

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052822\
 Data File : BP010600.D
 Acq On : 28 May 2022 15:09
 Operator : CG/JU
 Sample : N3087-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: May 28 23:36:52 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)

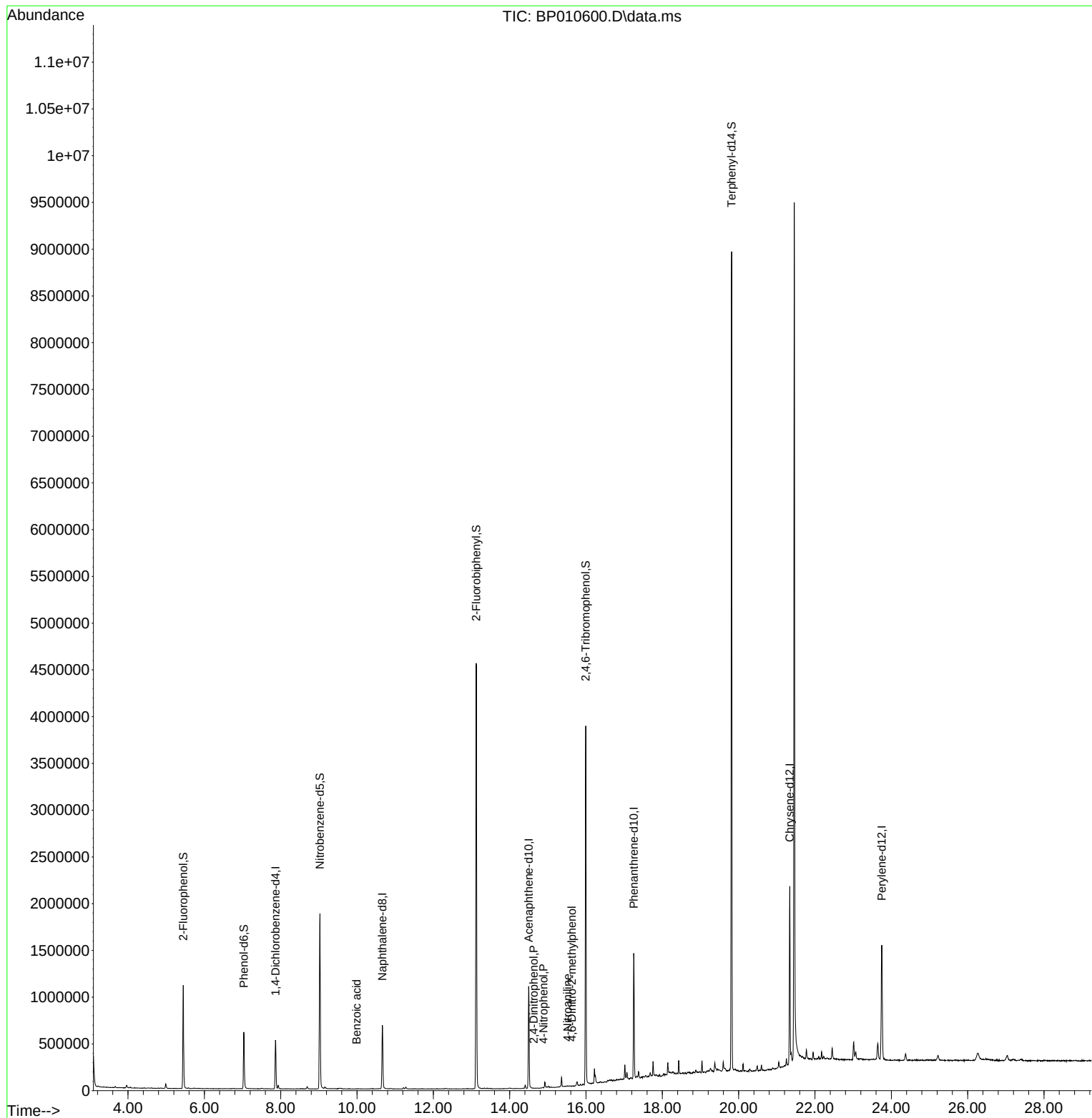
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	137633	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	556018	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	374702	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	798668	20.000	ng	0.00
76) Chrysene-d12	21.339	240	870802	20.000	ng	0.00
86) Perylene-d12	23.751	264	970180	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	420954	55.797	ng	0.00
7) Phenol-d6	7.034	99	323761	30.229	ng	0.00
23) Nitrobenzene-d5	9.028	82	1057119	89.887	ng	0.00
42) 2,4,6-Tribromophenol	15.992	330	632901	149.218	ng	0.00
45) 2-Fluorobiphenyl	13.128	172	2253541	85.356	ng	0.00
79) Terphenyl-d14	19.816	244	4005467	86.397	ng	0.00
Target Compounds						
						Qvalue
32) Benzoic acid	9.987	122	298	7.373	ng	# 83
54) 2,4-Dinitrophenol	14.628	184	8	6.648	ng	# 1
56) 4-Nitrophenol	14.887	139	104	3.618	ng	89
62) 4-Nitroaniline	15.516	138	239	2.171	ng	88
65) 4,6-Dinitro-2-methylph...	15.628	198	7	4.604	ng	# 1

