

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010602.D
 Acq On : 28 May 2022 16:17
 Operator : CG/JU
 Sample : N3025-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WEST-SW

Quant Time: May 28 23:37:12 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)

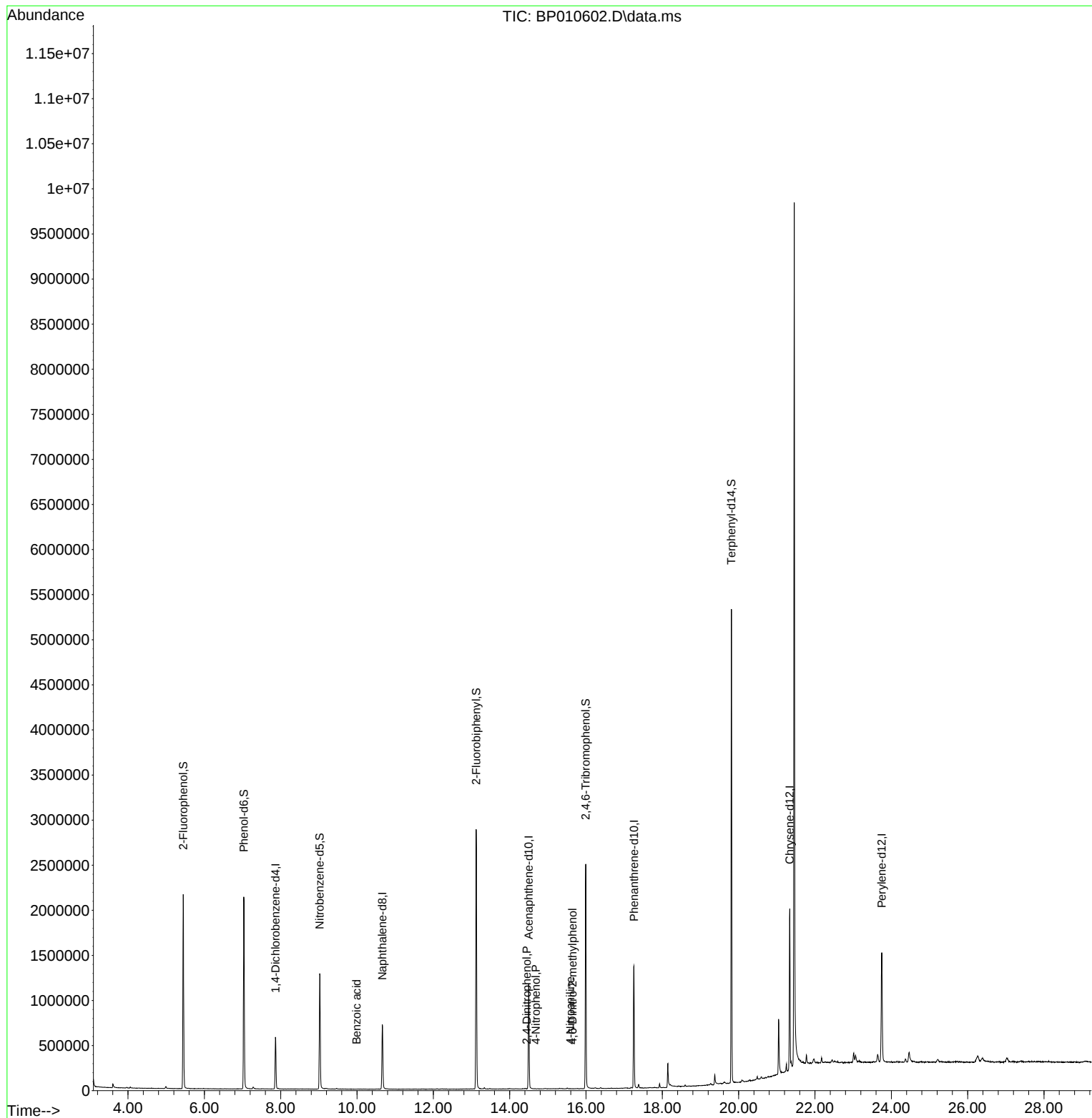
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	148241	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	591628	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	392491	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	845295	20.000	ng	0.00
76) Chrysene-d12	21.339	240	867359	20.000	ng	# 0.00
86) Perylene-d12	23.751	264	918370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	815275	100.331	ng	0.00
7) Phenol-d6	7.034	99	1087823	94.299	ng	0.00
23) Nitrobenzene-d5	9.022	82	730675	58.390	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	412498	92.846	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	1441036	52.108	ng	0.00
79) Terphenyl-d14	19.810	244	2357483	51.052	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.987	122	57	7.332	ng	# 1
54) 2,4-Dinitrophenol	14.451	184	9	6.648	ng	92
56) 4-Nitrophenol	14.686	139	38	3.604	ng	86
62) 4-Nitroaniline	15.592	138	30	2.137	ng	89
65) 4,6-Dinitro-2-methylph...	15.645	198	14	4.605	ng	# 1

