

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
 Data File : BP005555.D
 Acq On : 14 May 2021 18:41
 Operator : CG/JU
 Sample : M2367-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PV-SP1

Quant Time: May 14 22:56:03 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 12:01:17 2021
 Response via : Initial Calibration

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

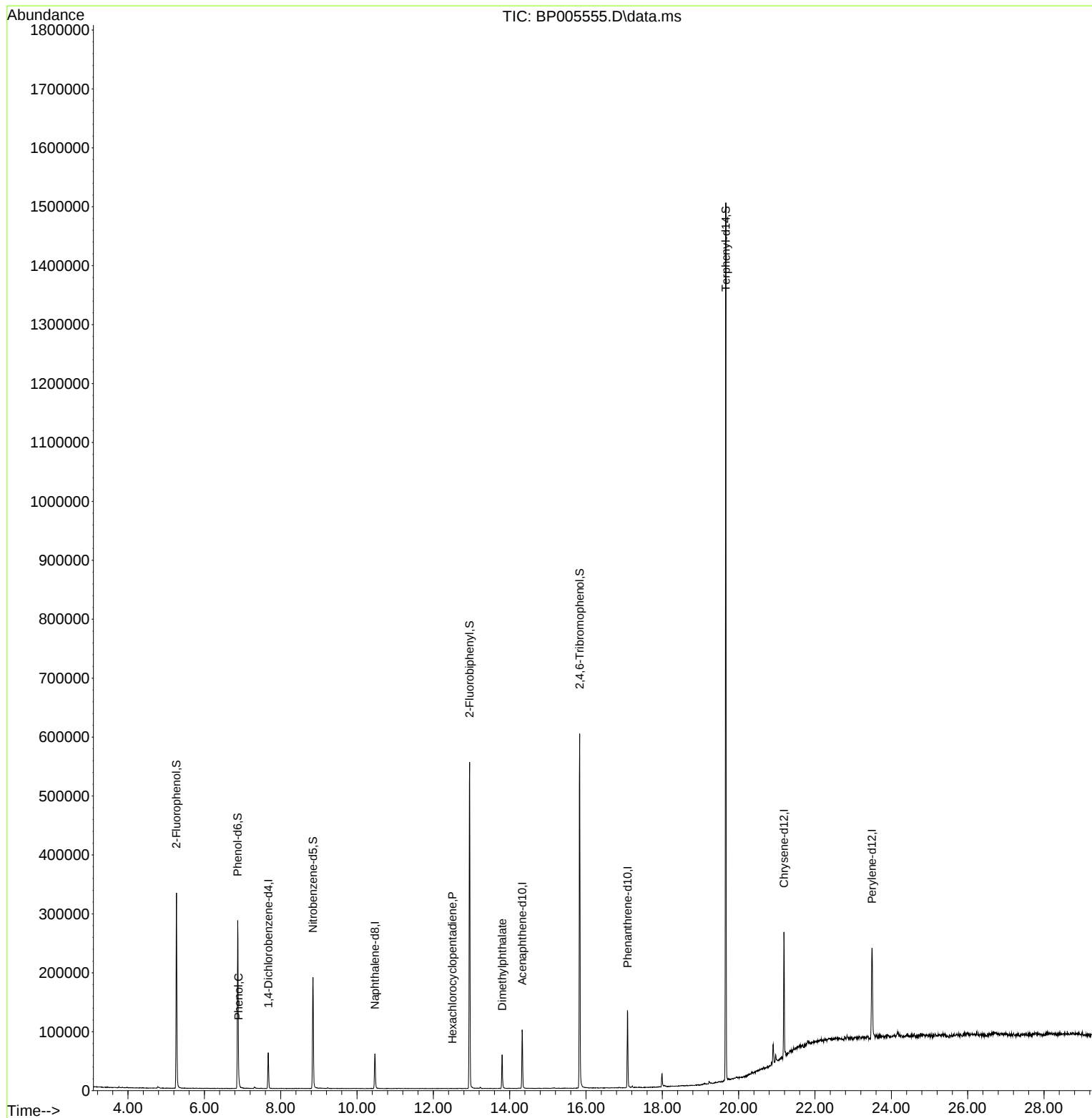
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	12616	20.00	ng	0.00
21) Naphthalene-d8	10.469	136	39053	20.00	ng	# 0.00
39) Acenaphthene-d10	14.328	164	30102	20.00	ng	0.00
64) Phenanthrene-d10	17.092	188	74199	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	100955	20.00	ng	# 0.00
86) Perylene-d12	23.492	264	122465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	100821	153.37	ng	0.00
7) Phenol-d6	6.875	99	115227	140.57	ng	0.00
23) Nitrobenzene-d5	8.846	82	96236	96.99	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	115041	134.67	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	243177	91.13	ng	0.00
79) Terphenyl-d14	19.663	244	572687	96.34	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.158	88	19	Below Cal	#	1
9) Benzaldehyde	6.881	77	563	Below Cal	#	1
10) Phenol	6.899	94	1987	2.42	ng	# 1
41) Hexachlorocyclopentadiene	12.498	237	6	7.88	ng	75
50) Dimethylphthalate	13.804	163	34868	13.42	ng	99