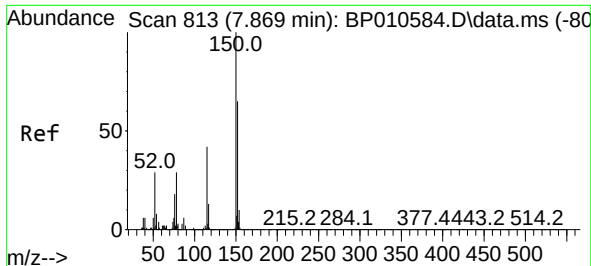
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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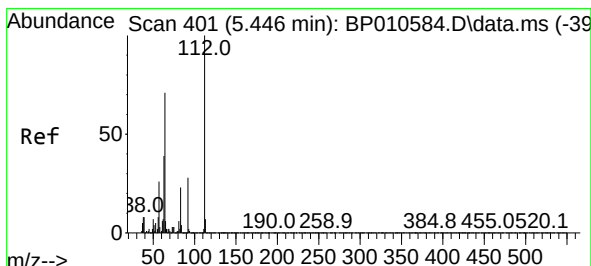
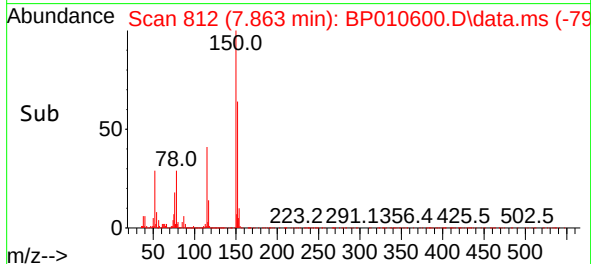
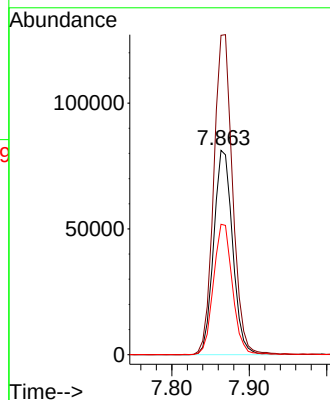
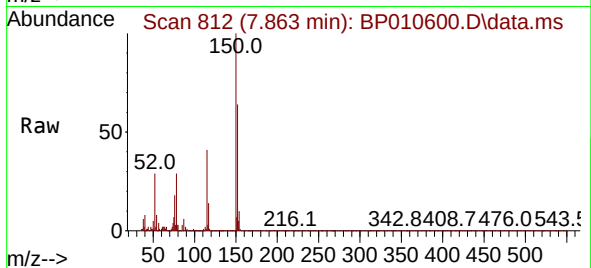




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

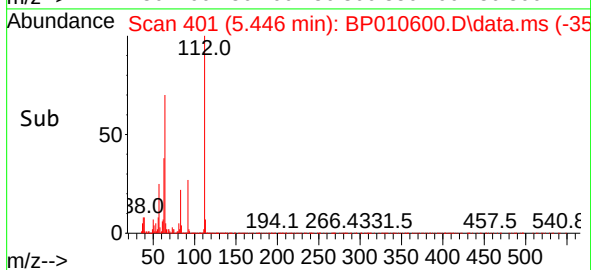
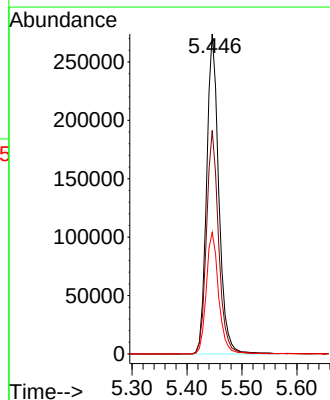
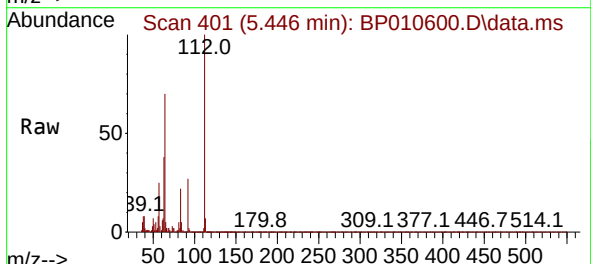
Instrument :
BNA_P
ClientSampleId :
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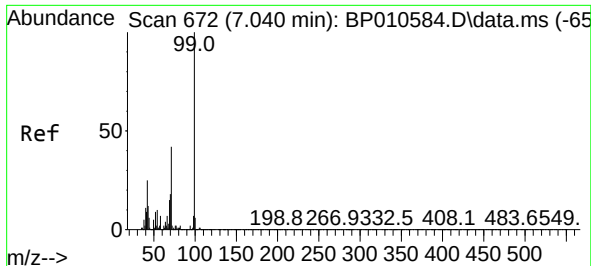
Tgt Ion:152 Resp: 137633
Ion Ratio Lower Upper
152 100
150 156.2 123.4 185.2
115 63.8 51.3 76.9



#5
2-Fluorophenol
Concen: 55.797 ng
RT: 5.446 min Scan# 401
Delta R.T. -0.000 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

Tgt Ion:112 Resp: 420954
Ion Ratio Lower Upper
112 100
64 69.8 56.9 85.3
63 38.0 31.2 46.8

