

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060524\
 Data File : BP020515.D
 Acq On : 05 Jun 2024 12:58
 Operator : MA/JU
 Sample : P2686-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TPQ

Quant Time: Jun 05 13:35:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

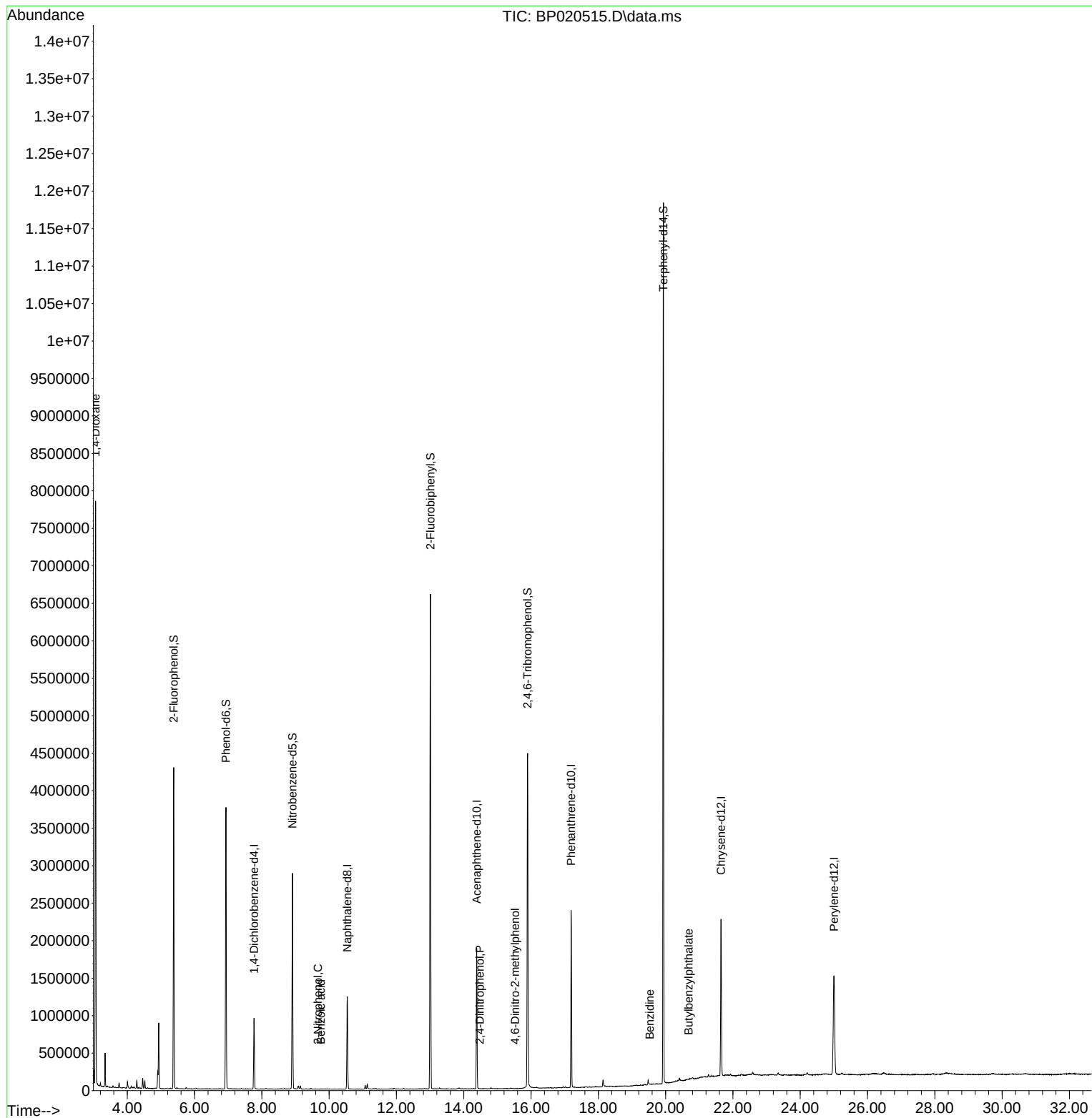
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.769	152	254487	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1013622	20.000	ng	0.00
39) Acenaphthene-d10	14.387	164	667737	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	1411096	20.000	ng	-0.01
76) Chrysene-d12	21.645	240	1307572	20.000	ng	-0.02
86) Perylene-d12	25.004	264	1484857	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1786760	125.708	ng	0.00
7) Phenol-d6	6.934	99	2170559	108.286	ng	0.00
23) Nitrobenzene-d5	8.911	82	1592990	86.029	ng	-0.01
42) 2,4,6-Tribromophenol	15.898	330	1029284	148.530	ng	-0.01
45) 2-Fluorobiphenyl	13.010	172	3694209	82.473	ng	0.00
79) Terphenyl-d14	19.933	244	6119963	77.916	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.058	88	57099	9.942	ng	# 1
26) 2-Nitrophenol	9.663	139	35	3.796	ng	# 1
32) Benzoic acid	9.752	122	759	6.911	ng	88
54) 2,4-Dinitrophenol	14.475	184	25	4.981	ng	# 1
65) 4,6-Dinitro-2-methylph...	15.522	198	59	7.661	ng	# 1
77) Benzidine	19.528	184	1256	5.994	ng	# 56
80) Butylbenzylphthalate	20.680	149	588	2.445	ng	# 81

