

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060322\
 Data File : BP010686.D
 Acq On : 03 Jun 2022 11:19
 Operator : CG/JU
 Sample : PB145246BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB145246BL

Quant Time: Jun 04 01:59:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jun 04 01:56:43 2022
 Response via : Initial Calibration

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

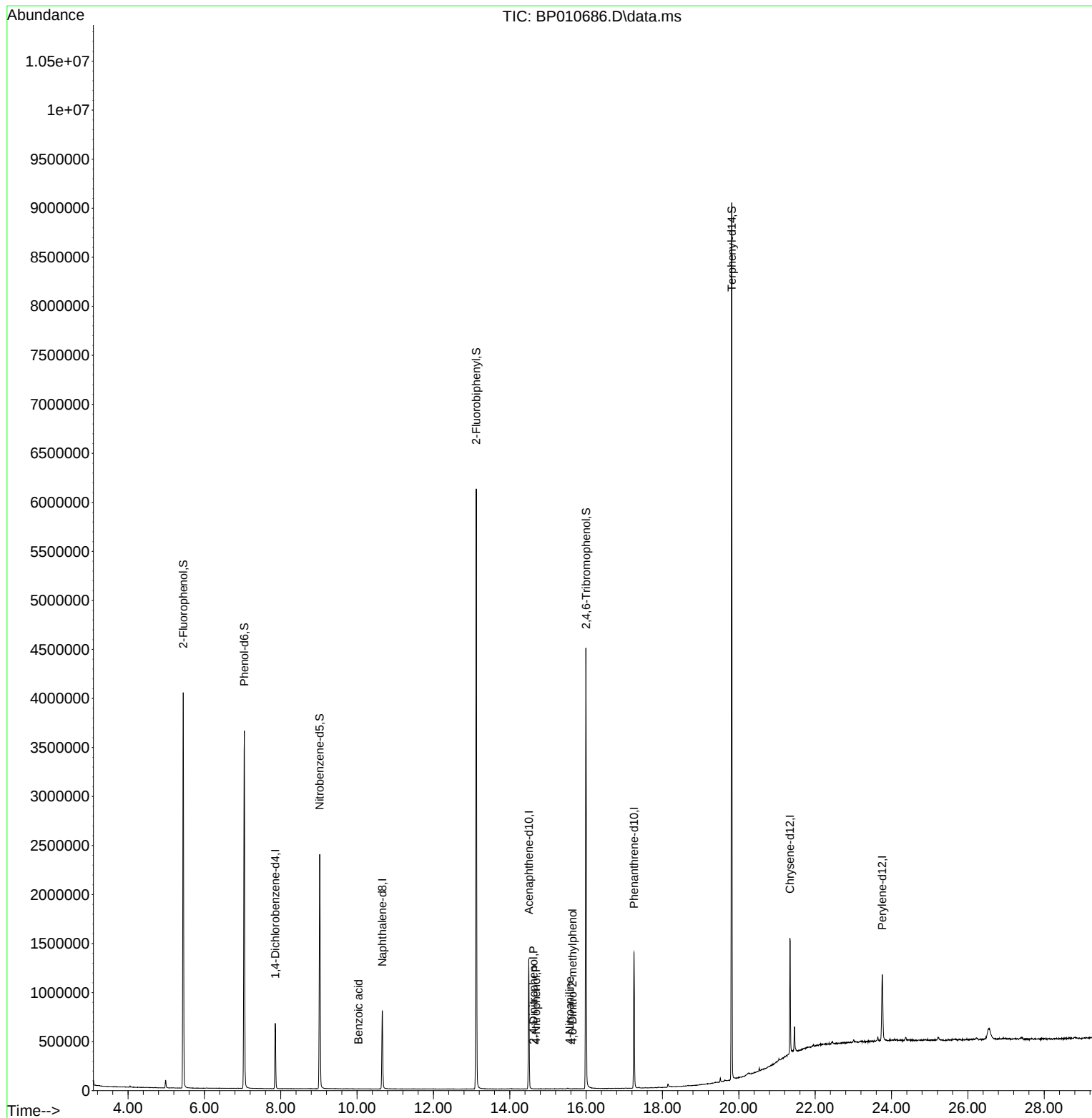
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	165279	20.000	ng	0.00
21) Naphthalene-d8	10.663	136	678831	20.000	ng	0.00
39) Acenaphthene-d10	14.499	164	447180	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	891997	20.000	ng	0.00
76) Chrysene-d12	21.339	240	616887	20.000	ng	0.00
86) Perylene-d12	23.757	264	550364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	1478419	163.184	ng	0.00
7) Phenol-d6	7.046	99	1919957	149.276	ng	0.00
23) Nitrobenzene-d5	9.022	82	1334031	92.911	ng	0.00
42) 2,4,6-Tribromophenol	15.998	330	844296	166.795	ng	0.00
45) 2-Fluorobiphenyl	13.122	172	2928509	92.944	ng	0.00
79) Terphenyl-d14	19.816	244	4161996	126.725	ng	0.00
Target Compounds						
					Qvalue	
32) Benzoic acid	10.040	122	47	7.330	ng	# 1
54) 2,4-Dinitrophenol	14.622	184	23	6.651	ng	# 48
56) 4-Nitrophenol	14.693	139	21	3.601	ng	# 94
62) 4-Nitroaniline	15.569	138	22	2.136	ng	# 84
65) 4,6-Dinitro-2-methylph...	15.646	198	25	4.607	ng	# 1

