

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012820\
 Data File : BP001707.D
 Acq On : 28 Jan 2020 15:30
 Operator : CG/JU
 Sample : L1269-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 28 22:08:17 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

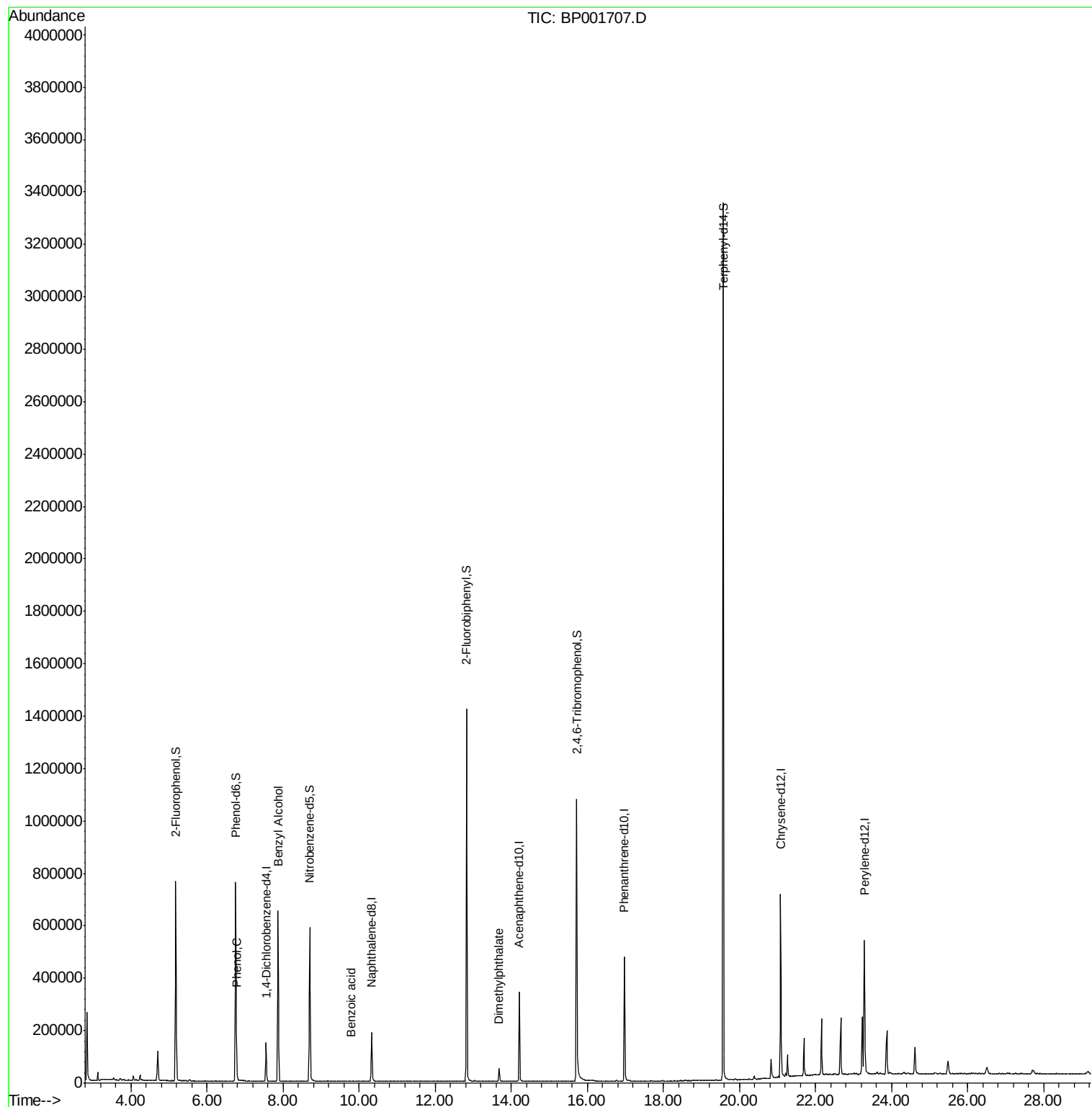
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	32977	20.00	ng	-0.01
21) Naphthalene-d8	10.33	136	143050	20.00	ng	-0.01
39) Acenaphthene-d10	14.21	164	109564	20.00	ng	-0.01
64) Phenanthrene-d10	16.97	188	280551	20.00	ng	-0.02
76) Chrysene-d12	21.08	240	323235	20.00	ng	-0.01
87) Perylene-d12	23.28	264	362206	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	269405	160.03	ng	0.00
7) Phenol-d6	6.75	99	356814	132.62	ng	-0.01
23) Nitrobenzene-d5	8.70	82	323008	98.67	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	190582	114.27	ng	-0.01
45) 2-Fluorobiphenyl	12.83	172	708709	95.10	ng	-0.01
79) Terphenyl-d14	19.57	244	1508106	85.34	ng	-0.01
Target Compounds						
10) Phenol	6.78	94	6073	2.182	ng	# 59
15) Benzyl Alcohol	7.87	79	5253	2.073	ng	# 49
32) Benzoic acid	9.79	122	37	4.723	ng	# 54
50) Dimethylphthalate	13.67	163	32929	3.649	ng	99

