

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061522\
 Data File : BP010736.D
 Acq On : 15 Jun 2022 18:57
 Operator : CG/JU
 Sample : N3354-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-48

Quant Time: Jun 16 02:21:09 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 00:00:39 2022
 Response via : Initial Calibration

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

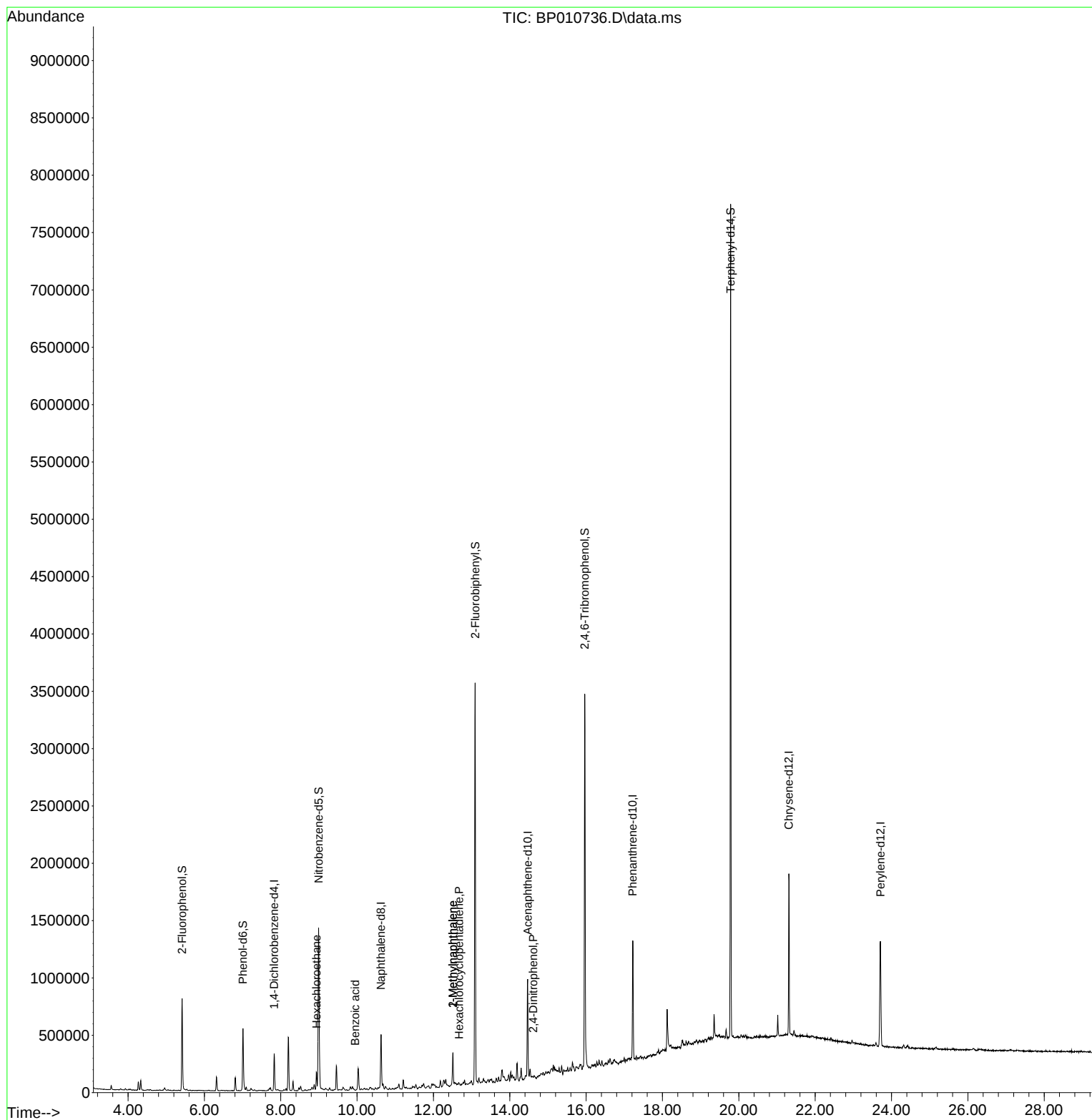
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	80726	20.000	ng	0.00
21) Naphthalene-d8	10.628	136	360348	20.000	ng	0.00
39) Acenaphthene-d10	14.469	164	267208	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	608588	20.000	ng	0.00
76) Chrysene-d12	21.310	240	666454	20.000	ng	# 0.00
86) Perylene-d12	23.710	264	709108	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	301488	64.457	ng	0.00
7) Phenol-d6	7.011	99	280776	43.894	ng	0.00
23) Nitrobenzene-d5	8.993	82	754294	98.576	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	585733	160.971	ng	0.00
45) 2-Fluorobiphenyl	13.093	172	1725493	92.895	ng	0.00
79) Terphenyl-d14	19.786	244	3242196	90.967	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.940	117	20591	8.919	ng	# 1
32) Benzoic acid	9.946	122	266	6.141	ng	95
37) 2-Methylnaphthalene	12.510	142	113838	8.491	ng	90
38) 1-Methylnaphthalene	12.510	142	114594	8.686	ng	# 91
41) Hexachlorocyclopentadiene	12.675	237	22	6.199	ng	75
54) 2,4-Dinitrophenol	14.616	184	86	5.343	ng	# 1

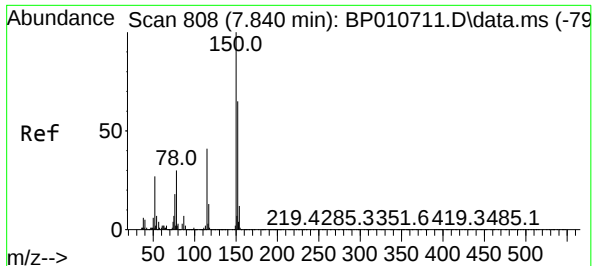
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 00:00:39 2022
Response via : Initial Calibration