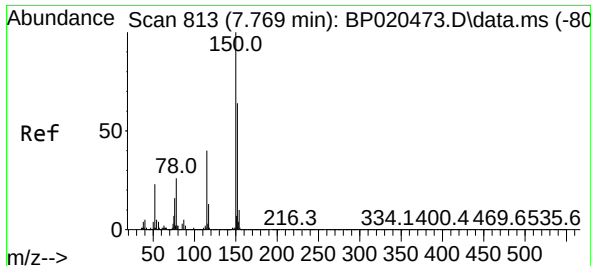
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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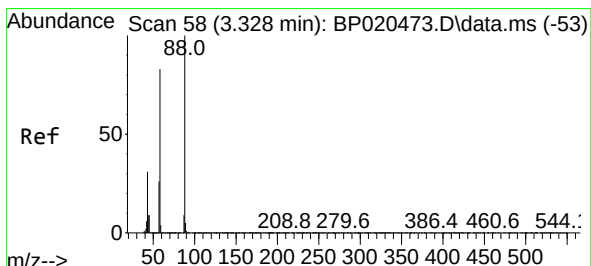
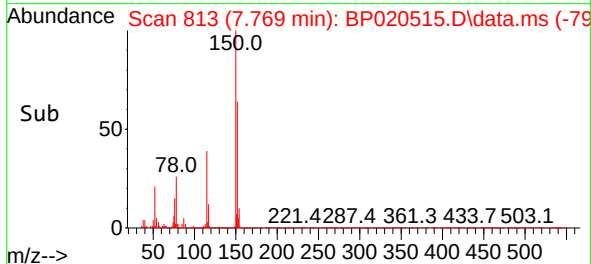
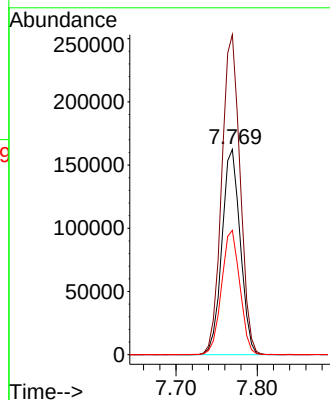
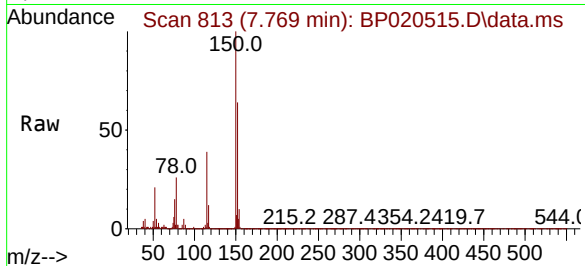




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.769 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP020515.D
Acq: 05 Jun 2024 12:58

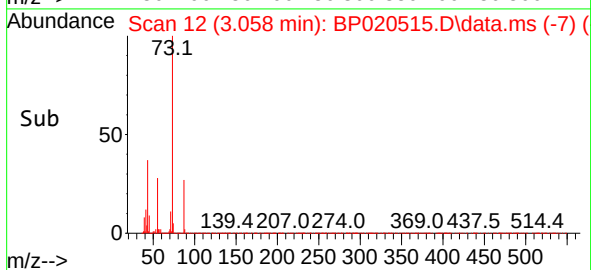
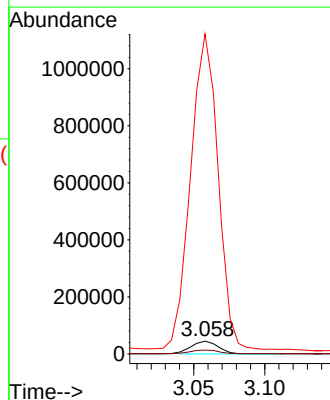
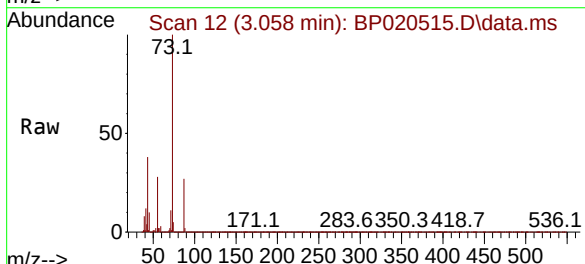
Instrument :
BNA_P
ClientSampleId :
WCS-TPQ

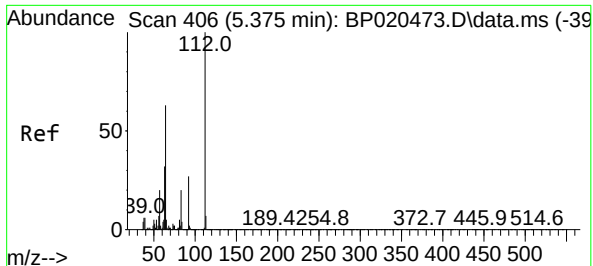
Tgt Ion:152 Resp: 254487
Ion Ratio Lower Upper
152 100
150 155.8 124.2 186.2
115 60.5 49.5 74.3



#2
1,4-Dioxane
Concen: 9.942 ng
RT: 3.058 min Scan# 12
Delta R.T. -0.270 min
Lab File: BP020515.D
Acq: 05 Jun 2024 12:58

Tgt Ion: 88 Resp: 57099
Ion Ratio Lower Upper
88 100
58 29.8 64.6 97.0#
43 2515.2 24.5 36.7#

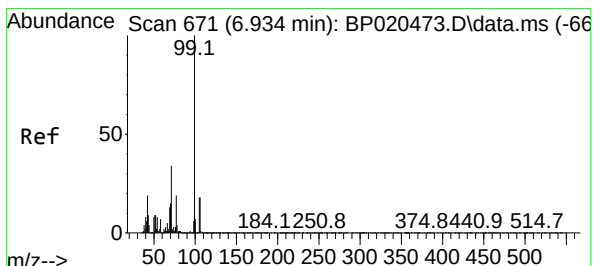
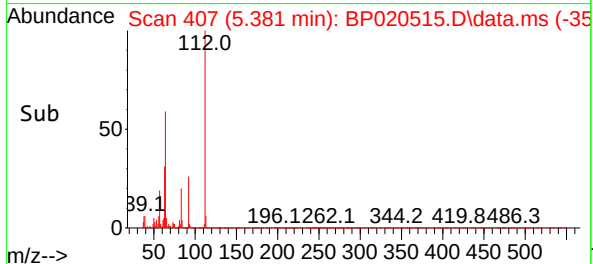
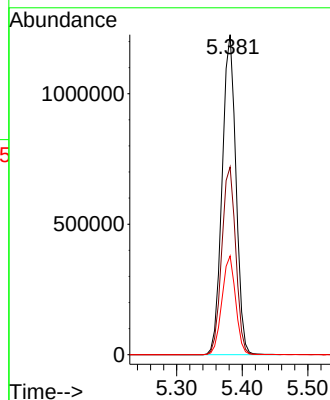
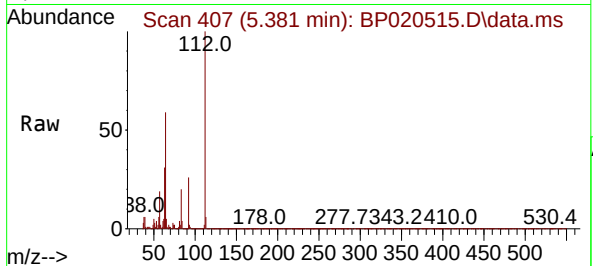