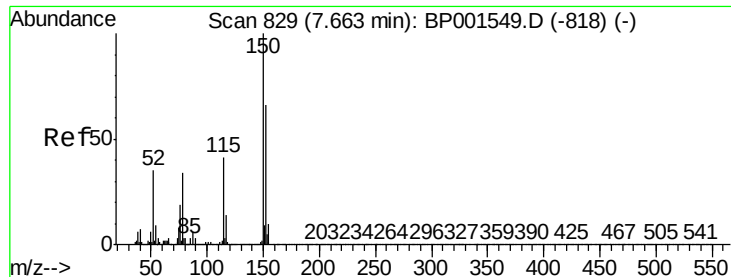
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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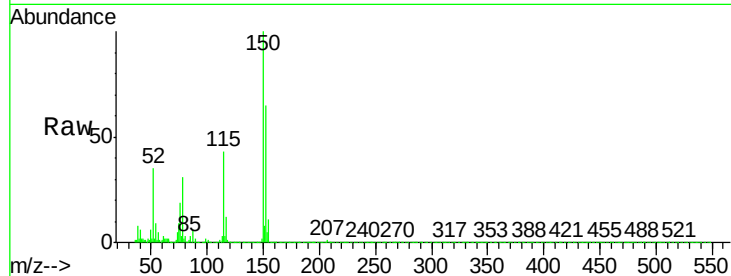


#1

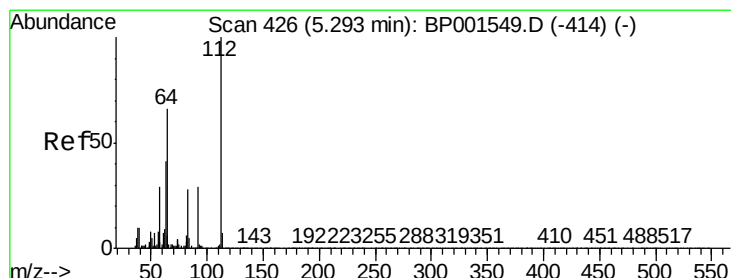
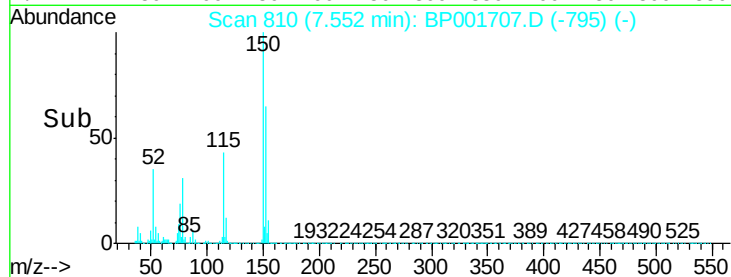
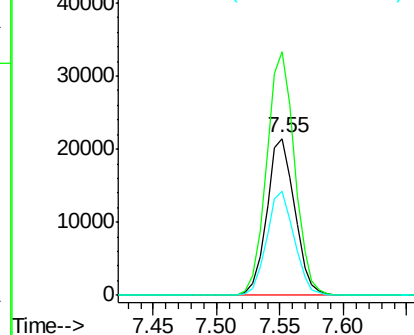
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001707.D
Acq: 28 Jan 2020 15:30

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 32977
Ion Ratio Lower Upper
152 100
150 154.9 122.0 183.0
115 66.6 50.7 76.1



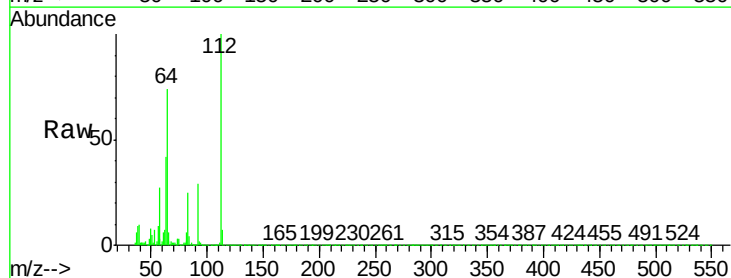
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



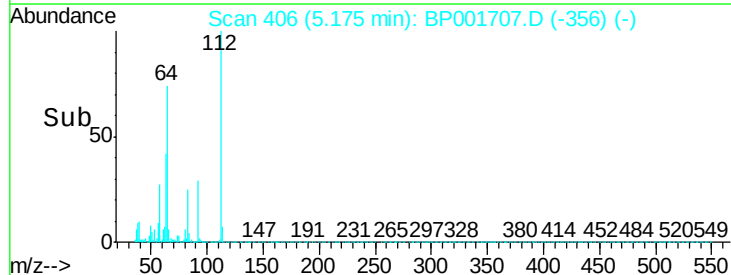
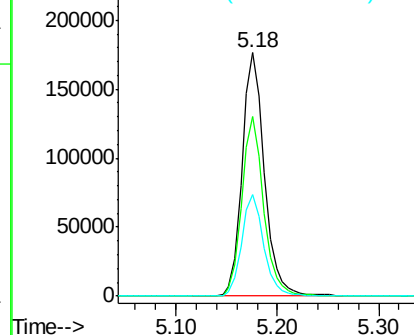
#5