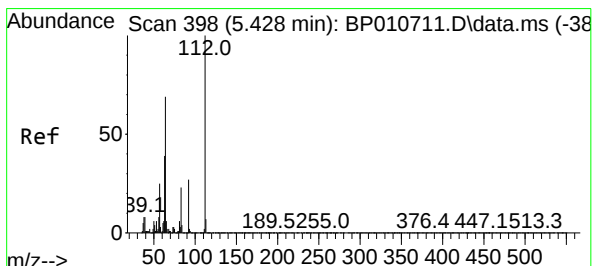
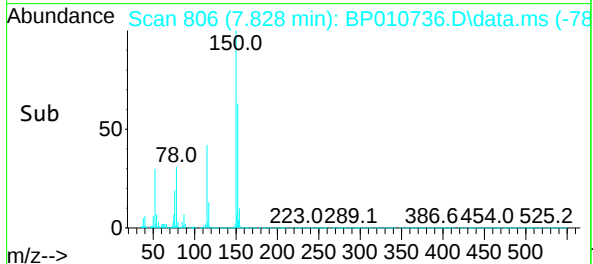
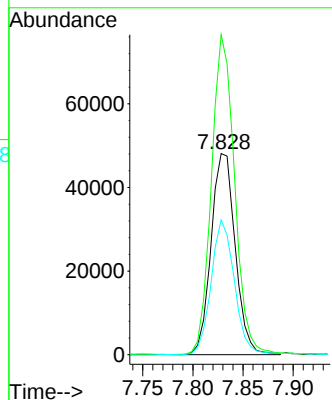
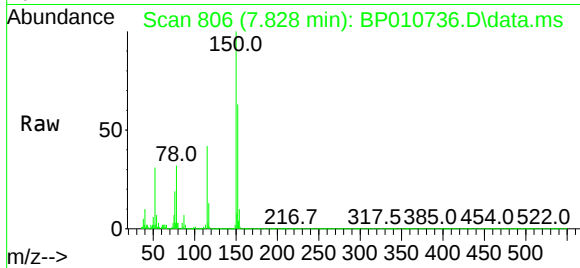




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.828 min Scan# 80
Delta R.T. 0.000 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

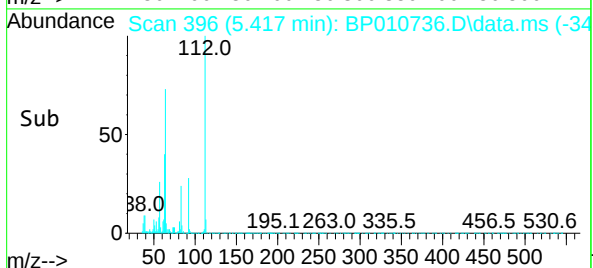
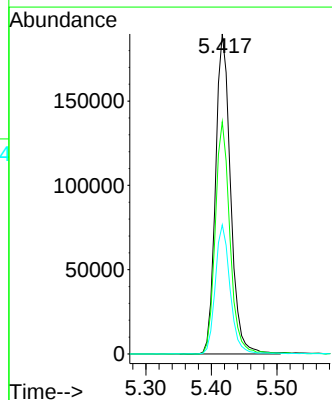
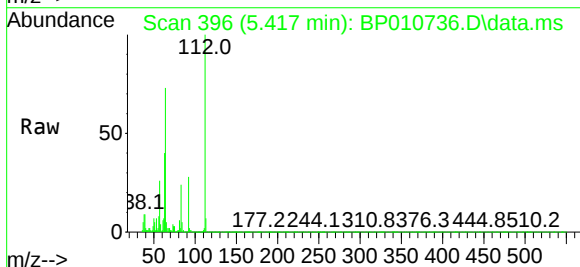
Instrument :
BNA_P
ClientSampleId :
MW-48

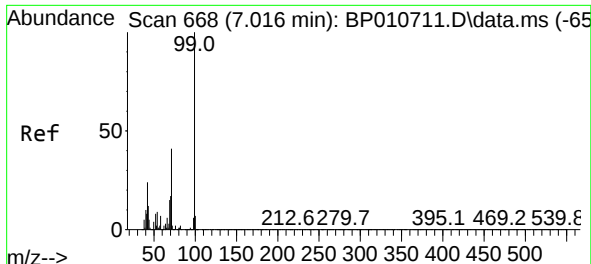
Tgt Ion:152 Resp: 80726
Ion Ratio Lower Upper
152 100
150 159.1 123.4 185.2
115 67.0 51.3 76.9



#5
2-Fluorophenol
Concen: 64.457 ng
RT: 5.417 min Scan# 396
Delta R.T. 0.000 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

Tgt Ion:112 Resp: 301488
Ion Ratio Lower Upper
112 100
64 72.6 56.9 85.3
63 40.4 31.2 46.8

