

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082622\
 Data File : BP011589.D
 Acq On : 26 Aug 2022 20:58
 Operator : CG/JU
 Sample : N4355-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-43

Quant Time: Aug 27 01:19:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP082622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Aug 27 00:36:07 2022
 Response via : Initial Calibration

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

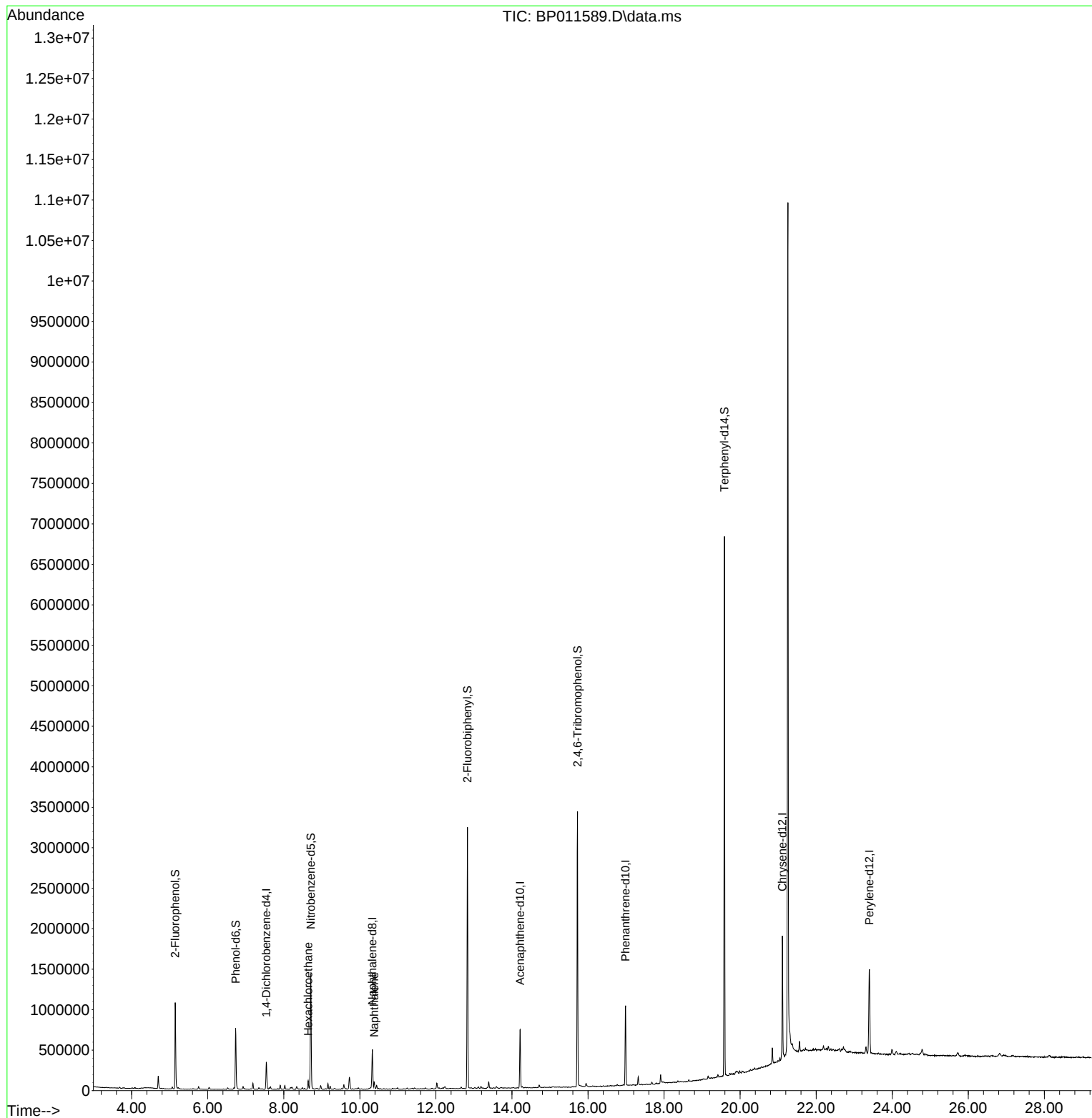
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.540	152	79126	20.000	ng	0.00
21) Naphthalene-d8	10.328	136	358734	20.000	ng	# 0.00
39) Acenaphthene-d10	14.216	164	228641	20.000	ng	0.00
64) Phenanthrene-d10	16.987	188	528412	20.000	ng	0.00
76) Chrysene-d12	21.110	240	627605	20.000	ng	-0.01
86) Perylene-d12	23.398	264	720837	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.146	112	415453	86.106	ng	0.00
7) Phenol-d6	6.734	99	370164	57.511	ng	0.00
23) Nitrobenzene-d5	8.711	82	682050	88.895	ng	0.00
42) 2,4,6-Tribromophenol	15.722	330	517521	176.723	ng	0.00
45) 2-Fluorobiphenyl	12.828	172	1413414	92.979	ng	0.00
79) Terphenyl-d14	19.586	244	2615384	80.892	ng	0.00
Target Compounds						
18) Hexachloroethane	8.640	117	13398	5.391	ng	# 1
31) Naphthalene	10.375	128	41625	2.102	ng	# 93