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

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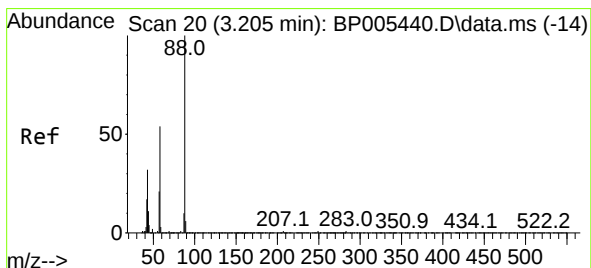
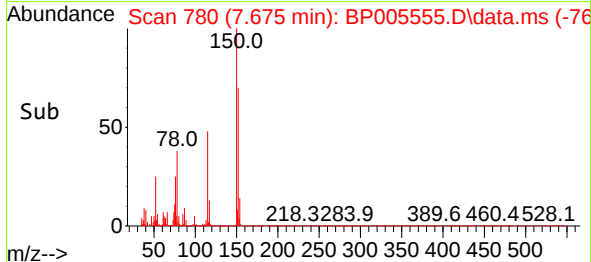
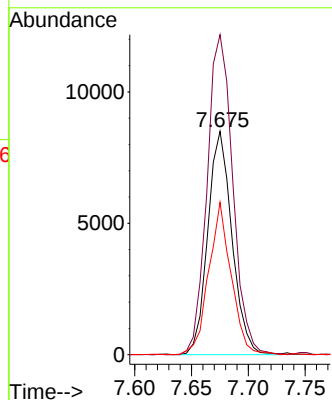
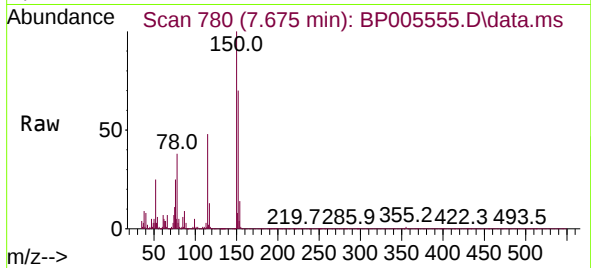




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.675 min Scan# 780
Delta R.T. 0.000 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

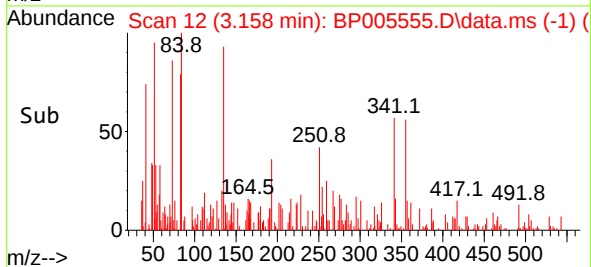
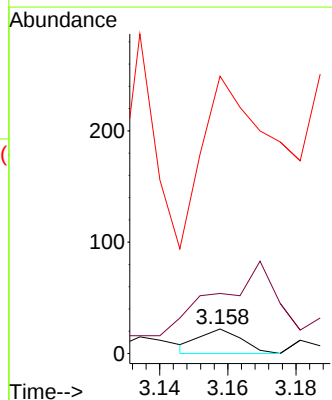
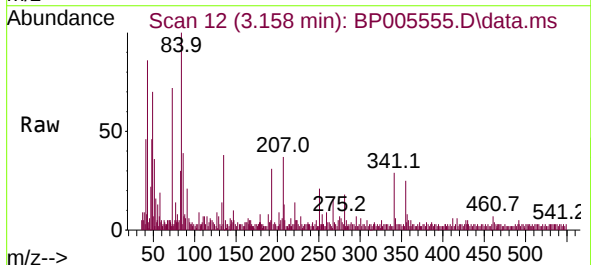
Instrument :
BNA_P
ClientSampleId :
PV-SP1

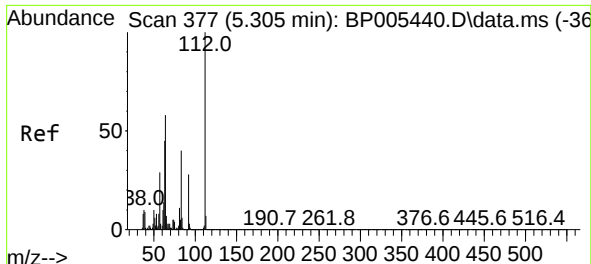
Tgt Ion:152 Resp: 12616
Ion Ratio Lower Upper
152 100
150 143.3 119.8 179.8
115 68.2 49.0 73.4



#2
1,4-Dioxane
Concen: Below Cal
RT: 3.158 min Scan# 12
Delta R.T. -0.000 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

Tgt Ion: 88 Resp: 19
Ion Ratio Lower Upper
88 100
58 557.9 42.5 63.7#
43 1205.3 19.8 29.8#

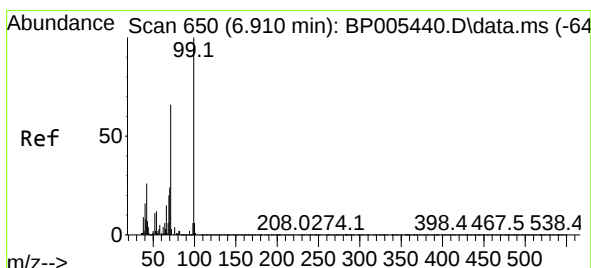
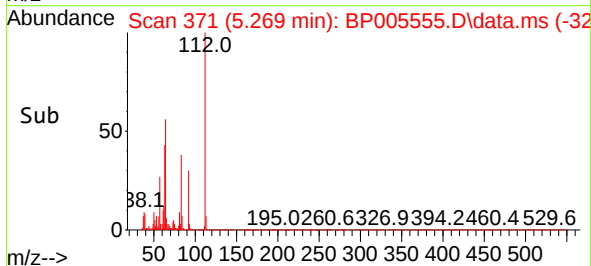
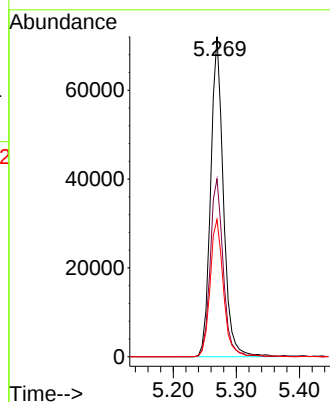
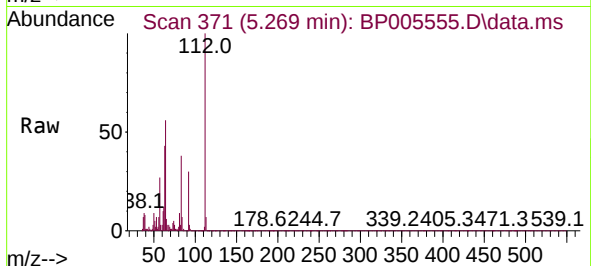