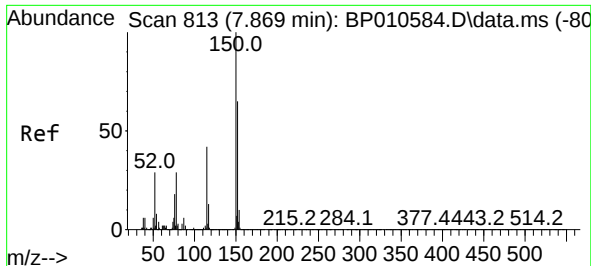
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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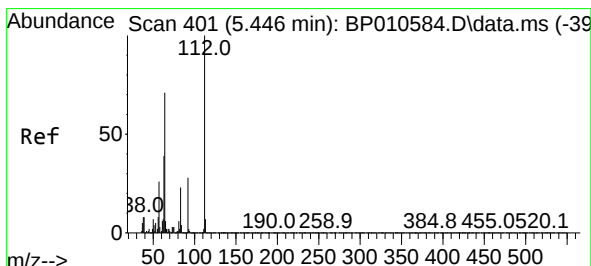
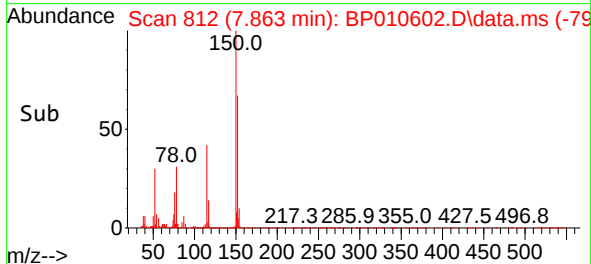
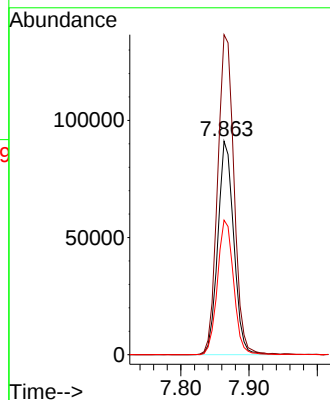
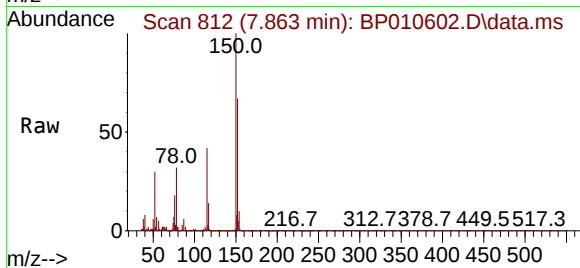




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

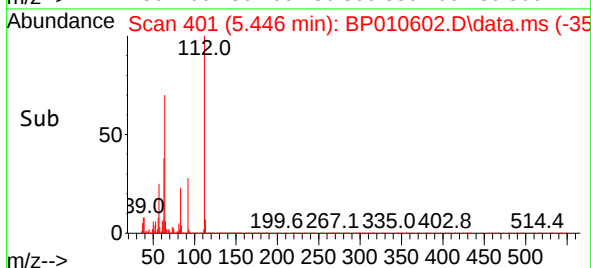
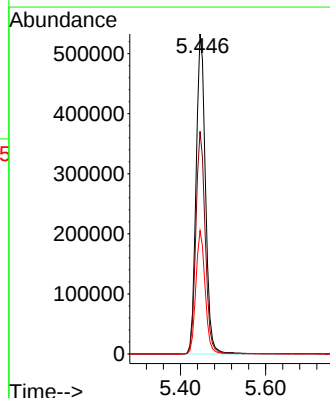
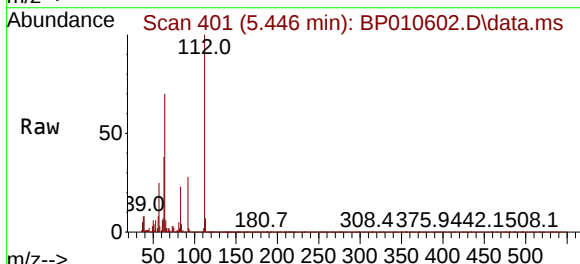
Instrument :
BNA_P
ClientSampleId :
WEST-SW

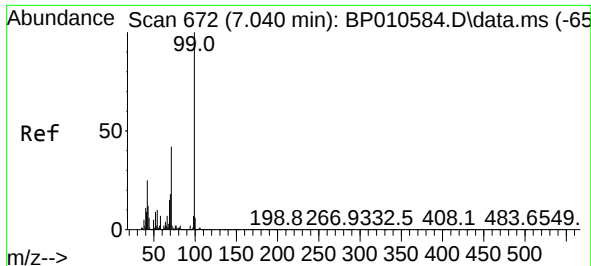
Tgt Ion:152 Resp: 148241
Ion Ratio Lower Upper
152 100
150 149.9 123.4 185.2
115 63.0 51.3 76.9



#5
2-Fluorophenol
Concen: 100.331 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

Tgt Ion:112 Resp: 815275
Ion Ratio Lower Upper
112 100
64 69.6 56.9 85.3
63 38.5 31.2 46.8

