

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021722\
 Data File : BP009200.D
 Acq On : 17 Feb 2022 17:51
 Operator : CG/JU
 Sample : N1575-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-30

Quant Time: Feb 18 01:54:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

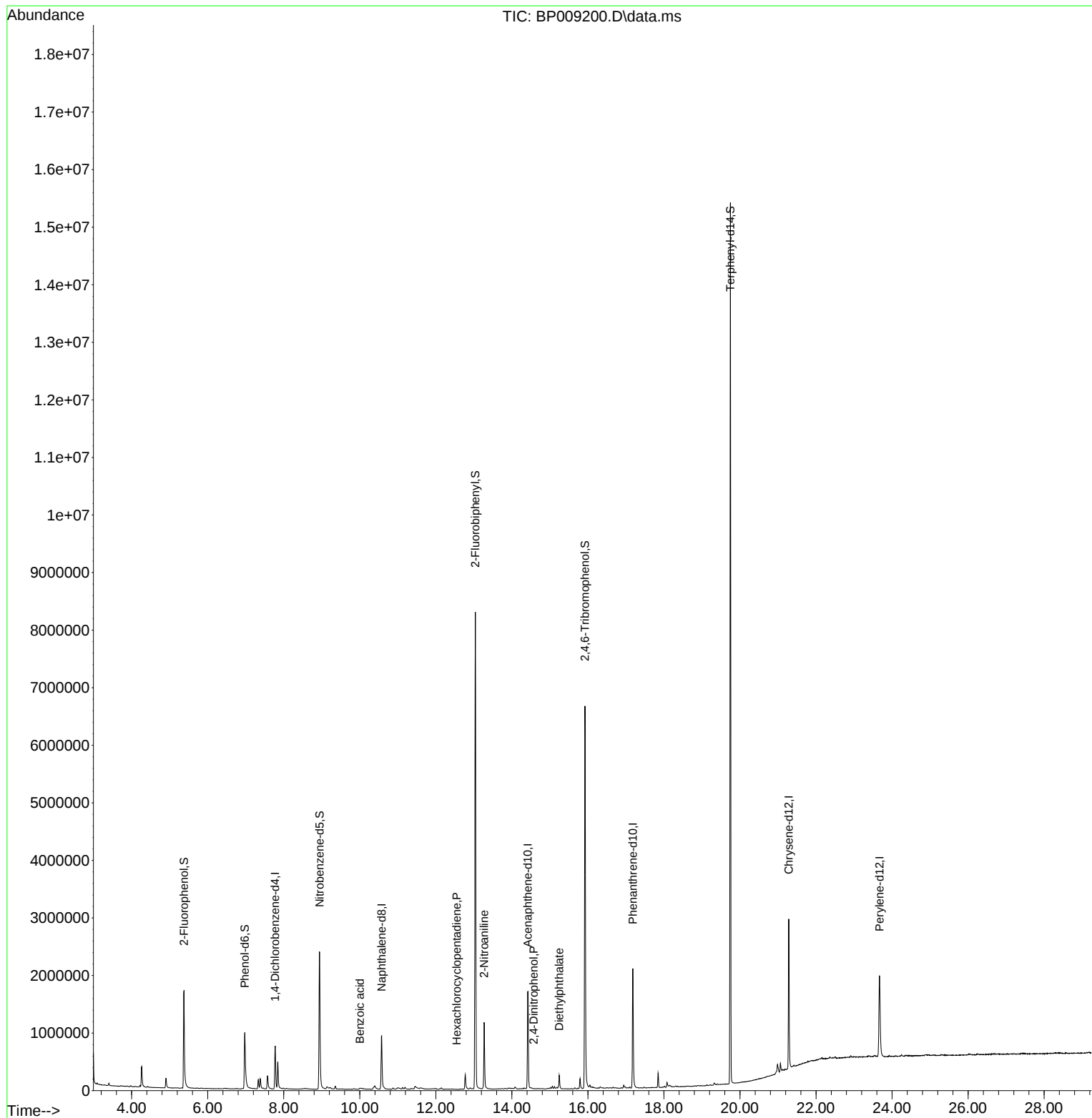
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	238982	20.000	ng	0.00
21) Naphthalene-d8	10.575	136	935205	20.000	ng	0.00
39) Acenaphthene-d10	14.416	164	683828	20.000	ng	-0.01
64) Phenanthrene-d10	17.181	188	1491106	20.000	ng	0.00
76) Chrysene-d12	21.280	240	1453642	20.000	ng	0.00
86) Perylene-d12	23.668	264	1296082	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1018023	75.987	ng	0.00
7) Phenol-d6	6.975	99	820375	46.472	ng	0.00
23) Nitrobenzene-d5	8.940	82	1652303	99.635	ng	0.00
42) 2,4,6-Tribromophenol	15.922	330	1647567	180.450	ng	-0.01
45) 2-Fluorobiphenyl	13.040	172	4674183	95.687	ng	-0.01
79) Terphenyl-d14	19.745	244	7663171	94.803	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	10.004	122	39	2.693	ng	# 1
41) Hexachlorocyclopentadiene	12.546	237	34	8.660	ng	89
48) 2-Nitroaniline	13.269	65	32531	3.517	ng	# 6
54) 2,4-Dinitrophenol	14.575	184	35	2.174	ng	# 1
60) Diethylphthalate	15.245	149	134999	2.929	ng	98

