

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015301.D
 Acq On : 26 May 2023 09:57
 Operator : CG/JU
 Sample : PB152410BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB152410BL

Quant Time: May 26 11:48:54 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)

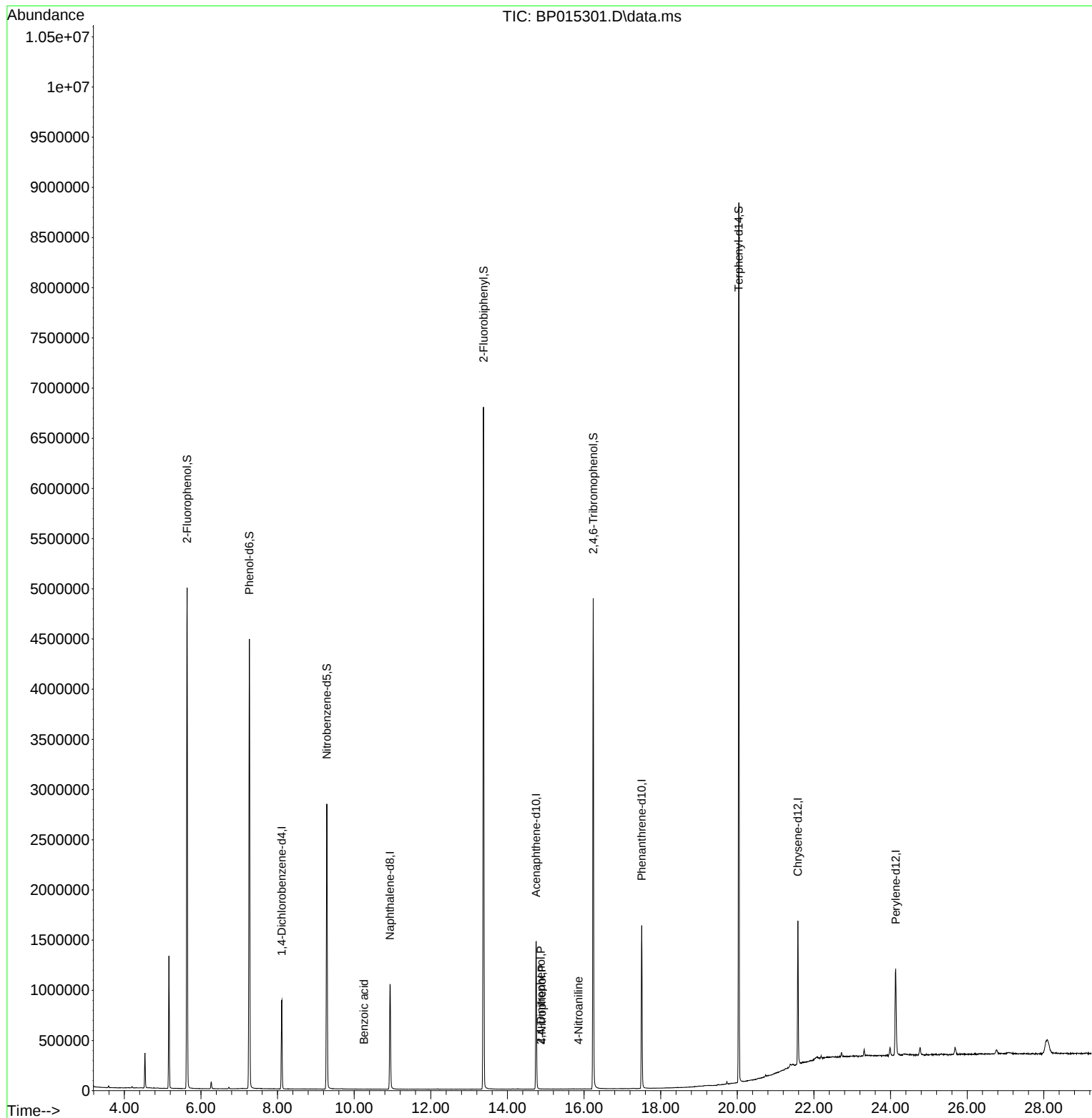
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	235717	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	891606	20.000	ng	0.00
39) Acenaphthene-d10	14.751	164	507325	20.000	ng	0.00
64) Phenanthrene-d10	17.504	188	1003036	20.000	ng	0.00
76) Chrysene-d12	21.580	240	705589	20.000	ng	0.00
86) Perylene-d12	24.133	264	731311	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	2050942	144.178	ng	0.00
7) Phenol-d6	7.263	99	2550473	136.812	ng	0.00
23) Nitrobenzene-d5	9.287	82	1647159	90.202	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	888876	128.931	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	3356186	88.816	ng	0.00
79) Terphenyl-d14	20.039	244	3985659	106.250	ng	0.00
Target Compounds						
9) Benzaldehyde	7.216	77	182	Below Cal	Qvalue #	12
32) Benzoic acid	10.257	122	51	6.347 ng	#	1
54) 2,4-Dinitrophenol	14.869	184	18	5.190 ng	#	1
56) 4-Nitrophenol	14.898	139	28	3.433 ng		92
62) 4-Nitroaniline	15.857	138	16	2.307 ng		85

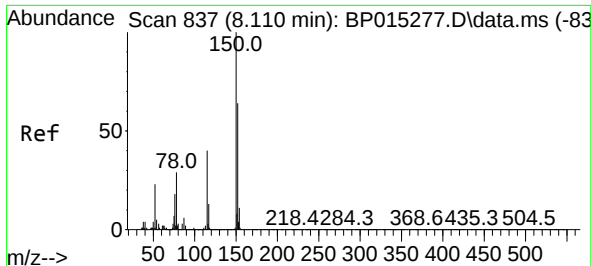
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
Data File : BP015301.D
Acq On : 26 May 2023 09:57
Operator : CG/JU
Sample : PB152410BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB152410BL

