

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
 Data File : BP005600.D
 Acq On : 18 May 2021 15:02
 Operator : CG/JU
 Sample : M2435-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VAN-REIPEN-A

Quant Time: May 18 15:48:55 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 17 15:35:47 2021
 Response via : Initial Calibration

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

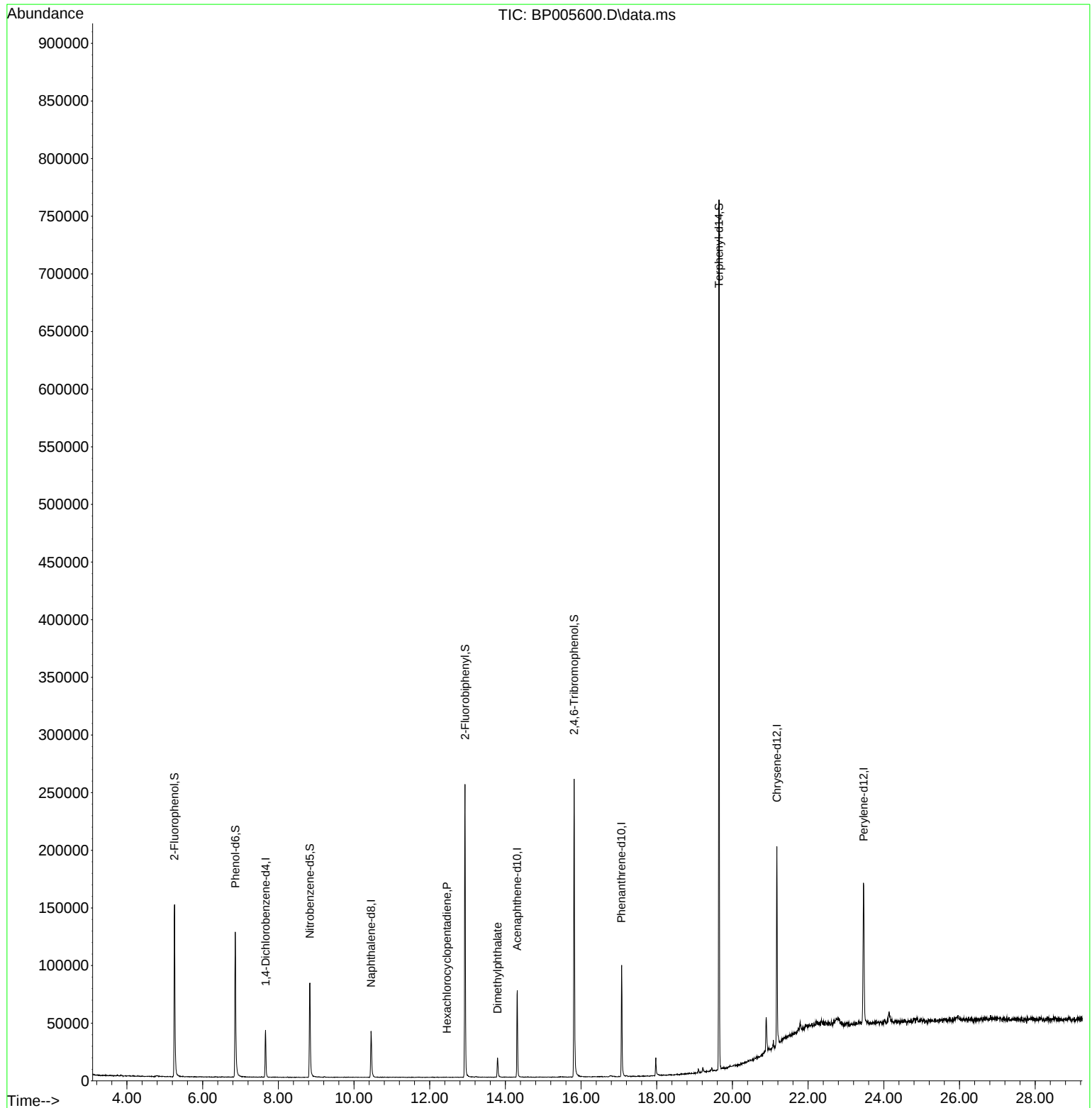
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	9237	20.00	ng	0.00
21) Naphthalene-d8	10.451	136	26570	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	22317	20.00	ng	# 0.00
64) Phenanthrene-d10	17.069	188	57830	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	84646	20.00	ng	# 0.00
86) Perylene-d12	23.468	264	94740	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.258	112	48217	100.18	ng	0.00
7) Phenol-d6	6.863	99	53626	89.35	ng	0.00
23) Nitrobenzene-d5	8.834	82	46869	69.43	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	49709	78.49	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	112843	57.04	ng	0.00
79) Terphenyl-d14	19.645	244	281865	56.55	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	30	Below Cal	#	1
9) Benzaldehyde	6.810	77	17	Below Cal	#	14
41) Hexachlorocyclopentadiene	12.457	237	14	7.90	ng	72
50) Dimethylphthalate	13.792	163	11869	6.16	ng	# 98

