

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP053122\
 Data File : BP010636.D
 Acq On : 31 May 2022 13:03
 Operator : CG/JU
 Sample : PB145156BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145156BL

Quant Time: Jun 01 05:29:17 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

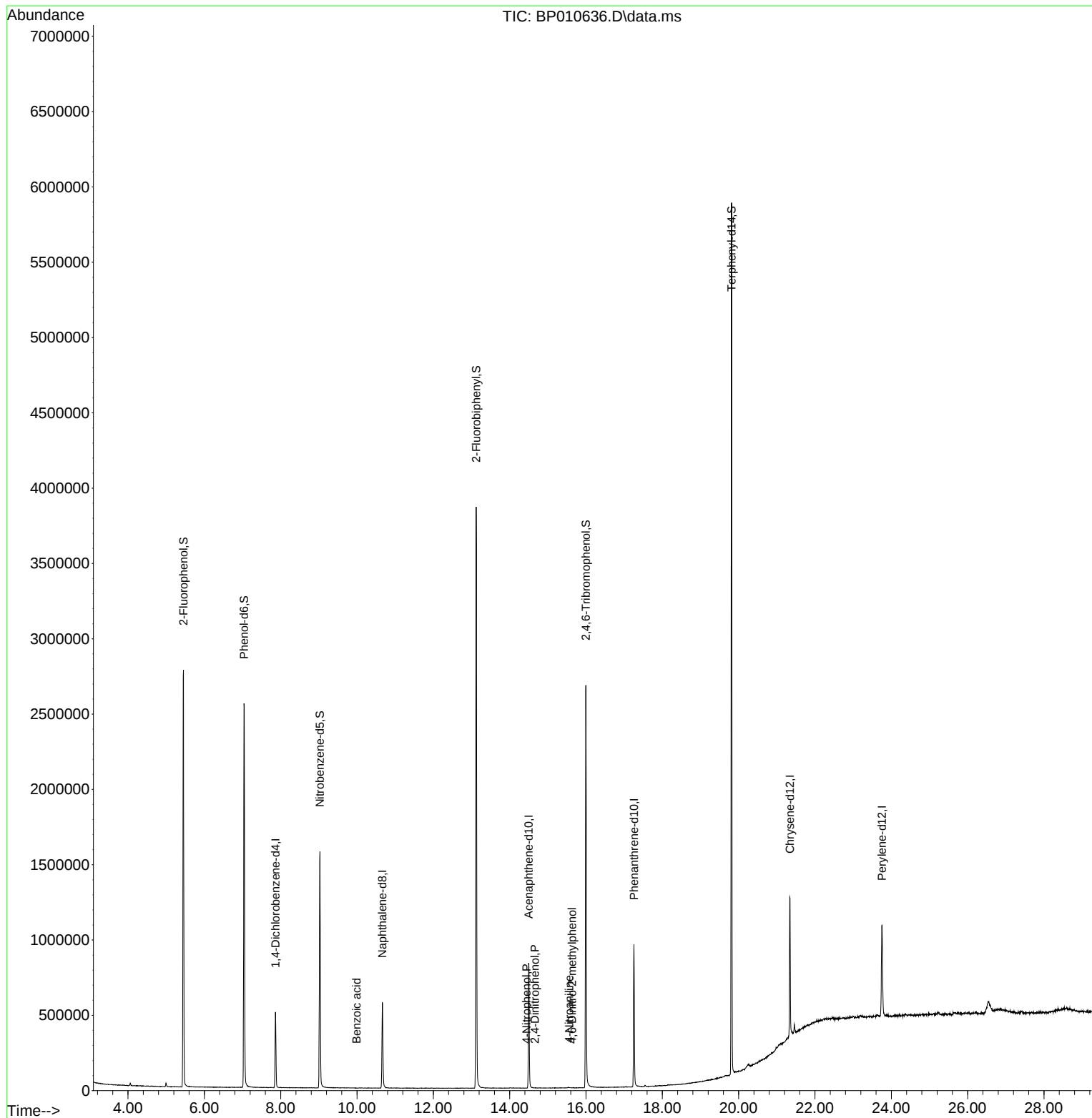
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.863	152	129184	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	492874	20.000	ng	0.00
39) Acenaphthene-d10	14.498	164	306807	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	596739	20.000	ng	0.00
76) Chrysene-d12	21.345	240	512501	20.000	ng	# 0.00
86) Perylene-d12	23.757	264	521982	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	1071510	151.316	ng	0.00
7) Phenol-d6	7.040	99	1367752	136.055	ng	0.00
23) Nitrobenzene-d5	9.028	82	920650	88.312	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	566924	163.241	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2008892	92.928	ng	0.00
79) Terphenyl-d14	19.816	244	2899171	106.254	ng	0.00
Target Compounds						
32) Benzoic acid	9.987	122	14	7.326	ng	# 1
54) 2,4-Dinitrophenol	14.663	184	19	6.652	ng	89
56) 4-Nitrophenol	14.440	139	7	3.599	ng	90
62) 4-Nitroaniline	15.557	138	9	2.135	ng	# 20
65) 4,6-Dinitro-2-methylph...	15.634	198	10	4.605	ng	# 1

