

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032221\
 Data File : BP005019.D
 Acq On : 22 Mar 2021 17:40
 Operator : CG/JU
 Sample : PB135220BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB135220BL

Quant Time: Mar 22 18:09:13 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP032221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 22 17:08:54 2021
 Response via : Initial Calibration

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

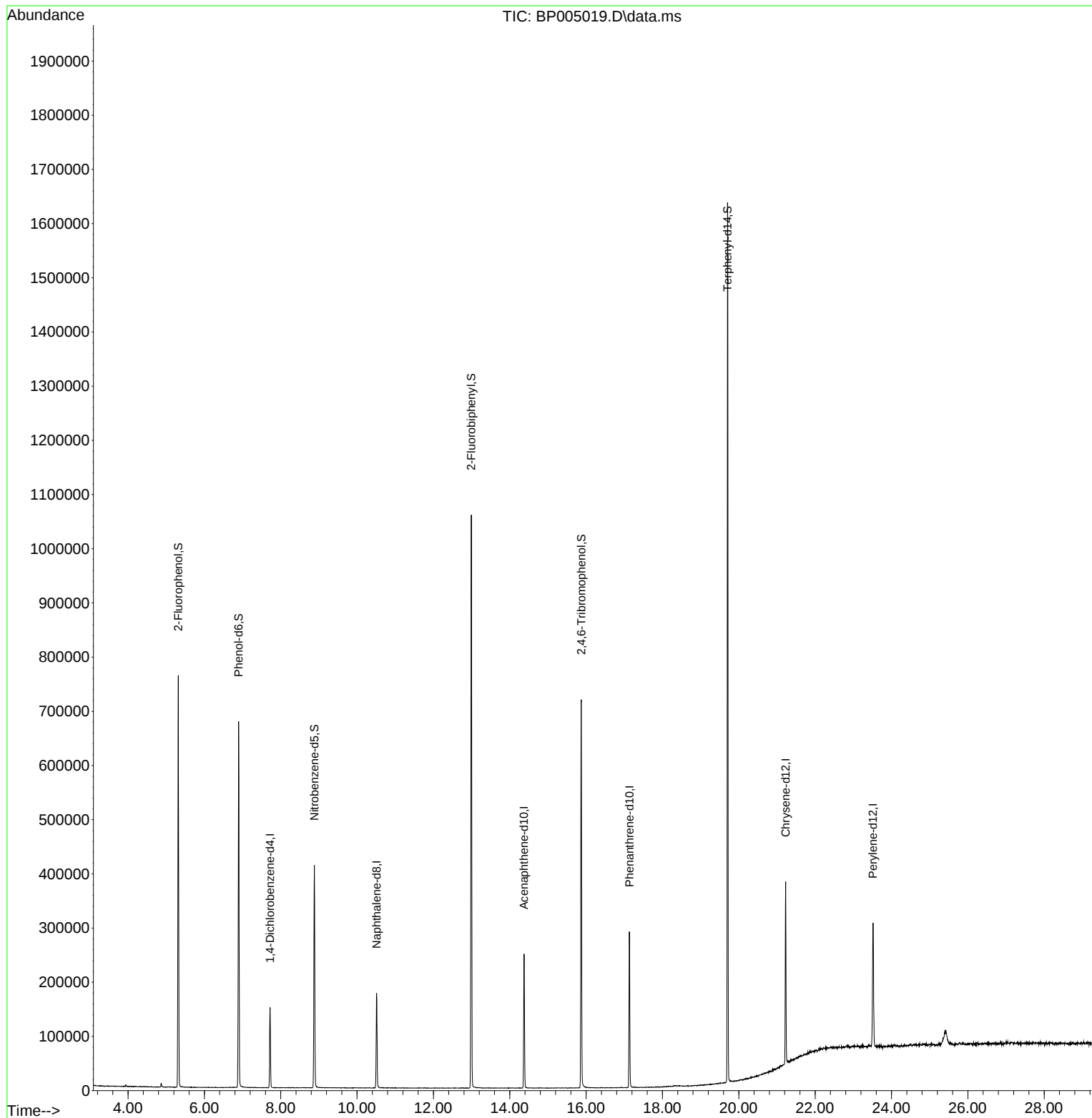
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	38943	20.00	ng	0.00
21) Naphthalene-d8	10.510	136	150186	20.00	ng	# 0.00
39) Acenaphthene-d10	14.375	164	86086	20.00	ng	0.00
64) Phenanthrene-d10	17.133	188	163053	20.00	ng	0.00
76) Chrysene-d12	21.227	240	153370	20.00	ng	0.00
86) Perylene-d12	23.515	264	165757	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	317819	128.92	ng	0.00
7) Phenol-d6	6.899	99	378866	113.13	ng	0.00
23) Nitrobenzene-d5	8.881	82	234440	83.10	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	131670	108.30	ng	0.00
45) 2-Fluorobiphenyl	12.993	172	512720	81.66	ng	0.00
79) Terphenyl-d14	19.704	244	700679	83.13	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	111	Below Cal	#	1
9) Benzaldehyde	6.899	77	800	Below Cal	#	1