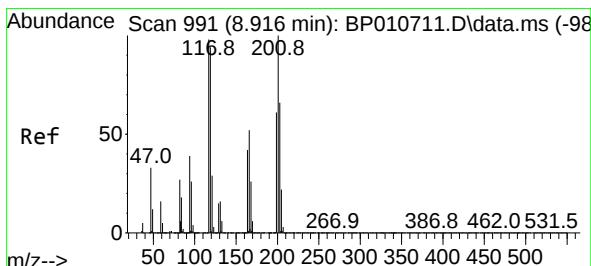
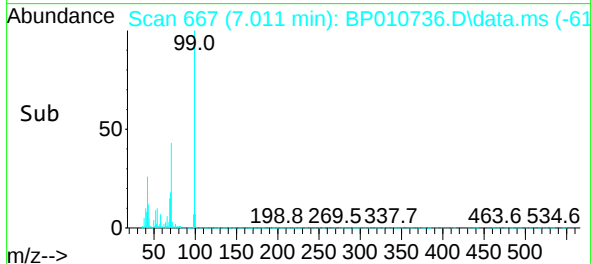
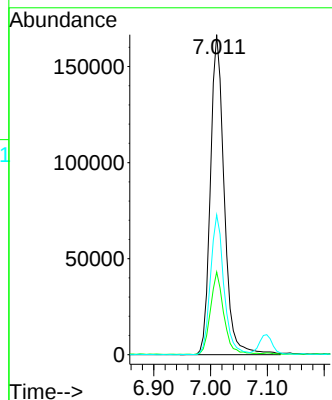
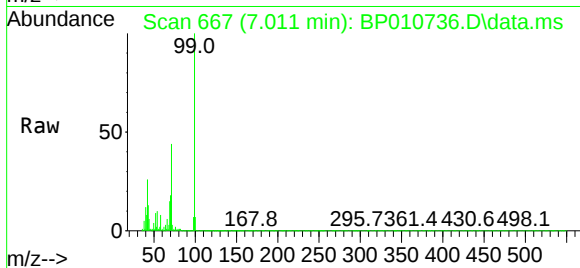




#7
Phenol-d6
Concen: 43.894 ng
RT: 7.011 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

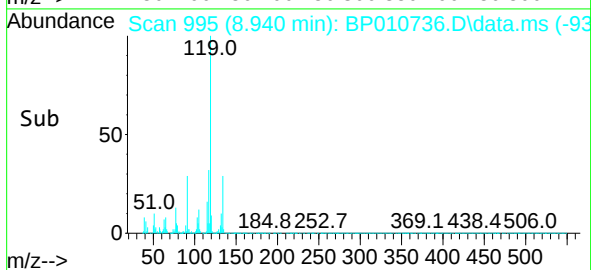
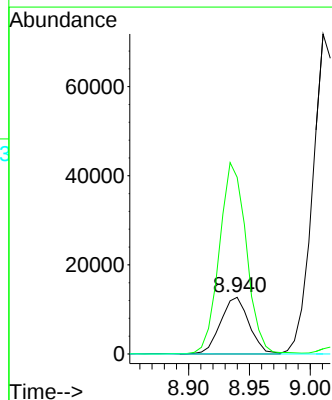
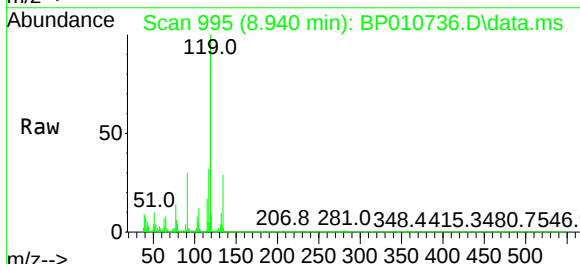
Instrument :
BNA_P
ClientSampleId :
MW-48

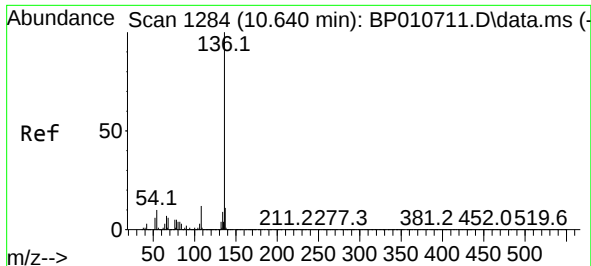
Tgt Ion: 99 Resp: 280776
Ion Ratio Lower Upper
99 100
42 25.8 20.3 30.5
71 43.7 33.9 50.9



#18
Hexachloroethane
Concen: 8.919 ng
RT: 8.940 min Scan# 995
Delta R.T. 0.035 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

Tgt Ion: 117 Resp: 20591
Ion Ratio Lower Upper
117 100
119 311.6 75.6 113.4#
201 0.0 80.9 121.3#

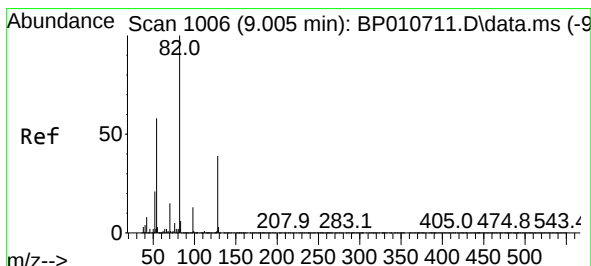
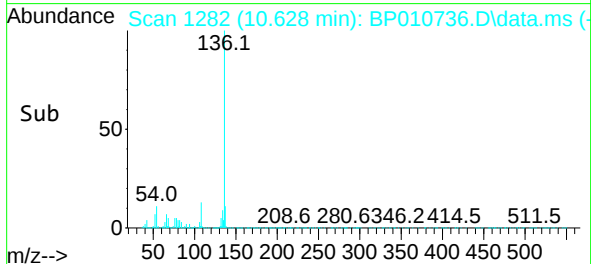
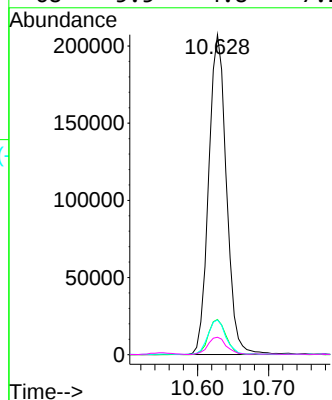
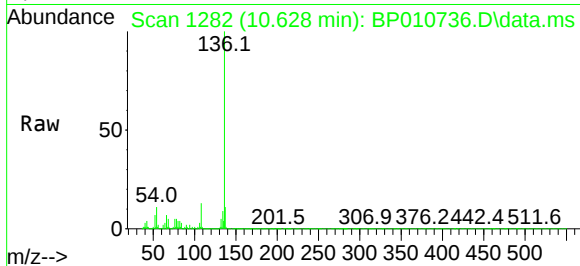