Quant Time: May 26 11:48:54 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

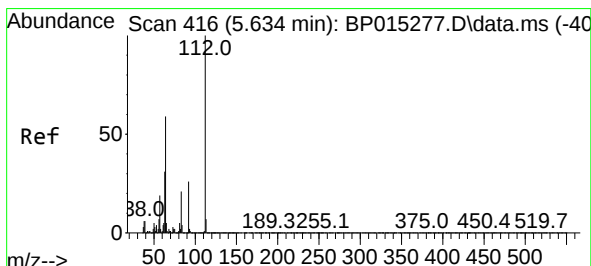
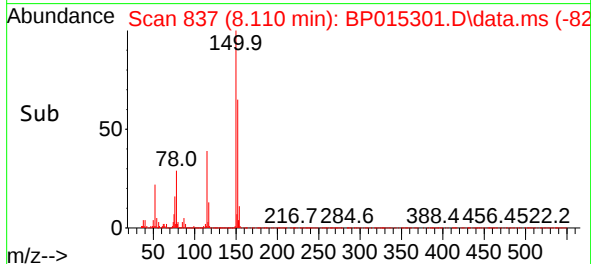
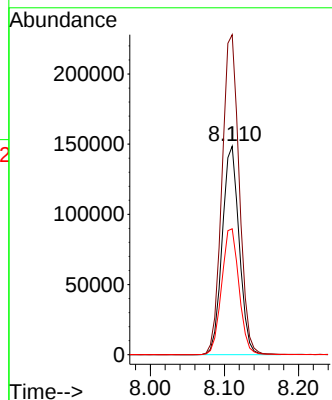
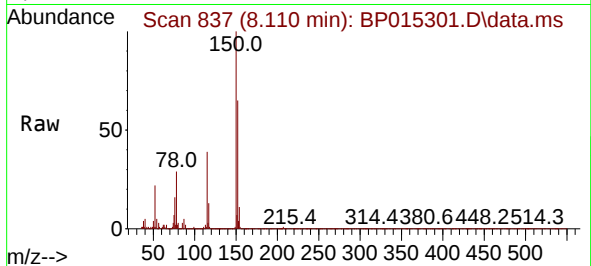




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

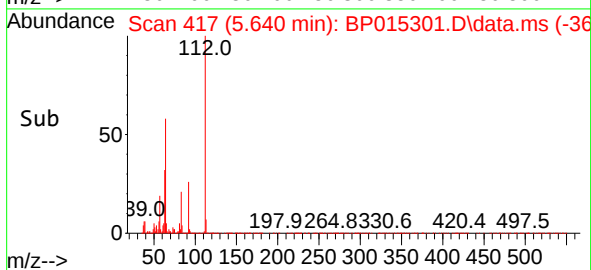
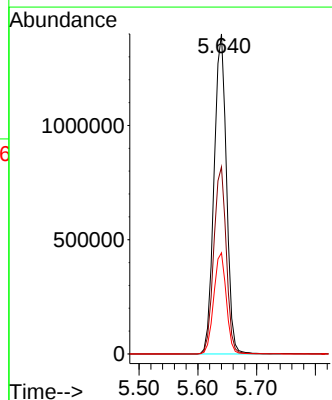
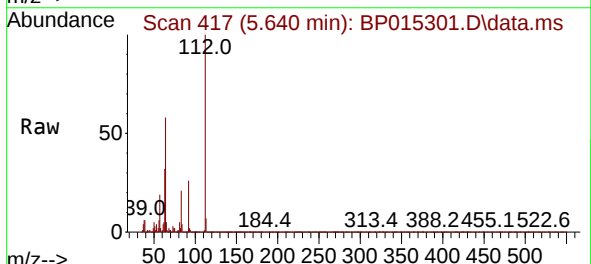
Instrument :
BNA_P
ClientSampleId :
PB152410BL

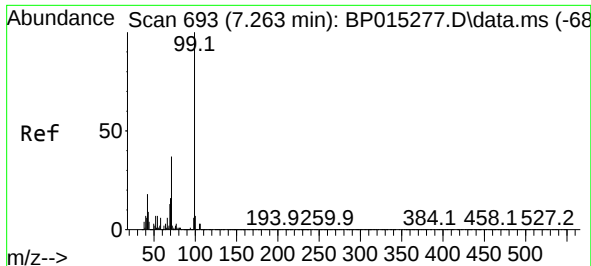
Tgt Ion:152 Resp: 235717
Ion Ratio Lower Upper
152 100
150 153.4 124.2 186.2
115 60.4 49.1 73.7



#5
2-Fluorophenol
Concen: 144.178 ng
RT: 5.640 min Scan# 417
Delta R.T. 0.006 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion:112 Resp: 2050942
Ion Ratio Lower Upper
112 100
64 58.4 47.2 70.8
63 31.6 24.6 37.0



