

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012820\
 Data File : BP001705.D
 Acq On : 28 Jan 2020 14:23
 Operator : CG/JU
 Sample : L1017-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 28 22:07:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 24 22:23:46 2020
 Response via : Initial Calibration

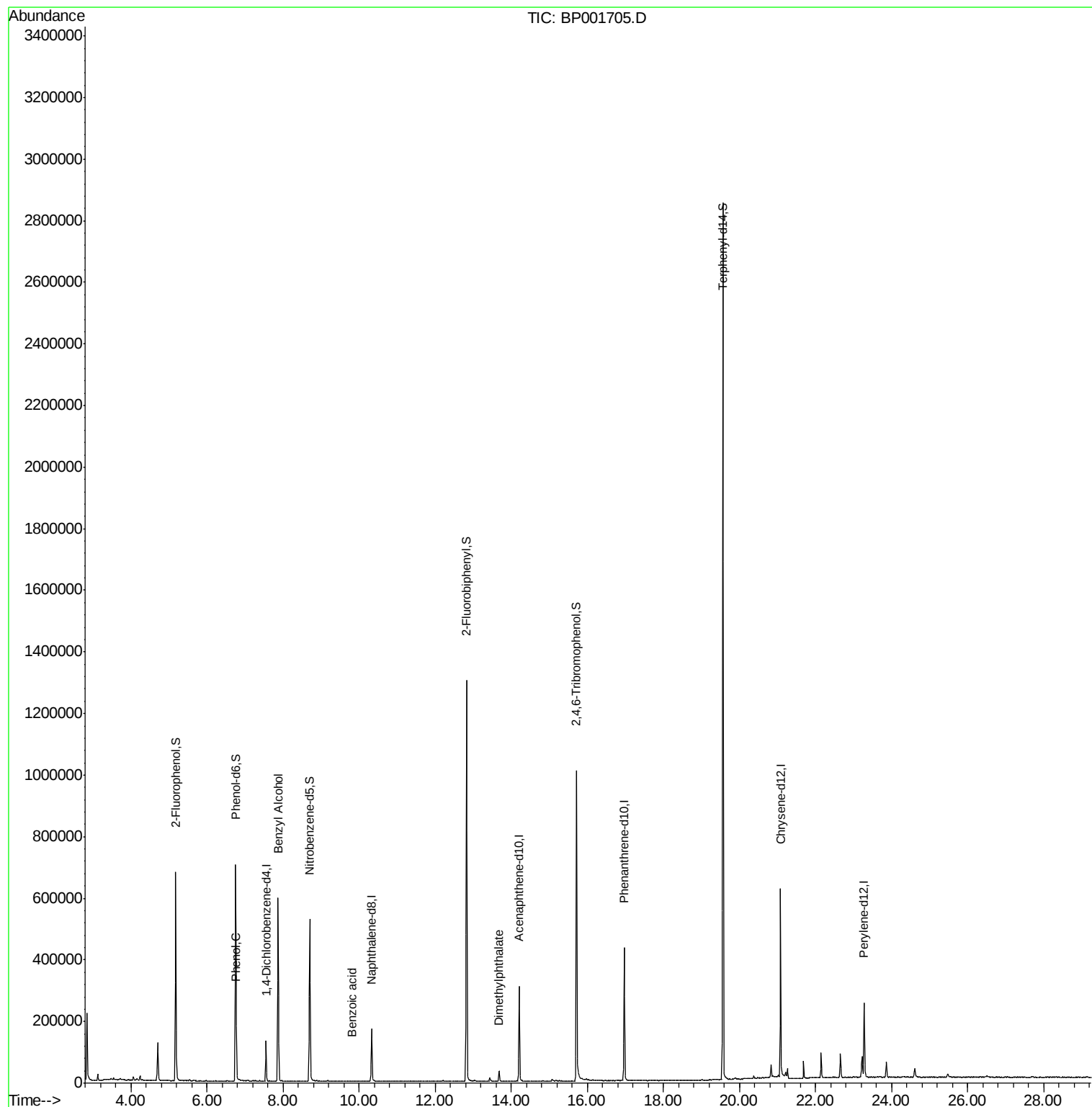
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	28729	20.00	ng	-0.01
21) Naphthalene-d8	10.33	136	126385	20.00	ng	-0.01
39) Acenaphthene-d10	14.21	164	97595	20.00	ng	-0.01
64) Phenanthrene-d10	16.97	188	244016	20.00	ng	-0.01
76) Chrysene-d12	21.08	240	265773	20.00	ng	-0.01
87) Perylene-d12	23.28	264	175443	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	242704	165.49	ng	0.00
7) Phenol-d6	6.75	99	329437	140.55	ng	-0.01
23) Nitrobenzene-d5	8.70	82	285237	98.62	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	174928	117.75	ng	-0.01
45) 2-Fluorobiphenyl	12.82	172	634111	95.53	ng	-0.02
79) Terphenyl-d14	19.57	244	1285734	88.48	ng	-0.01
Target Compounds						
10) Phenol	6.78	94	5026	2.073	ng	# 65
15) Benzyl Alcohol	7.87	79	4575	2.073	ng	# 55
32) Benzoic acid	9.81	122	79	4.751	ng	# 5
50) Dimethylphthalate	13.67	163	21198	2.637	ng	98

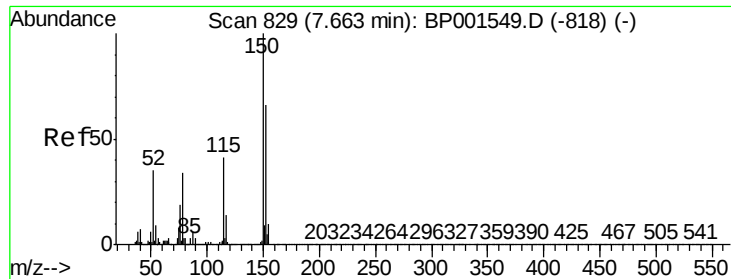
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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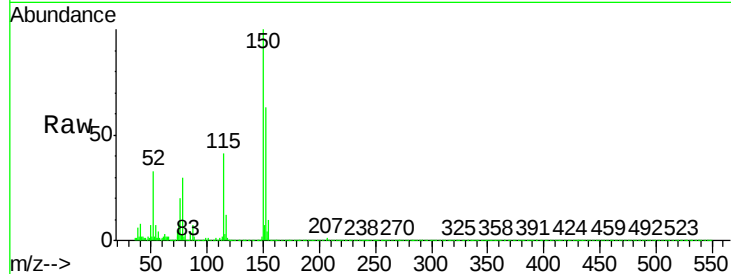