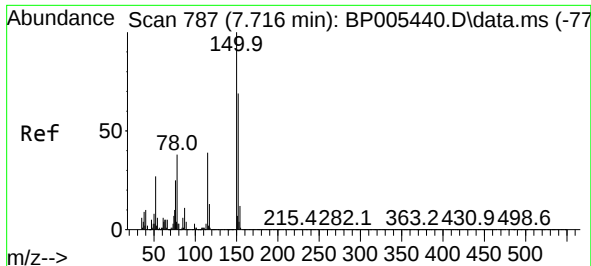
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051821\
Data File : BP005600.D
Acq On : 18 May 2021 15:02
Operator : CG/JU
Sample : M2435-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
VAN-REIPEN-A

Quant Time: May 18 15:48:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

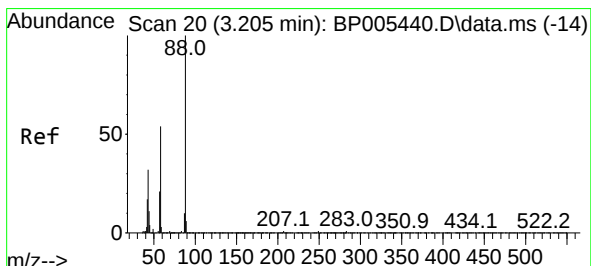
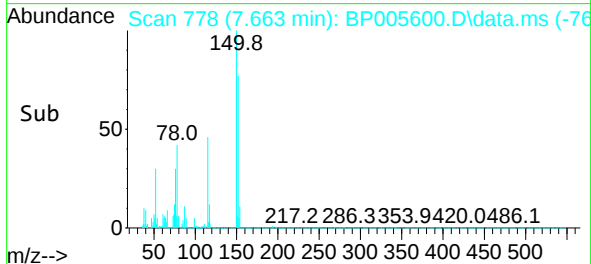
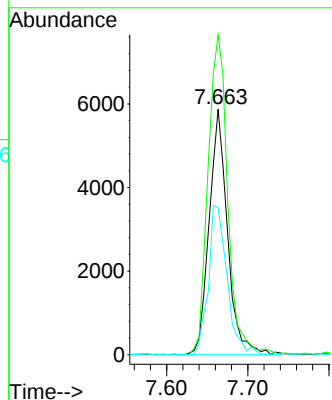
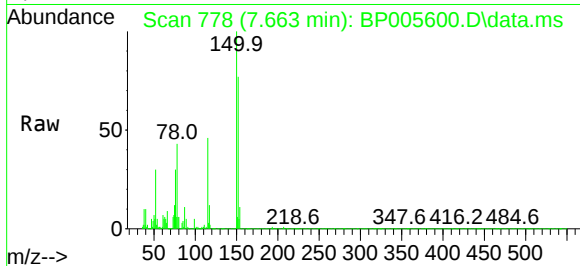




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

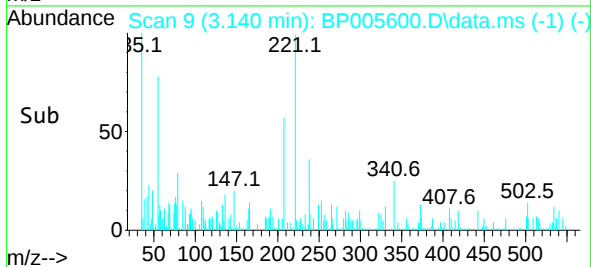
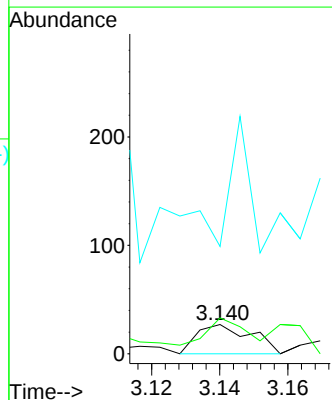
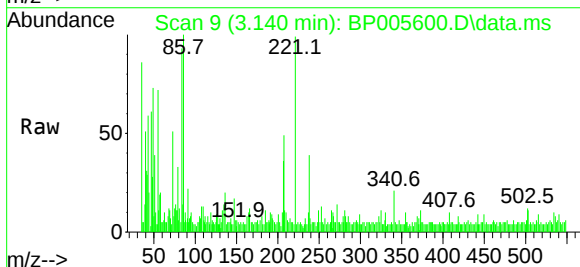
Instrument :
BNA_P
ClientSampleId :
VAN-REIPEN-A

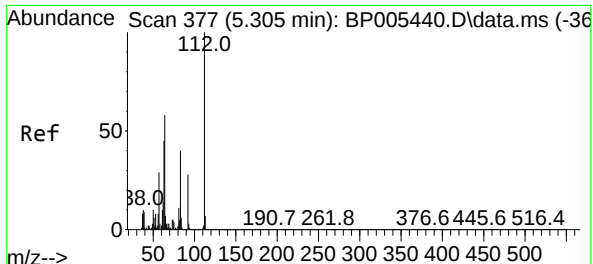
Tgt Ion:152 Resp: 9237
Ion Ratio Lower Upper
152 100
150 130.4 119.8 179.8
115 59.9 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.140 min Scan# 9
Delta R.T. -0.006 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

Tgt Ion: 88 Resp: 30
Ion Ratio Lower Upper
88 100
58 60.0 42.5 63.7
43 186.7 19.8 29.8#