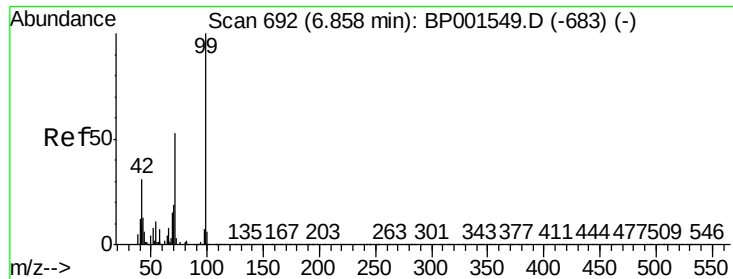
2-Fluorophenol
Concen: 160.032 ng
RT: 5.18 min Scan# 406
Delta R.T. -0.01 min
Lab File: BP001707.D
Acq: 28 Jan 2020 15:30

Tgt Ion:112 Resp: 269405
Ion Ratio Lower Upper
112 100
64 73.6 52.8 79.2
63 41.8 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: 132.622 ng

RT: 6.75 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP001707.D

Acq: 28 Jan 2020 15:30

Instrument :

BNA_P

ClientSampleId :

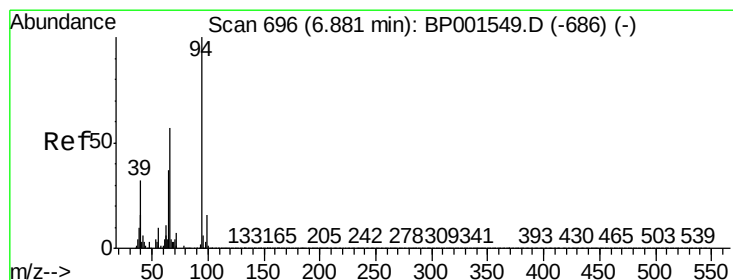
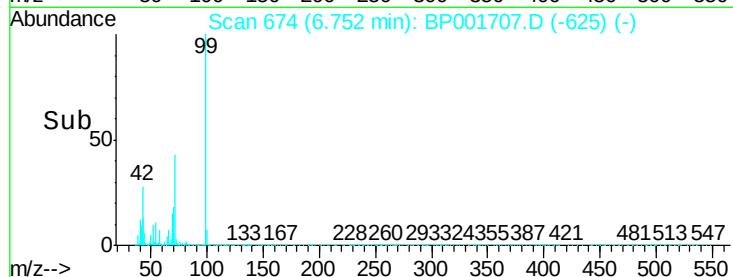
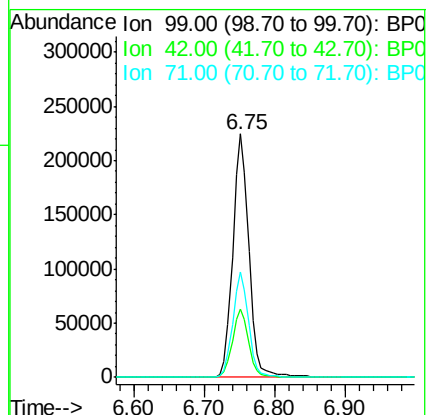
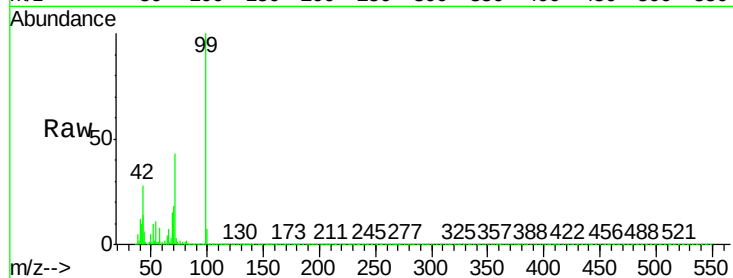
Tot Ion: 99 Resp: 356814