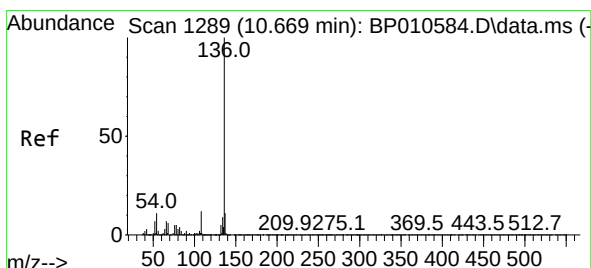
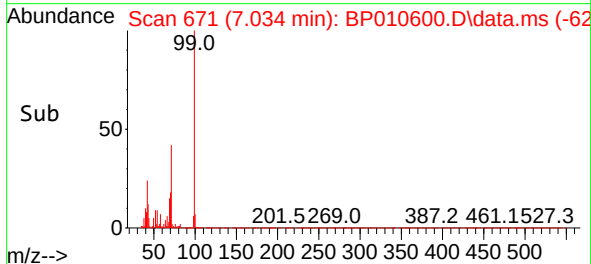
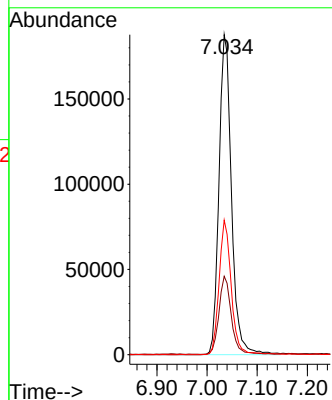
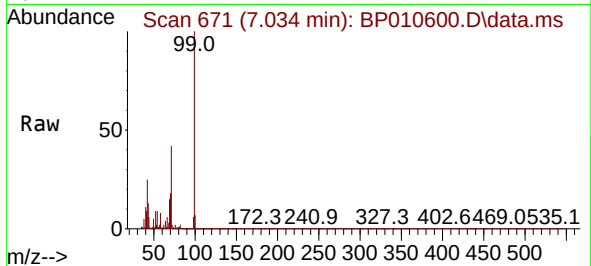




#7
Phenol-d6
Concen: 30.229 ng
RT: 7.034 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

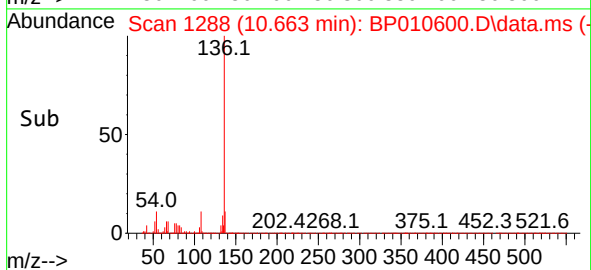
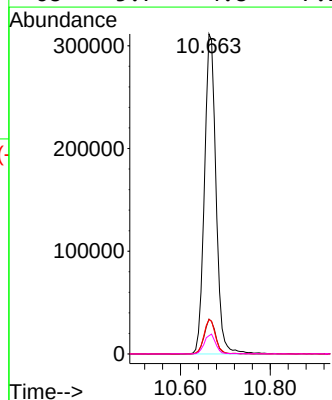
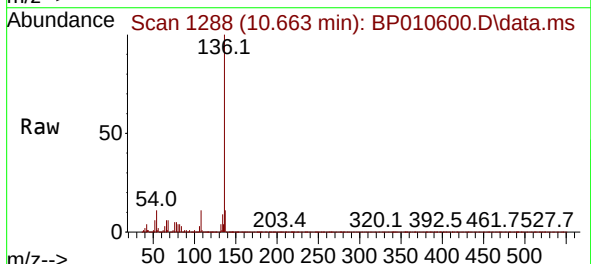
Instrument :
BNA_P
ClientSampleId :
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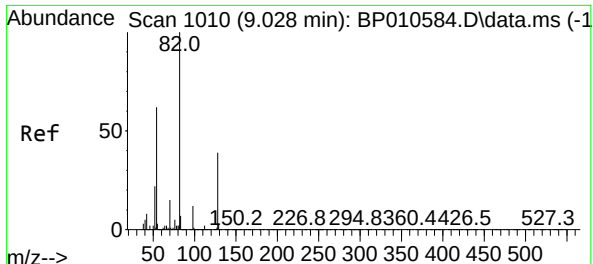
Tgt Ion: 99 Resp: 323761
Ion Ratio Lower Upper
99 100
42 24.5 20.3 30.5
71 42.1 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

Tgt Ion:136 Resp: 556018
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 10.7 8.7 13.1
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 89.887 ng

RT: 9.028 min Scan# 1010

Delta R.T. 0.000 min

Lab File: BP010600.D

Acq: 28 May 2022 15:09

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

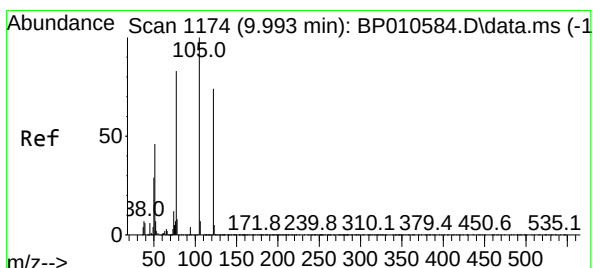
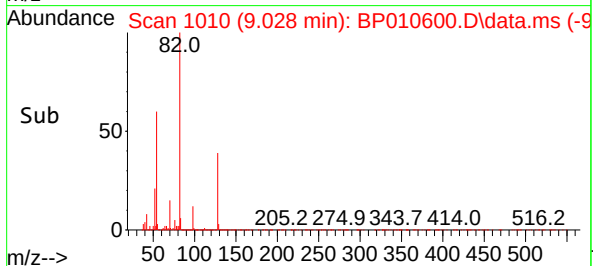
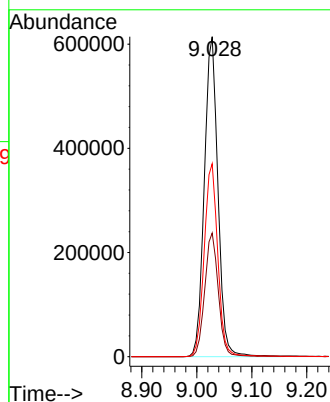
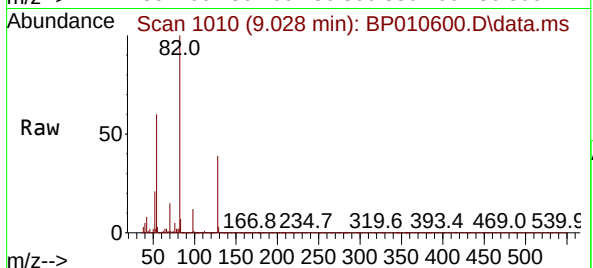
Tgt Ion: 82 Resp: 1057119

