

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021822\
 Data File : BP009215.D
 Acq On : 18 Feb 2022 15:54
 Operator : CG/JU
 Sample : N1573-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-8R

Quant Time: Feb 19 00:49:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 19 00:46:08 2022
 Response via : Initial Calibration

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

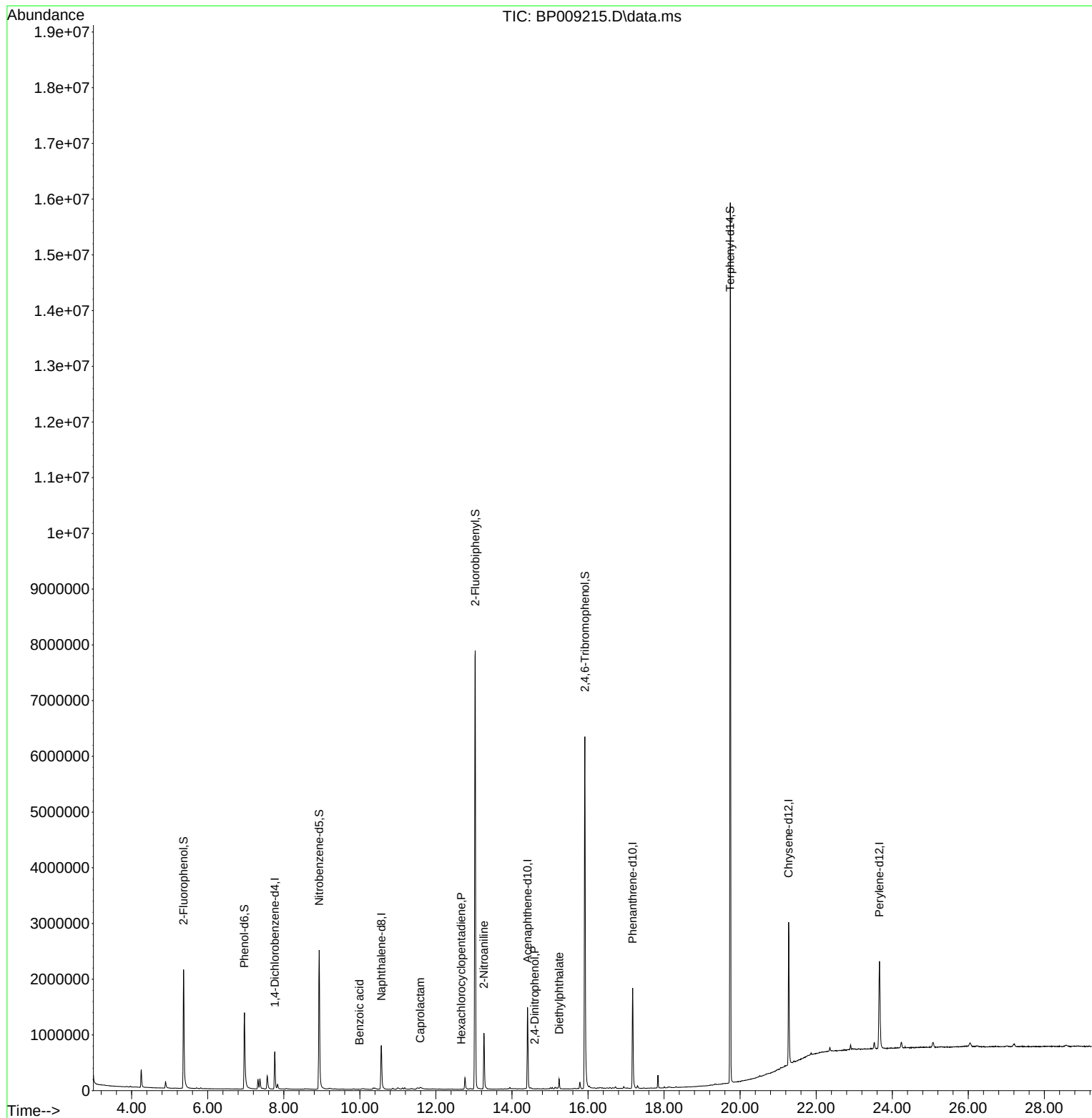
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	213219	20.000	ng	0.00
21) Naphthalene-d8	10.563	136	814569	20.000	ng	0.00
39) Acenaphthene-d10	14.410	164	556011	20.000	ng	0.00
64) Phenanthrene-d10	17.175	188	1290092	20.000	ng	0.00
76) Chrysene-d12	21.275	240	1428984	20.000	ng	0.00
86) Perylene-d12	23.663	264	1411013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.364	112	1226572	102.616	ng	0.00
7) Phenol-d6	6.963	99	1104104	70.101	ng	0.00
23) Nitrobenzene-d5	8.928	82	1723641	119.330	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1650843	222.373	ng	0.00
45) 2-Fluorobiphenyl	13.034	172	4559786	114.804	ng	0.00
79) Terphenyl-d14	19.739	244	8238595	103.680	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.987	122	37	2.694	ng	# 1
35) Caprolactam	11.587	113	10771	2.784	ng	# 72
41) Hexachlorocyclopentadiene	12.669	237	12	8.657	ng	82
48) 2-Nitroaniline	13.263	65	27644	3.675	ng	# 6
54) 2,4-Dinitrophenol	14.593	184	22	2.173	ng	# 1
60) Diethylphthalate	15.240	149	101008	2.695	ng	99

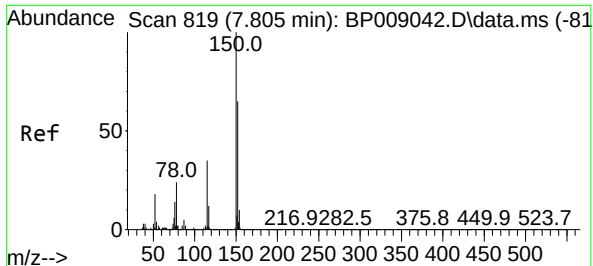
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 19 00:46:08 2022
Response via : Initial Calibration