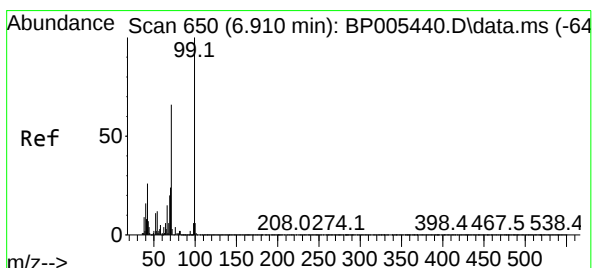
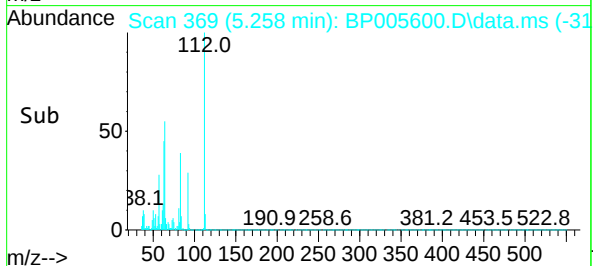
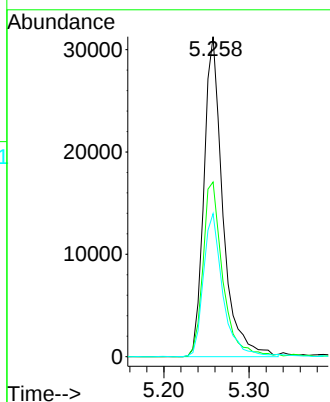
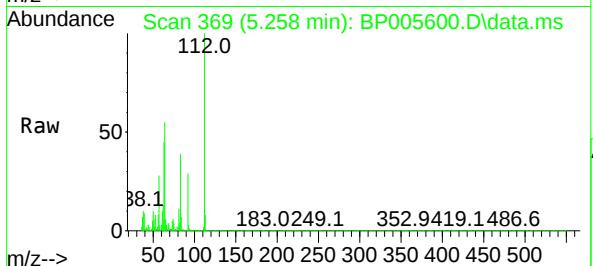




#5
2-Fluorophenol
Concen: 100.18 ng
RT: 5.258 min Scan# 369
Delta R.T. -0.000 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

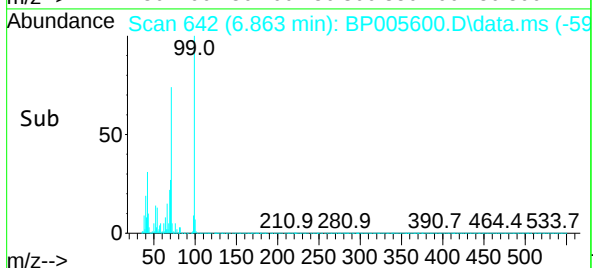
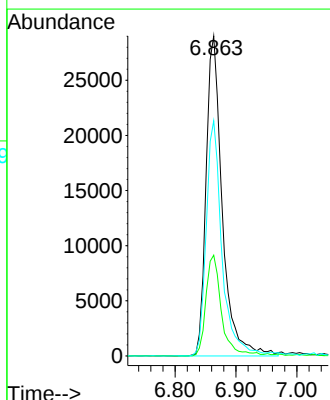
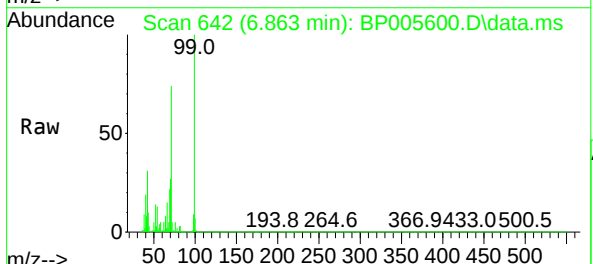
Instrument :
BNA_P
ClientSampleId :
VAN-REIPEN-A

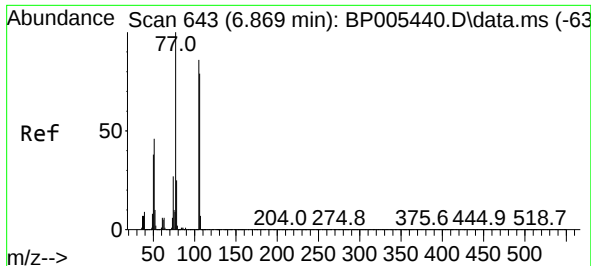
Tgt Ion:112 Resp: 48217
Ion Ratio Lower Upper
112 100
64 54.6 33.6 50.4#
63 44.7 18.6 27.8#



#7
Phenol-d6
Concen: 89.35 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.000 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

Tgt Ion: 99 Resp: 53626
Ion Ratio Lower Upper
99 100
42 31.5 12.9 19.3#
71 73.5 26.7 40.1#