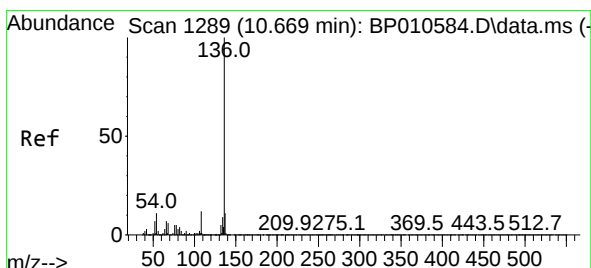
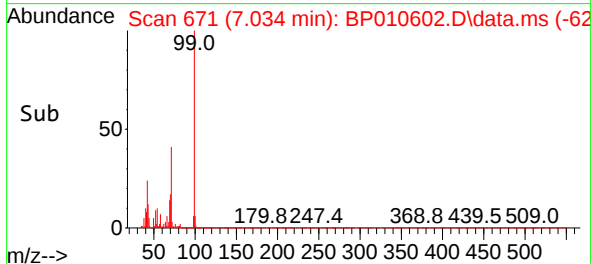
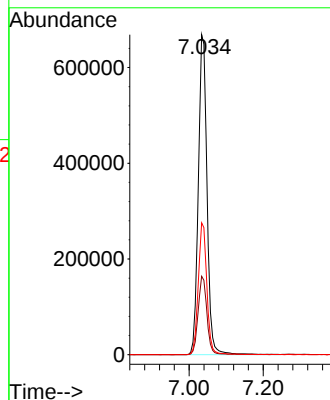
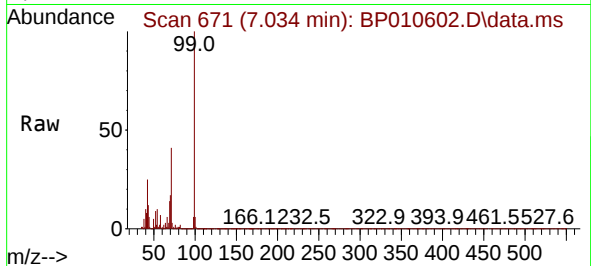




#7
Phenol-d6
Concen: 94.299 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

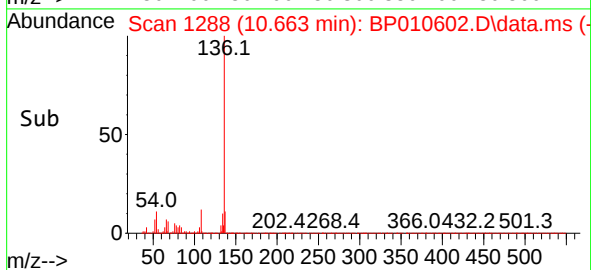
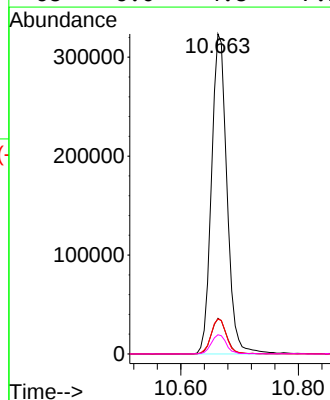
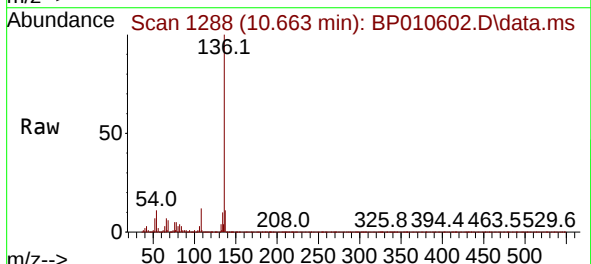
Instrument :
BNA_P
ClientSampleId :
WEST-SW

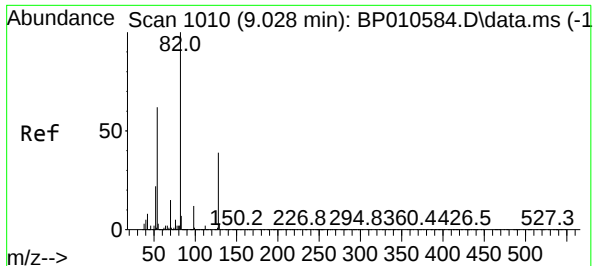
Tgt Ion: 99 Resp: 1087823
Ion Ratio Lower Upper
99 100
42 24.5 20.3 30.5
71 41.2 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

Tgt Ion: 136 Resp: 591628
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 10.9 8.7 13.1
68 6.0 4.8 7.2

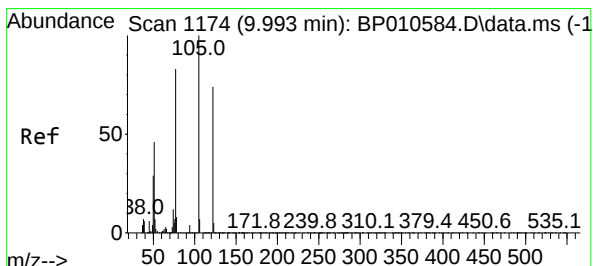
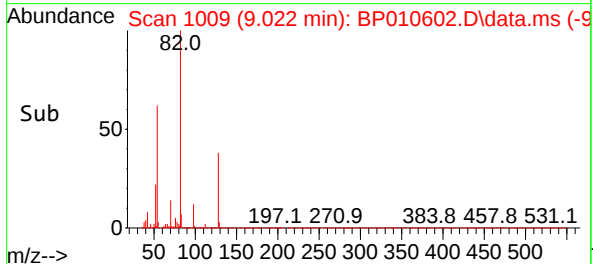
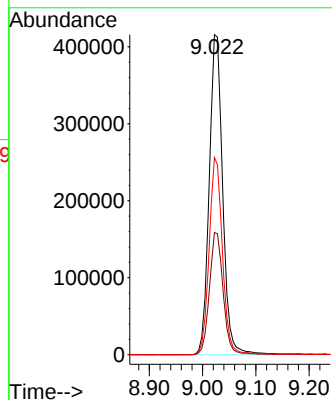
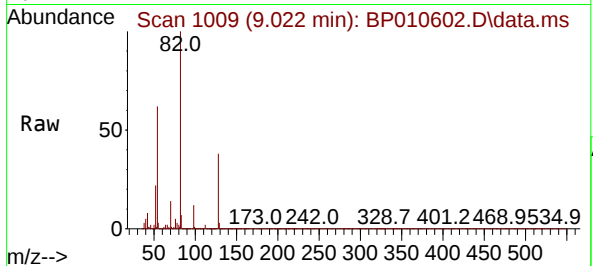