#5
2-Fluorophenol
Concen: 125.708 ng
RT: 5.381 min Scan# 406
Delta R.T. 0.006 min
Lab File: BP020515.D
Acq: 05 Jun 2024 12:58

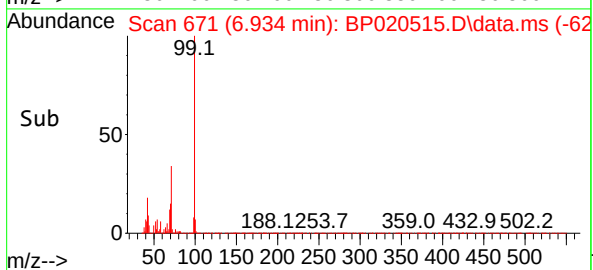
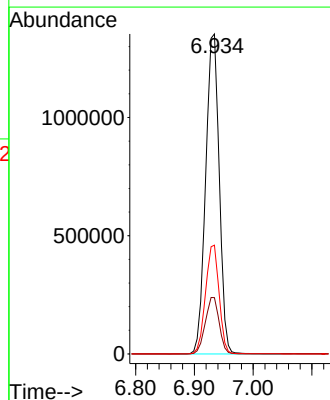
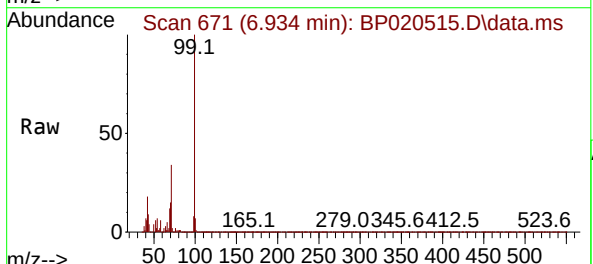
Instrument :
BNA_P
ClientSampleId :
WCS-TPQ

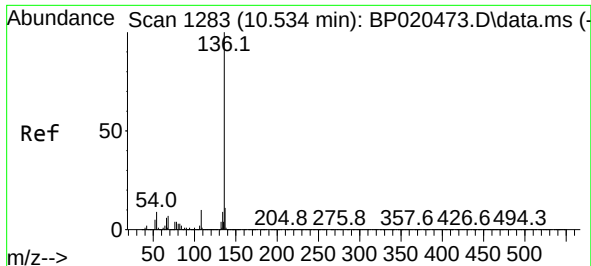
Tgt Ion:112 Resp: 1786760
Ion Ratio Lower Upper
112 100
64 58.7 50.1 75.1
63 30.9 25.7 38.5



#7
Phenol-d6
Concen: 108.286 ng
RT: 6.934 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP020515.D
Acq: 05 Jun 2024 12:58

Tgt Ion: 99 Resp: 2170559
Ion Ratio Lower Upper
99 100
42 17.6 15.0 22.4
71 34.0 27.3 40.9

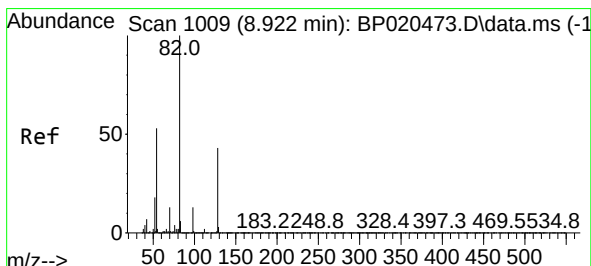
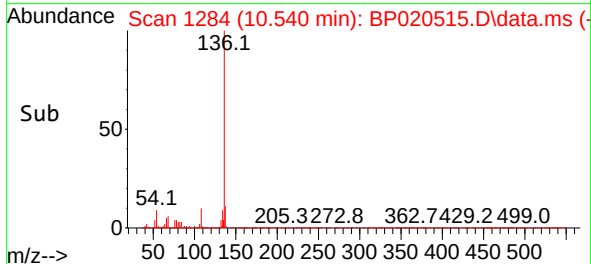
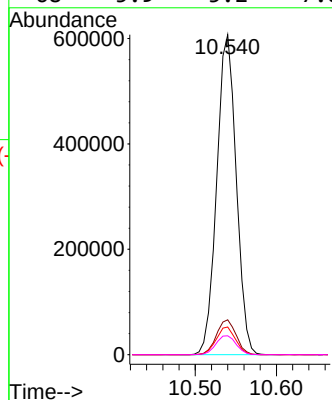
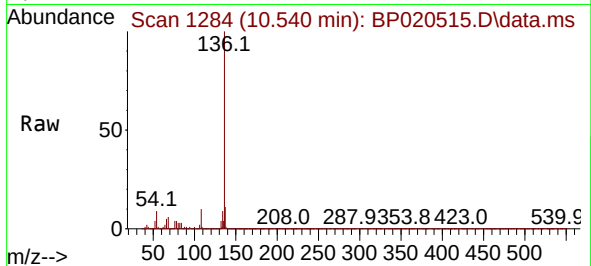




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 101
Delta R.T. 0.006 min
Lab File: BP020515.D
Acq: 05 Jun 2024 12:58

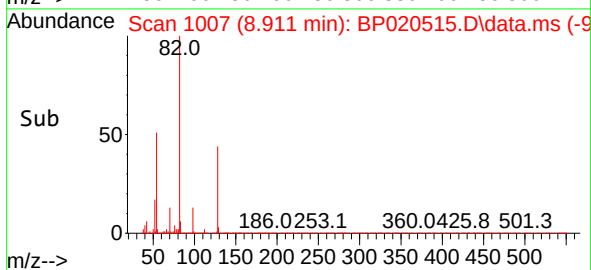
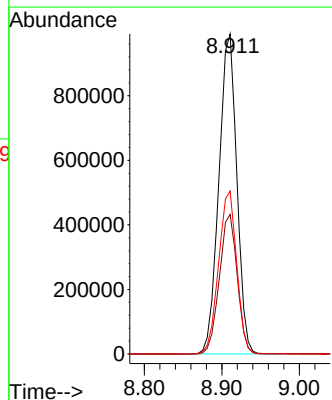
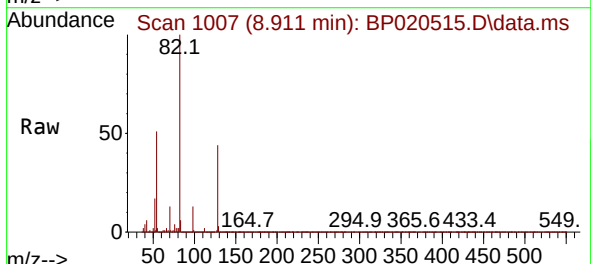
Instrument :
BNA_P
ClientSampleId :
WCS-TPQ

