

Data File : BP001519.D
Acq On : 03 Jan 2020 21:47
Operator : JU
Sample : K6482-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123119-BD

Quant Time: Jan 04 03:00:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP010320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 03 15:57:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	67969	20.00	ng	0.00
21) Naphthalene-d8	10.48	136	241855	20.00	ng	0.00
39) Acenaphthene-d10	14.33	164	146511	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	322218	20.00	ng	0.00
76) Chrysene-d12	21.19	240	293709	20.00	ng	-0.01
87) Perylene-d12	23.45	264	324978	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	393505	97.26	ng	0.04
7) Phenol-d6	6.92	99	528342	96.96	ng	0.04
23) Nitrobenzene-d5	8.85	82	312669	63.85	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	164225	99.04	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	617292	61.95	ng	-0.01
79) Terphenyl-d14	19.68	244	909812	61.73	ng	0.00

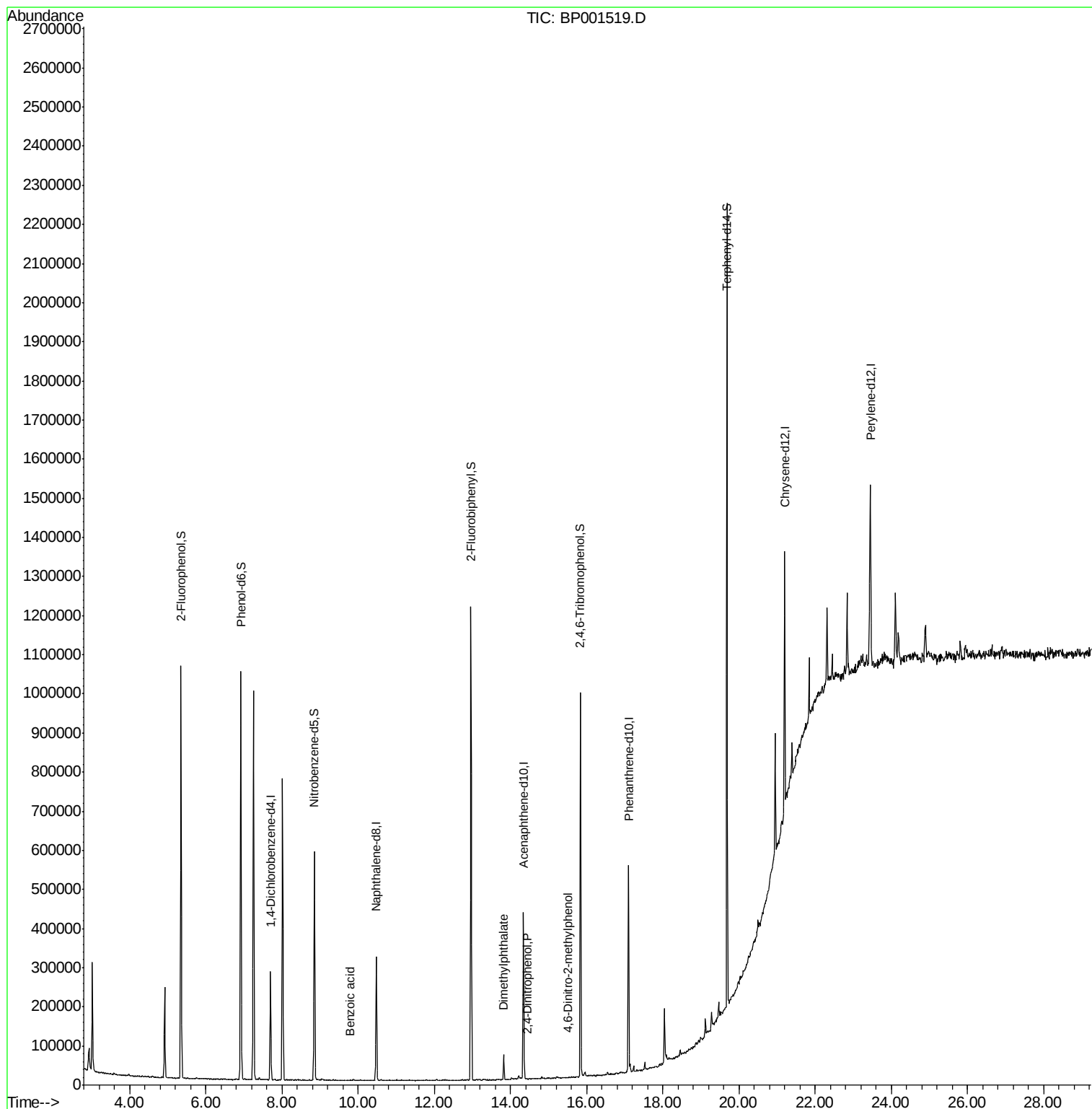
Target Compounds				Qvalue		
9) Benzaldehyde	6.86	77	104	Below Cal	#	54
32) Benzoic acid	9.78	122	143	7.822 ng	#	82
50) Dimethylphthalate	13.82	163	36698	3.204 ng	#	98
54) 2,4-Dinitrophenol	14.43	184	6	6.455 ng	#	1
65) 4,6-Dinitro-2-methylphenol	15.50	198	22	5.885 ng	#	1

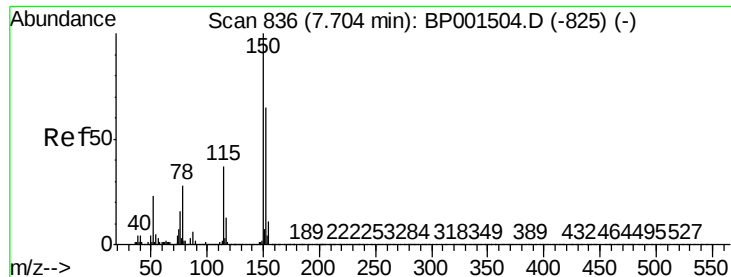
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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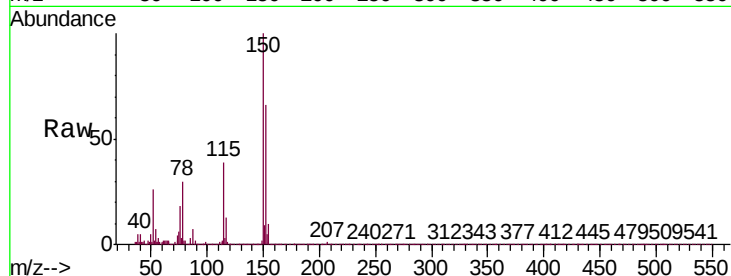


