

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010601.D
 Acq On : 28 May 2022 15:43
 Operator : CG/JU
 Sample : N3025-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SOUTH-SW

Quant Time: May 28 23:37:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 28 02:18:04 2022
 Response via : Initial Calibration

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

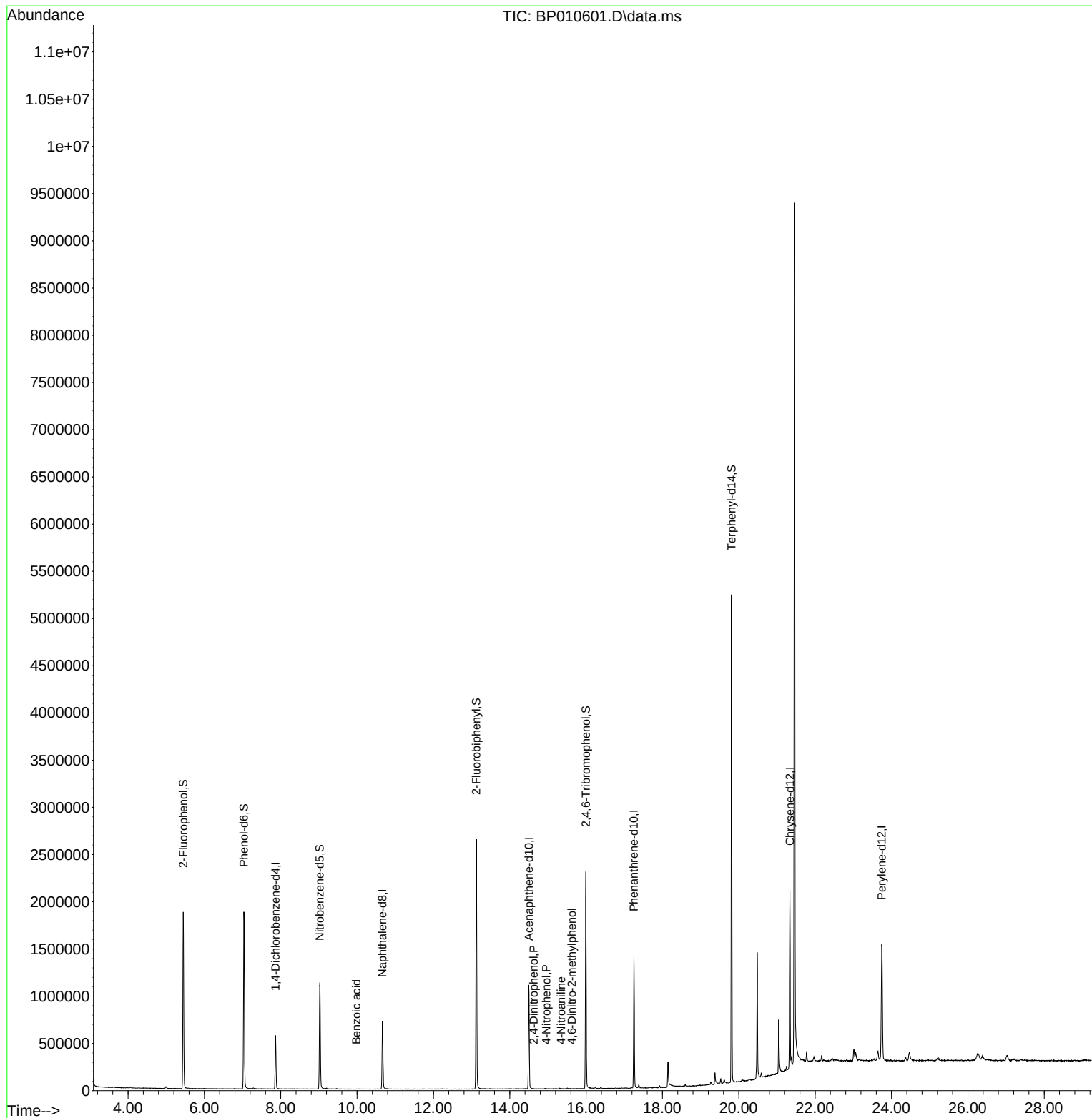
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	146815	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	576625	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	377316	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	823408	20.000	ng	0.00
76) Chrysene-d12	21.339	240	870544	20.000	ng	0.00
86) Perylene-d12	23.745	264	939567	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	706218	87.754	ng	0.00
7) Phenol-d6	7.034	99	952243	83.348	ng	0.00
23) Nitrobenzene-d5	9.022	82	641023	52.558	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	375568	87.933	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1330329	50.039	ng	0.00
79) Terphenyl-d14	19.810	244	2205682	47.590	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.981	122	18	7.326	ng	# 1
54) 2,4-Dinitrophenol	14.628	184	14	6.649	ng	# 1
56) 4-Nitrophenol	14.957	139	29	3.603	ng	94
62) 4-Nitroaniline	15.345	138	22	2.136	ng	96
65) 4,6-Dinitro-2-methylph...	15.628	198	16	4.605	ng	# 1