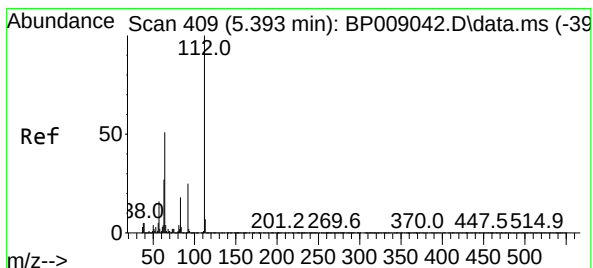
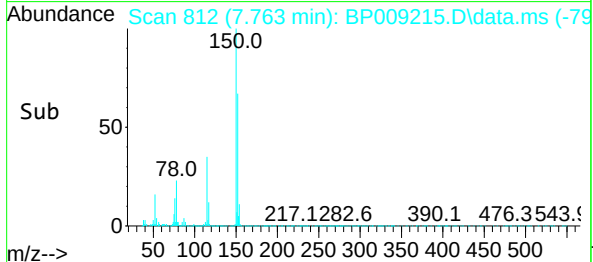
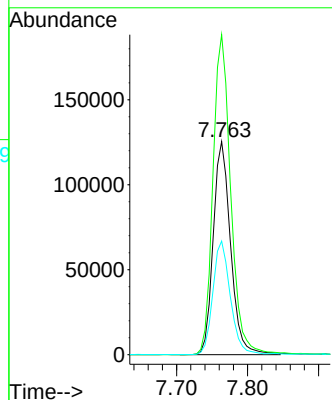
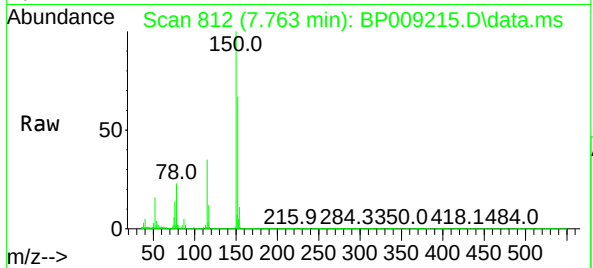




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

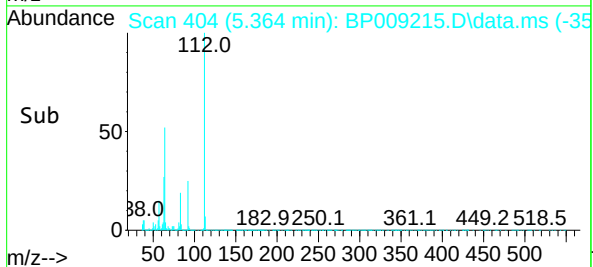
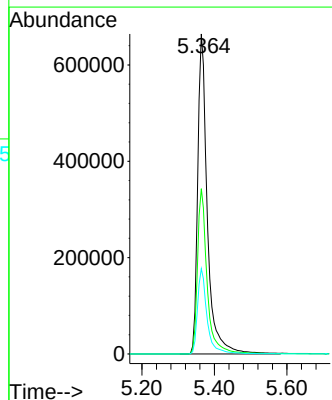
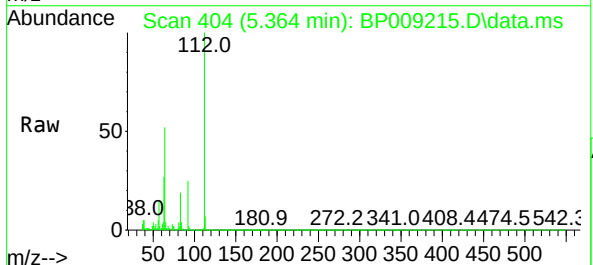
Instrument :
BNA_P
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MW-8R

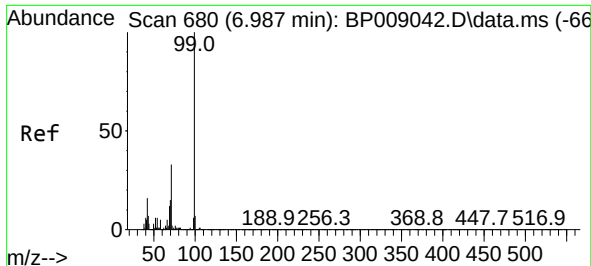
Tgt Ion:152 Resp: 213219
Ion Ratio Lower Upper
152 100
150 150.1 127.0 190.6
115 53.3 43.7 65.5



#5
2-Fluorophenol
Concen: 102.616 ng
RT: 5.364 min Scan# 404
Delta R.T. -0.000 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

Tgt Ion:112 Resp: 1226572
Ion Ratio Lower Upper
112 100
64 51.6 39.7 59.5
63 26.7 20.0 30.0