#1

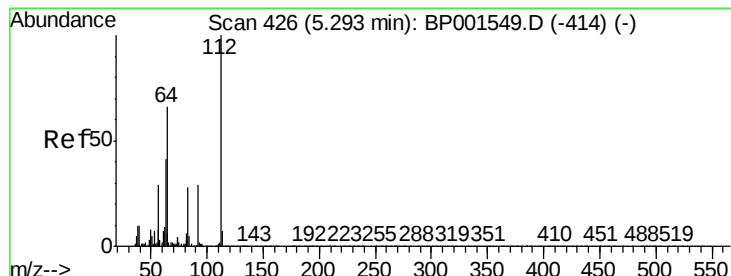
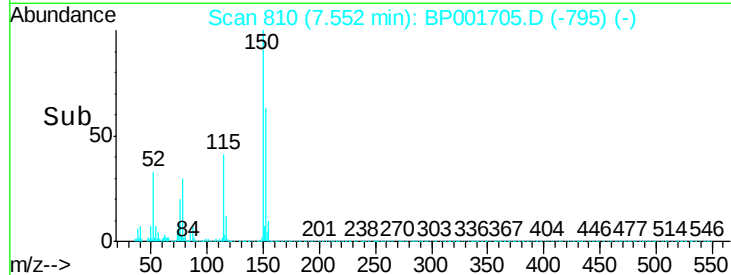
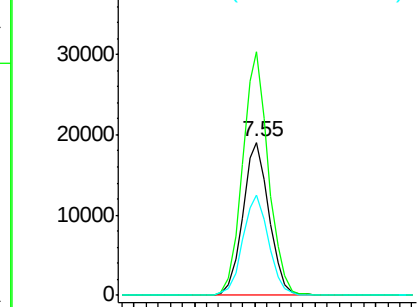
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001705.D
Acq: 28 Jan 2020 14:23

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	122.0	183.0
115	65.7	50.7	76.1



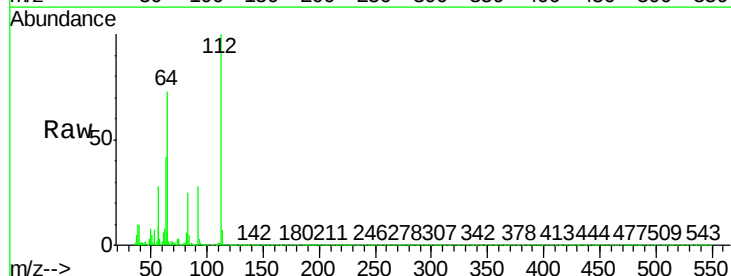
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



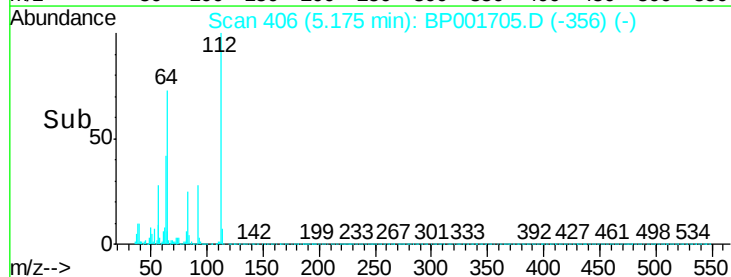
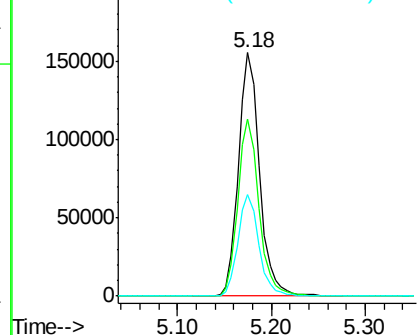
#5

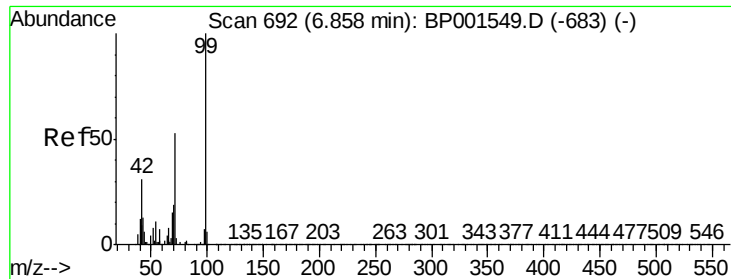
2-Fluorophenol
Concen: 165.489 ng
RT: 5.18 min Scan# 406
Delta R.T. -0.01 min
Lab File: BP001705.D
Acq: 28 Jan 2020 14:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.6	52.8	79.2
63	41.9	33.1	49.7



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: 140.551 ng

RT: 6.75 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP001705.D

Acq: 28 Jan 2020 14:23

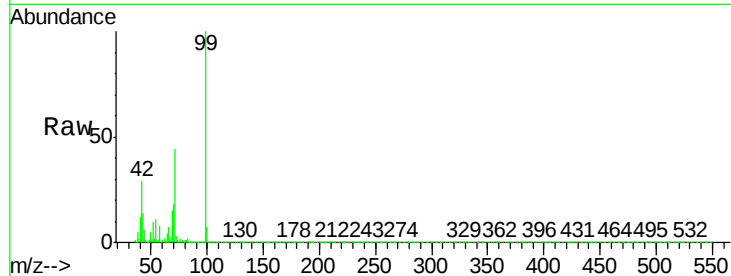
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 329437