#5
2-Fluorophenol
Concen: 153.37 ng
RT: 5.269 min Scan# 371
Delta R.T. -0.000 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

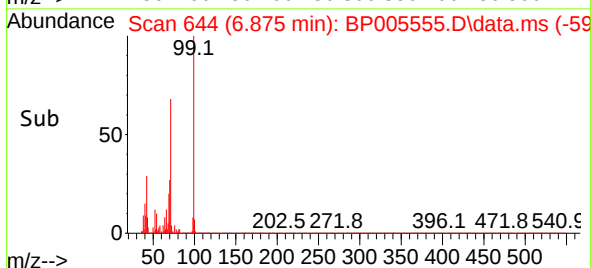
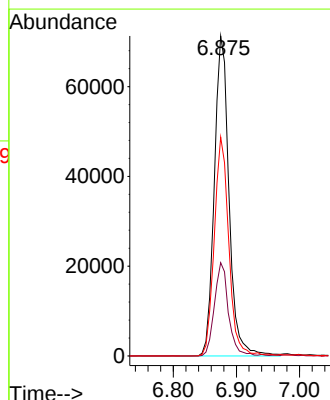
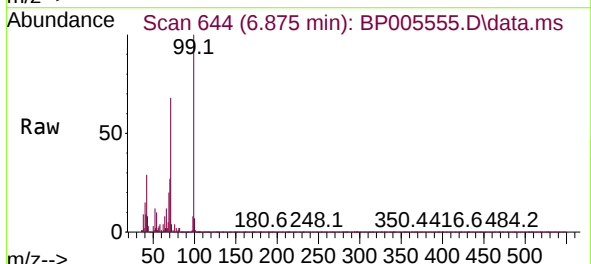
Instrument :
BNA_P
ClientSampleId :
PV-SP1

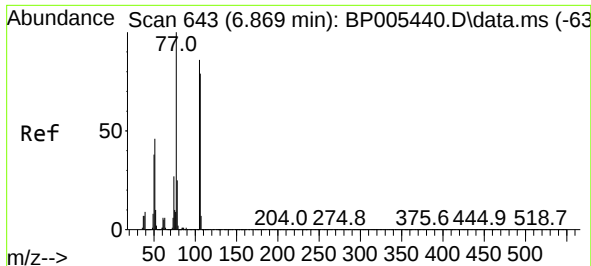
Tgt Ion:112 Resp: 100821
Ion Ratio Lower Upper
112 100
64 55.5 33.6 50.4#
63 42.9 18.6 27.8#



#7
Phenol-d6
Concen: 140.57 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

Tgt Ion: 99 Resp: 115227
Ion Ratio Lower Upper
99 100
42 29.1 12.9 19.3#
71 68.4 26.7 40.1#

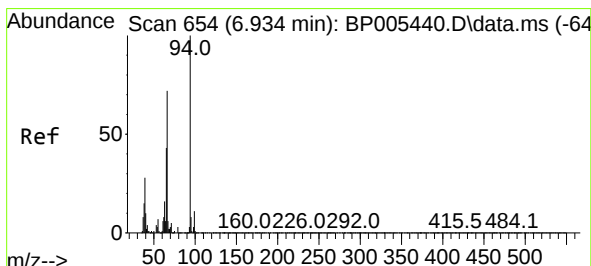
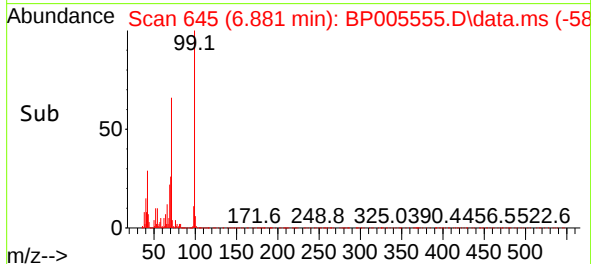
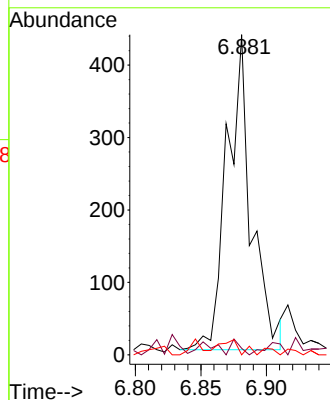
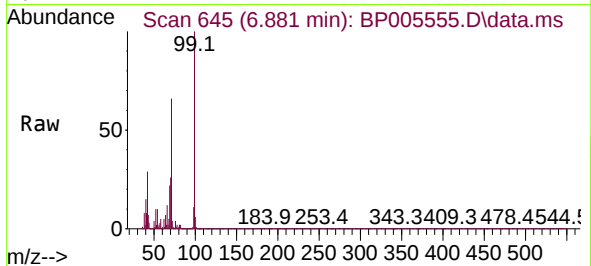