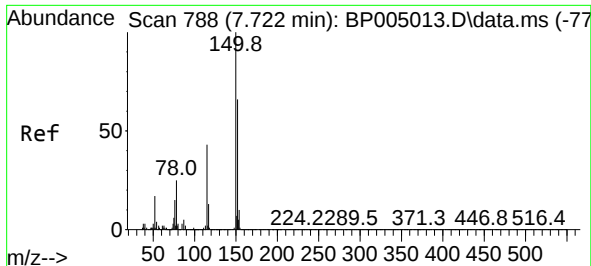
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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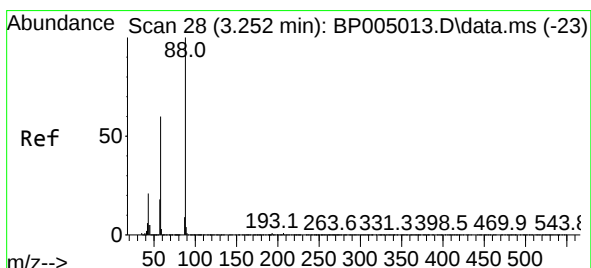
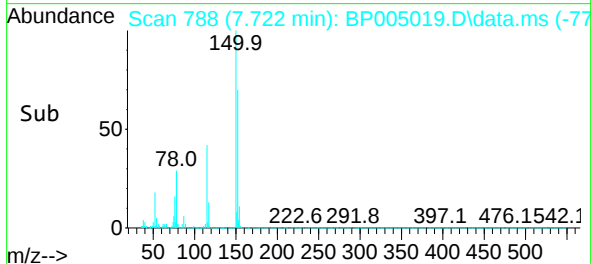
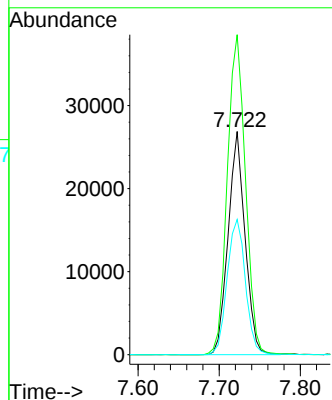
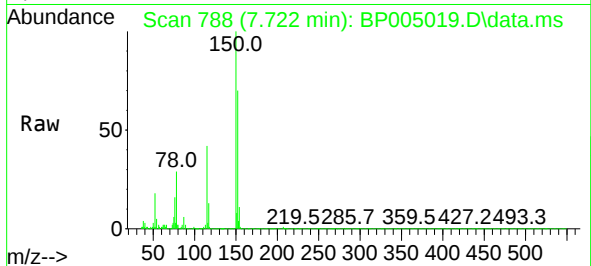




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.722 min Scan# 788
 Delta R.T. 0.000 min
 Lab File: BP005019.D
 Acq: 22 Mar 2021 17:40

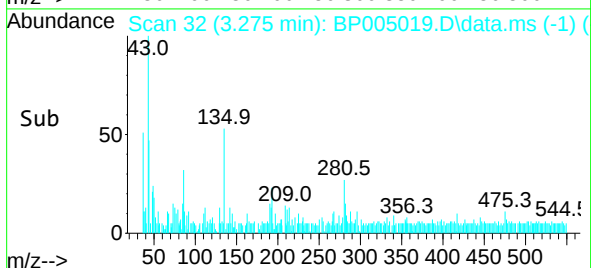
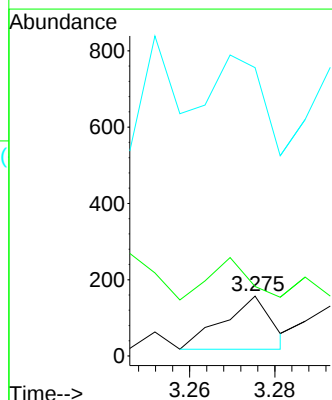
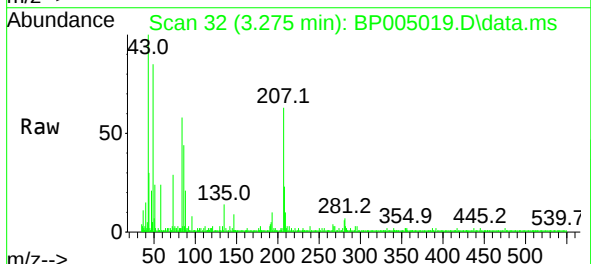
Instrument :
 BNA_P
 ClientSampleId :
 PB135220BL