#1

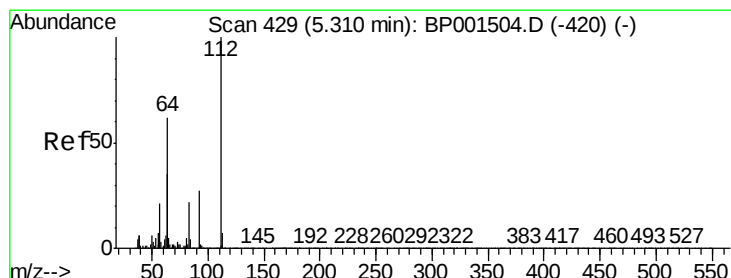
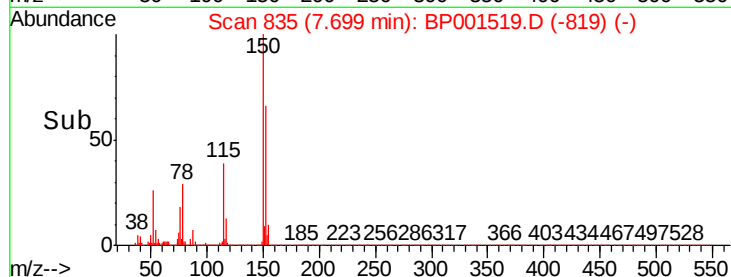
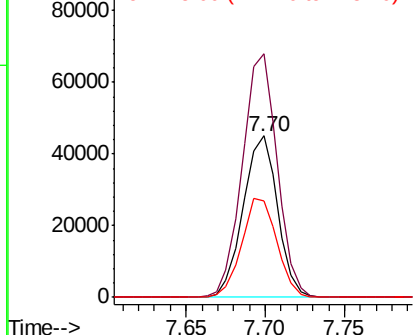
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BP001519.D
Acq: 03 Jan 2020 21:47

Instrument :
BNA_P
ClientSampleId :
MC-123119-BD

Tgt Ion	Ratio	Lower	Upper
152	100		
150	150.8	123.6	185.4
115	59.4	45.8	68.6



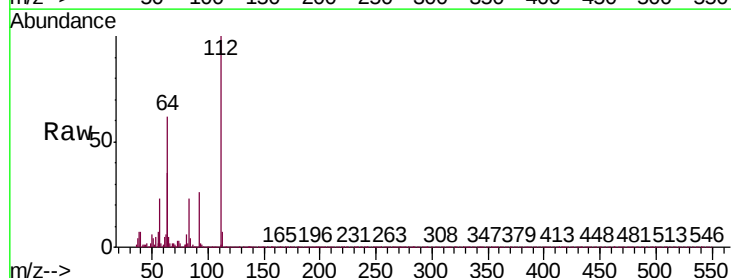
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



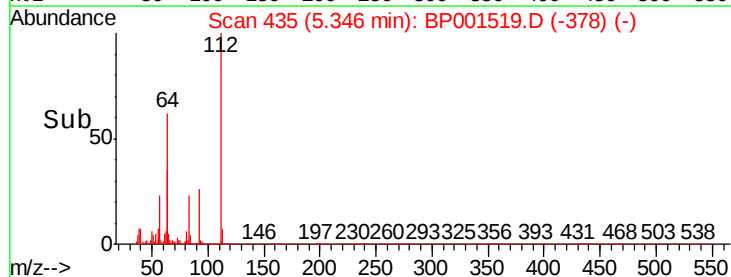
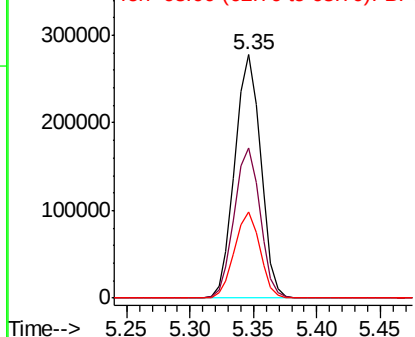
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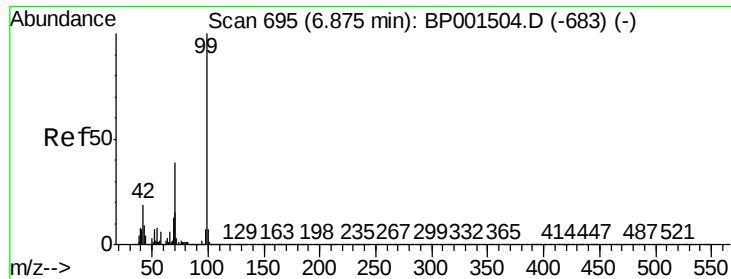
2-Fluorophenol
Concen: 97.264 ng
RT: 5.35 min Scan# 435
Delta R.T. 0.04 min
Lab File: BP001519.D
Acq: 03 Jan 2020 21:47

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	49.7	74.5
63	35.2	28.1	42.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 96.956 ng

RT: 6.92 min Scan# 702

Delta R.T. 0.04 min

Lab File: BP001519.D

Acq: 03 Jan 2020 21:47

Instrument :

BNA_P

ClientSampleId :

