

Data File : BP001518.D
Acq On : 03 Jan 2020 21:13
Operator : JU
Sample : K6482-06
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B4

Quant Time: Jan 04 02:59:52 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

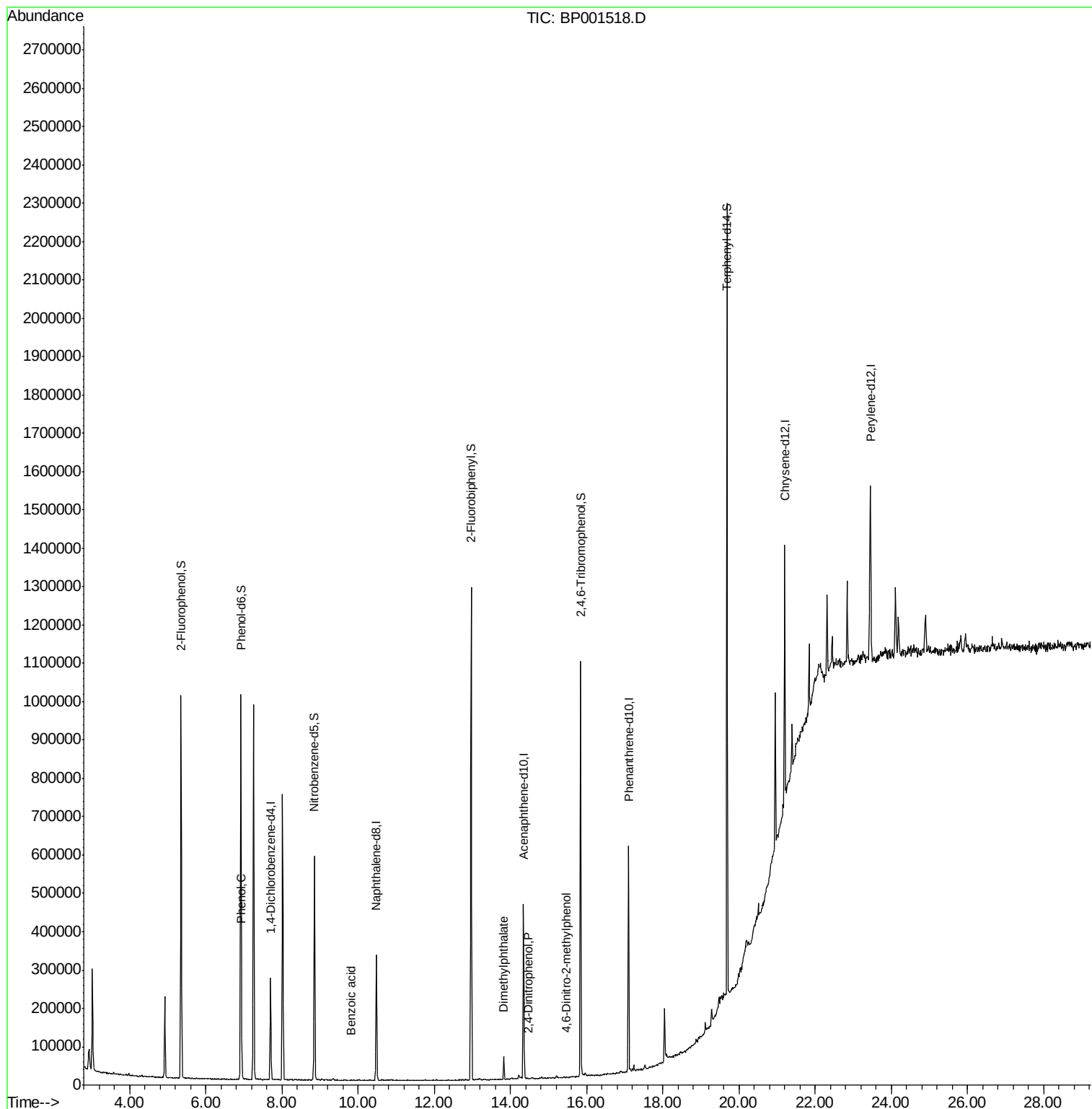
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	66736	20.00	ng	0.00
21) Naphthalene-d8	10.47	136	246123	20.00	ng	0.00
39) Acenaphthene-d10	14.34	164	155241	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	341384	20.00	ng	0.00
76) Chrysene-d12	21.19	240	297659	20.00	ng	-0.01
87) Perylene-d12	23.45	264	321599	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	387988	97.67	ng	0.04
7) Phenol-d6	6.92	99	525749	98.26	ng	0.04
23) Nitrobenzene-d5	8.85	82	307005	61.61	ng	0.00
42) 2,4,6-Tribromophenol	15.84	330	172222	98.02	ng	0.00
45) 2-Fluorobiphenyl	12.96	172	643491	60.95	ng	0.00
79) Terphenyl-d14	19.68	244	951036	63.67	ng	0.00
Target Compounds						
9) Benzaldehyde	6.82	77	90	Below Cal		Qvalue # 27
10) Phenol	6.94	94	16136	2.867	ng	81
32) Benzoic acid	9.82	122	217	7.848	ng	86
50) Dimethylphthalate	13.82	163	34152	2.814	ng	98
54) 2,4-Dinitrophenol	14.46	184	21	6.469	ng	# 1
65) 4,6-Dinitro-2-methylphenol	15.46	198	24	5.886	ng	# 1