#23
Nitrobenzene-d5
Concen: 58.390 ng
RT: 9.022 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

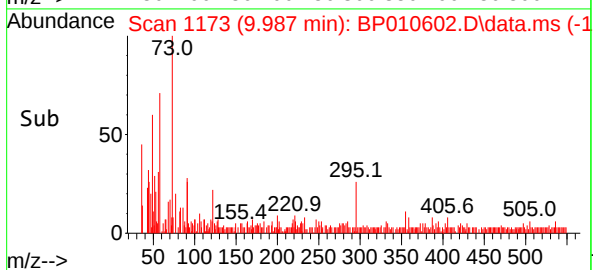
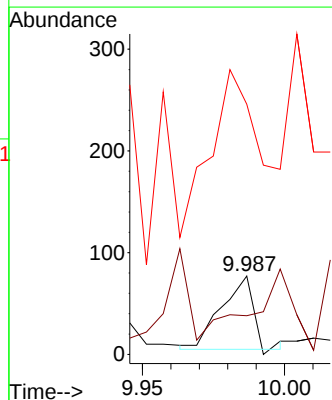
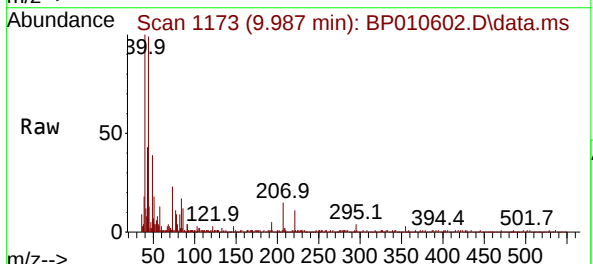
Instrument :
BNA_P
ClientSampleId :
WEST-SW

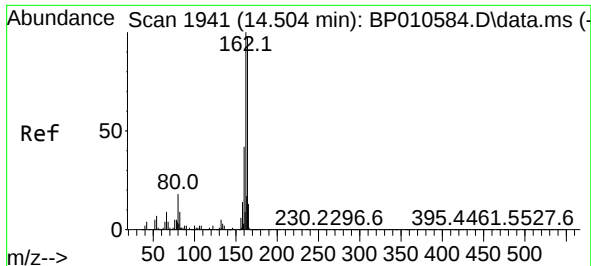
Tgt Ion: 82 Resp: 730675
Ion Ratio Lower Upper
82 100
128 38.2 31.3 46.9
54 61.6 49.8 74.8



#32
Benzoic acid
Concen: 7.332 ng
RT: 9.987 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

Tgt Ion: 122 Resp: 57
Ion Ratio Lower Upper
122 100
105 49.4 112.6 152.6#
77 319.5 90.2 130.2#

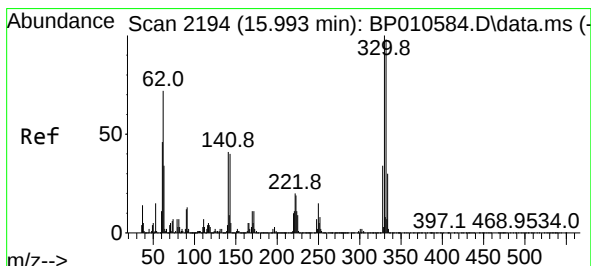
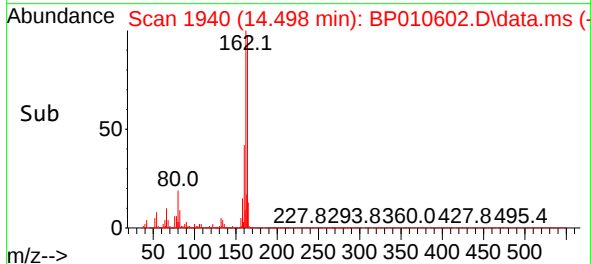
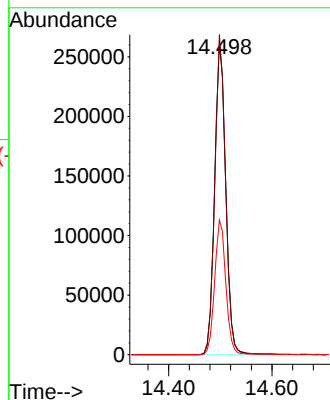
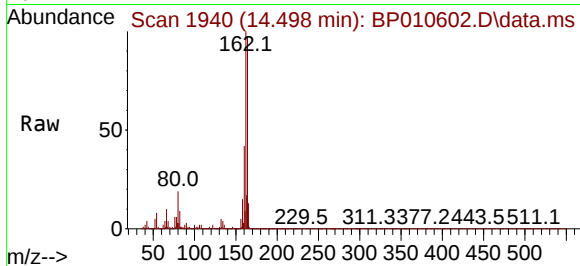