Ion Ratio Lower Upper

99 100

42 27.9 24.5 36.7

71 43.2 42.4 63.6



#10

Phenol

Concen: 2.182 ng

RT: 6.78 min Scan# 678

Delta R.T. -0.01 min

Lab File: BP001707.D

Acq: 28 Jan 2020 15:30

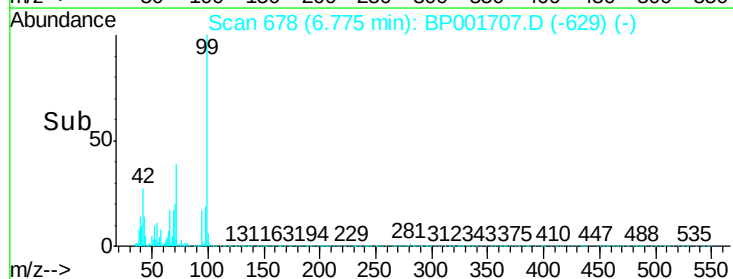
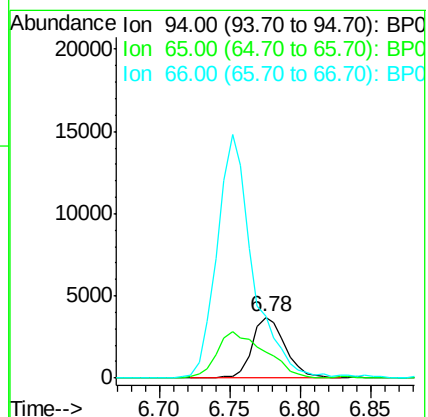
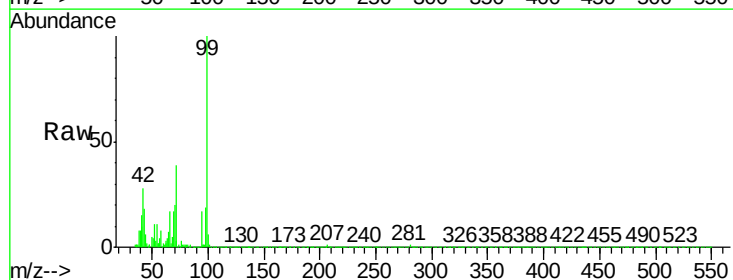
Tgt Ion: 94 Resp: 6073

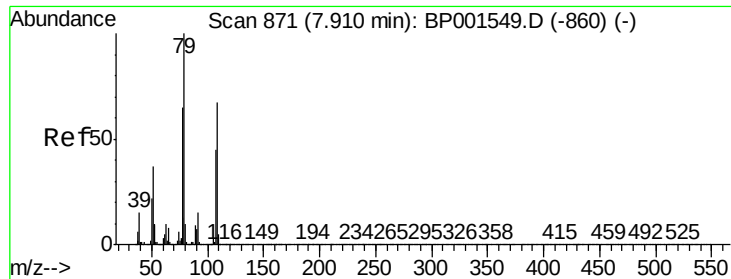
Ion Ratio Lower Upper

94 100

65 43.7 17.5 57.5

66 101.2 36.7 76.7#

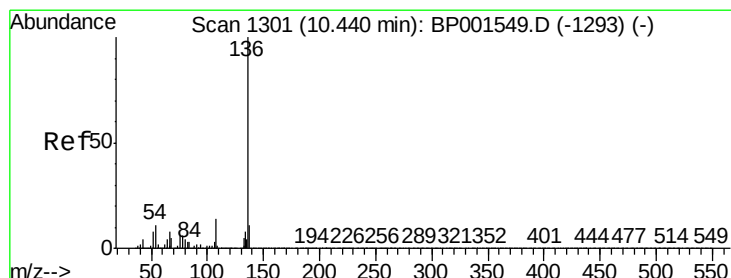
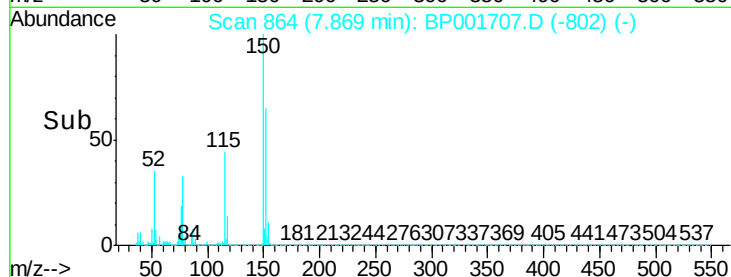
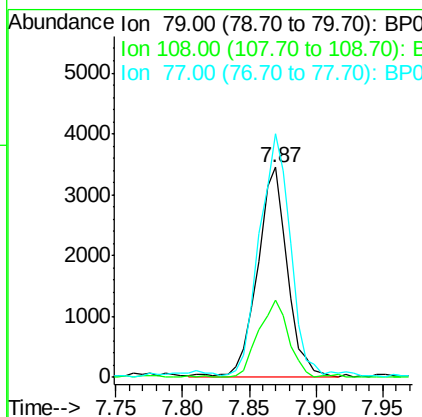
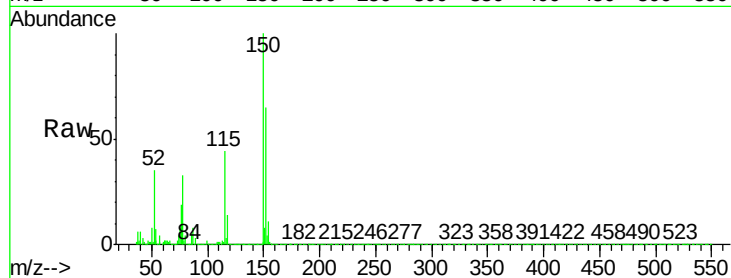




#15
Benzyl Alcohol
Concen: 2.073 ng
RT: 7.87 min Scan# 864
Delta R.T. 0.06 min
Lab File: BP001707.D
Acq: 28 Jan 2020 15:30

