

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015306.D
 Acq On : 26 May 2023 13:10
 Operator : CG/JU
 Sample : PB152407BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB152407BL

Quant Time: May 26 14:39:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

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

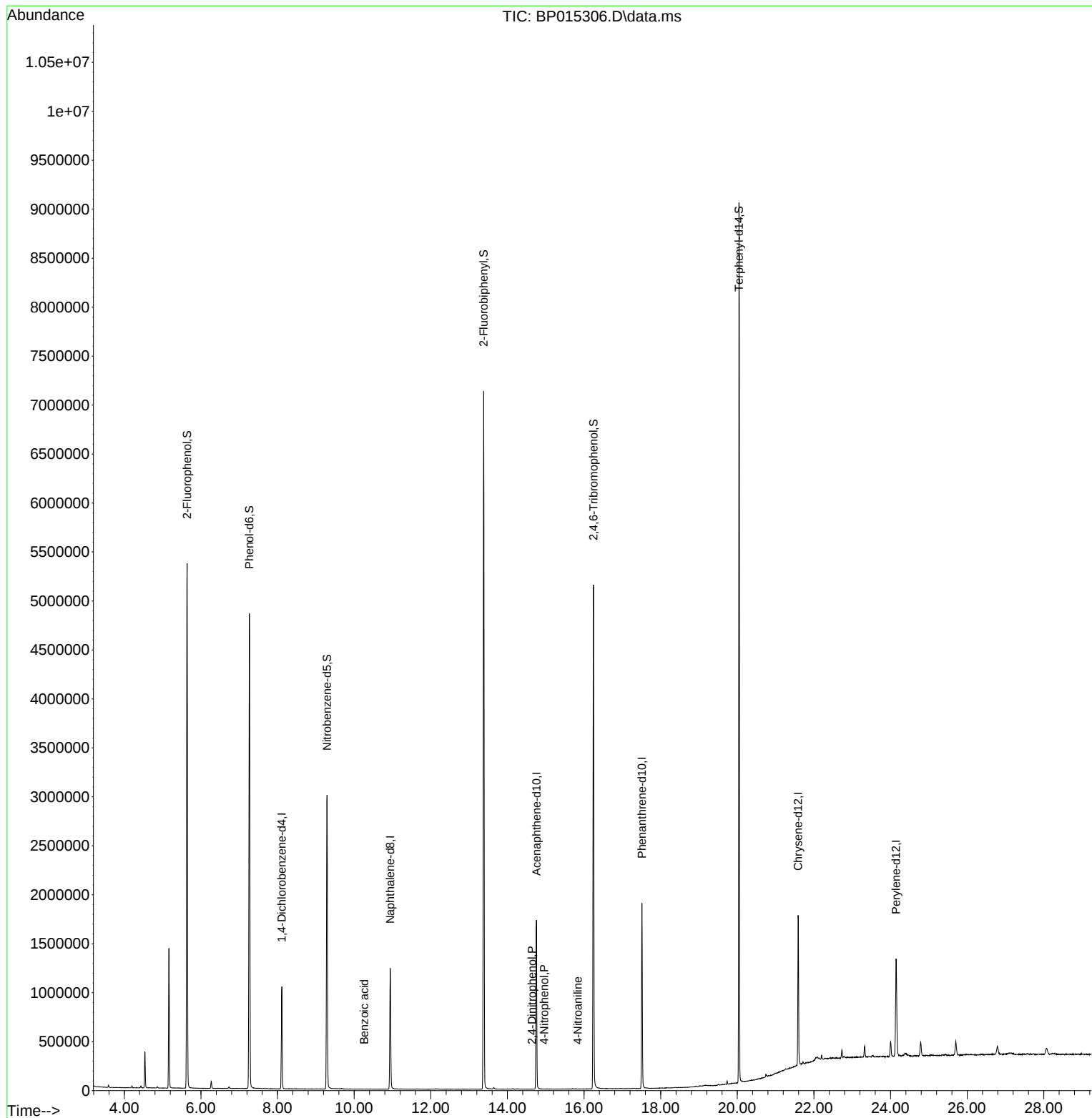
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.111	152	270015	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	1022367	20.000	ng	0.00
39) Acenaphthene-d10	14.757	164	583893	20.000	ng	0.00
64) Phenanthrene-d10	17.510	188	1115179	20.000	ng	0.00
76) Chrysene-d12	21.586	240	780192	20.000	ng	0.00
86) Perylene-d12	24.145	264	827634	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	2254968	138.385	ng	0.00
7) Phenol-d6	7.263	99	2779775	130.172	ng	0.00
23) Nitrobenzene-d5	9.293	82	1784207	85.210	ng	0.00
42) 2,4,6-Tribromophenol	16.245	330	929622	117.159	ng	0.00
45) 2-Fluorobiphenyl	13.381	172	3596826	82.702	ng	0.00
79) Terphenyl-d14	20.045	244	4113331	99.168	ng	0.00
Target Compounds						
9) Benzaldehyde	7.269	77	5052	Below Cal	Qvalue	# 5
32) Benzoic acid	10.263	122	26	6.345 ng	#	1
54) 2,4-Dinitrophenol	14.640	184	24	5.191 ng	#	90
56) 4-Nitrophenol	14.963	139	17	3.431 ng	#	29
62) 4-Nitroaniline	15.834	138	19	2.307 ng	#	57