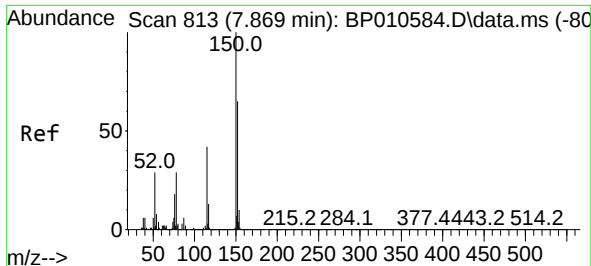
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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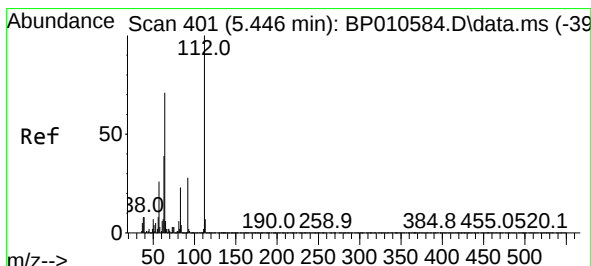
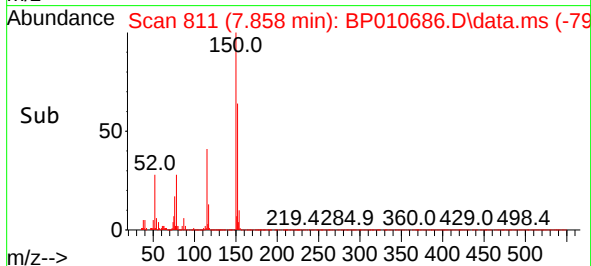
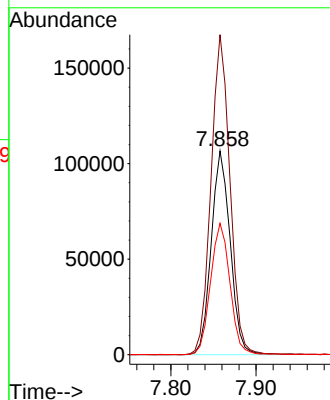
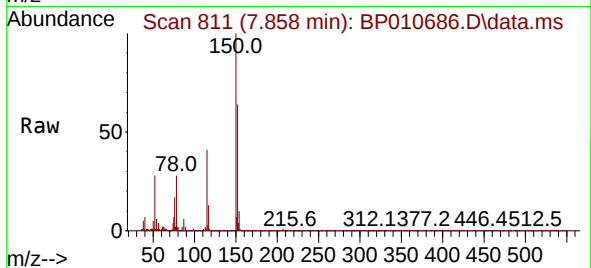




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 813
Delta R.T. 0.006 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

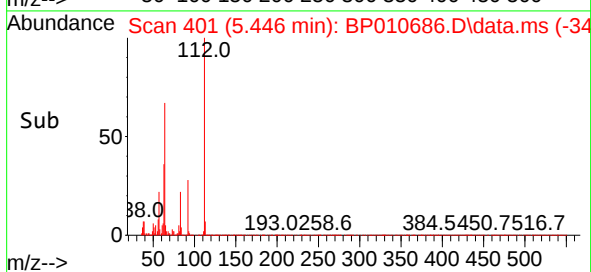
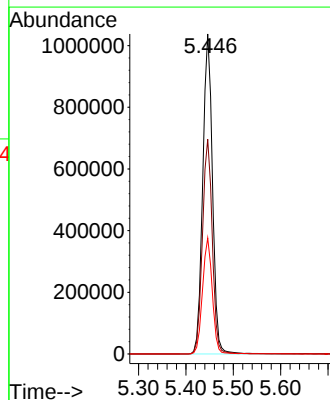
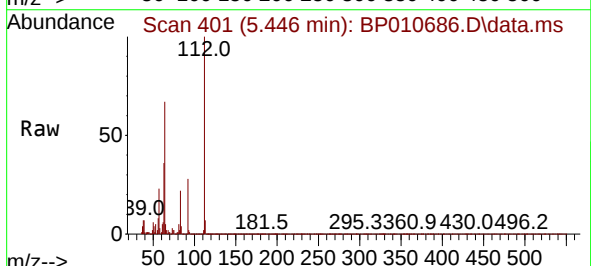
Instrument :
BNA_P
ClientSampleId :
PB145246BL

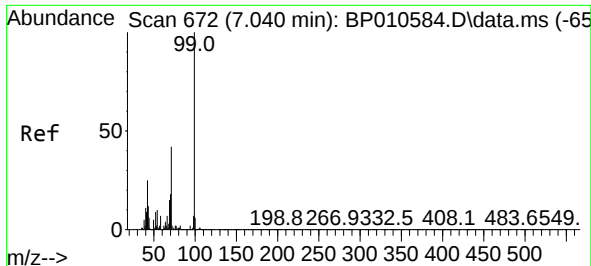
Tgt Ion:152 Resp: 165279
Ion Ratio Lower Upper
152 100
150 157.1 123.4 185.2
115 64.5 51.3 76.9



#5
2-Fluorophenol
Concen: 163.184 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.006 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

Tgt Ion:112 Resp: 1478419
Ion Ratio Lower Upper
112 100
64 67.1 56.9 85.3
63 36.2 31.2 46.8