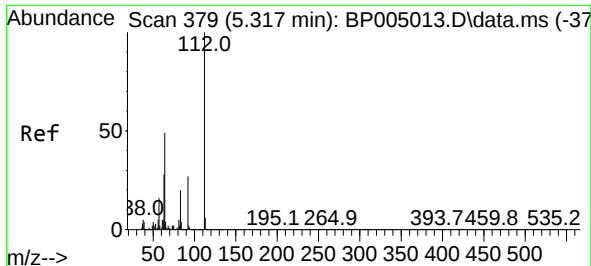
Tgt Ion:152 Resp: 38943
 Ion Ratio Lower Upper
 152 100
 150 143.4 123.8 185.6
 115 60.6 43.8 65.6



#2
 1,4-Dioxane
 Concen: Below Cal
 RT: 3.275 min Scan# 32
 Delta R.T. 0.023 min
 Lab File: BP005019.D
 Acq: 22 Mar 2021 17:40

Tgt Ion: 88 Resp: 111
 Ion Ratio Lower Upper
 88 100
 58 168.5 44.2 66.4#
 43 157.7 15.2 22.8#

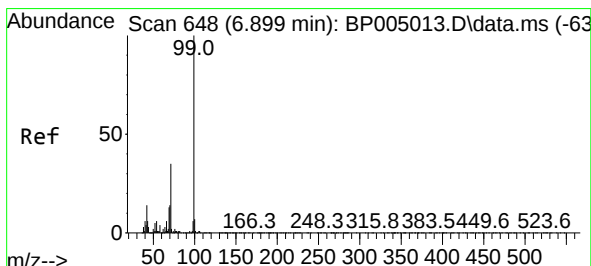
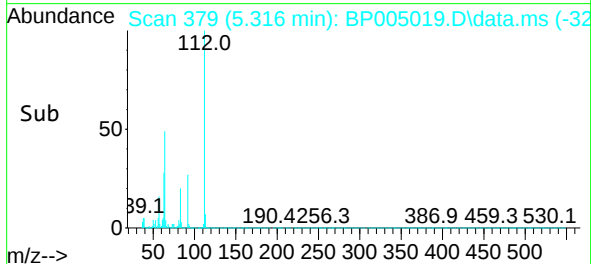
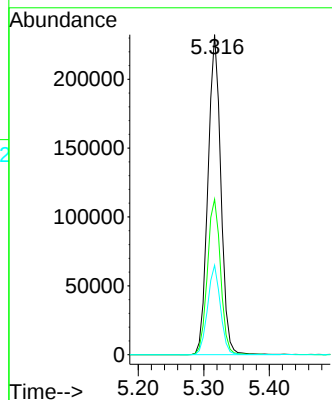
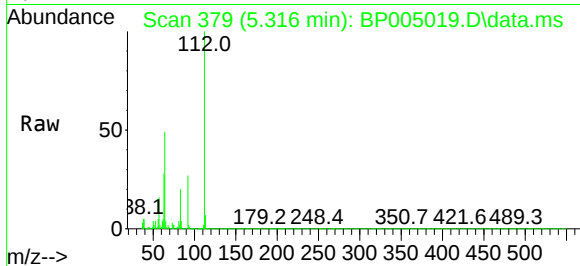




#5
2-Fluorophenol
Concen: 128.92 ng
RT: 5.316 min Scan# 379
Delta R.T. -0.000 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

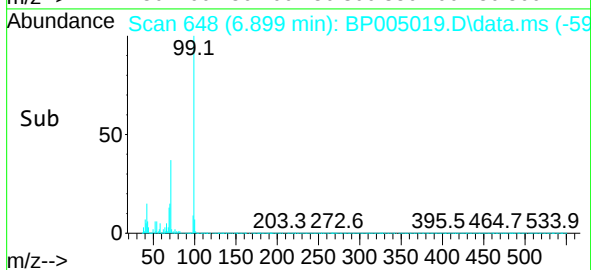
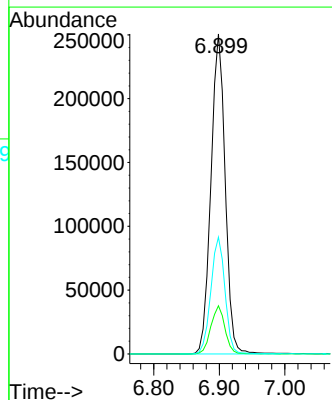
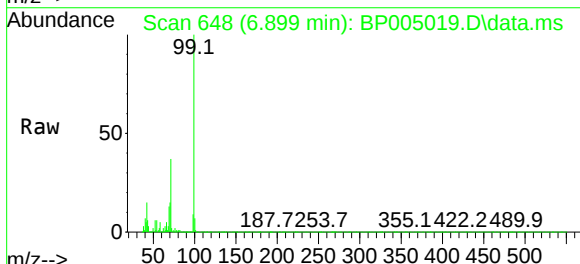
Instrument :
BNA_P
ClientSampleId :
PB135220BL