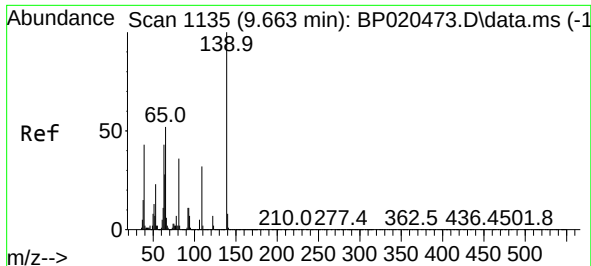
Tgt Ion:136 Resp: 1013622
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.7 7.4 11.0
68 5.9 5.2 7.8



#23
Nitrobenzene-d5
Concen: 86.029 ng
RT: 8.911 min Scan# 1007
Delta R.T. -0.012 min
Lab File: BP020515.D
Acq: 05 Jun 2024 12:58

Tgt Ion: 82 Resp: 1592990
Ion Ratio Lower Upper
82 100
128 43.6 34.2 51.4
54 50.9 42.7 64.1

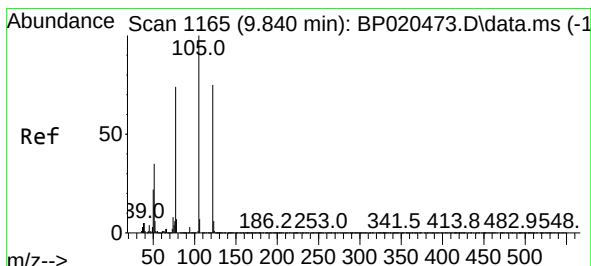
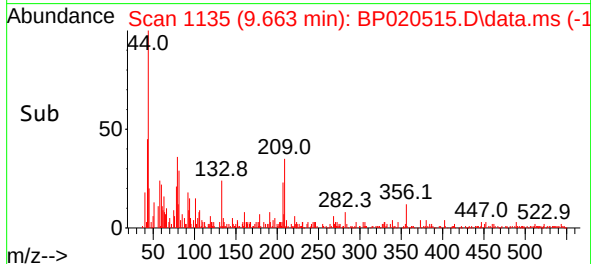
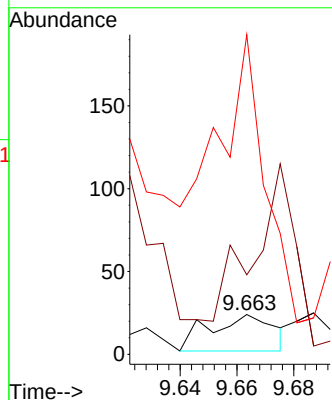
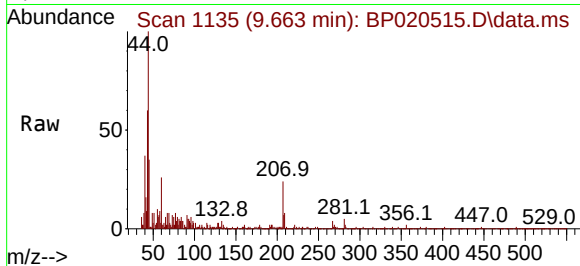




#26
2-Nitrophenol
Concen: 3.796 ng
RT: 9.663 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BP020515.D
Acq: 05 Jun 2024 12:58

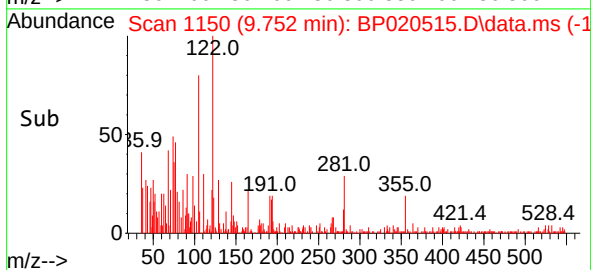
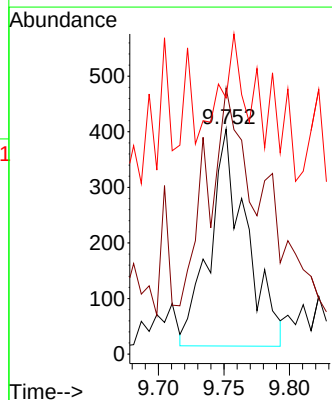
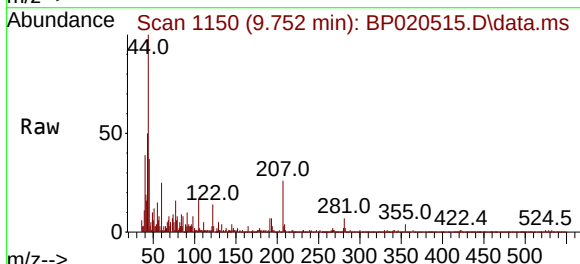
Instrument :
BNA_P
ClientSampleId :
WCS-TPQ

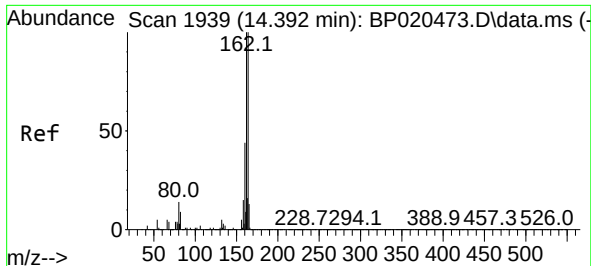
Tgt Ion:139 Resp: 35
Ion Ratio Lower Upper
139 100
109 200.0 25.8 38.8#
65 879.2 41.8 62.8#