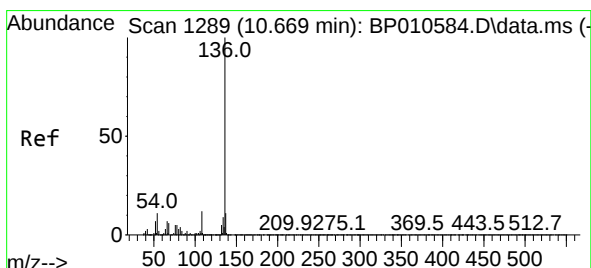
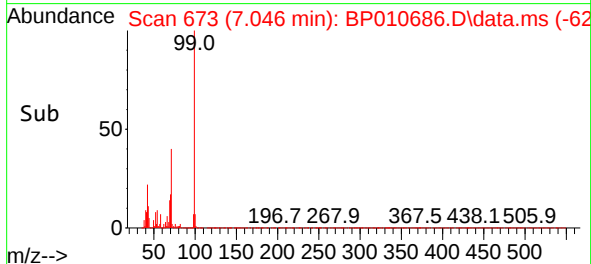
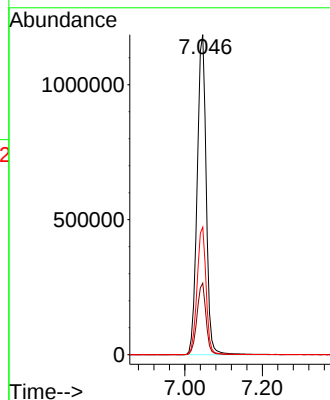
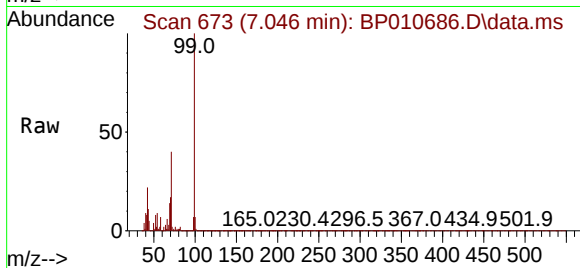




#7
Phenol-d6
Concen: 149.276 ng
RT: 7.046 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

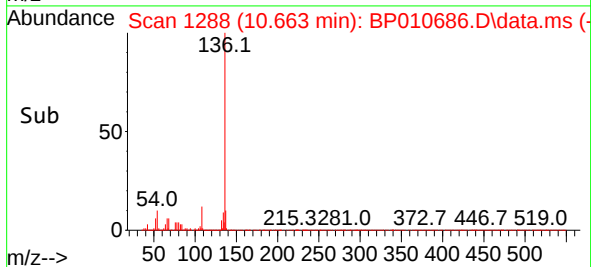
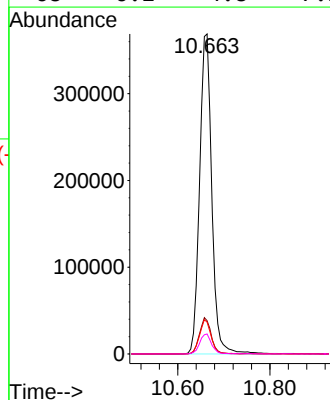
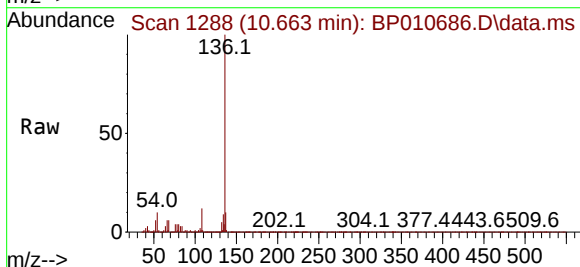
Instrument :
BNA_P
ClientSampleId :
PB145246BL

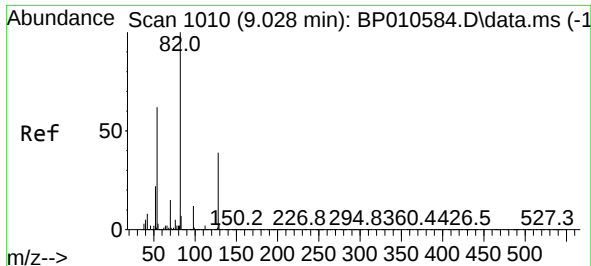
Tgt Ion: 99 Resp: 1919957
Ion Ratio Lower Upper
99 100
42 22.4 20.3 30.5
71 39.8 33.9 50.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

Tgt Ion:136 Resp: 678831
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 10.0 8.7 13.1
68 6.2 4.8 7.2





#23

Nitrobenzene-d5

Concen: 92.911 ng

RT: 9.022 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP010686.D

Acq: 03 Jun 2022 11:19

Instrument :

BNA_P

ClientSampleId :

PB145246BL

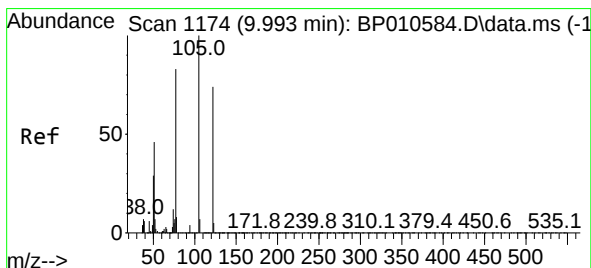
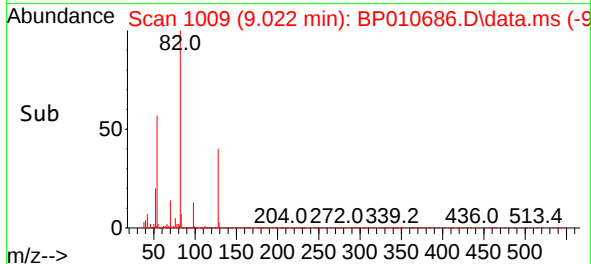
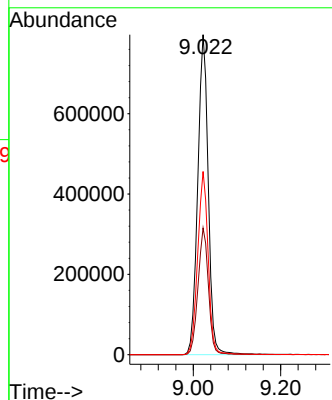
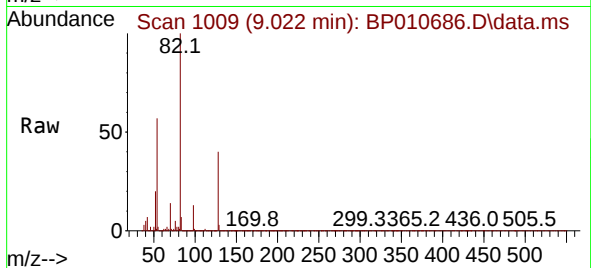
Tgt Ion: 82 Resp: 1334031