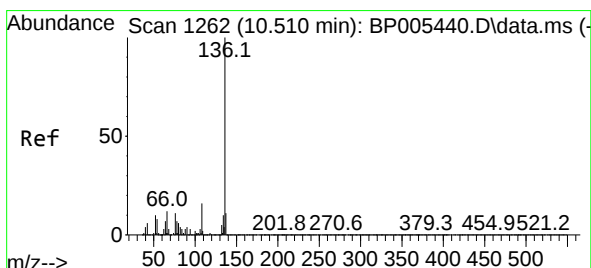
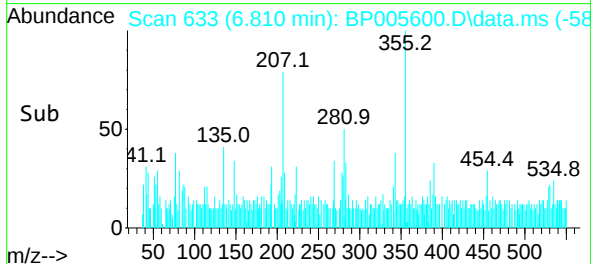
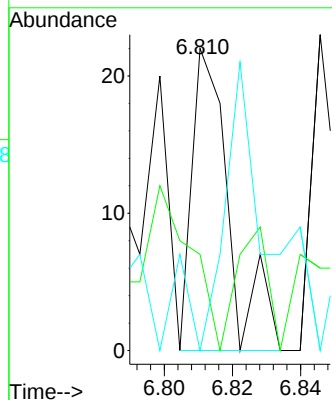
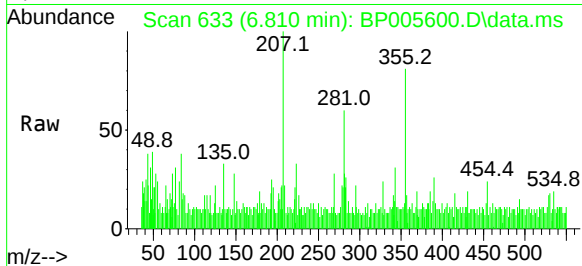




#9
Benzaldehyde
Concen: Below Cal
RT: 6.810 min Scan# 633
Delta R.T. -0.006 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

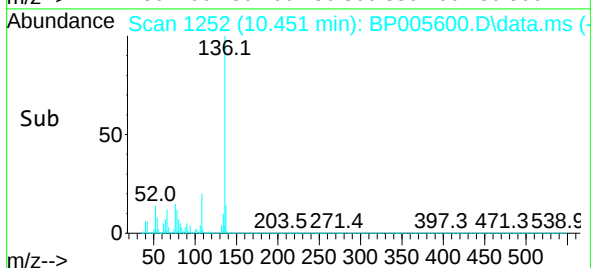
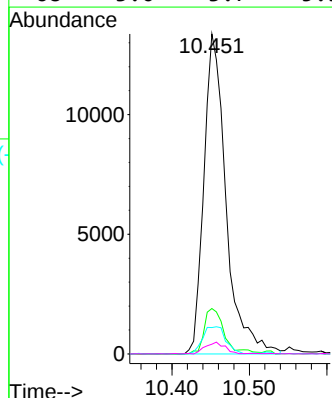
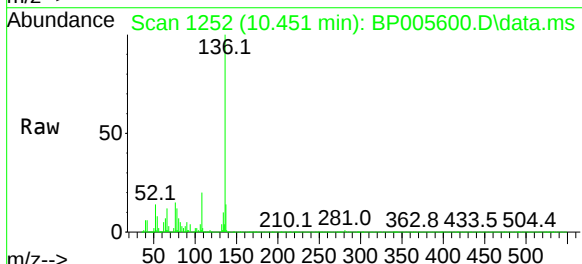
Instrument :
BNA_P
ClientSampleId :
VAN-REIPEN-A

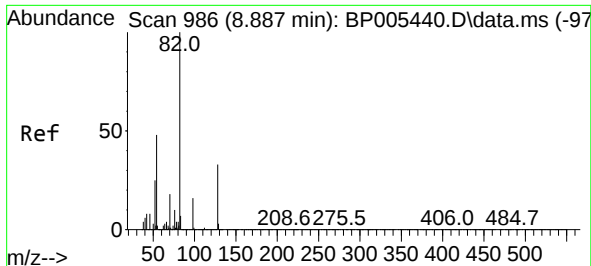
Tgt Ion: 77 Resp: 17
Ion Ratio Lower Upper
77 100
105 31.8 89.4 129.4#
106 0.0 79.9 119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

Tgt Ion: 136 Resp: 26570
Ion Ratio Lower Upper
136 100
137 14.2 8.9 13.3#
54 8.5 5.0 7.4#
68 3.0 3.7 5.5#