#32
Benzoic acid
Concen: 6.911 ng
RT: 9.752 min Scan# 1150
Delta R.T. -0.088 min
Lab File: BP020515.D
Acq: 05 Jun 2024 12:58

Tgt Ion:122 Resp: 759
Ion Ratio Lower Upper
122 100
105 118.3 107.5 147.5
77 113.8 76.1 116.1

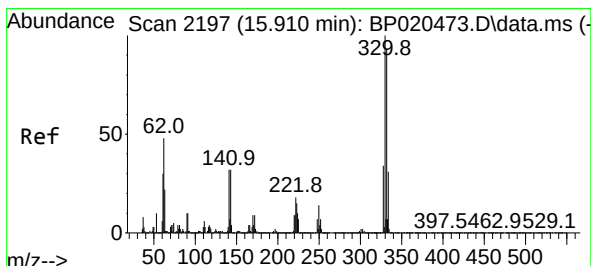
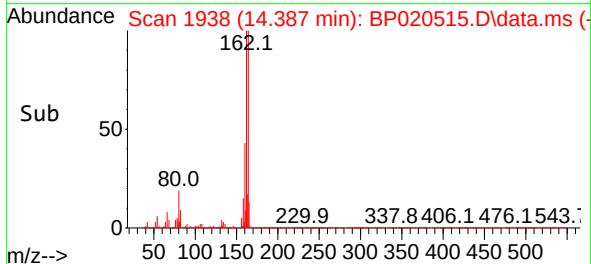
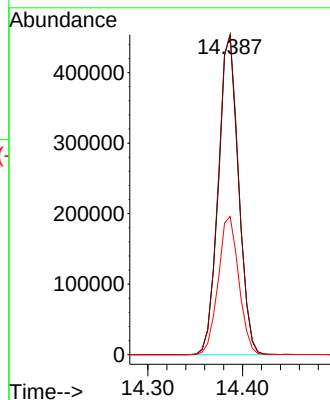
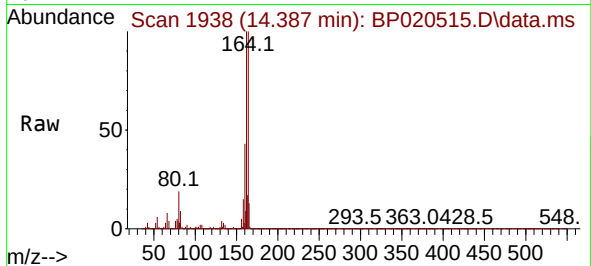




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.387 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BP020515.D
Acq: 05 Jun 2024 12:58

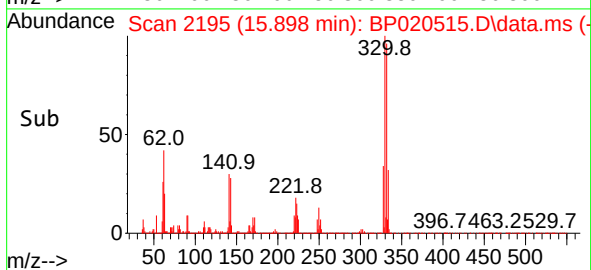
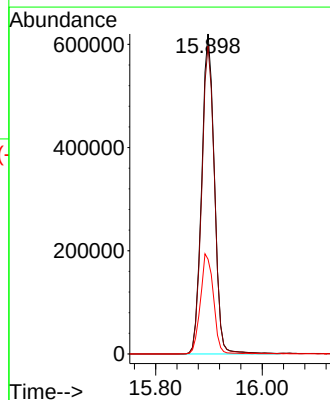
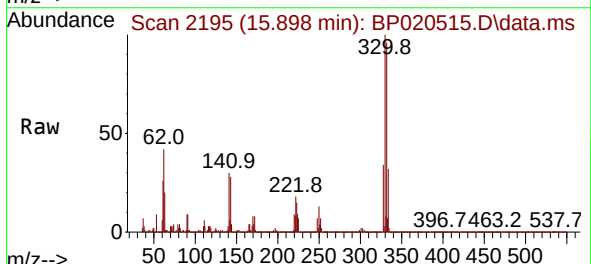
Instrument :
BNA_P
ClientSampleId :
WCS-TPQ

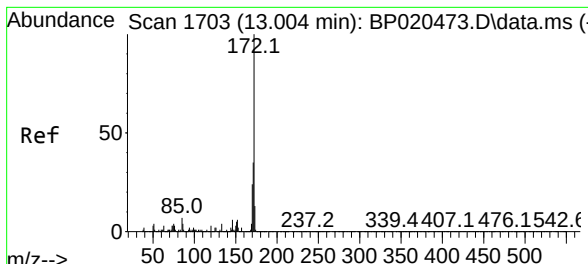
Tgt Ion:164 Resp: 667737
Ion Ratio Lower Upper
164 100
162 100.2 80.3 120.5
160 43.3 35.4 53.2



#42
2,4,6-Tribromophenol
Concen: 148.530 ng
RT: 15.898 min Scan# 2195
Delta R.T. -0.012 min
Lab File: BP020515.D
Acq: 05 Jun 2024 12:58

Tgt Ion:330 Resp: 1029284
Ion Ratio Lower Upper
330 100
332 96.8 76.6 114.8
141 32.0 27.1 40.7



