

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052824\
 Data File : BP020467.D
 Acq On : 28 May 2024 19:22
 Operator : MA/JU
 Sample : PB160983BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB160983BL

Quant Time: May 29 02:05:02 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 01:36:38 2024
 Response via : Initial Calibration

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

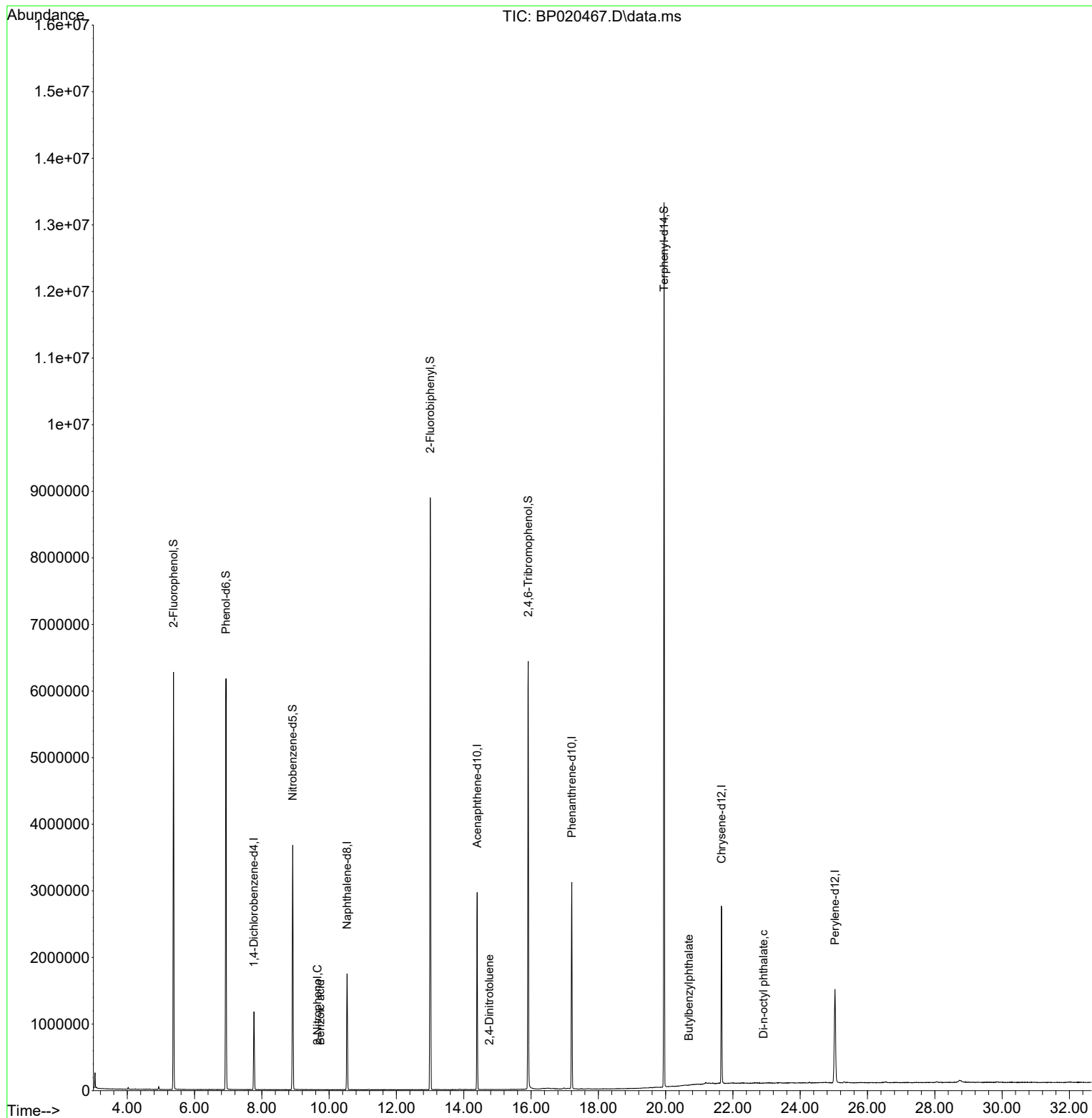
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	338587	20.000	ng	0.00
21) Naphthalene-d8	10.534	136	1398964	20.000	ng	0.00
39) Acenaphthene-d10	14.398	164	908975	20.000	ng	0.00
64) Phenanthrene-d10	17.210	188	1889824	20.000	ng	0.00
76) Chrysene-d12	21.663	240	1480162	20.000	ng	-0.01
86) Perylene-d12	25.033	264	1377802	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	2546780	132.368	ng	0.00
7) Phenol-d6	6.934	99	3293369	125.159	ng	0.00
23) Nitrobenzene-d5	8.916	82	2051236	81.787	ng	0.00
42) 2,4,6-Tribromophenol	15.916	330	1140745	133.096	ng	0.00
45) 2-Fluorobiphenyl	13.004	172	4759205	76.055	ng	0.00
79) Terphenyl-d14	19.957	244	6910169	79.066	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.934	77	6191	Below Cal	#	7
26) 2-Nitrophenol	9.652	139	113	3.476	ng	# 72
32) Benzoic acid	9.740	122	101	5.242	ng	82
54) 2,4-Dinitrophenol	14.493	184	9	Below Cal	#	1
57) 2,4-Dinitrotoluene	14.763	165	252	4.040	ng	# 53
80) Butylbenzylphthalate	20.692	149	694	3.784	ng	# 73
85) Di-n-octyl phthalate	22.904	149	1585	2.440	ng	# 90