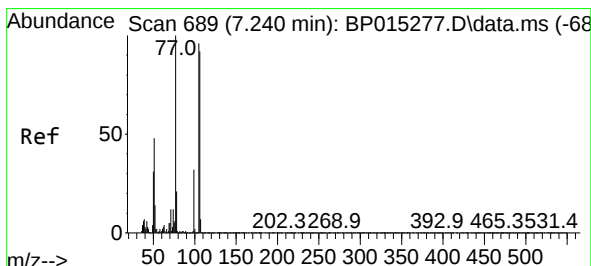
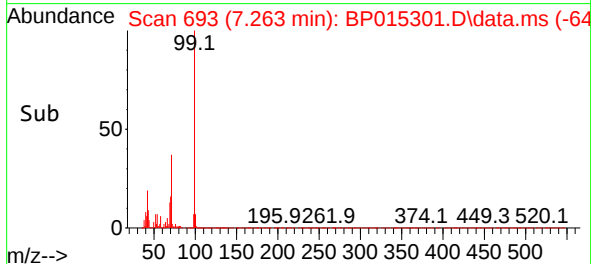
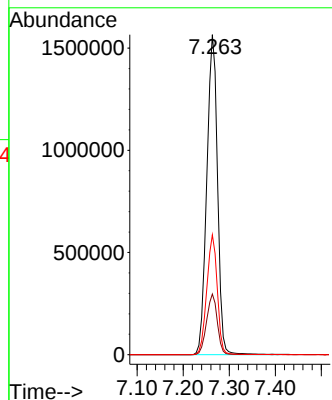
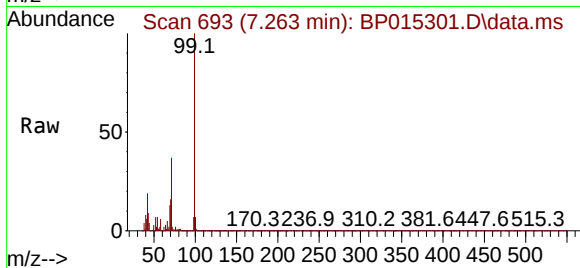


#7
Phenol-d6
Concen: 136.812 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Instrument :
BNA_P
ClientSampleId :
PB152410BL

Tgt Ion: 99 Resp: 2550473

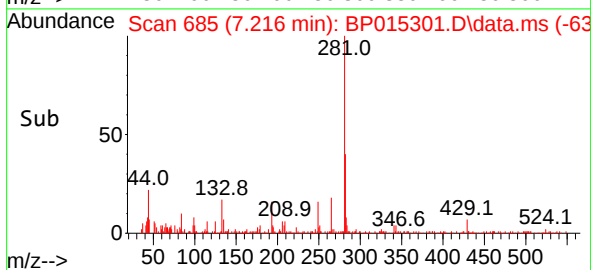
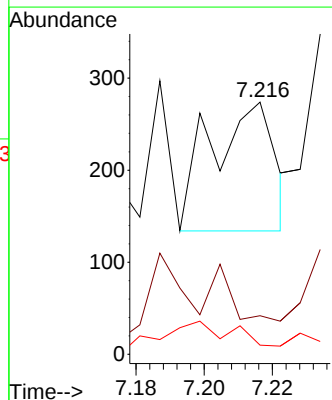
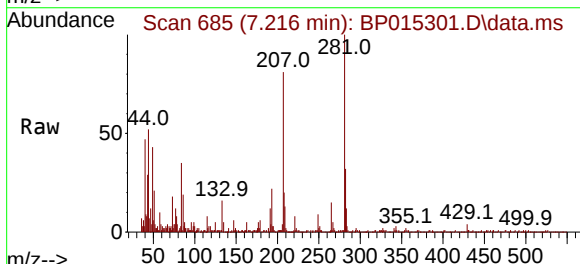
Ion	Ratio	Lower	Upper
99	100		
42	18.9	14.6	22.0
71	37.4	29.4	44.2

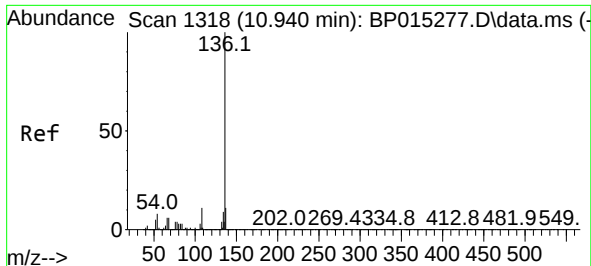


#9
Benzaldehyde
Concen: Below Cal
RT: 7.216 min Scan# 685
Delta R.T. -0.024 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion: 77 Resp: 182

Ion	Ratio	Lower	Upper
77	100		
105	15.3	75.9	115.9#
106	3.6	72.3	112.3#

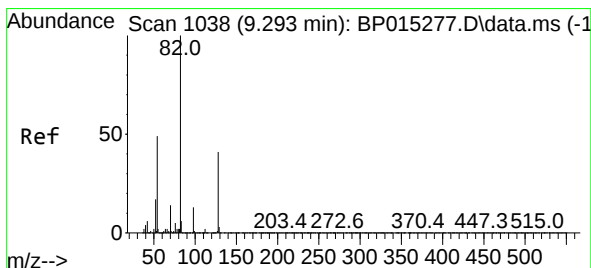
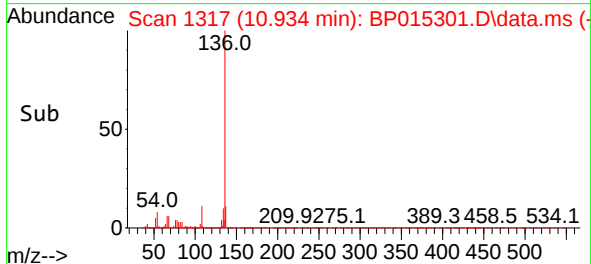
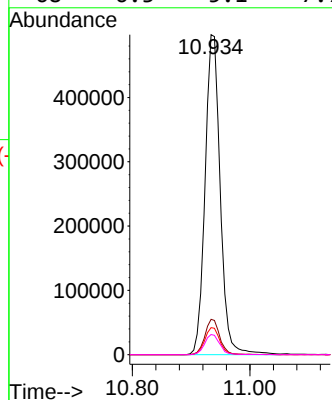
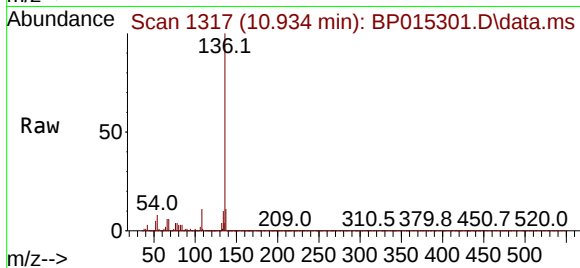