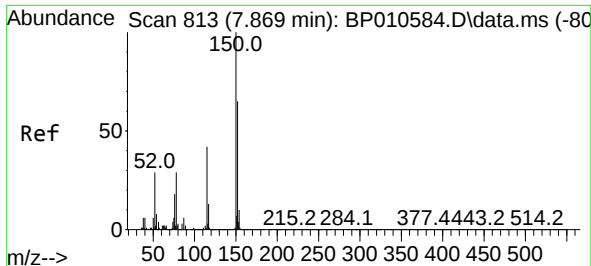
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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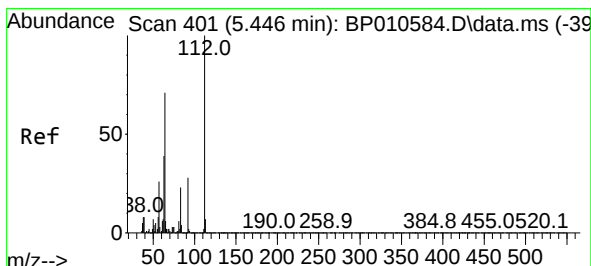
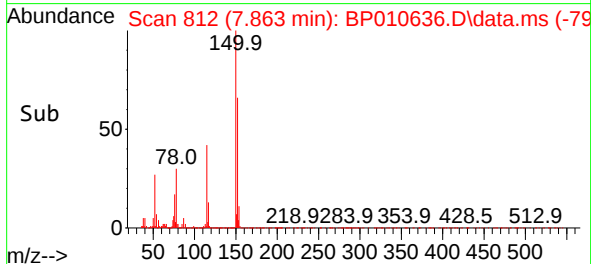
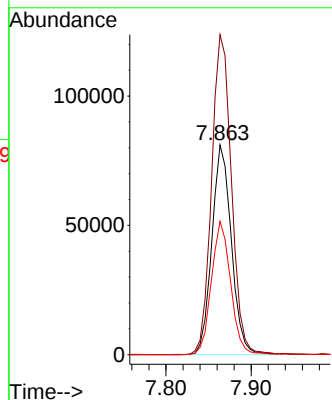
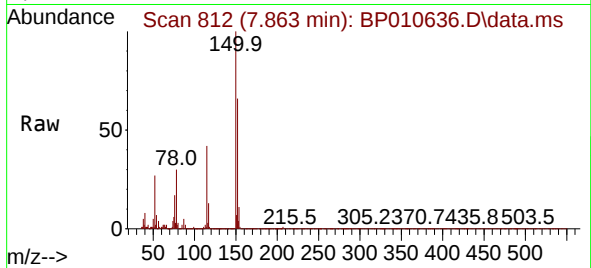




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.863 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP010636.D
 Acq: 31 May 2022 13:03

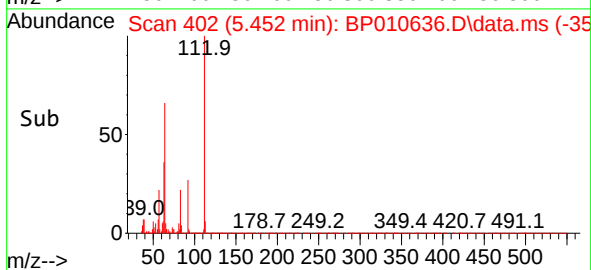
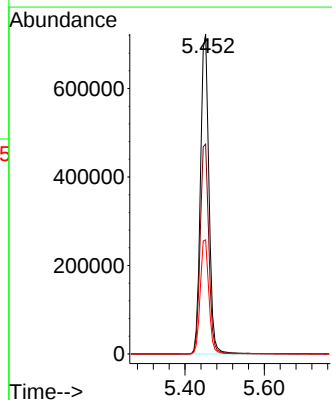
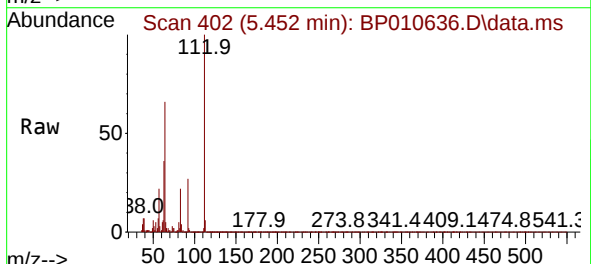
Instrument :
 BNA_P
 ClientSampleId :
 PB145156BL

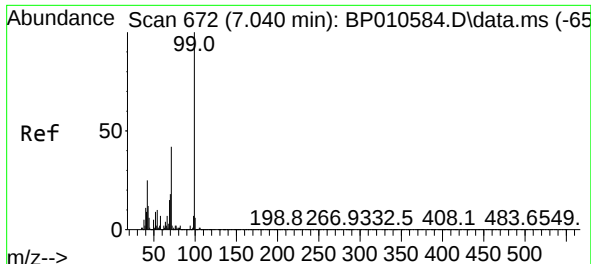
Tgt Ion:152 Resp: 129184
 Ion Ratio Lower Upper
 152 100
 150 152.5 123.4 185.2
 115 63.6 51.3 76.9



#5
 2-Fluorophenol
 Concen: 151.316 ng
 RT: 5.452 min Scan# 402
 Delta R.T. 0.006 min
 Lab File: BP010636.D
 Acq: 31 May 2022 13:03

Tgt Ion:112 Resp: 1071510
 Ion Ratio Lower Upper
 112 100
 64 65.6 56.9 85.3
 63 35.7 31.2 46.8