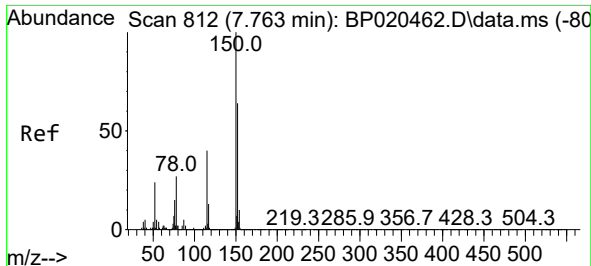
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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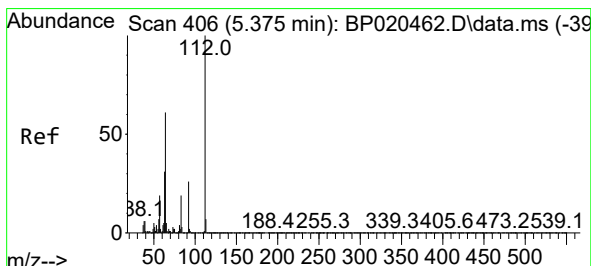
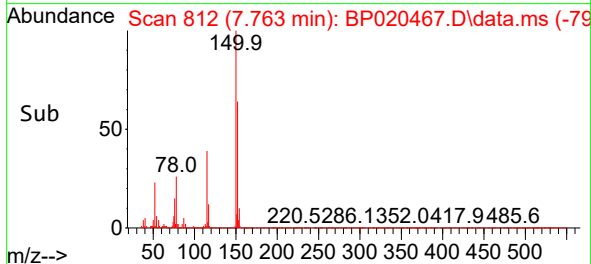
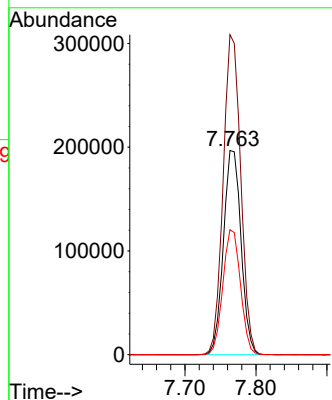
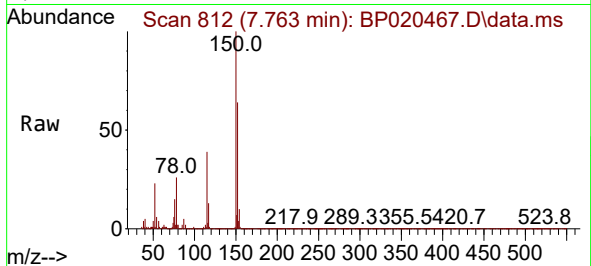




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.763 min Scan# 812
Delta R.T. 0.000 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

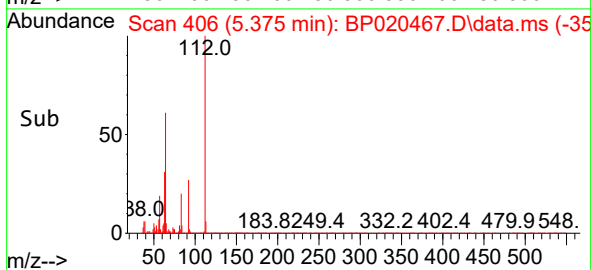
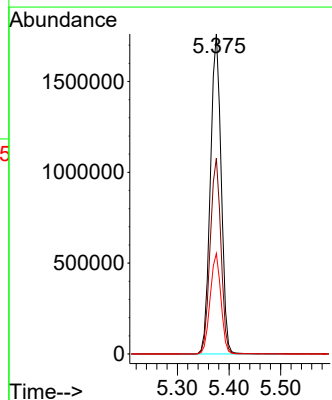
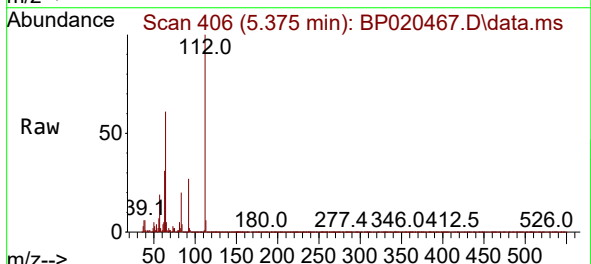
Instrument :
BNA_P
ClientSampleId :
PB160983BL

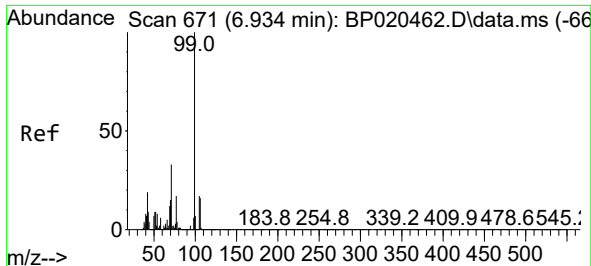
Tgt Ion:152 Resp: 338587
Ion Ratio Lower Upper
152 100
150 156.7 125.0 187.4
115 61.2 50.2 75.4



#5
2-Fluorophenol
Concen: 132.368 ng
RT: 5.375 min Scan# 406
Delta R.T. 0.000 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

Tgt Ion:112 Resp: 2546780
Ion Ratio Lower Upper
112 100
64 61.2 48.5 72.7
63 31.4 25.0 37.6