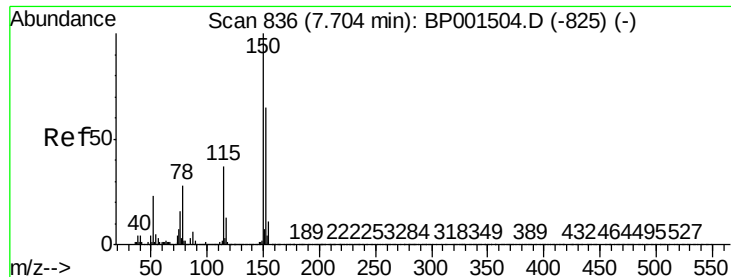
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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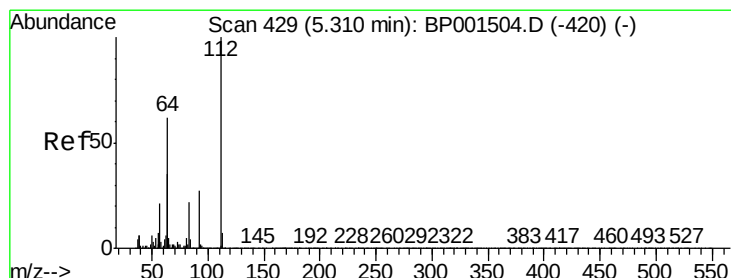
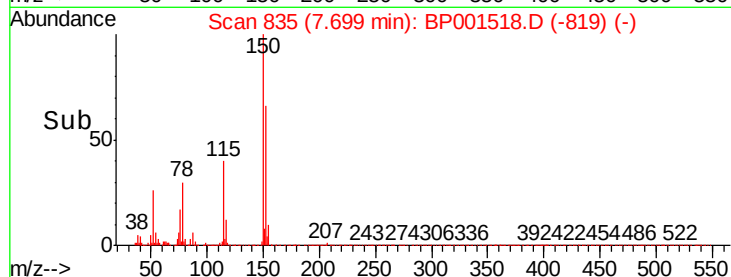
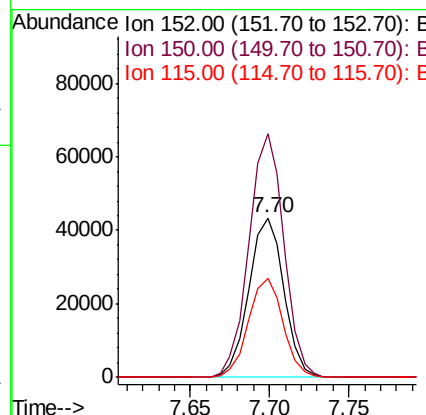
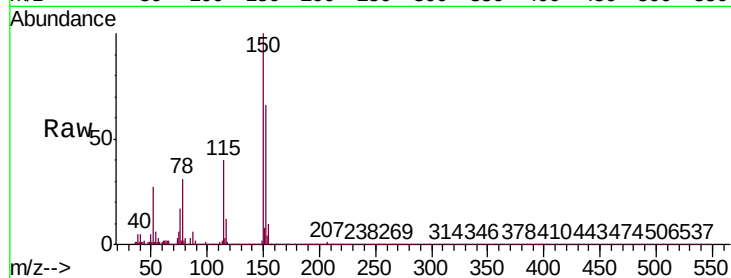


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 835
Delta R.T. -0.01 min
Lab File: BP001518.D
Acq: 03 Jan 2020 21:13

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B4

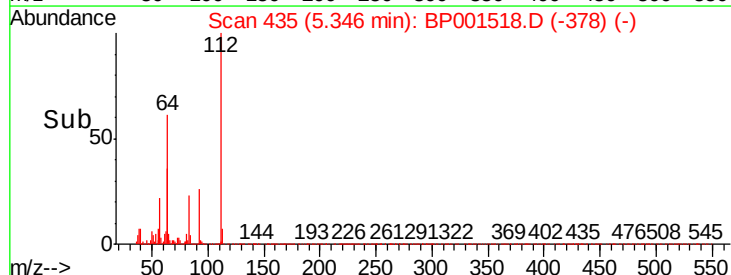
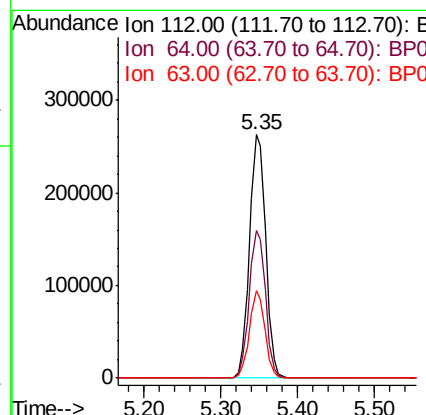
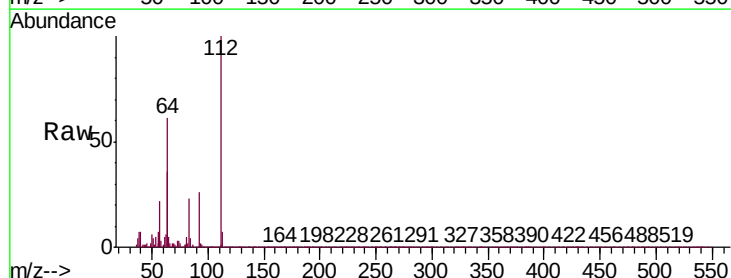
Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.6	185.4
115	61.8	45.8	68.6

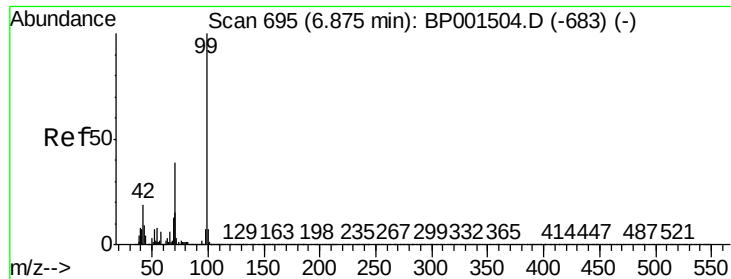


#5

2-Fluorophenol
Concen: 97.672 ng
RT: 5.35 min Scan# 435
Delta R.T. 0.04 min
Lab File: BP001518.D
Acq: 03 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.8	49.7	74.5
63	36.2	28.1	42.1





#7

Phenol-d6

Concen: 98.263 ng

RT: 6.92 min Scan# 702

Delta R.T. 0.04 min

Lab File: BP001518.D

Acq: 03 Jan 2020 21:13

Instrument :

BNA_P

ClientSampleId :