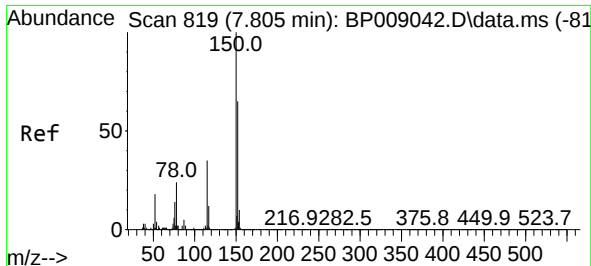
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:30:24 2022
Response via : Initial Calibration

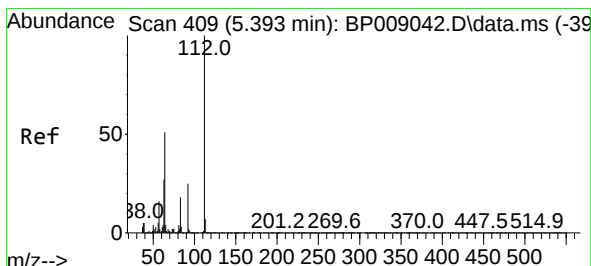
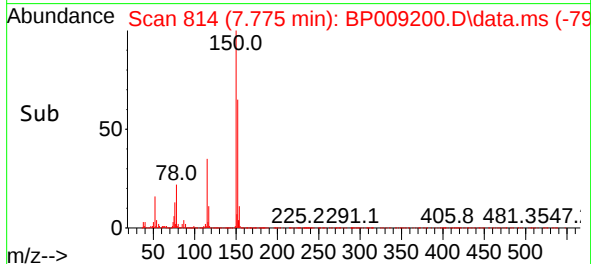
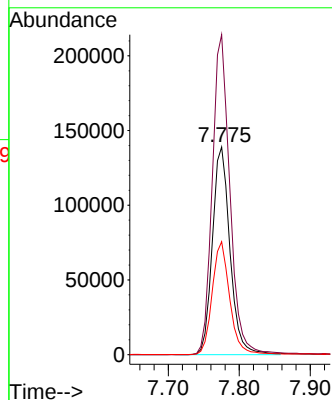
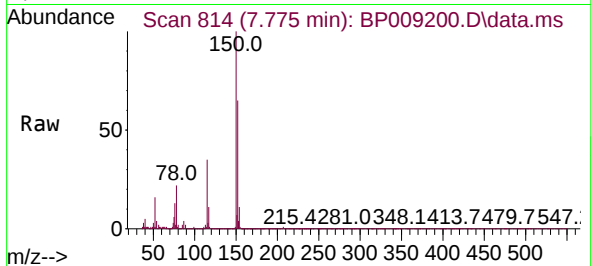




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.775 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

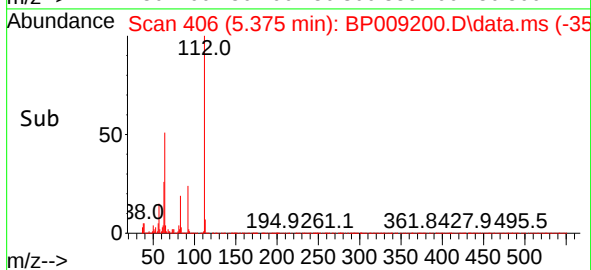
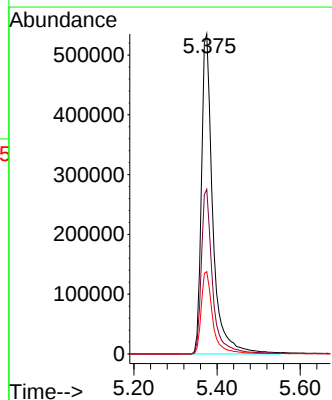
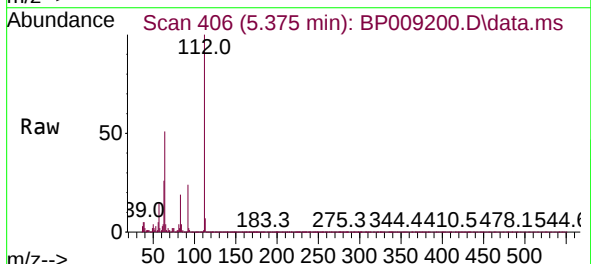
Instrument :
BNA_P
ClientSampleId :
MW-30

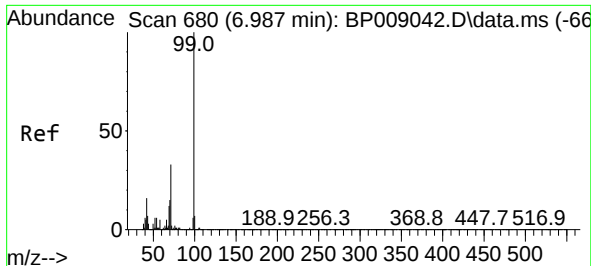
Tgt Ion:152 Resp: 238982
Ion Ratio Lower Upper
152 100
150 154.1 127.0 190.6
115 54.4 43.7 65.5



#5
2-Fluorophenol
Concen: 75.987 ng
RT: 5.375 min Scan# 406
Delta R.T. -0.006 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

Tgt Ion:112 Resp: 1018023
Ion Ratio Lower Upper
112 100
64 51.5 39.7 59.5
63 25.7 20.0 30.0