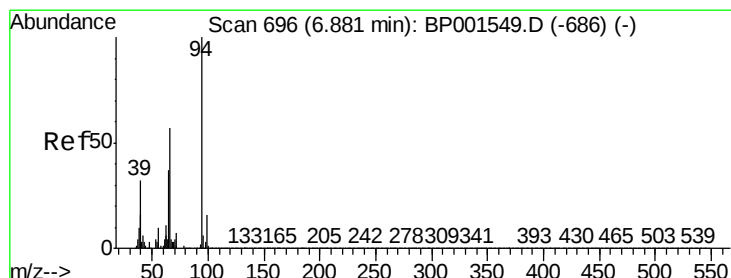
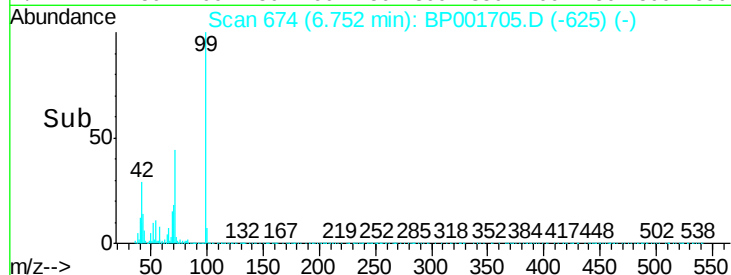
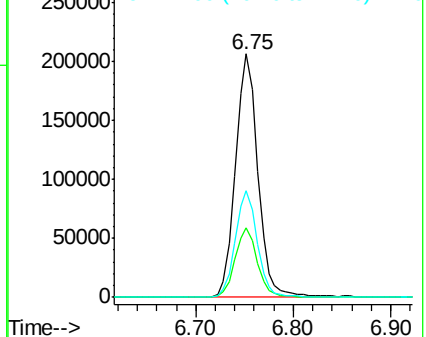
Ion	Ratio	Lower	Upper
99	100		
42	28.8	24.5	36.7
71	44.0	42.4	63.6



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: 2.073 ng

RT: 6.78 min Scan# 678

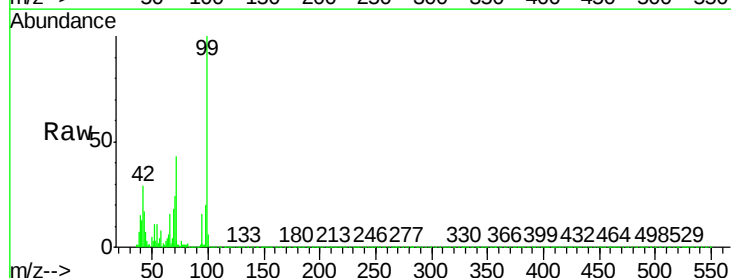
Delta R.T. -0.01 min

Lab File: BP001705.D

Acq: 28 Jan 2020 14:23

Tgt Ion: 94 Resp: 5026

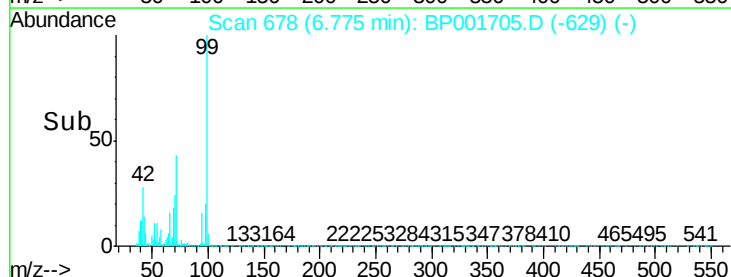
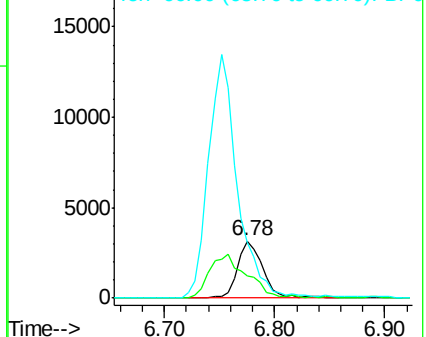
Ion	Ratio	Lower	Upper
94	100		
65	39.3	17.5	57.5
66	98.0	36.7	76.7#

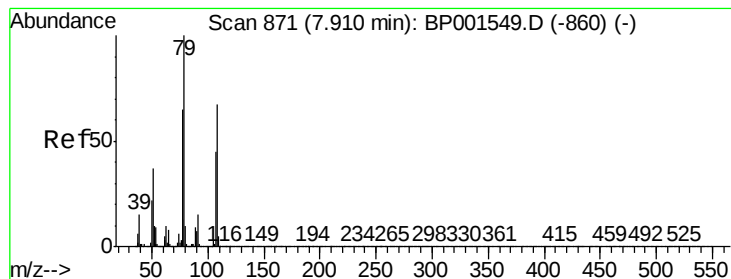


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0





#15

Benzyl Alcohol

Concen: 2.073 ng

RT: 7.87 min Scan# 864

Delta R.T. 0.06 min

Lab File: BP001705.D

Acq: 28 Jan 2020 14:23

Instrument :

BNA_P

ClientSampleId :

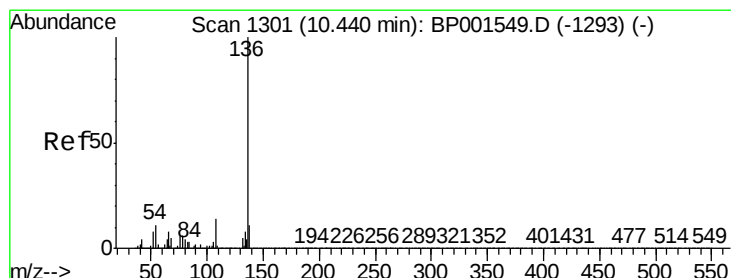
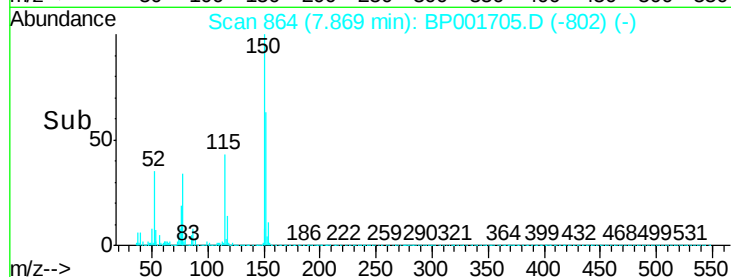
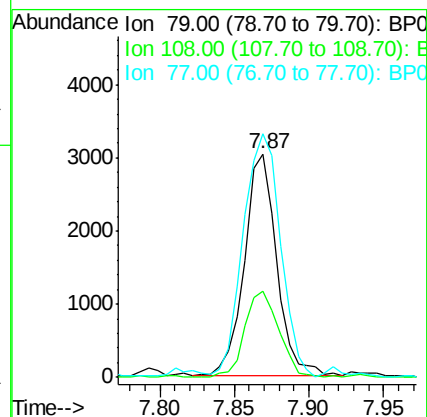
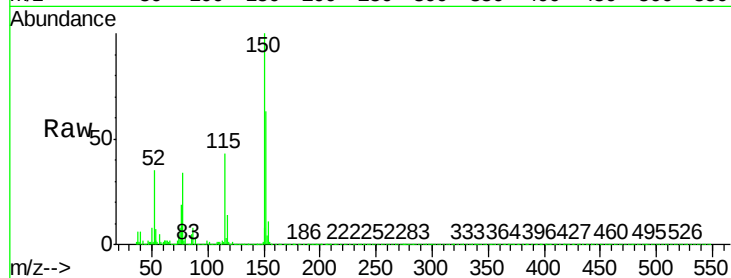
Tot Ion: 79 Resp: 4575