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

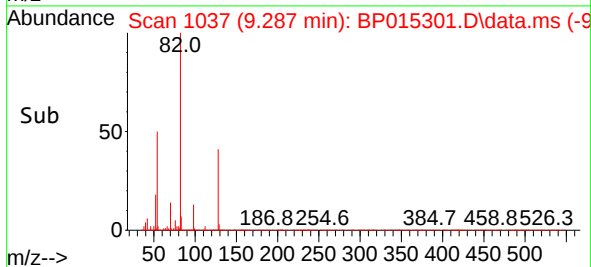
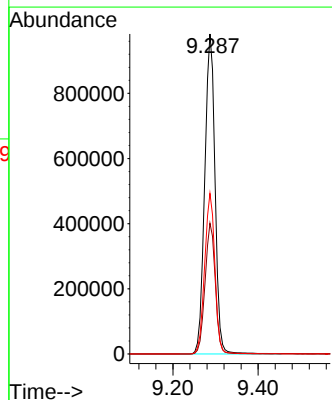
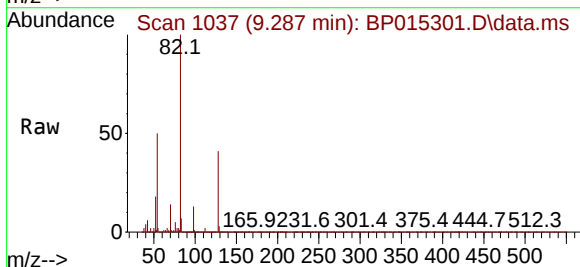
Instrument :
BNA_P
ClientSampleId :
PB152410BL

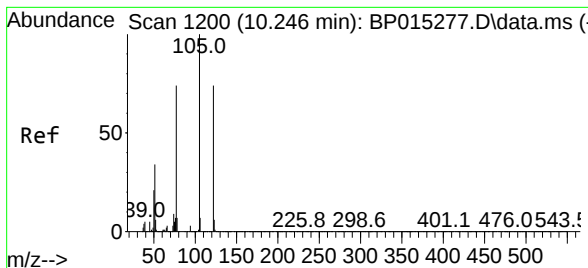
Tgt Ion:	136	Resp:	891606
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.5	6.3	9.5
68	6.3	5.1	7.7



#23
Nitrobenzene-d5
Concen: 90.202 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion:	82	Resp:	1647159
Ion	Ratio	Lower	Upper
82	100		
128	40.9	33.0	49.4
54	50.2	39.2	58.8





#32

Benzoic acid

Concen: 6.347 ng

RT: 10.257 min Scan# 11

Delta R.T. 0.011 min

Lab File: BP015301.D

Acq: 26 May 2023 09:57

Instrument :

BNA_P

ClientSampleId :

PB152410BL

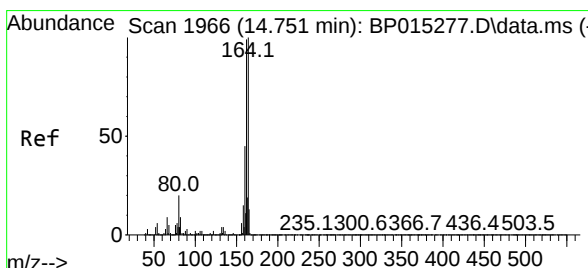
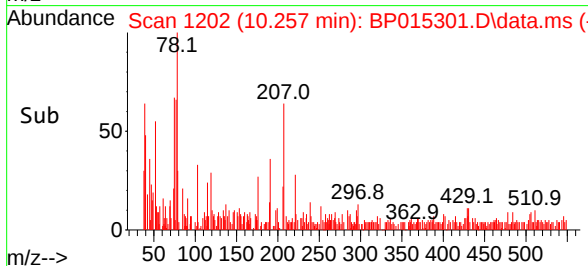
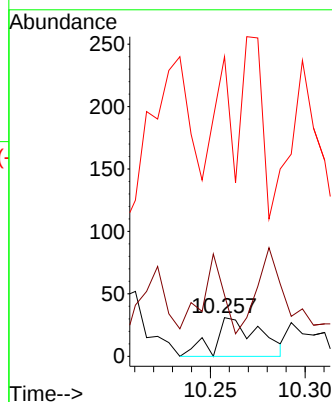
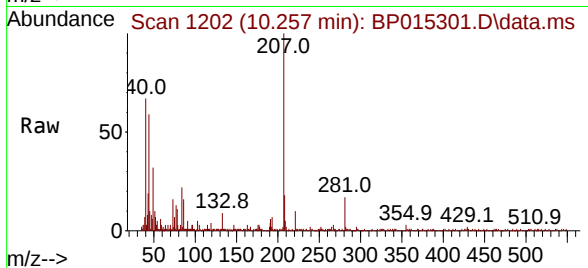
Tgt Ion:122 Resp: 51