Ion Ratio Lower Upper

82 100

128 39.6 31.3 46.9

54 57.2 49.8 74.8



#32

Benzoic acid

Concen: 7.330 ng

RT: 10.040 min Scan# 1182

Delta R.T. 0.018 min

Lab File: BP010686.D

Acq: 03 Jun 2022 11:19

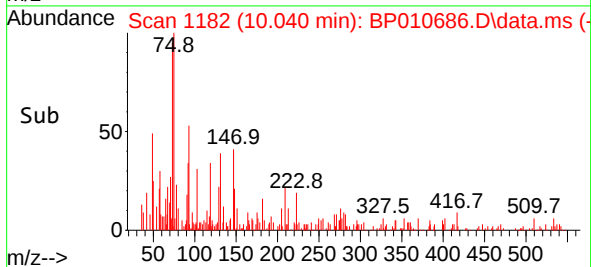
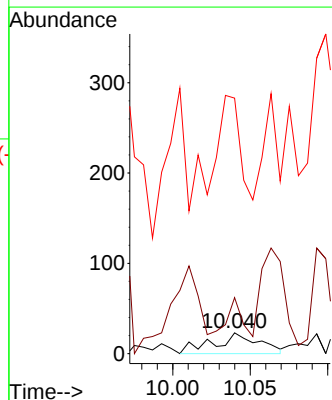
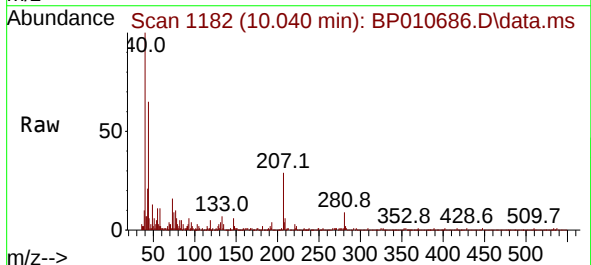
Tgt Ion: 122 Resp: 47

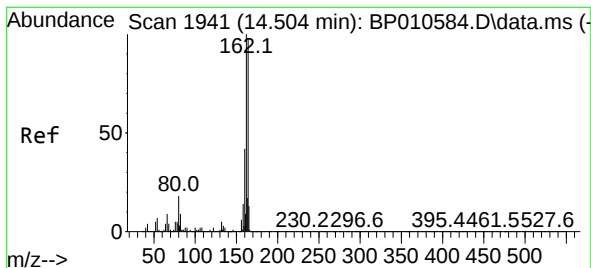
Ion Ratio Lower Upper

122 100

105 269.6 112.6 152.6#

77 1230.4 90.2 130.2#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.499 min Scan# 1940

Delta R.T. 0.000 min

Lab File: BP010686.D

Acq: 03 Jun 2022 11:19

Instrument :

BNA_P

ClientSampleId :

PB145246BL

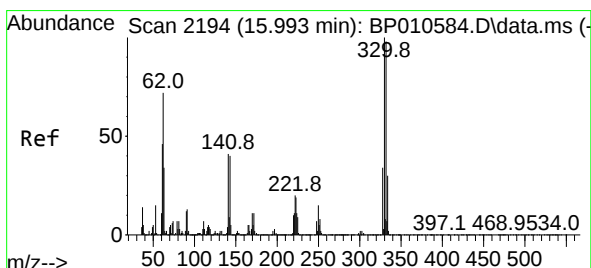
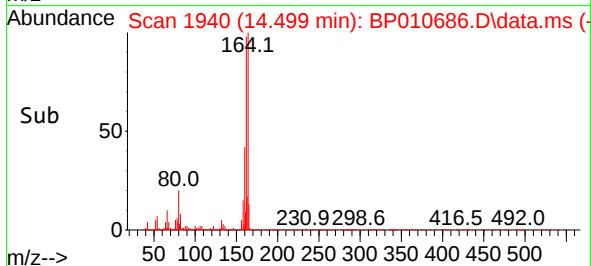
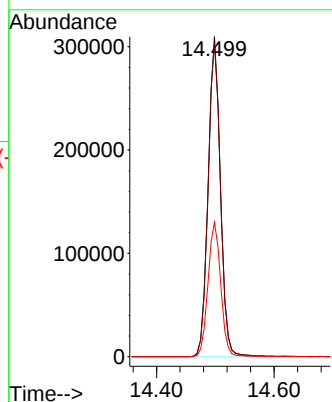
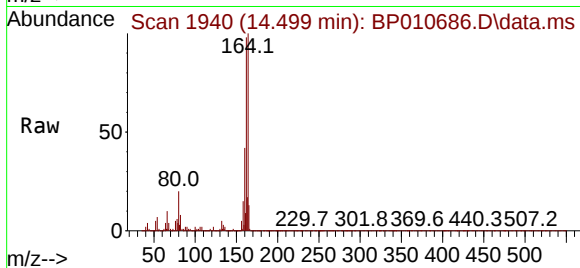
Tgt Ion:164 Resp: 447180