MC-123119-0-2-COMP-B4

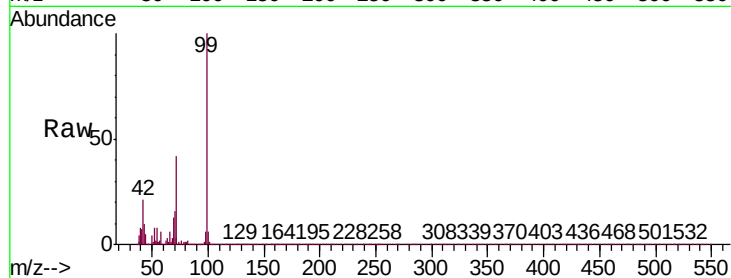
Tgt Ion: 99 Resp: 525749

Ion Ratio Lower Upper

99 100

42 21.3 15.3 22.9

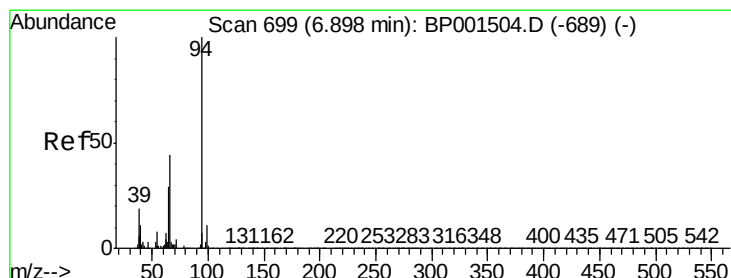
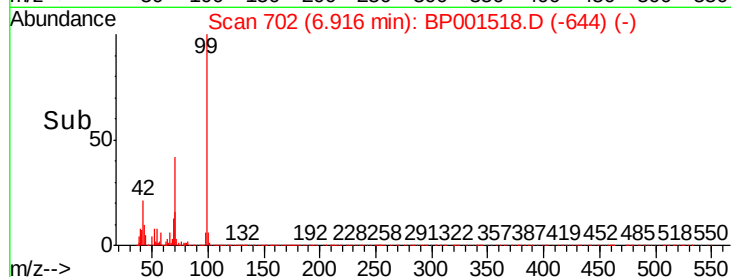
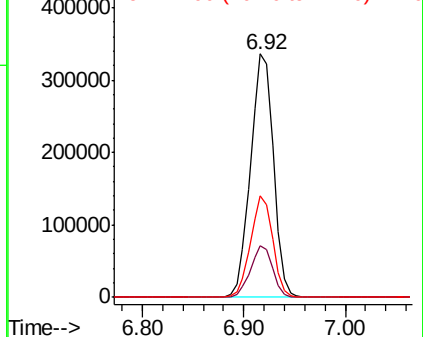
71 41.5 30.9 46.3



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



#10

Phenol

Concen: 2.867 ng

RT: 6.94 min Scan# 706

Delta R.T. 0.04 min

Lab File: BP001518.D

Acq: 03 Jan 2020 21:13

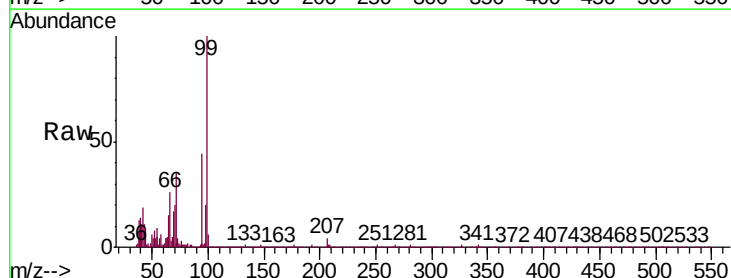
Tgt Ion: 94 Resp: 16136

Ion Ratio Lower Upper

94 100

65 33.4 9.2 49.2

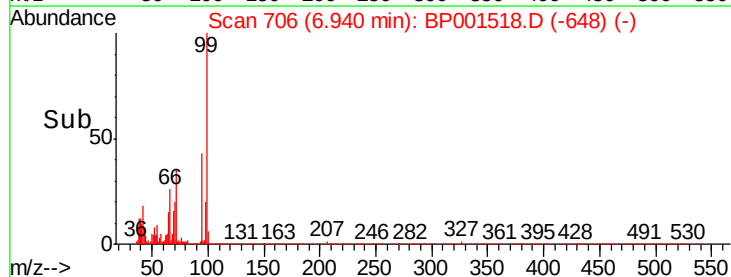
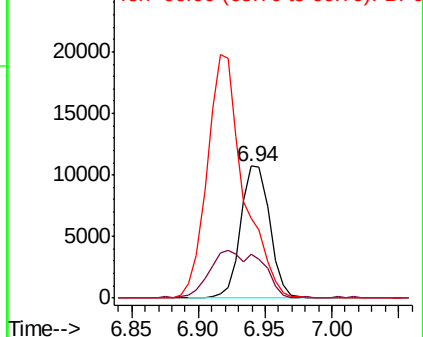
66 60.6 23.8 63.8

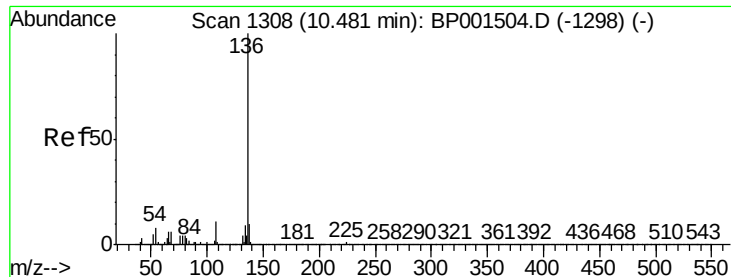


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

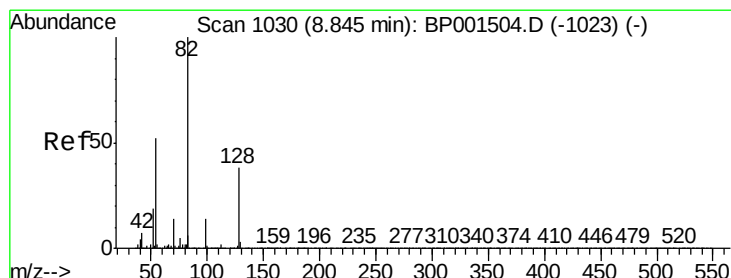
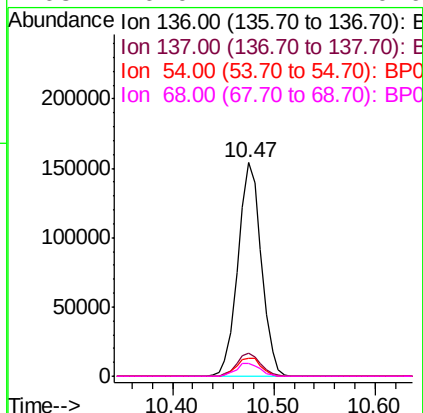
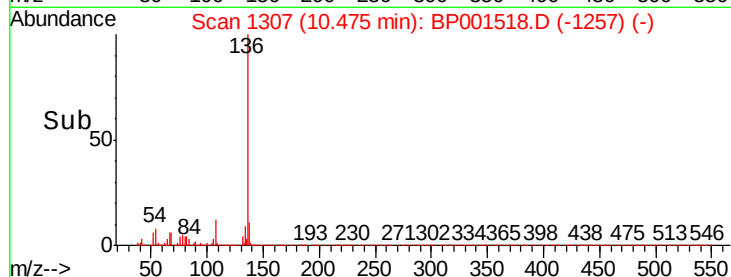
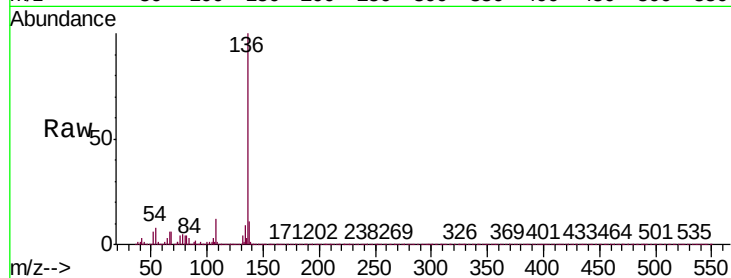