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.628 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

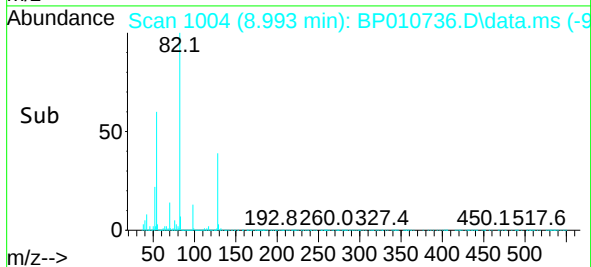
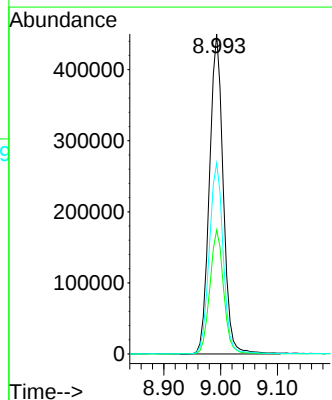
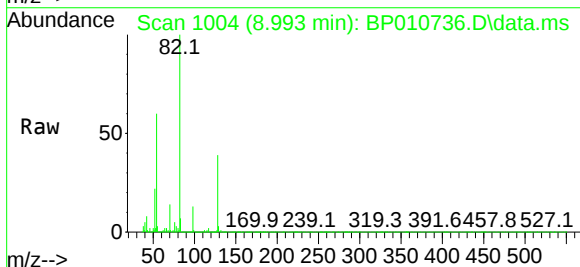
Instrument :
BNA_P
ClientSampleId :
MW-48

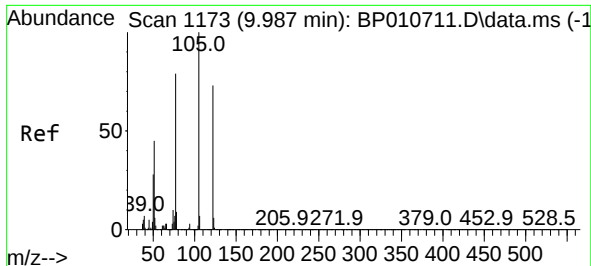
Tgt Ion:	136	Resp:	360348
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	10.8	8.7	13.1
68	5.5	4.8	7.2



#23
Nitrobenzene-d5
Concen: 98.576 ng
RT: 8.993 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

Tgt Ion:	82	Resp:	754294
Ion	Ratio	Lower	Upper
82	100		
128	38.7	31.3	46.9
54	59.6	49.8	74.8

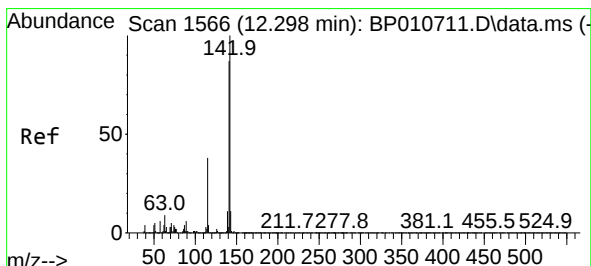
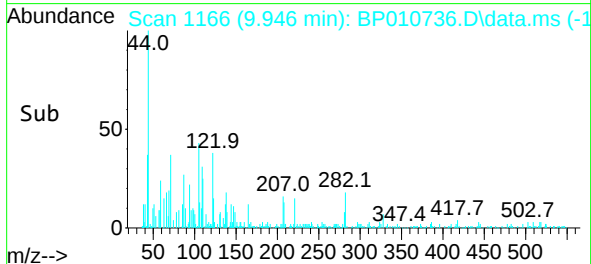
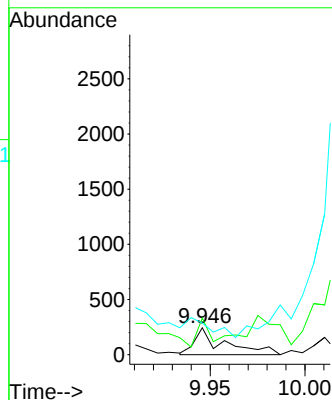
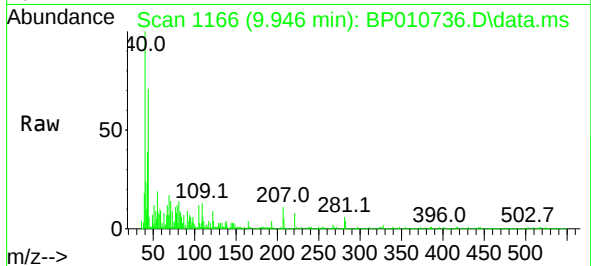




#32
Benzoic acid
Concen: 6.141 ng
RT: 9.946 min Scan# 1173
Delta R.T. -0.035 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

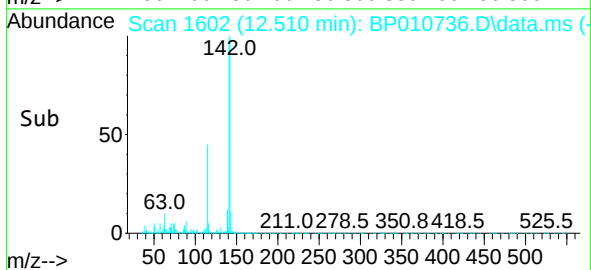
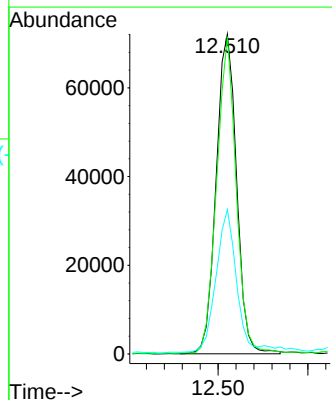
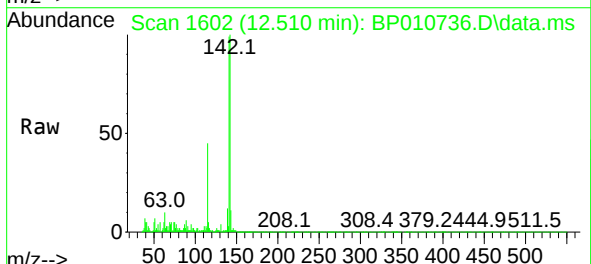
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BNA_P
ClientSampleId :
MW-48