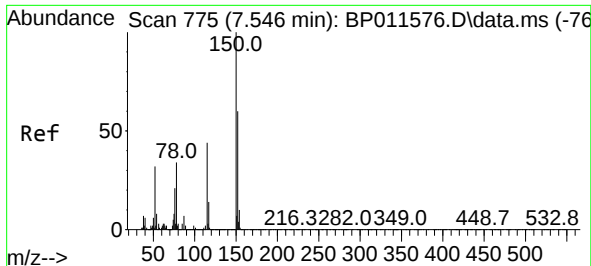
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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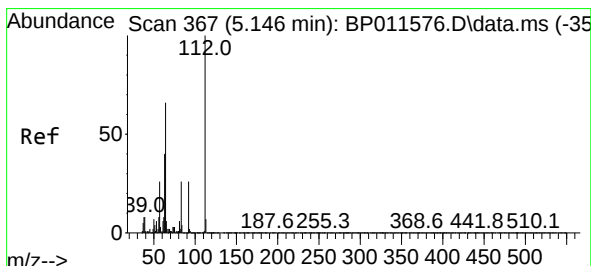
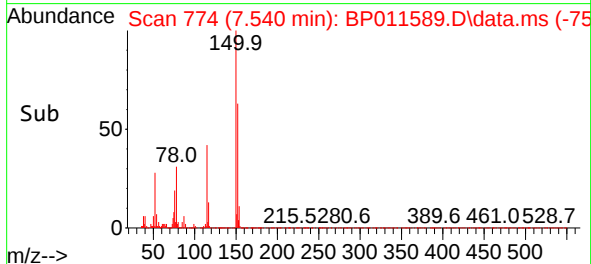
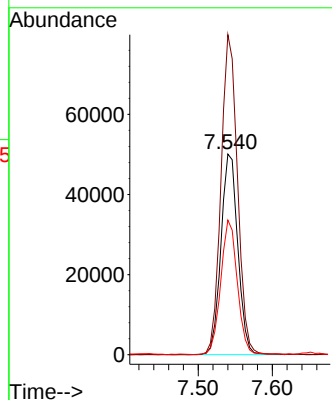
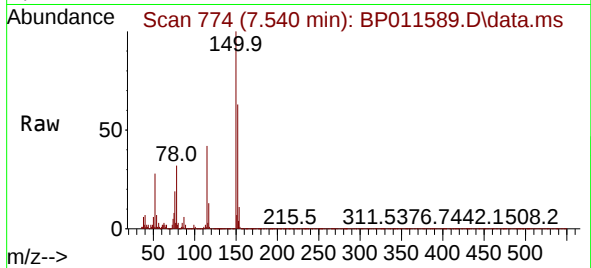




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.540 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP011589.D
Acq: 26 Aug 2022 20:58

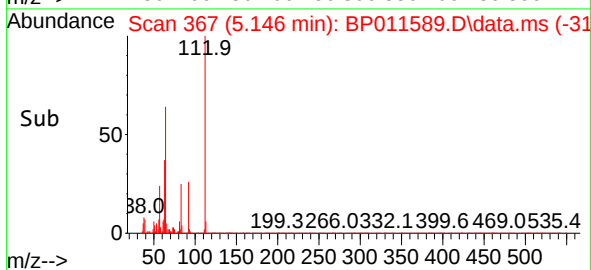
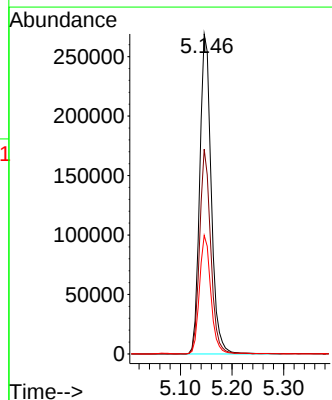
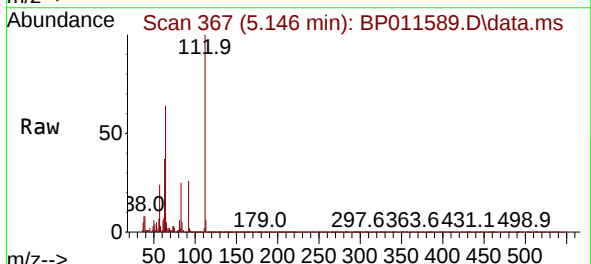
Instrument :
BNA_P
ClientSampleId :
MW-43