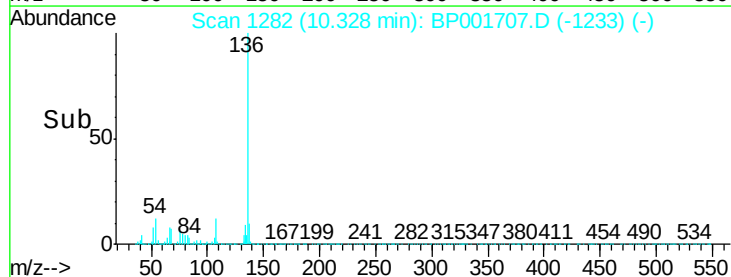
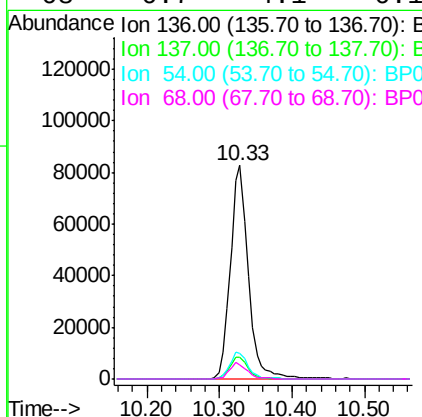
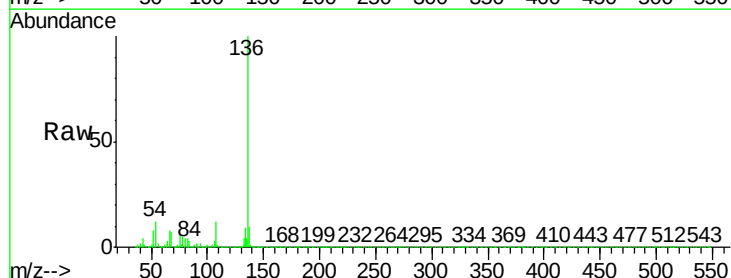
Instrument :
BNA_P
ClientSampled :

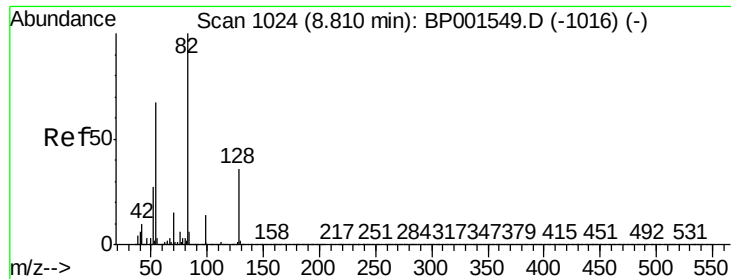
Tot Ion: 79 Resp: 5253
Ion Ratio Lower Upper
79 100
108 36.7 53.2 79.8#
77 116.1 52.1 78.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1282
Delta R.T. -0.01 min
Lab File: BP001707.D
Acq: 28 Jan 2020 15:30

Tgt Ion: 136 Resp: 143050
Ion Ratio Lower Upper
136 100
137 10.4 8.6 12.8
54 11.9 9.2 13.8
68 6.7 4.1 6.1#

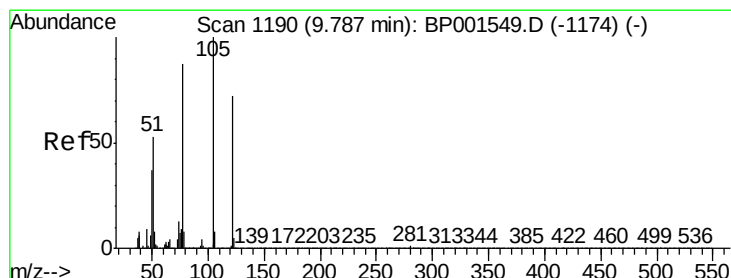
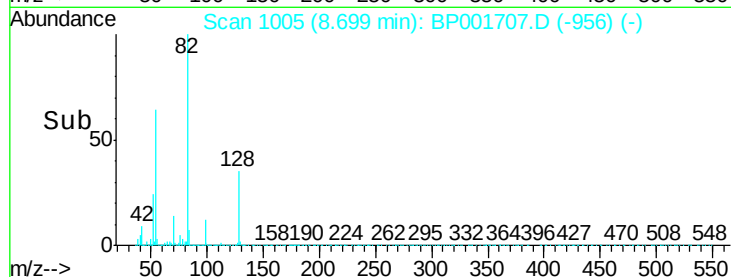
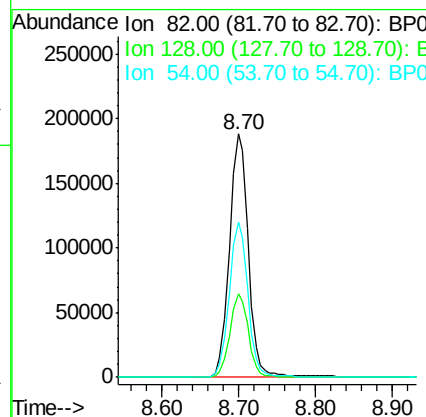
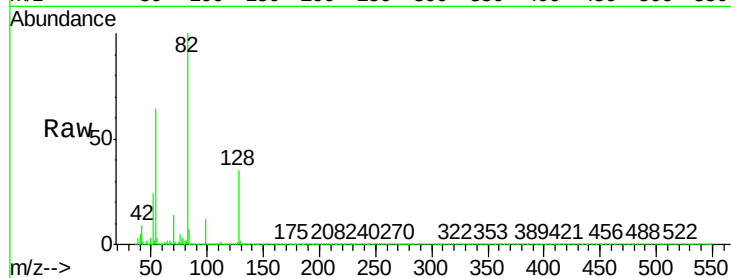