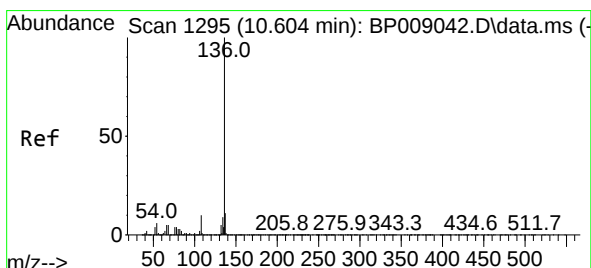
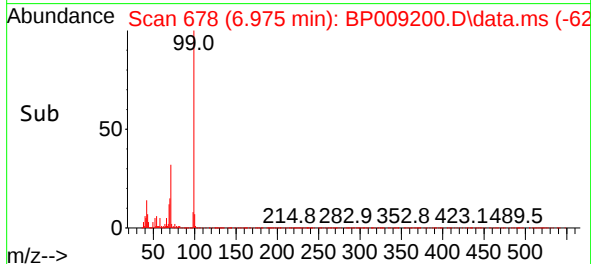
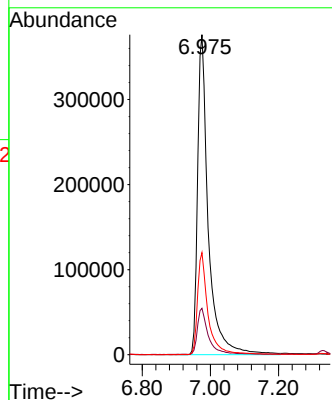
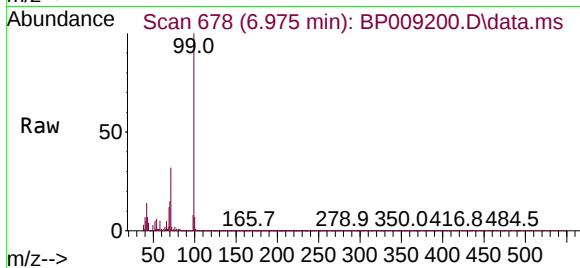




#7
Phenol-d6
Concen: 46.472 ng
RT: 6.975 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

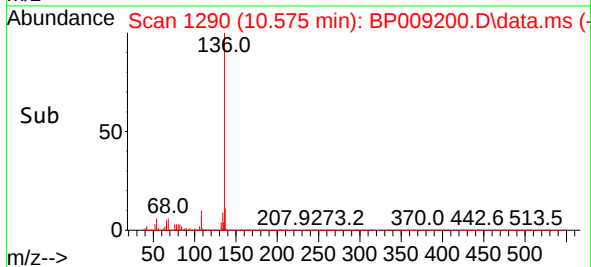
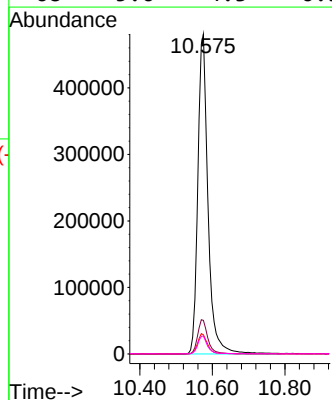
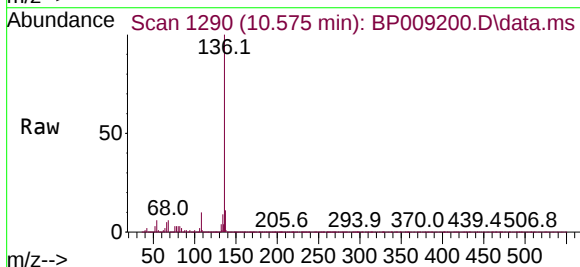
Instrument :
BNA_P
ClientSampleId :
MW-30

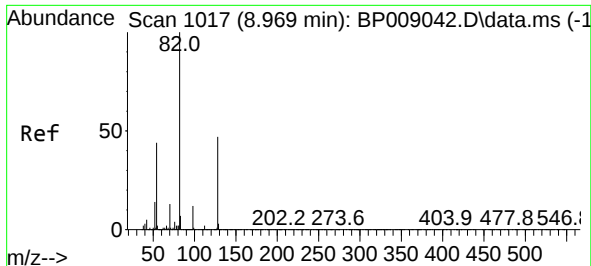
Tgt Ion: 99 Resp: 820375
Ion Ratio Lower Upper
99 100
42 14.5 10.8 16.2
71 31.9 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.575 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

Tgt Ion: 136 Resp: 935205
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 6.0 4.9 7.3
68 5.6 4.3 6.5

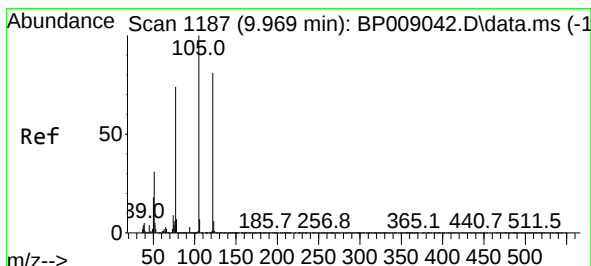
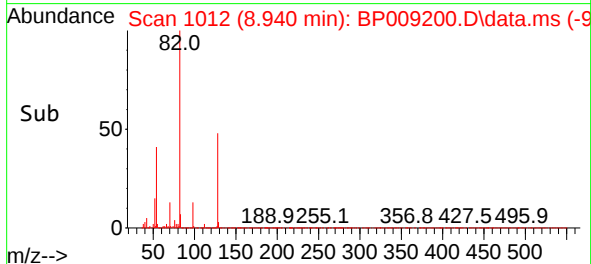
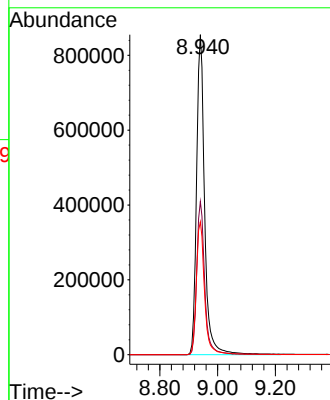
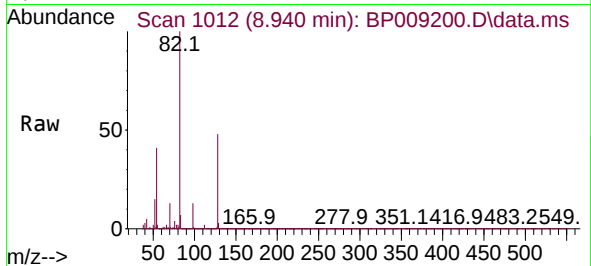