Ion Ratio Lower Upper

164 100

162 97.9 81.9 122.9

160 42.0 34.6 51.8



#42

2,4,6-Tribromophenol

Concen: 166.795 ng

RT: 15.998 min Scan# 2195

Delta R.T. 0.006 min

Lab File: BP010686.D

Acq: 03 Jun 2022 11:19

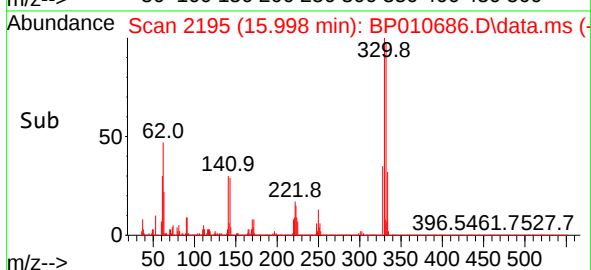
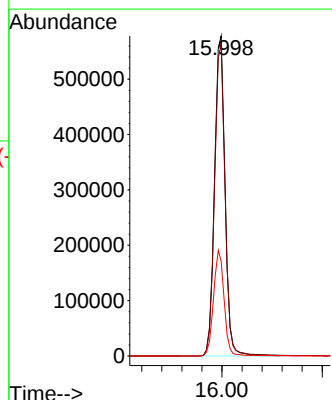
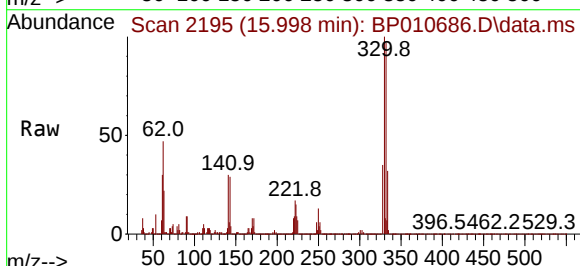
Tgt Ion:330 Resp: 844296

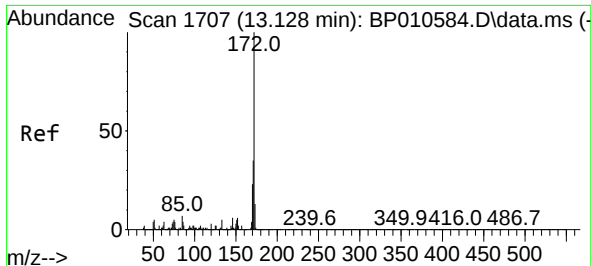
Ion Ratio Lower Upper

330 100

332 97.0 78.1 117.1

141 33.2 31.4 47.2

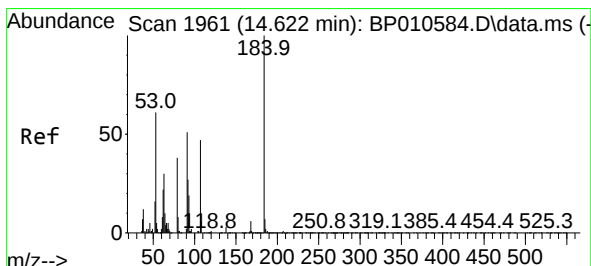
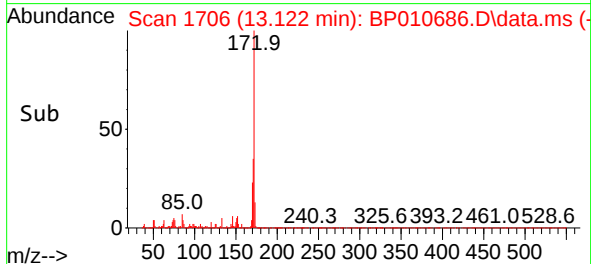
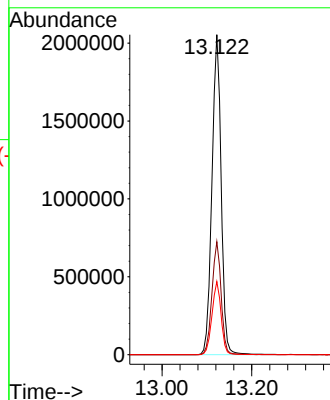
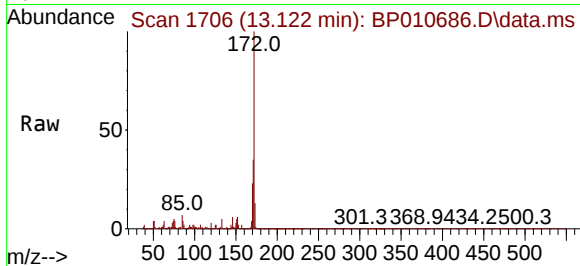




#45
2-Fluorobiphenyl
Concen: 92.944 ng
RT: 13.122 min Scan# 1707
Delta R.T. 0.006 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