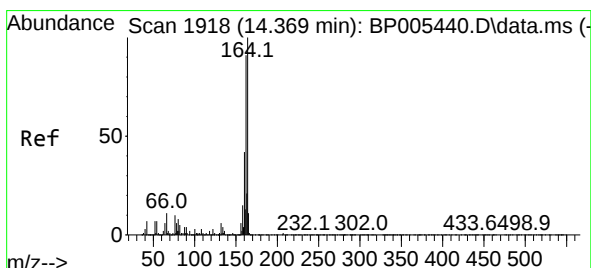
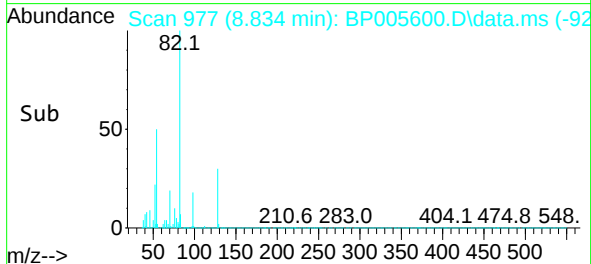
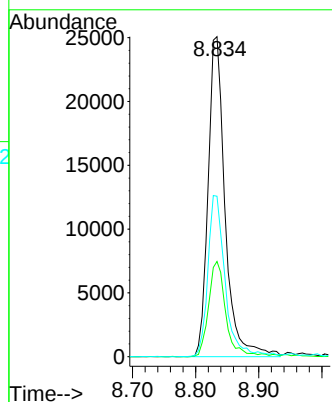
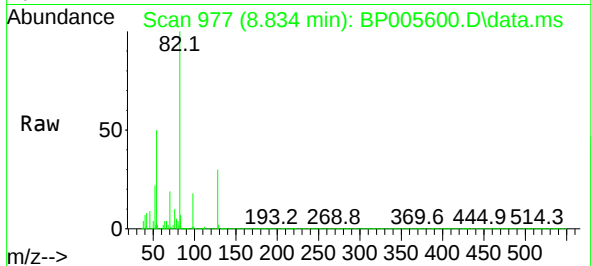




#23
Nitrobenzene-d5
Concen: 69.43 ng
RT: 8.834 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

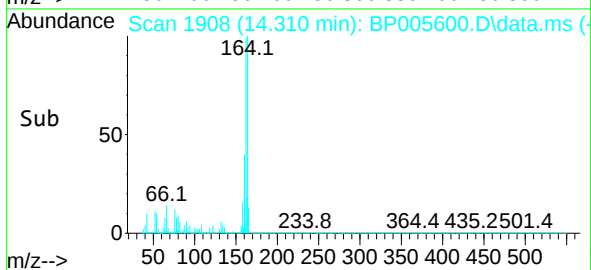
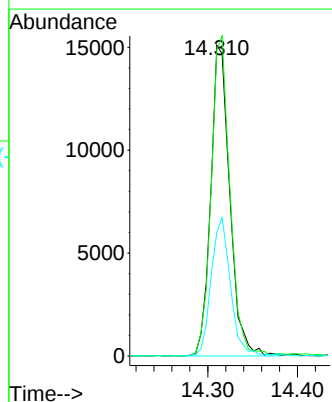
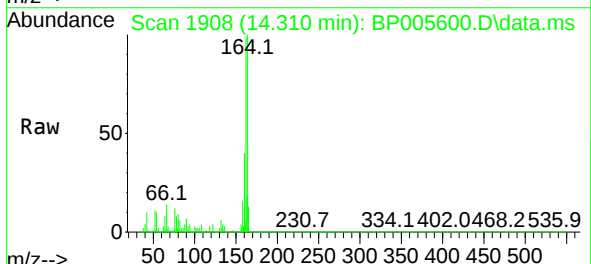
Instrument :
BNA_P
ClientSampleId :
VAN-REIPEN-A

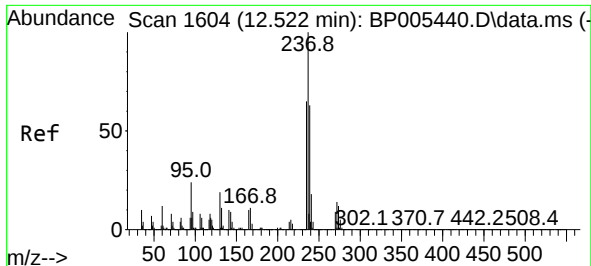
Tgt Ion: 82 Resp: 46869
Ion Ratio Lower Upper
82 100
128 29.7 30.5 45.7#
54 50.1 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

Tgt Ion: 164 Resp: 22317
Ion Ratio Lower Upper
164 100
162 98.6 73.5 110.3
160 39.9 40.6 61.0#

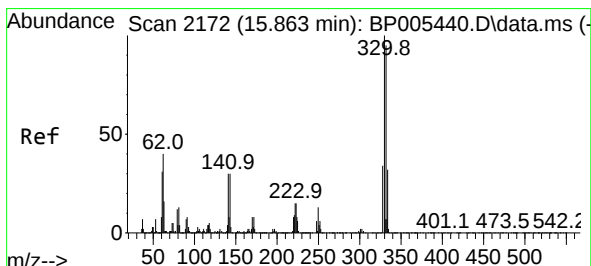
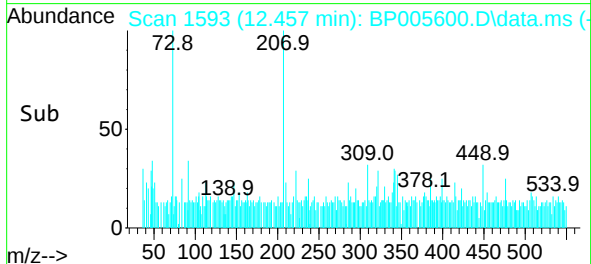
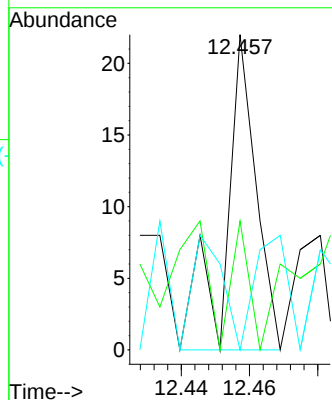
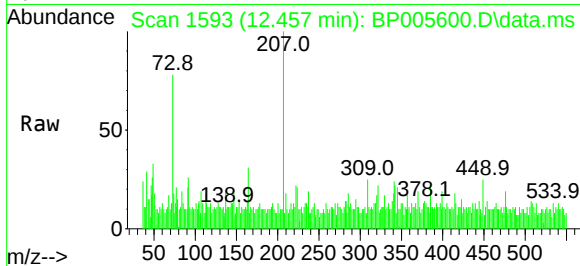