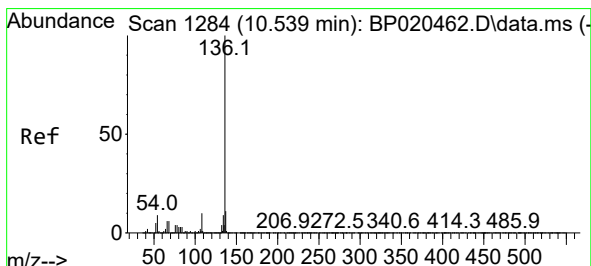
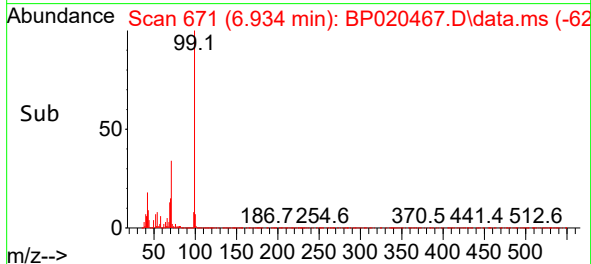
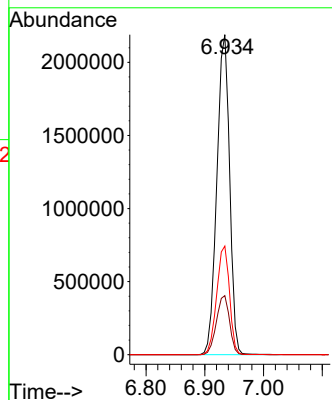
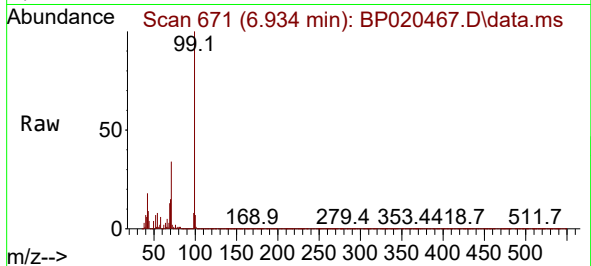




#7
Phenol-d6
Concen: 125.159 ng
RT: 6.934 min Scan# 61
Delta R.T. 0.000 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

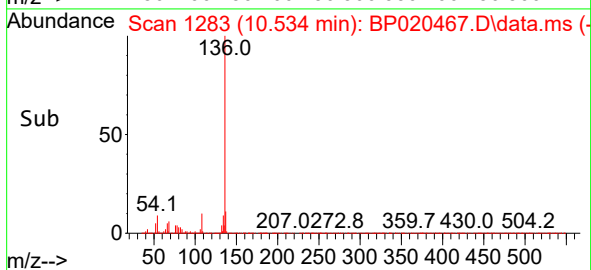
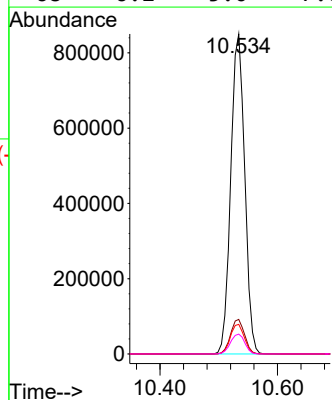
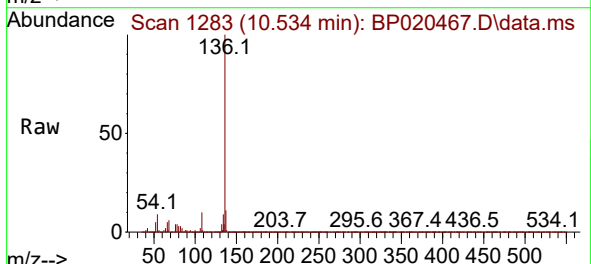
Instrument :
BNA_P
ClientSampleId :
PB160983BL

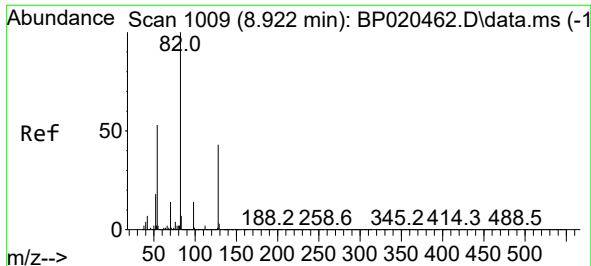
Tgt Ion: 99 Resp: 3293369
Ion Ratio Lower Upper
99 100
42 18.4 15.0 22.4
71 33.9 26.5 39.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.534 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

Tgt Ion:136 Resp: 1398964
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.2 7.3 10.9
68 6.2 5.0 7.6

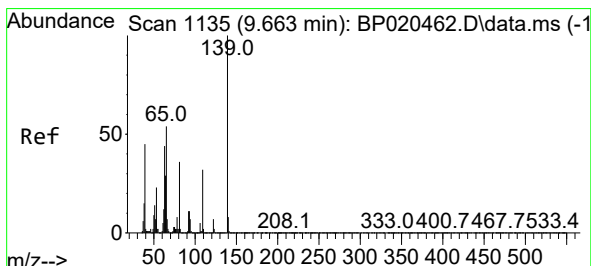
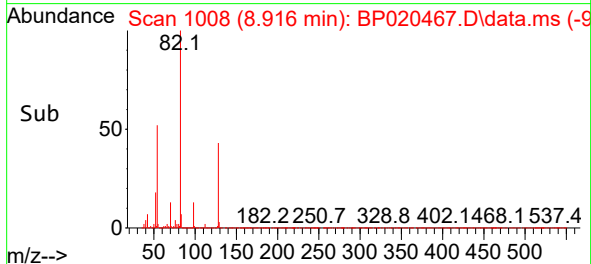
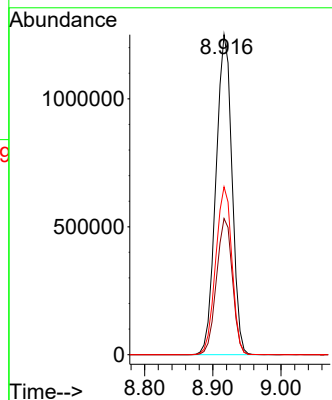
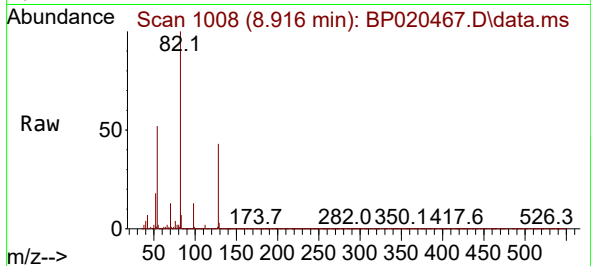