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

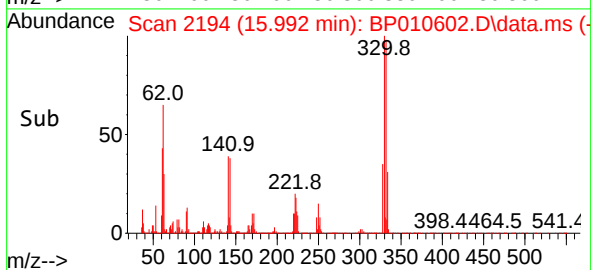
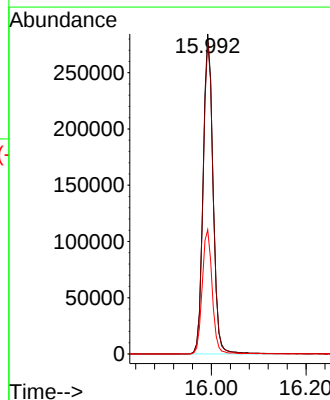
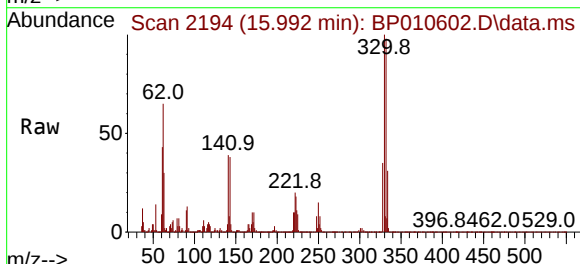
Instrument :
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ClientSampleId :
WEST-SW

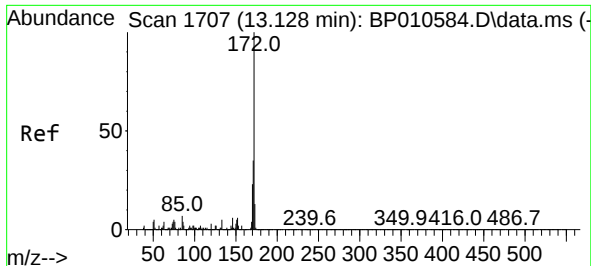
Tgt Ion:164 Resp: 392491
Ion Ratio Lower Upper
164 100
162 102.9 81.9 122.9
160 43.3 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 92.846 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

Tgt Ion:330 Resp: 412498
Ion Ratio Lower Upper
330 100
332 97.8 78.1 117.1
141 39.0 31.4 47.2

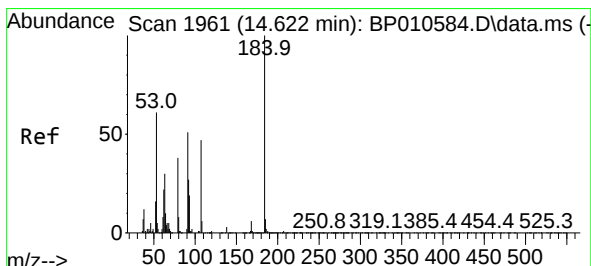
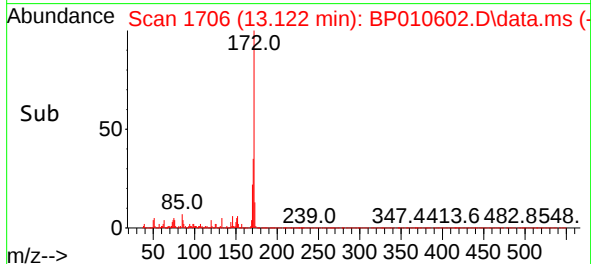
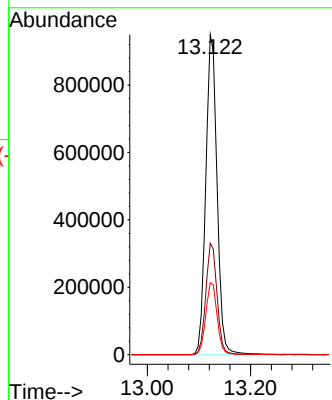
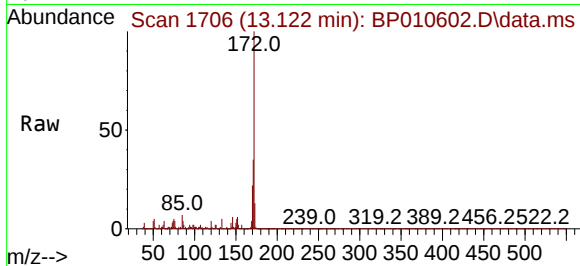




#45
2-Fluorobiphenyl
Concen: 52.108 ng
RT: 13.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

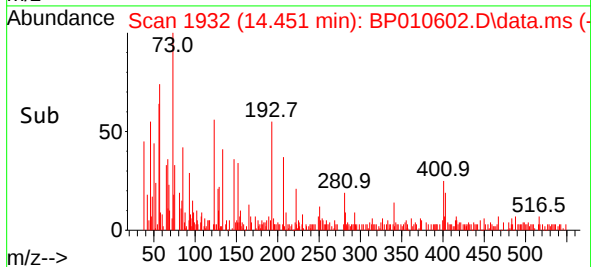
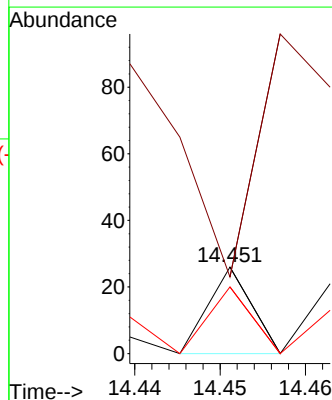
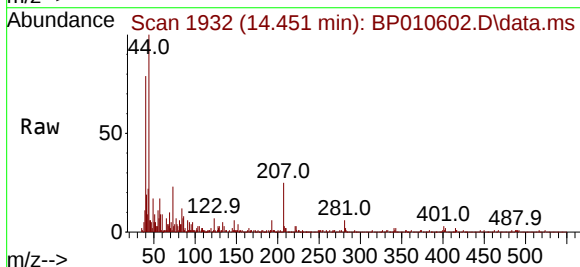
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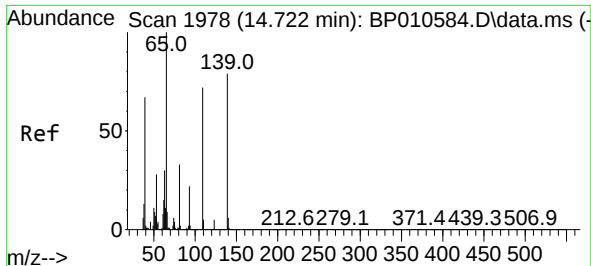
Tgt Ion:172 Resp: 1441036
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 22.5 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.648 ng
RT: 14.451 min Scan# 1932
Delta R.T. -0.171 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

