

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051921\
 Data File : BP005611.D
 Acq On : 19 May 2021 14:42
 Operator : CG/JU
 Sample : M2434-07
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TW-SB-2

Quant Time: May 20 03:23:46 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)

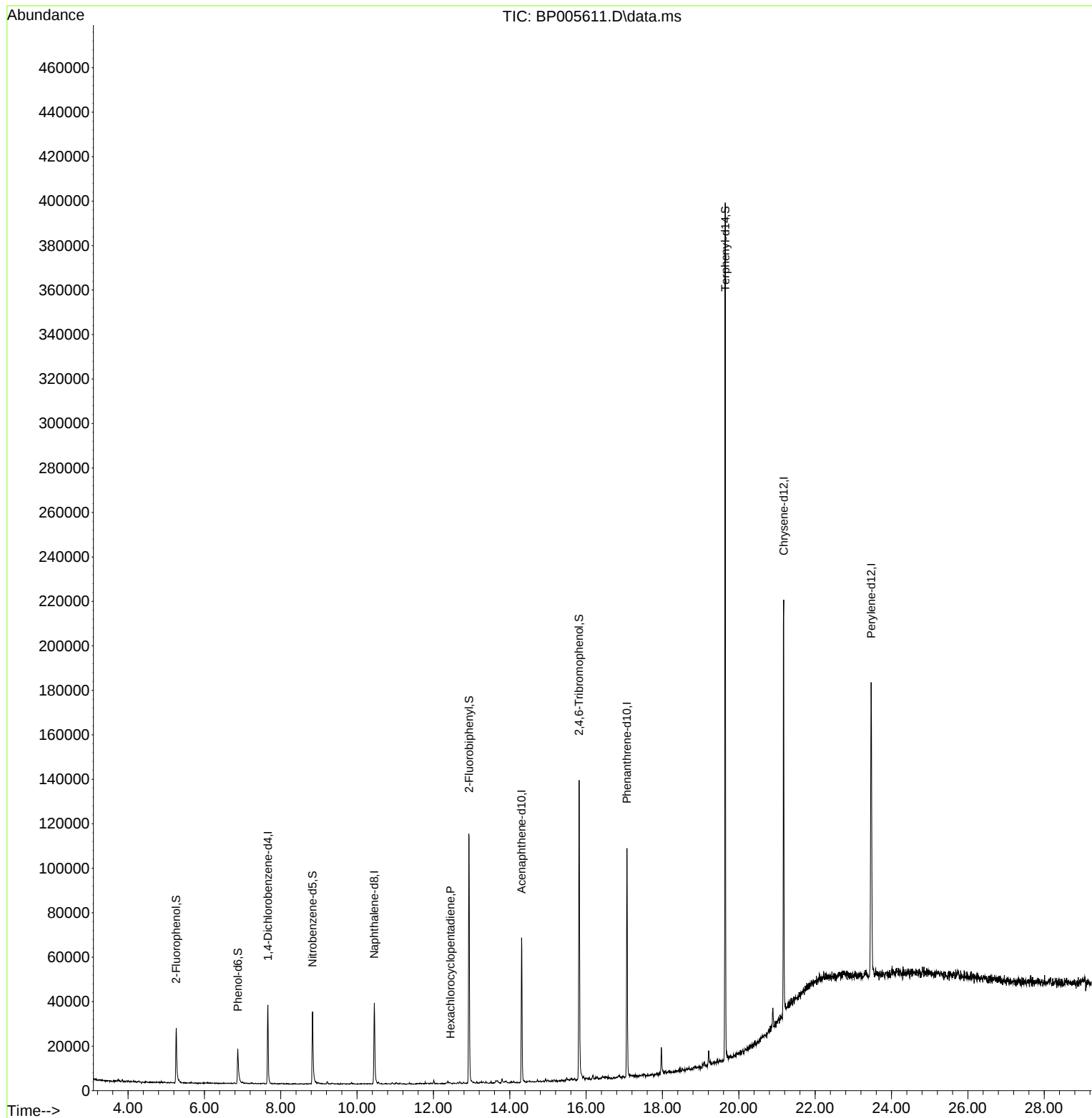
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	6820	20.00	ng	0.00
21) Naphthalene-d8	10.452	136	21783	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	18562	20.00	ng	0.00
64) Phenanthrene-d10	17.069	188	56705	20.00	ng	# 0.00
76) Chrysene-d12	21.174	240	92099	20.00	ng	# 0.00
86) Perylene-d12	23.468	264	104627	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.264	112	9142	25.73	ng	0.00
7) Phenol-d6	6.881	99	6649	15.00	ng	0.02
23) Nitrobenzene-d5	8.834	82	18968	34.27	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	25485	48.38	ng	0.00
45) 2-Fluorobiphenyl	12.934	172	48584	29.53	ng	0.00
79) Terphenyl-d14	19.645	244	150250	27.71	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.158	88	14	Below Cal	#	32
9) Benzaldehyde	6.840	77	8	Below Cal	#	48
41) Hexachlorocyclopentadiene	12.446	237	5	7.88 ng		82