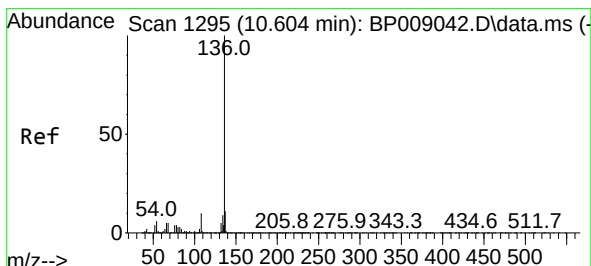
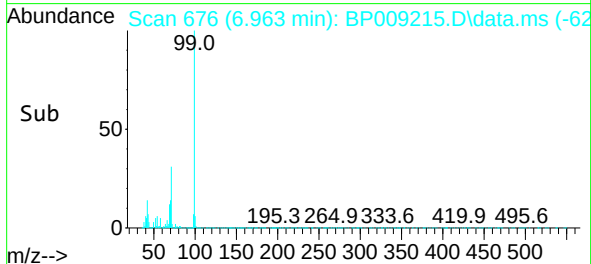
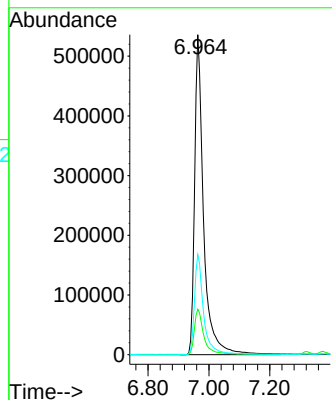
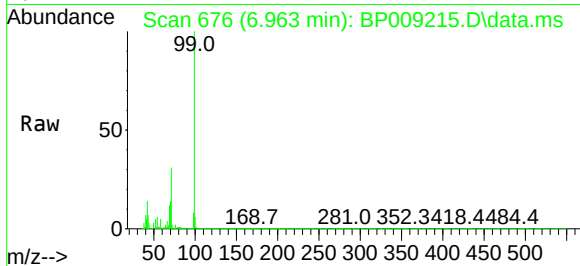




#7
Phenol-d6
Concen: 70.101 ng
RT: 6.963 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

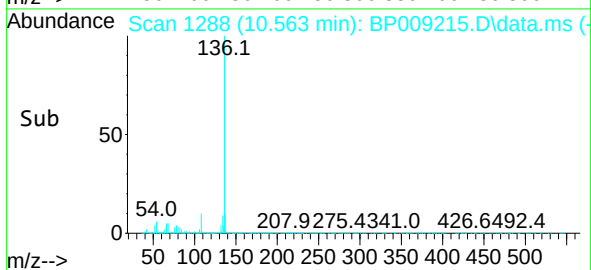
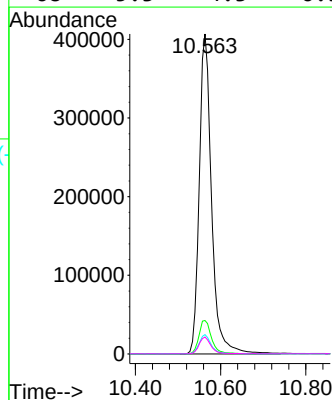
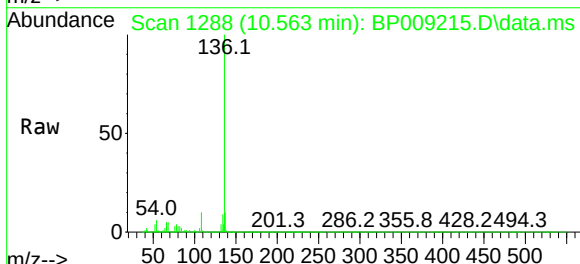
Instrument :
BNA_P
ClientSampleId :
MW-8R

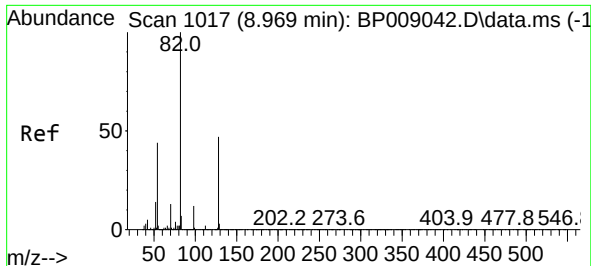
Tgt Ion: 99 Resp: 1104104
Ion Ratio Lower Upper
99 100
42 14.2 10.8 16.2
71 31.3 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

Tgt Ion: 136 Resp: 814569
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 6.0 4.9 7.3
68 5.3 4.3 6.5

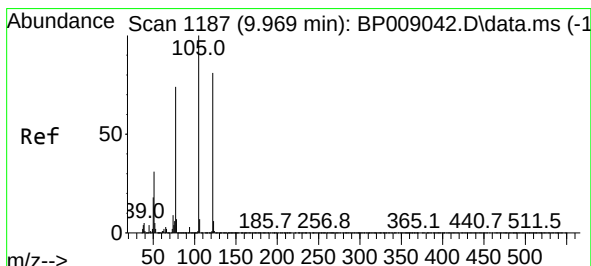
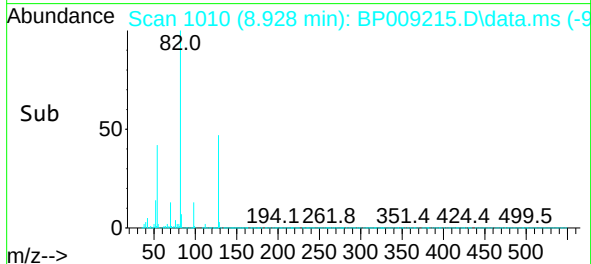
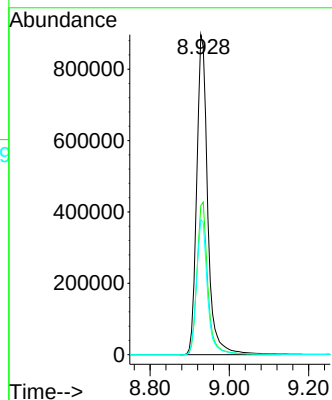
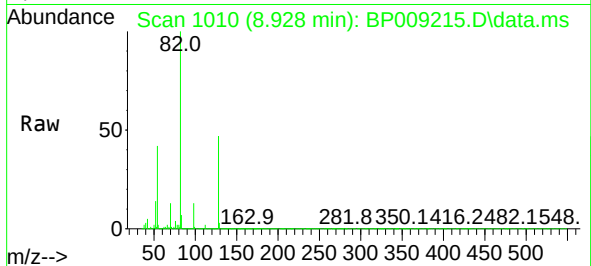




#23
Nitrobenzene-d5
Concen: 119.330 ng
RT: 8.928 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