Ion Ratio Lower Upper

82 100

128 38.7 31.3 46.9

54 60.3 49.8 74.8



#32

Benzoic acid

Concen: 7.373 ng

RT: 9.987 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BP010600.D

Acq: 28 May 2022 15:09

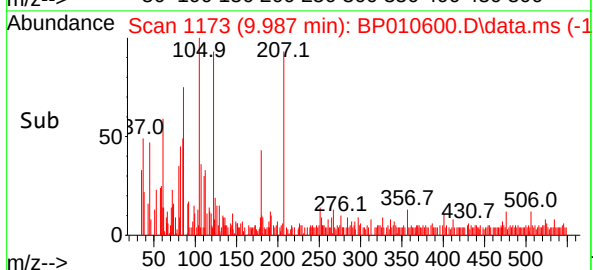
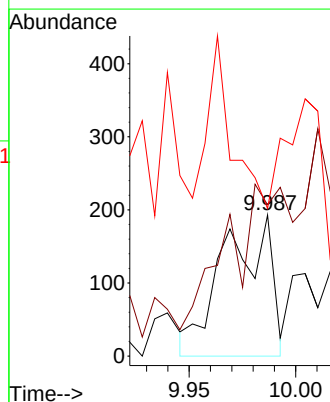
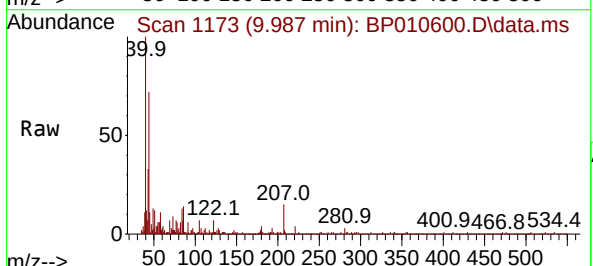
Tgt Ion:122 Resp: 298

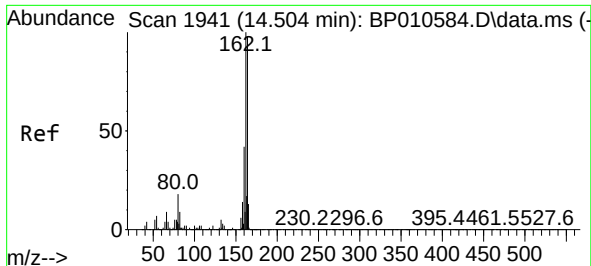
Ion Ratio Lower Upper

122 100

105 104.0 112.6 152.6#

77 101.5 90.2 130.2

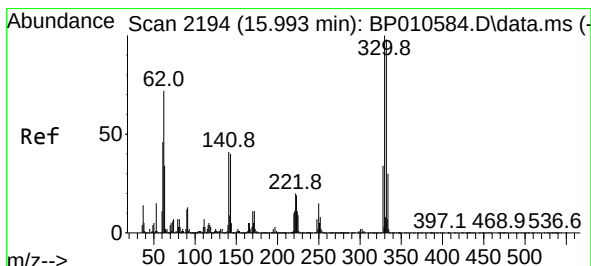
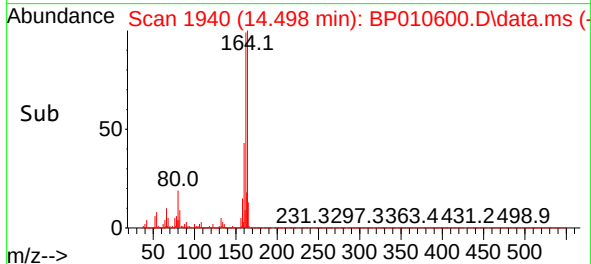
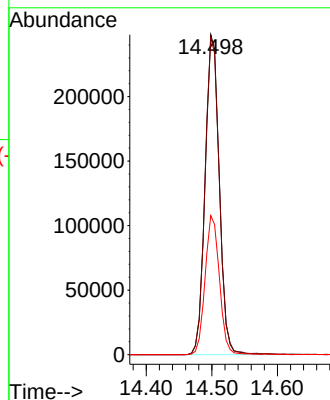
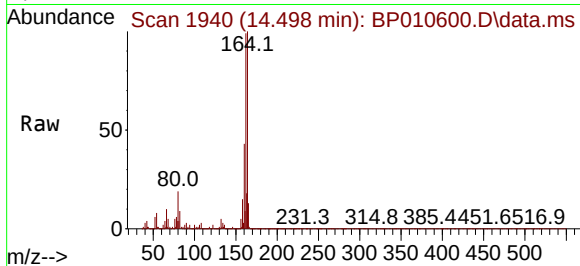