MC-123119-BD

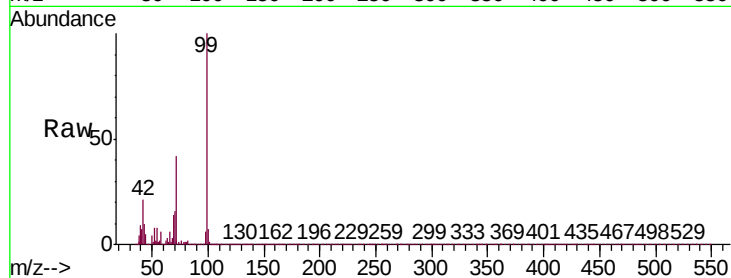
Tgt Ion: 99 Resp: 528342

Ion Ratio Lower Upper

99 100

42 21.0 15.3 22.9

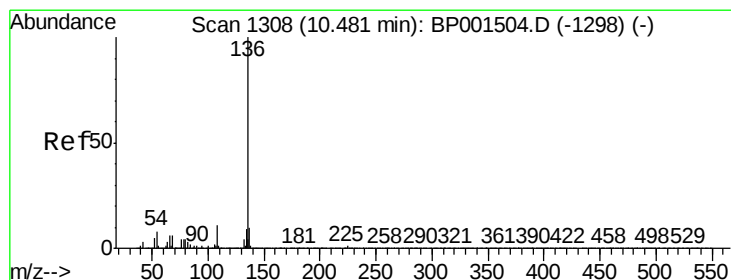
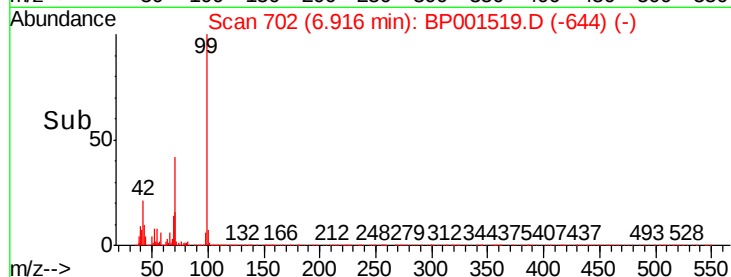
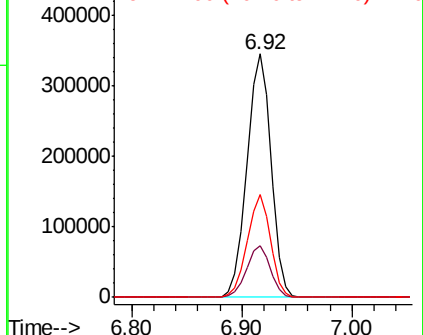
71 42.5 30.9 46.3



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.48 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BP001519.D

Acq: 03 Jan 2020 21:47

Tgt Ion: 136 Resp: 241855

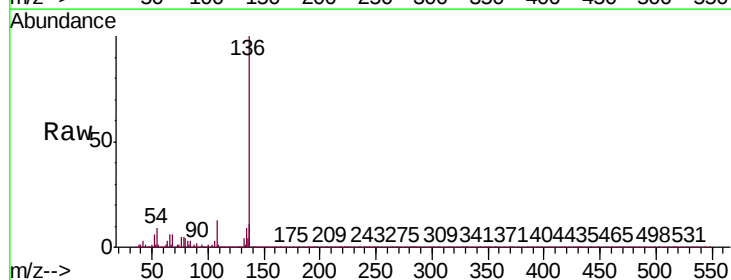
Ion Ratio Lower Upper

136 100

137 10.8 8.3 12.5

54 8.6 6.7 10.1

68 5.9 4.4 6.6

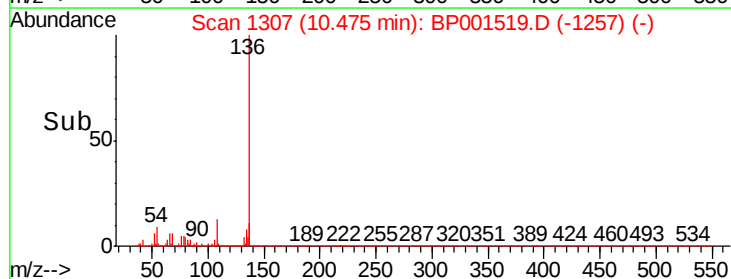
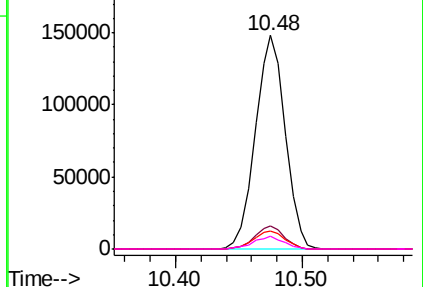


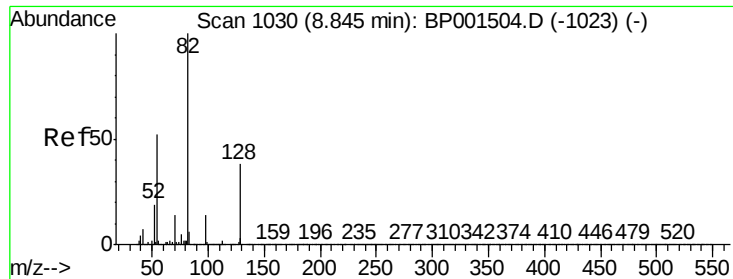
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BP0

Ion 68.00 (67.70 to 68.70): BP0

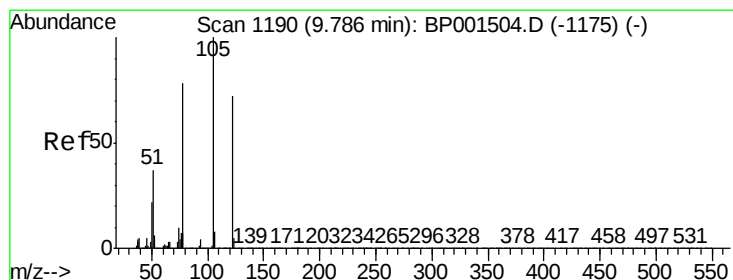
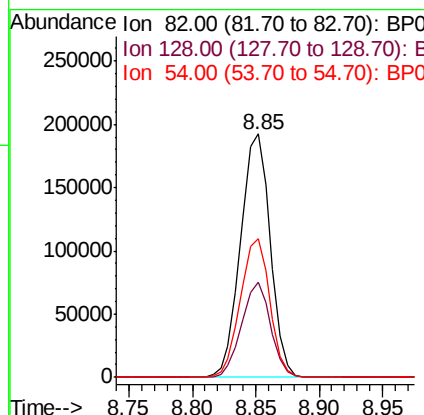
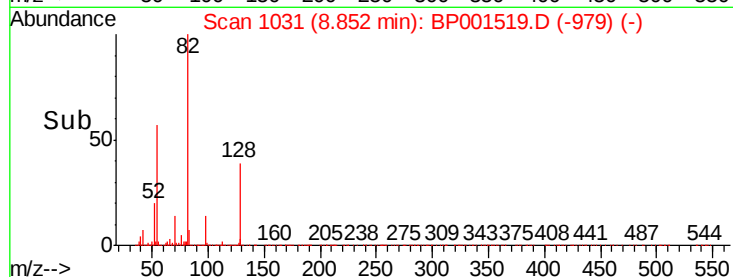
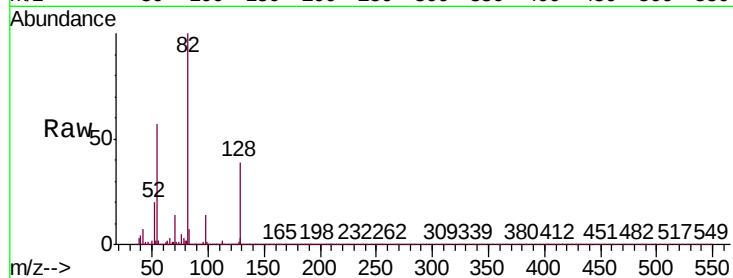