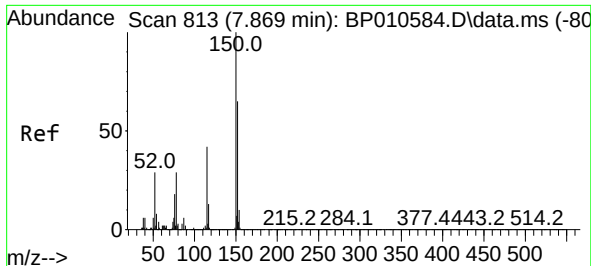
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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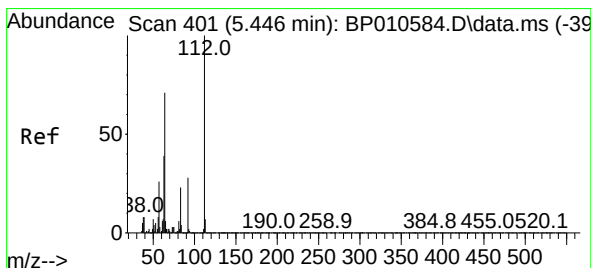
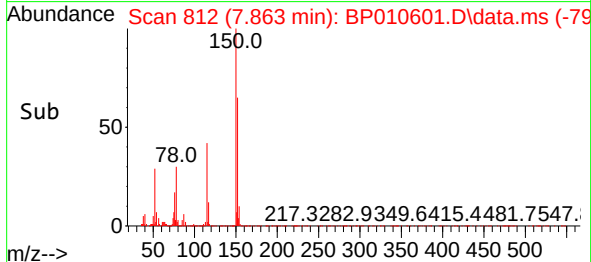
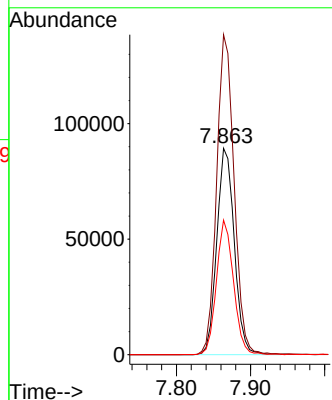
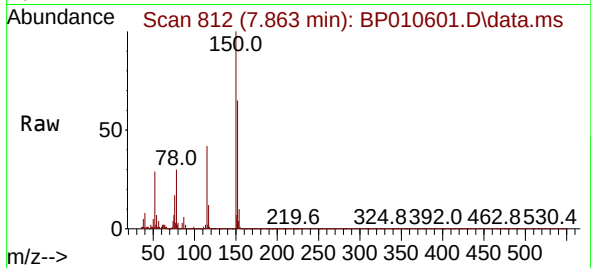




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

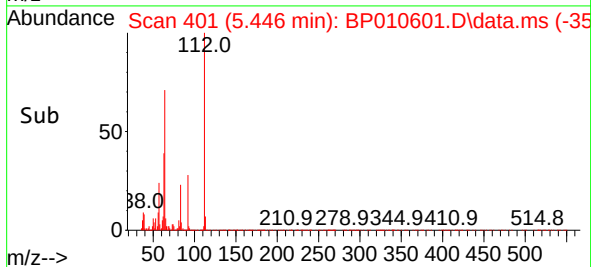
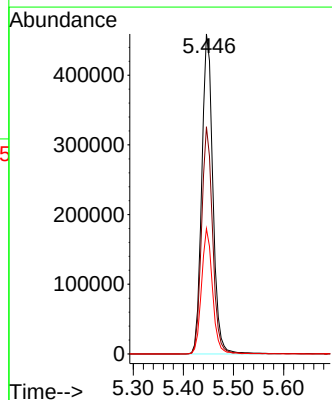
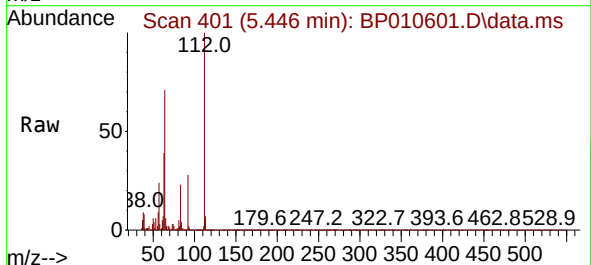
Instrument :
BNA_P
ClientSampleId :
SOUTH-SW

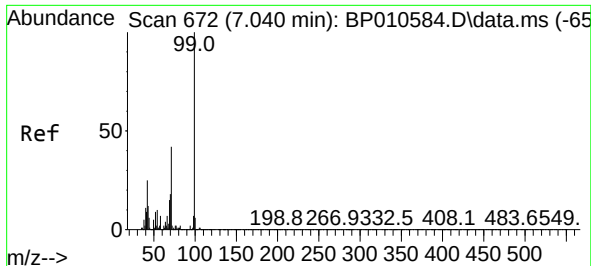
Tgt Ion:152 Resp: 146815
Ion Ratio Lower Upper
152 100
150 155.0 123.4 185.2
115 65.2 51.3 76.9



#5
2-Fluorophenol
Concen: 87.754 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

Tgt Ion:112 Resp: 706218
Ion Ratio Lower Upper
112 100
64 71.0 56.9 85.3
63 39.1 31.2 46.8