#23
Nitrobenzene-d5
Concen: 81.787 ng
RT: 8.916 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

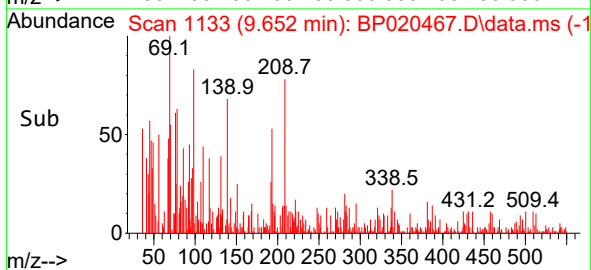
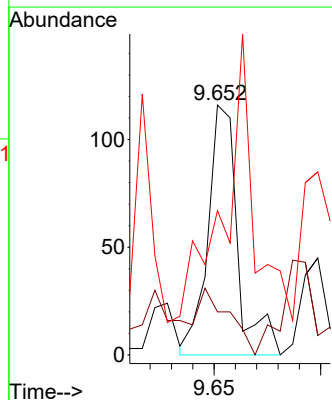
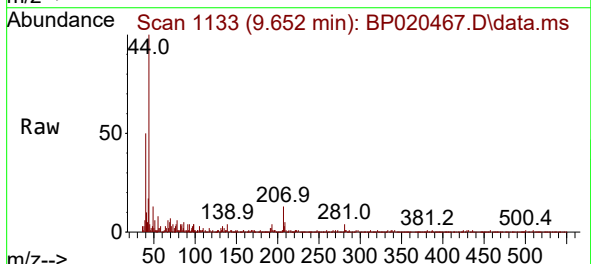
Instrument :
BNA_P
ClientSampleId :
PB160983BL

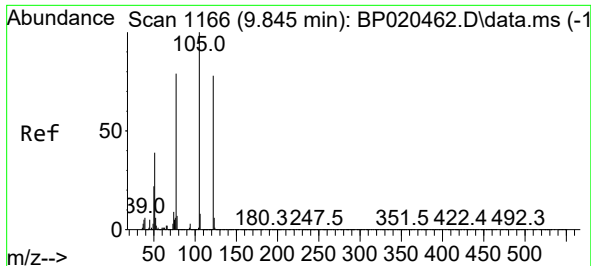
Tgt Ion: 82 Resp: 2051236
Ion Ratio Lower Upper
82 100
128 42.5 34.6 51.8
54 52.5 42.7 64.1



#26
2-Nitrophenol
Concen: 3.476 ng
RT: 9.652 min Scan# 1133
Delta R.T. -0.011 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

Tgt Ion:139 Resp: 113
Ion Ratio Lower Upper
139 100
109 71.9 25.4 38.0#
65 55.4 43.0 64.4

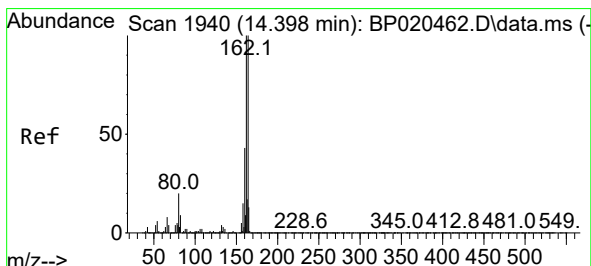
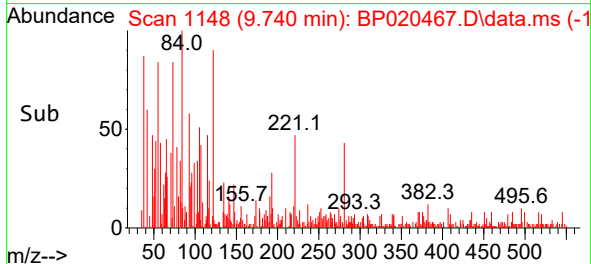
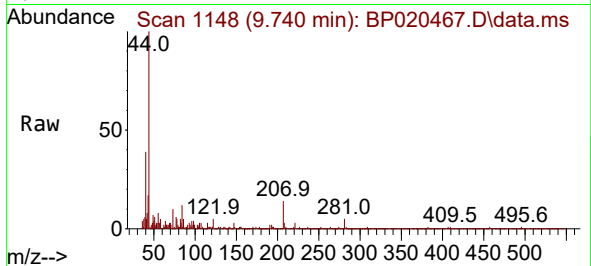




#32
Benzoic acid
Concen: 5.242 ng
RT: 9.740 min Scan# 1166
Delta R.T. -0.105 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