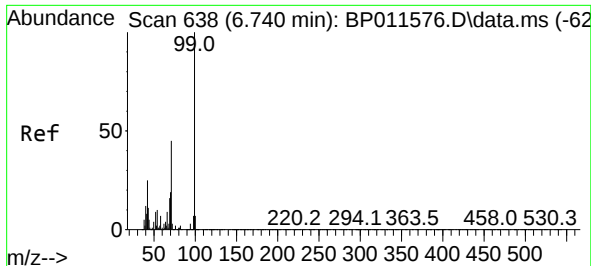
Tgt Ion:152 Resp: 79126
Ion Ratio Lower Upper
152 100
150 159.5 123.4 185.2
115 67.1 51.3 76.9



#5
2-Fluorophenol
Concen: 86.106 ng
RT: 5.146 min Scan# 367
Delta R.T. 0.000 min
Lab File: BP011589.D
Acq: 26 Aug 2022 20:58

Tgt Ion:112 Resp: 415453
Ion Ratio Lower Upper
112 100
64 64.0 56.9 85.3
63 37.0 31.2 46.8





#7

Phenol-d6

Concen: 57.511 ng

RT: 6.734 min Scan# 61

Delta R.T. -0.006 min

Lab File: BP011589.D

Acq: 26 Aug 2022 20:58

Instrument :

BNA_P

ClientSampleId :

MW-43

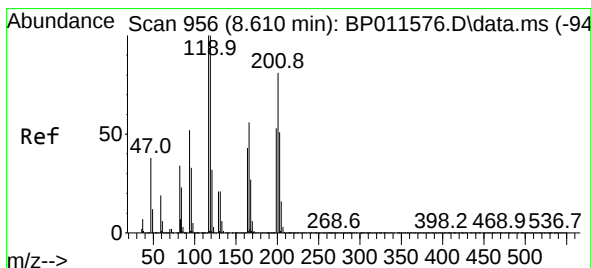
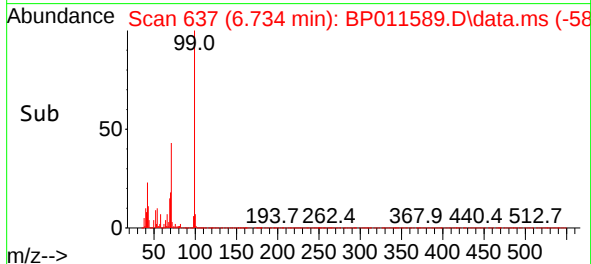
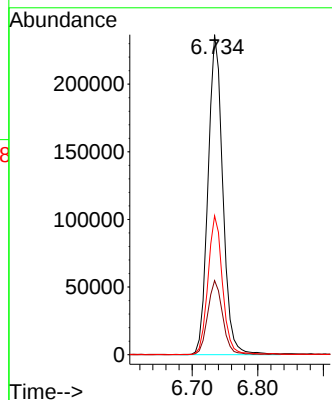
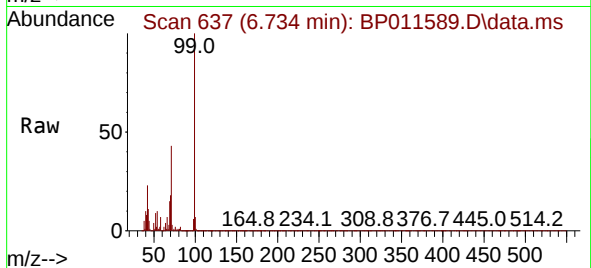
Tgt Ion: 99 Resp: 370164