#23
Nitrobenzene-d5
Concen: 99.635 ng
RT: 8.940 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

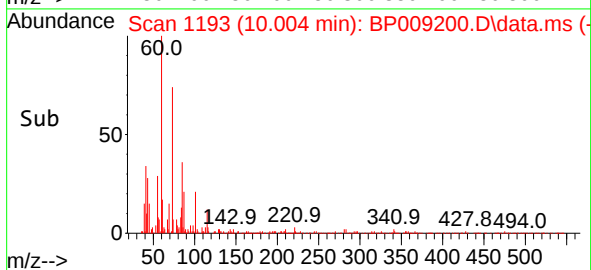
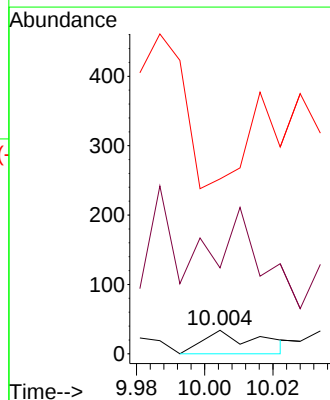
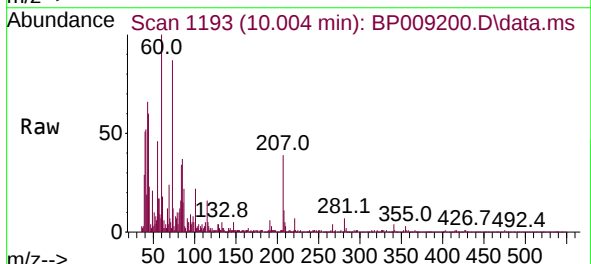
Instrument :
BNA_P
ClientSampleId :
MW-30

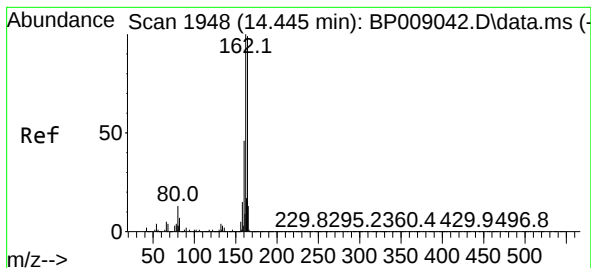
Tgt Ion: 82 Resp: 1652303
Ion Ratio Lower Upper
82 100
128 47.8 39.4 59.2
54 41.5 32.6 48.8



#32
Benzoic acid
Concen: 2.693 ng
RT: 10.004 min Scan# 1193
Delta R.T. 0.012 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

Tgt Ion: 122 Resp: 39
Ion Ratio Lower Upper
122 100
105 364.7 100.1 140.1#
77 741.2 65.5 105.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.416 min Scan# 1943

Delta R.T. -0.012 min

Lab File: BP009200.D

Acq: 17 Feb 2022 17:51

Instrument :

BNA_P

ClientSampleId :

MW-30

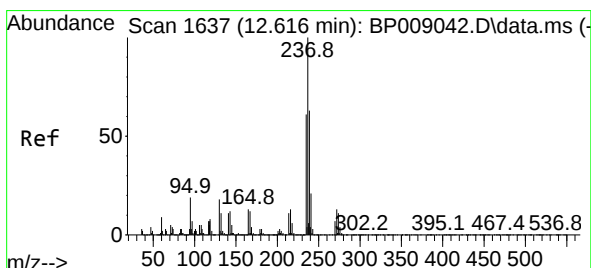
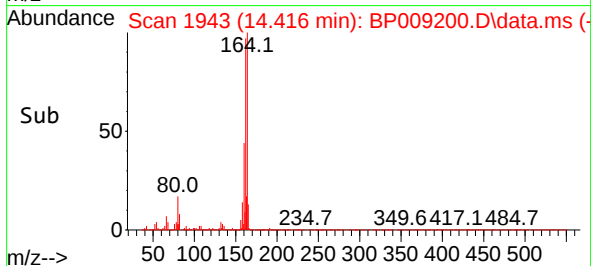
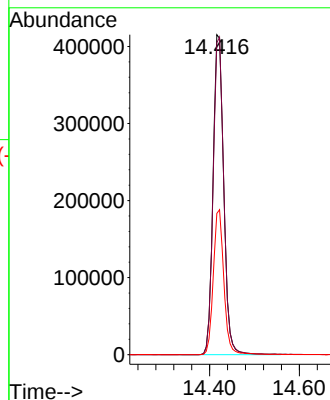
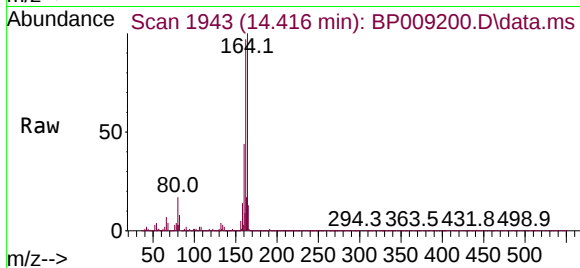
Tgt Ion:164 Resp: 683828