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051921\
Data File : BP005611.D
Acq On : 19 May 2021 14:42
Operator : CG/JU
Sample : M2434-07
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TW-SB-2

Quant Time: May 20 03:23:46 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

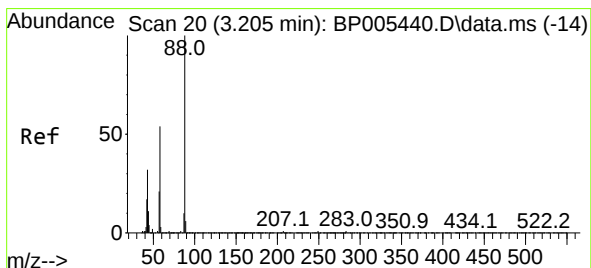
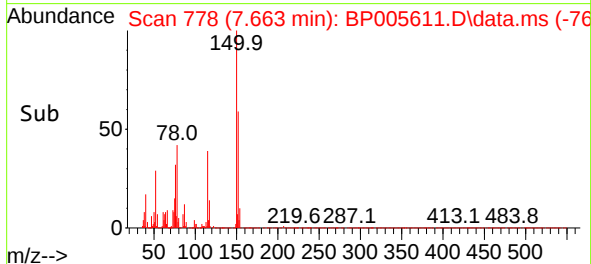
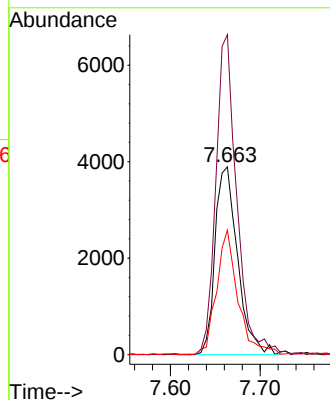
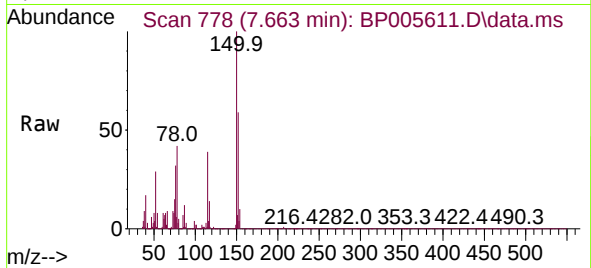




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.663 min Scan# 778
Delta R.T. 0.000 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

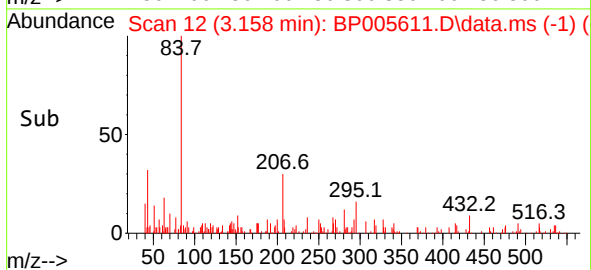
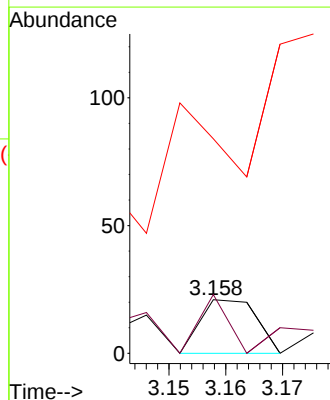
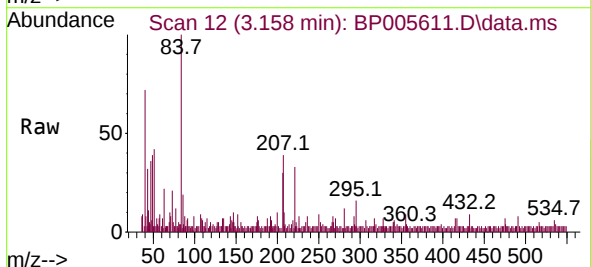
Instrument :
BNA_P
ClientSampleId :
TW-SB-2

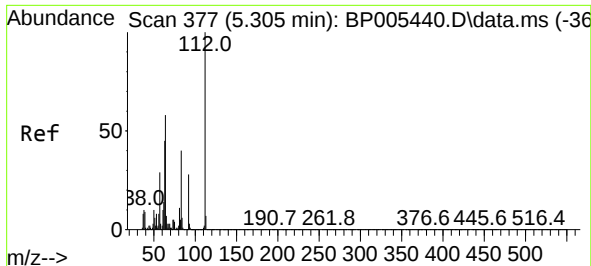
Tgt Ion:152 Resp: 6820
Ion Ratio Lower Upper
152 100
150 170.4 119.8 179.8
115 66.4 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.158 min Scan# 12
Delta R.T. 0.012 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