Tgt Ion:184 Resp: 9
Ion Ratio Lower Upper
184 100
63 88.5 65.4 98.2
154 76.9 55.4 83.2

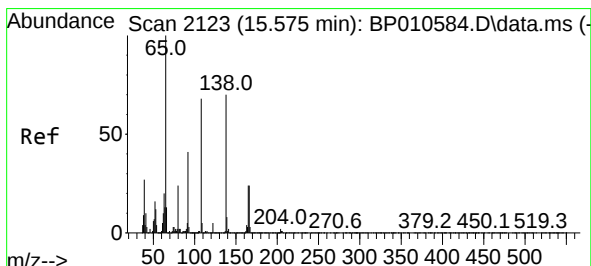
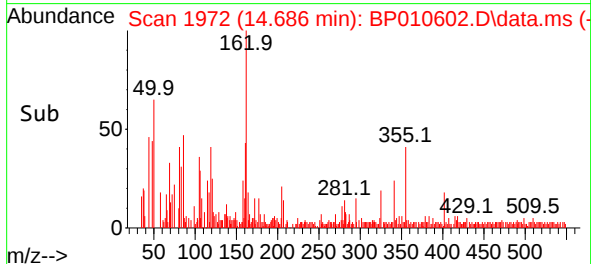
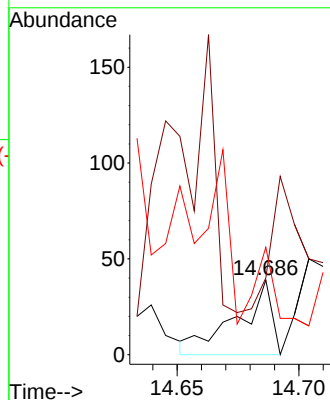
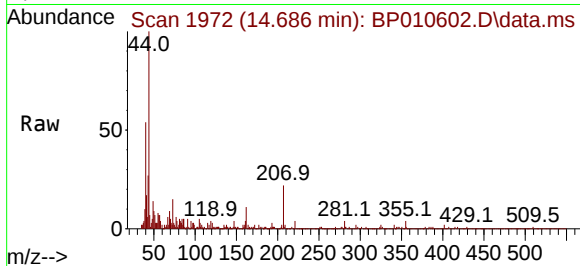




#56
4-Nitrophenol
Concen: 3.604 ng
RT: 14.686 min Scan# 1978
Delta R.T. -0.036 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

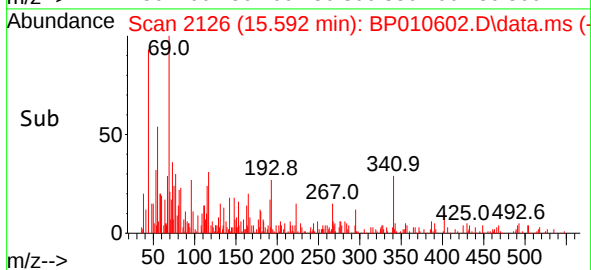
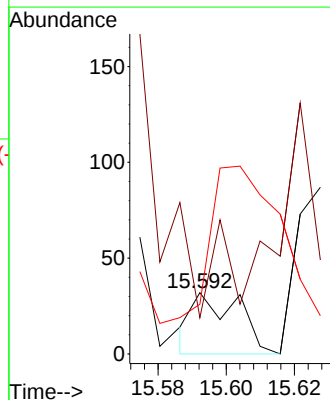
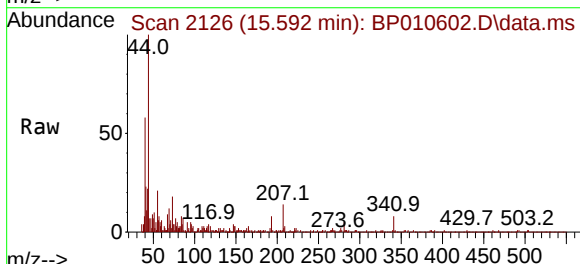
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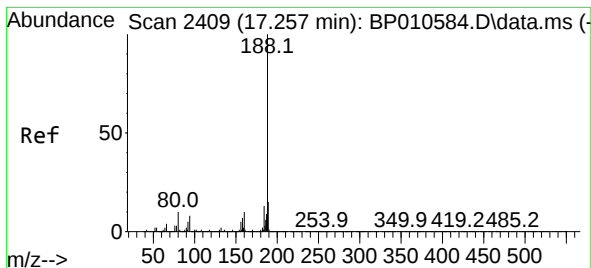
Tgt Ion:139 Resp: 38
Ion Ratio Lower Upper
139 100
109 102.6 70.6 110.6
65 143.6 106.6 146.6



