D
Acq: 08 Feb 2022 15:31

Tgt Ion:244 Resp: 2201818
Ion Ratio Lower Upper
244 100
212 7.0 6.5 9.7
122 8.5 9.2 13.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP009059.D

Acq: 08 Feb 2022 15:31

Instrument :

BNA_P

ClientSampleId :

SB-3

Tgt Ion:264 Resp: 974183

Ion Ratio Lower Upper

264 100

260 25.8 19.1 28.7

265 22.6 17.1 25.7