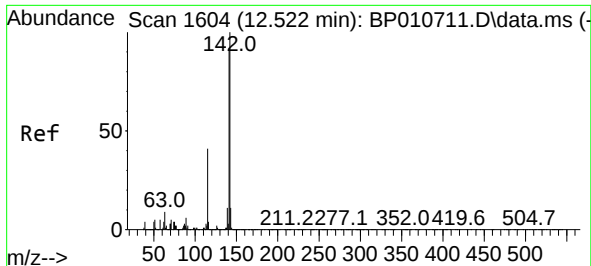
Tgt Ion:122 Resp: 266
Ion Ratio Lower Upper
122 100
105 136.1 112.6 152.6
77 117.6 90.2 130.2



#37
2-Methylnaphthalene
Concen: 8.491 ng
RT: 12.510 min Scan# 1602
Delta R.T. 0.218 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

Tgt Ion:142 Resp: 113838
Ion Ratio Lower Upper
142 100
141 99.1 71.3 106.9
115 45.1 31.4 47.2

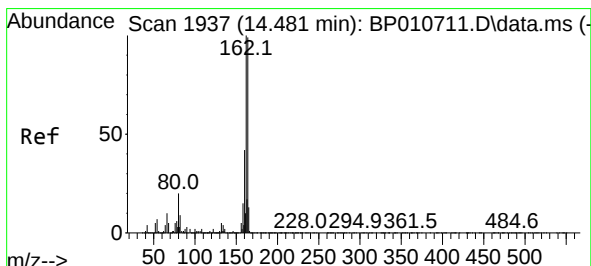
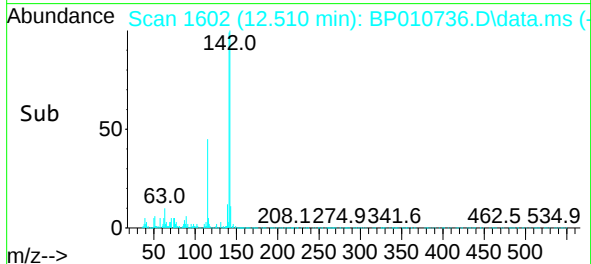
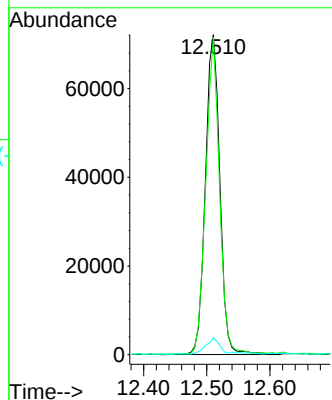
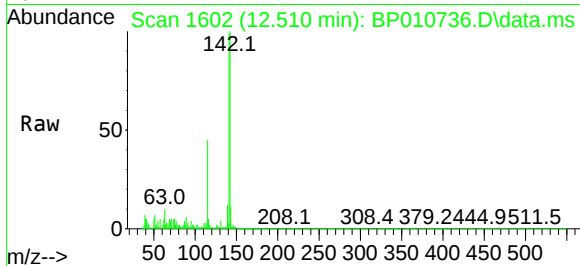




#38
1-Methylnaphthalene
Concen: 8.686 ng
RT: 12.510 min Scan# 1
Delta R.T. 0.000 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

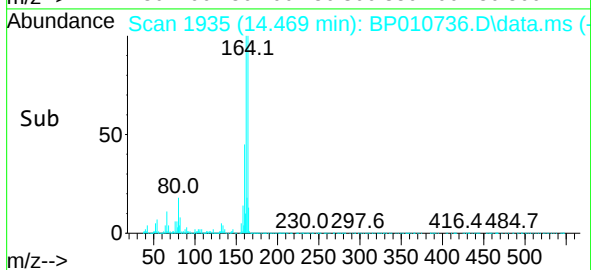
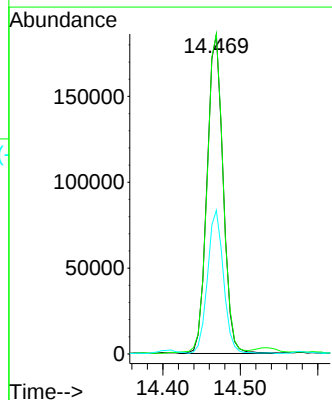
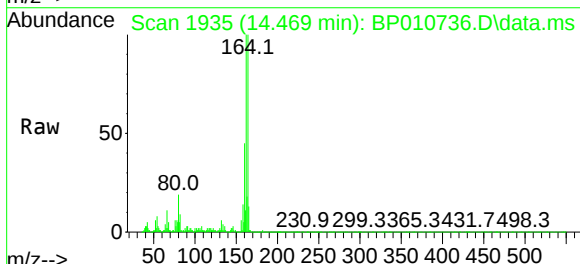
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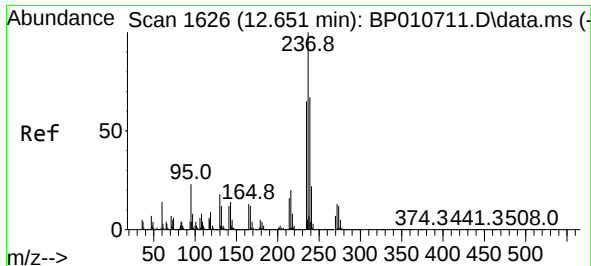
Tgt Ion:142 Resp: 114594
Ion Ratio Lower Upper
142 100
141 99.1 72.6 108.8
116 5.3 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.469 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