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

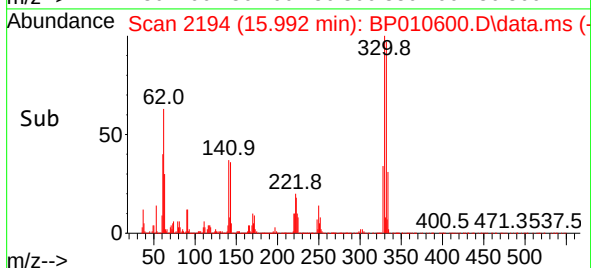
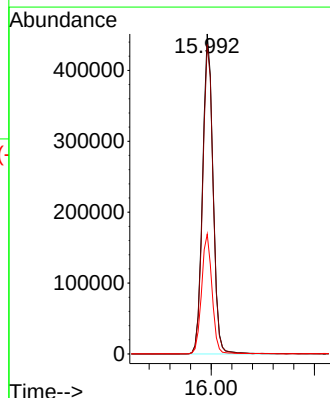
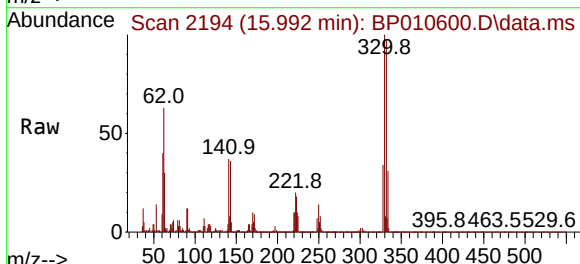
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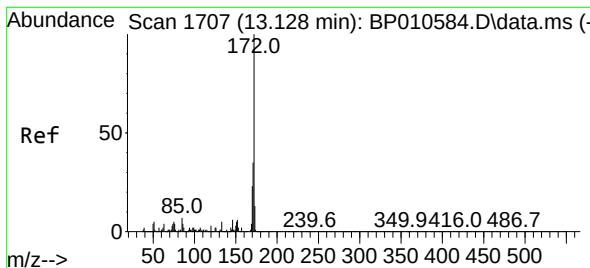
Tgt Ion:164 Resp: 374702
Ion Ratio Lower Upper
164 100
162 99.1 81.9 122.9
160 43.4 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 149.218 ng
RT: 15.992 min Scan# 2194
Delta R.T. -0.001 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

Tgt Ion:330 Resp: 632901
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 37.3 31.4 47.2





#45

2-Fluorobiphenyl

Concen: 85.356 ng

RT: 13.128 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP010600.D

Acq: 28 May 2022 15:09

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

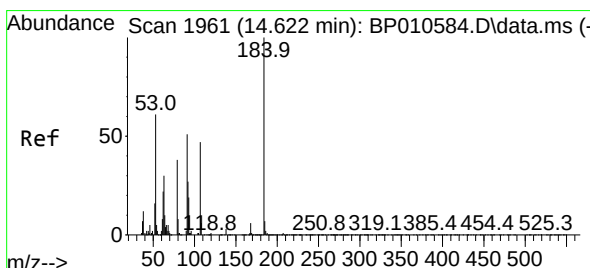
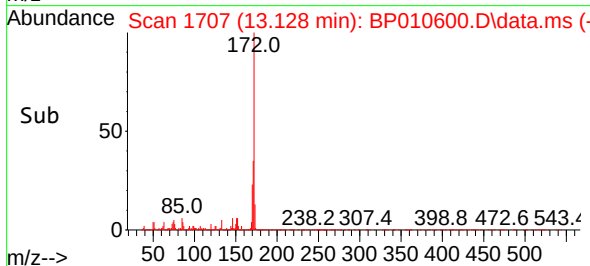
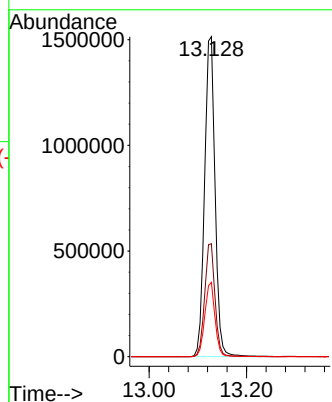
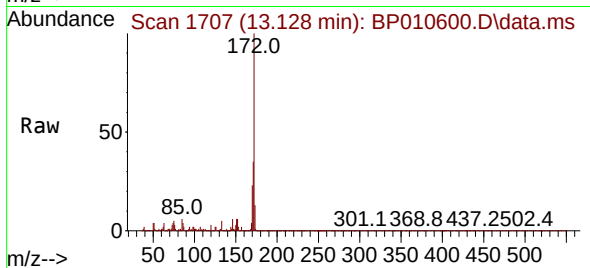
Tgt Ion:172 Resp: 2253541