Ion Ratio Lower Upper

164 100

162 97.4 79.9 119.9

160 44.1 35.5 53.3



#41

Hexachlorocyclopentadiene

Concen: 8.660 ng

RT: 12.546 min Scan# 1625

Delta R.T. -0.047 min

Lab File: BP009200.D

Acq: 17 Feb 2022 17:51

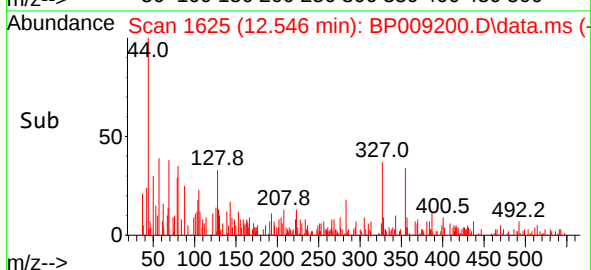
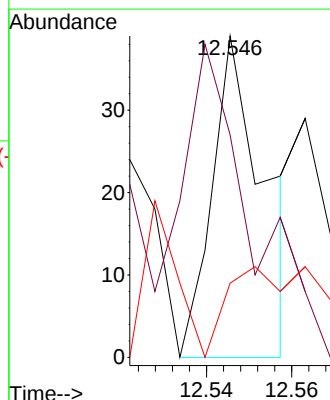
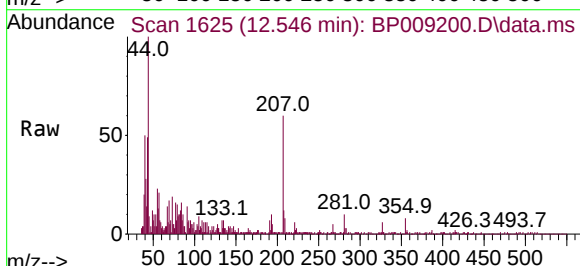
Tgt Ion:237 Resp: 34

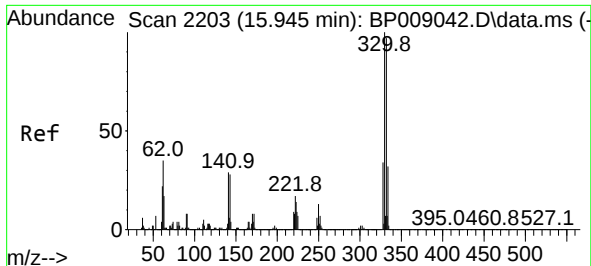
Ion Ratio Lower Upper

237 100

235 69.2 42.9 82.9

272 23.1 0.0 33.8

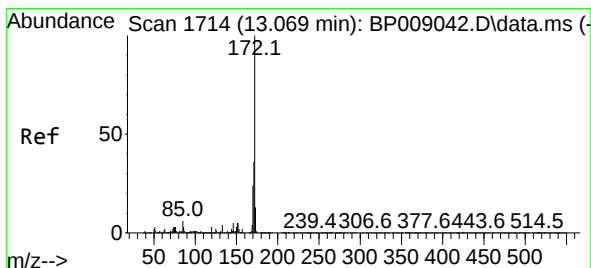
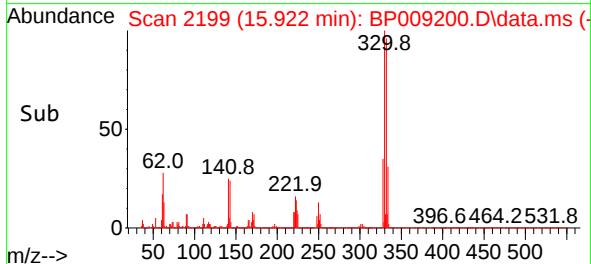
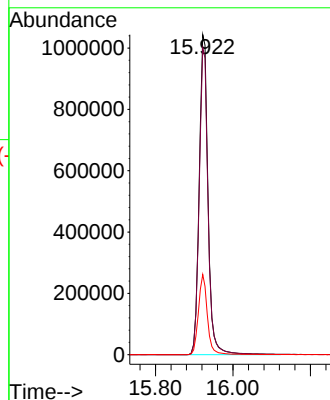
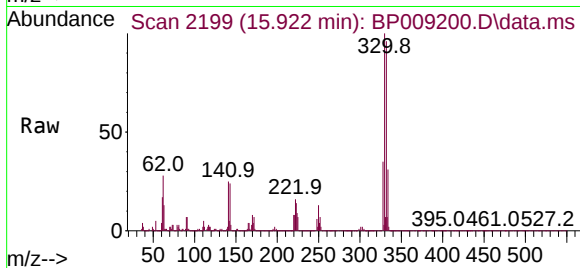




#42
2,4,6-Tribromophenol
Concen: 180.450 ng
RT: 15.922 min Scan# 2199
Delta R.T. -0.012 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