Tgt Ion: 88 Resp: 14
Ion Ratio Lower Upper
88 100
58 107.1 42.5 63.7#
43 0.0 19.8 29.8#

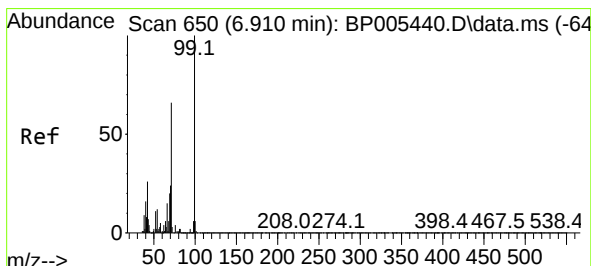
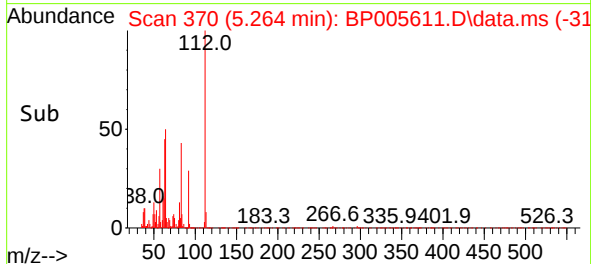
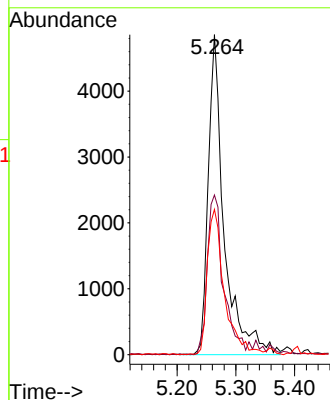
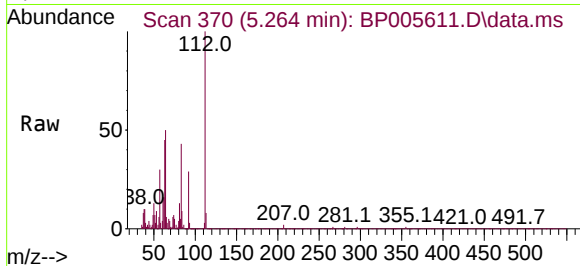




#5
2-Fluorophenol
Concen: 25.73 ng
RT: 5.264 min Scan# 370
Delta R.T. 0.006 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

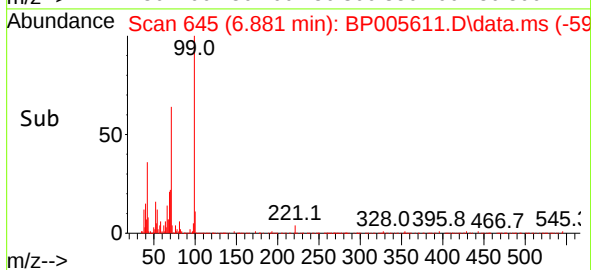
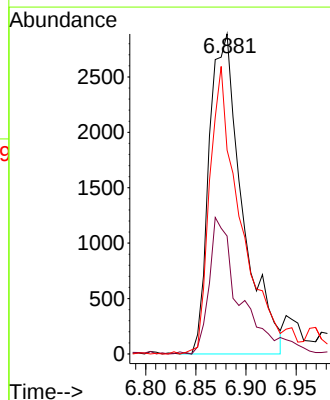
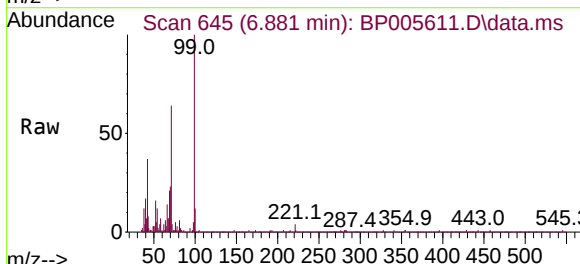
Instrument :
BNA_P
ClientSampleId :
TW-SB-2

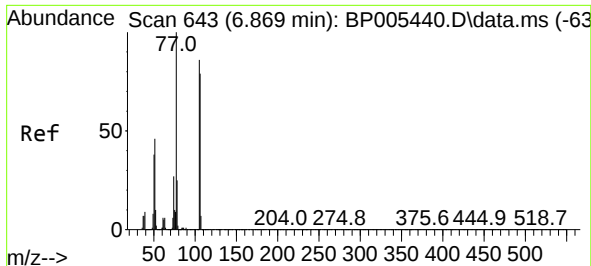
Tgt Ion:112 Resp: 9142
Ion Ratio Lower Upper
112 100
64 49.9 33.6 50.4
63 45.4 18.6 27.8#



#7
Phenol-d6
Concen: 15.00 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.018 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

Tgt Ion: 99 Resp: 6649
Ion Ratio Lower Upper
99 100
42 36.8 12.9 19.3#
71 63.7 26.7 40.1#