Ion Ratio Lower Upper

79 100

108 38.7 53.2 79.8#

77 108.9 52.1 78.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1282

Delta R.T. -0.01 min

Lab File: BP001705.D

Acq: 28 Jan 2020 14:23

Tgt Ion: 136 Resp: 126385

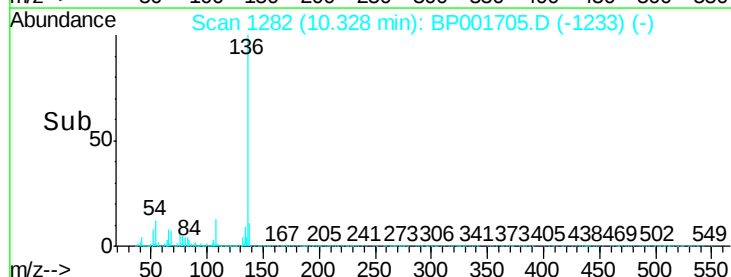
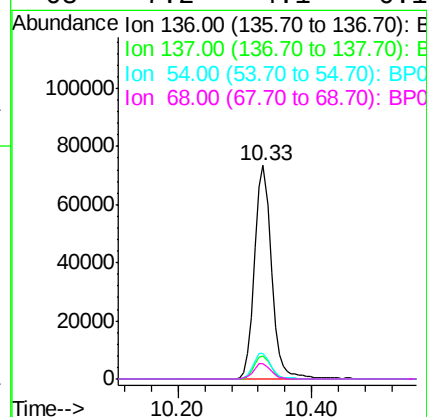
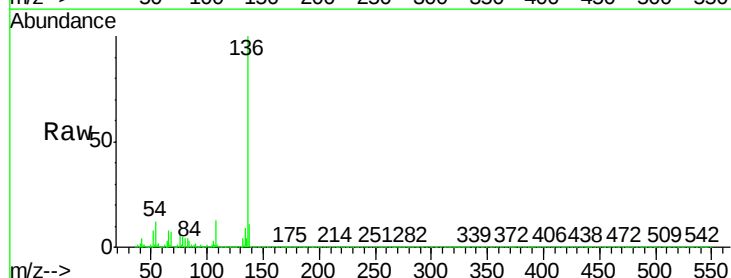
Ion Ratio Lower Upper

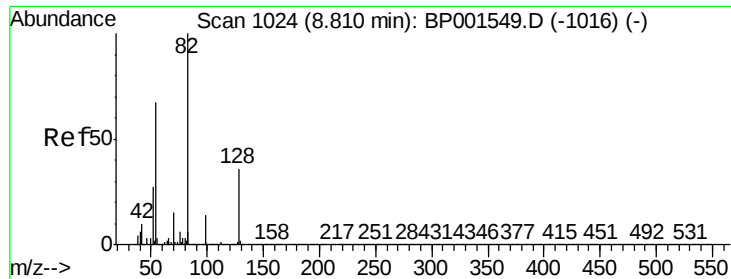
136 100

137 11.0 8.6 12.8

54 12.0 9.2 13.8

68 7.2 4.1 6.1#

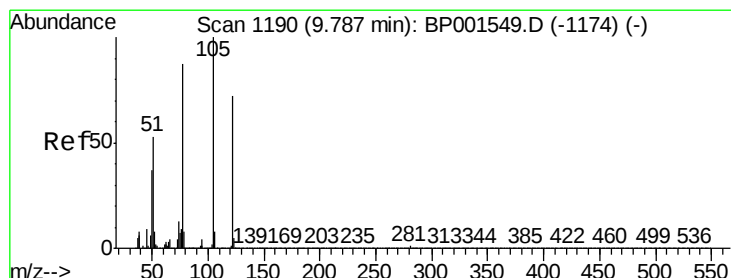
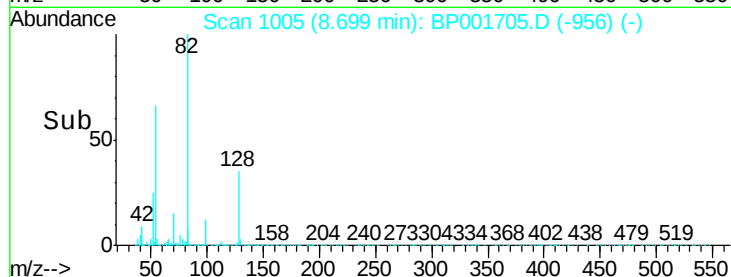
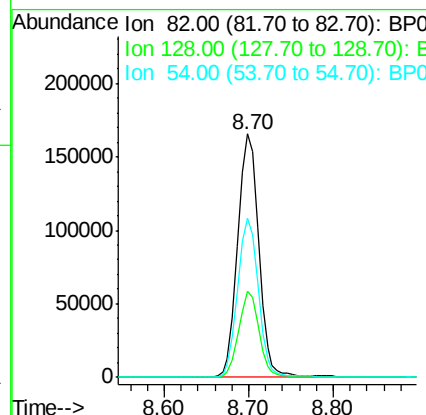
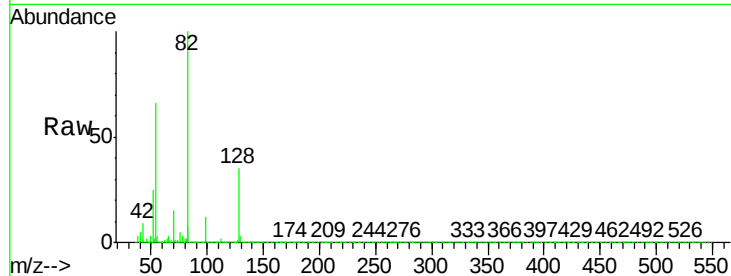