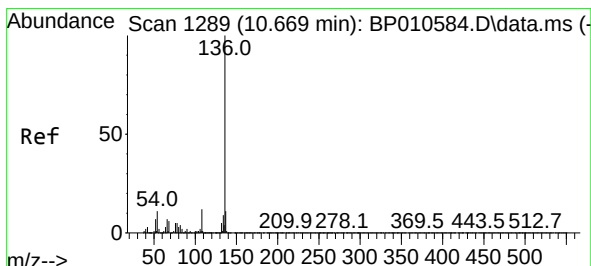
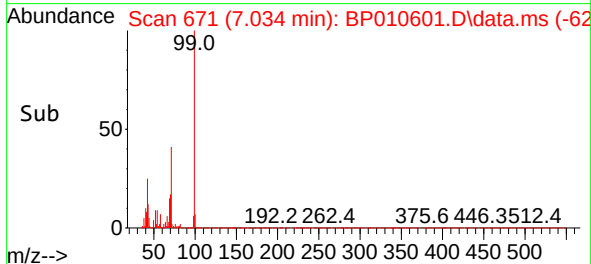
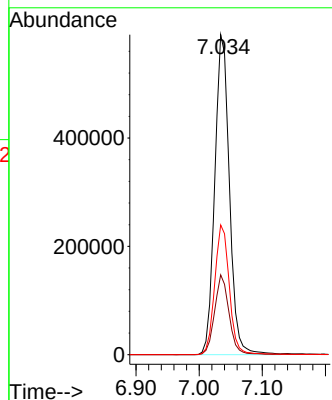
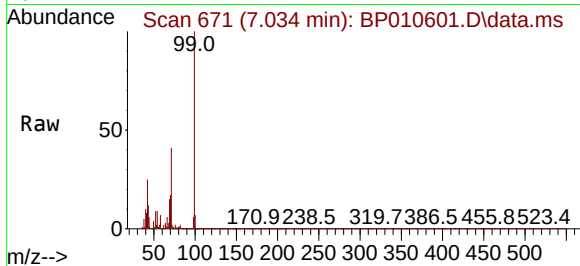




#7
Phenol-d6
Concen: 83.348 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

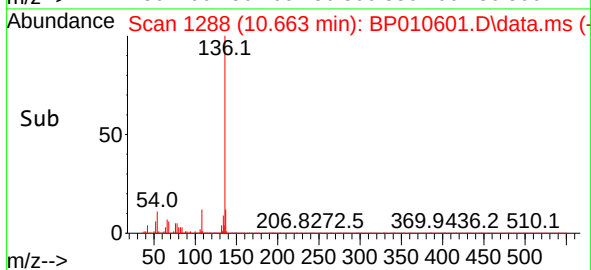
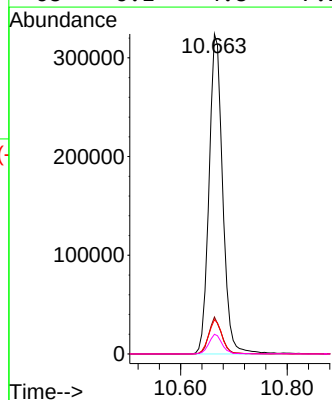
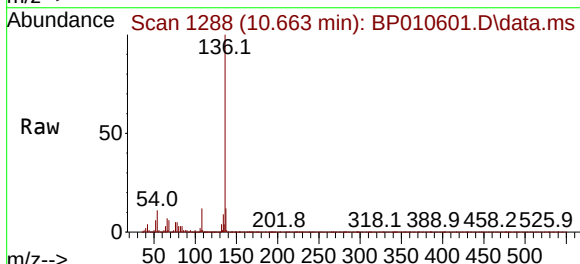
Instrument :
BNA_P
ClientSampleId :
SOUTH-SW

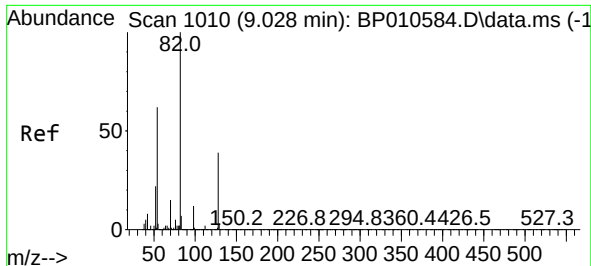
Tgt Ion: 99 Resp: 952243
Ion Ratio Lower Upper
99 100
42 24.9 20.3 30.5
71 40.6 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

Tgt Ion:136 Resp: 576625
Ion Ratio Lower Upper
136 100
137 11.5 9.0 13.4
54 10.7 8.7 13.1
68 6.1 4.8 7.2

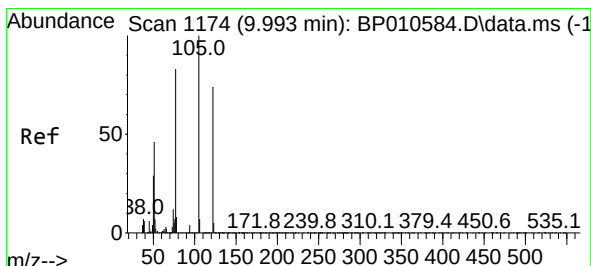
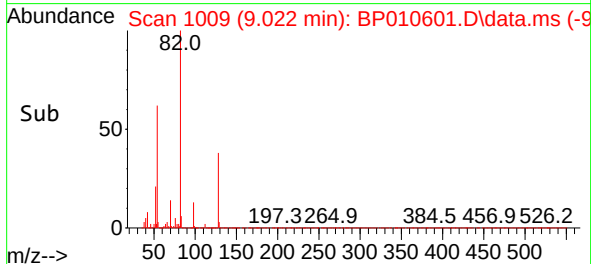
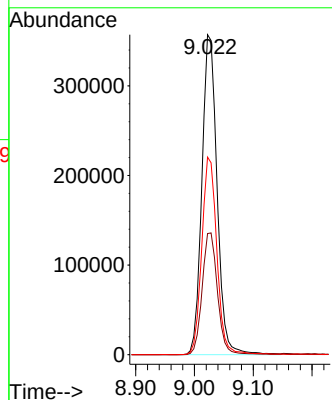
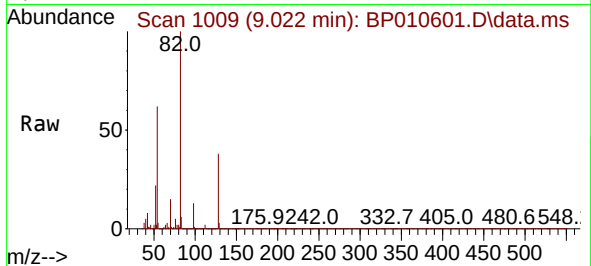