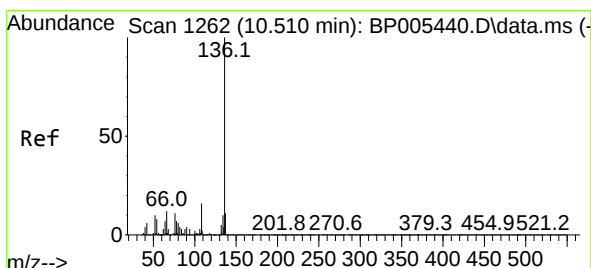
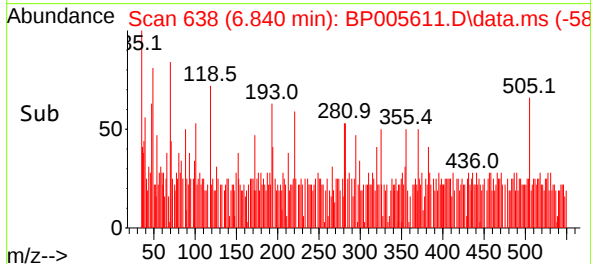
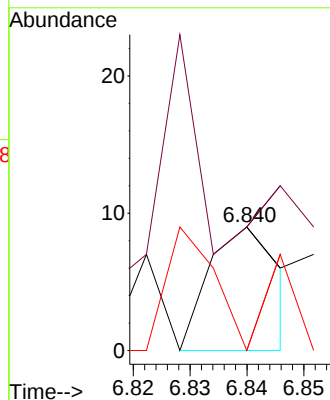
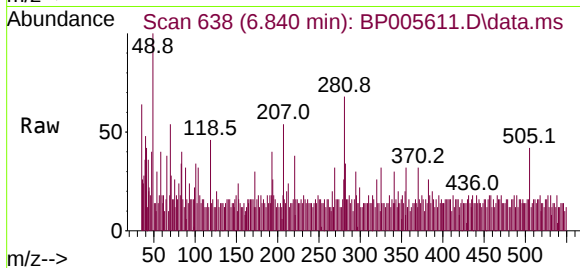




#9
Benzaldehyde
Concen: Below Cal
RT: 6.840 min Scan# 638
Delta R.T. 0.024 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

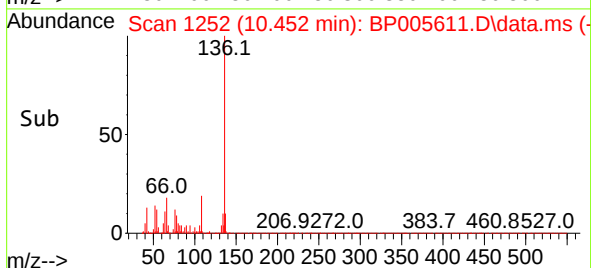
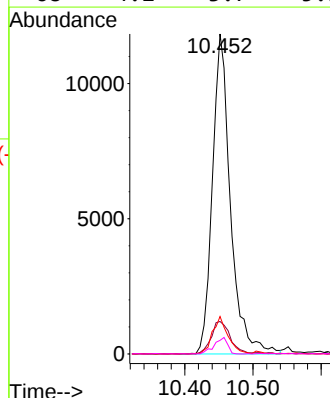
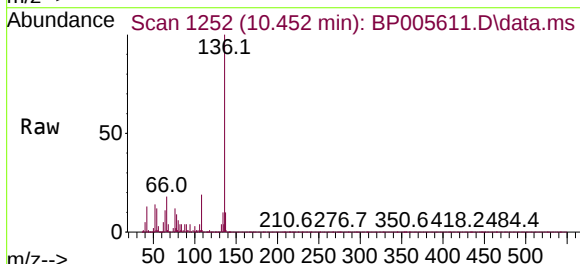
Instrument :
BNA_P
ClientSampleId :
TW-SB-2

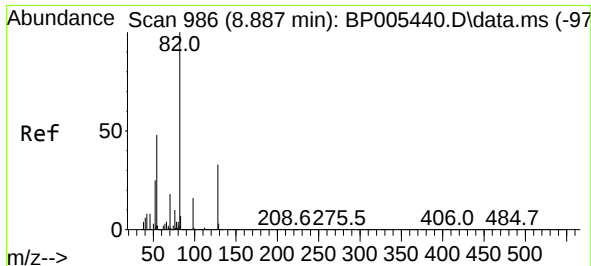
Tgt Ion:	77	Resp:	8
Ion	Ratio	Lower	Upper
77	100		
105	100.0	89.4	129.4
106	0.0	79.9	119.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.452 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

Tgt Ion:	136	Resp:	21783
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.9	13.3
54	11.7	5.0	7.4#
68	4.2	3.7	5.5