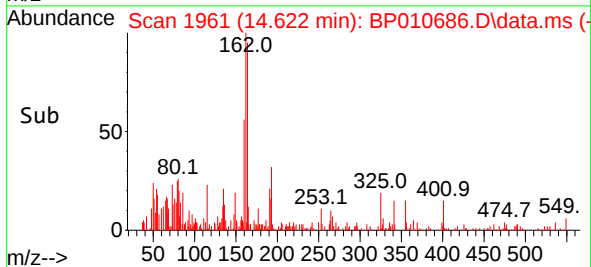
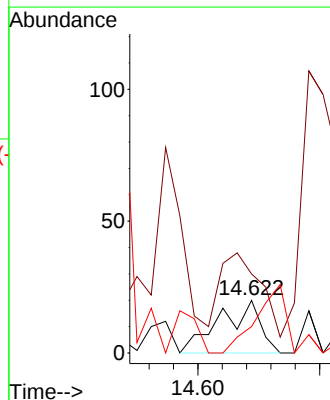
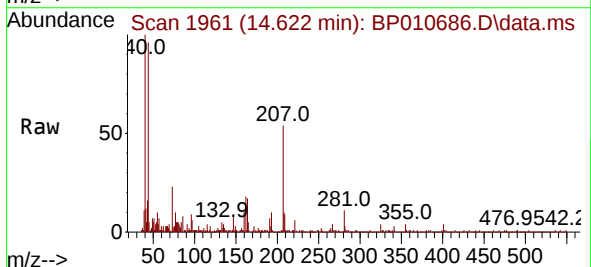
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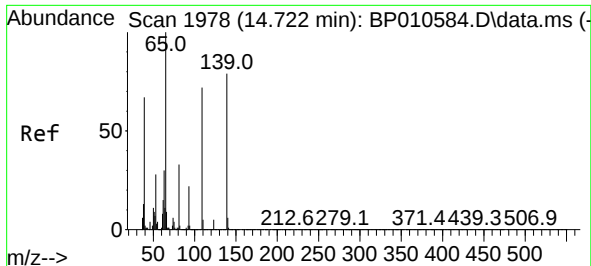
Tgt Ion:172 Resp: 2928509
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 22.9 18.2 27.2



#54
2,4-Dinitrophenol
Concen: 6.651 ng
RT: 14.622 min Scan# 1961
Delta R.T. 0.000 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

Tgt Ion:184 Resp: 23
Ion Ratio Lower Upper
184 100
63 150.0 65.4 98.2#
154 50.0 55.4 83.2#

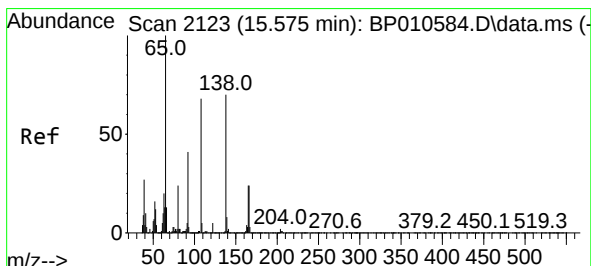
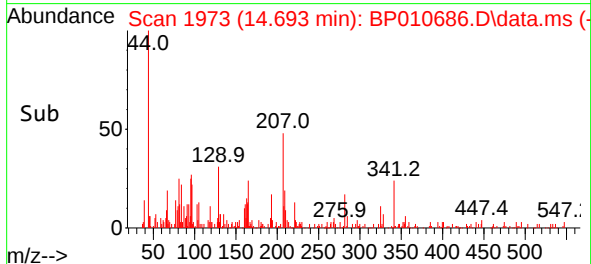
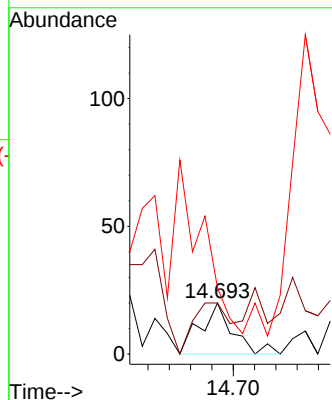
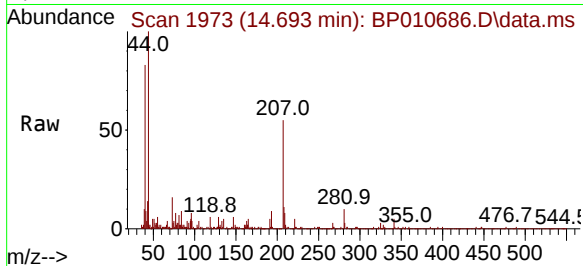




#56
4-Nitrophenol
Concen: 3.601 ng
RT: 14.693 min Scan# 1973
Delta R.T. -0.047 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

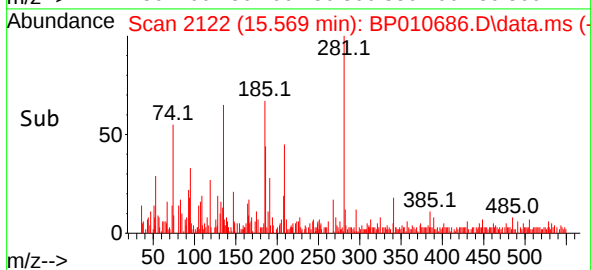
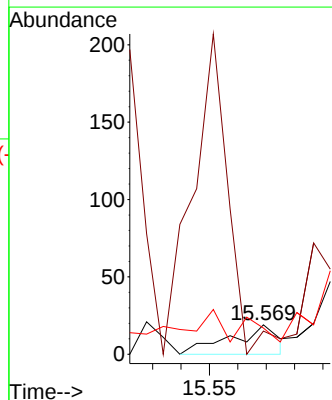
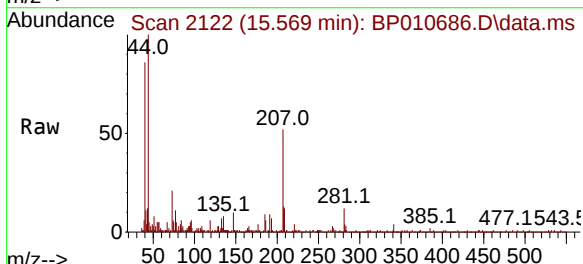
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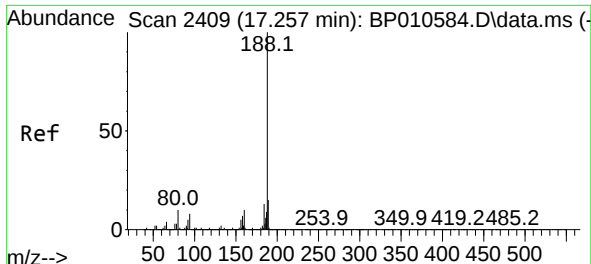
Tgt Ion:	139	Resp:	21
Ion	Ratio	Lower	Upper
139	100		
109	100.0	70.6	110.6
65	130.0	106.6	146.6