Ion Ratio Lower Upper

122 100

105 158.1 109.5 149.5#

77 774.2 78.2 118.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.751 min Scan# 1966

Delta R.T. 0.000 min

Lab File: BP015301.D

Acq: 26 May 2023 09:57

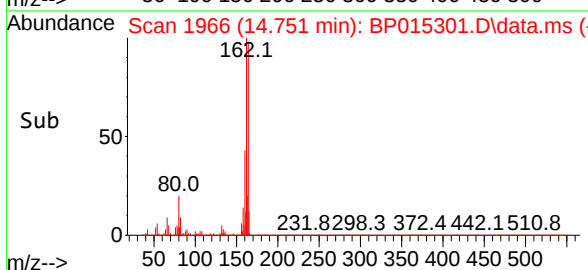
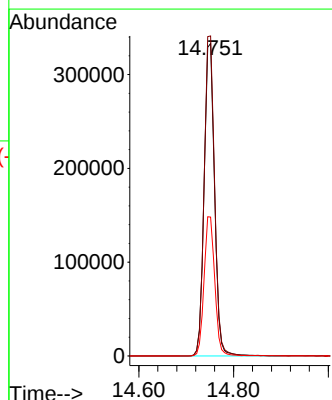
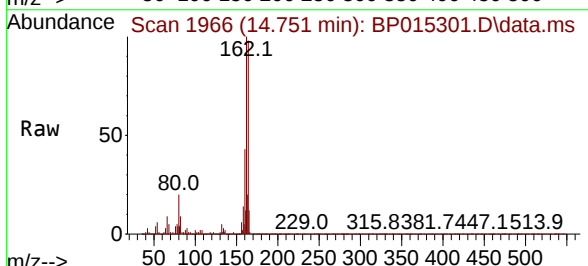
Tgt Ion:164 Resp: 507325

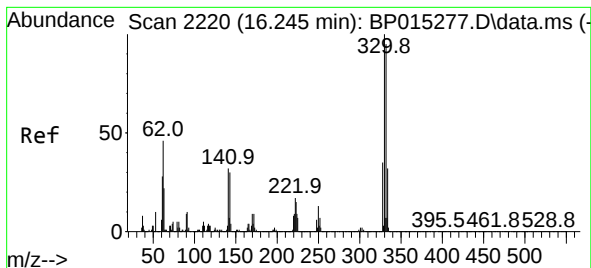
Ion Ratio Lower Upper

164 100

162 102.4 79.4 119.2

160 44.4 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 128.931 ng

RT: 16.239 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015301.D

Acq: 26 May 2023 09:57

Instrument :

BNA_P

ClientSampleId :

PB152410BL

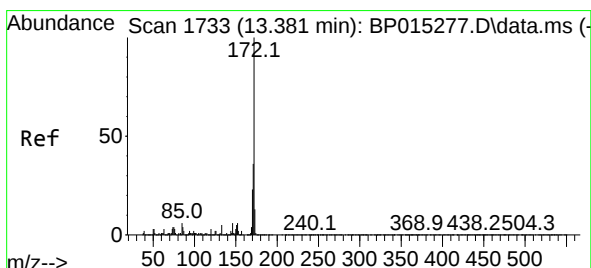
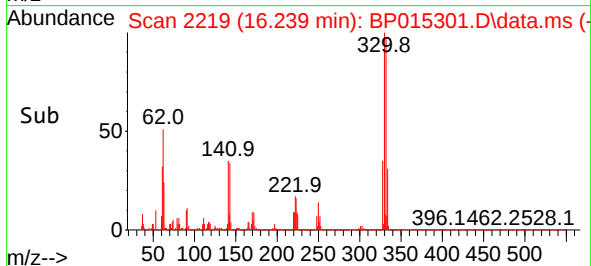
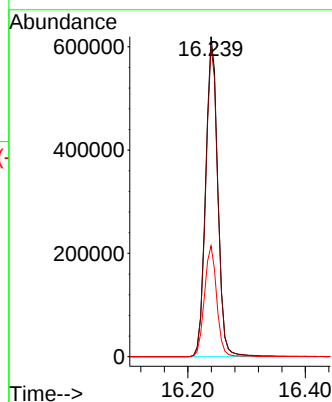
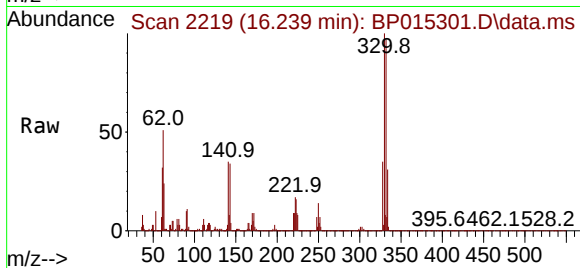
Tgt Ion:330 Resp: 888876