Tgt Ion:164 Resp: 267208
Ion Ratio Lower Upper
164 100
162 100.2 81.9 122.9
160 45.0 34.6 51.8

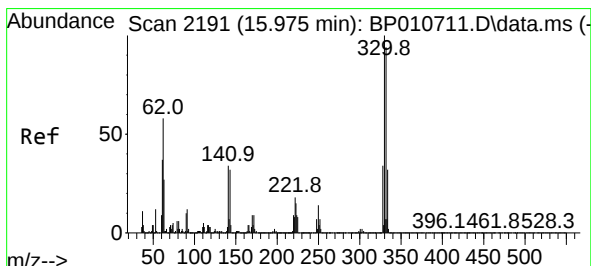
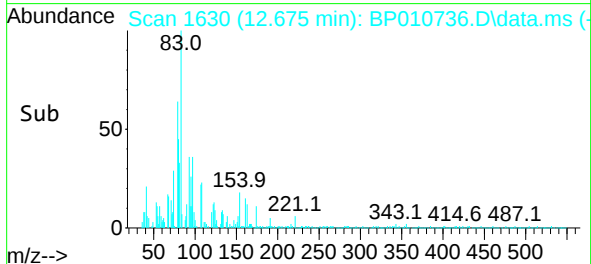
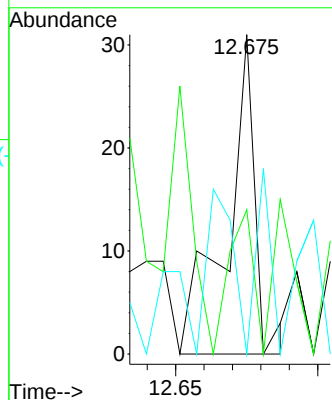
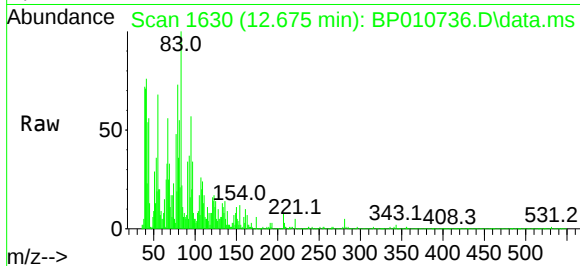




#41
Hexachlorocyclopentadiene
Concen: 6.199 ng
RT: 12.675 min Scan# 1
Delta R.T. 0.035 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

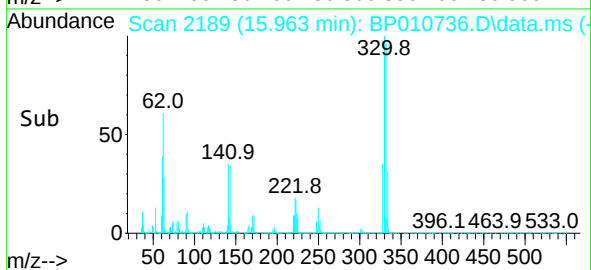
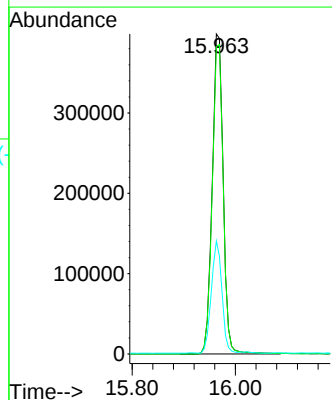
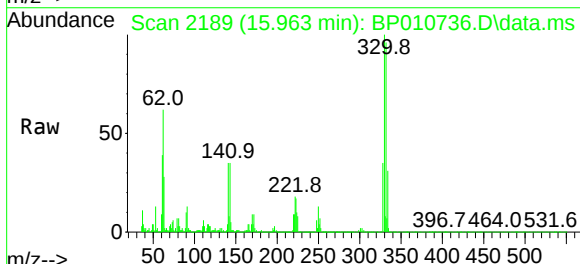
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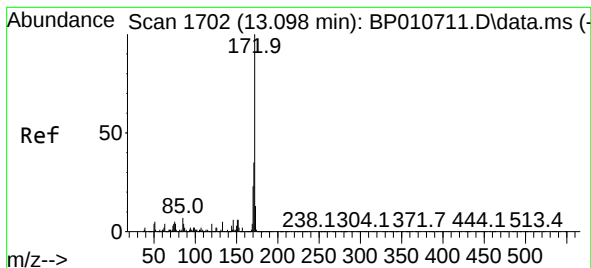
Tgt Ion:	237	Resp:	22
Ion	Ratio	Lower	Upper
237	100		
235	45.2	43.3	83.3
272	0.0	0.0	33.0



#42
2,4,6-Tribromophenol
Concen: 160.971 ng
RT: 15.963 min Scan# 2189
Delta R.T. 0.000 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

Tgt Ion:	330	Resp:	585733
Ion	Ratio	Lower	Upper
330	100		
332	97.2	78.1	117.1
141	33.8	31.4	47.2





#45

2-Fluorobiphenyl

Concen: 92.895 ng

RT: 13.093 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP010736.D

Acq: 15 Jun 2022 18:57

Instrument :

BNA_P

ClientSampleId :