#23
Nitrobenzene-d5
Concen: 63.854 ng
RT: 8.85 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BP001519.D
Acq: 03 Jan 2020 21:47

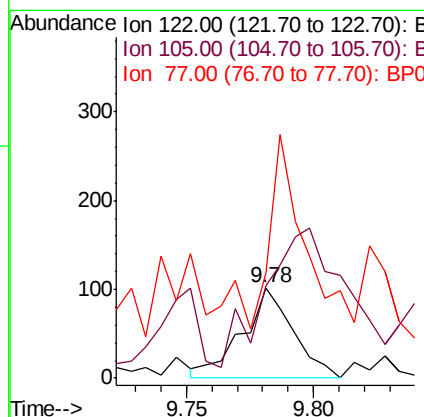
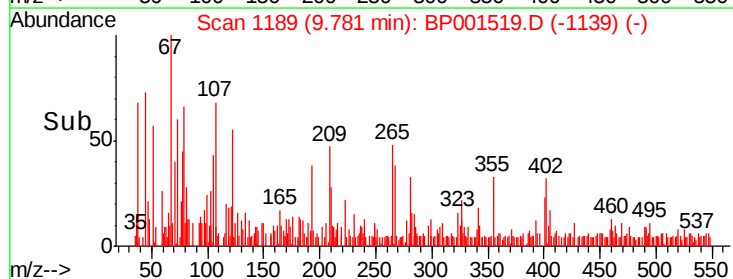
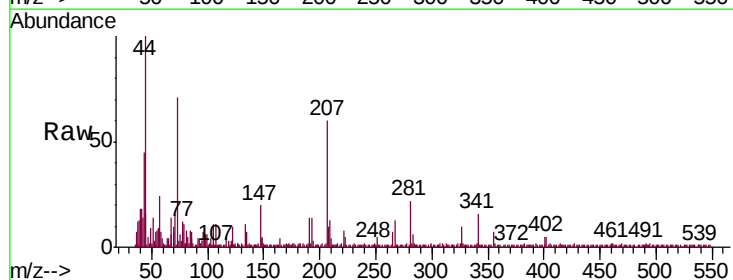
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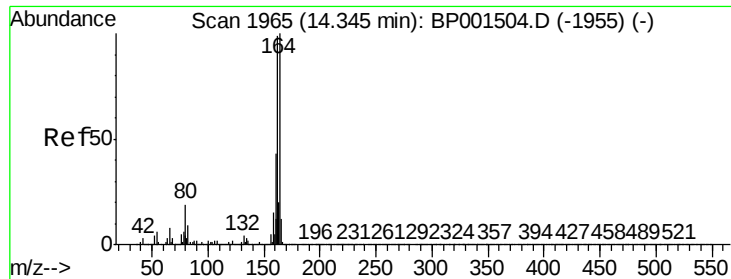
Tgt Ion: 82 Resp: 312669
Ion Ratio Lower Upper
82 100
128 38.8 30.1 45.1
54 56.9 41.8 62.6



#32
Benzoic acid
Concen: 7.822 ng
RT: 9.78 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BP001519.D
Acq: 03 Jan 2020 21:47

Tgt Ion: 122 Resp: 143
Ion Ratio Lower Upper
122 100
105 102.9 111.1 151.1#
77 116.7 85.9 125.9

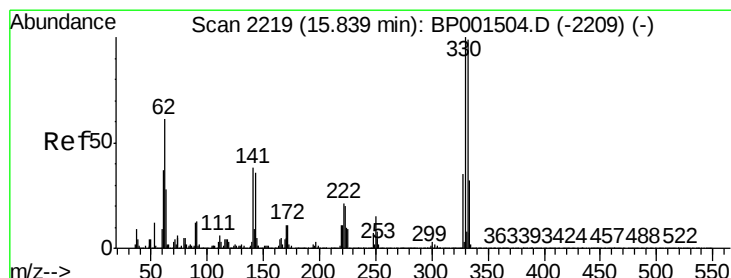
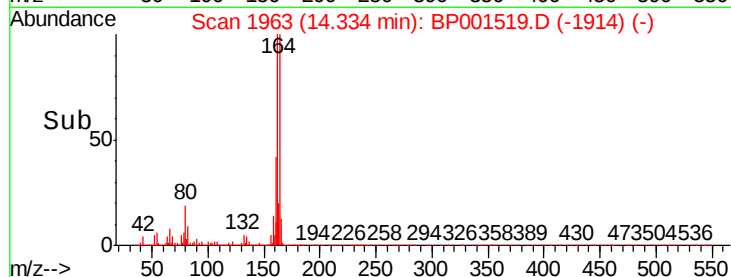
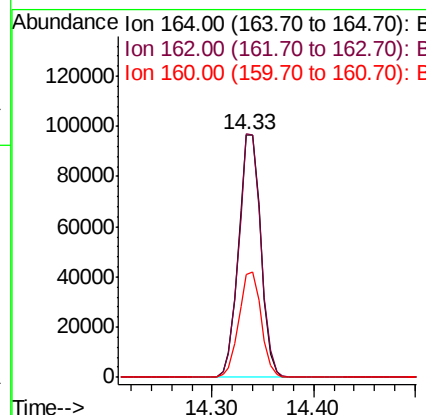
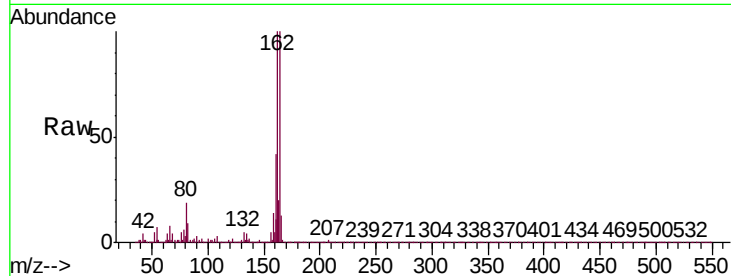