#23
Nitrobenzene-d5
Concen: 52.558 ng
RT: 9.022 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

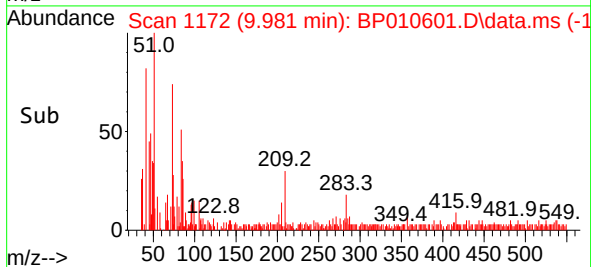
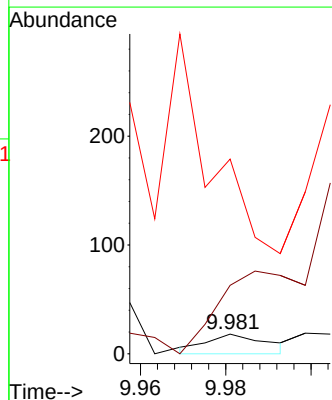
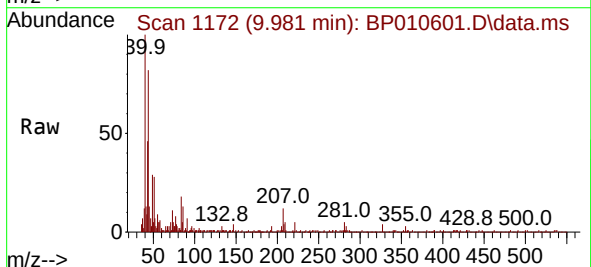
Instrument :
BNA_P
ClientSampleId :
SOUTH-SW

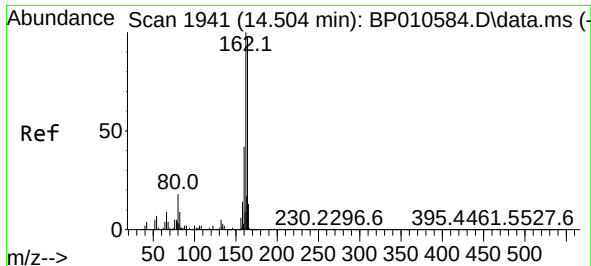
Tgt Ion: 82 Resp: 641023
Ion Ratio Lower Upper
82 100
128 37.9 31.3 46.9
54 61.8 49.8 74.8



#32
Benzoic acid
Concen: 7.326 ng
RT: 9.981 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

Tgt Ion: 122 Resp: 18
Ion Ratio Lower Upper
122 100
105 350.0 112.6 152.6#
77 994.4 90.2 130.2#

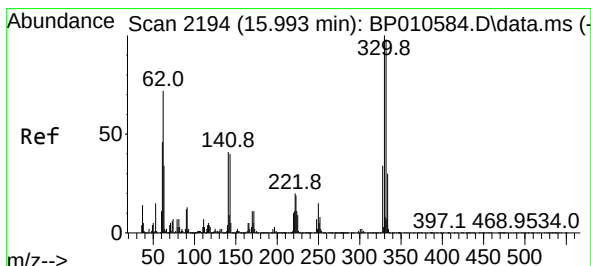
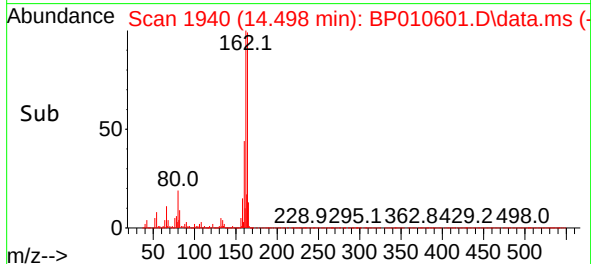
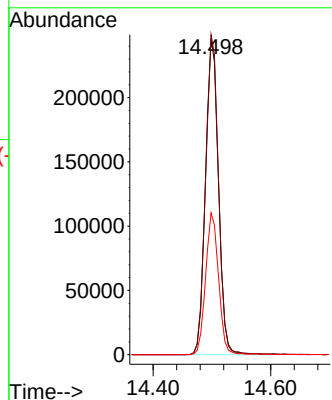
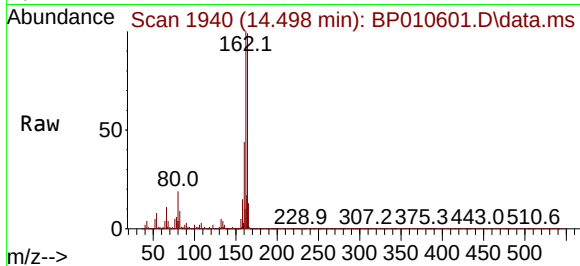