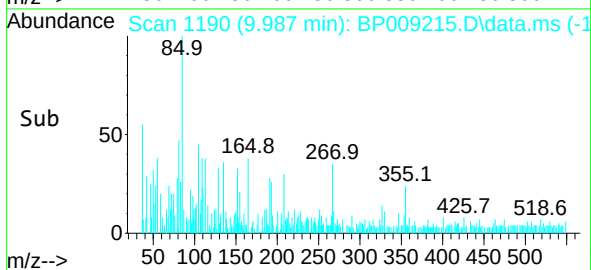
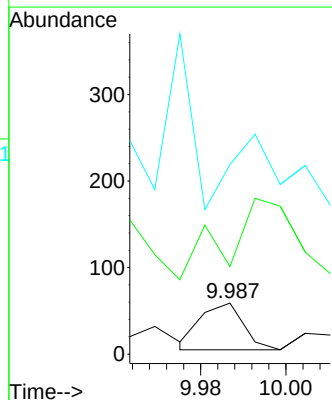
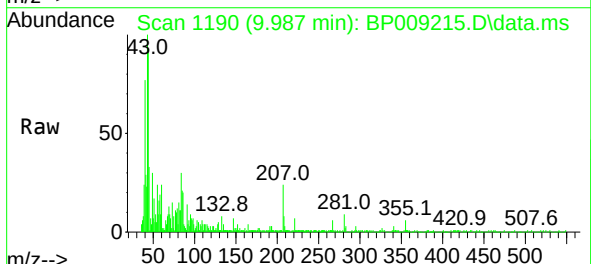
Instrument :
BNA_P
ClientSampleId :
MW-8R

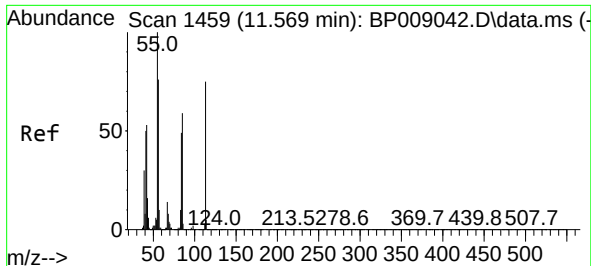
Tgt Ion: 82 Resp: 1723641
Ion Ratio Lower Upper
82 100
128 46.6 39.4 59.2
54 42.2 32.6 48.8



#32
Benzoic acid
Concen: 2.694 ng
RT: 9.987 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

Tgt Ion: 122 Resp: 37
Ion Ratio Lower Upper
122 100
105 171.2 100.1 140.1#
77 371.2 65.5 105.5#

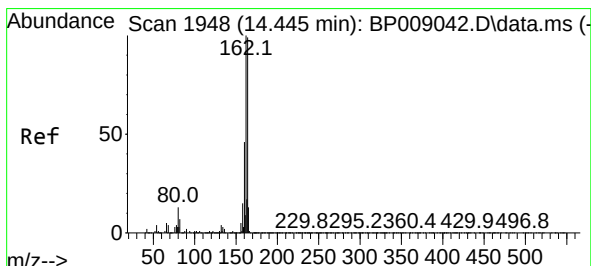
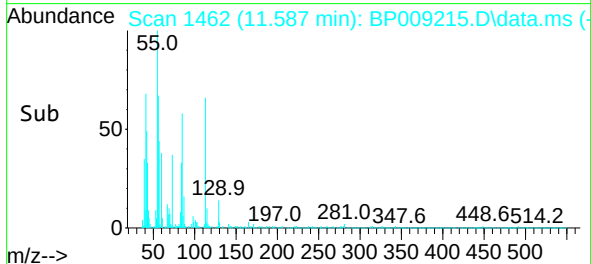
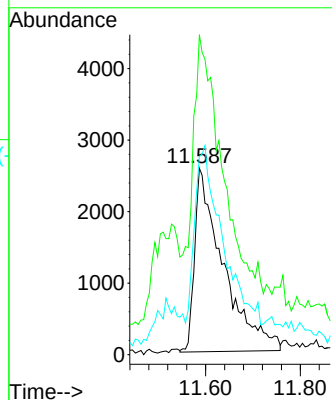
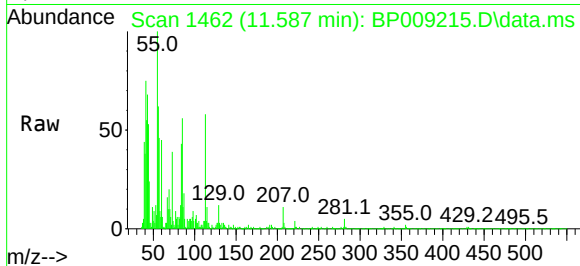




#35
Caprolactam
Concen: 2.784 ng
RT: 11.587 min Scan# 1459
Delta R.T. 0.023 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

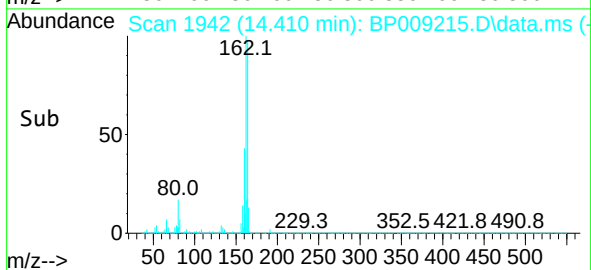
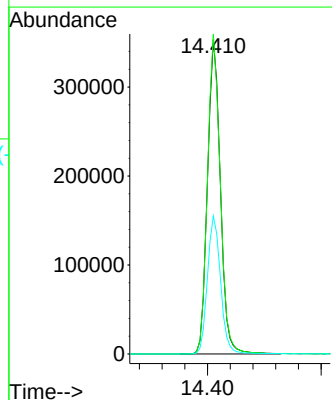
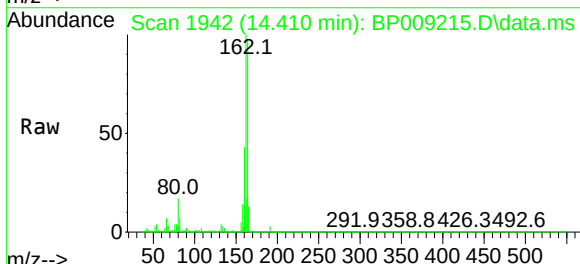
Instrument :
BNA_P
ClientSampleId :
MW-8R