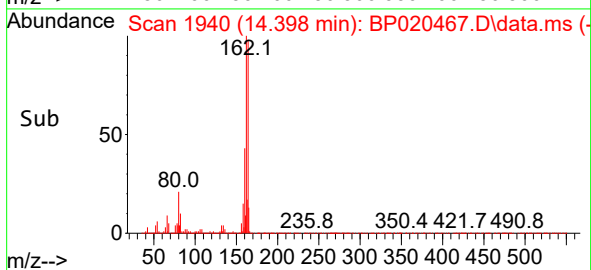
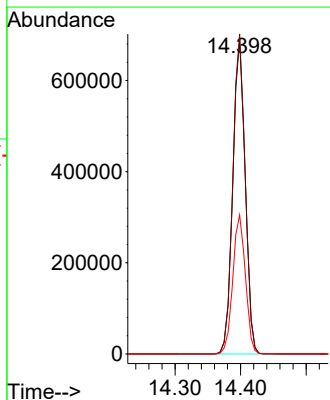
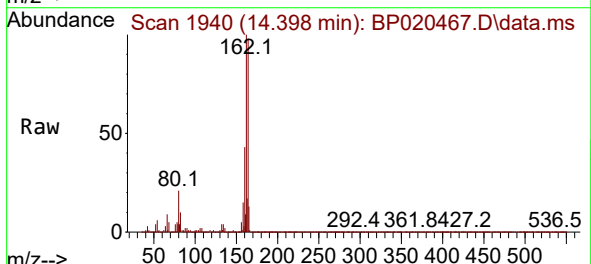
Instrument :
BNA_P
ClientSampleId :
PB160983BL

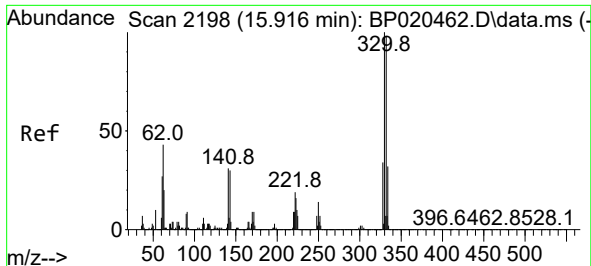
Tgt Ion:	122	Resp:	101
Ion	Ratio	Lower	Upper
122	100		
105	105.6	104.4	144.4
77	118.8	79.3	119.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.398 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

Tgt Ion:	164	Resp:	908975
Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.1	120.1
160	44.2	34.7	52.1

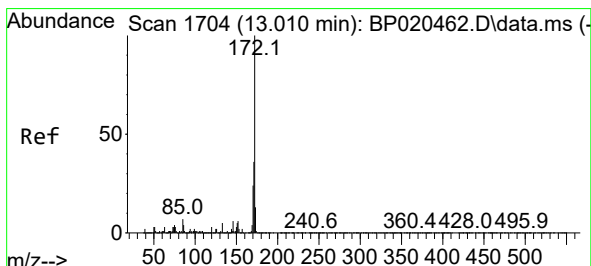
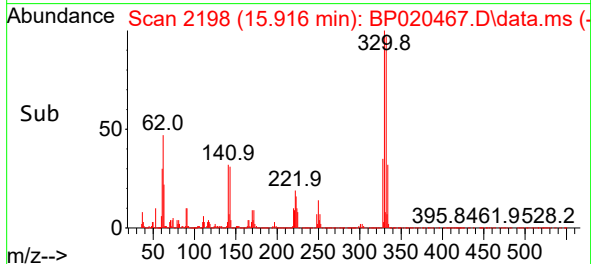
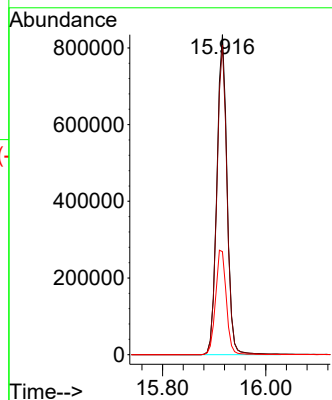
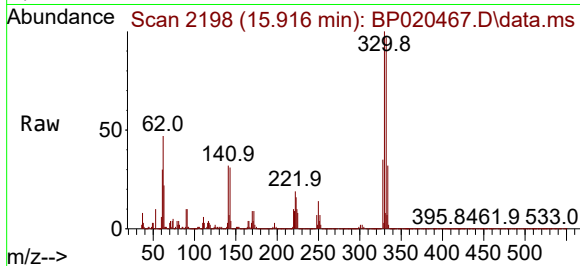




#42
2,4,6-Tribromophenol
Concen: 133.096 ng
RT: 15.916 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

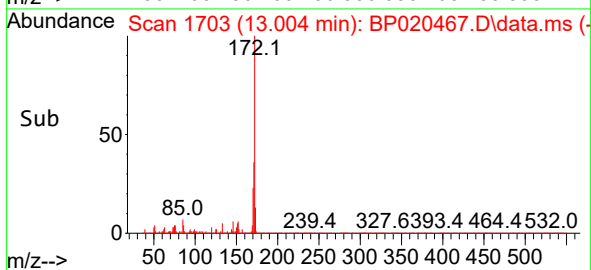
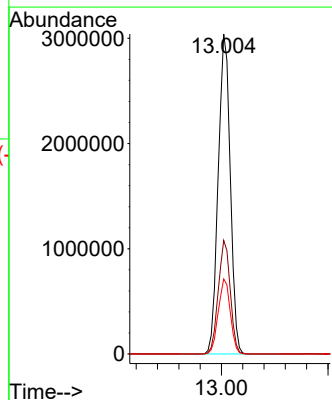
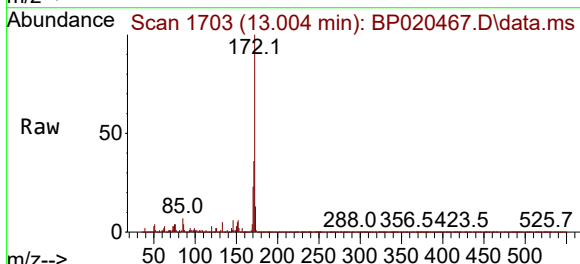
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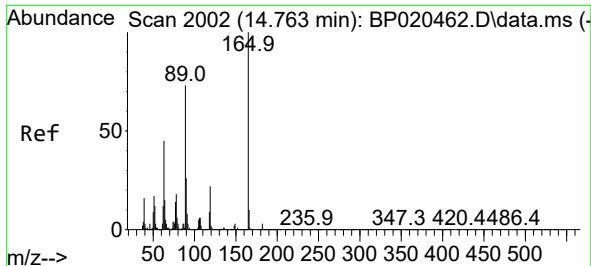
Tgt Ion:330 Resp: 1140745
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.8
141 34.5 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 76.055 ng
RT: 13.004 min Scan# 1703
Delta R.T. -0.006 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