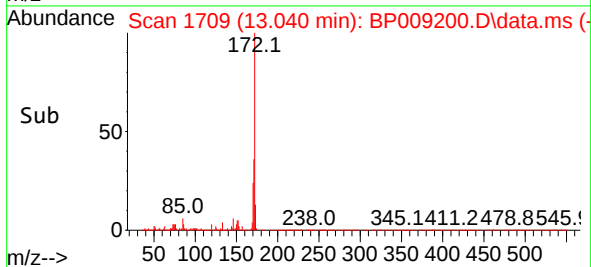
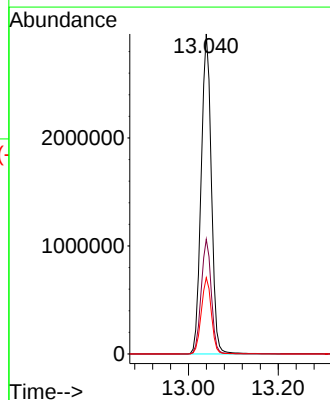
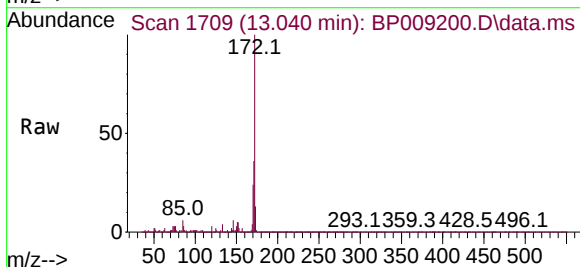
Instrument :
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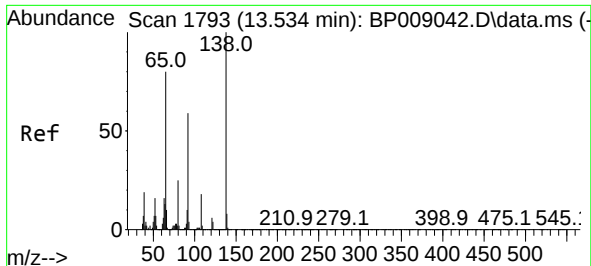
Tgt Ion:330 Resp: 1647567
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.4
141 25.4 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 95.687 ng
RT: 13.040 min Scan# 1709
Delta R.T. -0.012 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

Tgt Ion:172 Resp: 4674183
Ion Ratio Lower Upper
172 100
171 35.9 29.3 43.9
170 23.9 19.5 29.3

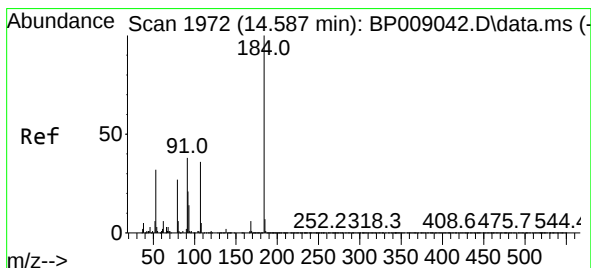
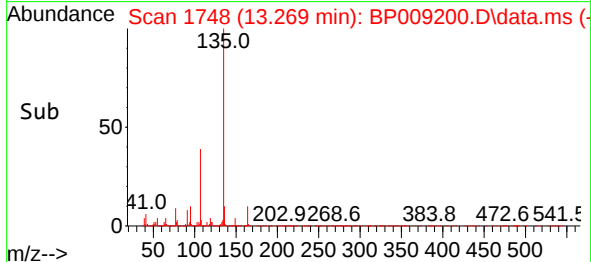
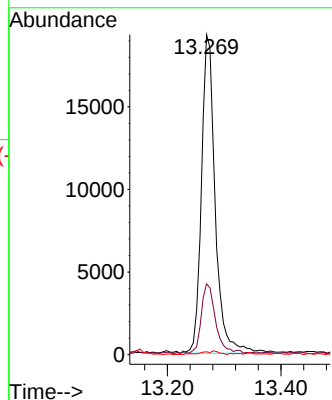
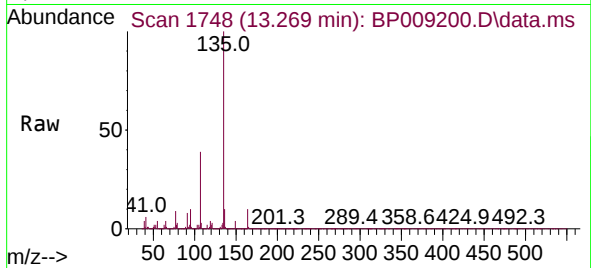




#48
2-Nitroaniline
Concen: 3.517 ng
RT: 13.269 min Scan# 11
Delta R.T. -0.253 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

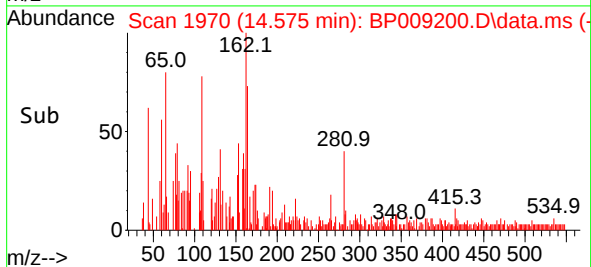
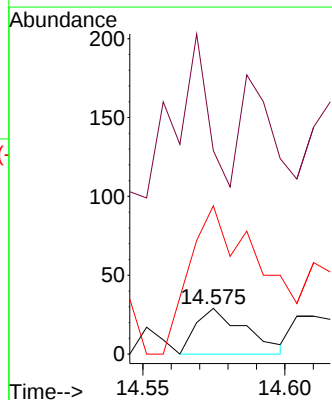
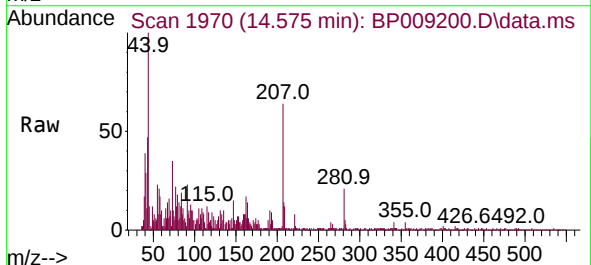
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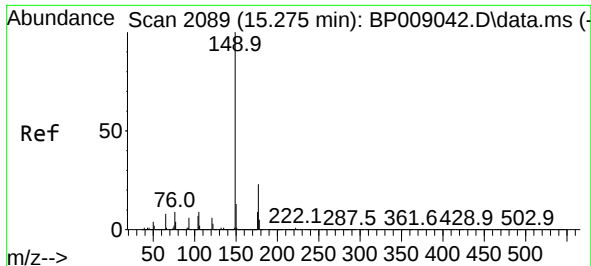
Tgt Ion: 65 Resp: 32531
Ion Ratio Lower Upper
65 100
92 22.2 62.2 93.4#
138 0.9 105.8 158.8#