#9
Benzaldehyde
Concen: Below Cal
RT: 6.881 min Scan# 645
Delta R.T. 0.053 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

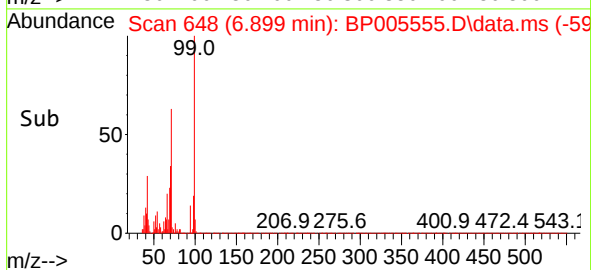
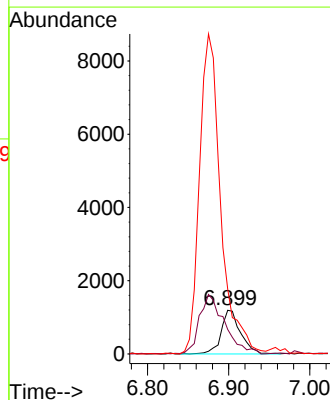
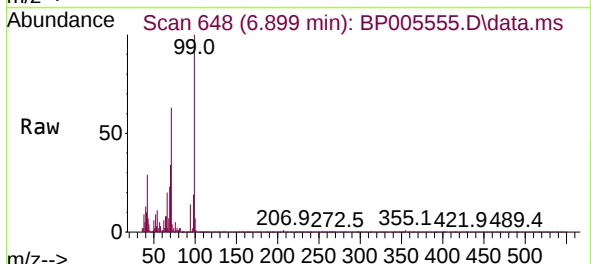
Instrument :
BNA_P
ClientSampleId :
PV-SP1

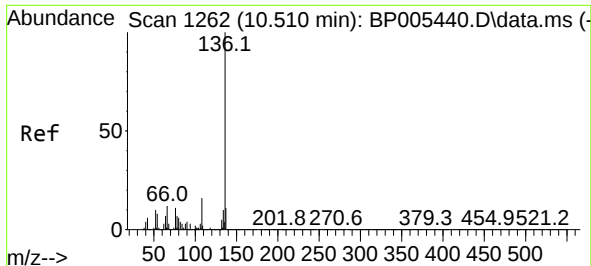
Tgt Ion: 77 Resp: 563
Ion Ratio Lower Upper
77 100
105 2.0 89.4 129.4#
106 0.0 79.9 119.9#



#10
Phenol
Concen: 2.42 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.006 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

Tgt Ion: 94 Resp: 1987
Ion Ratio Lower Upper
94 100
65 55.9 8.0 48.0#
66 148.3 17.3 57.3#

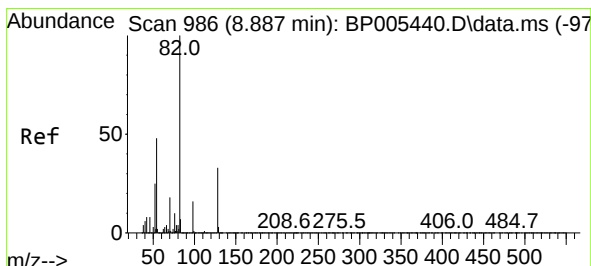
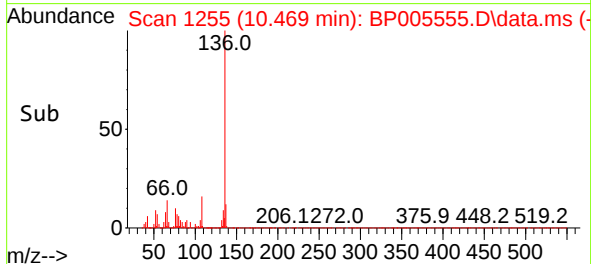
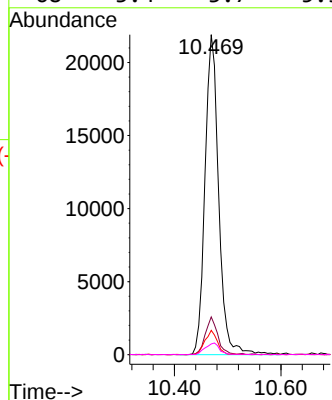
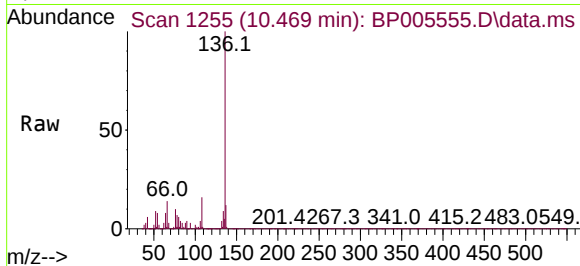




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.469 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