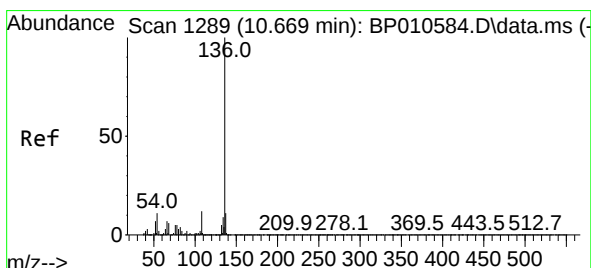
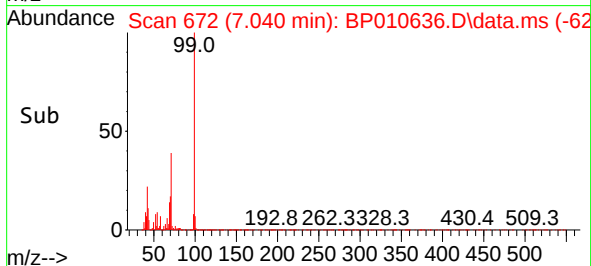
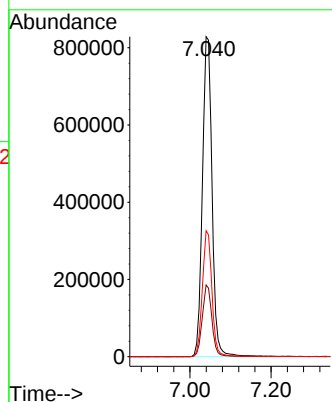
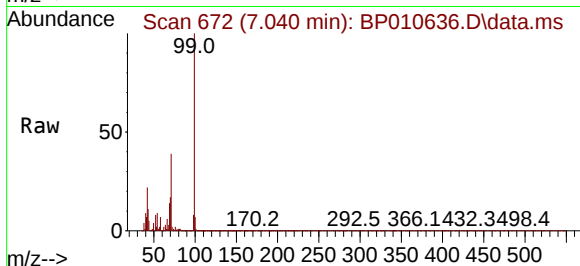




#7
Phenol-d6
Concen: 136.055 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

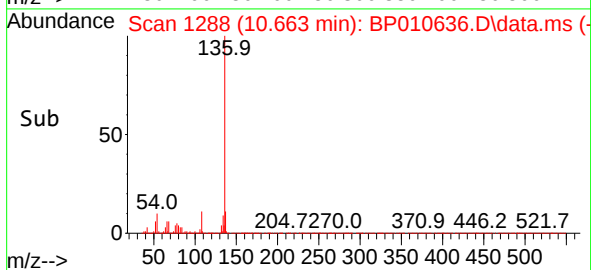
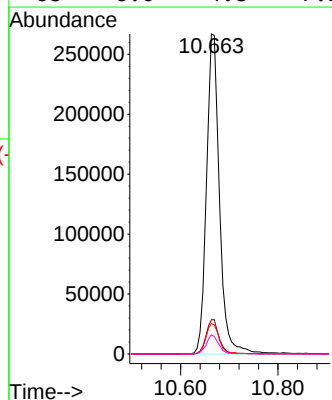
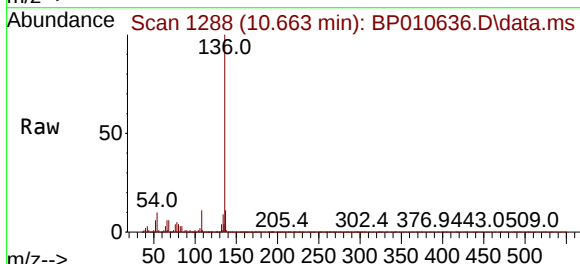
Instrument :
BNA_P
ClientSampleId :
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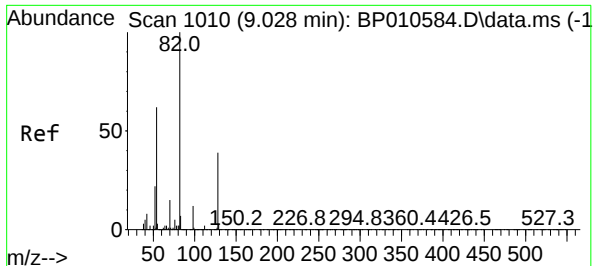
Tgt Ion: 99 Resp: 1367752
Ion Ratio Lower Upper
99 100
42 22.4 20.3 30.5
71 39.4 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

Tgt Ion:136 Resp: 492874
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 9.6 8.7 13.1
68 6.0 4.8 7.2

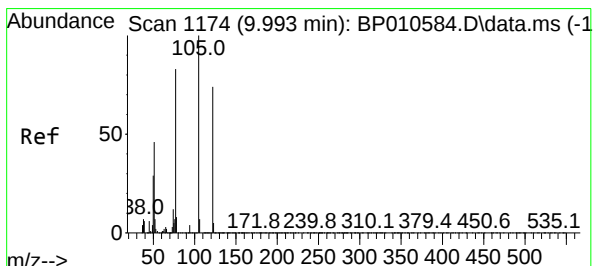
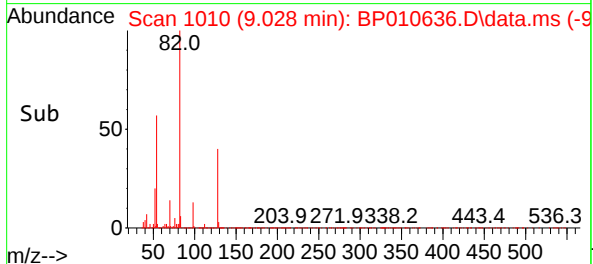
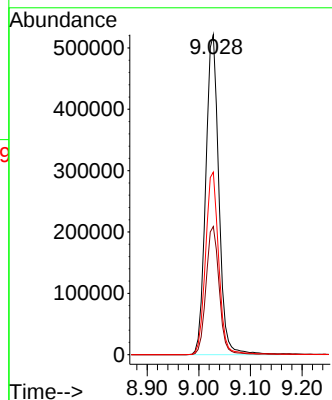
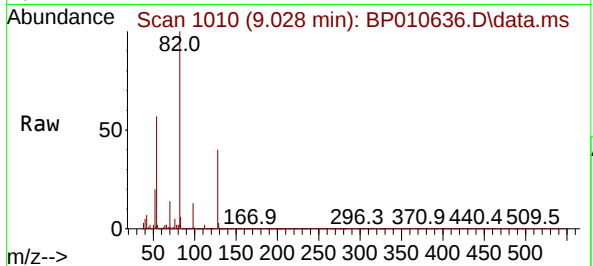