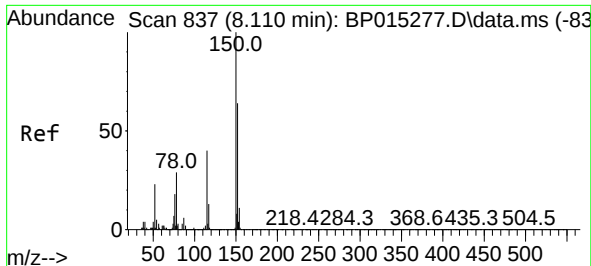
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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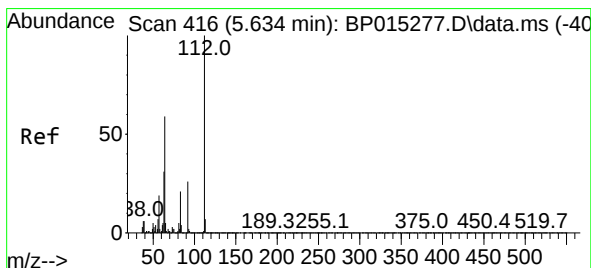
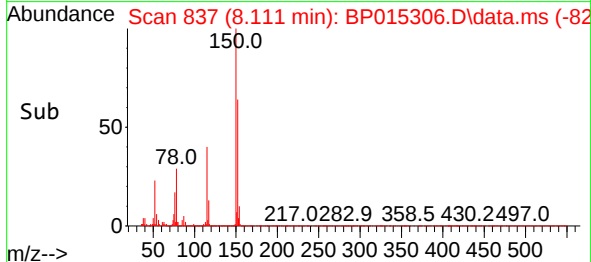
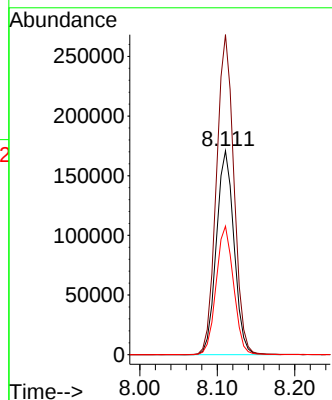
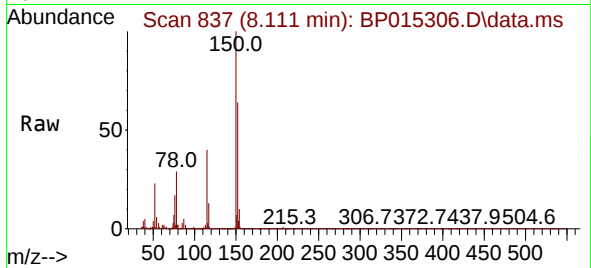




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.111 min Scan# 81
Delta R.T. 0.001 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

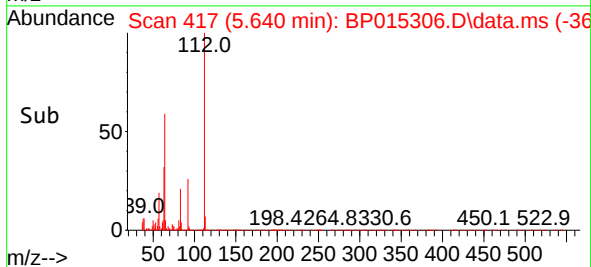
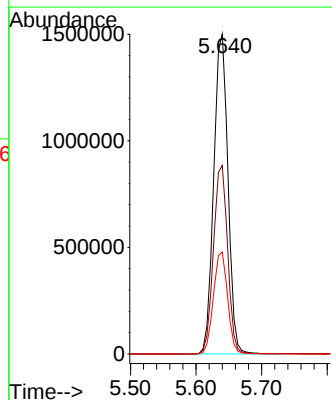
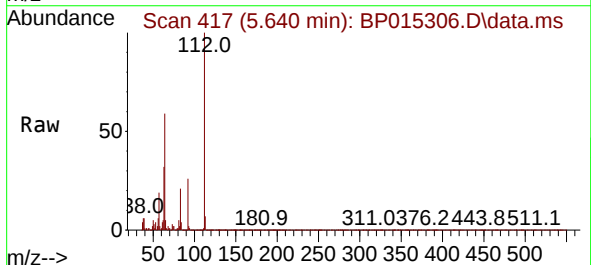
Instrument :
BNA_P
ClientSampleId :
PB152407BL

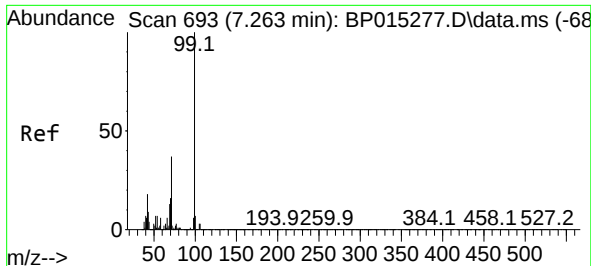
Tgt Ion:152 Resp: 270015
Ion Ratio Lower Upper
152 100
150 157.0 124.2 186.2
115 63.0 49.1 73.7



#5
2-Fluorophenol
Concen: 138.385 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Tgt Ion:112 Resp: 2254968
Ion Ratio Lower Upper
112 100
64 58.9 47.2 70.8
63 31.9 24.6 37.0