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1307
Delta R.T. -0.01 min
Lab File: BP001518.D
Acq: 03 Jan 2020 21:13

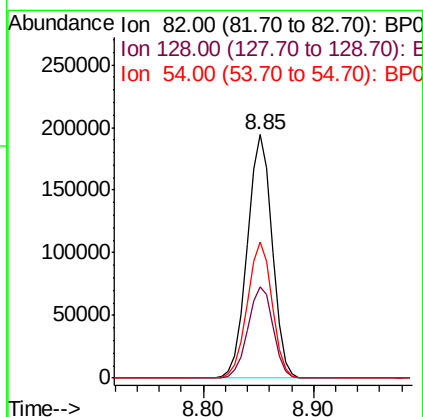
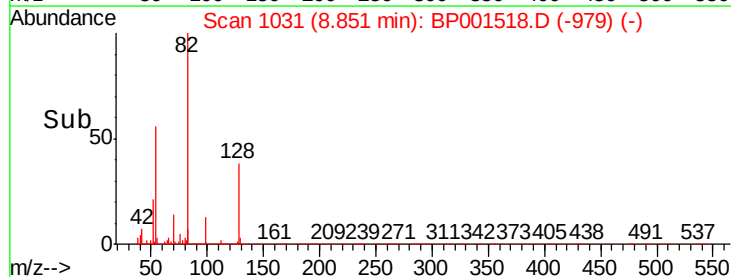
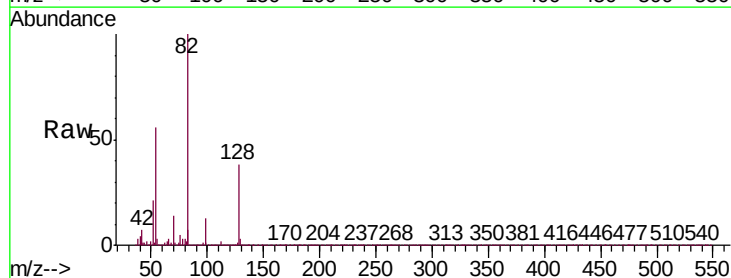
Instrument :
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MC-123119-0-2-COMP-B4

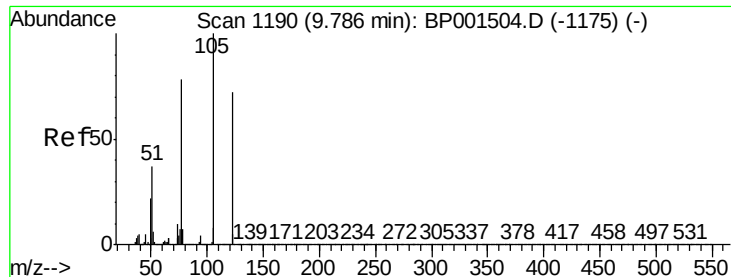
Tgt Ion:	136	Resp:	246123
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.3	12.5
54	8.3	6.7	10.1
68	6.0	4.4	6.6



#23
Nitrobenzene-d5
Concen: 61.610 ng
RT: 8.85 min Scan# 1031
Delta R.T. 0.01 min
Lab File: BP001518.D
Acq: 03 Jan 2020 21:13

Tgt Ion:	82	Resp:	307005
Ion	Ratio	Lower	Upper
82	100		
128	37.6	30.1	45.1
54	55.8	41.8	62.6

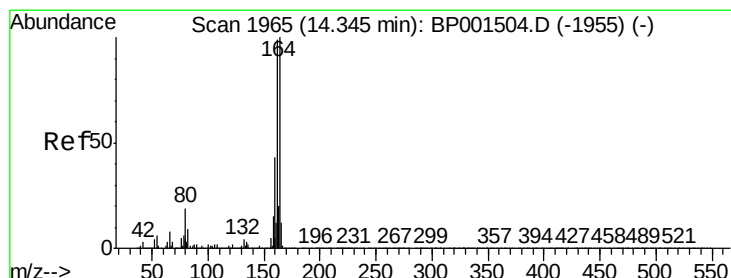
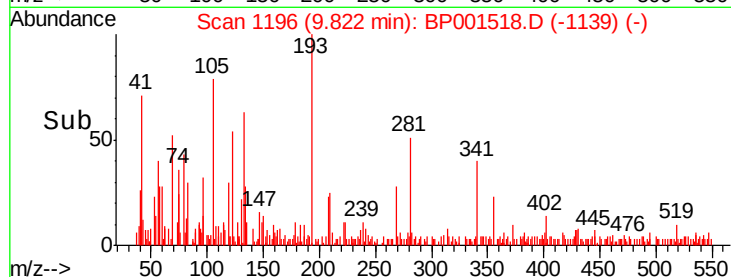
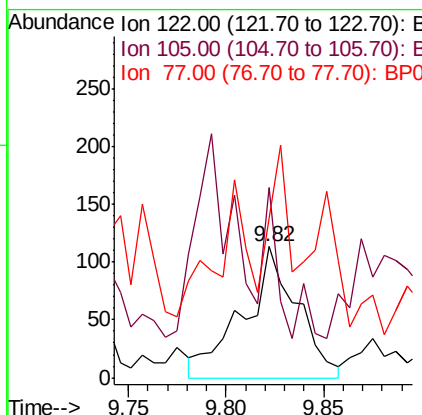
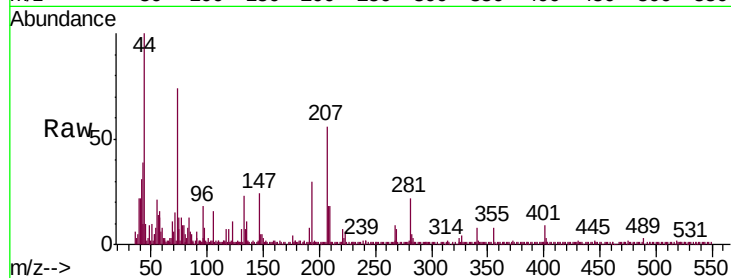