Ion Ratio Lower Upper

172 100

171 35.3 27.9 41.9

170 23.3 18.2 27.2



#54

2,4-Dinitrophenol

Concen: 6.648 ng

RT: 14.628 min Scan# 1962

Delta R.T. 0.006 min

Lab File: BP010600.D

Acq: 28 May 2022 15:09

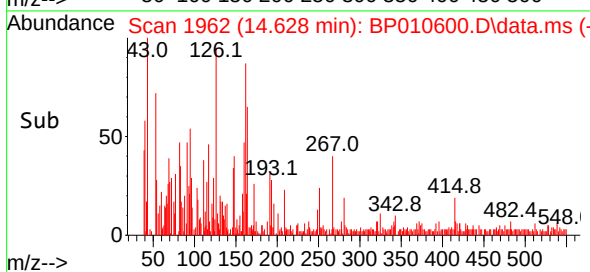
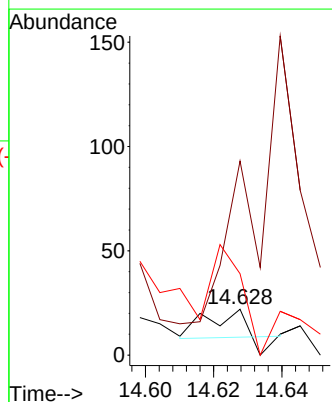
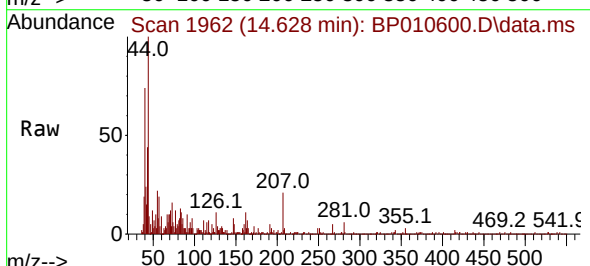
Tgt Ion:184 Resp: 8

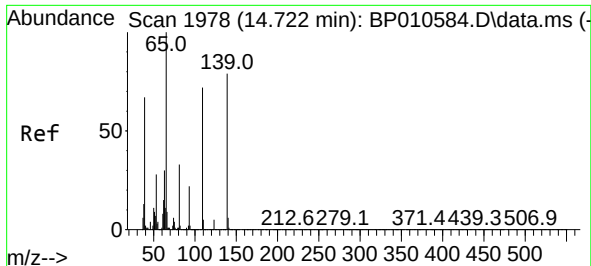
Ion Ratio Lower Upper

184 100

63 422.7 65.4 98.2#

154 177.3 55.4 83.2#

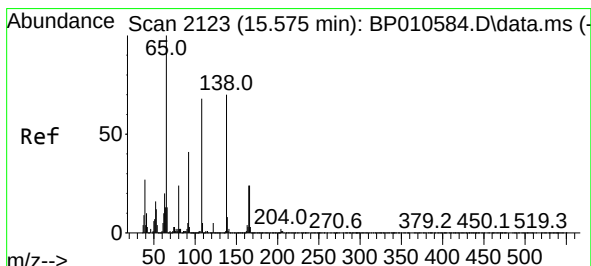
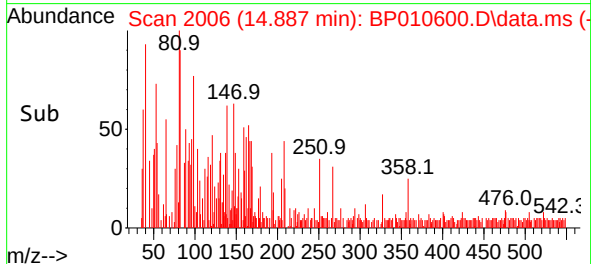
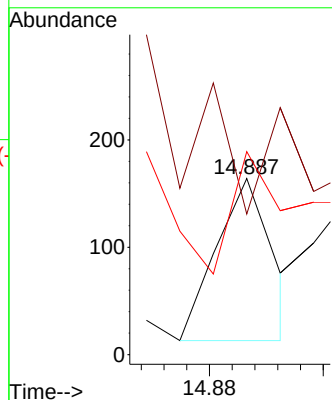
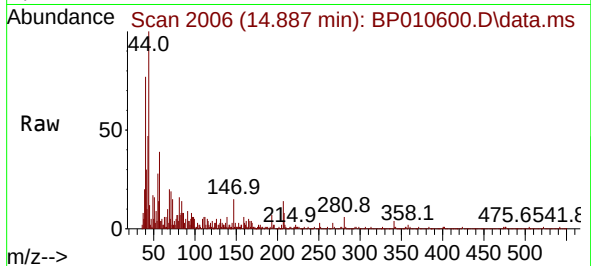




#56
4-Nitrophenol
Concen: 3.618 ng
RT: 14.887 min Scan# 2006
Delta R.T. 0.165 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

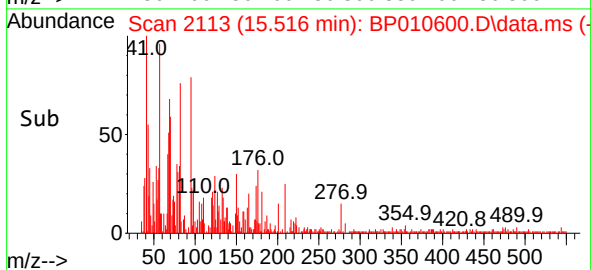
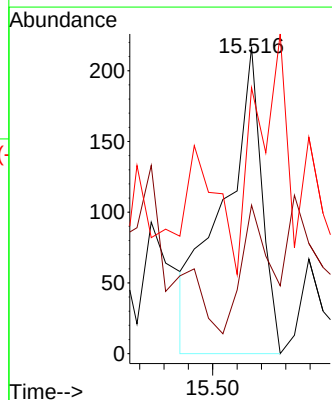
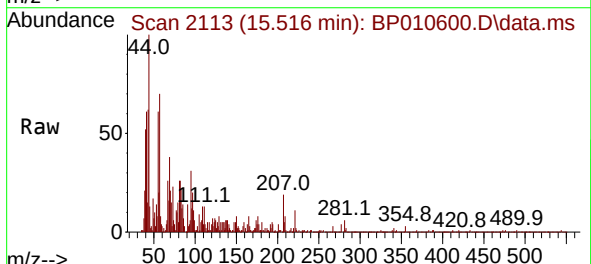
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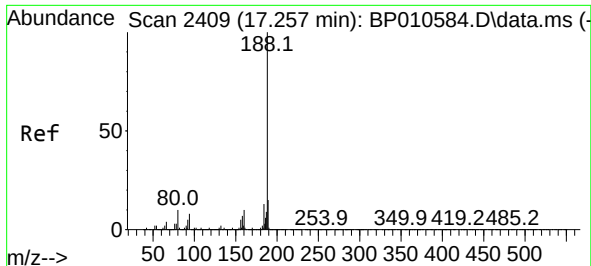
Tgt Ion:139 Resp: 104
Ion Ratio Lower Upper
139 100
109 79.9 70.6 110.6
65 115.2 106.6 146.6