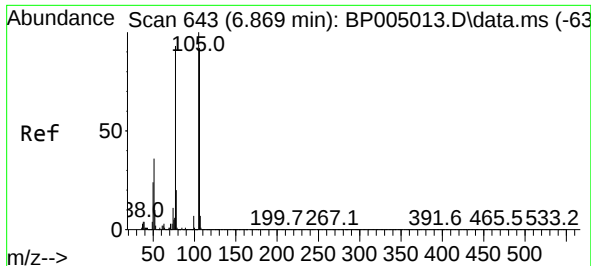
Tgt Ion:112 Resp: 317819
Ion Ratio Lower Upper
112 100
64 48.6 32.8 49.2
63 28.0 17.0 25.4#



#7
Phenol-d6
Concen: 113.13 ng
RT: 6.899 min Scan# 648
Delta R.T. -0.000 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

Tgt Ion: 99 Resp: 378866
Ion Ratio Lower Upper
99 100
42 15.0 8.6 13.0#
71 36.5 23.4 35.2#

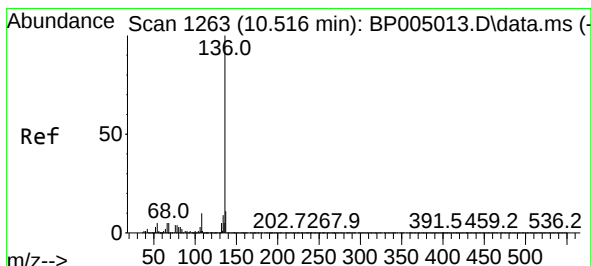
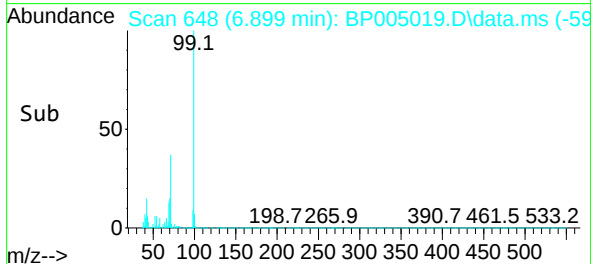
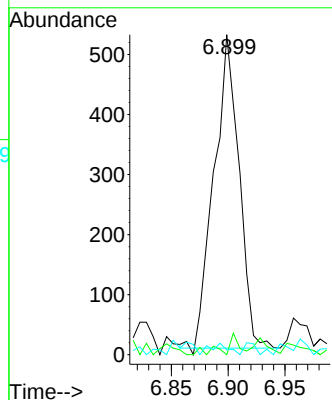
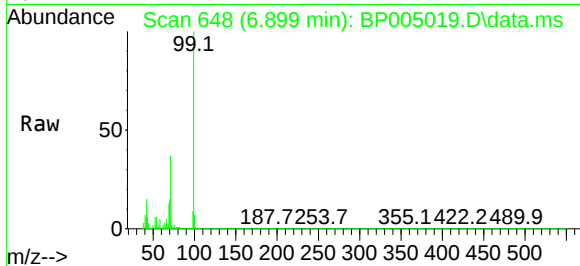




#9
Benzaldehyde
Concen: Below Cal
RT: 6.899 min Scan# 648
Delta R.T. 0.030 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