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BP001519.D
Acq: 03 Jan 2020 21:47

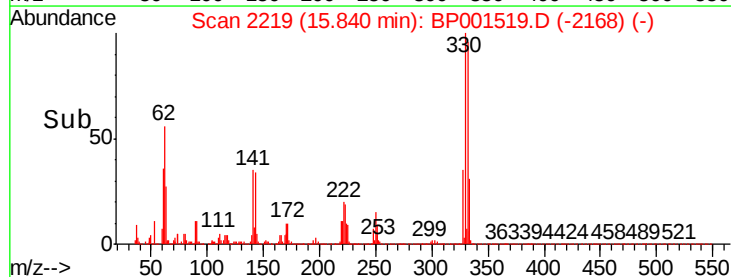
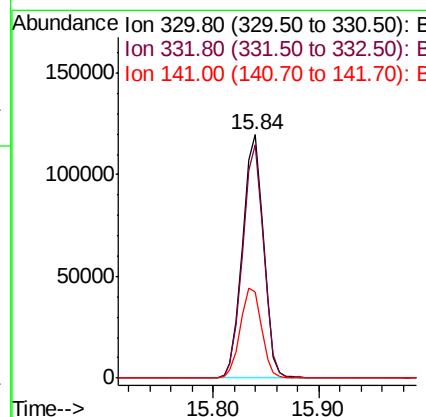
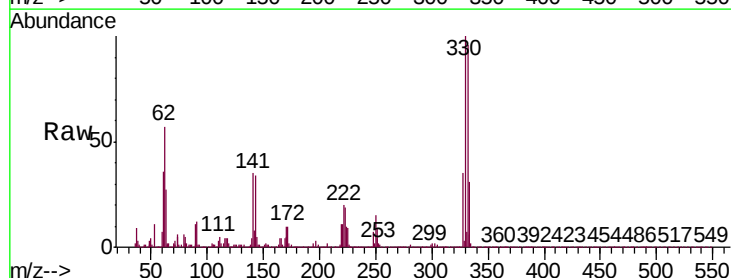
Instrument :
BNA_P
ClientSampleId :
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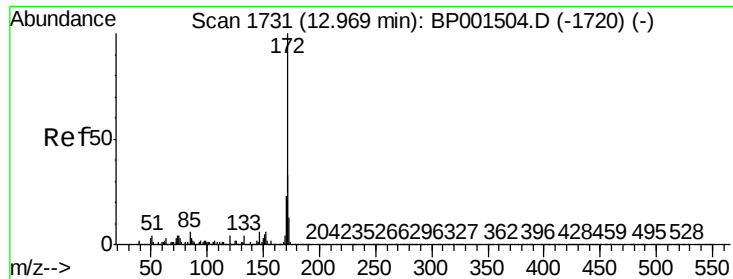
Tgt Ion:164 Resp: 146511
Ion Ratio Lower Upper
164 100
162 100.3 79.2 118.8
160 42.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 99.040 ng
RT: 15.84 min Scan# 2219
Delta R.T. 0.00 min
Lab File: BP001519.D
Acq: 03 Jan 2020 21:47

Tgt Ion:330 Resp: 164225
Ion Ratio Lower Upper
330 100
332 96.2 78.2 117.2
141 37.6 30.3 45.5

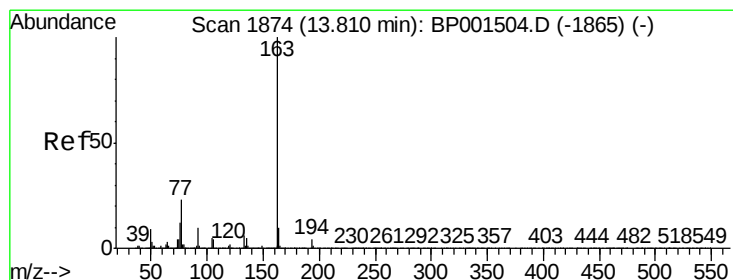
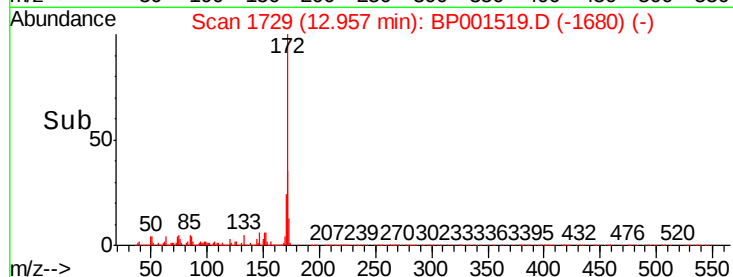
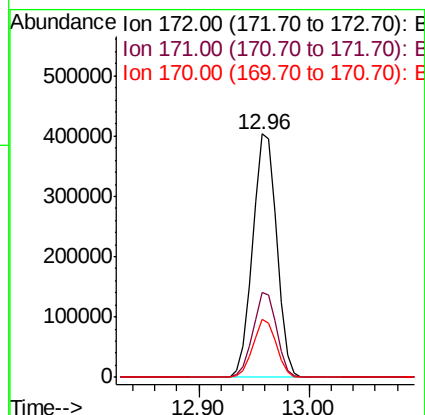
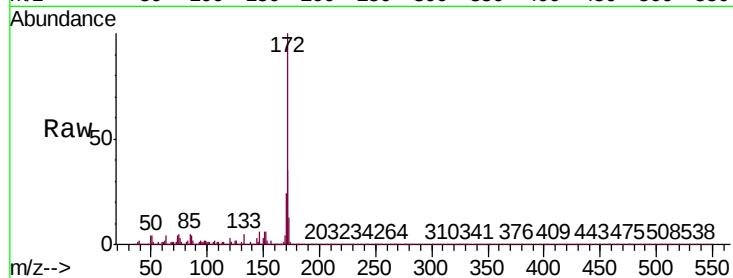