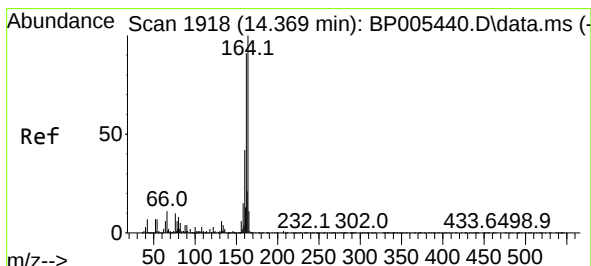
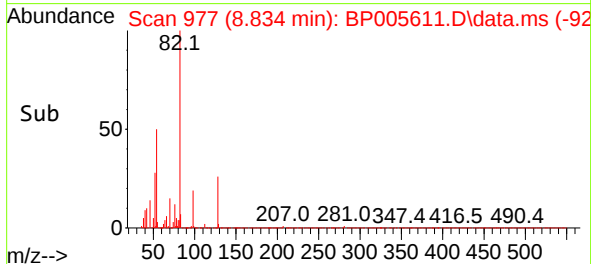
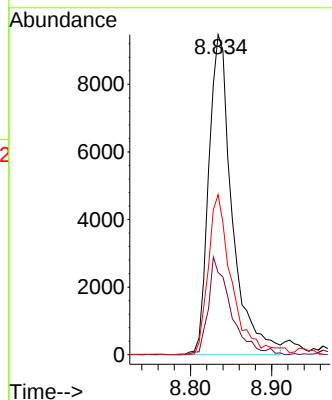
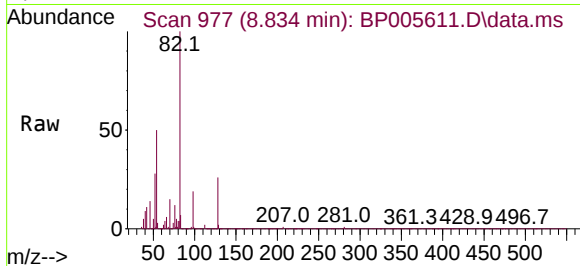




#23
Nitrobenzene-d5
Concen: 34.27 ng
RT: 8.834 min Scan# 977
Delta R.T. 0.000 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

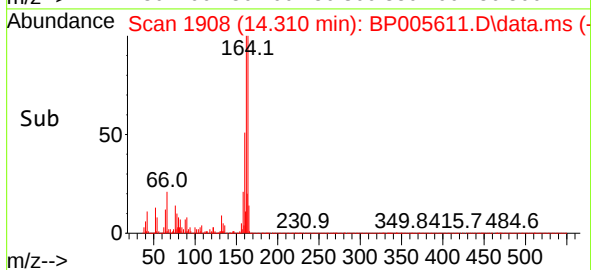
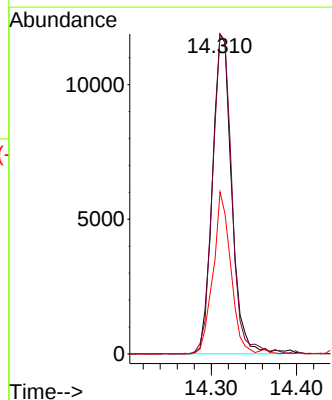
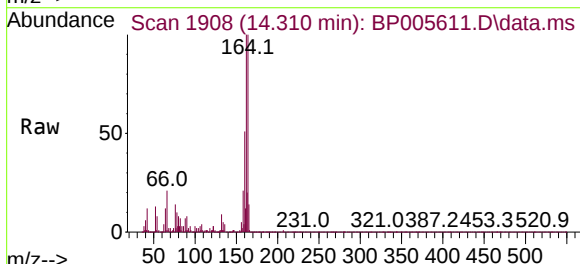
Instrument :
BNA_P
ClientSampleId :
TW-SB-2

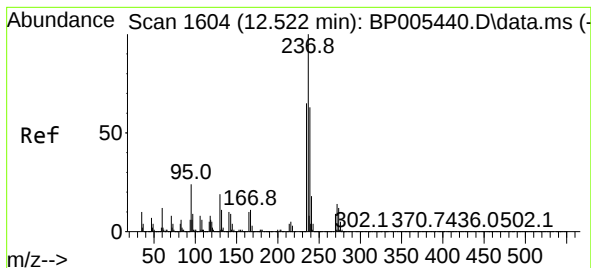
Tgt Ion: 82 Resp: 18968
Ion Ratio Lower Upper
82 100
128 25.7 30.5 45.7#
54 50.0 33.9 50.9



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.310 min Scan# 1908
Delta R.T. -0.006 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

Tgt Ion: 164 Resp: 18562
Ion Ratio Lower Upper
164 100
162 100.1 73.5 110.3
160 50.7 40.6 61.0