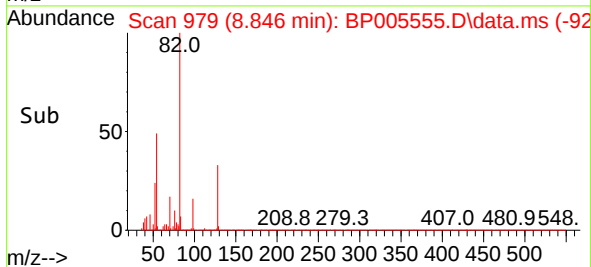
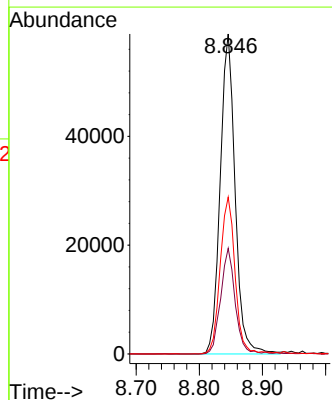
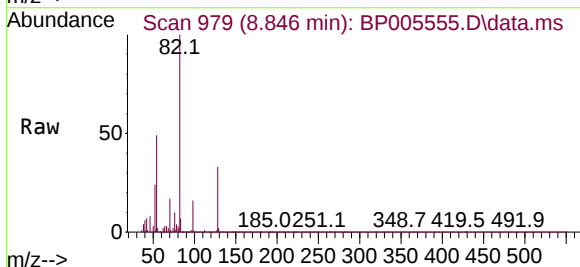
Instrument :
BNA_P
ClientSampleId :
PV-SP1

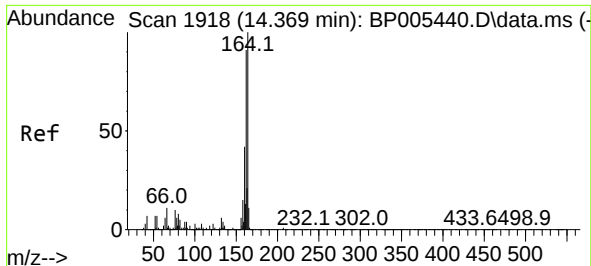
Tgt Ion:	136	Resp:	39053
Ion	Ratio	Lower	Upper
136	100		
137	11.8	8.9	13.3
54	7.6	5.0	7.4#
68	3.4	3.7	5.5#



#23
Nitrobenzene-d5
Concen: 96.99 ng
RT: 8.846 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

Tgt Ion:	82	Resp:	96236
Ion	Ratio	Lower	Upper
82	100		
128	33.0	30.5	45.7
54	49.0	33.9	50.9

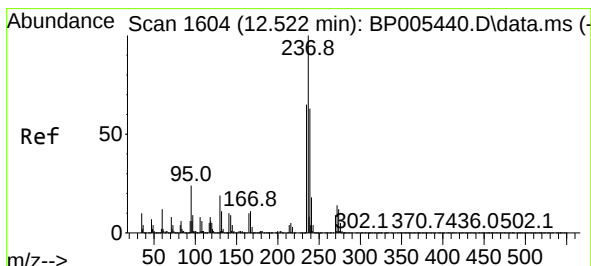
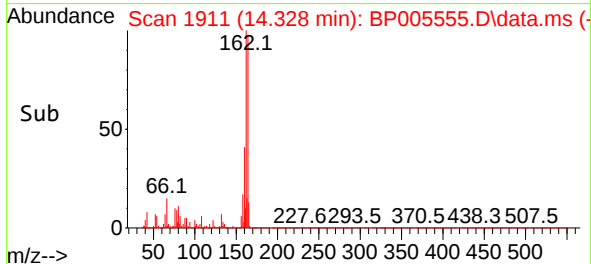
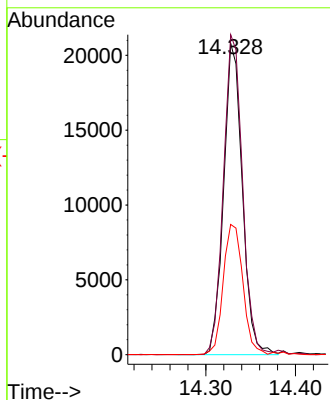
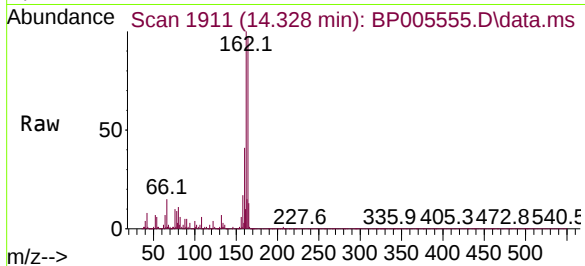




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

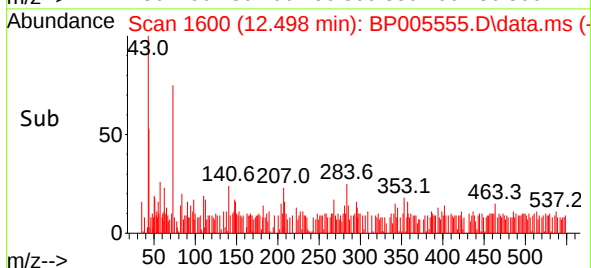
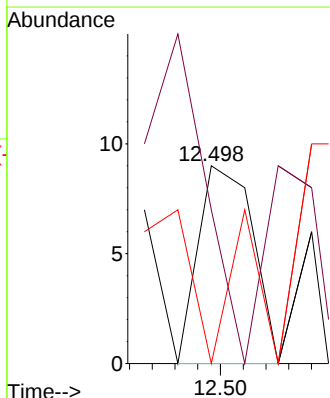
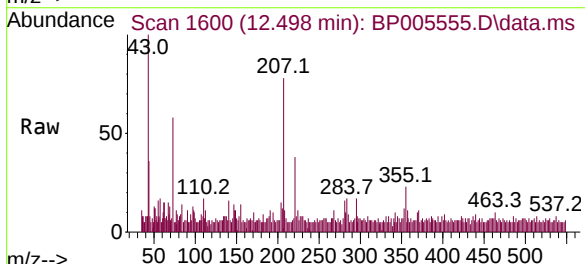
Instrument :
BNA_P
ClientSampleId :
PV-SP1