#32
Benzoic acid
Concen: 7.848 ng
RT: 9.82 min Scan# 1196
Delta R.T. 0.04 min
Lab File: BP001518.D
Acq: 03 Jan 2020 21:13

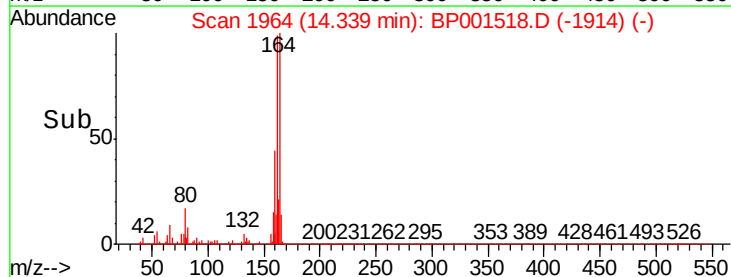
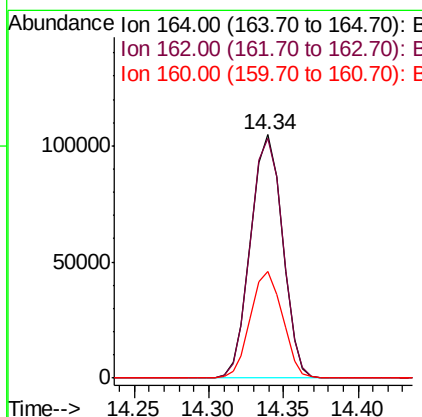
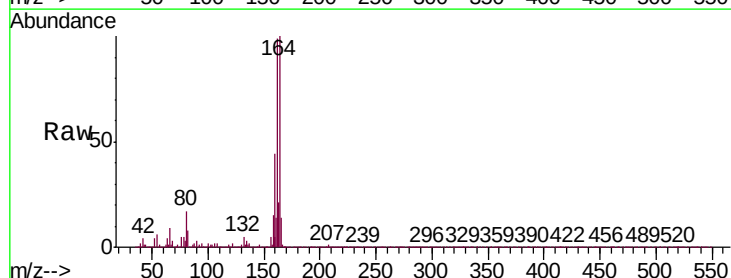
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B4

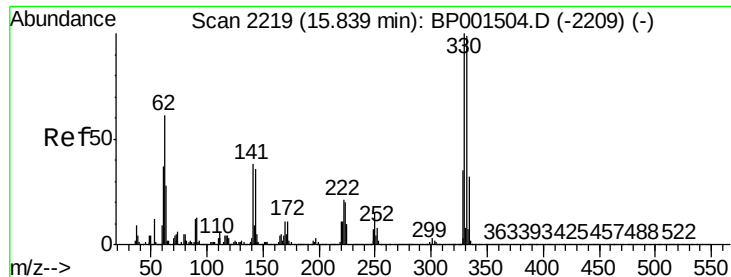
Tgt Ion	Ratio	Lower	Upper
122	100		
105	146.0	111.1	151.1
77	122.1	85.9	125.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.34 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BP001518.D
Acq: 03 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	98.6	79.2	118.8
160	43.8	34.6	52.0

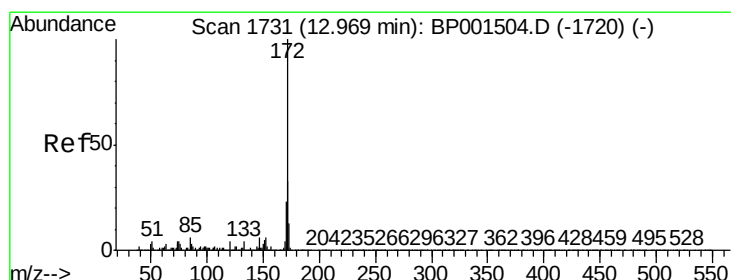
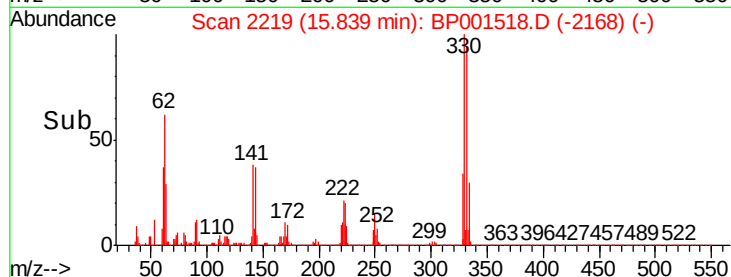
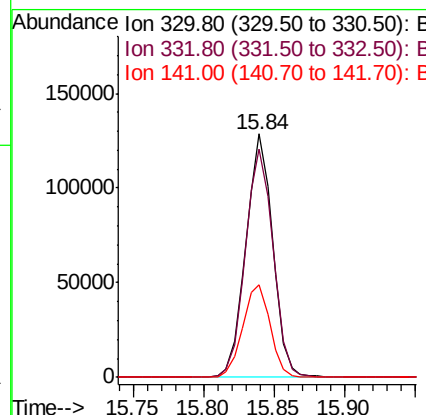
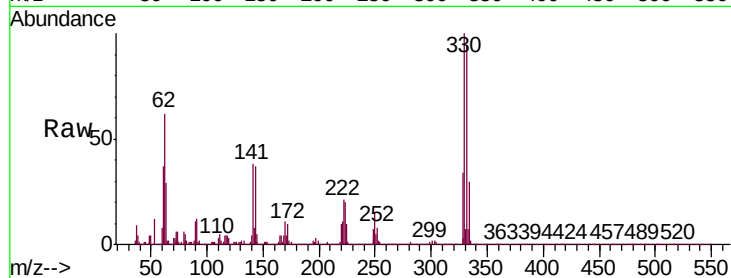




#42
 2,4,6-Tribromophenol
 Concen: 98.022 ng
 RT: 15.84 min Scan# 2219
 Delta R.T. 0.00 min
 Lab File: BP001518.D
 Acq: 03 Jan 2020 21:13