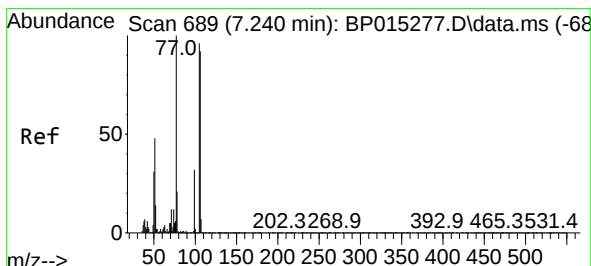
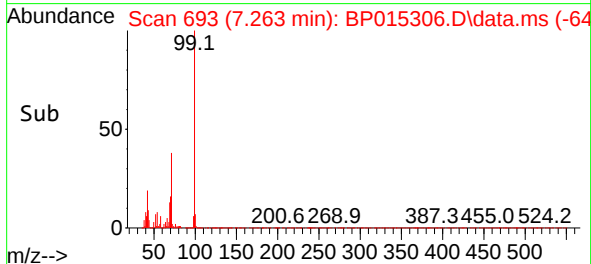
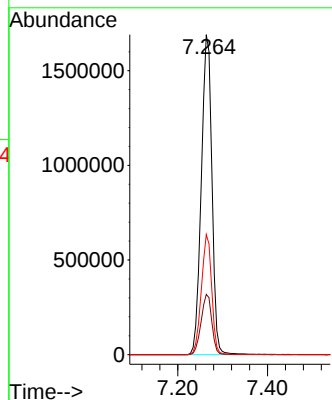
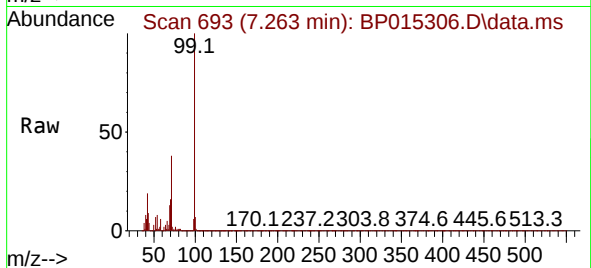


#7
Phenol-d6
Concen: 130.172 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Instrument :
BNA_P
ClientSampleId :
PB152407BL

Tgt Ion: 99 Resp: 2779775

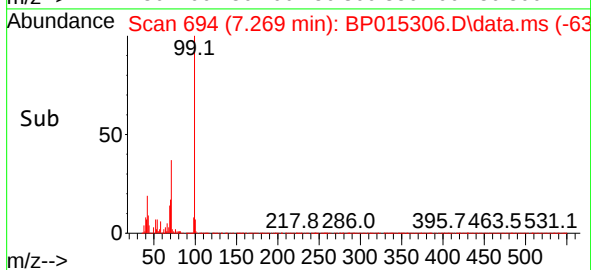
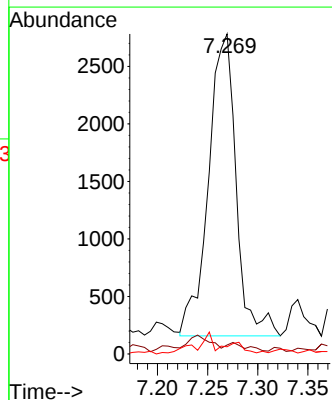
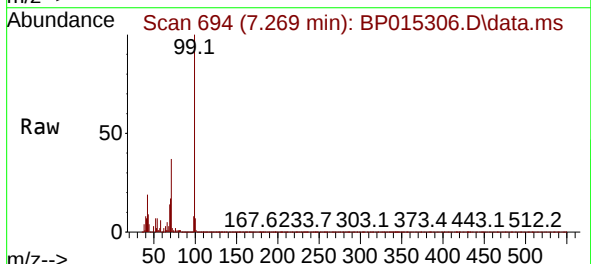
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	22.0
71	37.6	29.4	44.2

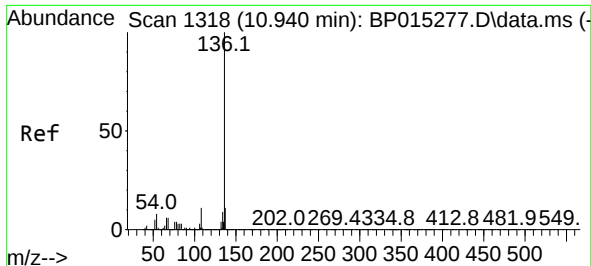


#9
Benzaldehyde
Concen: Below Cal
RT: 7.269 min Scan# 694
Delta R.T. 0.029 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Tgt Ion: 77 Resp: 5052

Ion	Ratio	Lower	Upper
77	100		
105	2.8	75.9	115.9#
106	2.3	72.3	112.3#



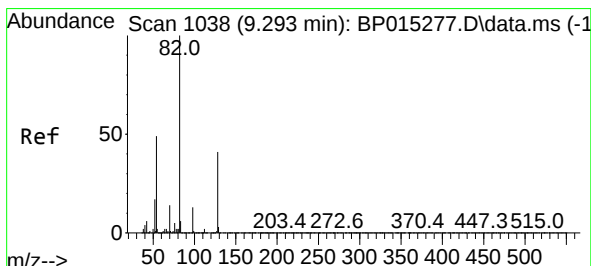
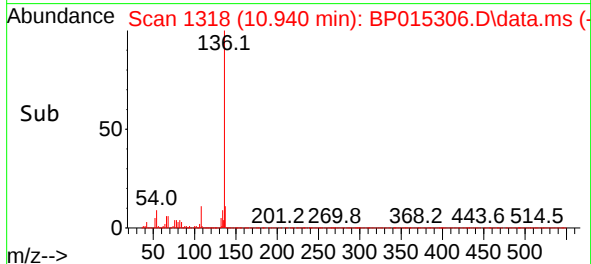
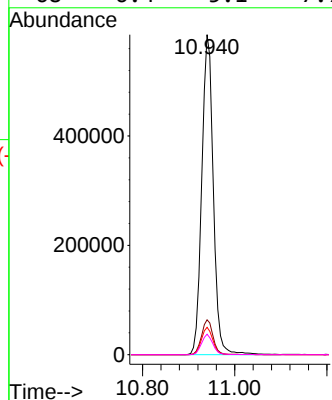
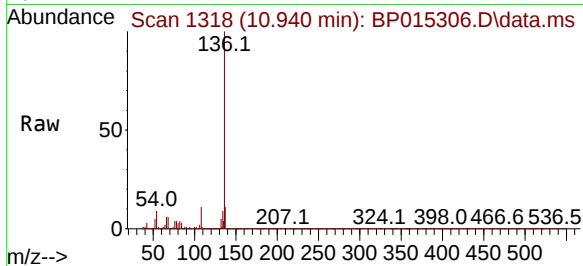