#62
4-Nitroaniline
Concen: 2.136 ng
RT: 15.569 min Scan# 2122
Delta R.T. -0.006 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

Tgt Ion:	138	Resp:	22
Ion	Ratio	Lower	Upper
138	100		
92	78.9	38.0	78.0#
108	89.5	77.6	117.6

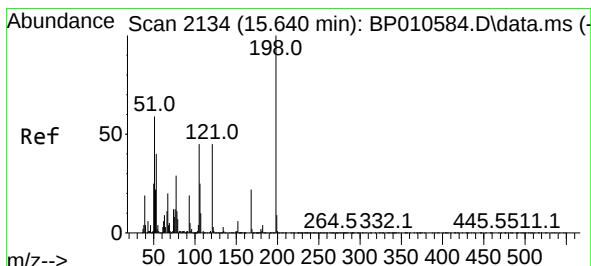
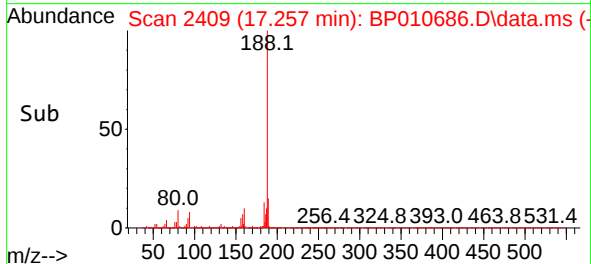
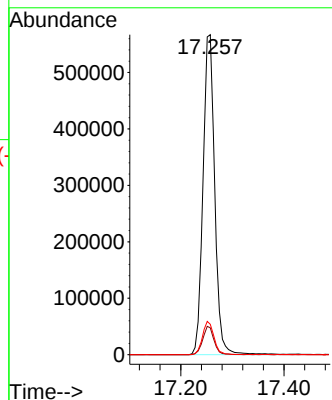
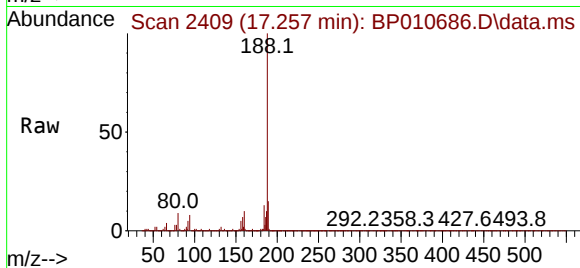




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2409
Delta R.T. 0.006 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

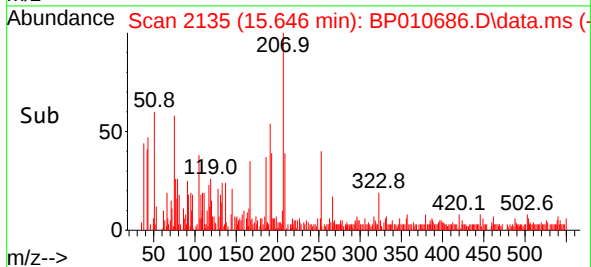
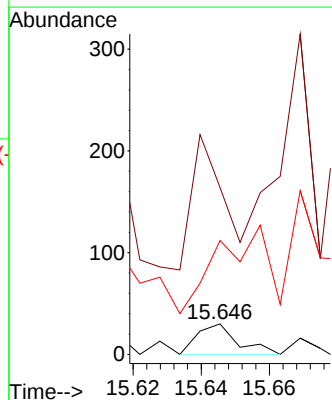
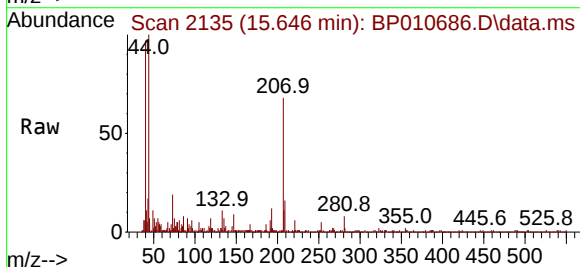
Instrument :
BNA_P
ClientSampleId :
PB145246BL

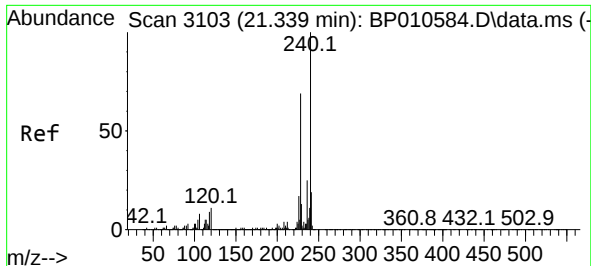
Tgt Ion:188 Resp: 891997
Ion Ratio Lower Upper
188 100
94 8.4 6.6 10.0
80 9.5 8.0 12.0



#65
4,6-Dinitro-2-methylphenol
Concen: 4.607 ng
RT: 15.646 min Scan# 2135
Delta R.T. 0.006 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

Tgt Ion:198 Resp: 25
Ion Ratio Lower Upper
198 100
51 546.7 41.2 81.2#
105 373.3 25.3 65.3#