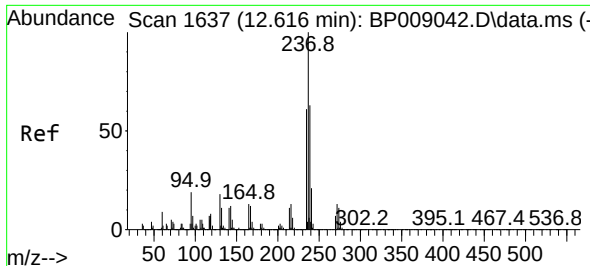
Tgt Ion:113 Resp: 10771
Ion Ratio Lower Upper
113 100
55 171.6 107.1 147.1#
56 106.3 74.1 114.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.410 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

Tgt Ion:164 Resp: 556011
Ion Ratio Lower Upper
164 100
162 101.7 79.9 119.9
160 43.9 35.5 53.3

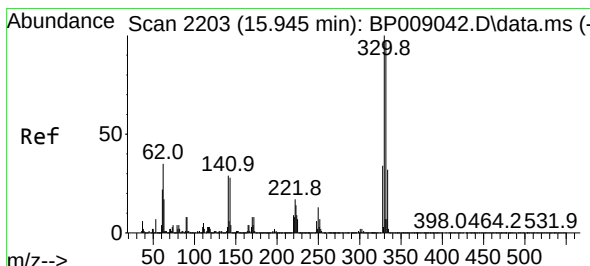
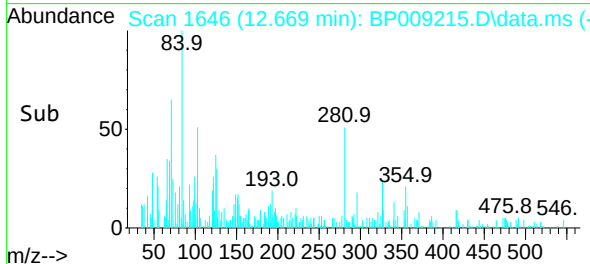
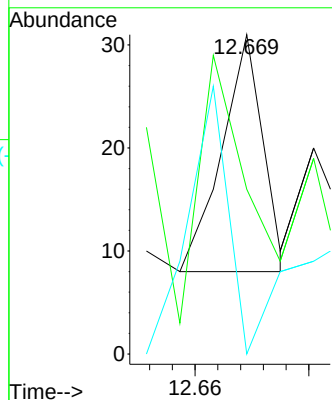
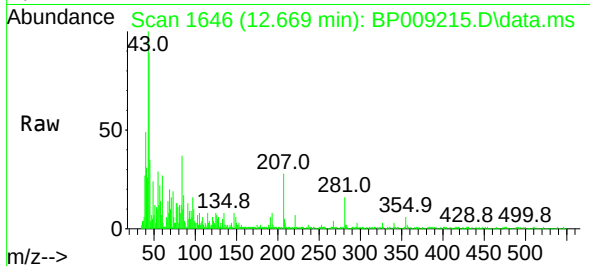




#41
Hexachlorocyclopentadiene
Concen: 8.657 ng
RT: 12.669 min Scan# 1
Delta R.T. 0.094 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

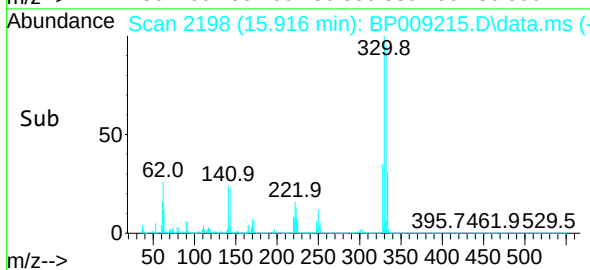
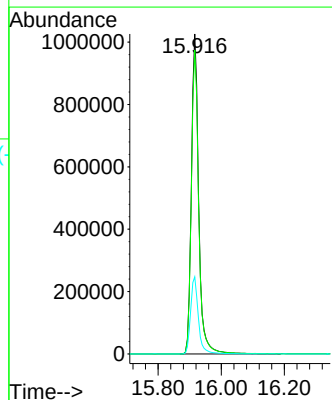
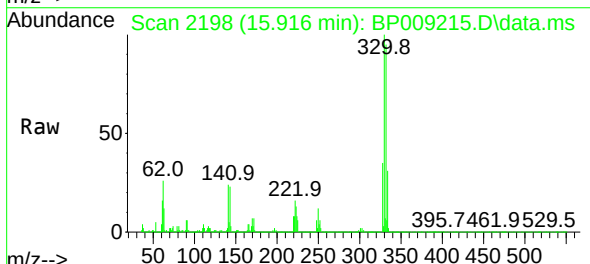
Instrument :
BNA_P
ClientSampleId :
MW-8R

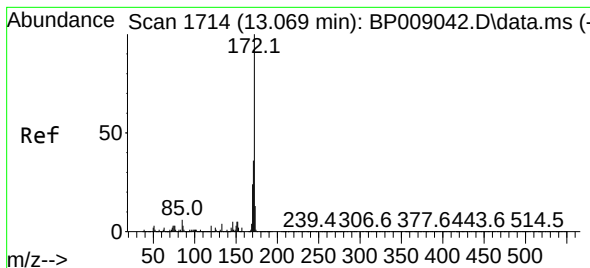
Tgt Ion:	237	Resp:	12
Ion	Ratio	Lower	Upper
237	100		
235	51.6	42.9	82.9
272	0.0	0.0	33.8