#62
4-Nitroaniline
Concen: 2.171 ng
RT: 15.516 min Scan# 2113
Delta R.T. -0.059 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

Tgt Ion:138 Resp: 239
Ion Ratio Lower Upper
138 100
92 48.4 38.0 78.0
108 86.6 77.6 117.6

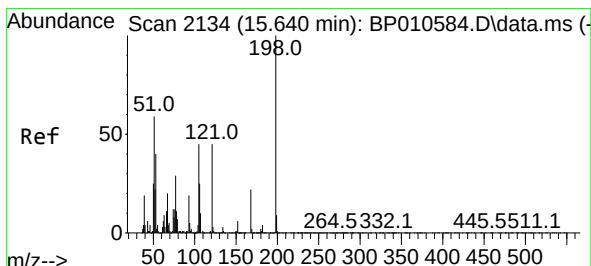
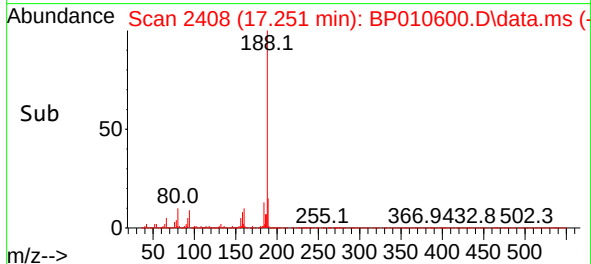
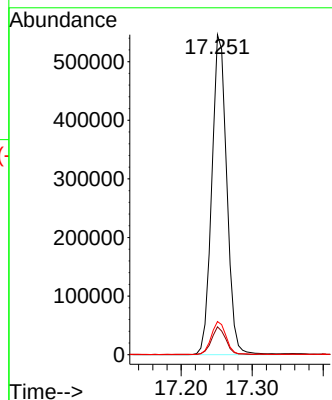
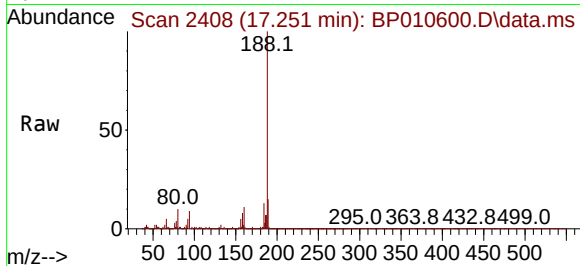




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

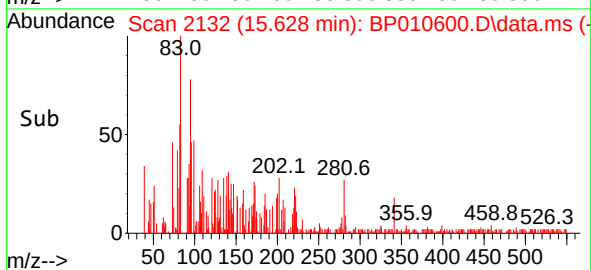
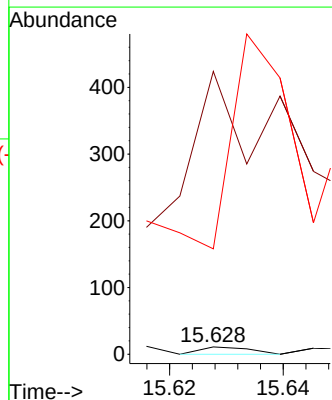
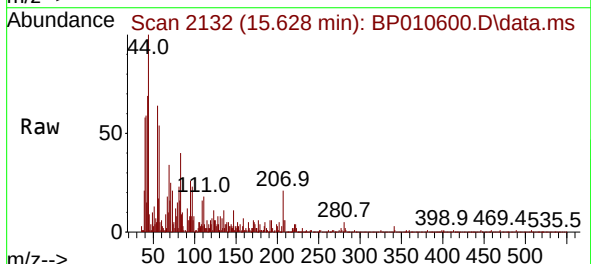
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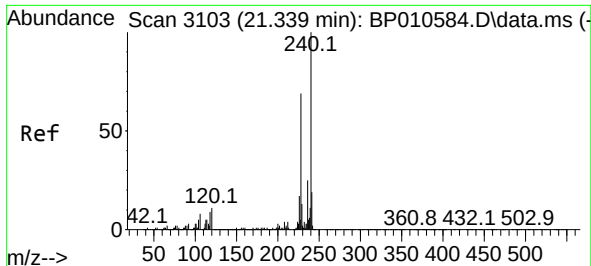
Tgt Ion:188 Resp: 798668
Ion Ratio Lower Upper
188 100
94 8.7 6.6 10.0
80 10.4 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.604 ng
RT: 15.628 min Scan# 2132
Delta R.T. -0.012 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