Tgt Ion:172 Resp: 4759205
Ion Ratio Lower Upper
172 100
171 35.5 28.6 42.8
170 23.5 18.8 28.2

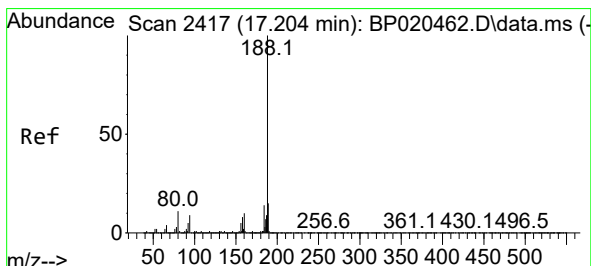
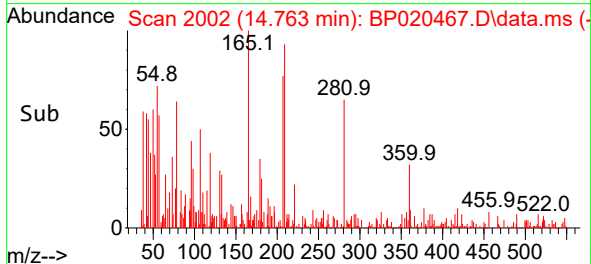
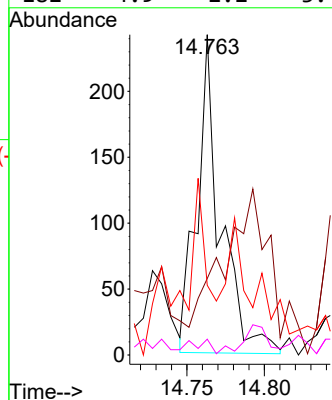
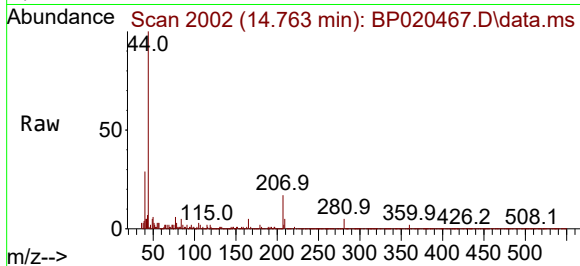




#57
2,4-Dinitrotoluene
Concen: 4.040 ng
RT: 14.763 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

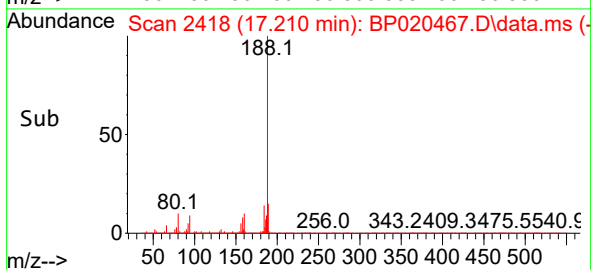
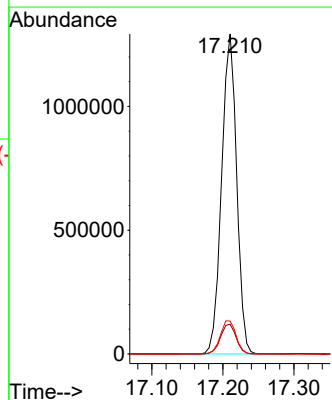
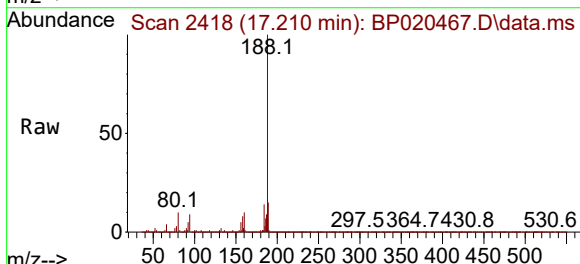
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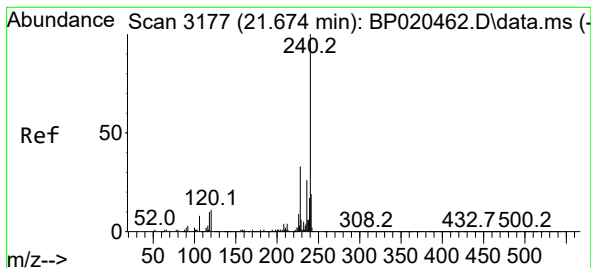
Tgt Ion:165 Resp: 252
Ion Ratio Lower Upper
165 100
63 23.9 36.2 54.4#
89 24.3 58.5 87.7#
182 4.9 2.2 3.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.210 min Scan# 2418
Delta R.T. 0.006 min
Lab File: BP020467.D
Acq: 28 May 2024 19:22