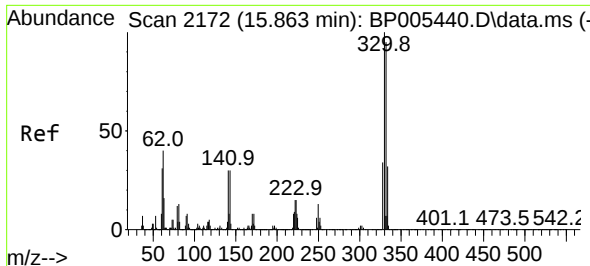
Tgt Ion:164	Resp:	30102
Ion Ratio	Lower	Upper
164	100	
162	102.8	73.5 110.3
160	41.9	40.6 61.0



#41
Hexachlorocyclopentadiene
Concen: 7.88 ng
RT: 12.498 min Scan# 1600
Delta R.T. 0.018 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

Tgt Ion:237	Resp:	6
Ion Ratio	Lower	Upper
237	100	
235	77.8	40.9 80.9
272	0.0	0.0 34.6

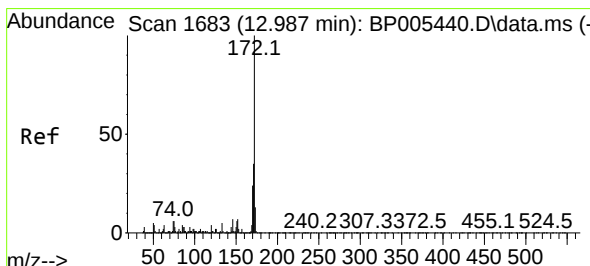
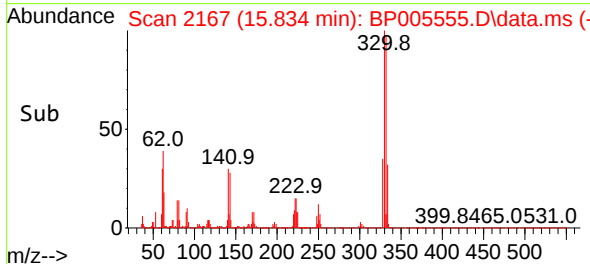
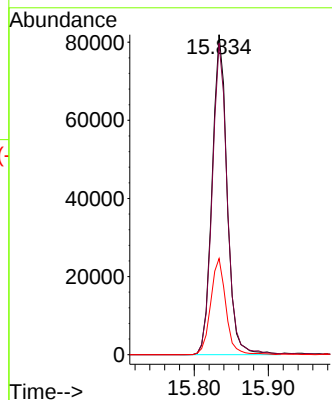
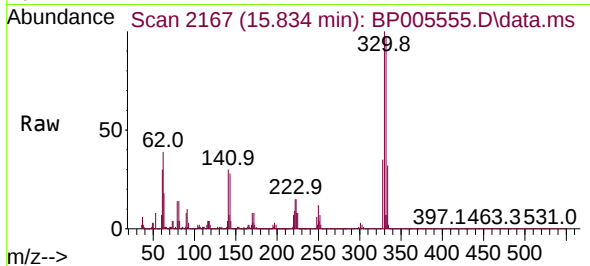




#42
2,4,6-Tribromophenol
Concen: 134.67 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

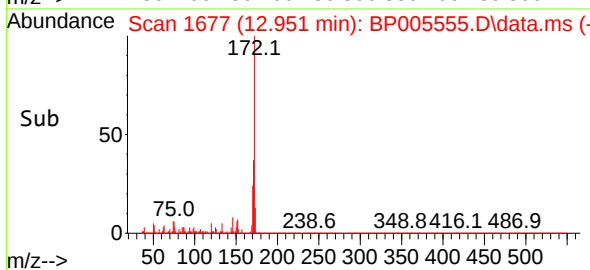
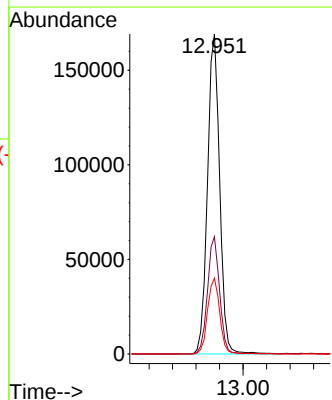
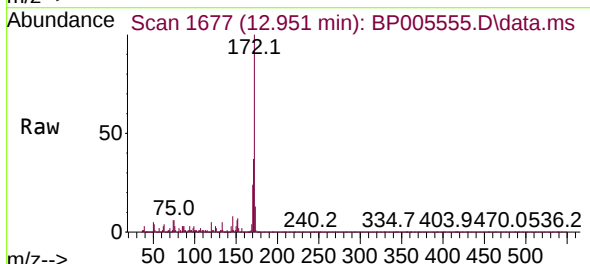
Instrument :
BNA_P
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PV-SP1

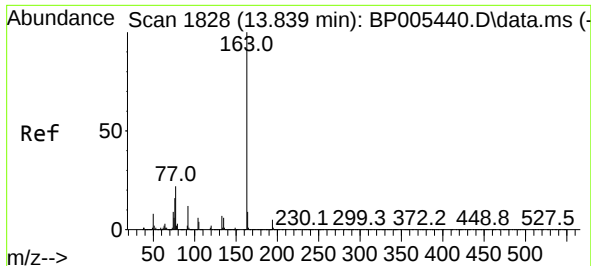
Tgt Ion:330 Resp: 115041
Ion Ratio Lower Upper
330 100
332 98.1 76.3 114.5
141 30.5 22.8 34.2