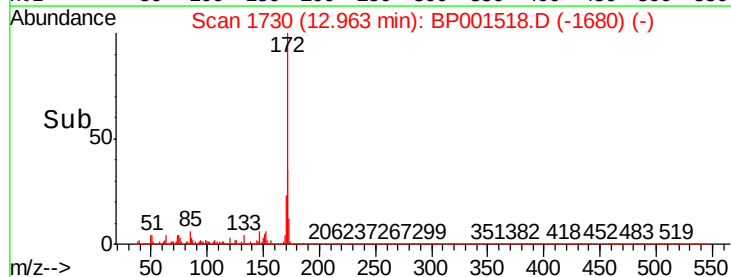
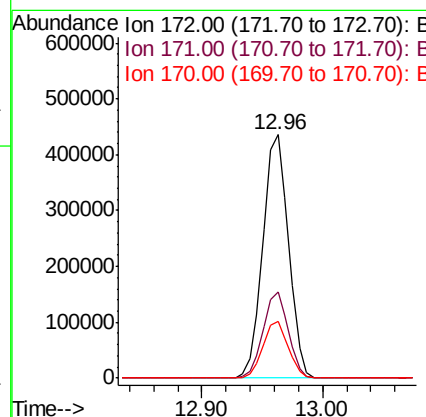
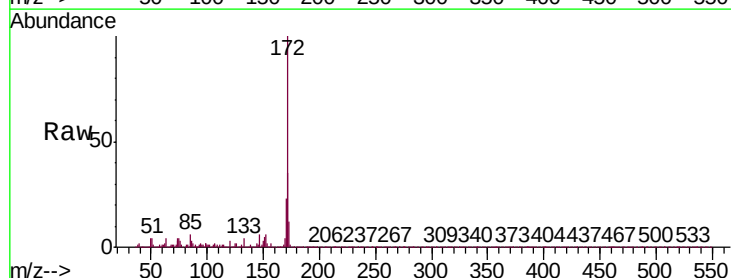
Instrument :
 BNA_P
 ClientSampleId :
 MC-123119-0-2-COMP-B4

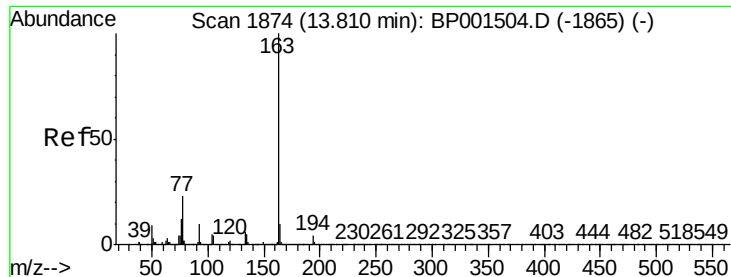
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	78.2	117.2
141	38.7	30.3	45.5



#45
 2-Fluorobiphenyl
 Concen: 60.949 ng
 RT: 12.96 min Scan# 1730
 Delta R.T. -0.01 min
 Lab File: BP001518.D
 Acq: 03 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.7	40.1
170	23.5	18.7	28.1





#50

Dimethylphthalate

Concen: 2.814 ng

RT: 13.82 min Scan# 1876

Delta R.T. 0.01 min

Lab File: BP001518.D

Acq: 03 Jan 2020 21:13

Instrument :

BNA_P

ClientSampleId :

MC-123119-0-2-COMP-B4

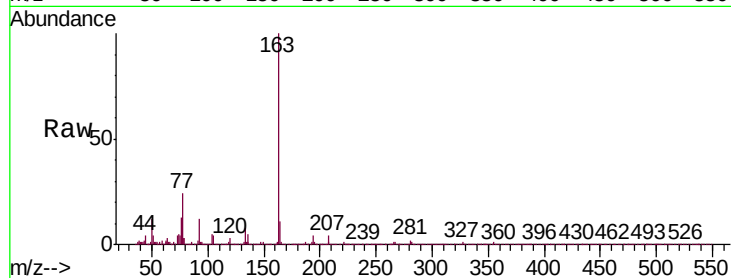
Tgt Ion:163 Resp: 34152

Ion Ratio Lower Upper

163 100

194 3.9 3.4 5.0

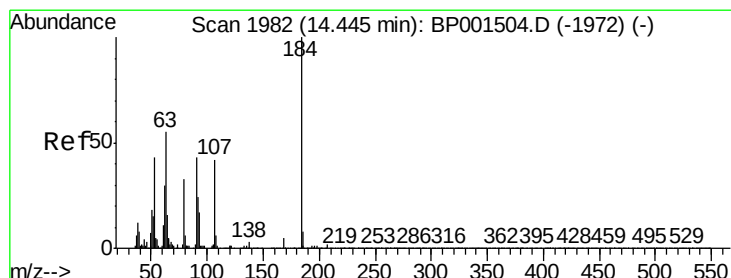
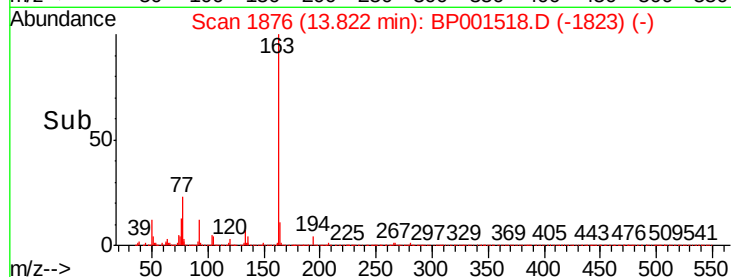
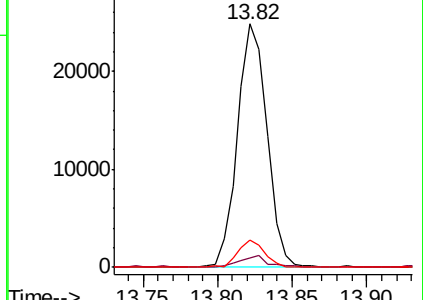
164 11.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#54

2,4-Dinitrophenol

Concen: 6.469 ng

RT: 14.46 min Scan# 1985

Delta R.T. 0.02 min

Lab File: BP001518.D

Acq: 03 Jan 2020 21:13

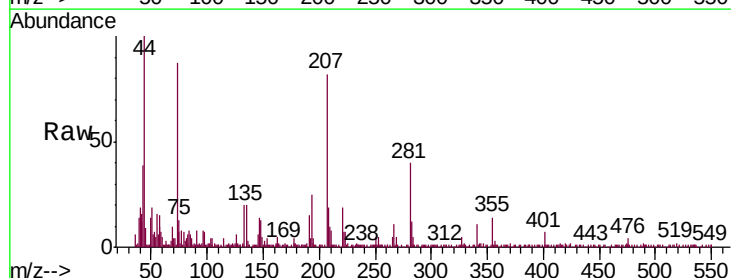
Tgt Ion:184 Resp: 21

Ion Ratio Lower Upper

184 100

63 270.0 50.0 75.0#

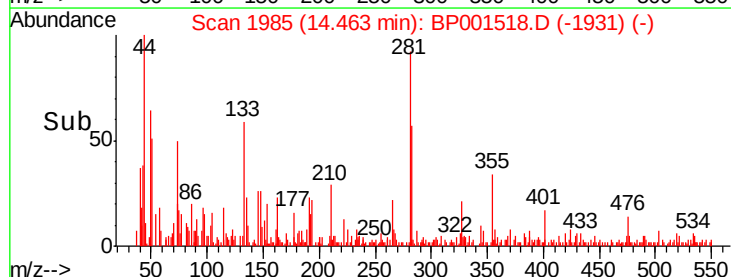
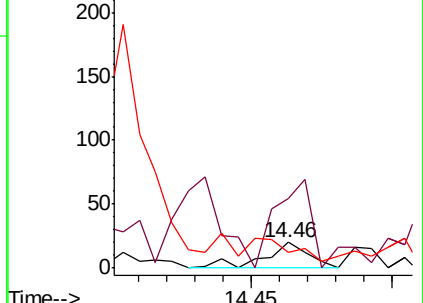
154 60.0 49.2 73.8