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Instrument :
BNA_P
ClientSampleId :
PB152407BL

Tgt Ion:136 Resp: 1022367

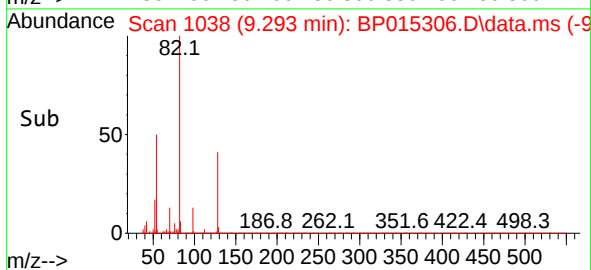
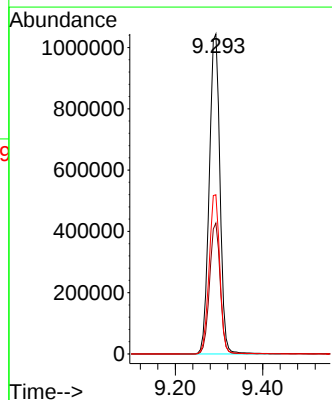
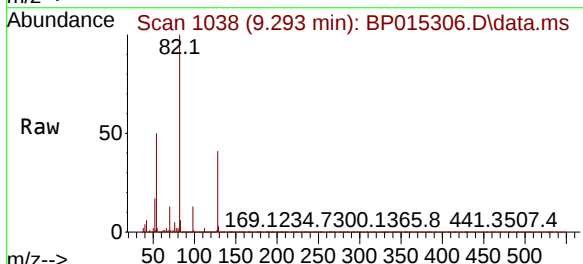
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.6	6.3	9.5
68	6.4	5.1	7.7

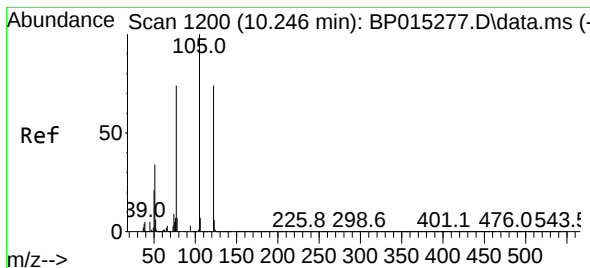


#23
Nitrobenzene-d5
Concen: 85.210 ng
RT: 9.293 min Scan# 1038
Delta R.T. 0.000 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Tgt Ion: 82 Resp: 1784207

Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	49.8	39.2	58.8





#32

Benzoic acid

Concen: 6.345 ng

RT: 10.263 min Scan# 11

Delta R.T. 0.017 min

Lab File: BP015306.D

Acq: 26 May 2023 13:10

Instrument :

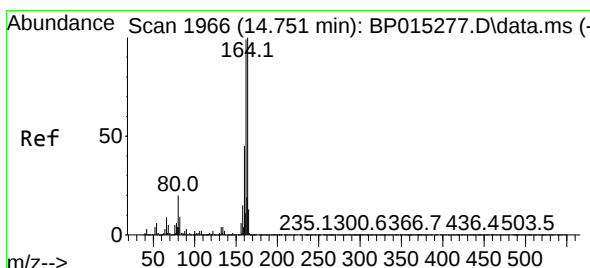
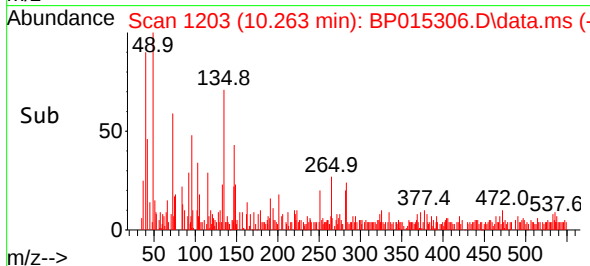
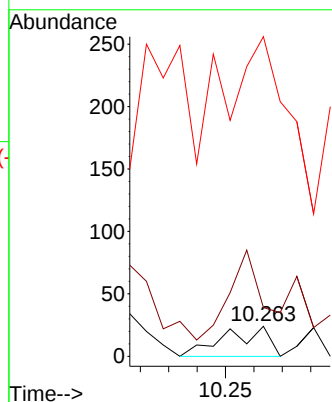
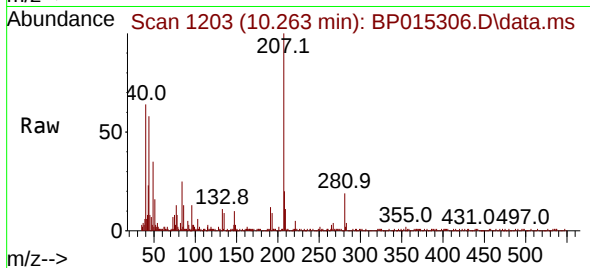
BNA_P

ClientSampleId :

PB152407BL

Tgt Ion:122 Resp: 26

Ion	Ratio	Lower	Upper
122	100		
105	162.5	109.5	149.5#
77	1066.7	78.2	118.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.757 min Scan# 1967