#45
2-Fluorobiphenyl
Concen: 61.952 ng
RT: 12.96 min Scan# 1729
Delta R.T. -0.01 min
Lab File: BP001519.D
Acq: 03 Jan 2020 21:47

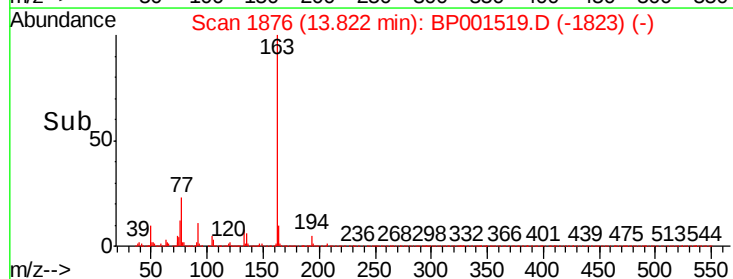
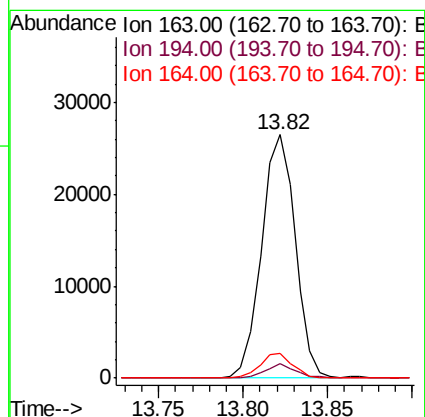
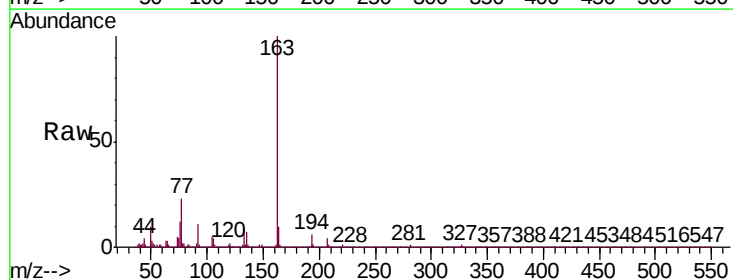
Instrument :
BNA_P
ClientSampleId :
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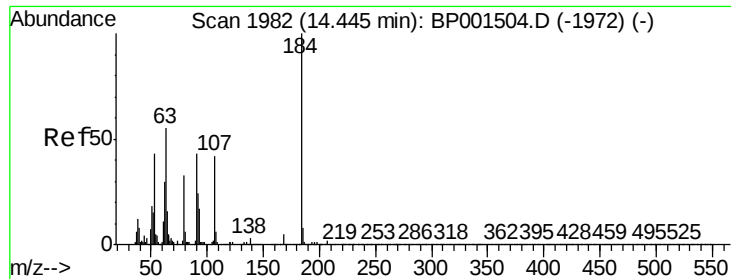
Tgt Ion:172 Resp: 617292
Ion Ratio Lower Upper
172 100
171 34.6 26.7 40.1
170 23.8 18.7 28.1



#50
Dimethylphthalate
Concen: 3.204 ng
RT: 13.82 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BP001519.D
Acq: 03 Jan 2020 21:47

Tgt Ion:163 Resp: 36698
Ion Ratio Lower Upper
163 100
194 5.7 3.4 5.0#
164 9.9 8.1 12.1

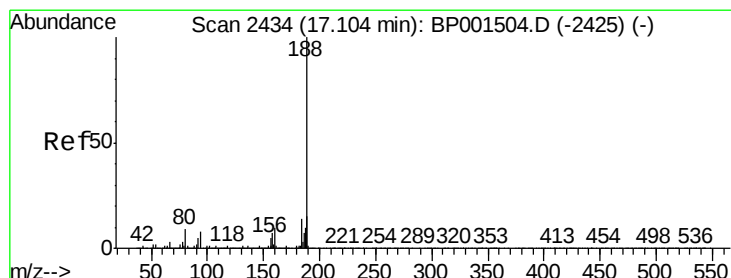
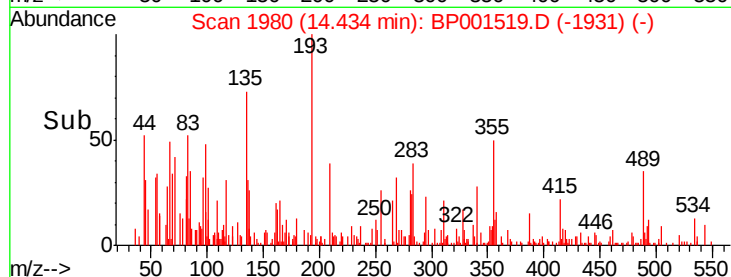
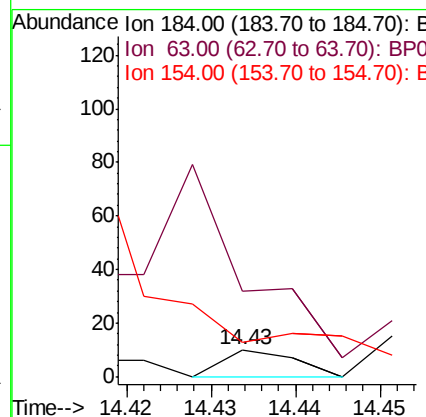
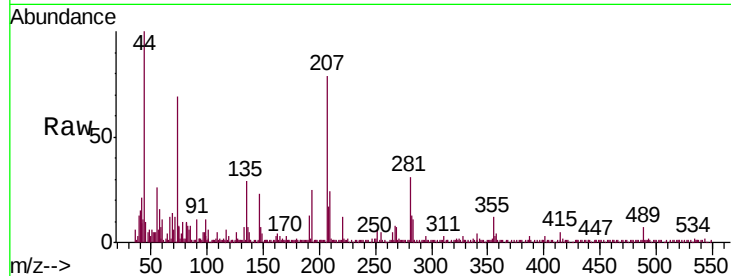