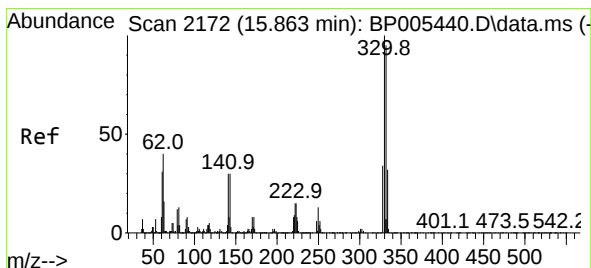
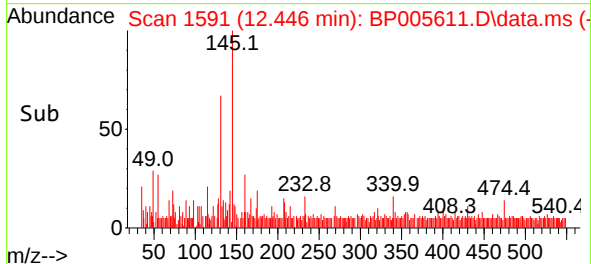
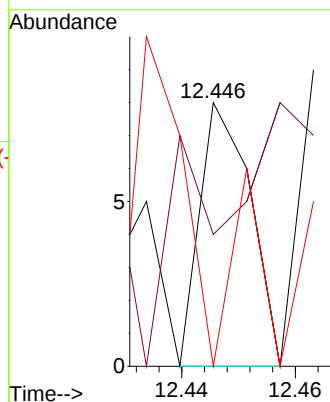
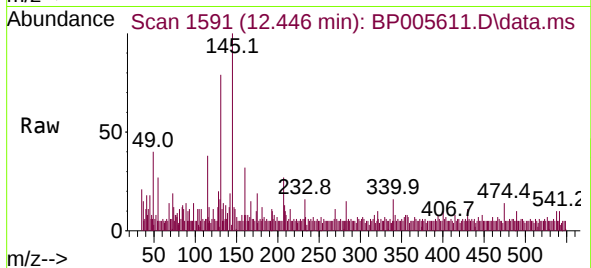


#41

Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.446 min Scan# 1591
Delta R.T. -0.018 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

Instrument :
BNA_P
ClientSampled :
TW-SB-2

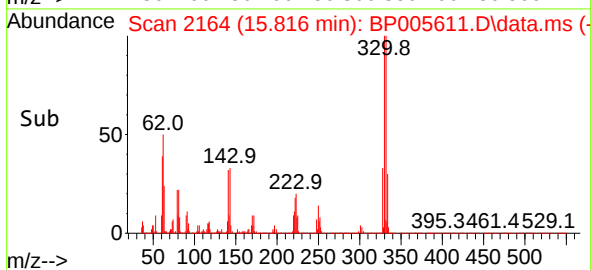
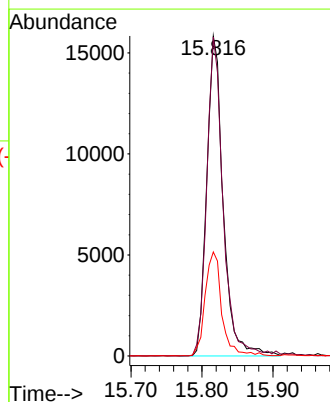
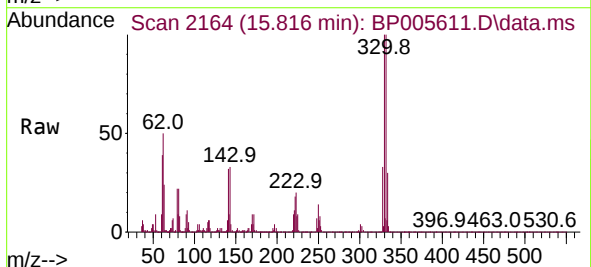
Tgt Ion:	237	Resp:	5
Ion	Ratio	Lower	Upper
237	100		
235	50.0	40.9	80.9
272	0.0	0.0	34.6

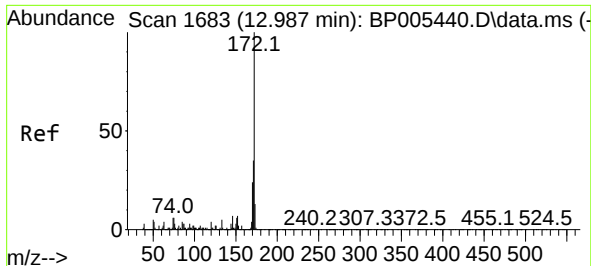


#42

2,4,6-Tribromophenol
Concen: 48.38 ng
RT: 15.816 min Scan# 2164
Delta R.T. 0.000 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

Tgt Ion:	330	Resp:	25485
Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.3	114.5
141	32.8	22.8	34.2