#23
Nitrobenzene-d5
Concen: 88.312 ng
RT: 9.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

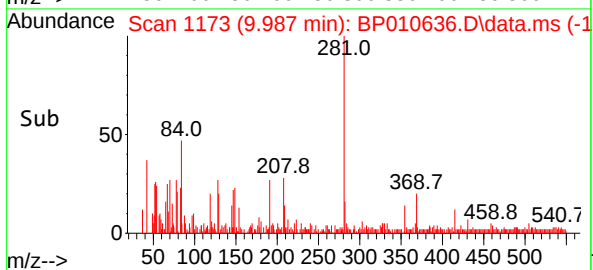
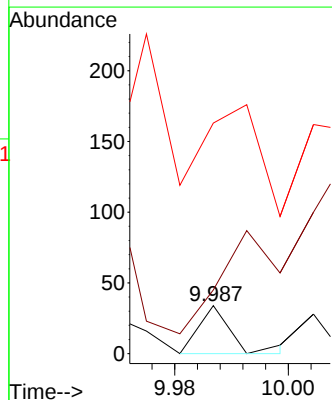
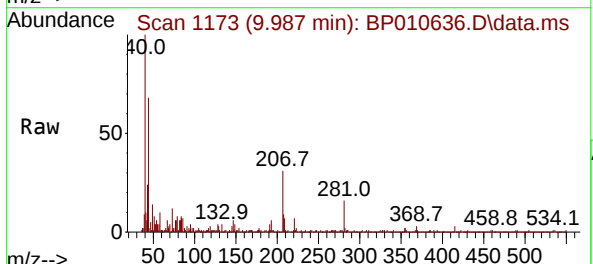
Instrument :
BNA_P
ClientSampleId :
PB145156BL

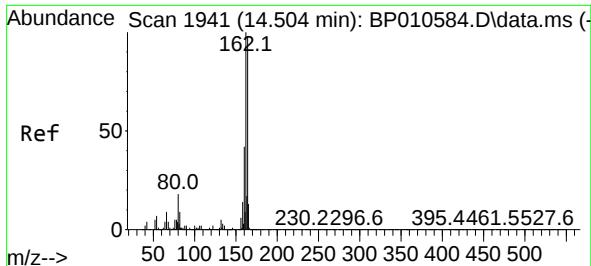
Tgt Ion: 82 Resp: 920650
Ion Ratio Lower Upper
82 100
128 40.0 31.3 46.9
54 57.0 49.8 74.8



#32
Benzoic acid
Concen: 7.326 ng
RT: 9.987 min Scan# 1173
Delta R.T. -0.006 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

Tgt Ion: 122 Resp: 14
Ion Ratio Lower Upper
122 100
105 185.3 112.6 152.6#
77 479.4 90.2 130.2#

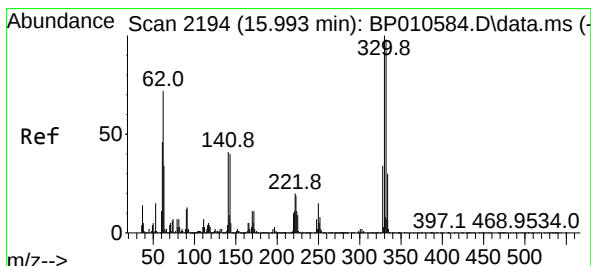
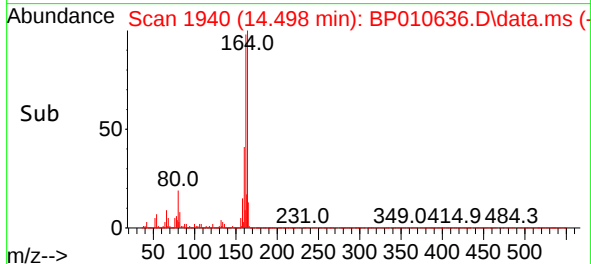
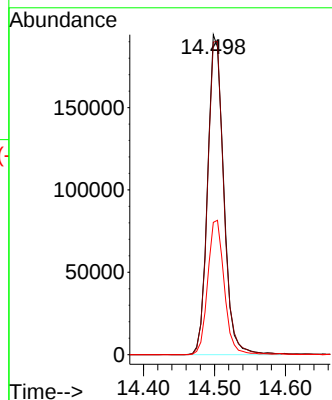
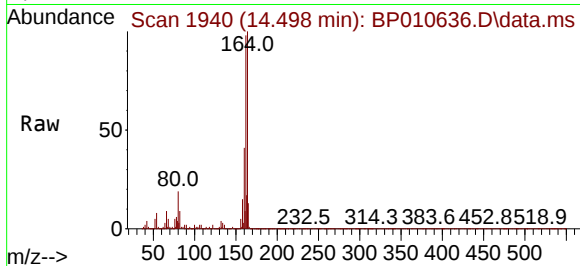




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.498 min Scan# 1940
Delta R.T. -0.006 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