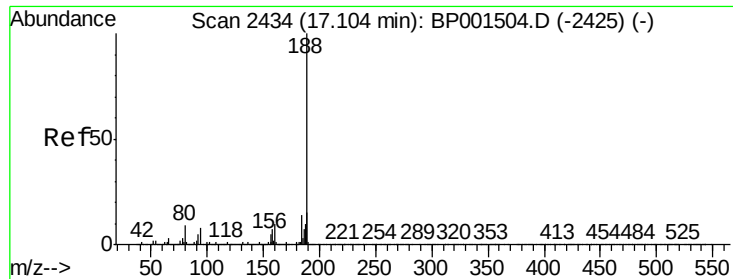


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.10 min Scan# 2433

Delta R.T. -0.01 min

Lab File: BP001518.D

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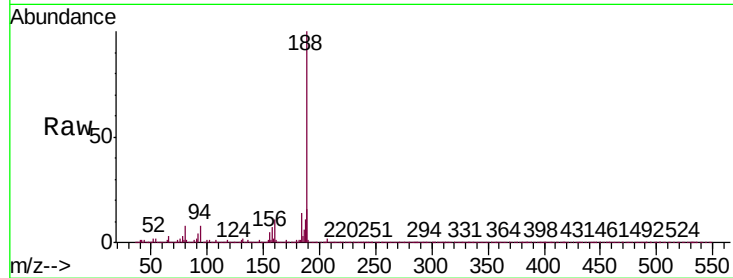
Tgt Ion:188 Resp: 341384

Ion Ratio Lower Upper

188 100

94 7.8 6.5 9.7

80 8.0 7.3 10.9



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

300000

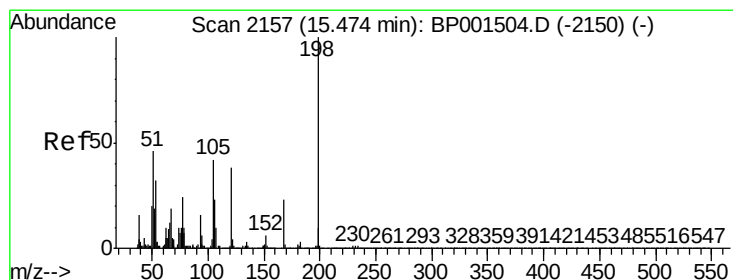
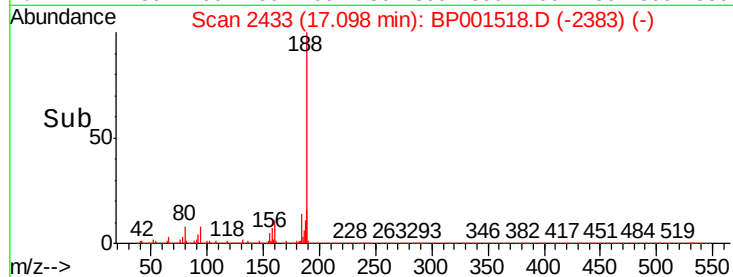
200000