MW-48

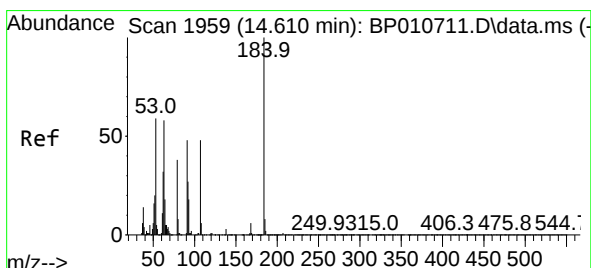
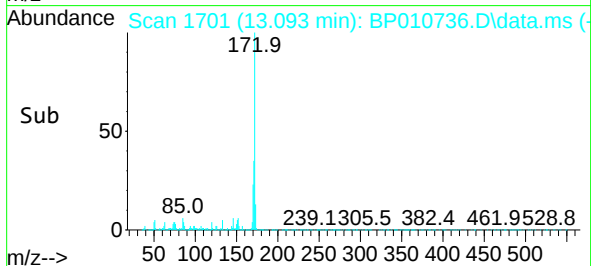
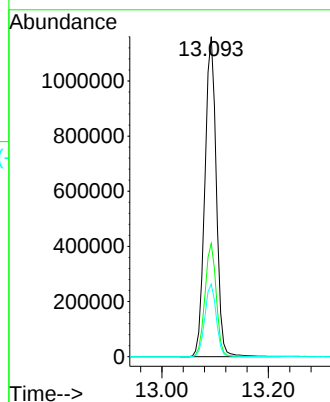
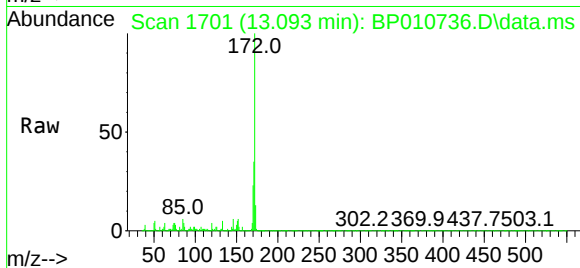
Tgt Ion:172 Resp: 1725493

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 22.7 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 5.343 ng

RT: 14.616 min Scan# 1960

Delta R.T. 0.018 min

Lab File: BP010736.D

Acq: 15 Jun 2022 18:57

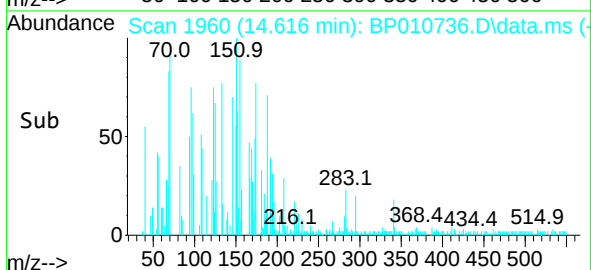
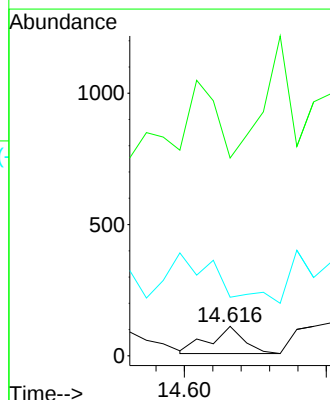
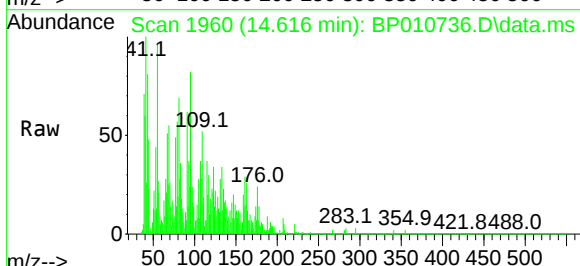
Tgt Ion:184 Resp: 86

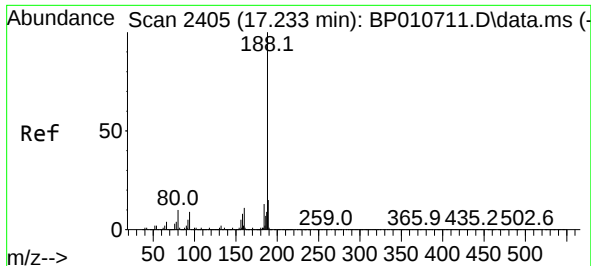
Ion Ratio Lower Upper

184 100

63 672.3 65.4 98.2#

154 199.1 55.4 83.2#

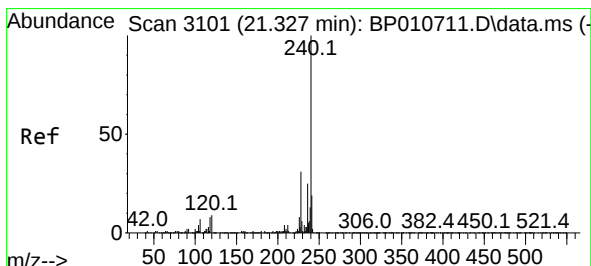
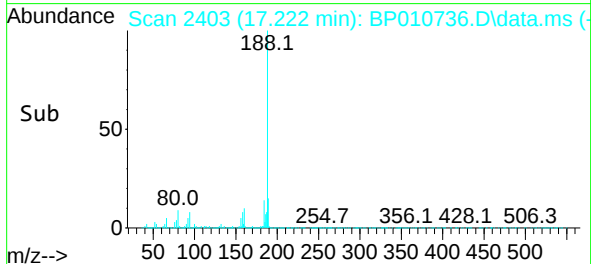
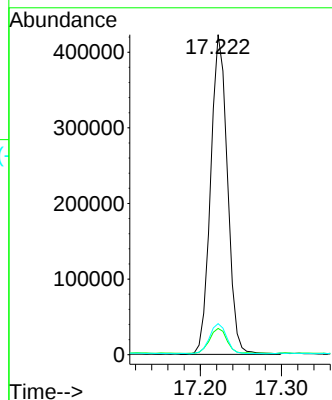
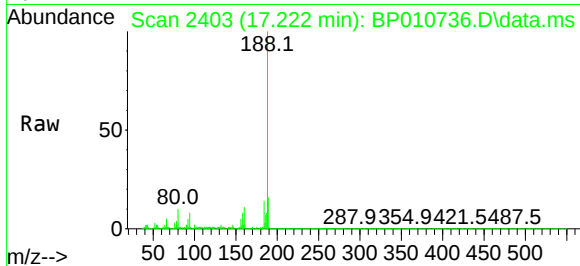