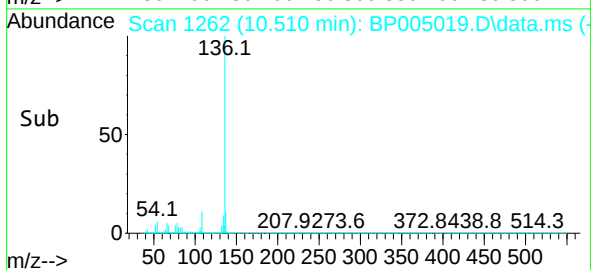
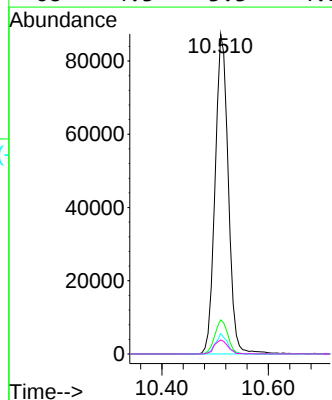
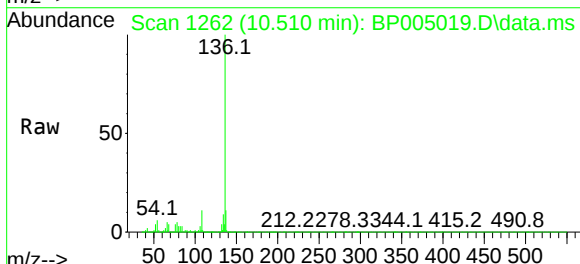
Instrument :
BNA_P
ClientSampleId :
PB135220BL

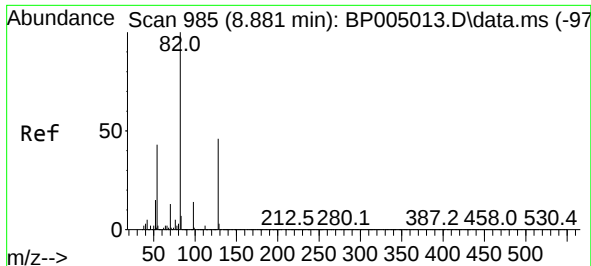
Tgt Ion: 77 Resp: 800
Ion Ratio Lower Upper
77 100
105 0.0 97.1 137.1#
106 1.5 93.7 133.7#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.510 min Scan# 1262
Delta R.T. -0.006 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

Tgt Ion: 136 Resp: 150186
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.3 3.6 5.4#
68 4.3 3.3 4.9

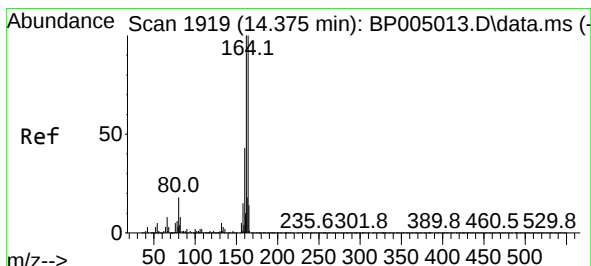
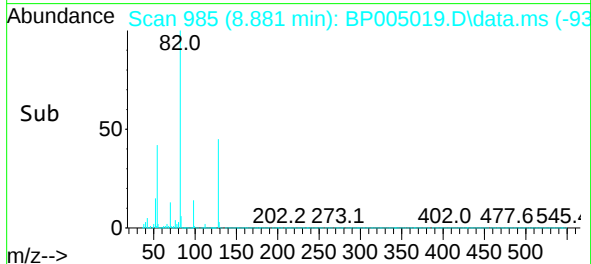
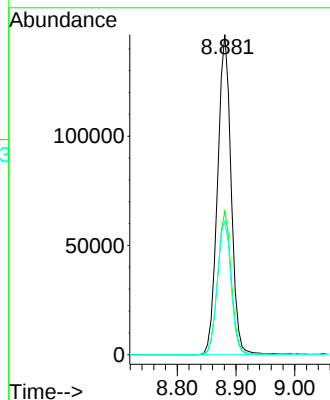
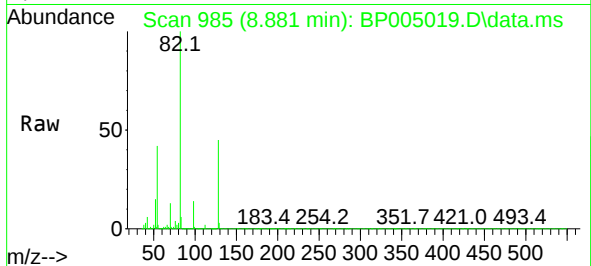




#23
Nitrobenzene-d5
Concen: 83.10 ng
RT: 8.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