#23
Nitrobenzene-d5
Concen: 98.621 ng
RT: 8.70 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BP001705.D
Acq: 28 Jan 2020 14:23

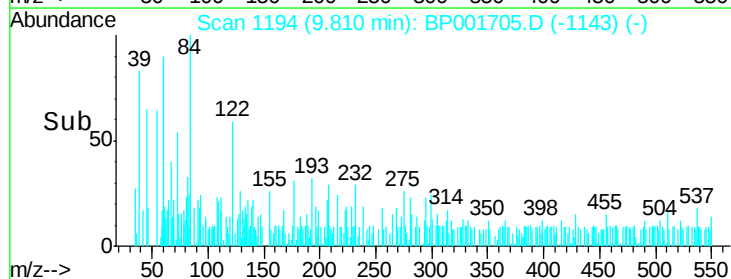
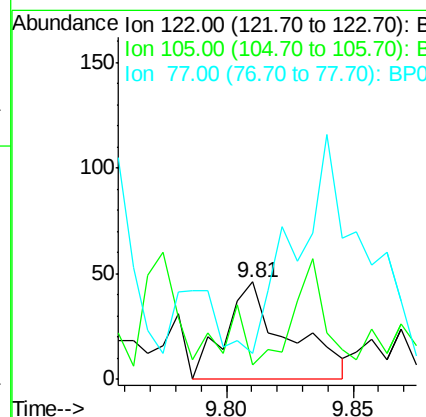
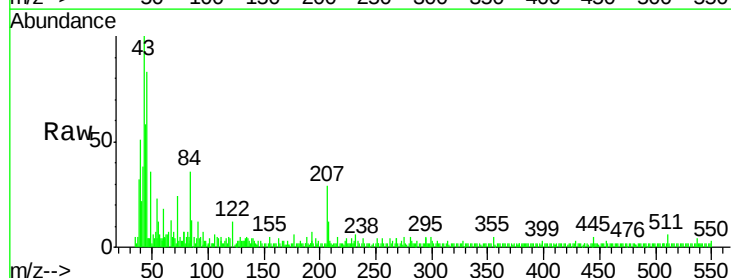
Instrument :
BNA_P
ClientSampleId :

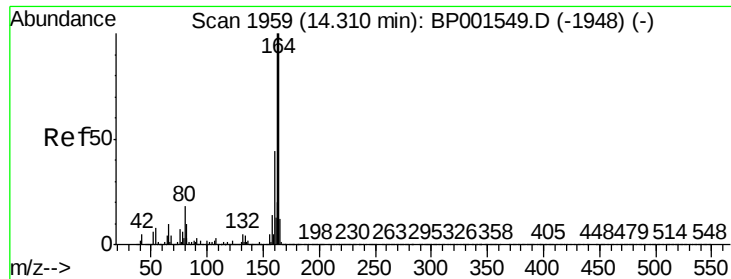
Tot Ion	82	Resp	285237
Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.4	42.6
54	65.6	53.4	80.2



#32
Benzoic acid
Concen: 4.751 ng
RT: 9.81 min Scan# 1194
Delta R.T. -0.00 min
Lab File: BP001705.D
Acq: 28 Jan 2020 14:23

Tgt Ion	122	Resp	79
Ion	Ratio	Lower	Upper
122	100		
105	15.2	119.5	159.5#
77	26.1	102.8	142.8#

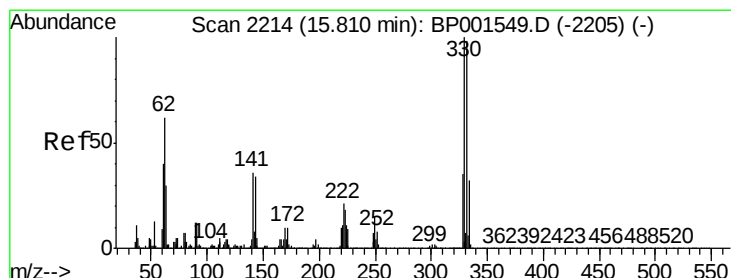
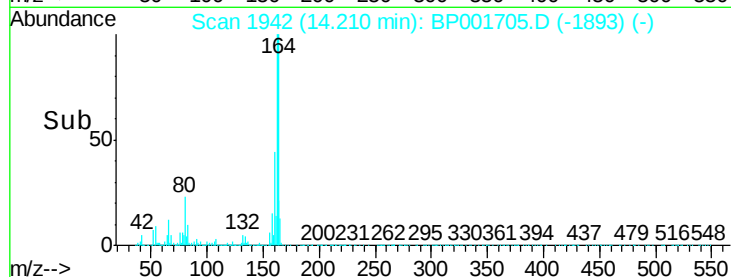
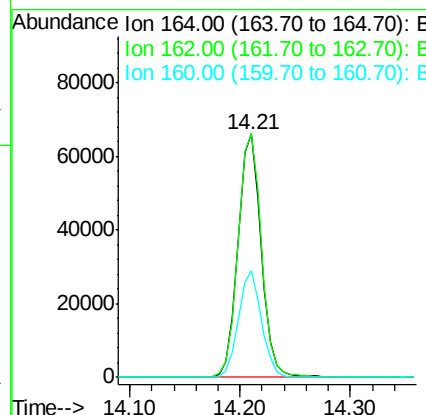
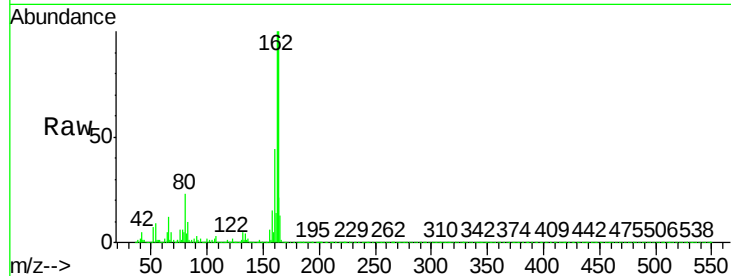