#54
2,4-Dinitrophenol
Concen: 2.174 ng
RT: 14.575 min Scan# 1970
Delta R.T. -0.012 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

Tgt Ion: 184 Resp: 35
Ion Ratio Lower Upper
184 100
63 444.8 35.6 53.4#
154 324.1 43.4 65.0#

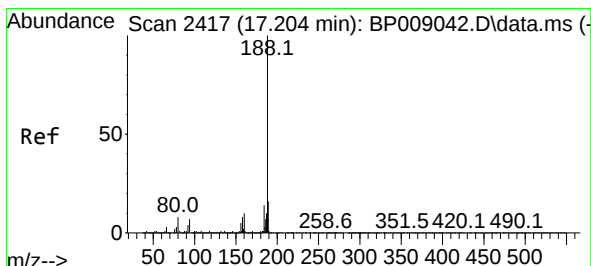
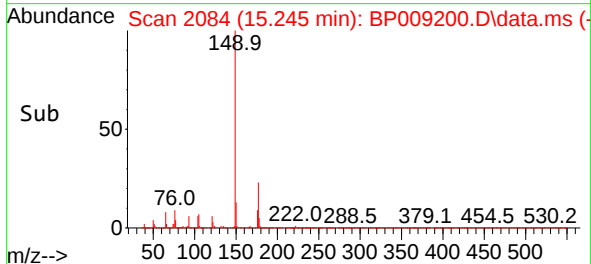
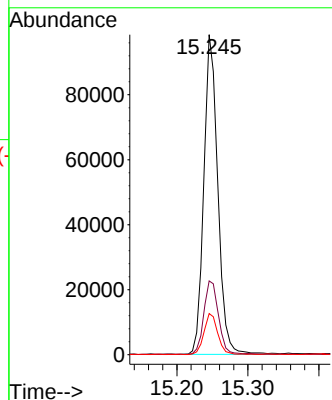
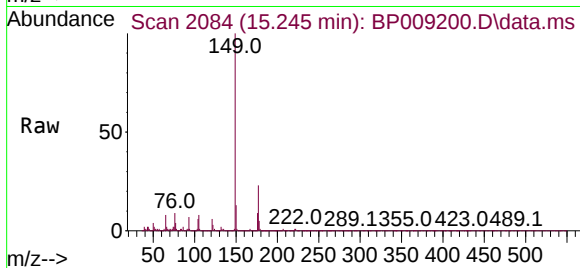




#60
Diethylphthalate
Concen: 2.929 ng
RT: 15.245 min Scan# 2084
Delta R.T. -0.012 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

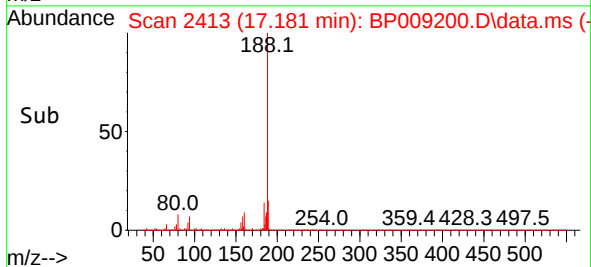
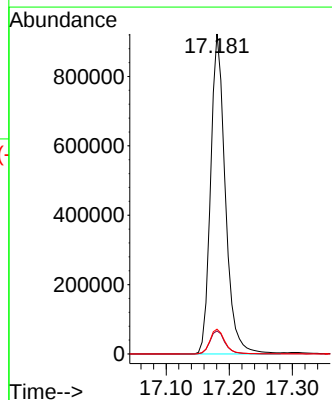
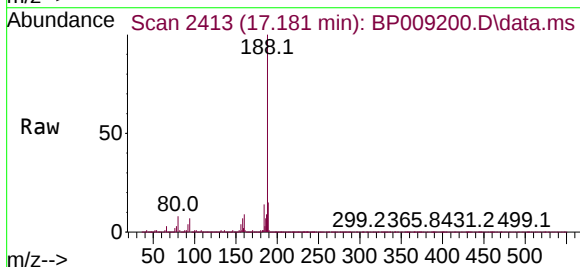
Instrument :
BNA_P
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MW-30

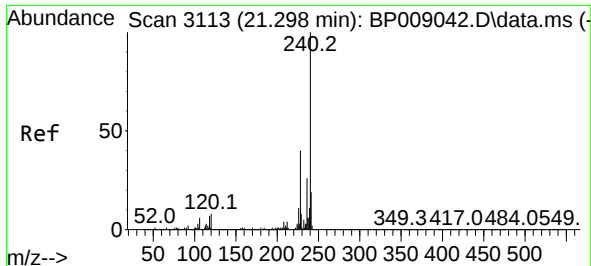
Tgt Ion:149 Resp: 134999
Ion Ratio Lower Upper
149 100
177 23.1 19.9 29.9
150 12.9 10.3 15.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.181 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