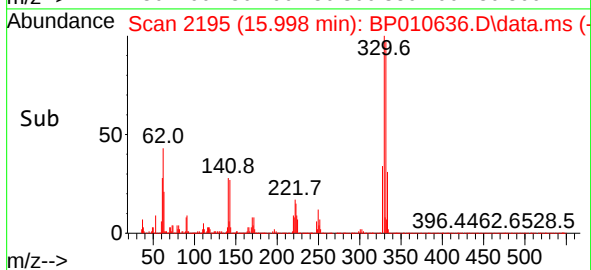
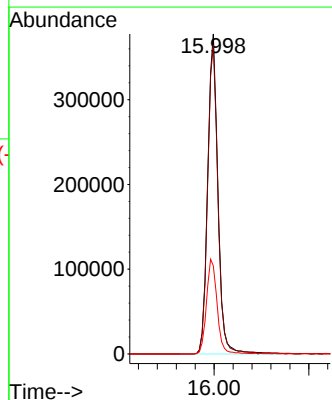
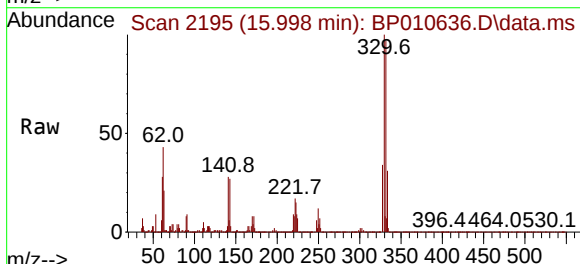
Instrument :
BNA_P
ClientSampleId :
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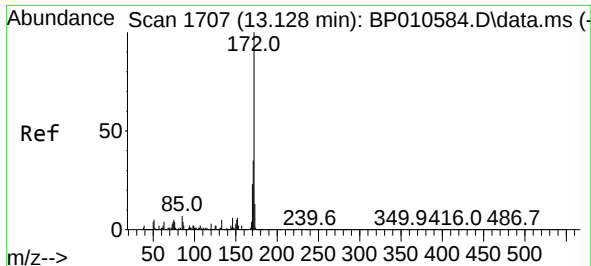
Tgt Ion:164 Resp: 306807
Ion Ratio Lower Upper
164 100
162 97.7 81.9 122.9
160 41.3 34.6 51.8



#42
2,4,6-Tribromophenol
Concen: 163.241 ng
RT: 15.998 min Scan# 2195
Delta R.T. 0.005 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

Tgt Ion:330 Resp: 566924
Ion Ratio Lower Upper
330 100
332 96.7 78.1 117.1
141 30.6 31.4 47.2#

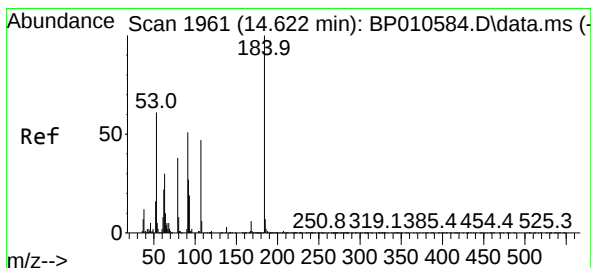
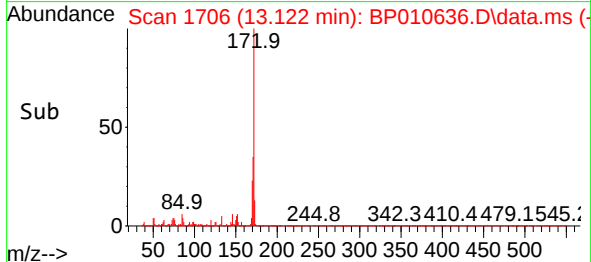
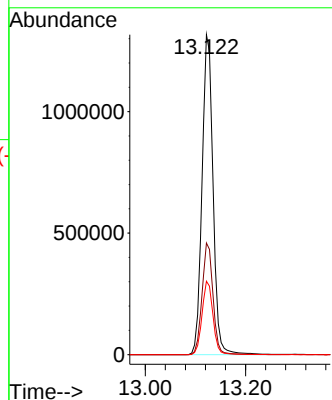
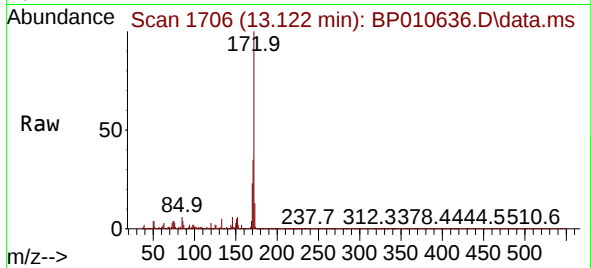




#45
2-Fluorobiphenyl
Concen: 92.928 ng
RT: 13.122 min Scan# 1707
Delta R.T. -0.006 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