Ion Ratio Lower Upper

99 100

42 23.2 20.3 30.5

71 43.4 33.9 50.9



#18

Hexachloroethane

Concen: 5.391 ng

RT: 8.640 min Scan# 961

Delta R.T. 0.030 min

Lab File: BP011589.D

Acq: 26 Aug 2022 20:58

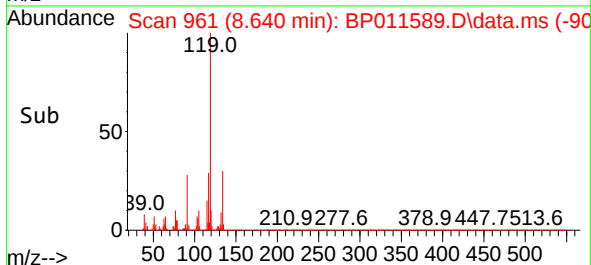
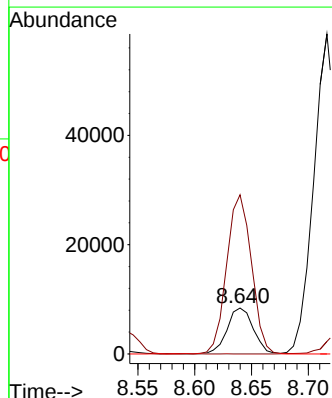
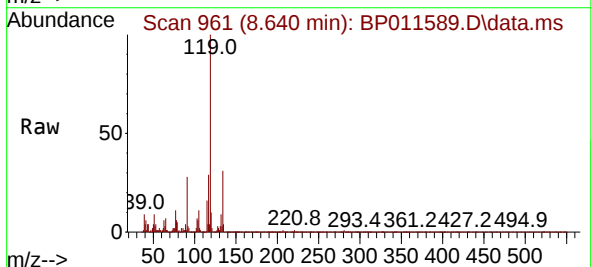
Tgt Ion: 117 Resp: 13398

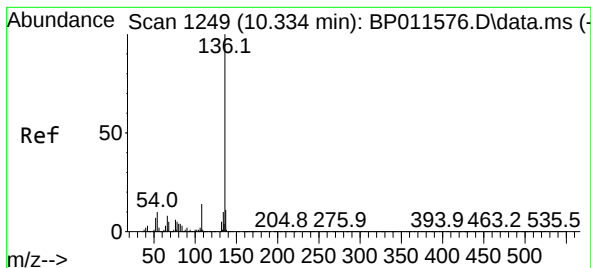
Ion Ratio Lower Upper

117 100

119 347.1 75.6 113.4#

201 0.2 80.9 121.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.328 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011589.D

Acq: 26 Aug 2022 20:58

Instrument :

BNA_P

ClientSampleId :

MW-43

Tgt Ion:136 Resp: 358734

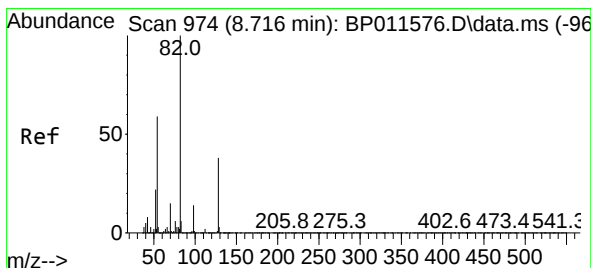
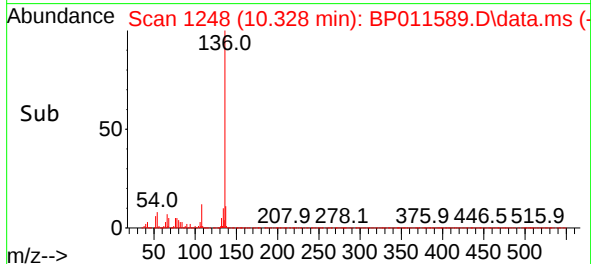
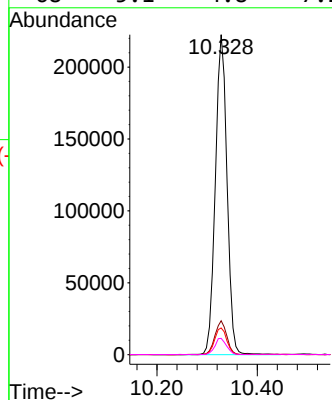
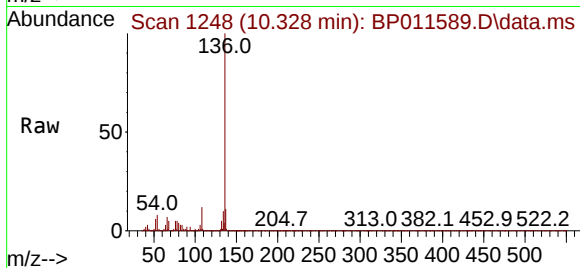
Ion Ratio Lower Upper