100000

0

17.10

17.00 17.10 17.20



#65

4,6-Dinitro-2-methylphenol

Concen: 5.886 ng

RT: 15.46 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BP001518.D

Acq: 03 Jan 2020 21:13

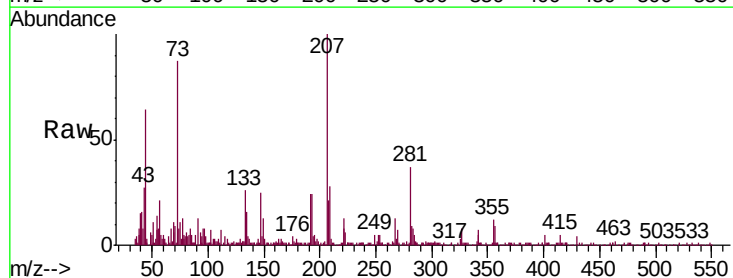
Tgt Ion:198 Resp: 24

Ion Ratio Lower Upper

198 100

51 455.0 26.9 66.9#

105 160.0 22.5 62.5#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BP0

Ion 105.00 (104.70 to 105.70): E

250

200

150

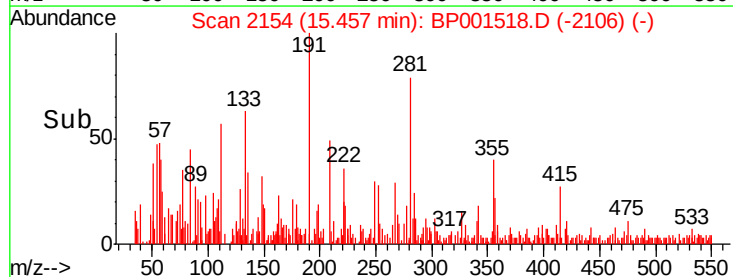
100

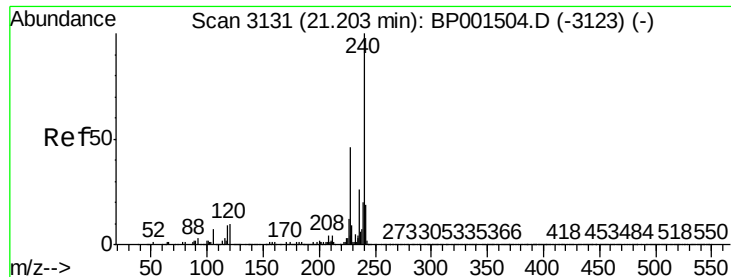
50

0

15.46

15.44 15.46 15.48

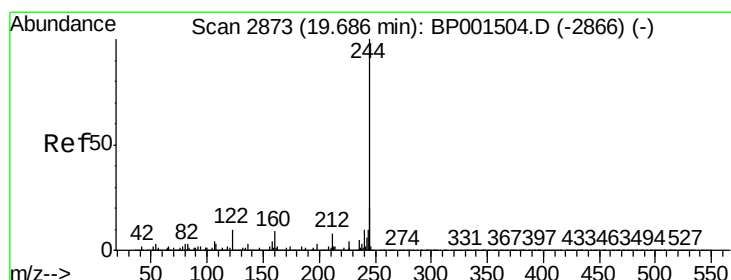
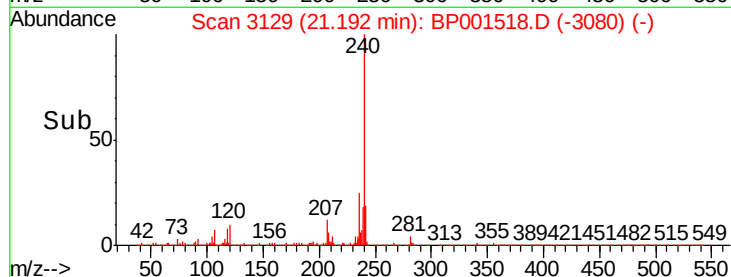
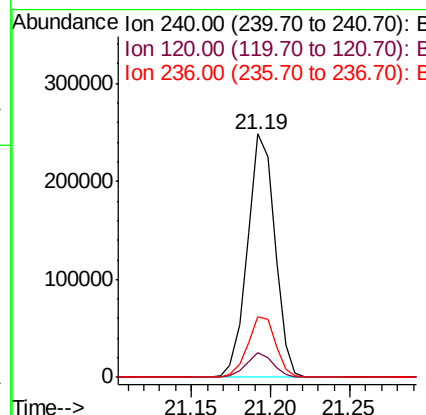
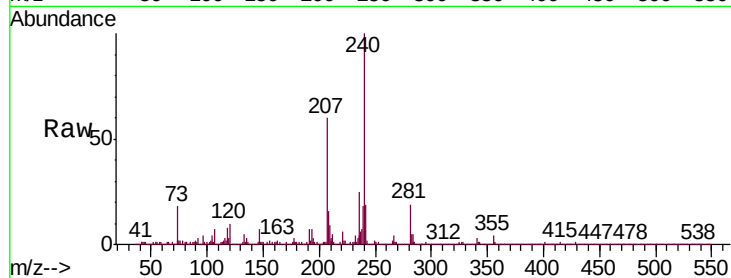




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.19 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BP001518.D
Acq: 03 Jan 2020 21:13

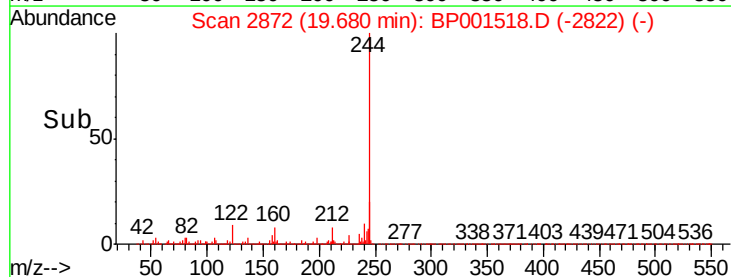
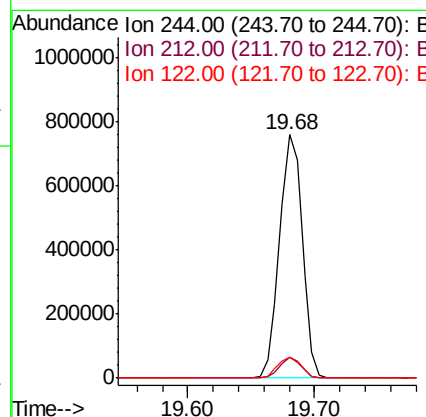
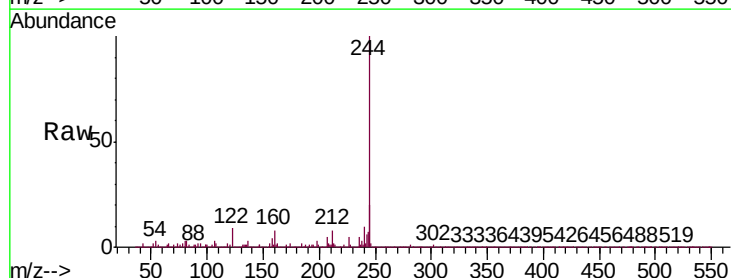
Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B4

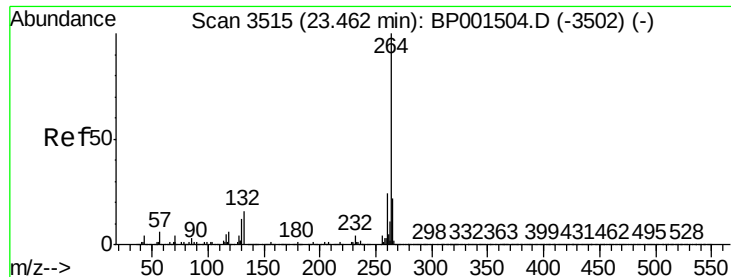
Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.1	12.1
236	25.0	20.9	31.3



#79
Terphenyl-d14
Concen: 63.673 ng
RT: 19.68 min Scan# 2872
Delta R.T. -0.01 min
Lab File: BP001518.D
Acq: 03 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	6.6	9.8
122	8.6	7.8	11.6

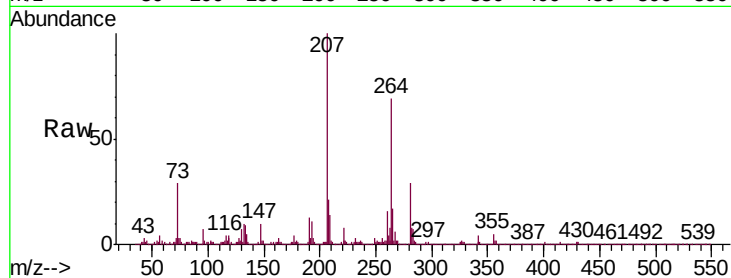




#87
Perylene-d12
Concen: 20.000 ng
RT: 23.45 min Scan# 3513
Delta R.T. -0.01 min
Lab File: BP001518.D
Acq: 03 Jan 2020 21:13

Instrument :
BNA_P
ClientSampleId :
MC-123119-0-2-COMP-B4

Tgt Ion:	264	Resp:	321599
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	25.1	17.2	25.8



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