Ion Ratio Lower Upper

330 100

332 97.5 76.3 114.5

141 35.0 27.8 41.8



#45

2-Fluorobiphenyl

Concen: 88.816 ng

RT: 13.375 min Scan# 1732

Delta R.T. -0.006 min

Lab File: BP015301.D

Acq: 26 May 2023 09:57

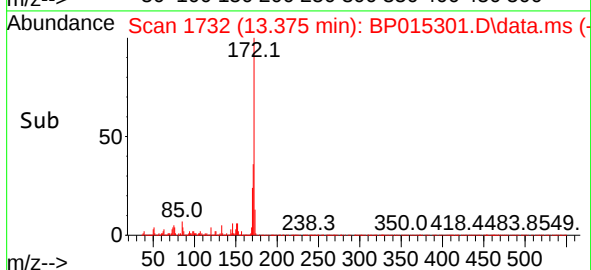
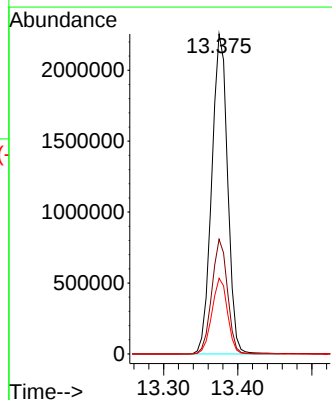
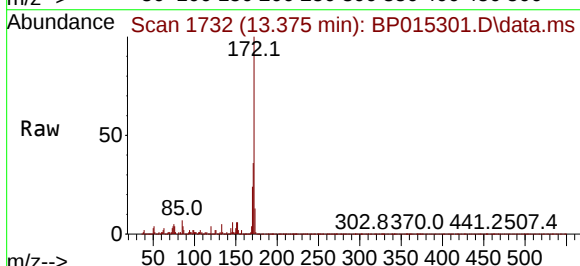
Tgt Ion:172 Resp: 3356186

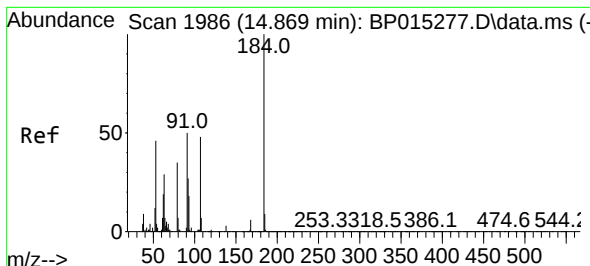
Ion Ratio Lower Upper

172 100

171 35.9 28.4 42.6

170 23.7 18.7 28.1

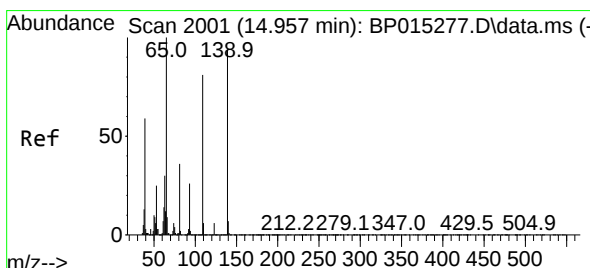
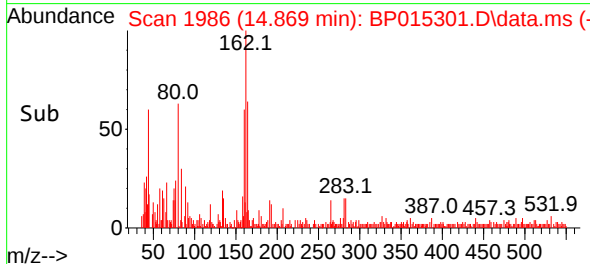
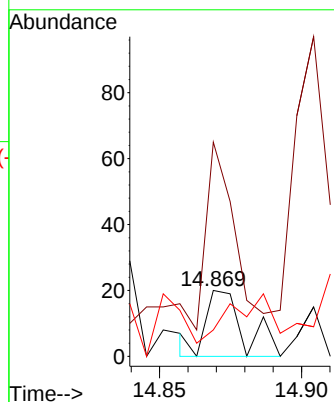
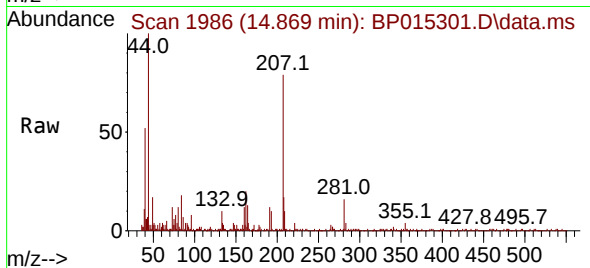




#54
2,4-Dinitrophenol
Concen: 5.190 ng
RT: 14.869 min Scan# 1986
Delta R.T. -0.000 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

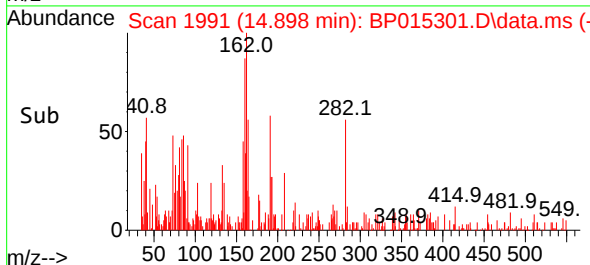
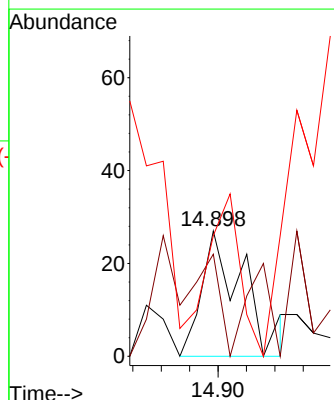
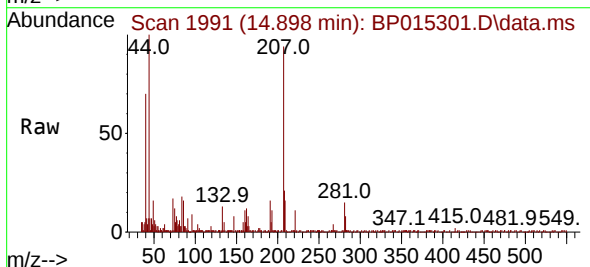
Instrument :
BNA_P
ClientSampleId :
PB152410BL