#23
 Nitrobenzene-d5
 Concen: 98.669 ng
 RT: 8.70 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BP001707.D
 Acq: 28 Jan 2020 15:30

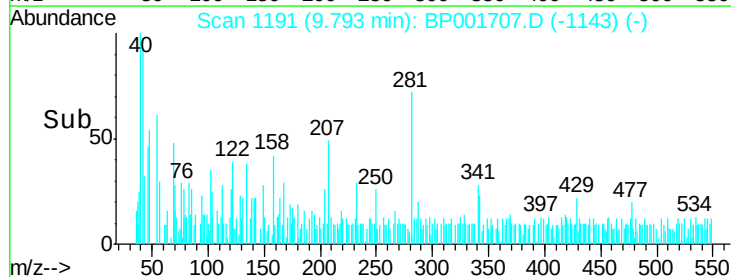
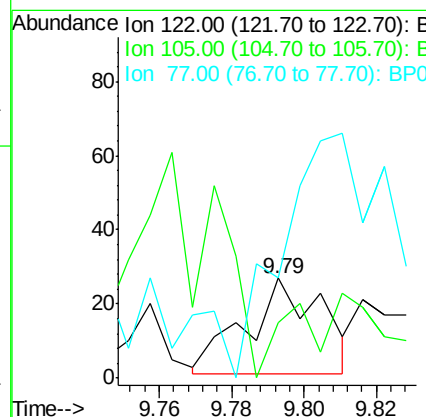
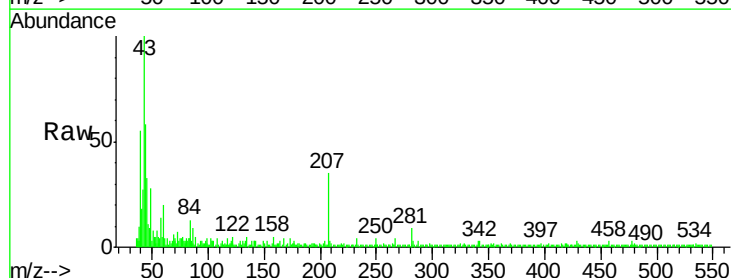
Instrument :
 BNA_P
 ClientSampled :

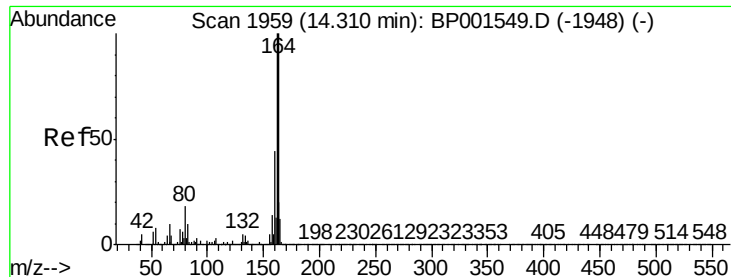
Tot Ion	82	Resp	323008
Ion Ratio	Lower	Upper	
82	100		
128	34.6	28.4	42.6
54	63.8	53.4	80.2



#32
 Benzoic acid
 Concen: 4.723 ng
 RT: 9.79 min Scan# 1191
 Delta R.T. -0.02 min
 Lab File: BP001707.D
 Acq: 28 Jan 2020 15:30

Tgt Ion	122	Resp	37
Ion Ratio	Lower	Upper	
122	100		
105	55.6	119.5	159.5#
77	100.0	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: BP001707.D

Acq: 28 Jan 2020 15:30

Instrument :

BNA_P

ClientSampled :