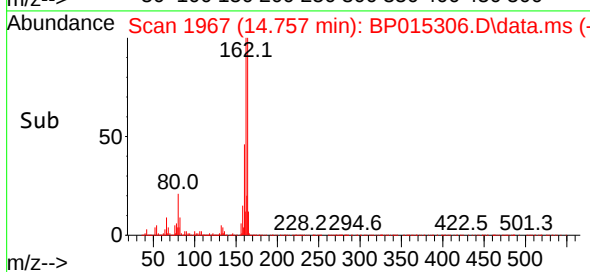
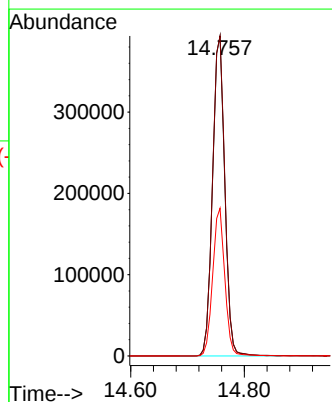
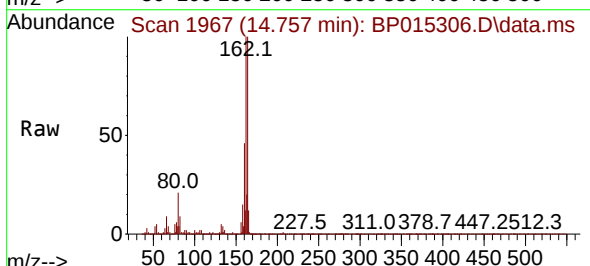
Delta R.T. 0.006 min

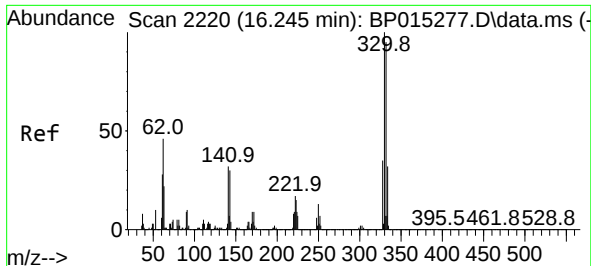
Lab File: BP015306.D

Acq: 26 May 2023 13:10

Tgt Ion:164 Resp: 583893

Ion	Ratio	Lower	Upper
164	100		
162	99.9	79.4	119.2
160	46.2	35.6	53.4

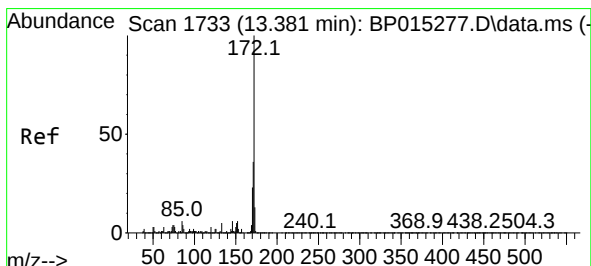
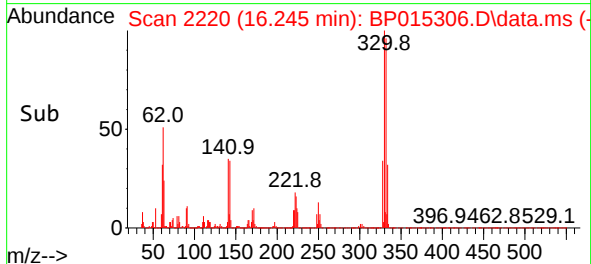
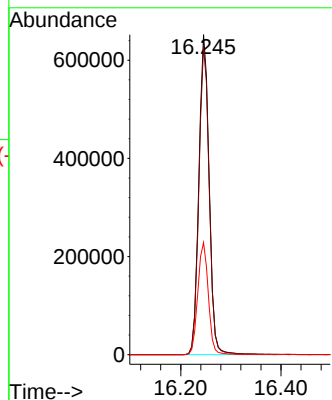
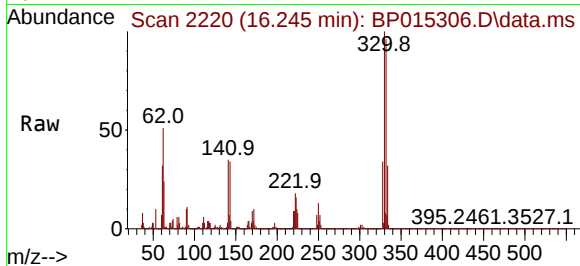




#42
2,4,6-Tribromophenol
Concen: 117.159 ng
RT: 16.245 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