#42
2,4,6-Tribromophenol
Concen: 222.373 ng
RT: 15.916 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

Tgt Ion:	330	Resp:	1650843
Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.4
141	25.7	21.3	31.9





#45

2-Fluorobiphenyl

Concen: 114.804 ng

RT: 13.034 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP009215.D

Acq: 18 Feb 2022 15:54

Instrument :

BNA_P

ClientSampleId :

MW-8R

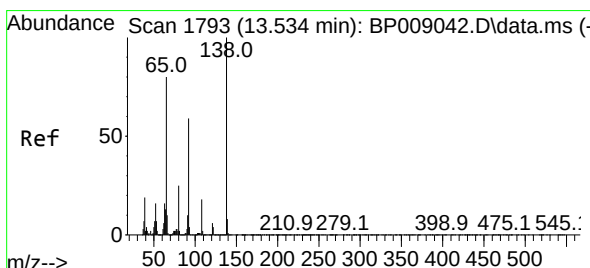
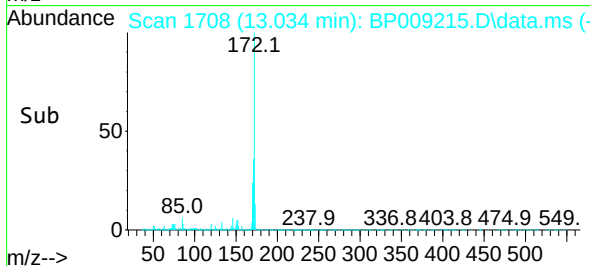
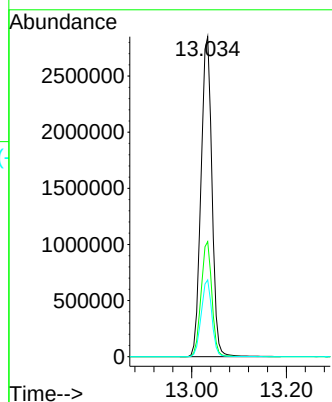
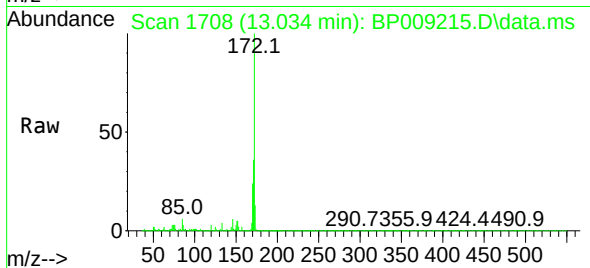
Tgt Ion:172 Resp: 4559786

Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

170 24.0 19.5 29.3



#48

2-Nitroaniline

Concen: 3.675 ng

RT: 13.263 min Scan# 1747

Delta R.T. -0.253 min

Lab File: BP009215.D

Acq: 18 Feb 2022 15:54

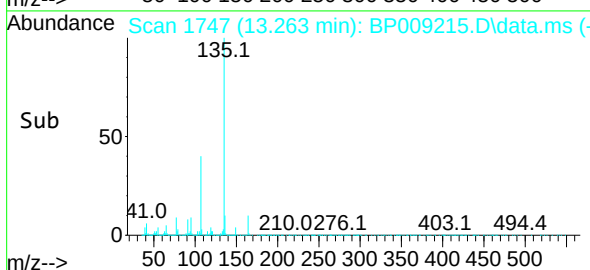
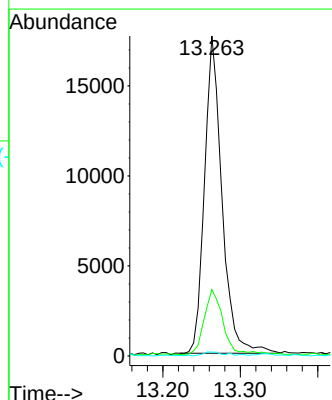
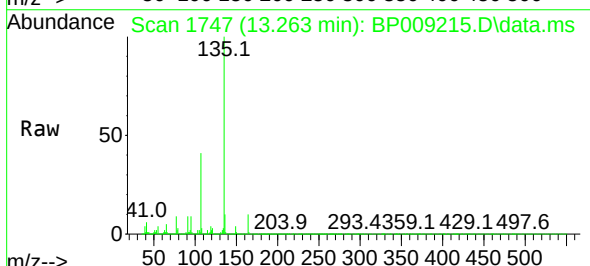
Tgt Ion: 65 Resp: 27644