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

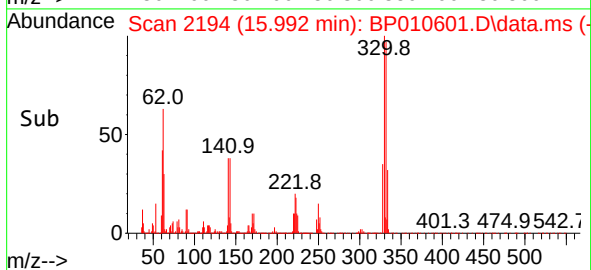
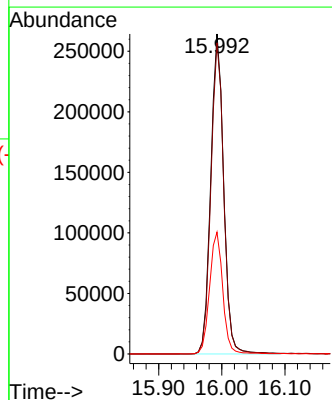
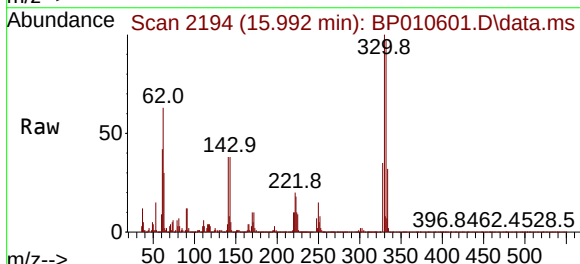
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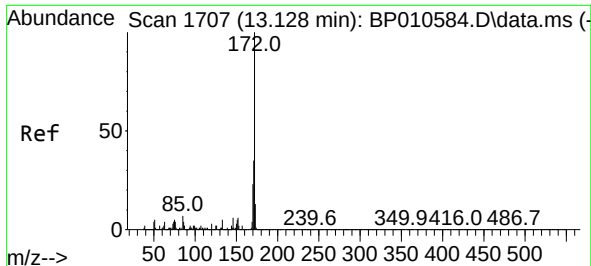
Tgt Ion:164 Resp: 377316
Ion Ratio Lower Upper
164 100
162 101.2 81.9 122.9
160 44.8 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 87.933 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

Tgt Ion:330 Resp: 375568
Ion Ratio Lower Upper
330 100
332 97.0 78.1 117.1
141 38.8 31.4 47.2

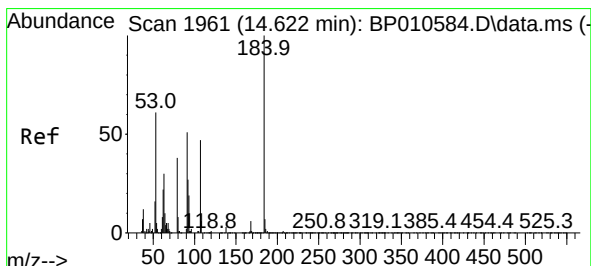
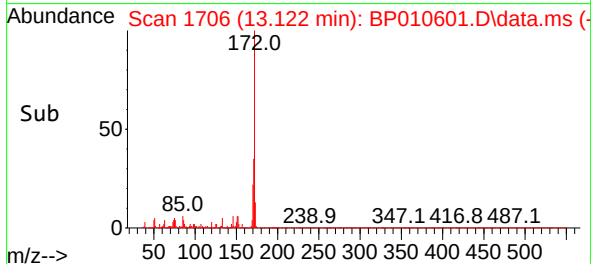
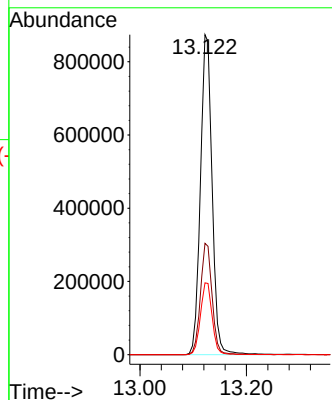
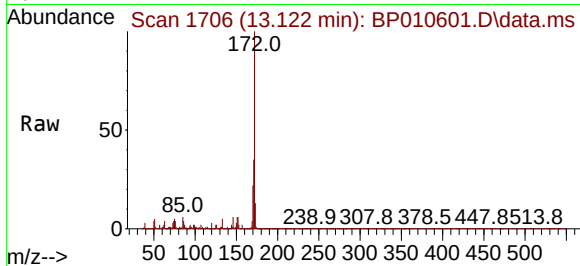




#45
2-Fluorobiphenyl
Concen: 50.039 ng
RT: 13.122 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

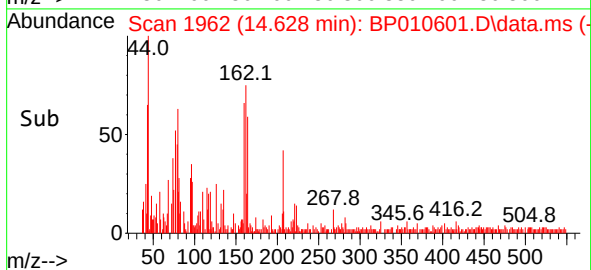
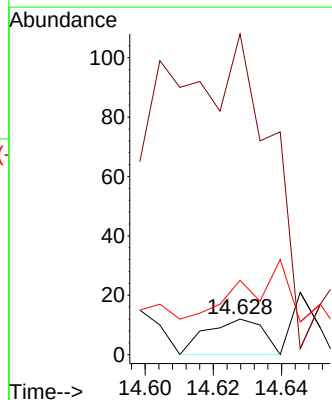
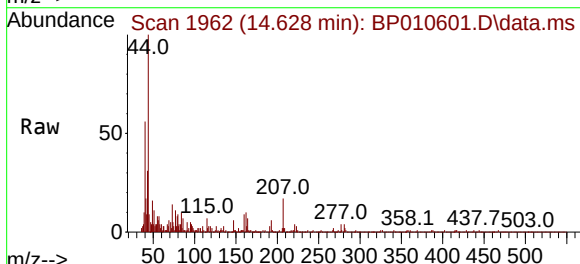
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BNA_P
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SOUTH-SW