Tgt Ion:198 Resp: 7
Ion Ratio Lower Upper
198 100
51 3854.5 41.2 81.2#
105 1436.4 25.3 65.3#

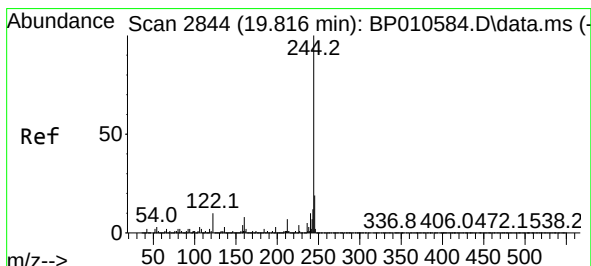
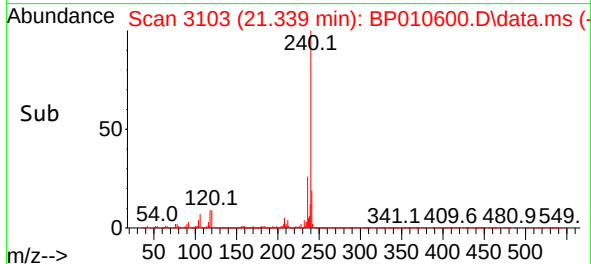
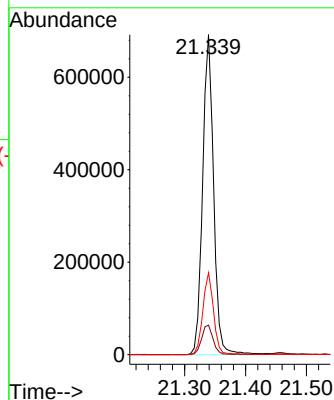
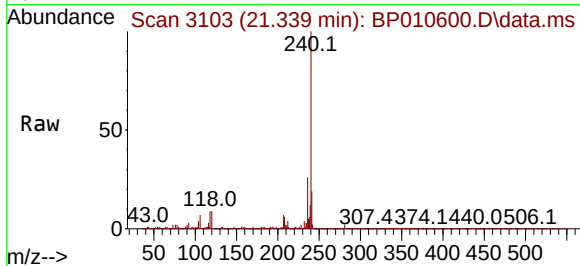




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. 0.000 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

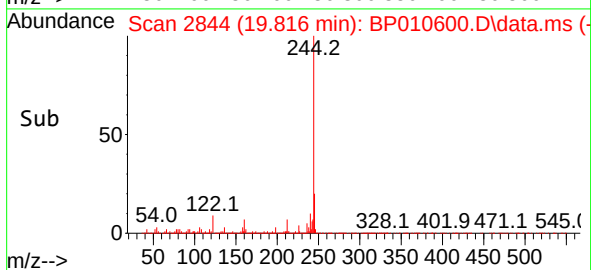
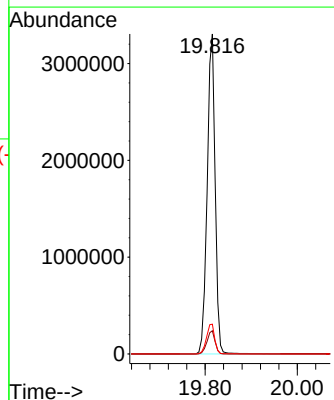
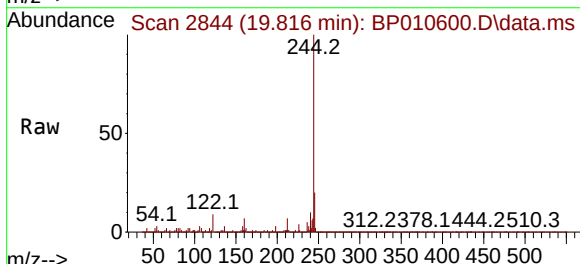
Instrument :
BNA_P
ClientSampleId :
FIELD-BLANK

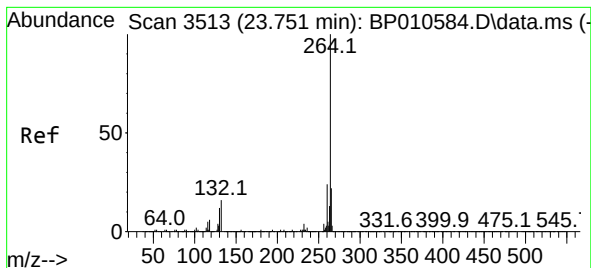
Tgt Ion:240 Resp: 870802
Ion Ratio Lower Upper
240 100
120 9.3 8.6 12.8
236 25.6 19.8 29.6



#79
Terphenyl-d14
Concen: 86.397 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010600.D
Acq: 28 May 2022 15:09

Tgt Ion:244 Resp: 4005467
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.3 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: BP010600.D

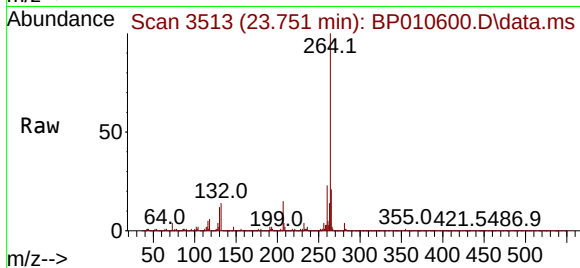
Acq: 28 May 2022 15:09

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK



Tgt Ion:264 Resp: 970180

Ion Ratio Lower Upper

264 100

260 22.9 19.3 28.9

265 21.3 18.0 27.0