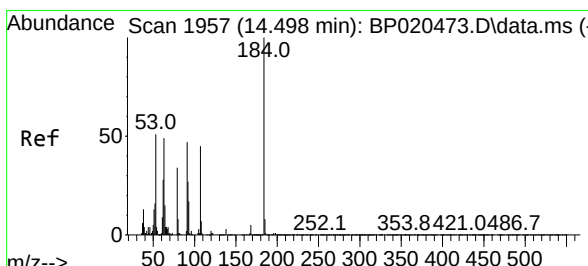
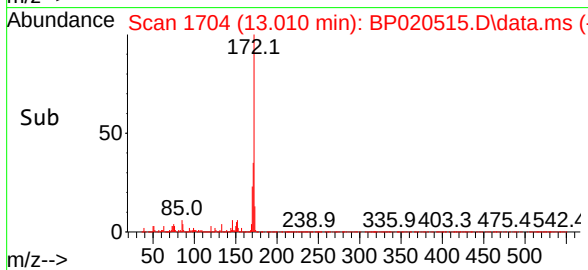
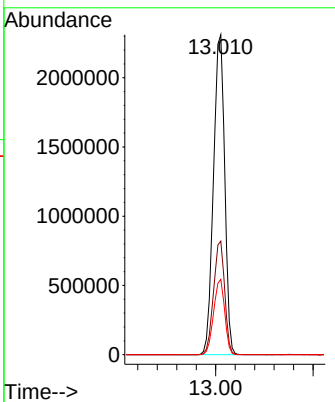
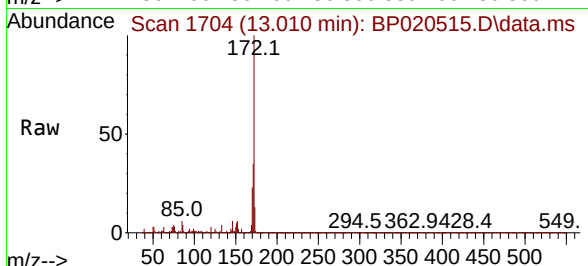


#45
 2-Fluorobiphenyl
 Concen: 82.473 ng
 RT: 13.010 min Scan# 1704
 Delta R.T. 0.006 min
 Lab File: BP020515.D
 Acq: 05 Jun 2024 12:58

Instrument : BNA_P
 ClientSampleId : WCS-TPQ

Tgt Ion:172 Resp: 3694209

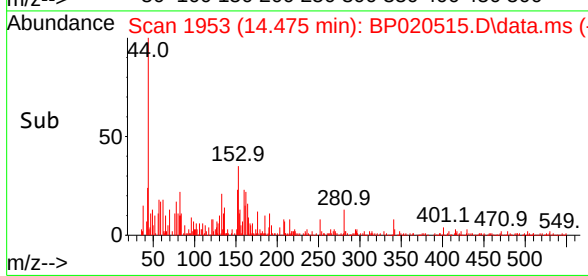
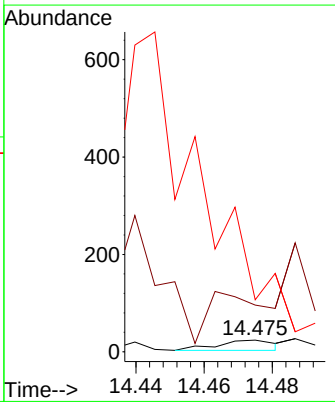
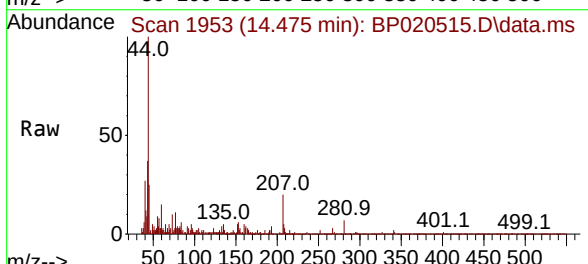
Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.4	42.6
170	23.5	18.9	28.3

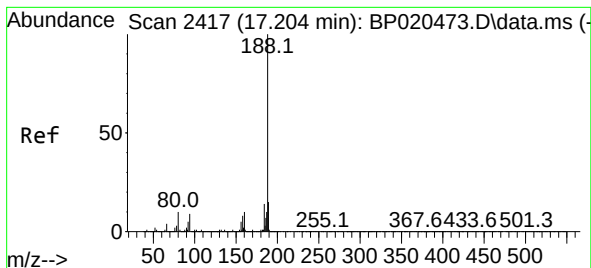


#54
 2,4-Dinitrophenol
 Concen: 4.981 ng
 RT: 14.475 min Scan# 1953
 Delta R.T. -0.023 min
 Lab File: BP020515.D
 Acq: 05 Jun 2024 12:58

Tgt Ion:184 Resp: 25

Ion	Ratio	Lower	Upper
184	100		
63	400.0	54.2	81.4#
154	445.8	51.0	76.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2417

Delta R.T. -0.012 min

Lab File: BP020515.D

Acq: 05 Jun 2024 12:58

Instrument :

BNA_P

ClientSampleId :

WCS-TPQ

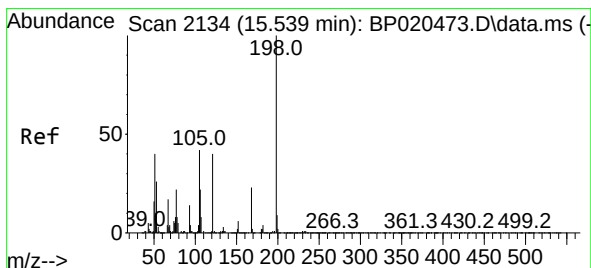
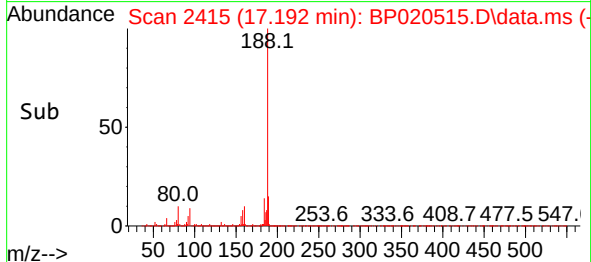
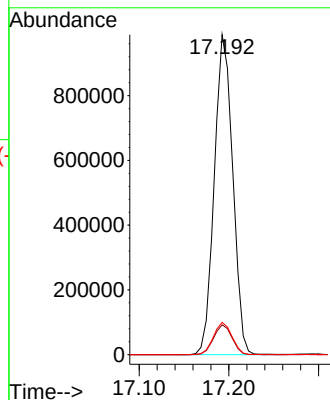
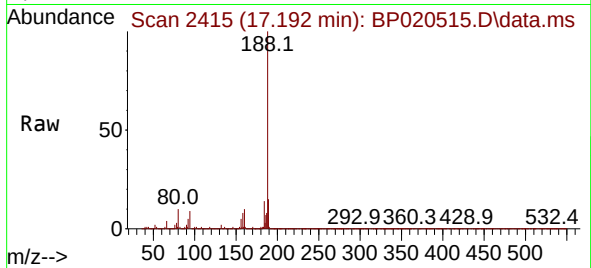
Tgt Ion:188 Resp: 1411096