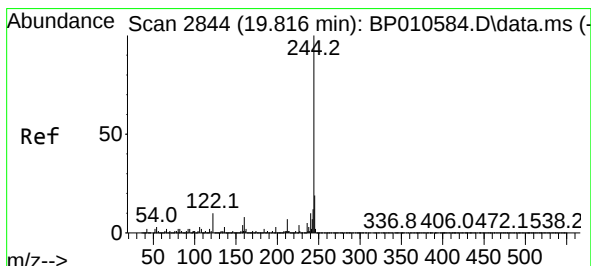
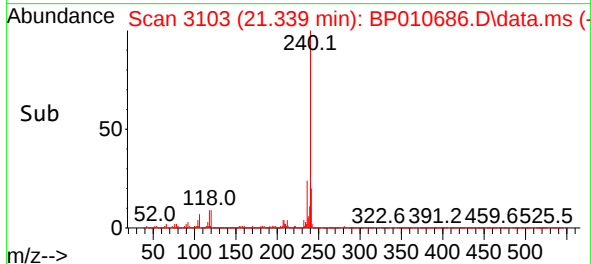
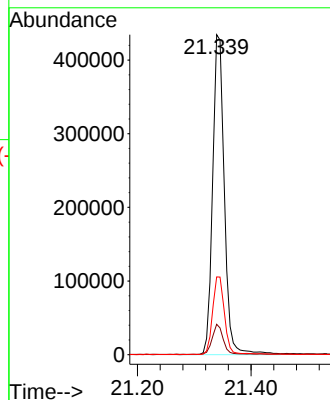
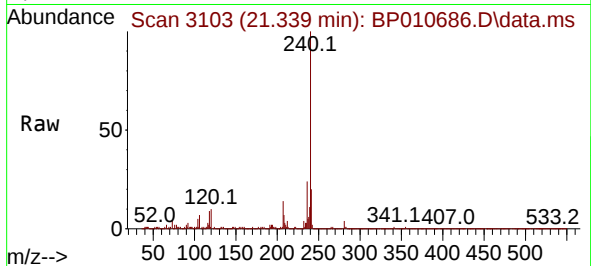




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

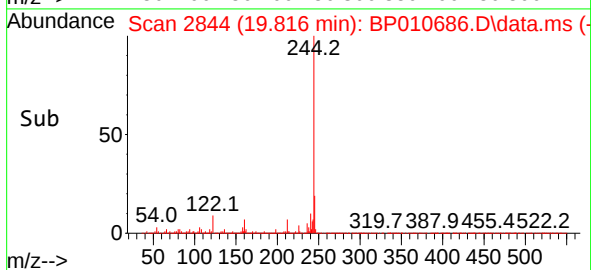
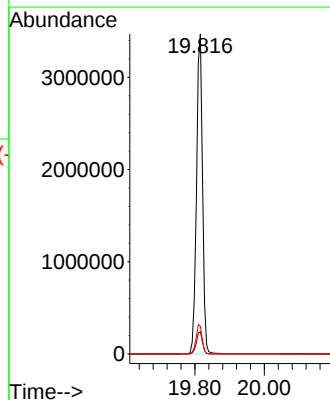
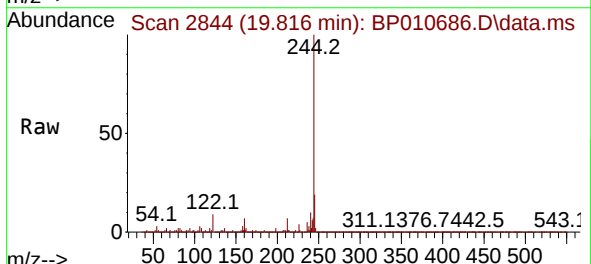
Instrument :
BNA_P
ClientSampleId :
PB145246BL

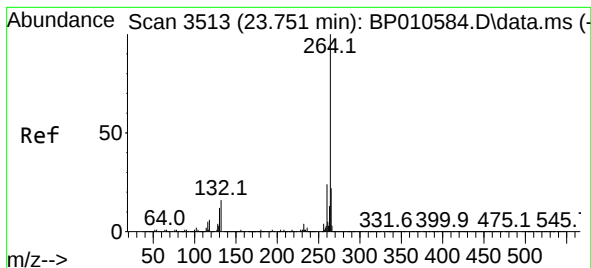
Tgt Ion:240 Resp: 616887
Ion Ratio Lower Upper
240 100
120 9.5 8.6 12.8
236 24.3 19.8 29.6



#79
Terphenyl-d14
Concen: 126.725 ng
RT: 19.816 min Scan# 2844
Delta R.T. 0.006 min
Lab File: BP010686.D
Acq: 03 Jun 2022 11:19

Tgt Ion:244 Resp: 4161996
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 8.7 7.6 11.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.757 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP010686.D

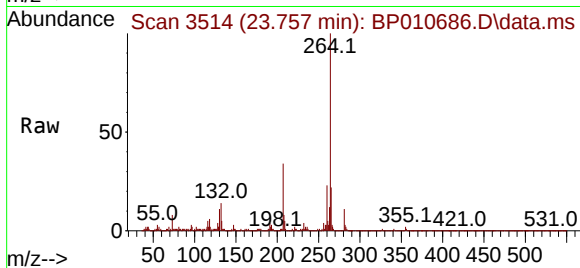
Acq: 03 Jun 2022 11:19

Instrument :

BNA_P

ClientSampleId :

PB145246BL



Tgt Ion:264 Resp: 550364

Ion Ratio Lower Upper

264 100

260 22.5 19.3 28.9

265 21.7 18.0 27.0