136 100

137 10.6 9.0 13.4

54 8.4 8.7 13.1#

68 5.1 4.8 7.2



#23

Nitrobenzene-d5

Concen: 88.895 ng

RT: 8.711 min Scan# 973

Delta R.T. -0.006 min

Lab File: BP011589.D

Acq: 26 Aug 2022 20:58

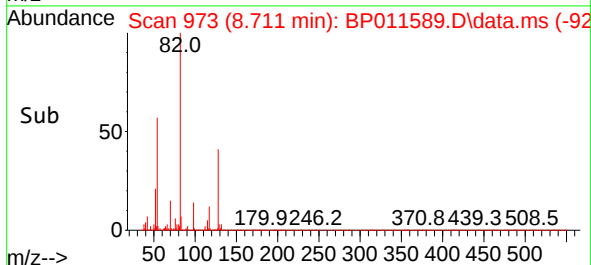
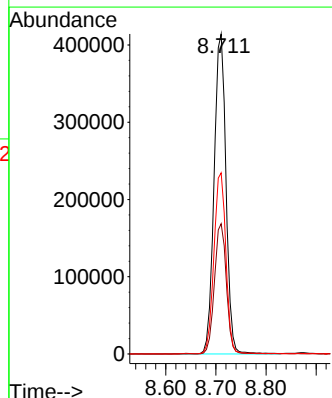
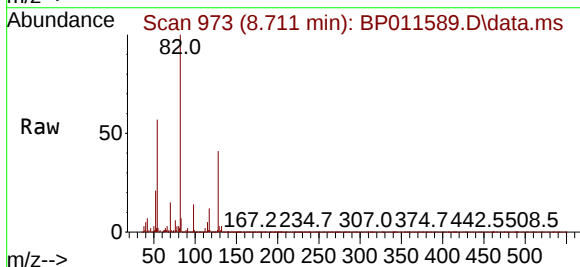
Tgt Ion: 82 Resp: 682050

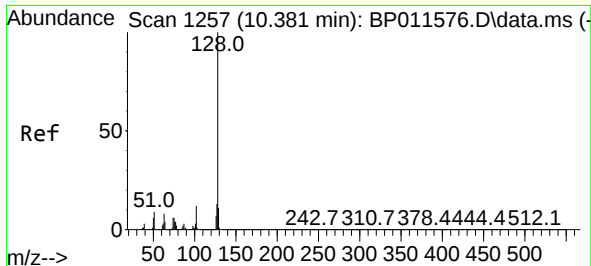
Ion Ratio Lower Upper

82 100

128 40.7 31.3 46.9

54 56.6 49.8 74.8

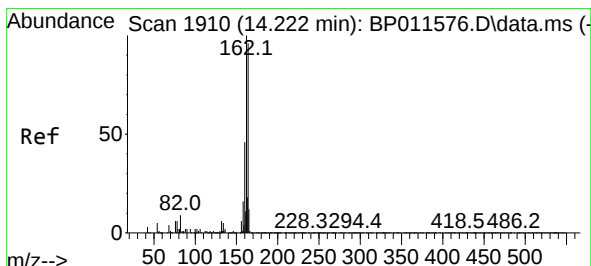
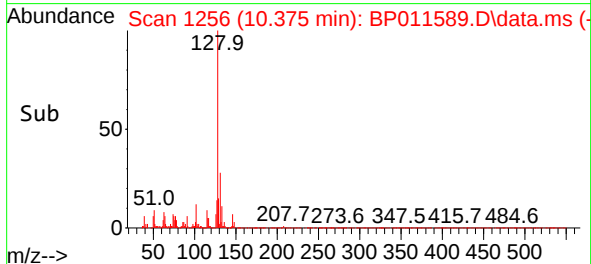
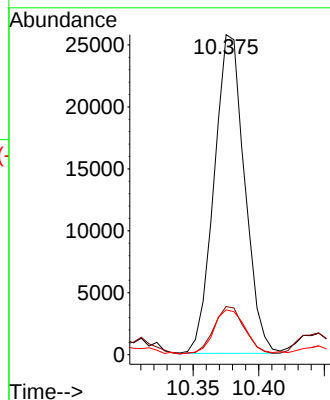
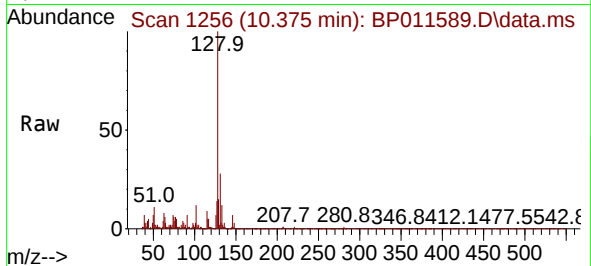




#31
Naphthalene
Concen: 2.102 ng
RT: 10.375 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP011589.D
Acq: 26 Aug 2022 20:58