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.21 min Scan# 1942
Delta R.T. -0.01 min
Lab File: BP001705.D
Acq: 28 Jan 2020 14:23

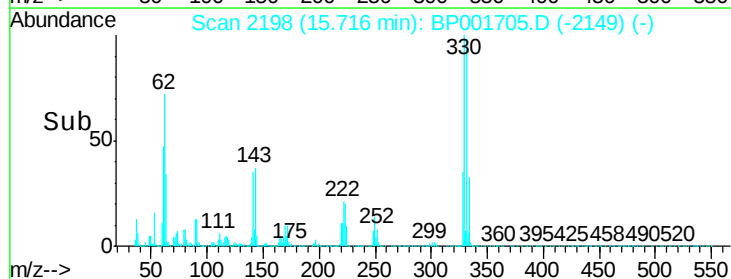
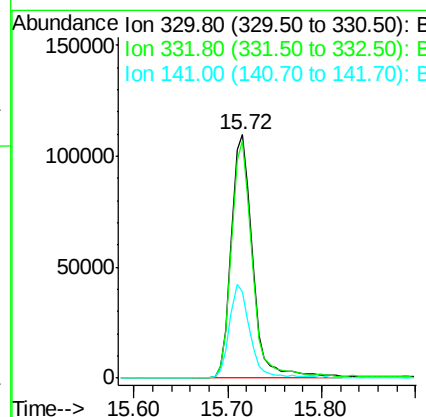
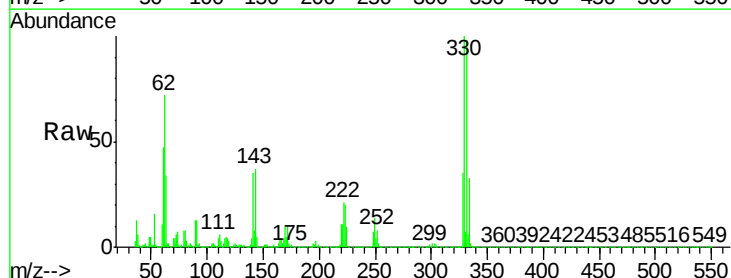
Instrument :
BNA_P
ClientSampleId :

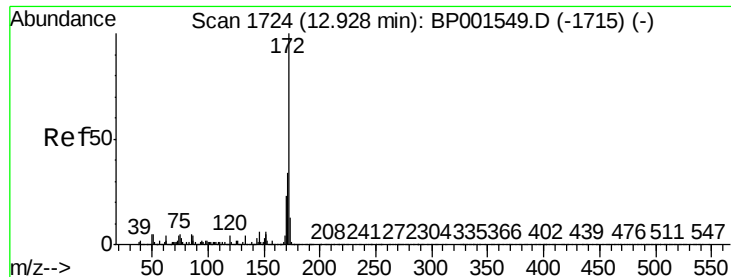
Tot Ion:164 Resp: 97595
Ion Ratio Lower Upper
164 100
162 100.0 79.8 119.6
160 44.0 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 117.750 ng
RT: 15.72 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BP001705.D
Acq: 28 Jan 2020 14:23

Tgt Ion:330 Resp: 174928
Ion Ratio Lower Upper
330 100
332 97.7 77.8 116.6
141 37.4 28.7 43.1

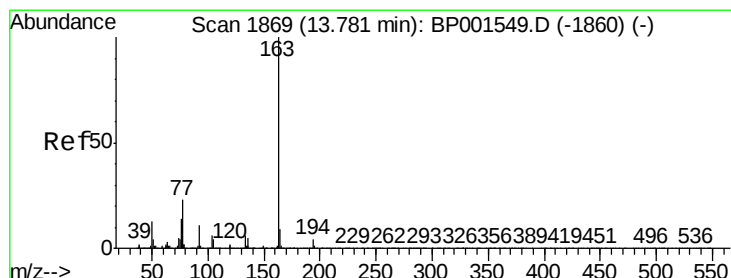
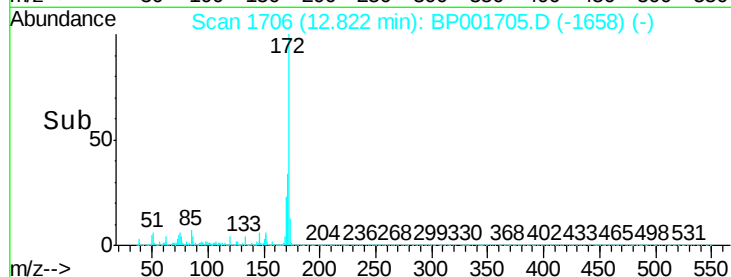
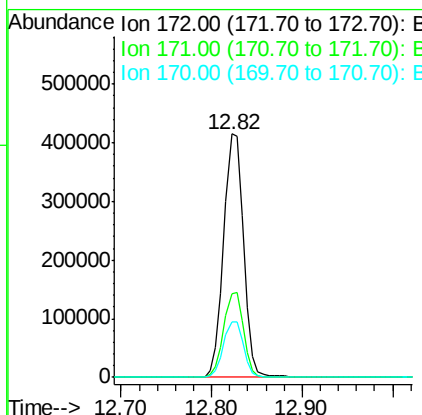
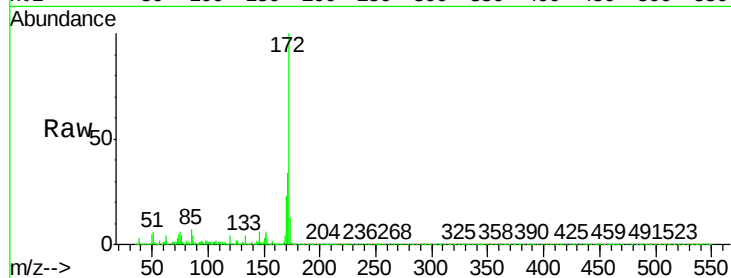




#45
 2-Fluorobiphenyl
 Concen: 95.529 ng
 RT: 12.82 min Scan# 1706
 Delta R.T. -0.02 min
 Lab File: BP001705.D
 Acq: 28 Jan 2020 14:23