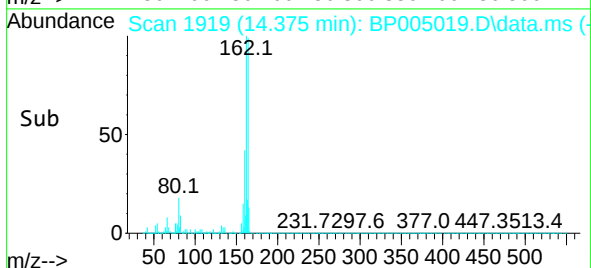
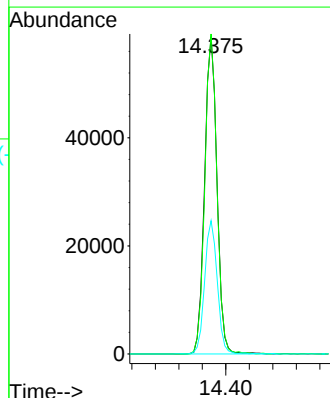
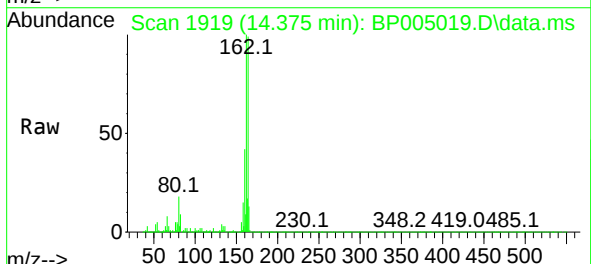
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ClientSampleId :
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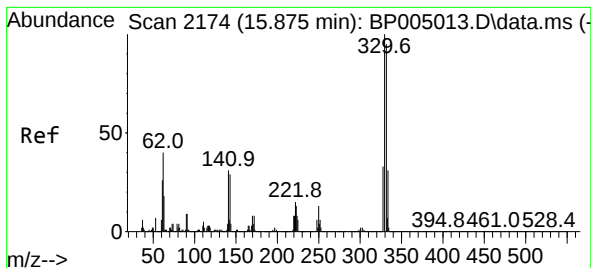
Tgt Ion: 82 Resp: 234440
Ion Ratio Lower Upper
82 100
128 44.8 45.6 68.4#
54 41.8 30.1 45.1



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.375 min Scan# 1919
Delta R.T. -0.000 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

Tgt Ion: 164 Resp: 86086
Ion Ratio Lower Upper
164 100
162 100.8 79.4 119.2
160 42.0 36.1 54.1

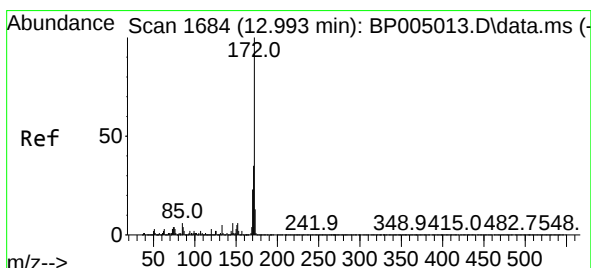
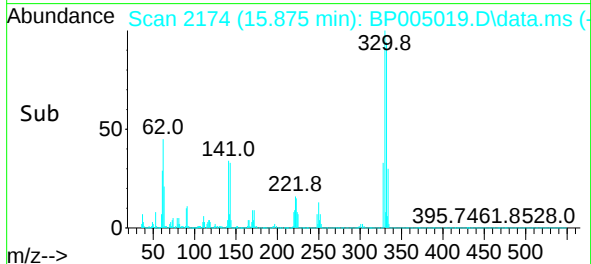
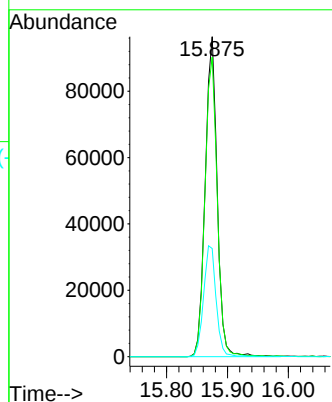
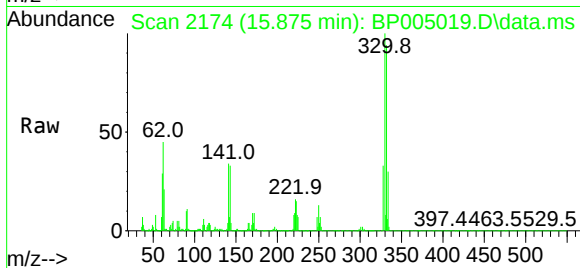




#42
2,4,6-Tribromophenol
Concen: 108.30 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.000 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