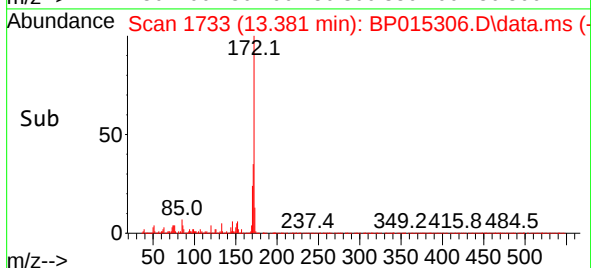
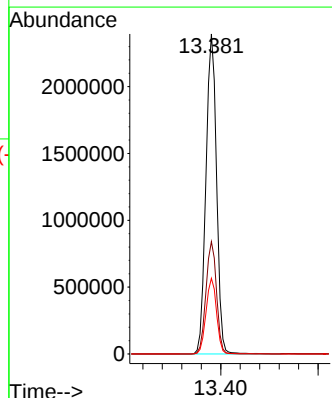
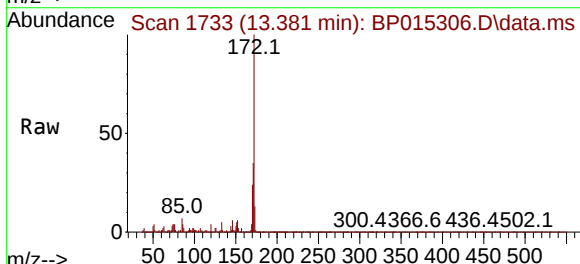
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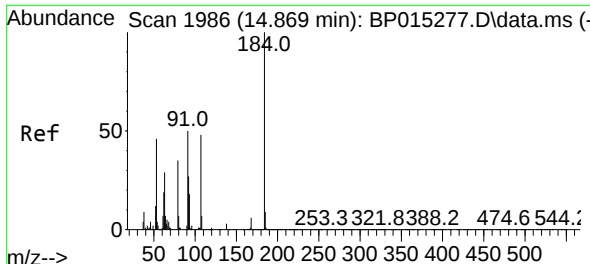
Tgt Ion:330 Resp: 929622
Ion Ratio Lower Upper
330 100
332 96.2 76.3 114.5
141 35.7 27.8 41.8



#45
2-Fluorobiphenyl
Concen: 82.702 ng
RT: 13.381 min Scan# 1733
Delta R.T. 0.000 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Tgt Ion:172 Resp: 3596826
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.7 18.7 28.1

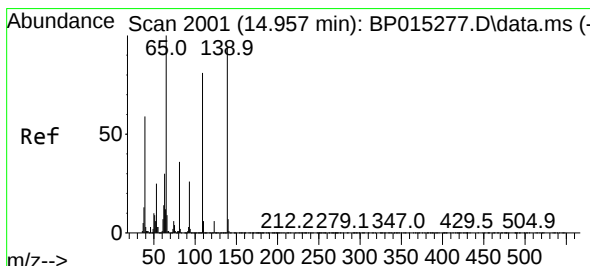
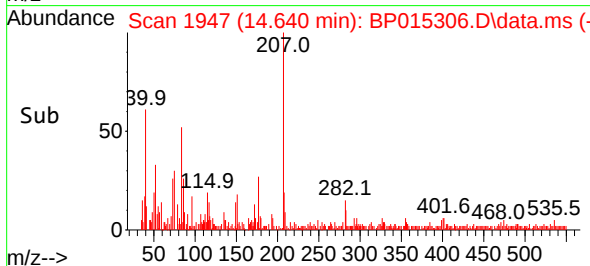
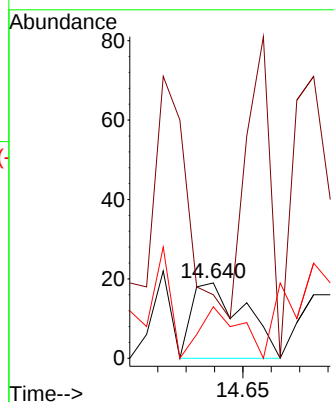
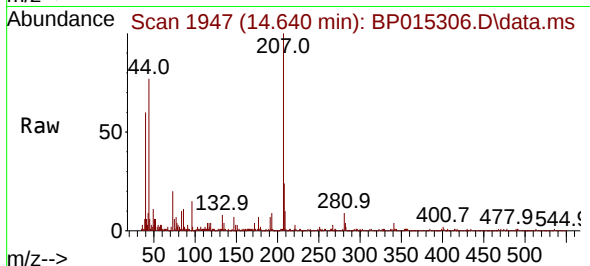




#54
2,4-Dinitrophenol
Concen: 5.191 ng
RT: 14.640 min Scan# 1986
Delta R.T. -0.229 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

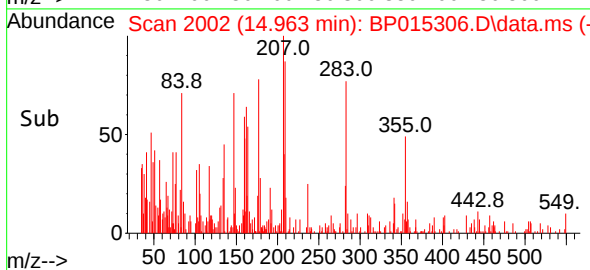
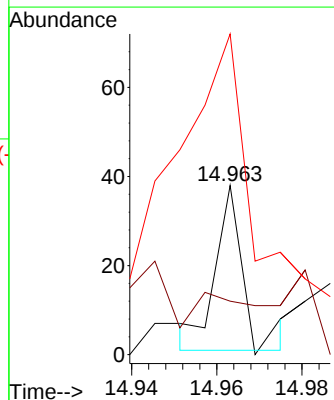
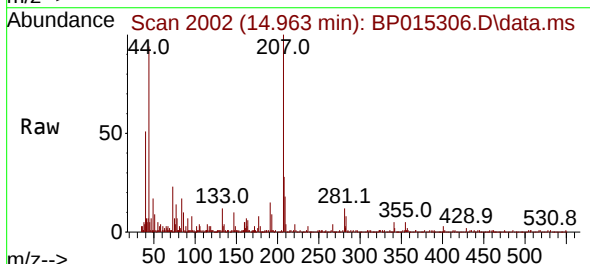
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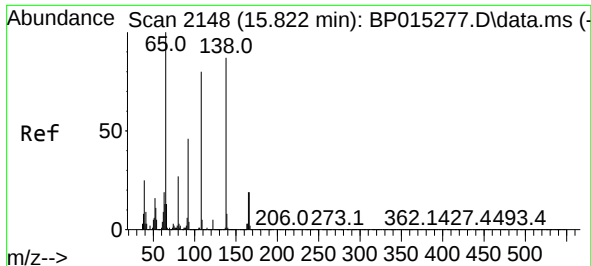
Tgt Ion:184	Resp:	24
Ion Ratio	Lower	Upper
184	100	
63	84.2	56.2 84.4
154	68.4	53.2 79.8