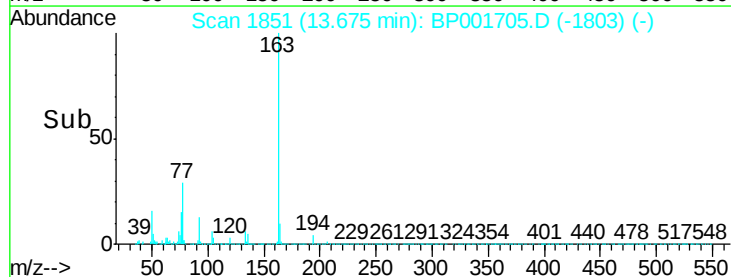
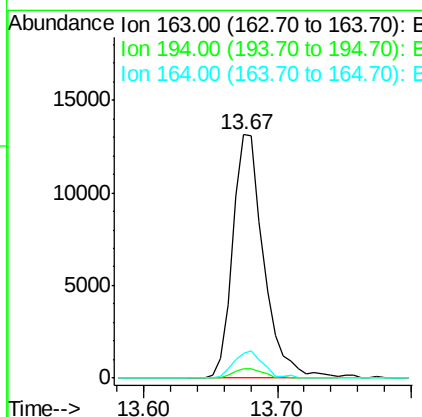
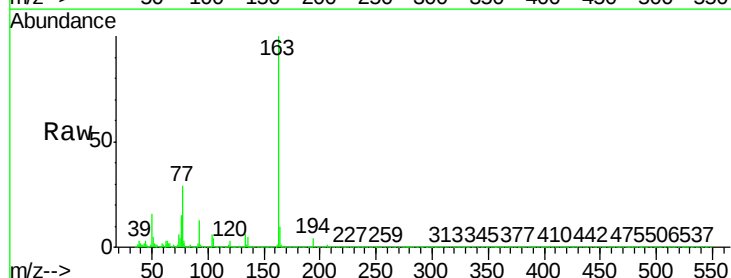
Instrument :
 BNA_P
 ClientSampled :

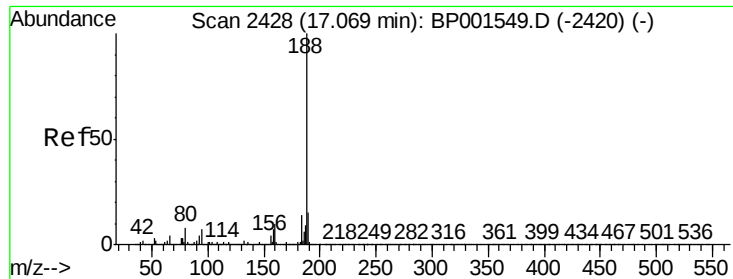
Tot Ion:172 Resp: 634111
 Ion Ratio Lower Upper
 172 100
 171 34.4 27.6 41.4
 170 22.8 18.3 27.5



#50
 Dimethylphthalate
 Concen: 2.637 ng
 RT: 13.67 min Scan# 1851
 Delta R.T. -0.02 min
 Lab File: BP001705.D
 Acq: 28 Jan 2020 14:23

Tgt Ion:163 Resp: 21198
 Ion Ratio Lower Upper
 163 100
 194 3.9 3.6 5.4
 164 10.2 7.5 11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2412

Delta R.T. -0.01 min

Lab File: BP001705.D

Acq: 28 Jan 2020 14:23

Instrument :

BNA_P

ClientSampleId :

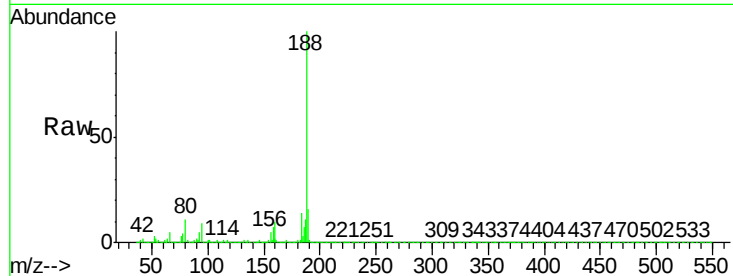
Tot Ion:188 Resp: 244016

Ion Ratio Lower Upper

188 100

94 9.0 5.9 8.9#

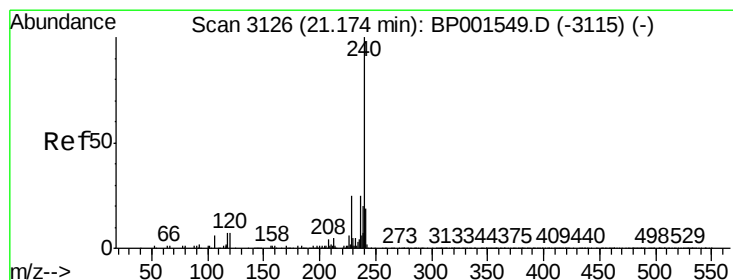
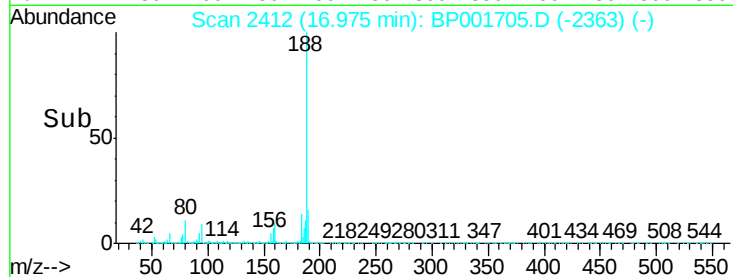
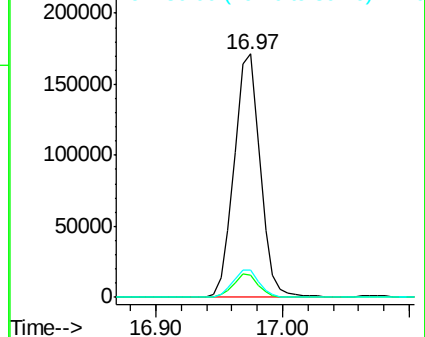
80 11.4 6.8 10.2#