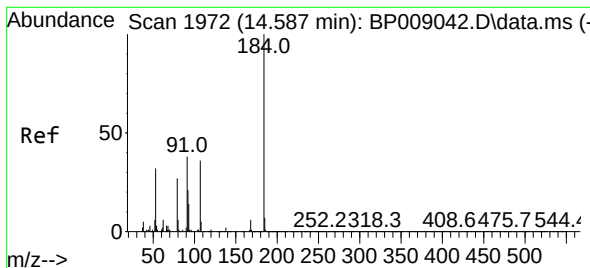
Ion Ratio Lower Upper

65 100

92 20.7 62.2 93.4#

138 1.2 105.8 158.8#

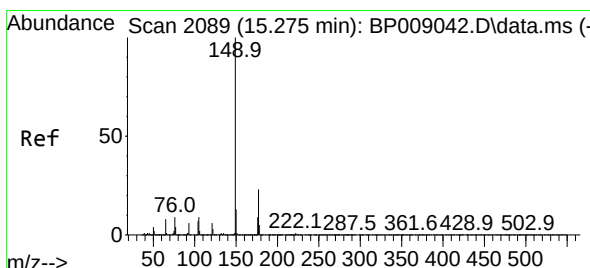
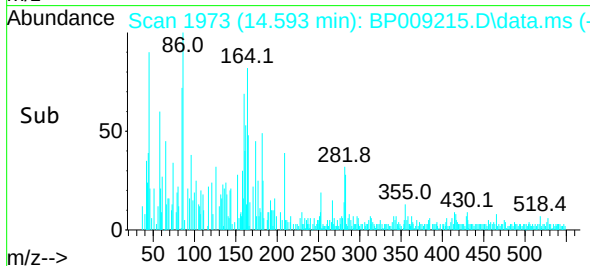
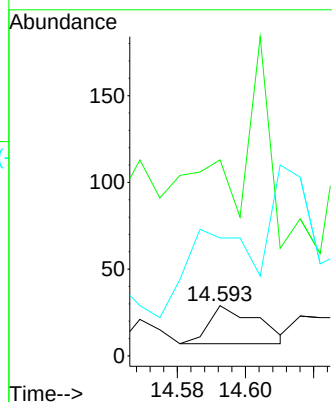
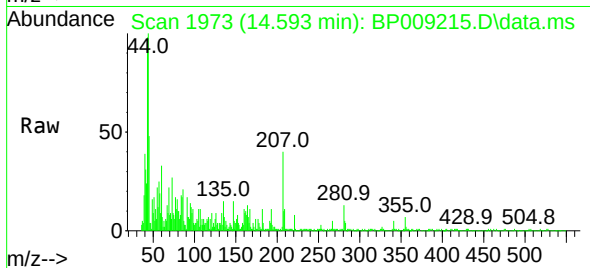




#54
2,4-Dinitrophenol
Concen: 2.173 ng
RT: 14.593 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

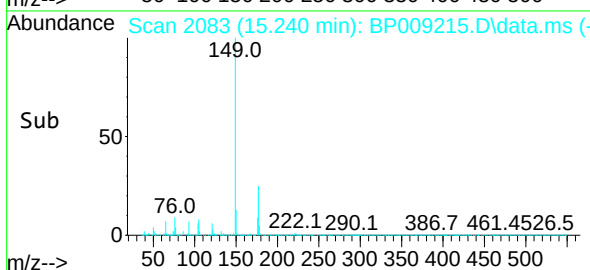
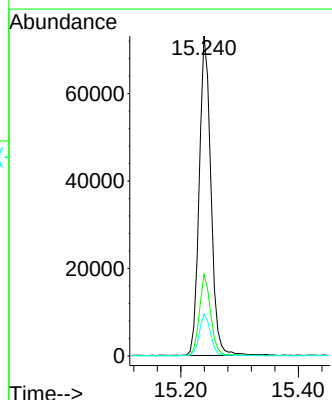
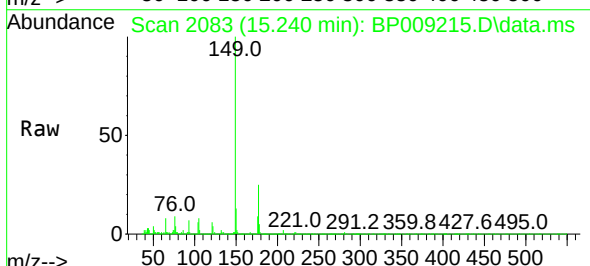
Instrument :
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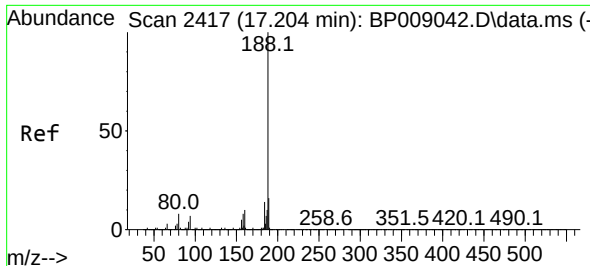
Tgt Ion:184 Resp: 22
Ion Ratio Lower Upper
184 100
63 389.7 35.6 53.4#
154 234.5 43.4 65.0#



#60
Diethylphthalate
Concen: 2.695 ng
RT: 15.240 min Scan# 2083
Delta R.T. -0.006 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

Tgt Ion:149 Resp: 101008
Ion Ratio Lower Upper
149 100
177 25.5 19.9 29.9
150 13.1 10.3 15.5

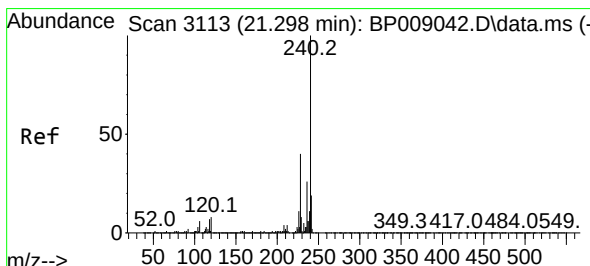
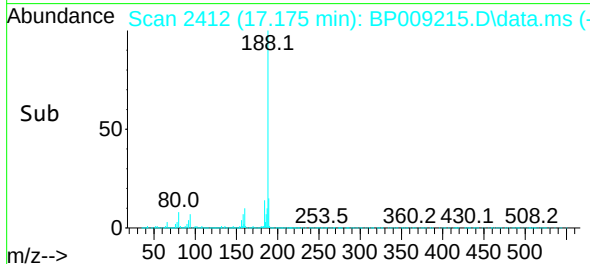
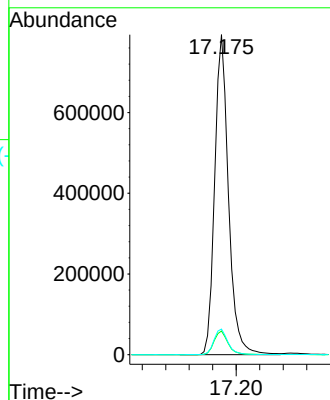
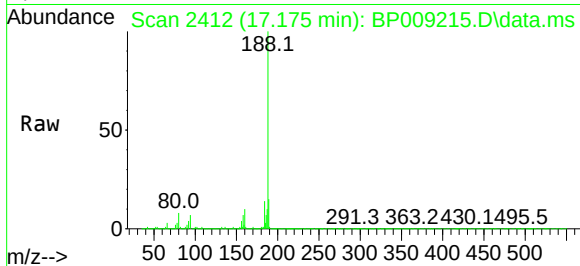