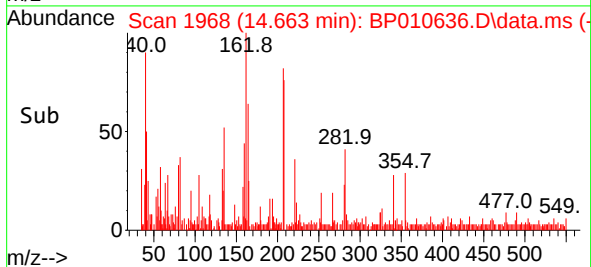
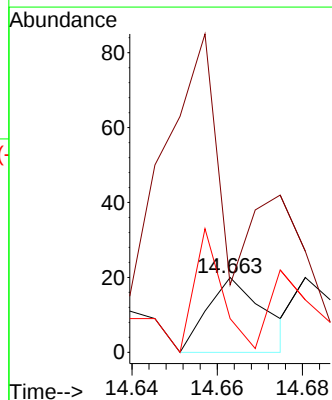
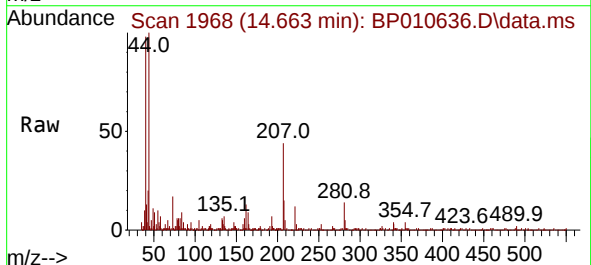
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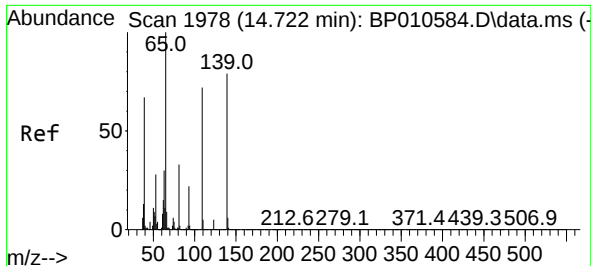
Tgt Ion:172 Resp: 2008892
Ion Ratio Lower Upper
172 100
171 34.9 27.9 41.9
170 23.0 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.652 ng
RT: 14.663 min Scan# 1968
Delta R.T. 0.041 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

Tgt Ion:184 Resp: 19
Ion Ratio Lower Upper
184 100
63 90.0 65.4 98.2
154 80.0 55.4 83.2

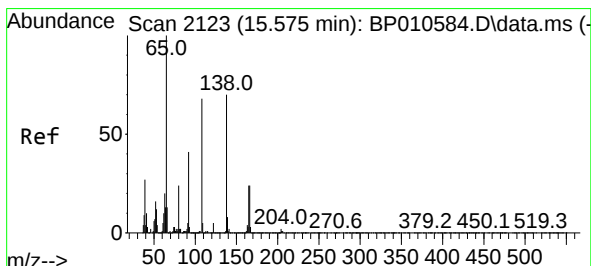
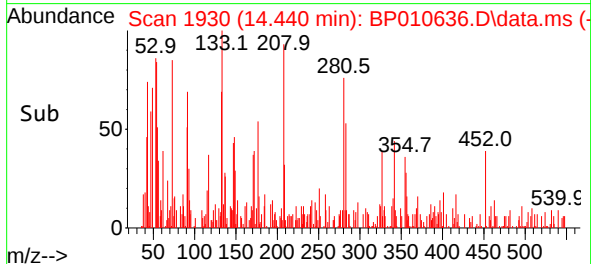
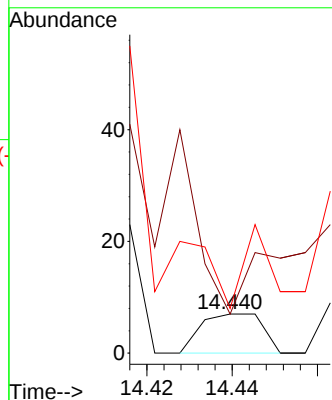
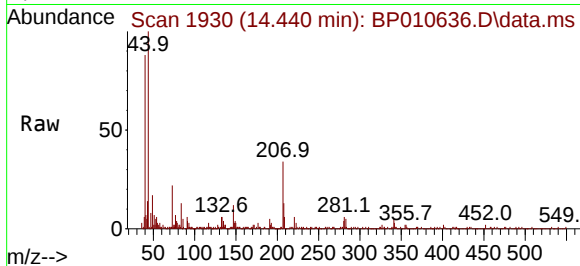




#56
4-Nitrophenol
Concen: 3.599 ng
RT: 14.440 min Scan# 1978
Delta R.T. -0.282 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

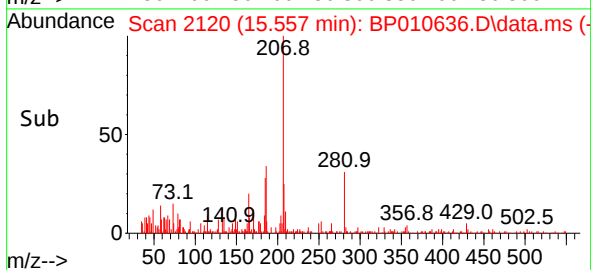
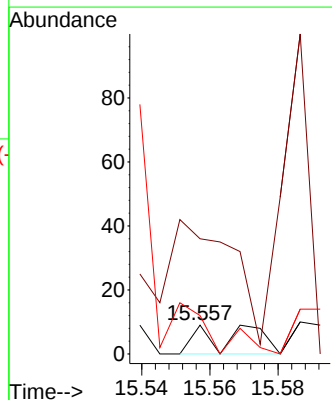
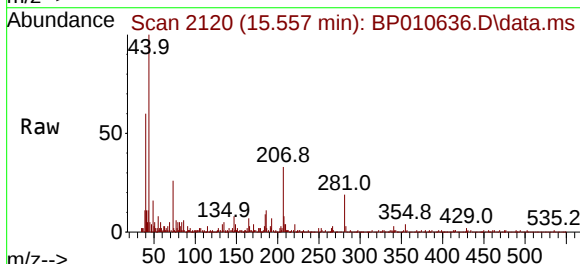
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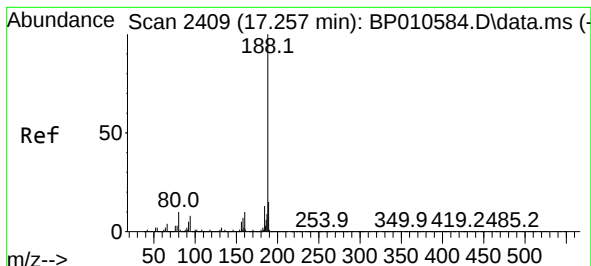
Tgt Ion:139 Resp: 7
Ion Ratio Lower Upper
139 100
109 100.0 70.6 110.6
65 114.3 106.6 146.6