#45
2-Fluorobiphenyl
Concen: 91.13 ng
RT: 12.951 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

Tgt Ion:172 Resp: 243177
Ion Ratio Lower Upper
172 100
171 36.6 28.1 42.1
170 23.7 19.6 29.4

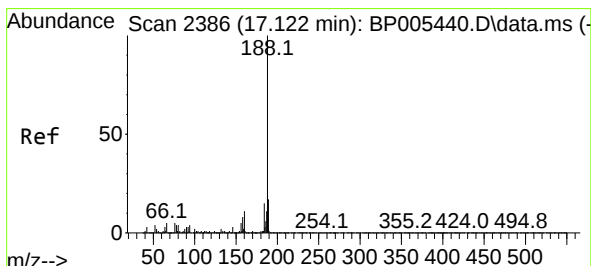
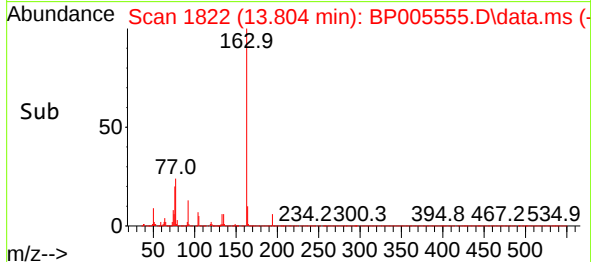
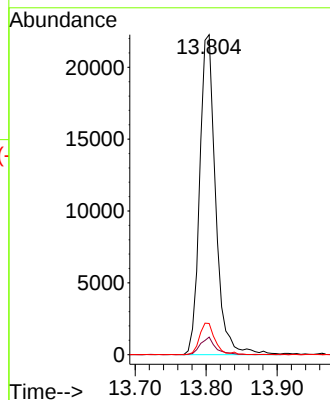
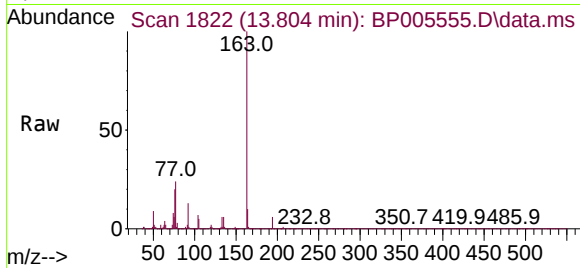




#50
Dimethylphthalate
Concen: 13.42 ng
RT: 13.804 min Scan# 1822
Delta R.T. -0.006 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

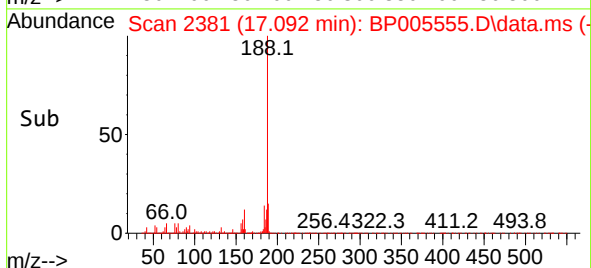
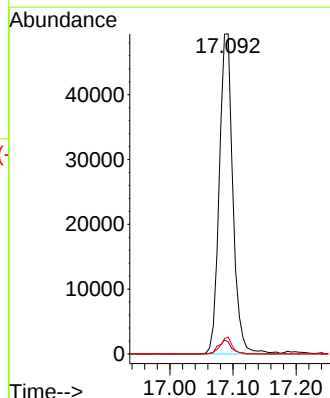
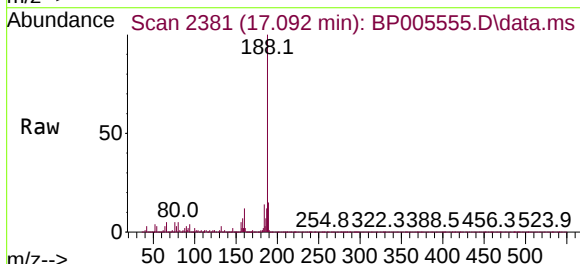
Instrument :
BNA_P
ClientSampleId :
PV-SP1

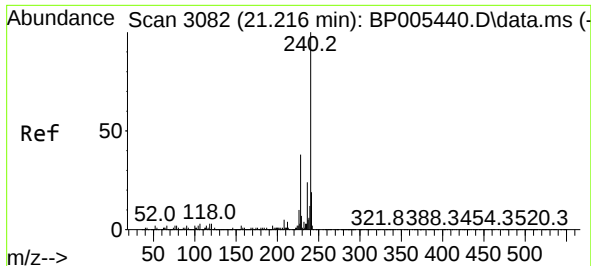
Tgt Ion:163 Resp: 34868
Ion Ratio Lower Upper
163 100
194 5.5 3.9 5.9
164 9.8 8.1 12.1



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.092 min Scan# 2381
Delta R.T. 0.006 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

Tgt Ion:188 Resp: 74199
Ion Ratio Lower Upper
188 100
94 3.8 5.0 7.6#
80 5.3 5.9 8.9#