Tgt Ion:188 Resp: 1491106
Ion Ratio Lower Upper
188 100
94 7.2 6.8 10.2
80 7.8 7.2 10.8

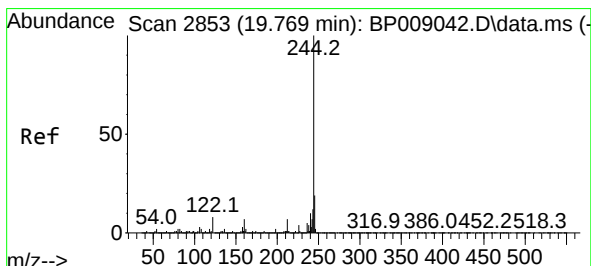
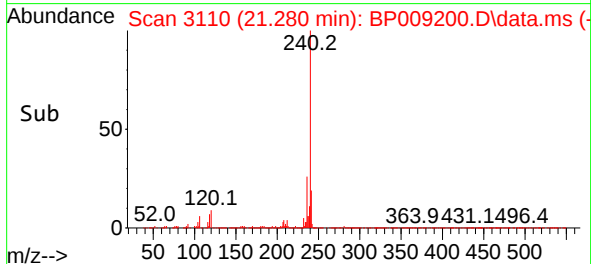
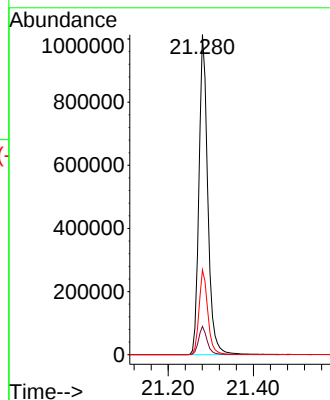
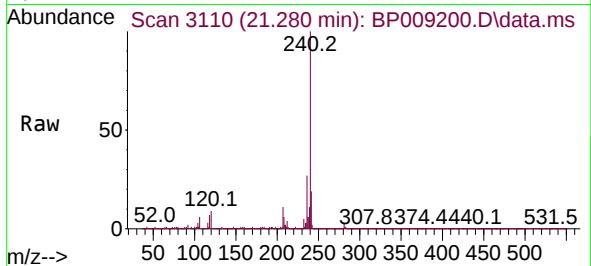




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.280 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

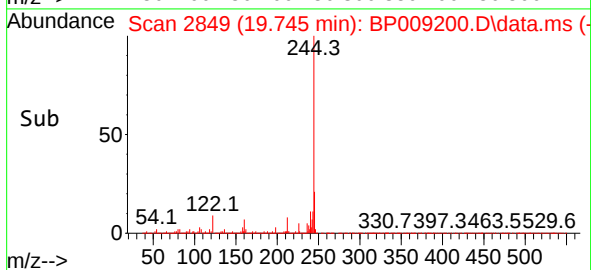
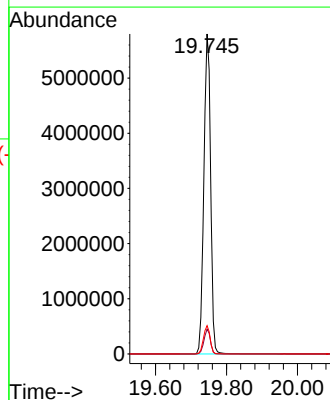
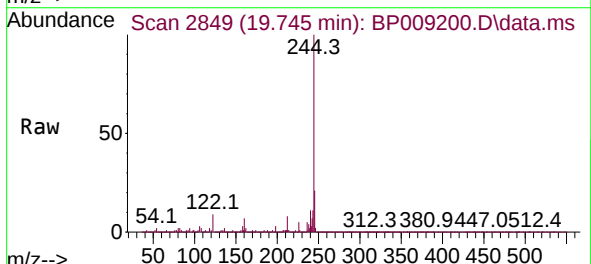
Instrument :
BNA_P
ClientSampleId :
MW-30

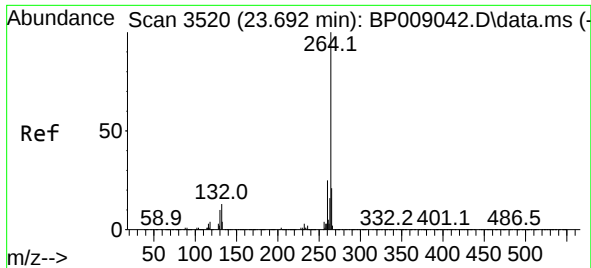
Tgt Ion:240 Resp: 1453642
Ion Ratio Lower Upper
240 100
120 8.8 7.7 11.5
236 26.5 21.2 31.8



#79
Terphenyl-d14
Concen: 94.803 ng
RT: 19.745 min Scan# 2849
Delta R.T. -0.006 min
Lab File: BP009200.D
Acq: 17 Feb 2022 17:51

Tgt Ion:244 Resp: 7663171
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 8.8 9.2 13.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.668 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP009200.D
 Acq: 17 Feb 2022 17:51

Instrument :
 BNA_P
 ClientSampleId :
 MW-30

Tgt Ion:264 Resp: 1296082
 Ion Ratio Lower Upper
 264 100
 260 24.5 19.1 28.7
 265 22.0 17.1 25.7