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 10.1 8.1 12.1



#65

4,6-Dinitro-2-methylphenol

Concen: 7.661 ng

RT: 15.522 min Scan# 2131

Delta R.T. -0.017 min

Lab File: BP020515.D

Acq: 05 Jun 2024 12:58

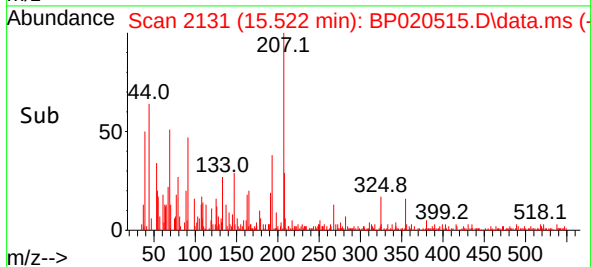
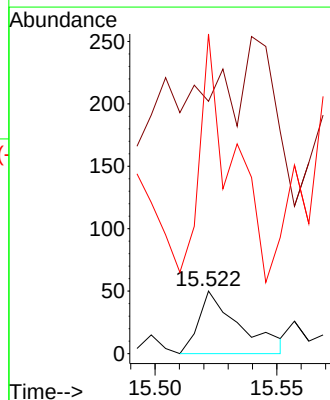
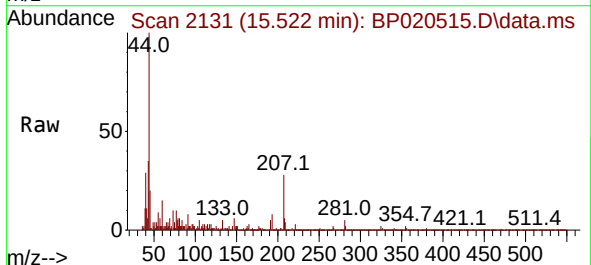
Tgt Ion:198 Resp: 59

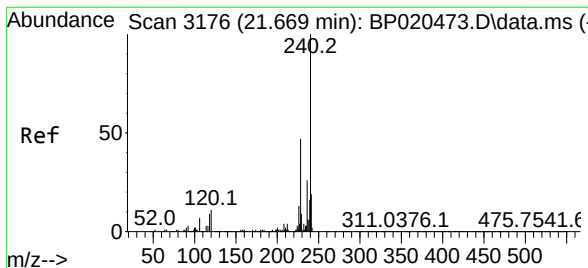
Ion Ratio Lower Upper

198 100

51 404.0 24.8 64.8#

105 512.0 23.2 63.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.645 min Scan# 3172

Delta R.T. -0.023 min

Lab File: BP020515.D

Acq: 05 Jun 2024 12:58

Instrument :

BNA_P

ClientSampleId :

WCS-TPQ

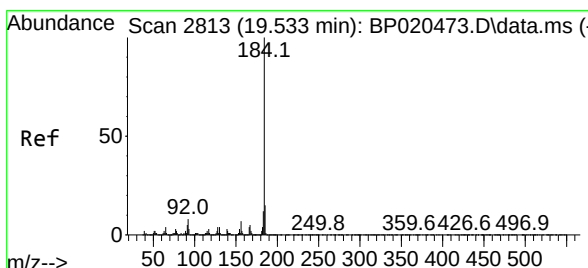
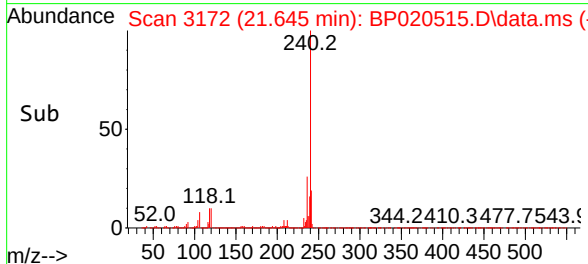
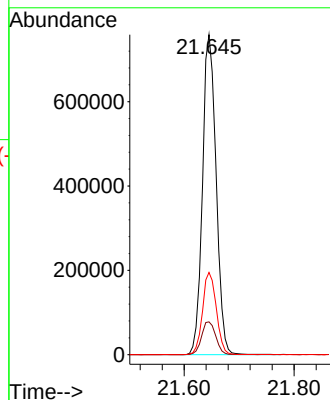
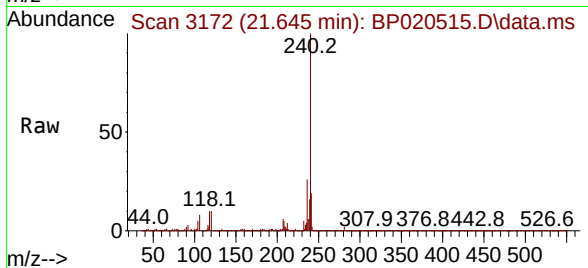
Tgt Ion:240 Resp: 1307572

Ion Ratio Lower Upper

240 100

120 10.3 8.5 12.7

236 25.7 20.5 30.7



#77

Benzidine

Concen: 5.994 ng

RT: 19.528 min Scan# 2812

Delta R.T. -0.005 min

Lab File: BP020515.D

Acq: 05 Jun 2024 12:58

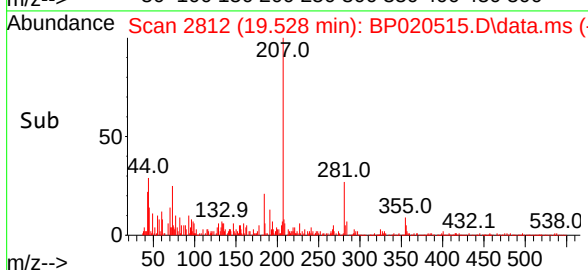
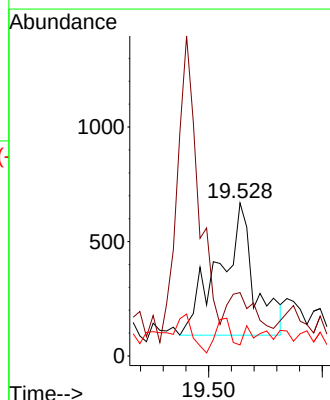
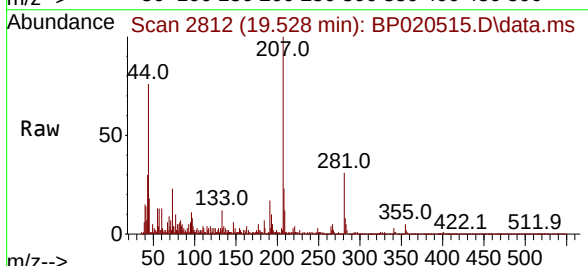
Tgt Ion:184 Resp: 1256