#41
Hexachlorocyclopentadiene
Concen: 7.90 ng
RT: 12.457 min Scan# 1593
Delta R.T. -0.006 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

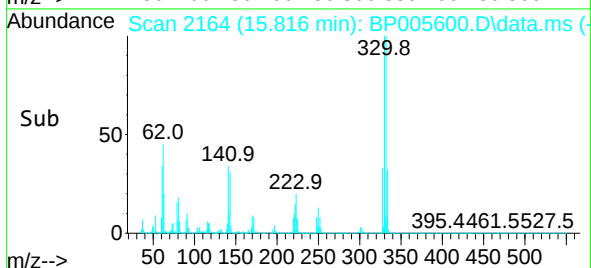
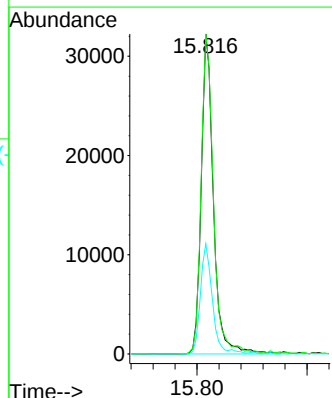
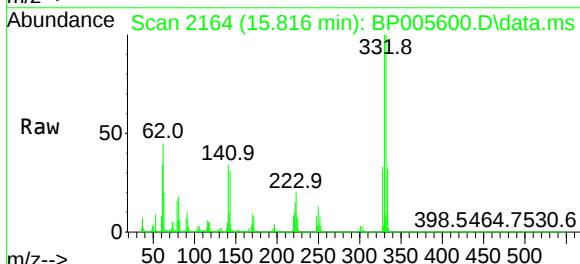
Instrument :
BNA_P
ClientSampleId :
VAN-REIPEN-A

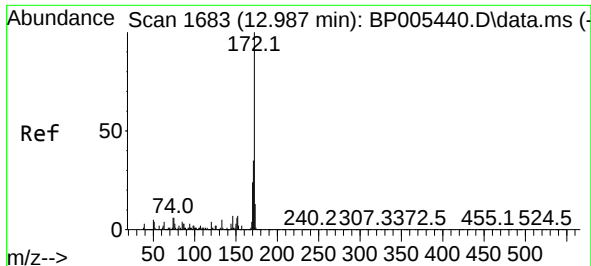
Tgt Ion:237	Resp:	14
Ion	Ratio	Lower Upper
237	100	
235	40.9	40.9 80.9
272	0.0	0.0 34.6



#42
2,4,6-Tribromophenol
Concen: 78.49 ng
RT: 15.816 min Scan# 2164
Delta R.T. -0.000 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

Tgt Ion:330	Resp:	49709
Ion	Ratio	Lower Upper
330	100	
332	100.6	76.3 114.5
141	33.7	22.8 34.2

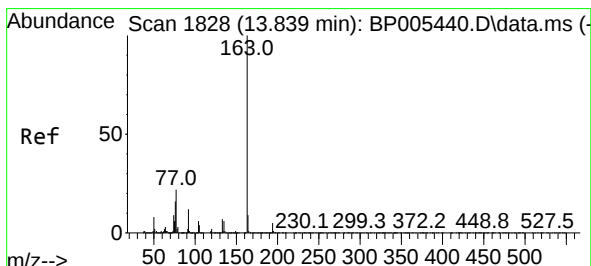
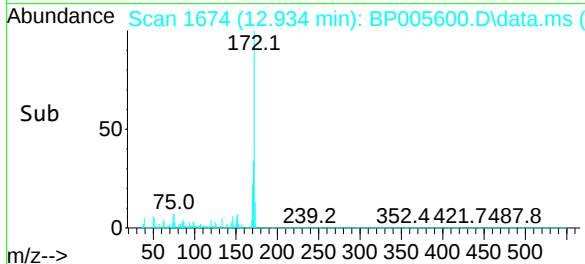
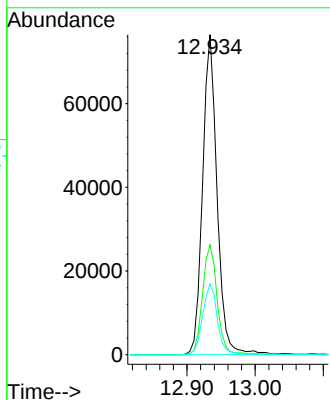
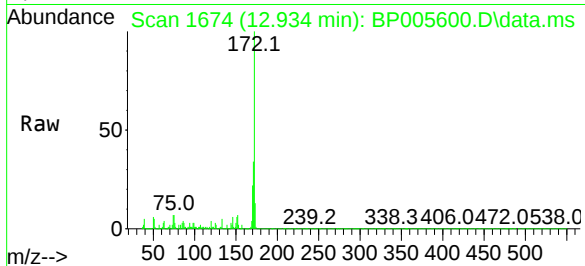