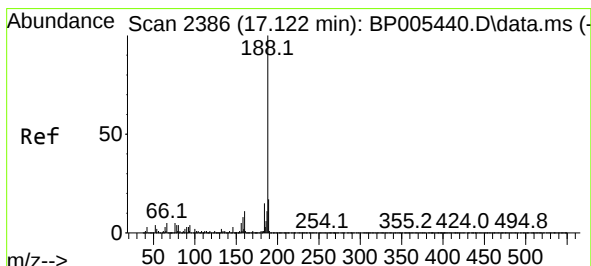
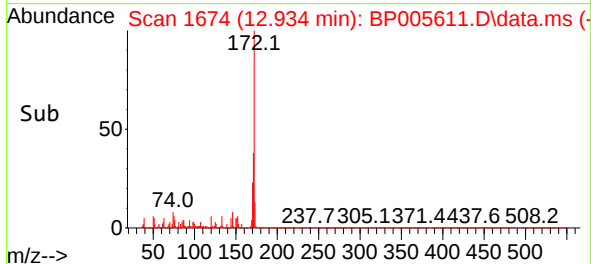
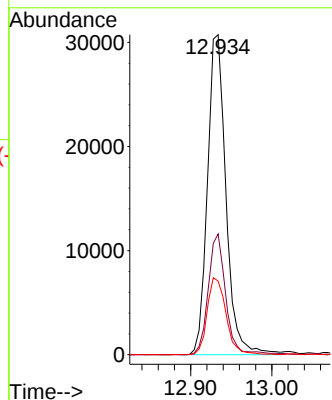
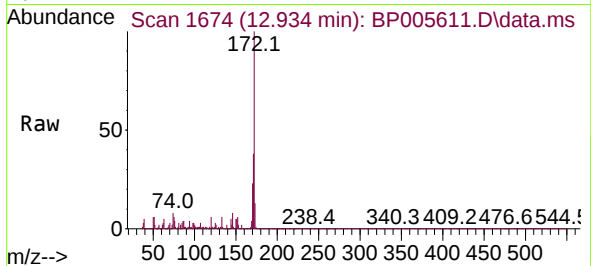




#45
2-Fluorobiphenyl
Concen: 29.53 ng
RT: 12.934 min Scan# 1674
Delta R.T. 0.000 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

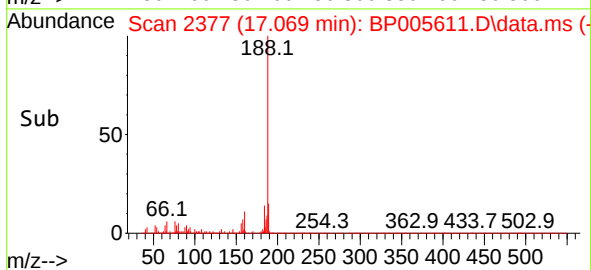
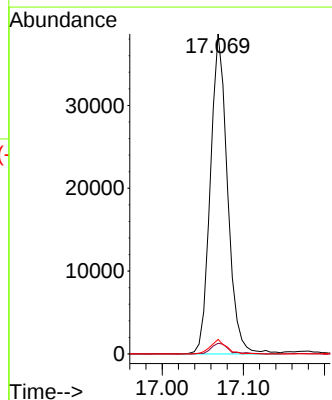
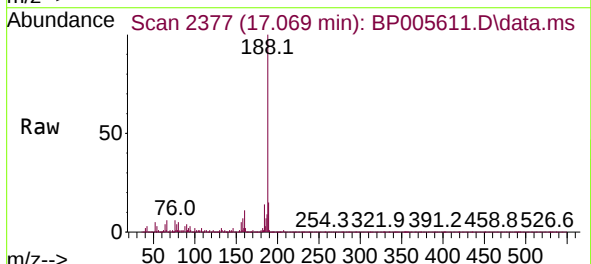
Instrument :
BNA_P
ClientSampleId :
TW-SB-2

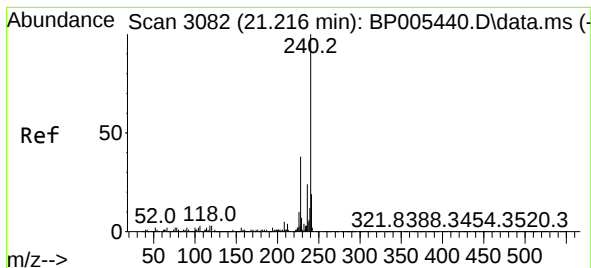
Tgt Ion:	172	Resp:	48584
Ion Ratio	Lower	Upper	
172	100		
171	37.8	28.1	42.1
170	23.0	19.6	29.4



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.069 min Scan# 2377
Delta R.T. -0.006 min
Lab File: BP005611.D
Acq: 19 May 2021 14:42

Tgt Ion:	188	Resp:	56705
Ion Ratio	Lower	Upper	
188	100		
94	3.3	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: BP005611.D