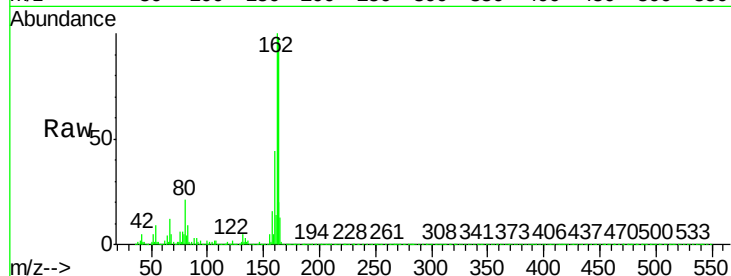
Tot Ion:164 Resp: 109564

Ion Ratio Lower Upper

164 100

162 101.9 79.8 119.6

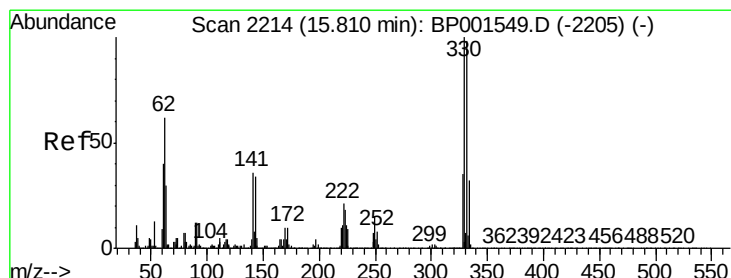
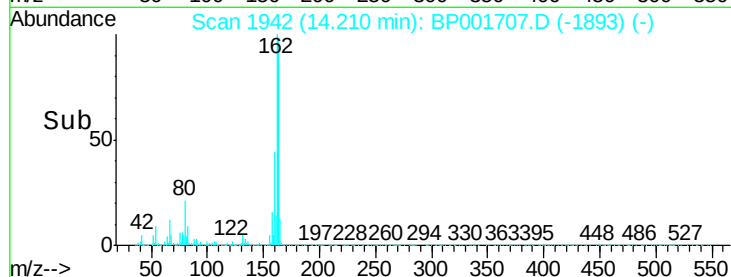
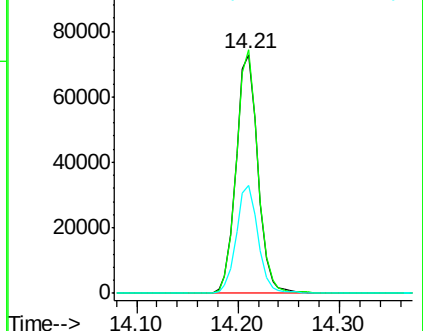
160 45.1 35.0 52.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 114.273 ng

RT: 15.72 min Scan# 2198

Delta R.T. -0.01 min

Lab File: BP001707.D

Acq: 28 Jan 2020 15:30

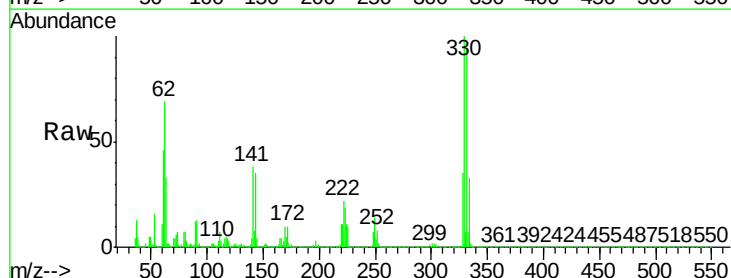
Tgt Ion:330 Resp: 190582

Ion Ratio Lower Upper

330 100

332 99.0 77.8 116.6

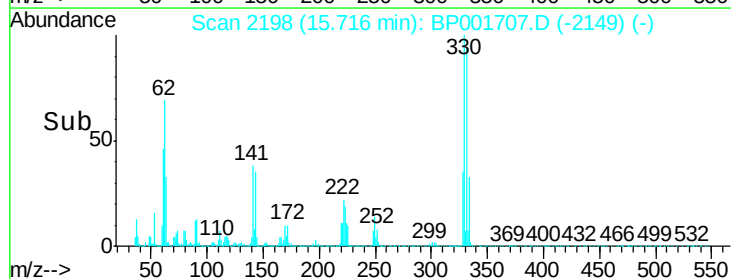
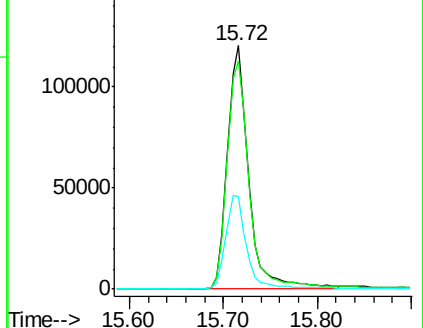
141 38.2 28.7 43.1