#45
2-Fluorobiphenyl
Concen: 57.04 ng
RT: 12.934 min Scan# 1674
Delta R.T. -0.000 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

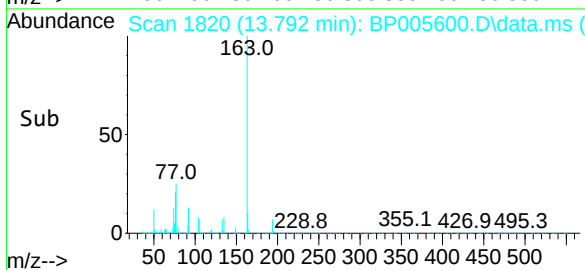
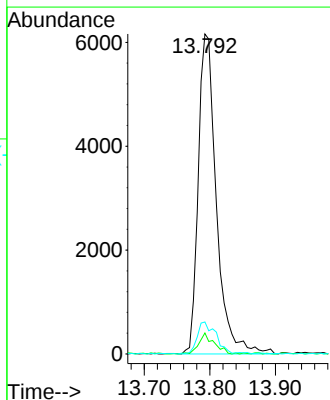
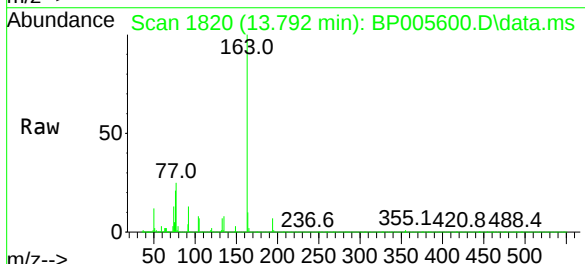
Instrument :
BNA_P
ClientSampleId :
VAN-REIPEN-A

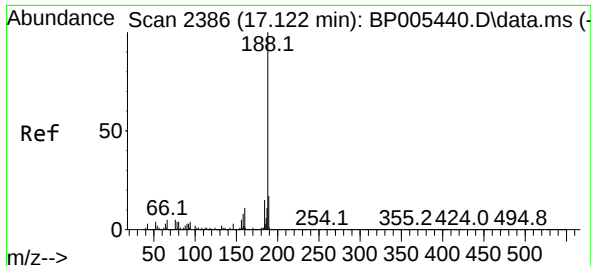
Tgt Ion:172 Resp: 112843
Ion Ratio Lower Upper
172 100
171 34.3 28.1 42.1
170 22.2 19.6 29.4



#50
Dimethylphthalate
Concen: 6.16 ng
RT: 13.792 min Scan# 1820
Delta R.T. 0.006 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

Tgt Ion:163 Resp: 11869
Ion Ratio Lower Upper
163 100
194 6.6 3.9 5.9#
164 10.0 8.1 12.1

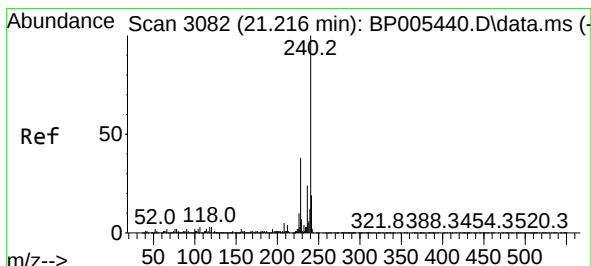
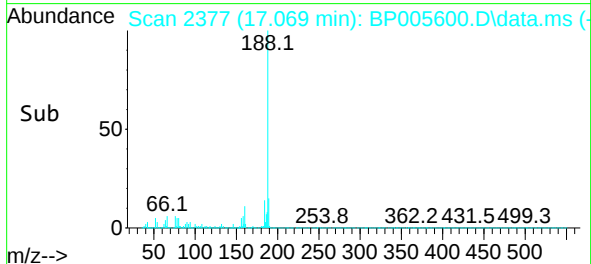
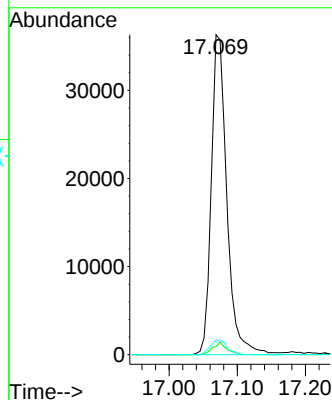
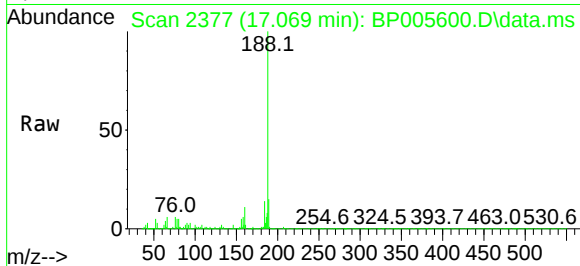