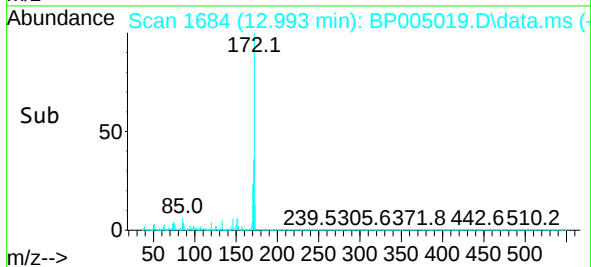
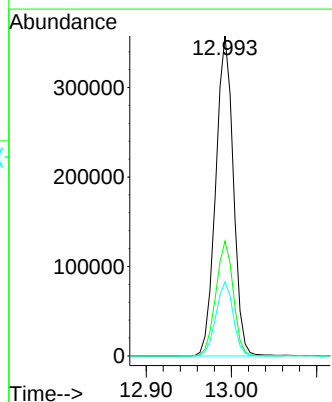
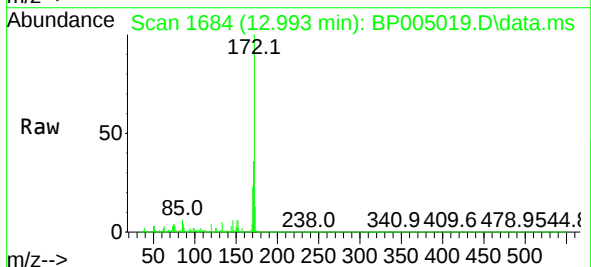
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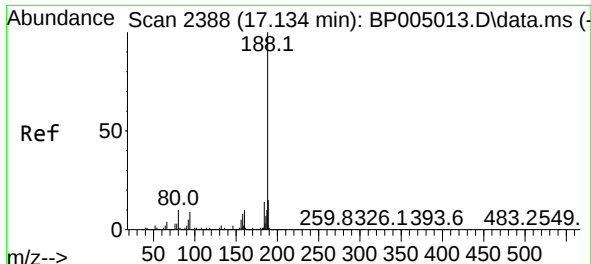
Tgt Ion:330 Resp: 131670
Ion Ratio Lower Upper
330 100
332 95.9 77.1 115.7
141 36.4 23.4 35.2#



#45
2-Fluorobiphenyl
Concen: 81.66 ng
RT: 12.993 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

Tgt Ion:172 Resp: 512720
Ion Ratio Lower Upper
172 100
171 35.9 28.5 42.7
170 23.2 19.2 28.8

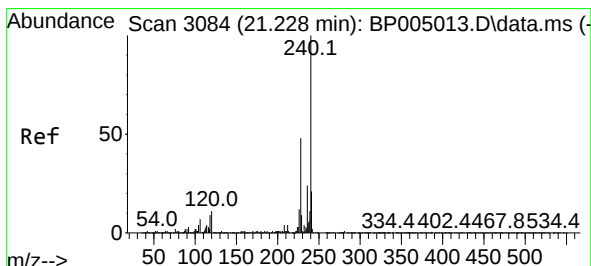
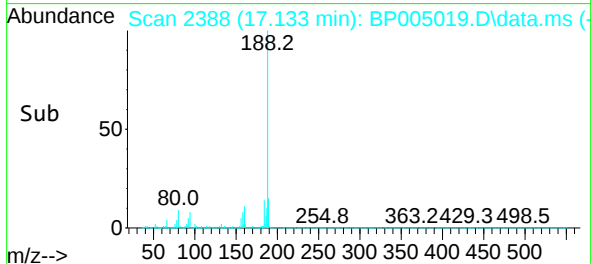
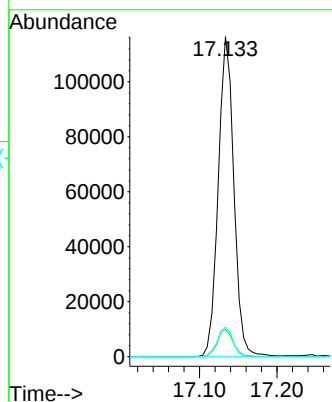
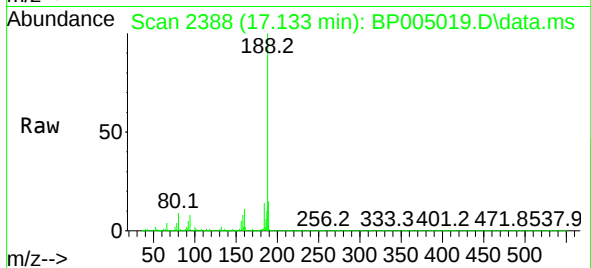