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.08 min Scan# 3110

Delta R.T. -0.01 min

Lab File: BP001705.D

Acq: 28 Jan 2020 14:23

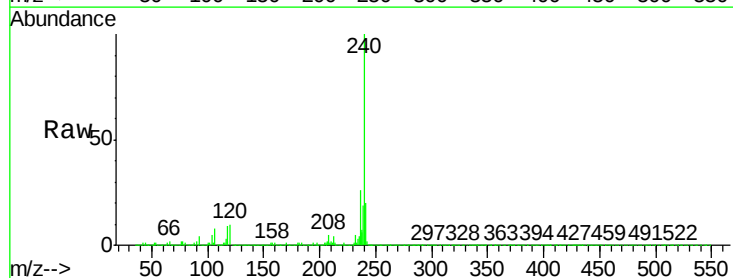
Tgt Ion:240 Resp: 265773

Ion Ratio Lower Upper

240 100

120 9.7 5.7 8.5#

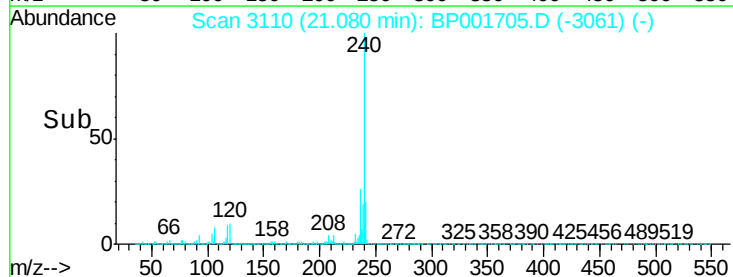
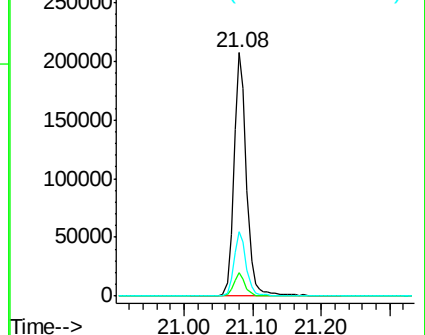
236 26.3 20.4 30.6

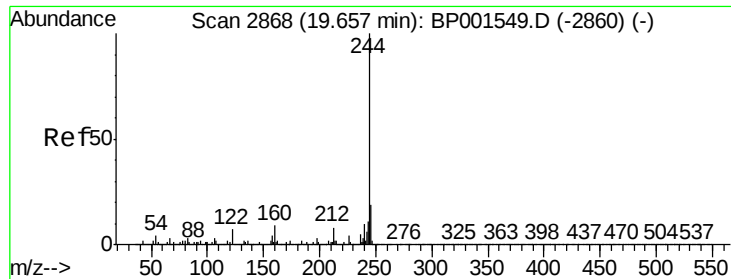


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.483 ng

RT: 19.57 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BP001705.D

Acq: 28 Jan 2020 14:23

Instrument :

BNA_P

ClientSampleId :

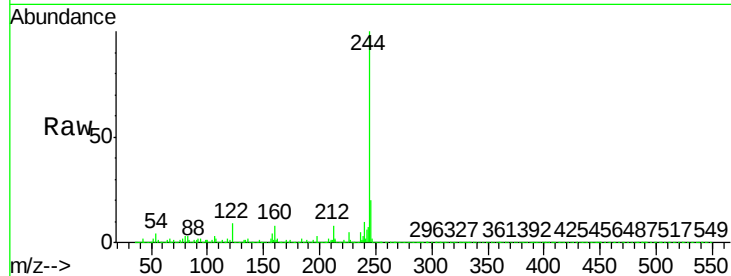
Tot Ion:244 Resp: 1285734

Ion Ratio Lower Upper

244 100

212 7.8 6.3 9.5

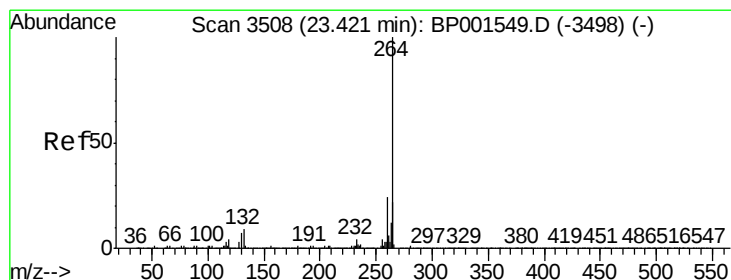
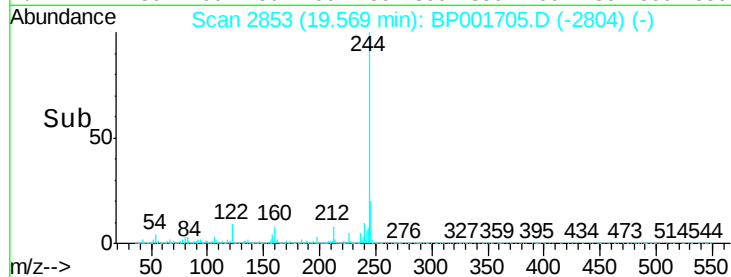
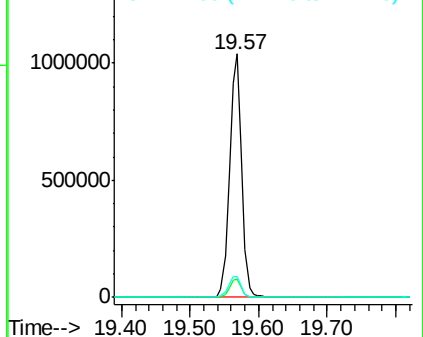
122 8.5 5.8 8.6



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 23.28 min Scan# 3484

Delta R.T. -0.01 min

Lab File: BP001705.D

Acq: 28 Jan 2020 14:23

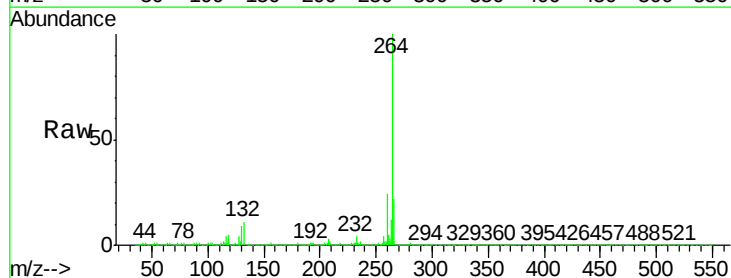
Tgt Ion:264 Resp: 175443

Ion Ratio Lower Upper

264 100

260 24.1 19.0 28.6

265 21.6 18.2 27.4



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