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

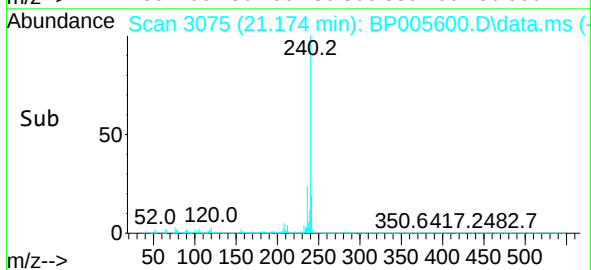
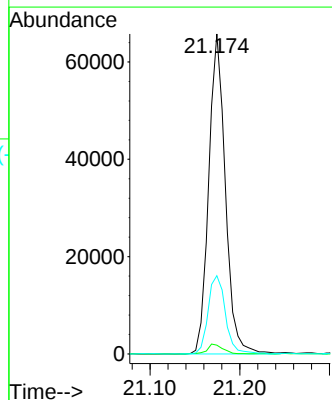
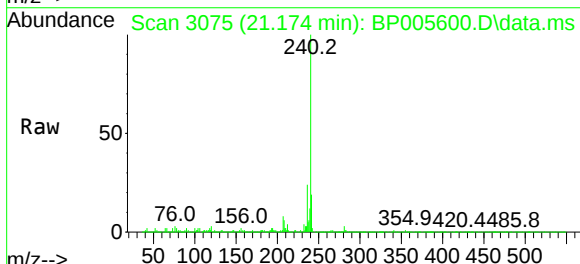
Instrument :
BNA_P
ClientSampleId :
VAN-REIPEN-A

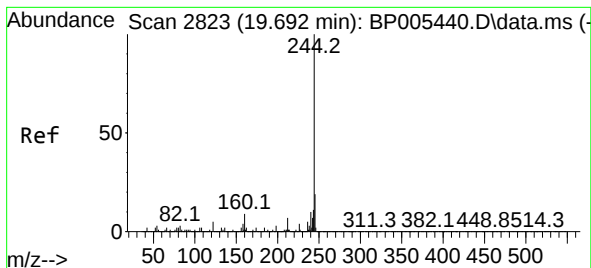
Tgt Ion:188 Resp: 57830
Ion Ratio Lower Upper
188 100
94 2.5 5.0 7.6#
80 4.6 5.9 8.9#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.174 min Scan# 3075
Delta R.T. -0.006 min
Lab File: BP005600.D
Acq: 18 May 2021 15:02

Tgt Ion:240 Resp: 84646
Ion Ratio Lower Upper
240 100
120 3.2 4.2 6.2#
236 24.5 20.2 30.2





#79

Terphenyl-d14

Concen: 56.55 ng

RT: 19.645 min Scan# 2815

Delta R.T. -0.006 min

Lab File: BP005600.D

Acq: 18 May 2021 15:02

Tgt Ion:244 Resp: 281865

Ion Ratio Lower Upper

244 100

212 8.1 5.8 8.6

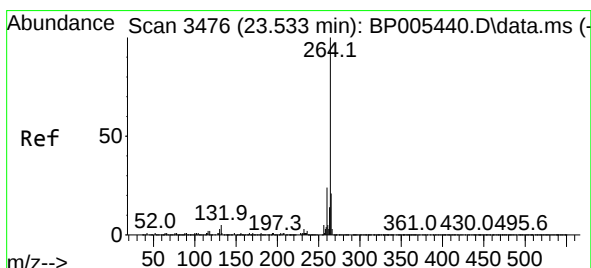
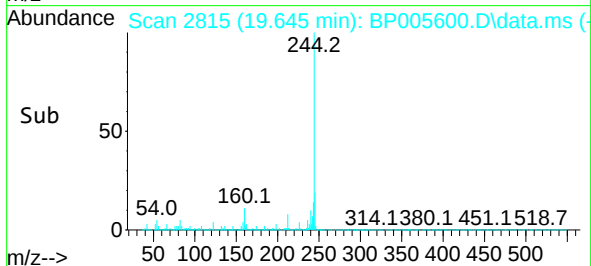
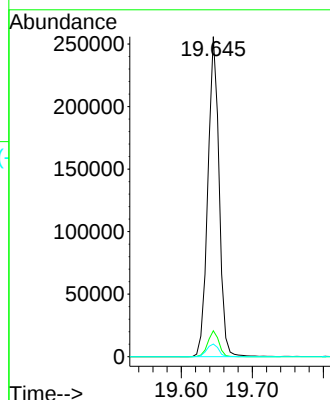
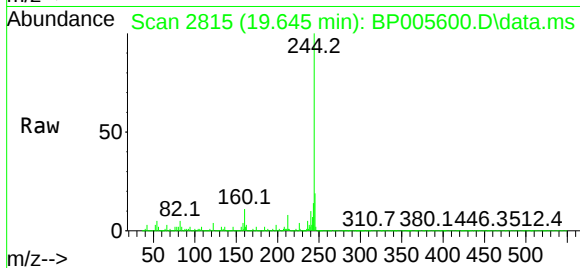
122 3.9 5.2 7.8#

Instrument :

BNA_P

ClientSampleId :

VAN-REIPEN-A



#86

Perylene-d12

Concen: 20.00 ng

RT: 23.468 min Scan# 3465

Delta R.T. -0.006 min

Lab File: BP005600.D

Acq: 18 May 2021 15:02

Tgt Ion:264 Resp: 94740

Ion Ratio Lower Upper

264 100

260 24.8 20.6 30.8

265 22.3 19.0 28.6