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

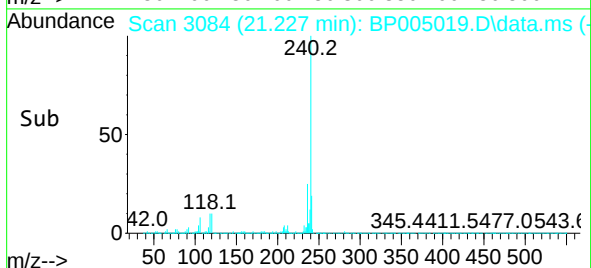
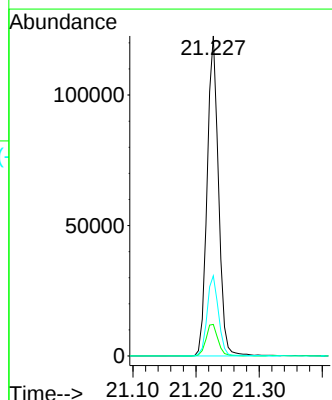
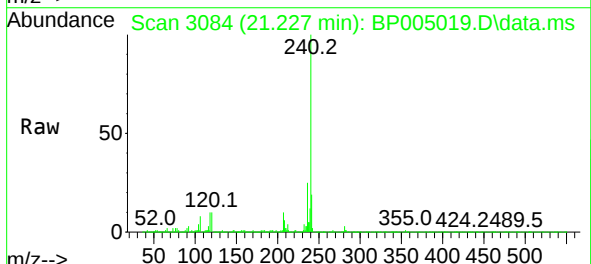
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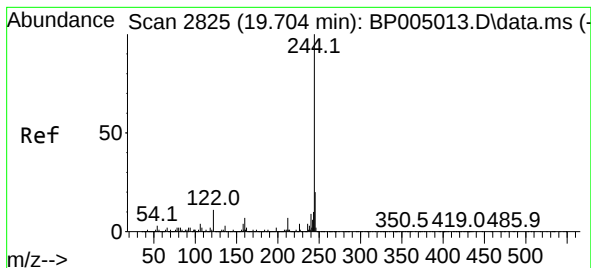
Tgt Ion:188 Resp: 163053
Ion Ratio Lower Upper
188 100
94 8.5 6.2 9.2
80 9.2 6.2 9.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.227 min Scan# 3084
Delta R.T. -0.000 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

Tgt Ion:240 Resp: 153370
Ion Ratio Lower Upper
240 100
120 9.8 7.8 11.6
236 25.0 20.8 31.2

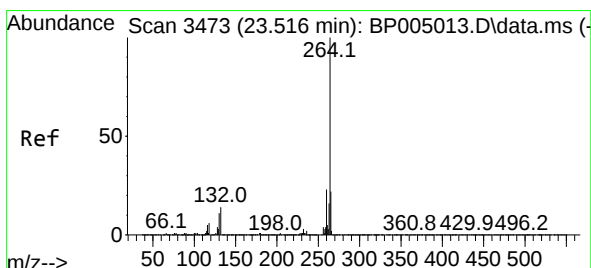
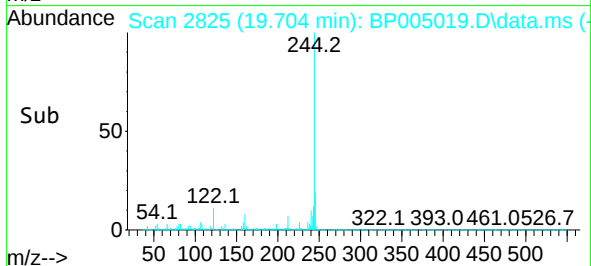
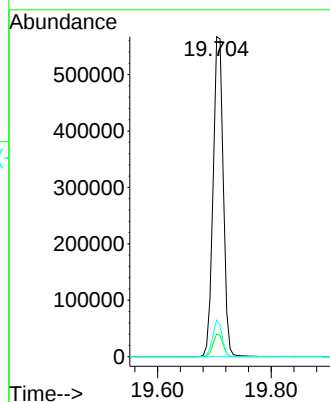
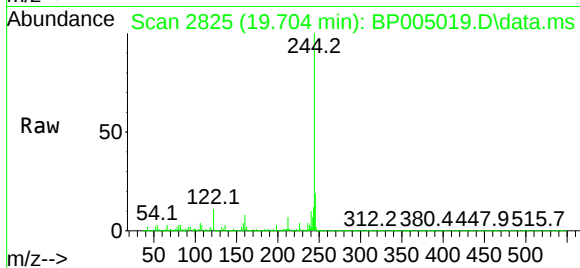




#79
Terphenyl-d14
Concen: 83.13 ng
RT: 19.704 min Scan# 2825
Delta R.T. -0.000 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

Instrument :
BNA_P
ClientSampleId :
PB135220BL

Tgt Ion:244 Resp: 700679
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.6
122 11.4 7.8 11.8



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.000 min
Lab File: BP005019.D
Acq: 22 Mar 2021 17:40

Tgt Ion:264 Resp: 165757
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 21.5 17.4 26.2