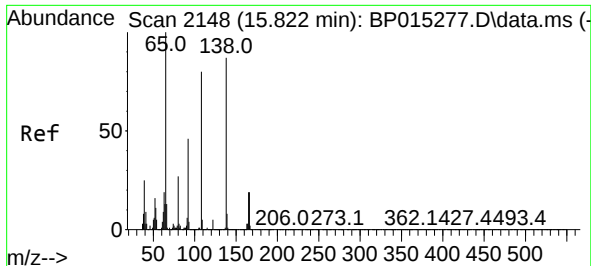
Tgt Ion:184 Resp: 18
Ion Ratio Lower Upper
184 100
63 325.0 56.2 84.4#
154 40.0 53.2 79.8#



#56
4-Nitrophenol
Concen: 3.433 ng
RT: 14.898 min Scan# 1991
Delta R.T. -0.059 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion:139 Resp: 28
Ion Ratio Lower Upper
139 100
109 81.5 66.5 106.5
65 96.3 86.6 126.6

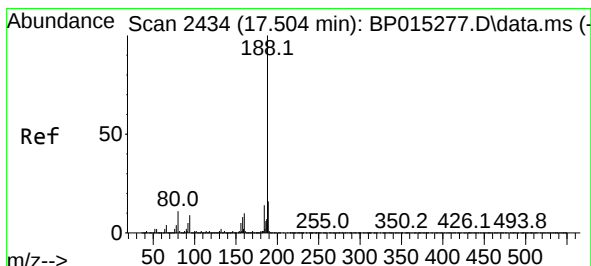
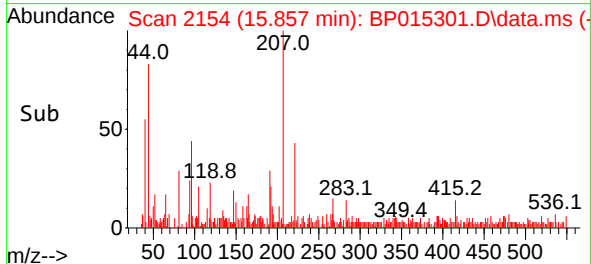
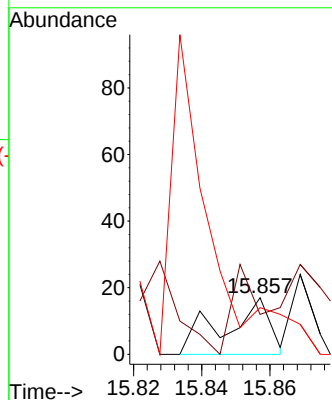
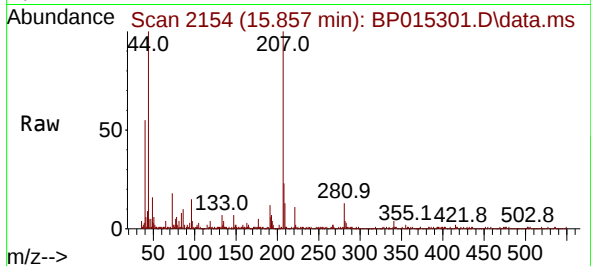




#62
4-Nitroaniline
Concen: 2.307 ng
RT: 15.857 min Scan# 2148
Delta R.T. 0.035 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

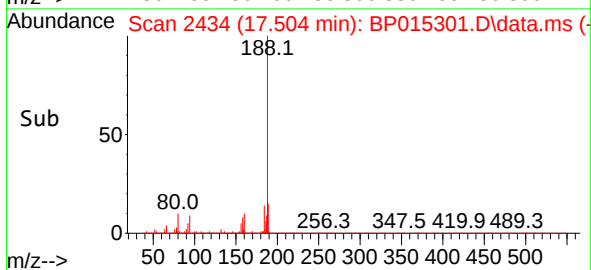
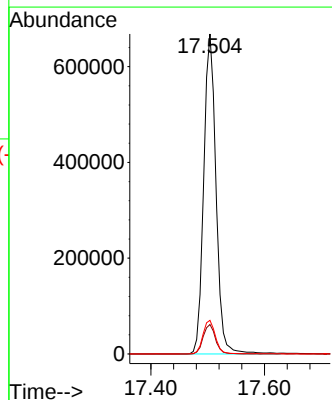
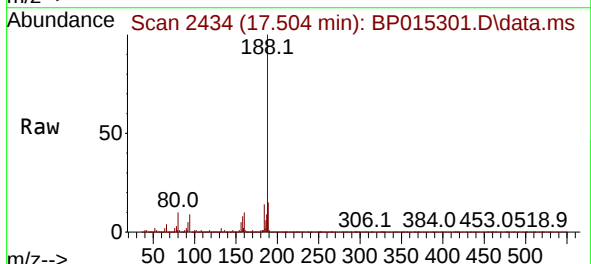
Instrument :
BNA_P
ClientSampleId :
PB152410BL