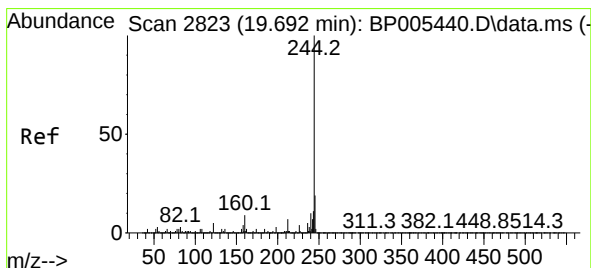
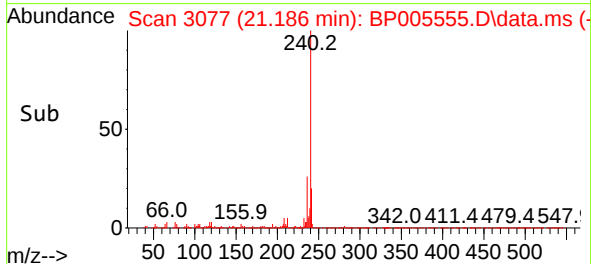
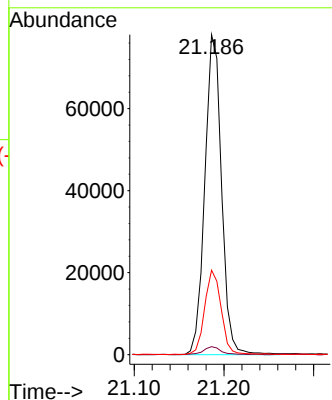
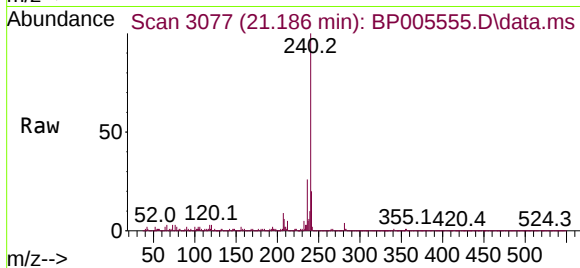




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.186 min Scan# 3077
Delta R.T. -0.006 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

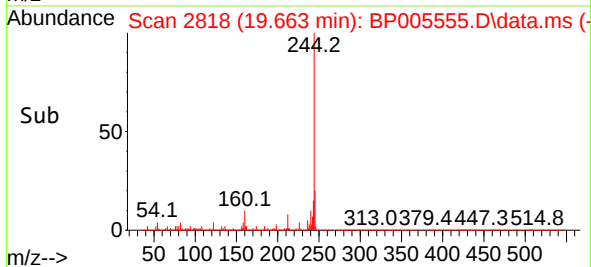
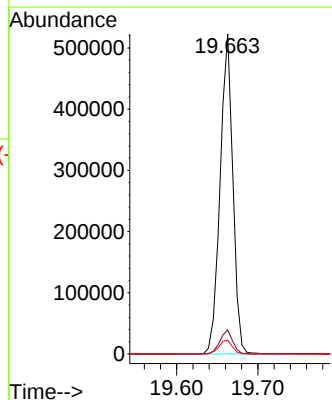
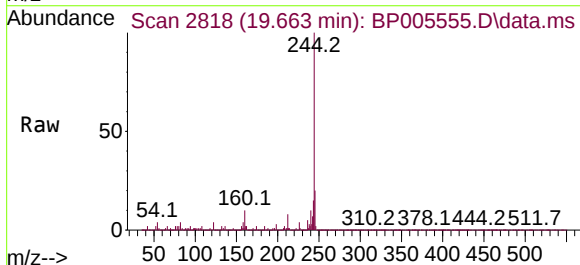
Instrument :
BNA_P
ClientSampleId :
PV-SP1

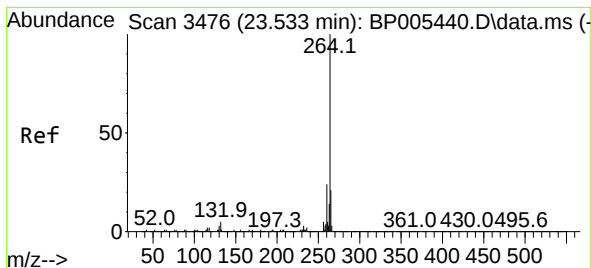
Tgt Ion:240 Resp: 100955
Ion Ratio Lower Upper
240 100
120 2.5 4.2 6.2#
236 26.4 20.2 30.2



#79
Terphenyl-d14
Concen: 96.34 ng
RT: 19.663 min Scan# 2818
Delta R.T. -0.000 min
Lab File: BP005555.D
Acq: 14 May 2021 18:41

Tgt Ion:244 Resp: 572687
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.6
122 4.3 5.2 7.8#





#86

Perylene-d12

Concen: 20.00 ng

RT: 23.492 min Scan# 3469

Delta R.T. -0.006 min

Lab File: BP005555.D

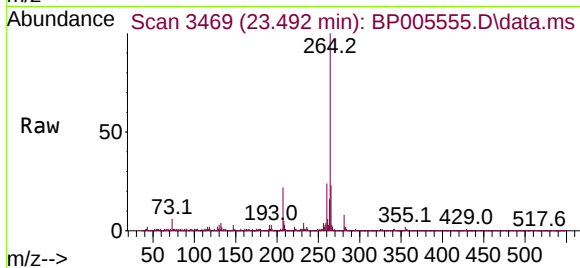
Acq: 14 May 2021 18:41

Instrument :

BNA_P

ClientSampleId :

PV-SP1



Tgt Ion:264 Resp: 122465

Ion Ratio Lower Upper

264 100

260 23.9 20.6 30.8

265 22.6 19.0 28.6