#56
4-Nitrophenol
Concen: 3.431 ng
RT: 14.963 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Tgt Ion:139	Resp:	17
Ion Ratio	Lower	Upper
139	100	
109	31.6	66.5 106.5#
65	189.5	86.6 126.6#

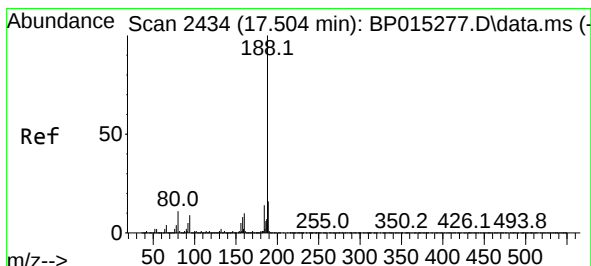
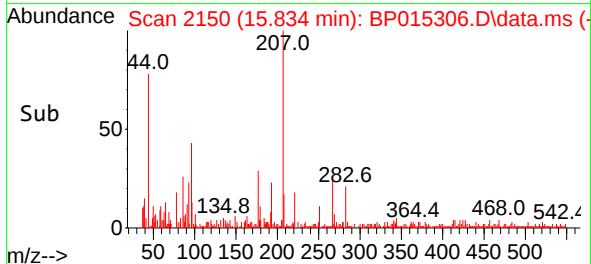
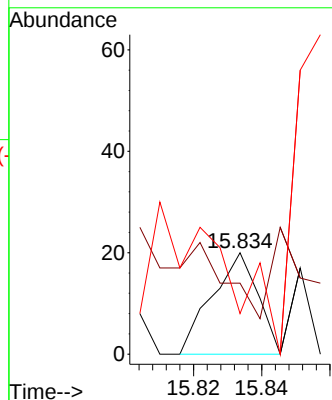
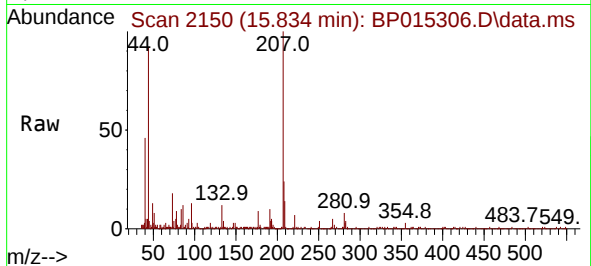




#62
4-Nitroaniline
Concen: 2.307 ng
RT: 15.834 min Scan# 2148
Delta R.T. 0.012 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

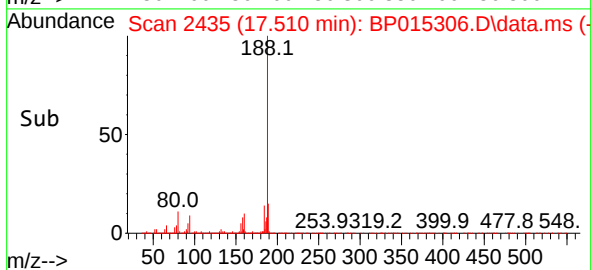
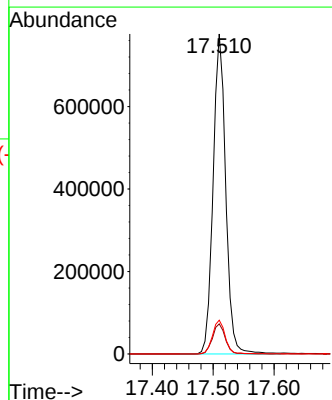
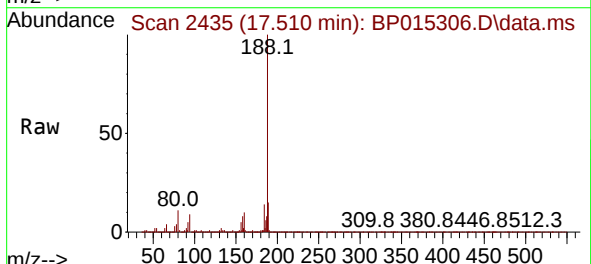
Instrument :
BNA_P
ClientSampleId :
PB152407BL

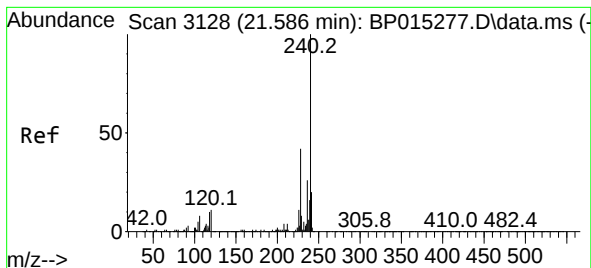
Tgt Ion:138 Resp: 19
Ion Ratio Lower Upper
138 100
92 70.0 33.1 73.1
108 40.0 71.0 111.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.510 min Scan# 2435
Delta R.T. 0.006 min
Lab File: BP015306.D
Acq: 26 May 2023 13:10

Tgt Ion:188 Resp: 1115179
Ion Ratio Lower Upper
188 100
94 9.4 7.4 11.0
80 10.6 8.6 13.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.586 min Scan# 31