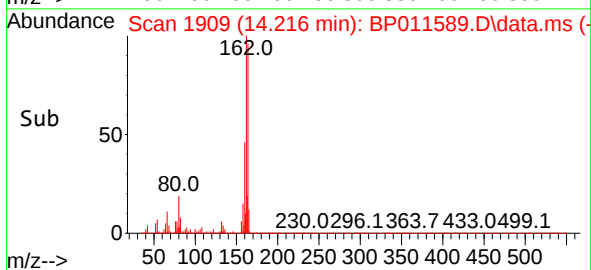
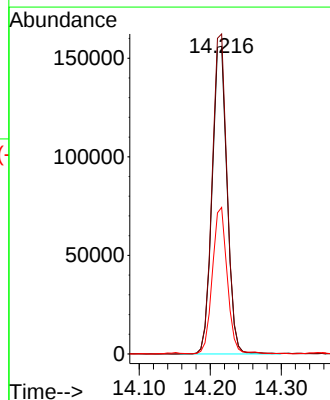
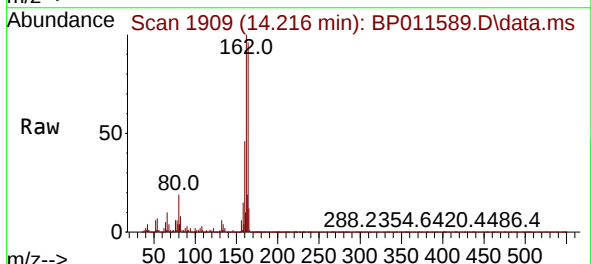
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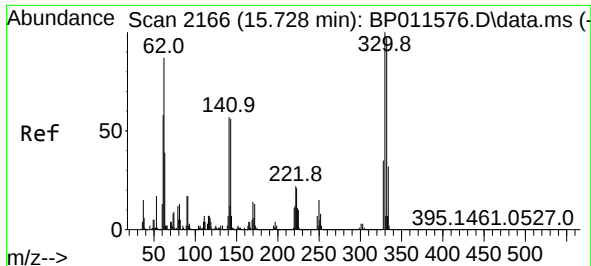
Tgt Ion:128 Resp: 41625
Ion Ratio Lower Upper
128 100
129 15.0 8.6 12.8#
127 14.0 10.3 15.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.216 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BP011589.D
Acq: 26 Aug 2022 20:58

Tgt Ion:164 Resp: 228641
Ion Ratio Lower Upper
164 100
162 104.0 81.9 122.9
160 47.6 34.6 51.8

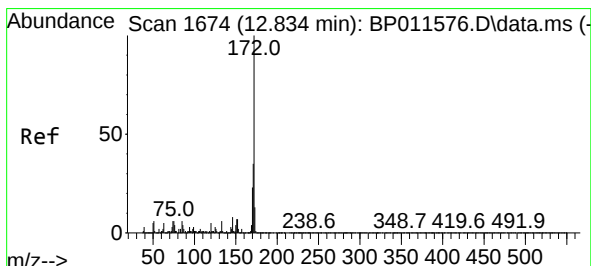
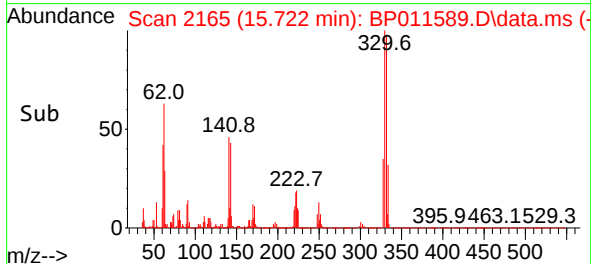
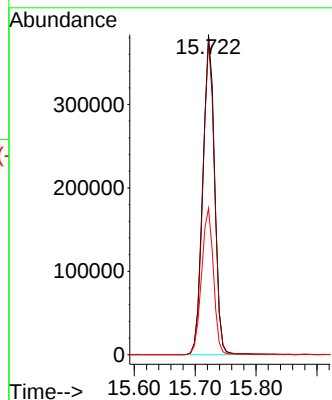
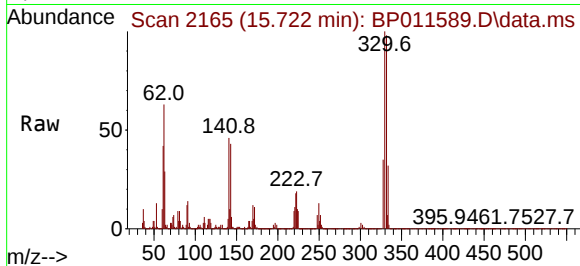




#42
2,4,6-Tribromophenol
Concen: 176.723 ng
RT: 15.722 min Scan# 2166
Delta R.T. -0.006 min
Lab File: BP011589.D
Acq: 26 Aug 2022 20:58