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

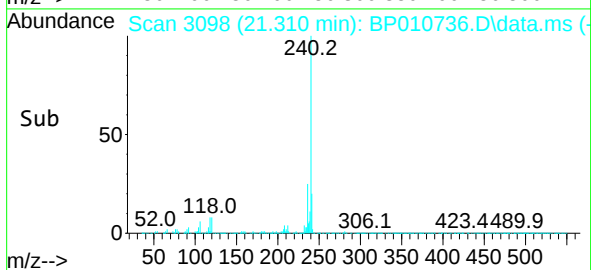
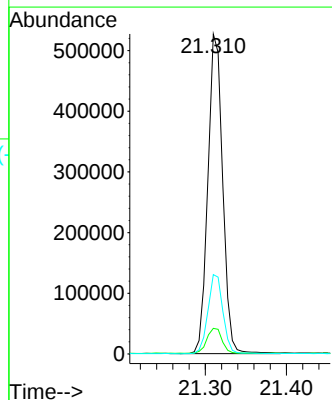
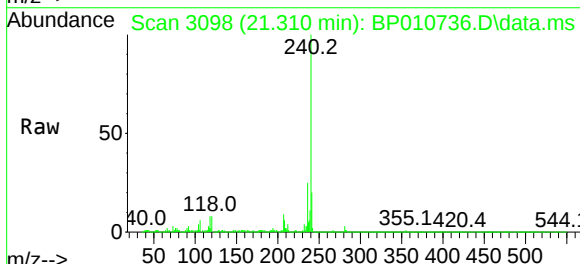
Instrument :
BNA_P
ClientSampleId :
MW-48

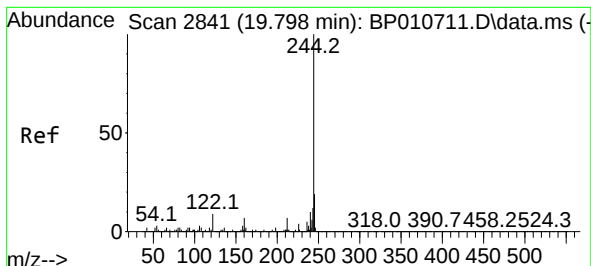
Tgt Ion:188 Resp: 608588
Ion Ratio Lower Upper
188 100
94 8.2 6.6 10.0
80 9.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3098
Delta R.T. -0.006 min
Lab File: BP010736.D
Acq: 15 Jun 2022 18:57

Tgt Ion:240 Resp: 666454
Ion Ratio Lower Upper
240 100
120 8.0 8.6 12.8#
236 24.8 19.8 29.6





#79

Terphenyl-d14

Concen: 90.967 ng

RT: 19.786 min Scan# 2

Delta R.T. 0.000 min

Lab File: BP010736.D

Acq: 15 Jun 2022 18:57

Instrument :

BNA_P

ClientSampleId :

MW-48

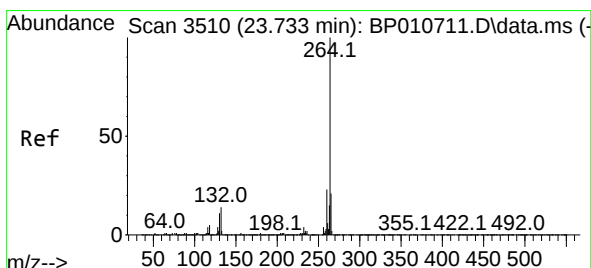
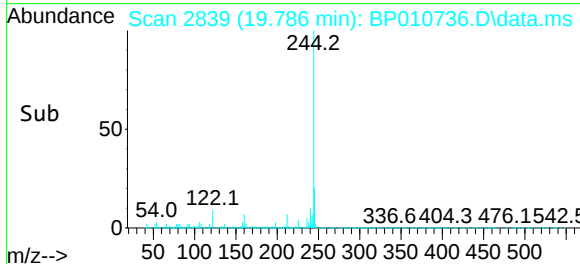
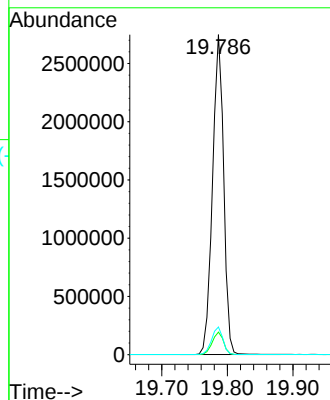
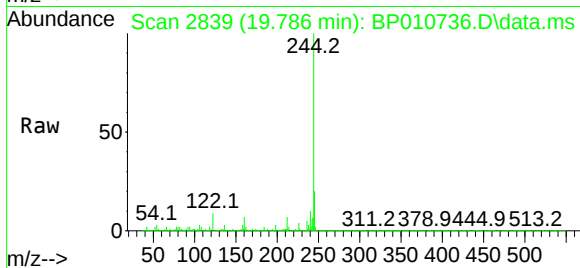
Tgt Ion:244 Resp: 3242196

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 8.7 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.710 min Scan# 3506

Delta R.T. 0.000 min

Lab File: BP010736.D

Acq: 15 Jun 2022 18:57

Tgt Ion:264 Resp: 709108

Ion Ratio Lower Upper

264 100

260 23.4 19.3 28.9

265 22.4 18.0 27.0