Tgt Ion:188 Resp: 1889824
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.0
80 10.3 8.5 12.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.663 min Scan# 3175

Delta R.T. -0.011 min

Lab File: BP020467.D

Acq: 28 May 2024 19:22

Instrument :

BNA_P

ClientSampleId :

PB160983BL

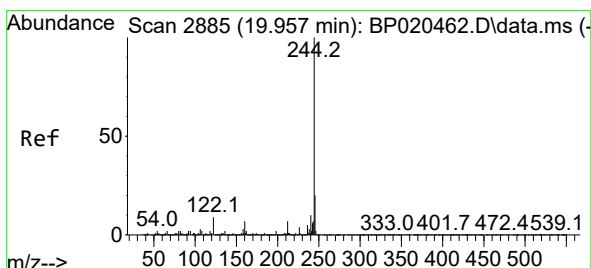
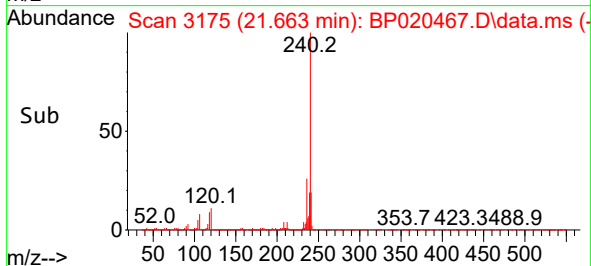
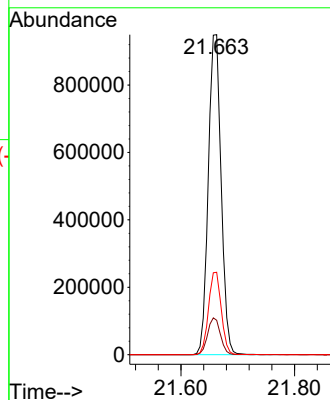
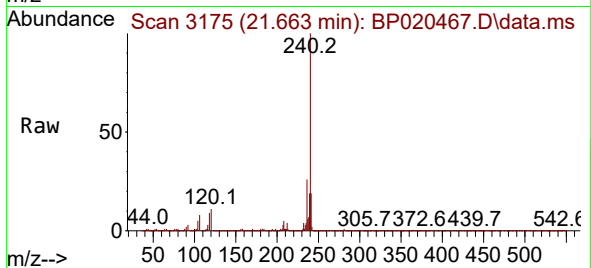
Tgt Ion:240 Resp: 1480162

Ion Ratio Lower Upper

240 100

120 10.8 8.9 13.3

236 25.8 20.6 31.0



#79

Terphenyl-d14

Concen: 79.066 ng

RT: 19.957 min Scan# 2885

Delta R.T. 0.000 min

Lab File: BP020467.D

Acq: 28 May 2024 19:22

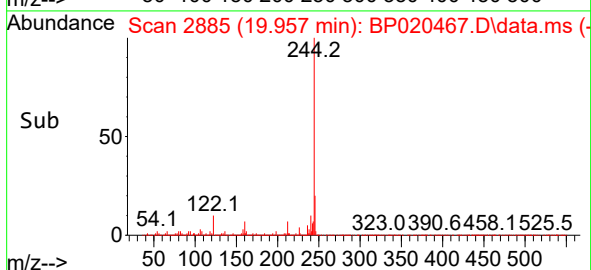
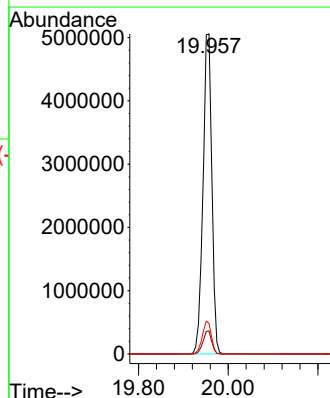
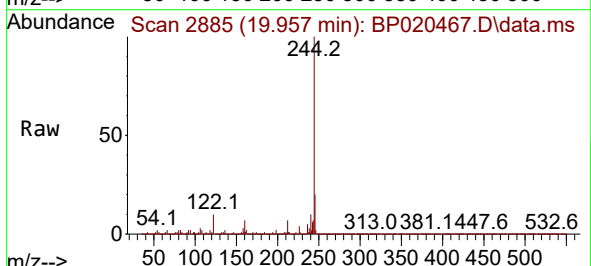
Tgt Ion:244 Resp: 6910169

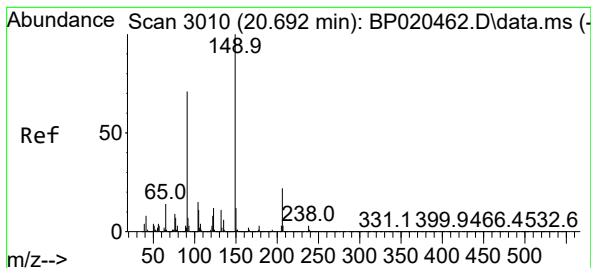
Ion Ratio Lower Upper

244 100

212 7.2 5.6 8.4

122 9.6 7.4 11.0





#80

Butylbenzylphthalate

Concen: 3.784 ng

RT: 20.692 min Scan# 3010

Delta R.T. 0.000 min

Lab File: BP020467.D

Acq: 28 May 2024 19:22

Instrument :

BNA_P

ClientSampleId :