#62
4-Nitroaniline
Concen: 2.137 ng
RT: 15.592 min Scan# 2126
Delta R.T. 0.017 min
Lab File: BP010602.D
Acq: 28 May 2022 16:17

Tgt Ion:138 Resp: 30
Ion Ratio Lower Upper
138 100
92 59.4 38.0 78.0
108 81.3 77.6 117.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.257 min Scan# 2409

Delta R.T. -0.000 min

Lab File: BP010602.D

Acq: 28 May 2022 16:17

Instrument :

BNA_P

ClientSampleId :

WEST-SW

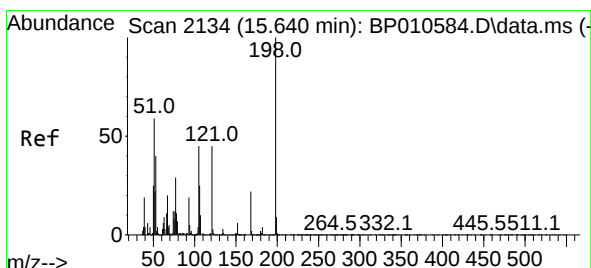
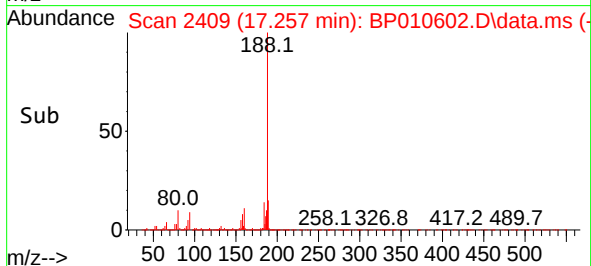
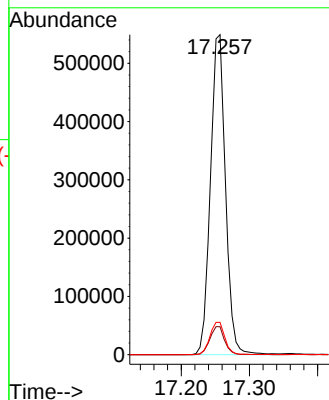
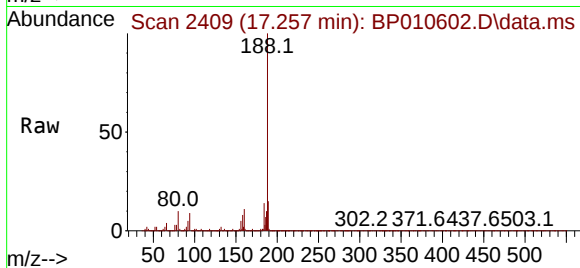
Tgt Ion:188 Resp: 845295

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 10.1 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.605 ng

RT: 15.645 min Scan# 2135

Delta R.T. 0.005 min

Lab File: BP010602.D

Acq: 28 May 2022 16:17

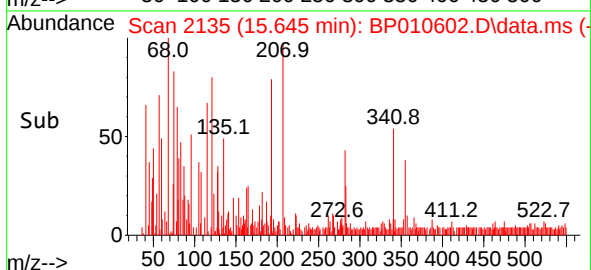
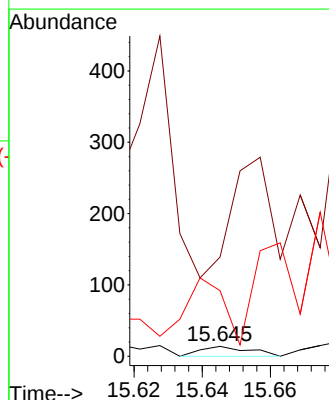
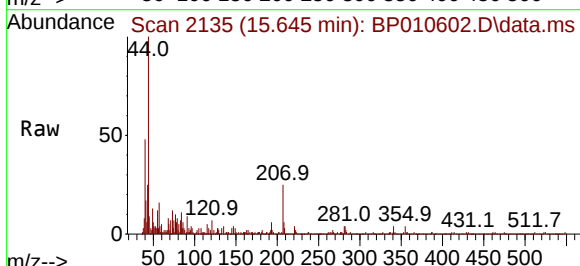
Tgt Ion:198 Resp: 14

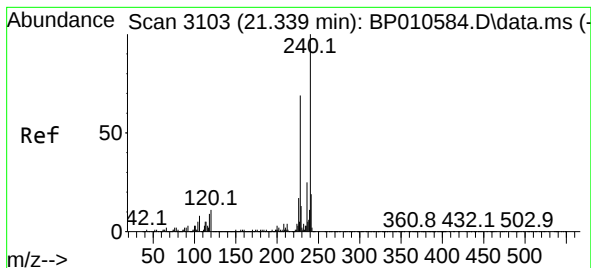
Ion Ratio Lower Upper

198 100

51 992.9 41.2 81.2#

105 657.1 25.3 65.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.339 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP010602.D

Acq: 28 May 2022 16:17

Instrument :

BNA_P

ClientSampleId :