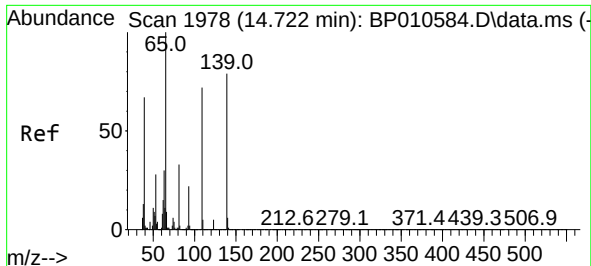
Tgt Ion:172 Resp: 1330329
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 22.4 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.649 ng
RT: 14.628 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

Tgt Ion:184 Resp: 14
Ion Ratio Lower Upper
184 100
63 900.0 65.4 98.2#
154 208.3 55.4 83.2#

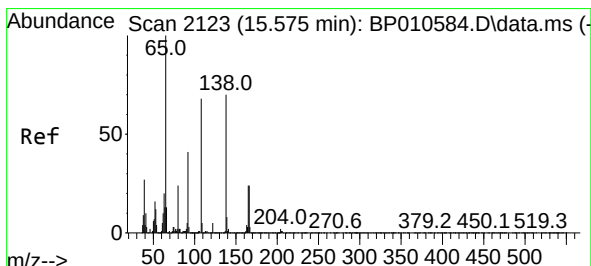
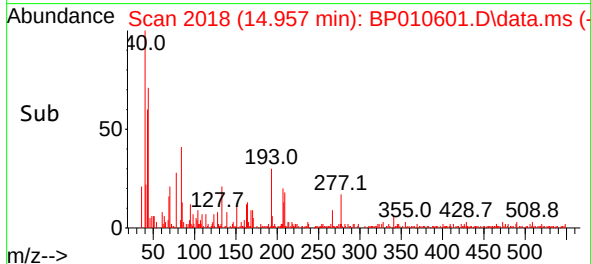
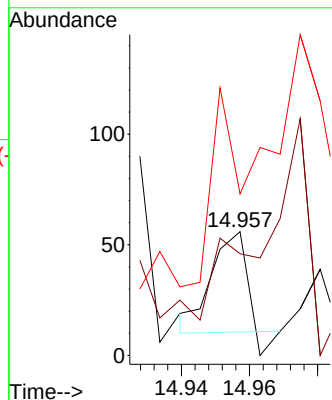
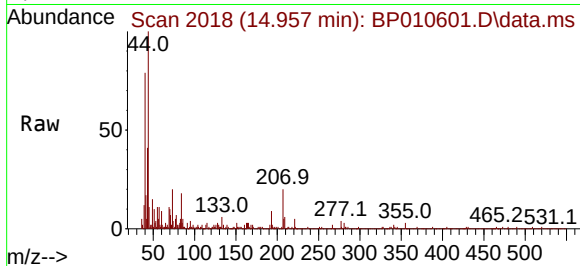




#56
4-Nitrophenol
Concen: 3.603 ng
RT: 14.957 min Scan# 2018
Delta R.T. 0.235 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

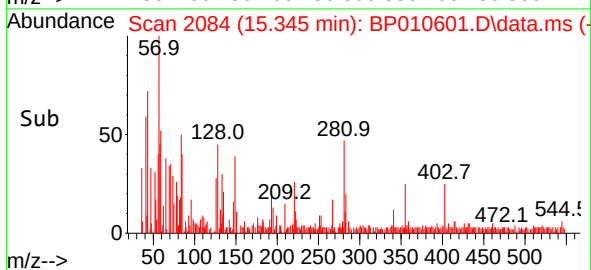
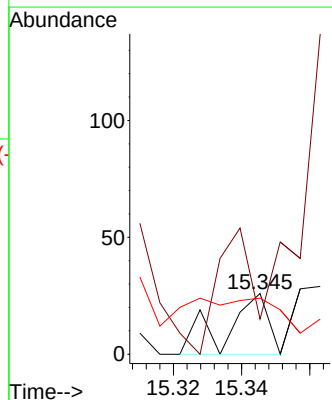
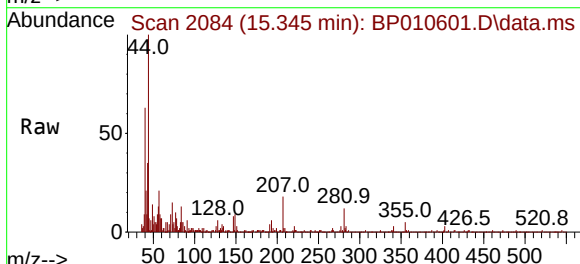
Instrument :
BNA_P
ClientSampleId :
SOUTH-SW