#54
2,4-Dinitrophenol
Concen: 6.455 ng
RT: 14.43 min Scan# 1980
Delta R.T. -0.01 min
Lab File: BP001519.D
Acq: 03 Jan 2020 21:47

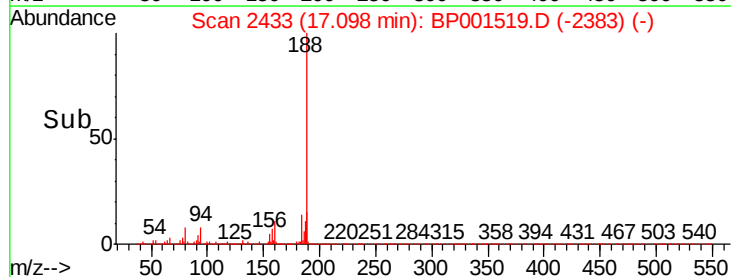
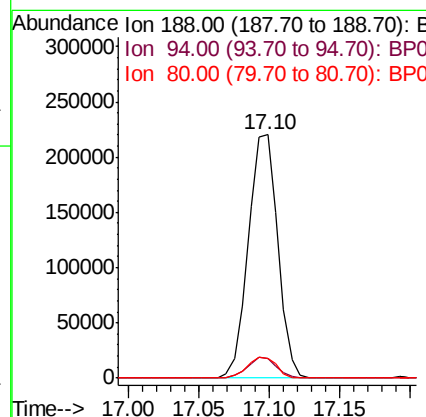
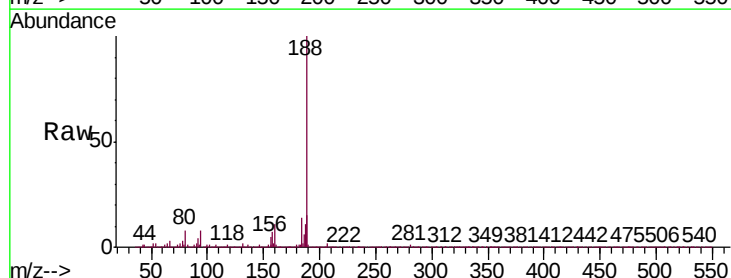
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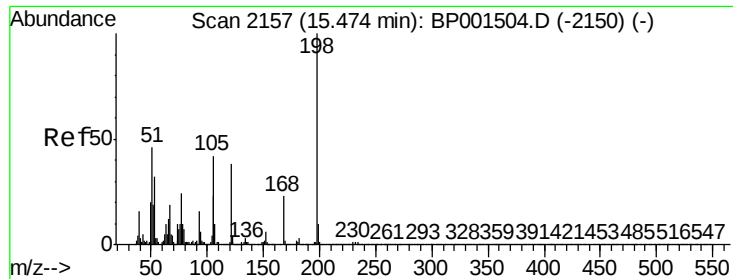
Tgt Ion:184 Resp: 6
Ion Ratio Lower Upper
184 100
63 320.0 50.0 75.0#
154 130.0 49.2 73.8#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BP001519.D
Acq: 03 Jan 2020 21:47

Tgt Ion:188 Resp: 322218
Ion Ratio Lower Upper
188 100
94 7.8 6.5 9.7
80 8.1 7.3 10.9

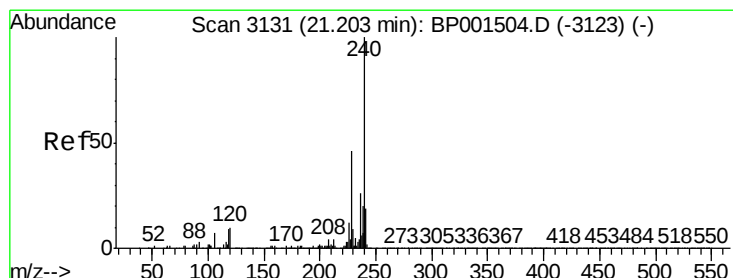
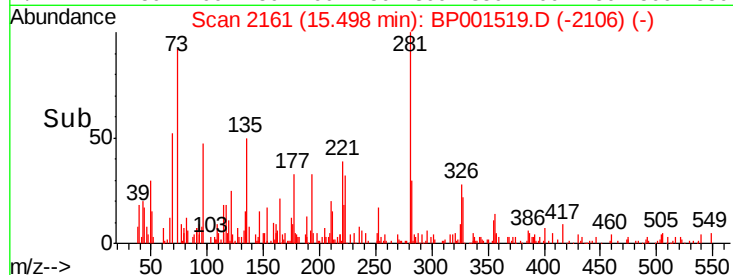
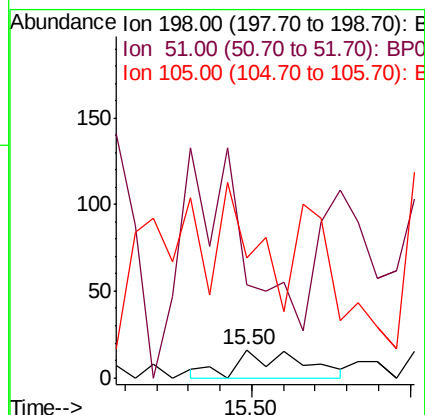
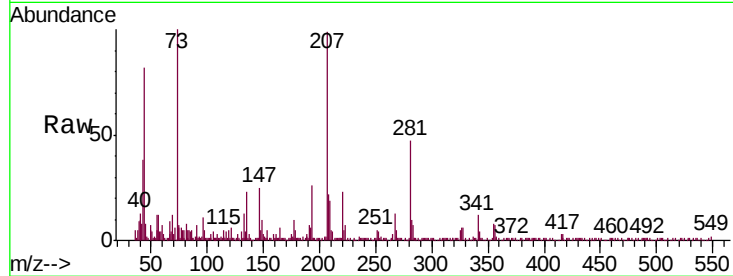




#65
 4,6-Dinitro-2-methylphenol
 Concen: 5.885 ng
 RT: 15.50 min Scan# 2161
 Delta R.T. 0.02 min
 Lab File: BP001519.D
 Acq: 03 Jan 2020 21:47