#62
4-Nitroaniline
Concen: 2.135 ng
RT: 15.557 min Scan# 2120
Delta R.T. -0.018 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

Tgt Ion:138 Resp: 9
Ion Ratio Lower Upper
138 100
92 163.6 38.0 78.0#
108 54.5 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: BP010636.D

Acq: 31 May 2022 13:03

Instrument :

BNA_P

ClientSampleId :

PB145156BL

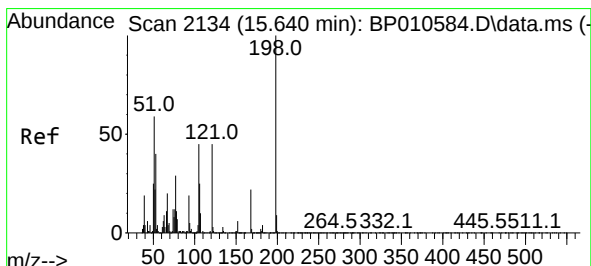
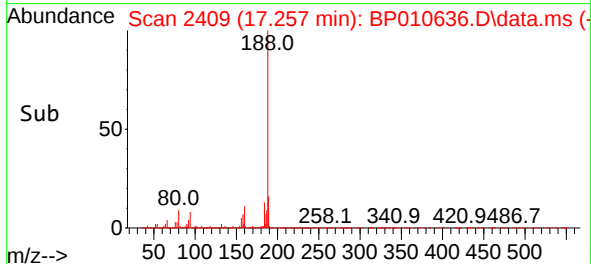
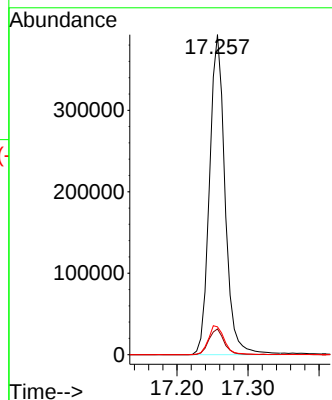
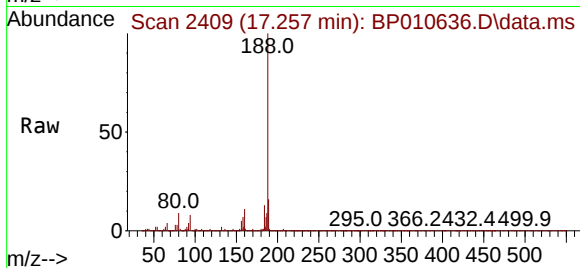
Tgt Ion:188 Resp: 596739

Ion Ratio Lower Upper

188 100

94 8.0 6.6 10.0

80 8.7 8.0 12.0



#65

4,6-Dinitro-2-methylphenol

Concen: 4.605 ng

RT: 15.634 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BP010636.D

Acq: 31 May 2022 13:03

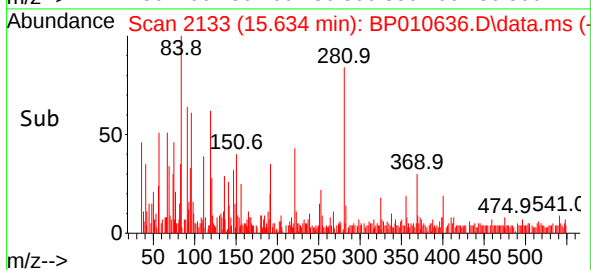
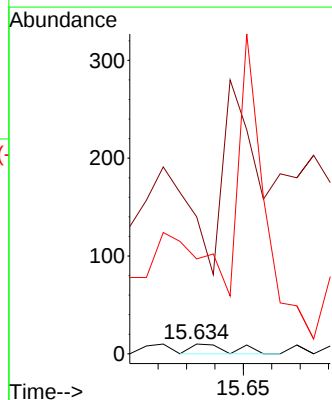
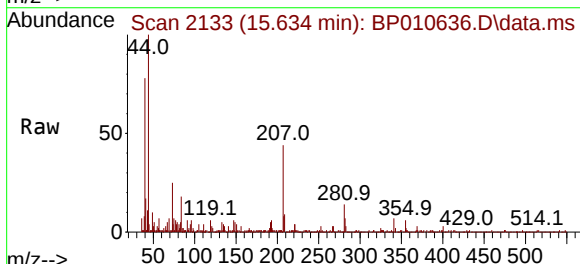
Tgt Ion:198 Resp: 10