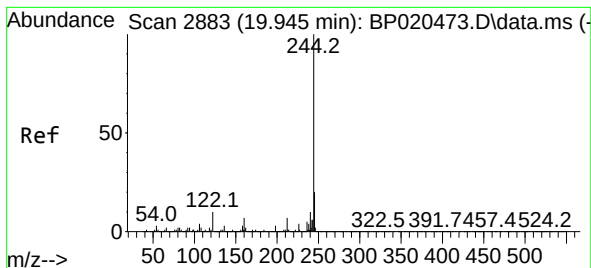
Ion Ratio Lower Upper

184 100

185 43.4 12.0 18.0#

183 7.2 9.4 14.0#





#79

Terphenyl-d14

Concen: 77.916 ng

RT: 19.933 min Scan# 2881

Delta R.T. -0.012 min

Lab File: BP020515.D

Acq: 05 Jun 2024 12:58

Instrument :

BNA_P

ClientSampleId :

WCS-TPQ

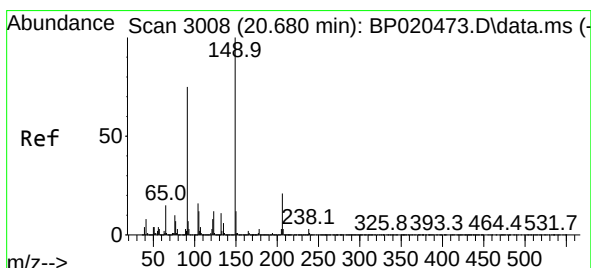
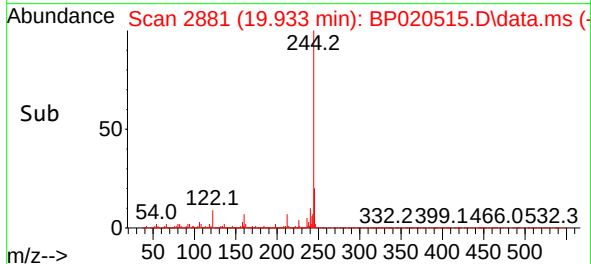
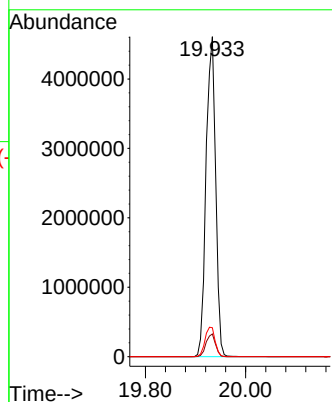
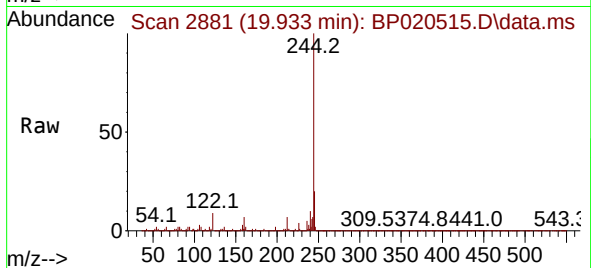
Tgt Ion:244 Resp: 6119963

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 9.0 8.2 12.2



#80

Butylbenzylphthalate

Concen: 2.445 ng

RT: 20.680 min Scan# 3008

Delta R.T. 0.000 min

Lab File: BP020515.D

Acq: 05 Jun 2024 12:58

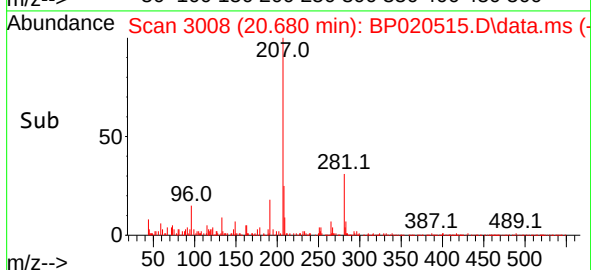
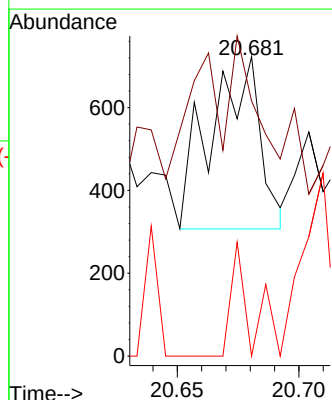
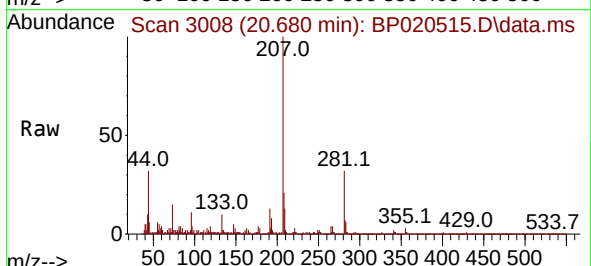
Tgt Ion:149 Resp: 588

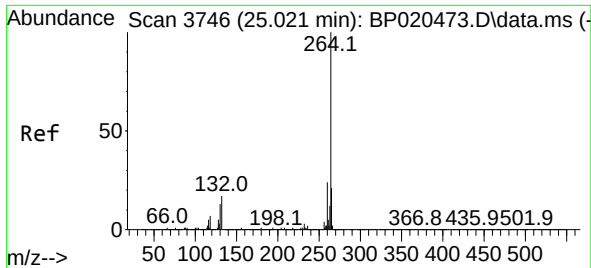
Ion Ratio Lower Upper

149 100

91 85.2 60.0 90.0

206 0.0 16.6 25.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.004 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP020515.D
 Acq: 05 Jun 2024 12:58

Instrument :
 BNA_P
 ClientSampleId :
 WCS-TPQ

Tgt Ion:264 Resp: 1484857
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.9 28.3
 265 21.7 17.4 26.0