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.175 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

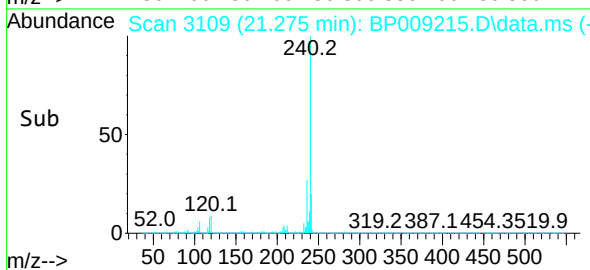
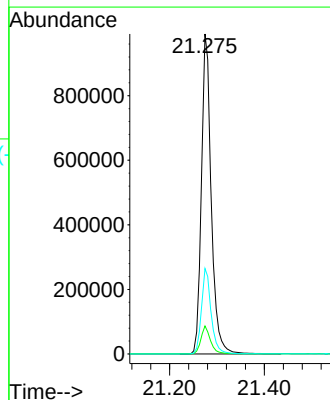
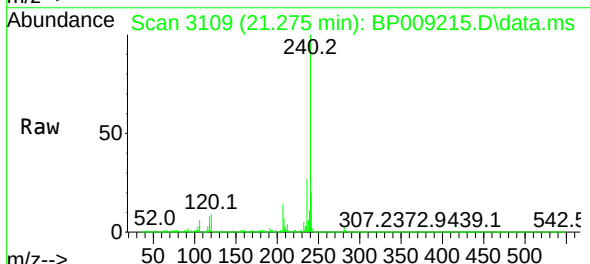
Instrument :
BNA_P
ClientSampleId :
MW-8R

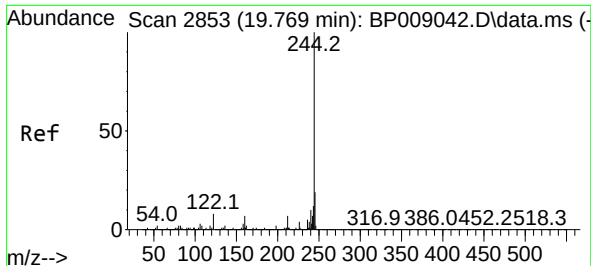
Tgt Ion:188 Resp: 1290092
Ion Ratio Lower Upper
188 100
94 7.4 6.8 10.2
80 8.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.275 min Scan# 3109
Delta R.T. -0.006 min
Lab File: BP009215.D
Acq: 18 Feb 2022 15:54

Tgt Ion:240 Resp: 1428984
Ion Ratio Lower Upper
240 100
120 8.8 7.7 11.5
236 26.7 21.2 31.8

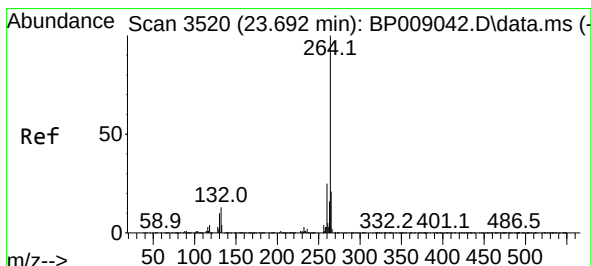
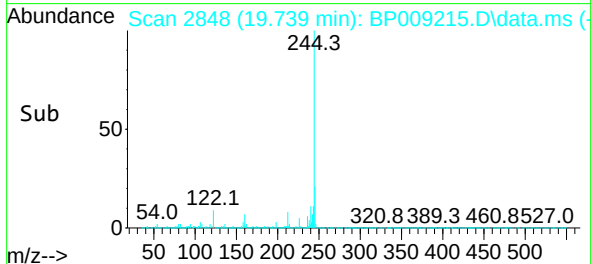
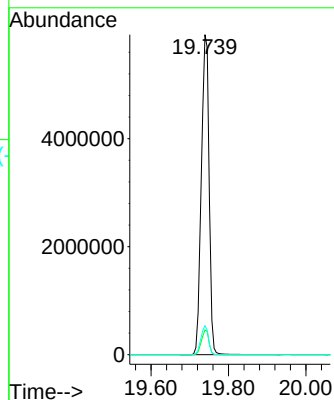
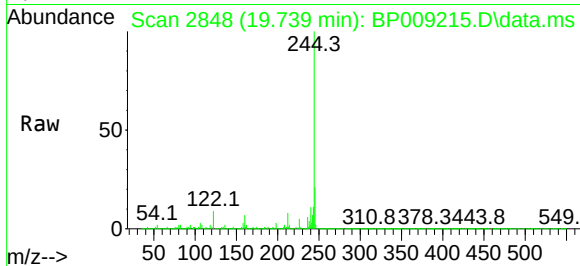




#79
 Terphenyl-d14
 Concen: 103.680 ng
 RT: 19.739 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP009215.D
 Acq: 18 Feb 2022 15:54

Instrument :
 BNA_P
 ClientSampleId :
 MW-8R

Tgt Ion:244 Resp: 8238595
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.5 9.7
 122 9.0 9.2 13.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.663 min Scan# 3515
 Delta R.T. -0.000 min
 Lab File: BP009215.D
 Acq: 18 Feb 2022 15:54

Tgt Ion:264 Resp: 1411013
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.1 28.7
 265 22.4 17.1 25.7