Delta R.T. 0.000 min

Lab File: BP015306.D

Acq: 26 May 2023 13:10

Instrument :

BNA_P

ClientSampleId :

PB152407BL

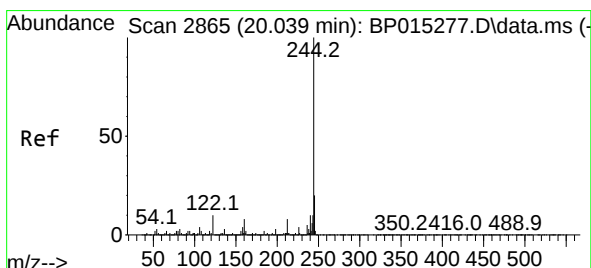
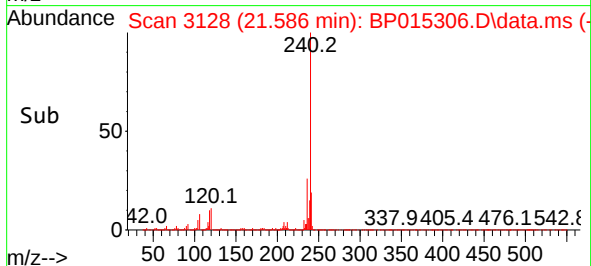
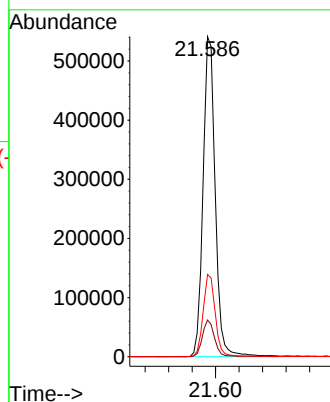
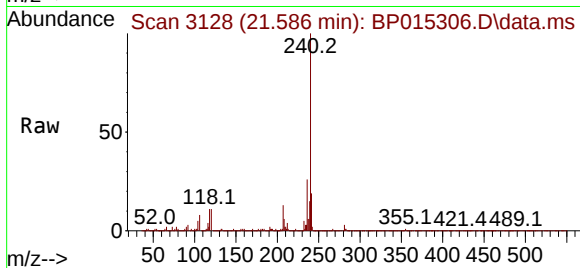
Tgt Ion:240 Resp: 780192

Ion Ratio Lower Upper

240 100

120 11.4 8.8 13.2

236 25.7 20.5 30.7



#79

Terphenyl-d14

Concen: 99.168 ng

RT: 20.045 min Scan# 2866

Delta R.T. 0.006 min

Lab File: BP015306.D

Acq: 26 May 2023 13:10

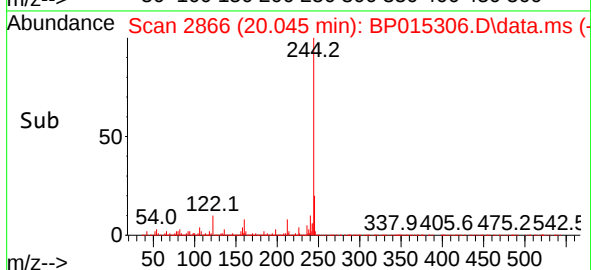
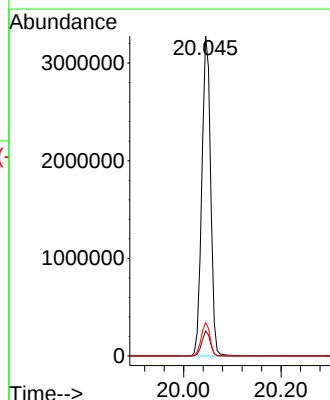
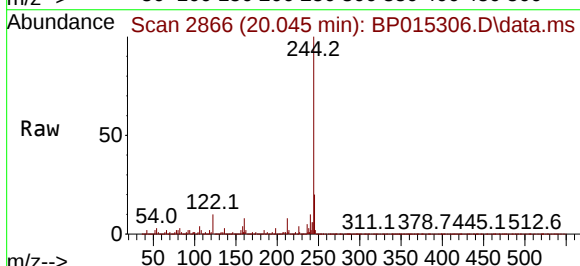
Tgt Ion:244 Resp: 4113331

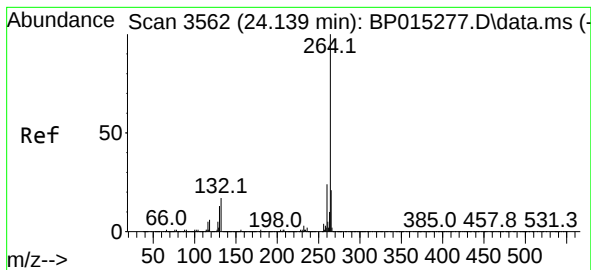
Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

122 10.4 8.2 12.4





#86

Perylene-d12

Concen: 20.000 ng

RT: 24.145 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP015306.D

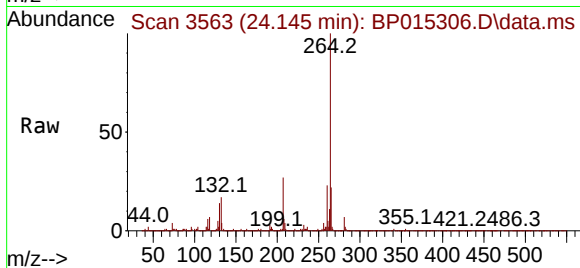
Acq: 26 May 2023 13:10

Instrument :

BNA_P

ClientSampleId :

PB152407BL



Tgt Ion:264 Resp: 827634

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.6

265 21.6 17.5 26.3