PB160983BL

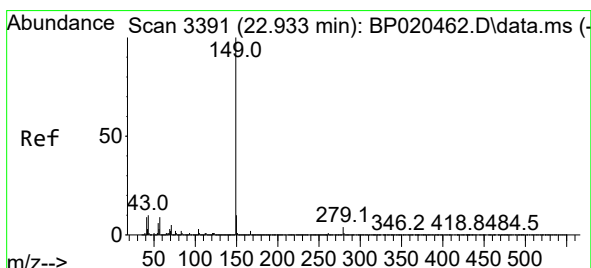
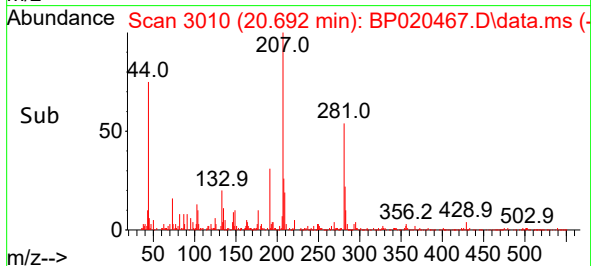
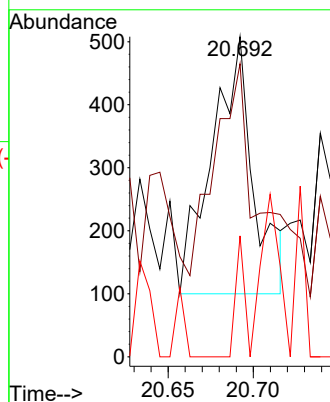
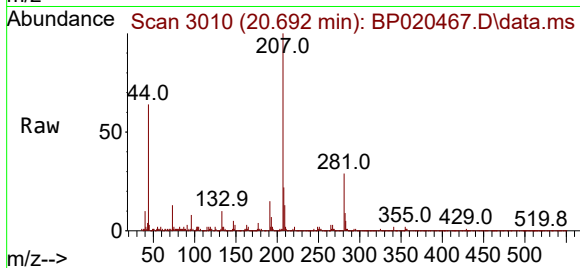
Tgt Ion:149 Resp: 694

Ion Ratio Lower Upper

149 100

91 91.5 57.1 85.7#

206 37.8 17.3 25.9#



#85

Di-n-octyl phthalate

Concen: 2.440 ng

RT: 22.904 min Scan# 3386

Delta R.T. -0.029 min

Lab File: BP020467.D

Acq: 28 May 2024 19:22

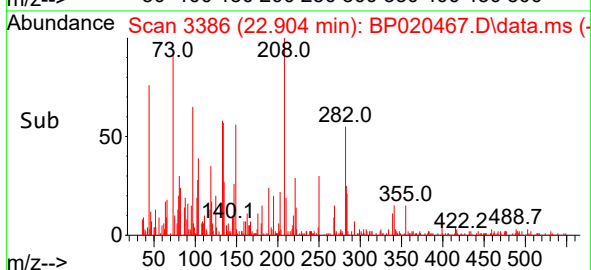
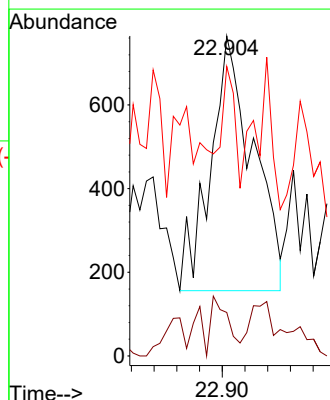
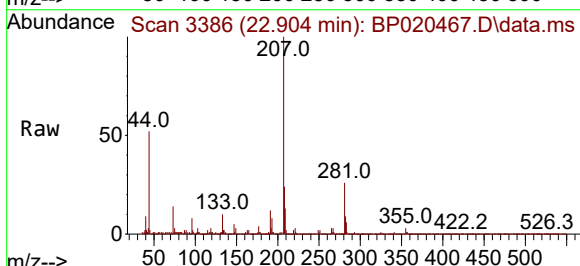
Tgt Ion:149 Resp: 1585

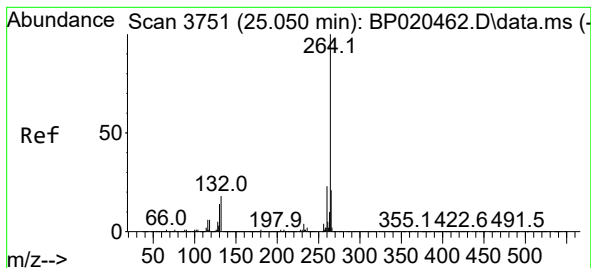
Ion Ratio Lower Upper

149 100

167 9.7 1.3 1.9#

43 13.7 8.5 12.7#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.033 min Scan# 31

Delta R.T. -0.017 min

Lab File: BP020467.D

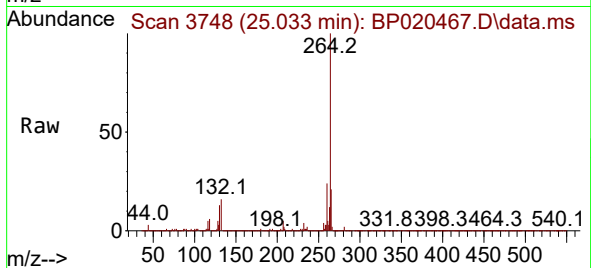
Acq: 28 May 2024 19:22

Instrument :

BNA_P

ClientSampleId :

PB160983BL



Tgt Ion:264 Resp: 1377802

Ion Ratio Lower Upper

264 100

260 24.0 18.6 28.0

265 21.3 17.3 25.9