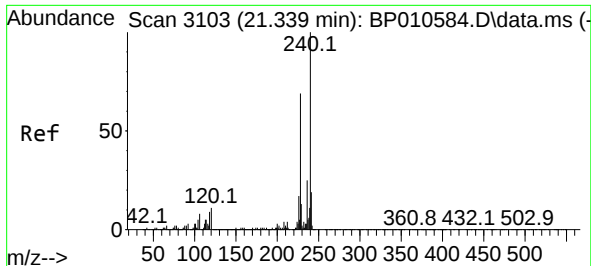
Ion Ratio Lower Upper

198 100

51 583.3 41.2 81.2#

105 404.2 25.3 65.3#

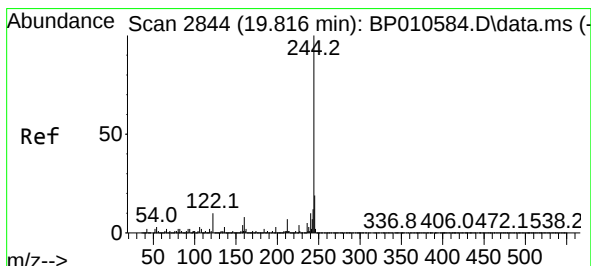
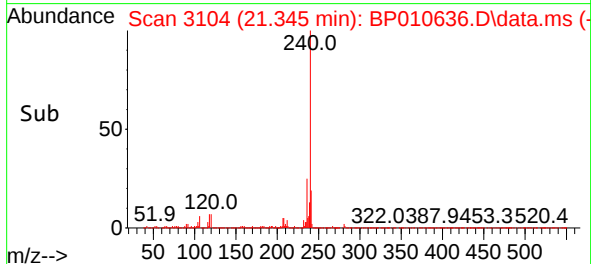
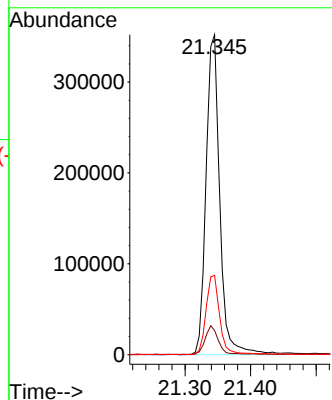
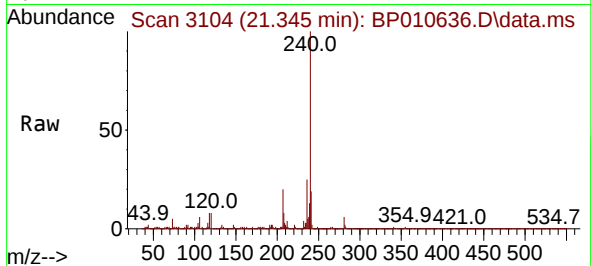




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.345 min Scan# 3103
Delta R.T. 0.006 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

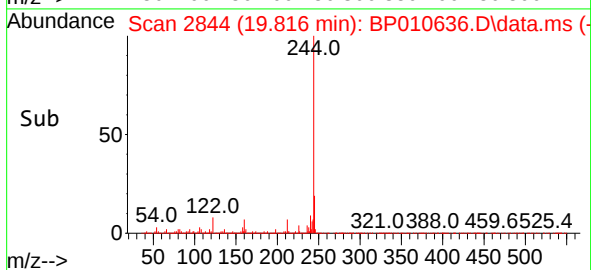
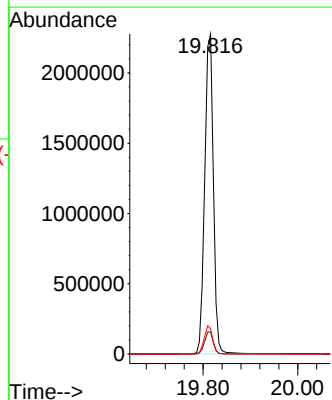
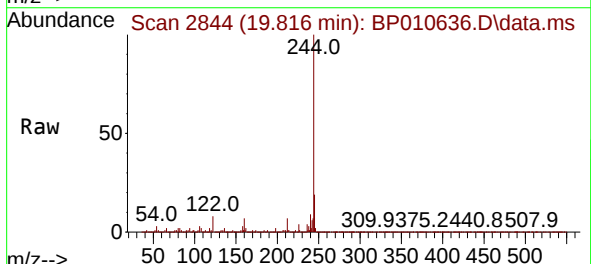
Instrument :
BNA_P
ClientSampleId :
PB145156BL

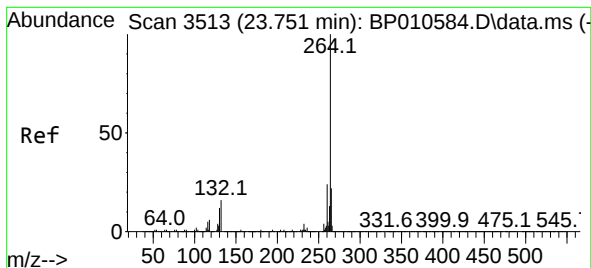
Tgt Ion:240 Resp: 512501
Ion Ratio Lower Upper
240 100
120 7.6 8.6 12.8#
236 24.8 19.8 29.6



#79
Terphenyl-d14
Concen: 106.254 ng
RT: 19.816 min Scan# 2844
Delta R.T. -0.000 min
Lab File: BP010636.D
Acq: 31 May 2022 13:03

Tgt Ion:244 Resp: 2899171
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.8
122 7.9 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.757 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP010636.D

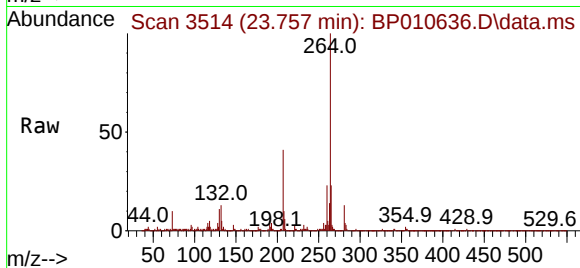
Acq: 31 May 2022 13:03

Instrument :

BNA_P

ClientSampleId :

PB145156BL



Tgt Ion:264 Resp: 521982

Ion Ratio Lower Upper

264 100

260 22.8 19.3 28.9

265 22.7 18.0 27.0