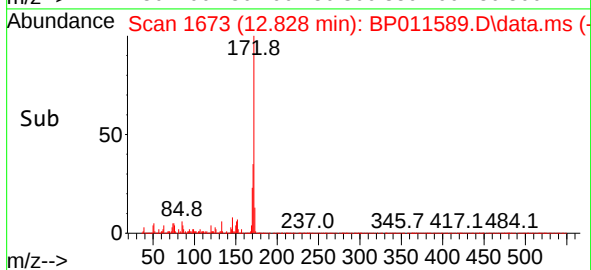
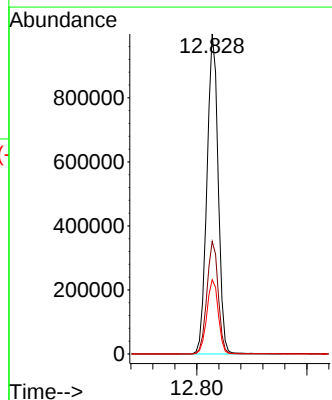
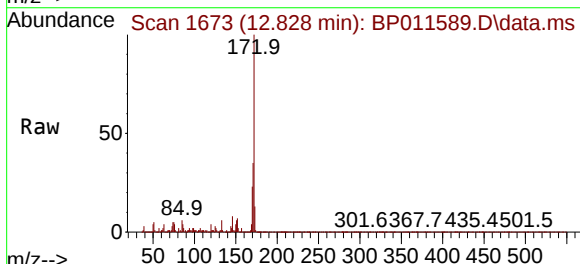
Instrument :
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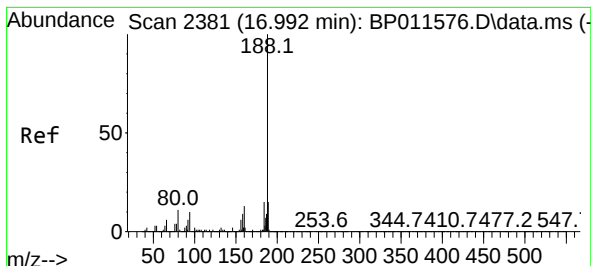
Tgt Ion:330 Resp: 517521
Ion Ratio Lower Upper
330 100
332 97.4 78.1 117.1
141 45.9 31.4 47.2



#45
2-Fluorobiphenyl
Concen: 92.979 ng
RT: 12.828 min Scan# 1673
Delta R.T. -0.006 min
Lab File: BP011589.D
Acq: 26 Aug 2022 20:58

Tgt Ion:172 Resp: 1413414
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.2 18.2 27.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.987 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP011589.D

Acq: 26 Aug 2022 20:58

Instrument :

BNA_P

ClientSampleId :

MW-43

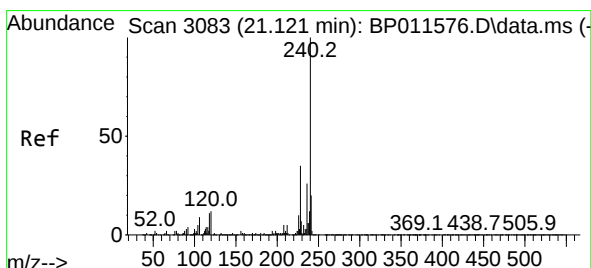
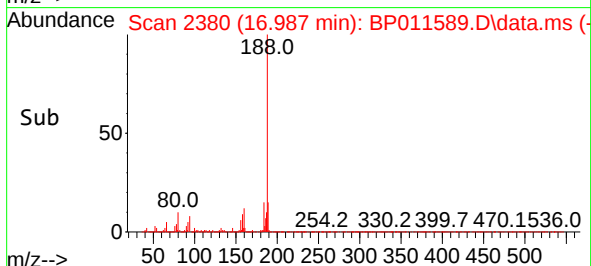
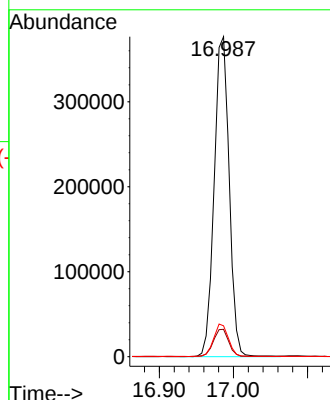
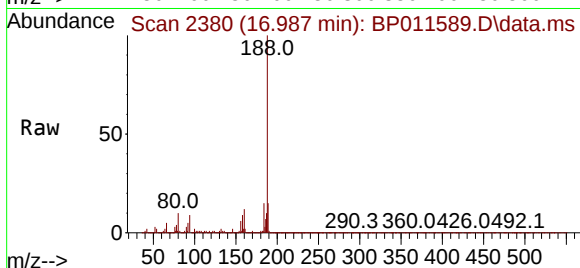
Tgt Ion:188 Resp: 528412

Ion Ratio Lower Upper

188 100

94 8.6 6.6 10.0

80 9.7 8.0 12.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.110 min Scan# 3081