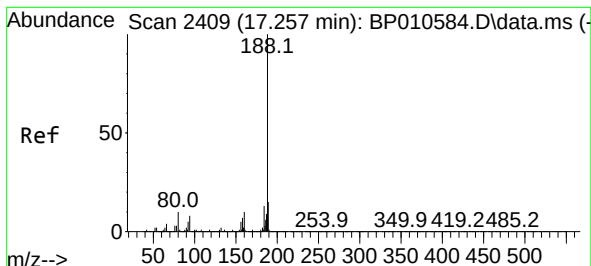
Tgt Ion:139 Resp: 29
Ion Ratio Lower Upper
139 100
109 82.1 70.6 110.6
65 130.4 106.6 146.6



#62
4-Nitroaniline
Concen: 2.136 ng
RT: 15.345 min Scan# 2084
Delta R.T. -0.230 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

Tgt Ion:138 Resp: 22
Ion Ratio Lower Upper
138 100
92 57.7 38.0 78.0
108 92.3 77.6 117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.251 min Scan# 2409

Delta R.T. -0.006 min

Lab File: BP010601.D

Acq: 28 May 2022 15:43

Instrument :

BNA_P

ClientSampleId :

SOUTH-SW

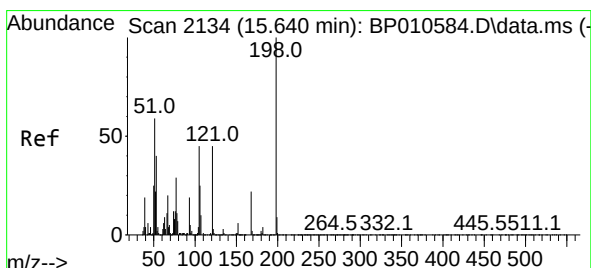
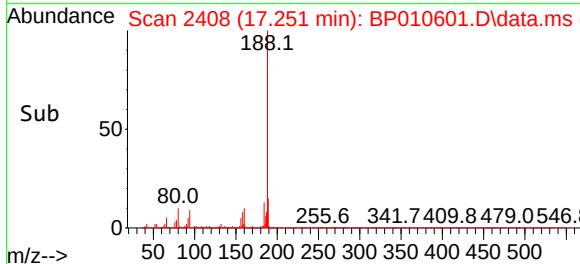
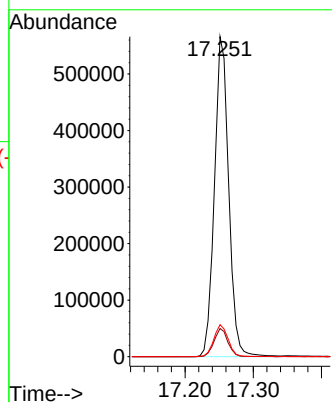
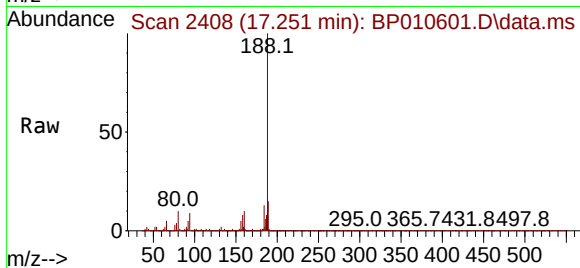
Tgt Ion:188 Resp: 823408

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

80 10.0 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.605 ng

RT: 15.628 min Scan# 2132

Delta R.T. -0.012 min

Lab File: BP010601.D

Acq: 28 May 2022 15:43

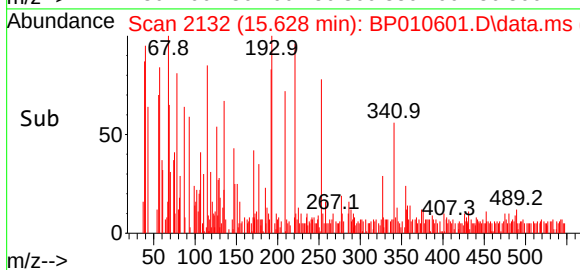
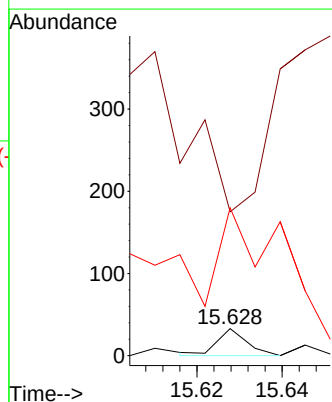
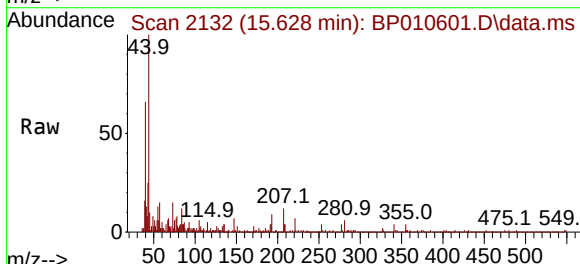
Tgt Ion:198 Resp: 16