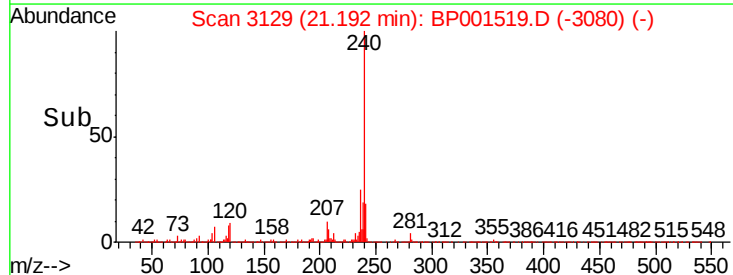
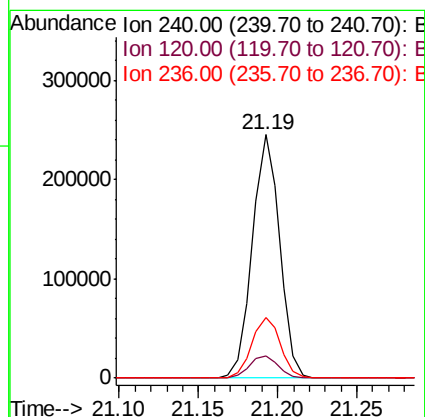
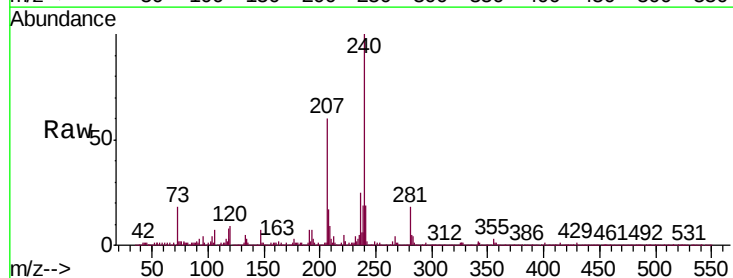
Instrument :
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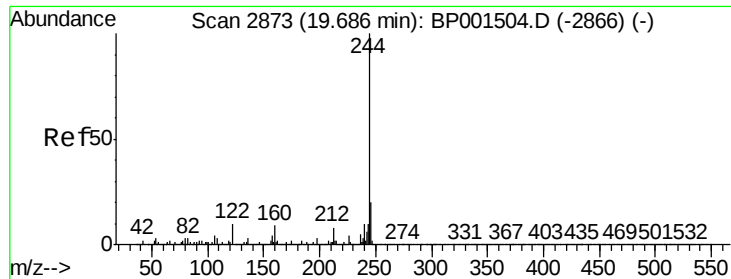
Tgt Ion	Ratio	Lower	Upper
198	100		
51	412.5	26.9	66.9#
105	431.3	22.5	62.5#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.19 min Scan# 3129
 Delta R.T. -0.01 min
 Lab File: BP001519.D
 Acq: 03 Jan 2020 21:47

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.1	12.1
236	25.0	20.9	31.3

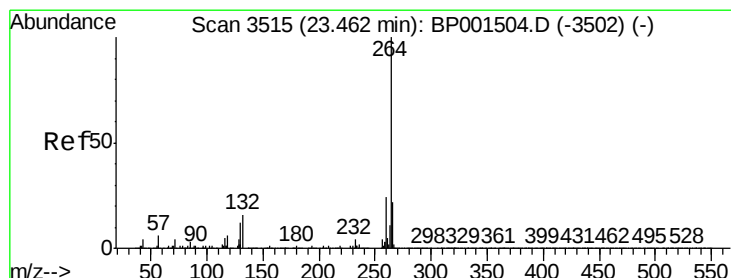
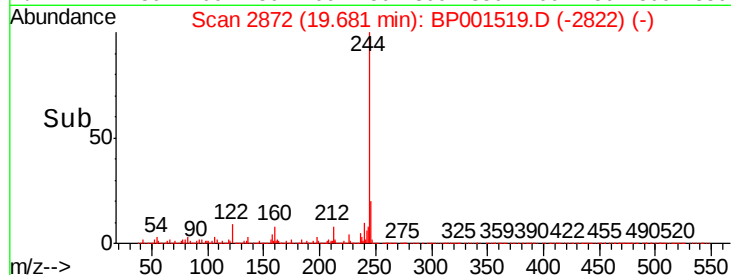
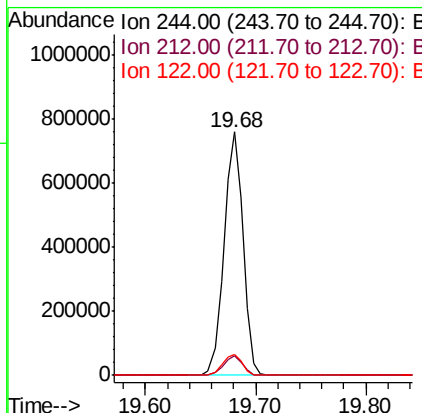
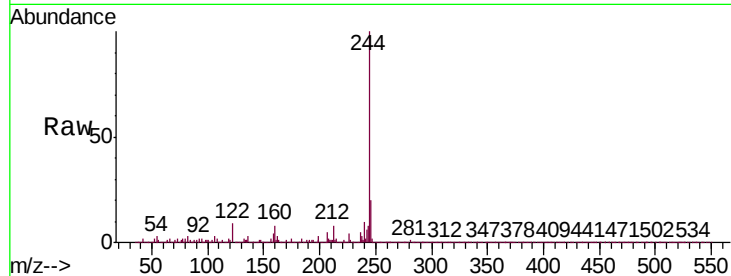




#79
 Terphenyl-d14
 Concen: 61.733 ng
 RT: 19.68 min Scan# 2872
 Delta R.T. -0.01 min
 Lab File: BP001519.D
 Acq: 03 Jan 2020 21:47

Instrument :
 BNA_P
 ClientSampleId :
 MC-123119-BD

Tgt Ion:244 Resp: 909812
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.6 9.8
 122 8.8 7.8 11.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.45 min Scan# 3512
 Delta R.T. -0.02 min
 Lab File: BP001519.D
 Acq: 03 Jan 2020 21:47

Tgt Ion:264 Resp: 324978
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.4
 265 24.7 17.2 25.8