Delta R.T. -0.012 min

Lab File: BP011589.D

Acq: 26 Aug 2022 20:58

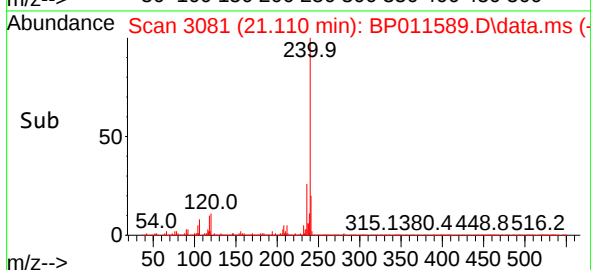
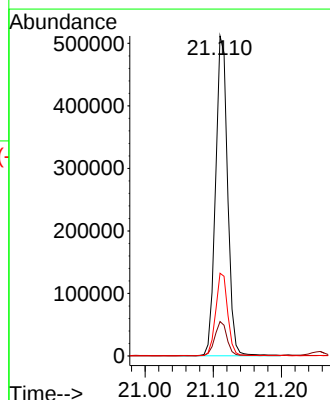
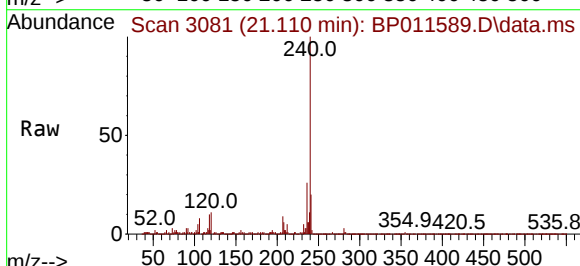
Tgt Ion:240 Resp: 627605

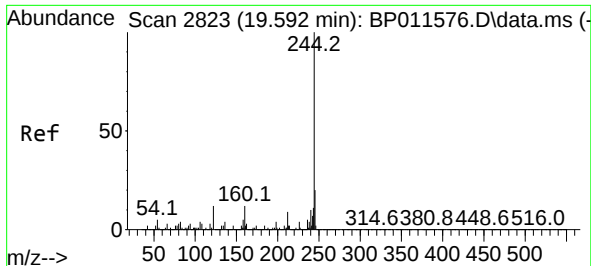
Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

236 25.9 19.8 29.6

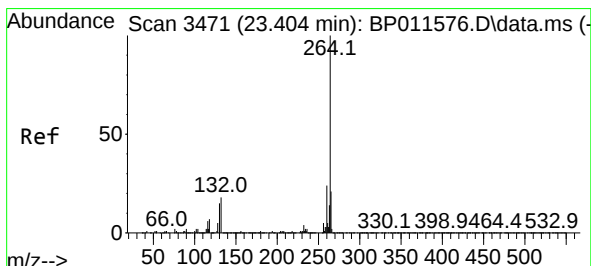
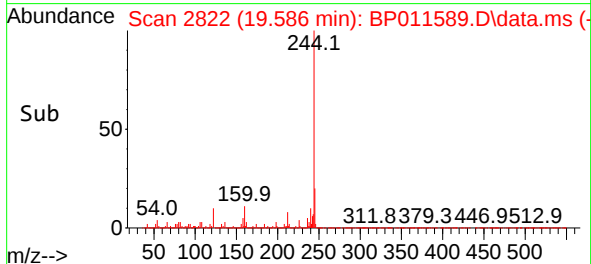
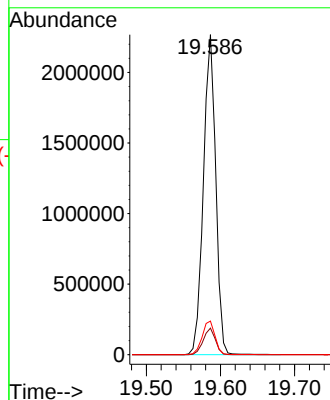
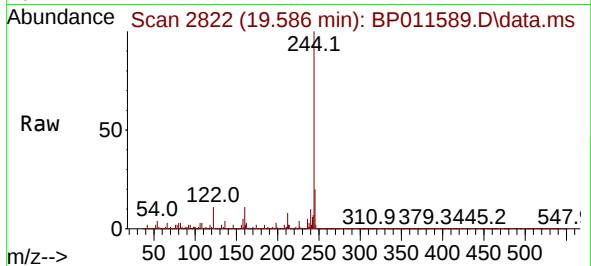




#79
 Terphenyl-d14
 Concen: 80.892 ng
 RT: 19.586 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP011589.D
 Acq: 26 Aug 2022 20:58

Instrument :
 BNA_P
 ClientSampleId :
 MW-43

Tgt Ion:244 Resp: 2615384
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.8 8.8
 122 10.5 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.398 min Scan# 3470
 Delta R.T. -0.006 min
 Lab File: BP011589.D
 Acq: 26 Aug 2022 20:58

Tgt Ion:264 Resp: 720837
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 22.4 18.0 27.0