Acq: 19 May 2021 14:42

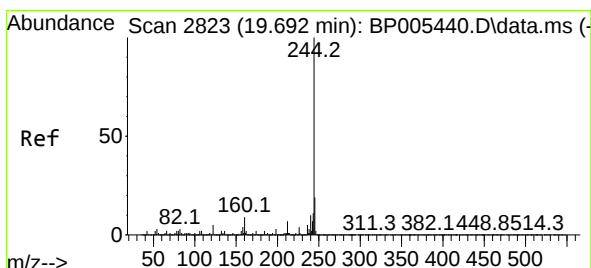
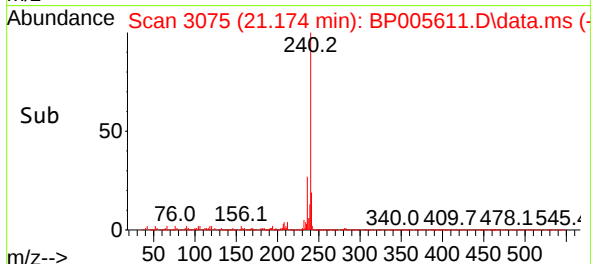
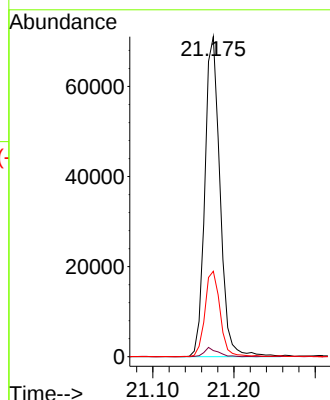
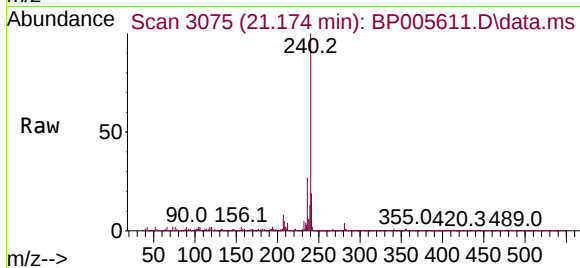
Tgt Ion:	240	Resp:	92099
Ion Ratio	Lower	Upper	
240	100		
120	1.9	4.2	6.2#
236	26.7	20.2	30.2

Instrument :

BNA_P

ClientSampleId :

TW-SB-2



#79

Terphenyl-d14

Concen: 27.71 ng

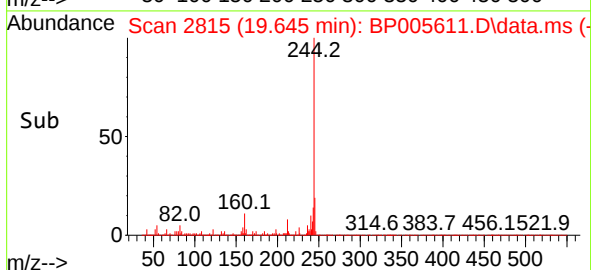
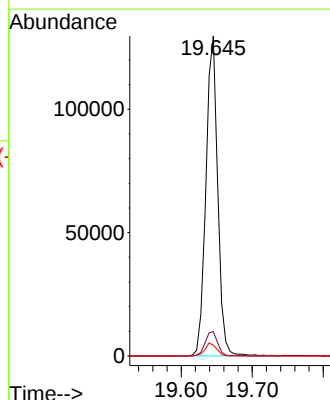
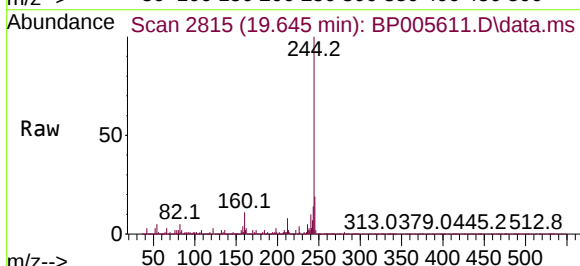
RT: 19.645 min Scan# 2815

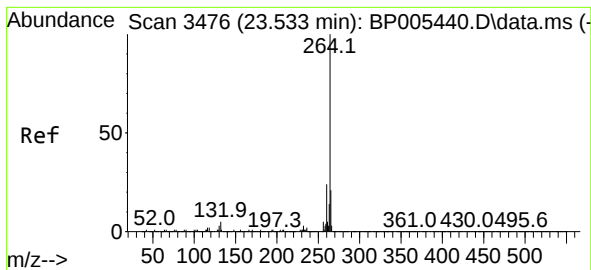
Delta R.T. -0.006 min

Lab File: BP005611.D

Acq: 19 May 2021 14:42

Tgt Ion:	244	Resp:	150250
Ion Ratio	Lower	Upper	
244	100		
212	7.6	5.8	8.6
122	3.4	5.2	7.8#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.468 min Scan# 3465
 Delta R.T. -0.006 min
 Lab File: BP005611.D
 Acq: 19 May 2021 14:42

Instrument :
 BNA_P
 ClientSampleId :
 TW-SB-2

Tgt Ion:264 Resp: 104627

Ion	Ratio	Lower	Upper
264	100		
260	24.5	20.6	30.8
265	21.3	19.0	28.6