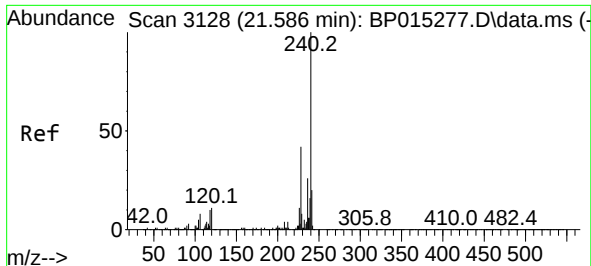
Tgt Ion:138 Resp: 16
Ion Ratio Lower Upper
138 100
92 70.6 33.1 73.1
108 82.4 71.0 111.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.504 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion:188 Resp: 1003036
Ion Ratio Lower Upper
188 100
94 9.2 7.4 11.0
80 10.5 8.6 13.0

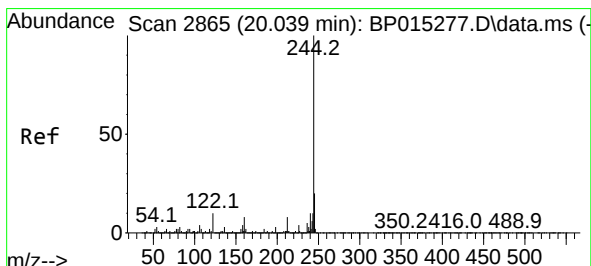
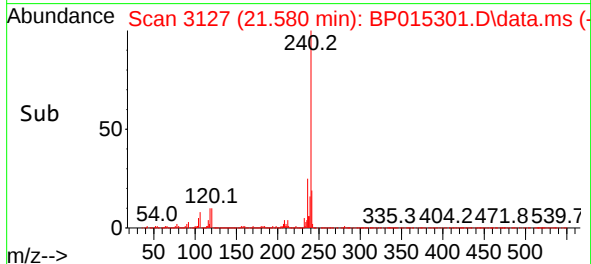
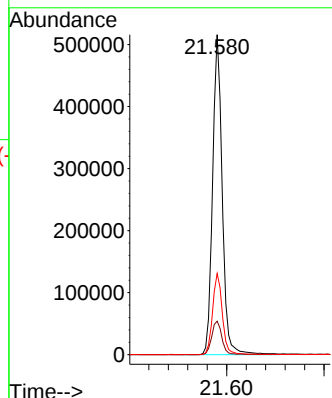
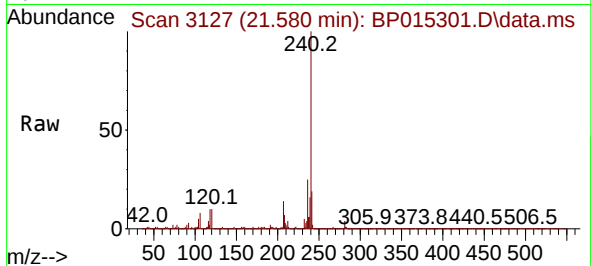




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

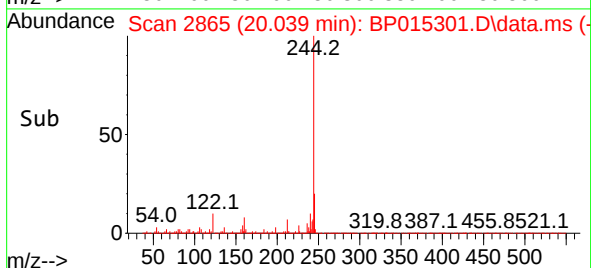
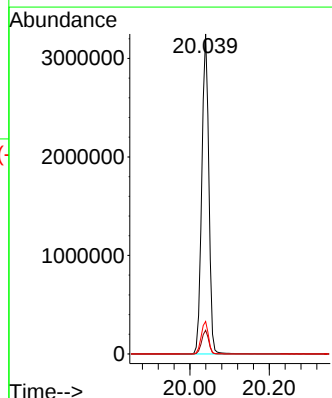
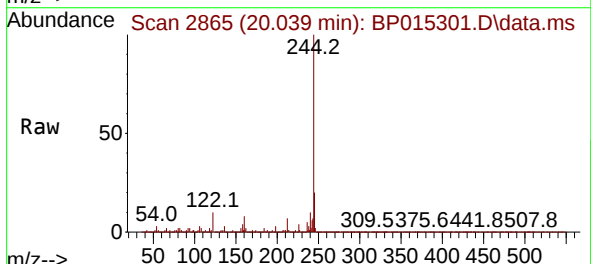
Instrument :
BNA_P
ClientSampleId :
PB152410BL

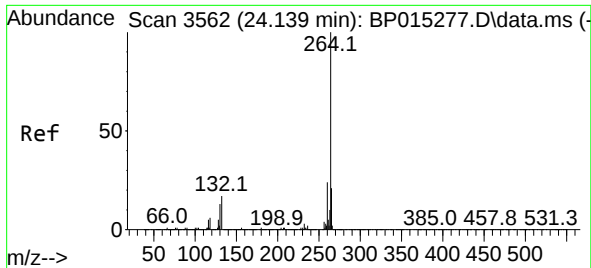
Tgt Ion:240 Resp: 705589
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 25.4 20.5 30.7



#79
Terphenyl-d14
Concen: 106.250 ng
RT: 20.039 min Scan# 2865
Delta R.T. 0.000 min
Lab File: BP015301.D
Acq: 26 May 2023 09:57

Tgt Ion:244 Resp: 3985659
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 10.2 8.2 12.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.133 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BP015301.D
 Acq: 26 May 2023 09:57

Instrument :
 BNA_P
 ClientSampleId :
 PB152410BL

Tgt Ion:264 Resp: 731311
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.0 28.6
 265 22.0 17.5 26.3