WEST-SW

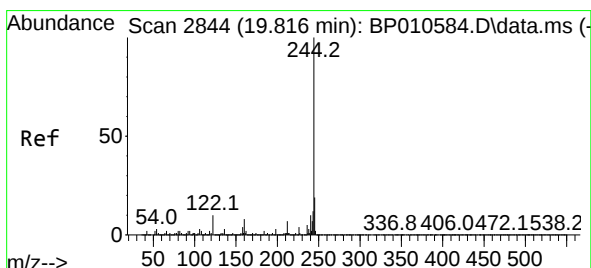
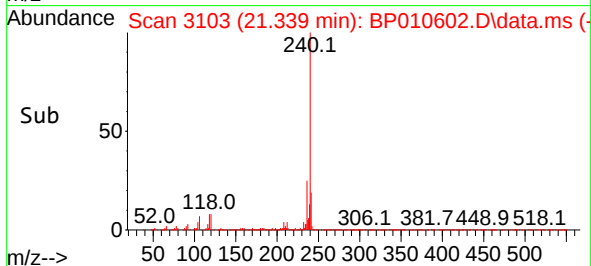
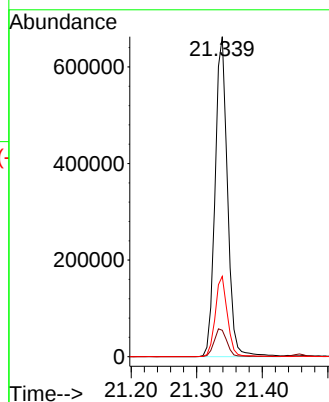
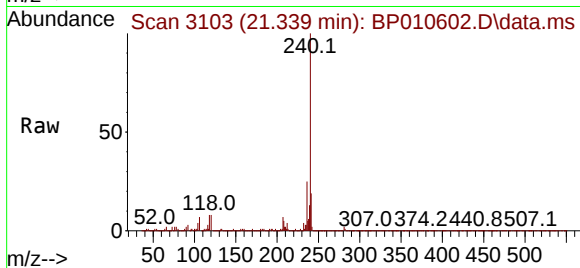
Tgt Ion:240 Resp: 867359

Ion Ratio Lower Upper

240 100

120 8.2 8.6 12.8#

236 25.1 19.8 29.6



#79

Terphenyl-d14

Concen: 51.052 ng

RT: 19.810 min Scan# 2843

Delta R.T. -0.006 min

Lab File: BP010602.D

Acq: 28 May 2022 16:17

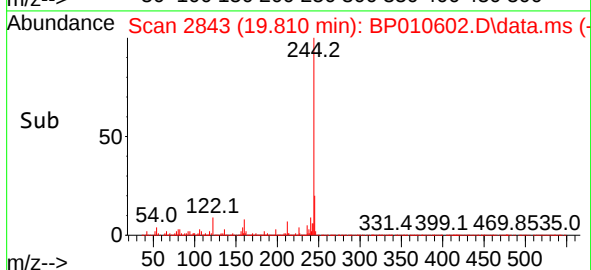
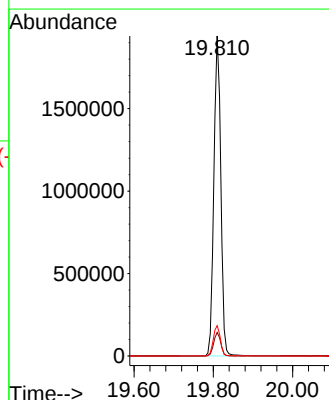
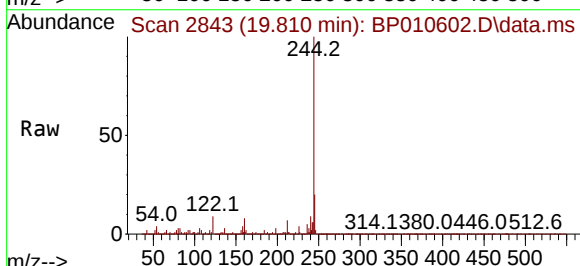
Tgt Ion:244 Resp: 2357483

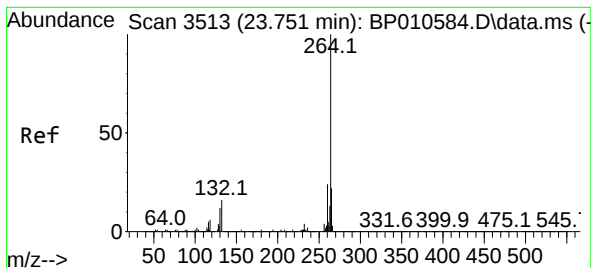
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 9.4 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP010602.D

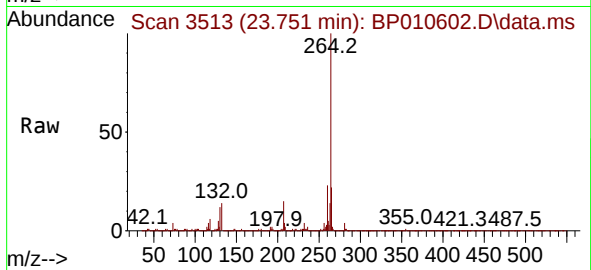
Acq: 28 May 2022 16:17

Instrument :

BNA_P

ClientSampleId :

WEST-SW



Tgt Ion:264 Resp: 918370

Ion Ratio Lower Upper

264 100

260 22.8 19.3 28.9

265 21.9 18.0 27.0