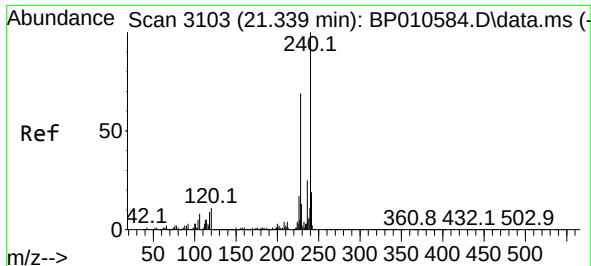
Ion Ratio Lower Upper

198 100

51 530.3 41.2 81.2#

105 545.5 25.3 65.3#

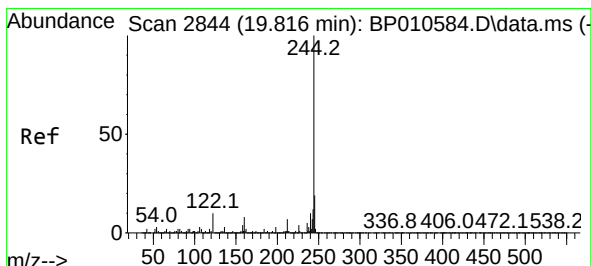
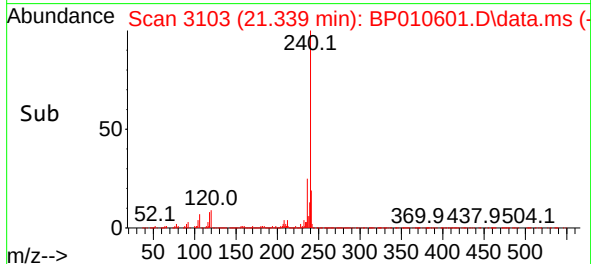
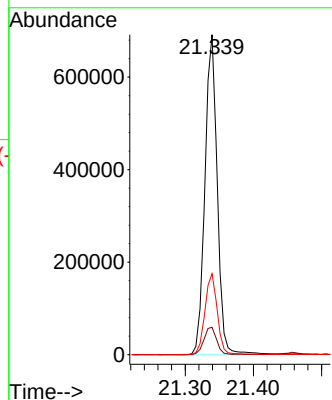
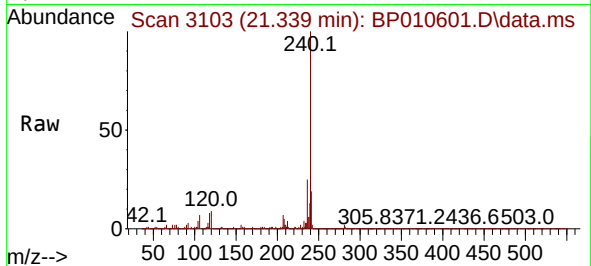




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

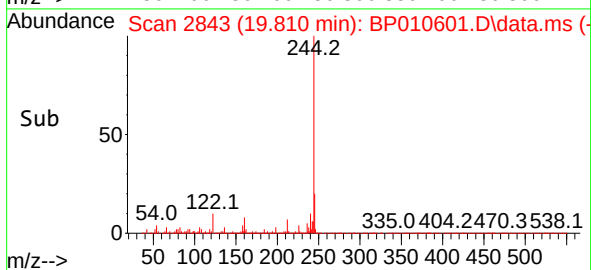
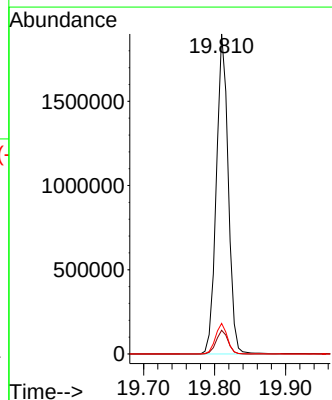
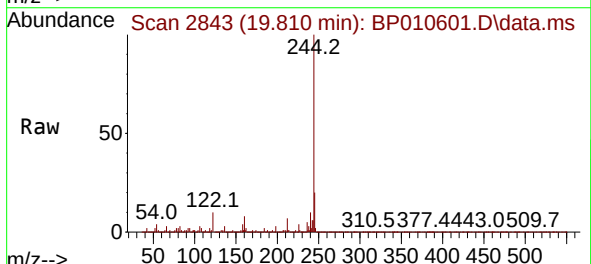
Instrument :
BNA_P
ClientSampleId :
SOUTH-SW

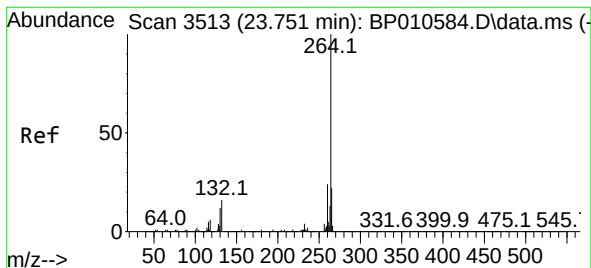
Tgt Ion:240 Resp: 870544
Ion Ratio Lower Upper
240 100
120 8.6 8.6 12.8
236 25.3 19.8 29.6



#79
Terphenyl-d14
Concen: 47.590 ng
RT: 19.810 min Scan# 2843
Delta R.T. -0.006 min
Lab File: BP010601.D
Acq: 28 May 2022 15:43

Tgt Ion:244 Resp: 2205682
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 9.6 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.745 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP010601.D

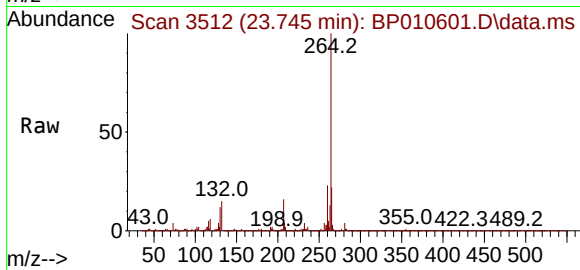
Acq: 28 May 2022 15:43

Instrument :

BNA_P

ClientSampleId :

SOUTH-SW



Tgt Ion:264 Resp: 939567

Ion Ratio Lower Upper

264 100

260 23.3 19.3 28.9

265 22.1 18.0 27.0