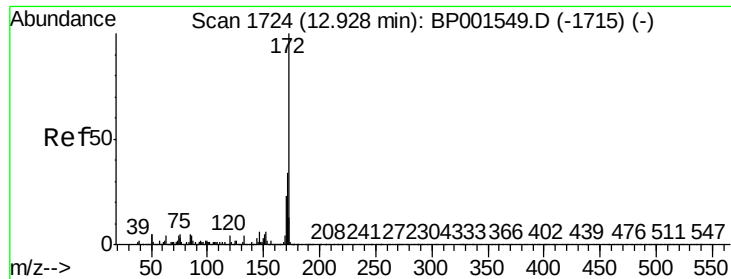


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

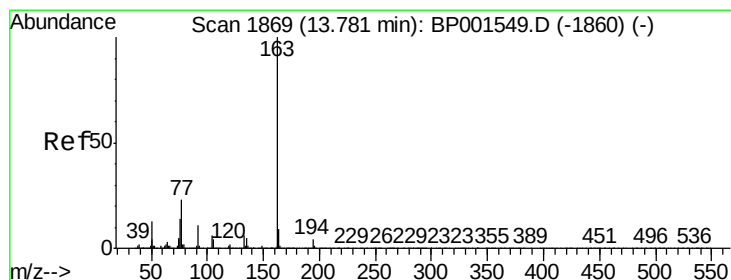
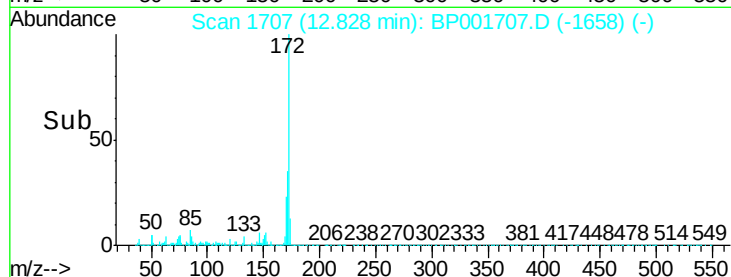
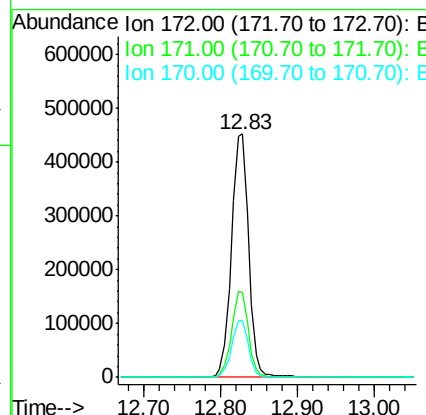
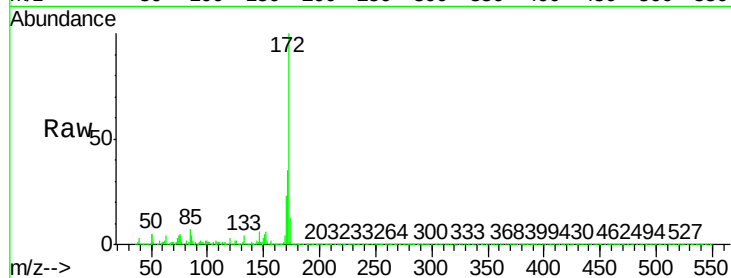




#45
2-Fluorobiphenyl
Concen: 95.104 ng
RT: 12.83 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001707.D
Acq: 28 Jan 2020 15:30

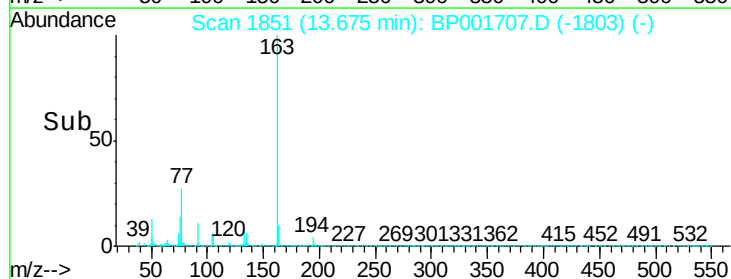
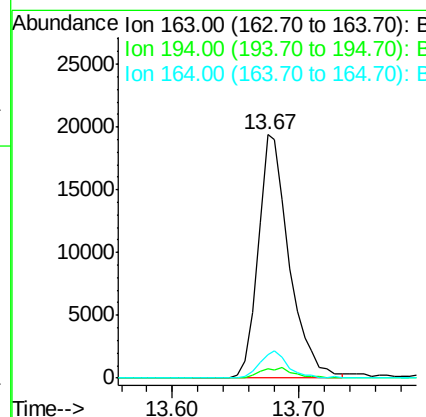
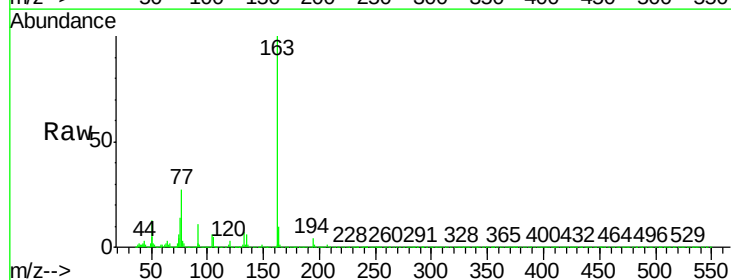
Instrument :
BNA_P
ClientSampleId :

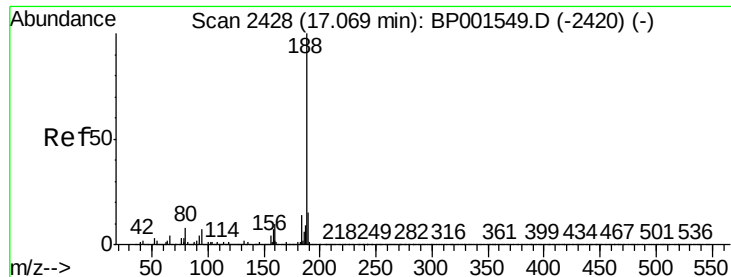
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.6	41.4
170	23.1	18.3	27.5



#50
Dimethylphthalate
Concen: 3.649 ng
RT: 13.67 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP001707.D
Acq: 28 Jan 2020 15:30

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	9.8	7.5	11.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2411

Delta R.T. -0.02 min

Lab File: BP001707.D

Acq: 28 Jan 2020 15:30

Instrument :

BNA_P

ClientSampleId :

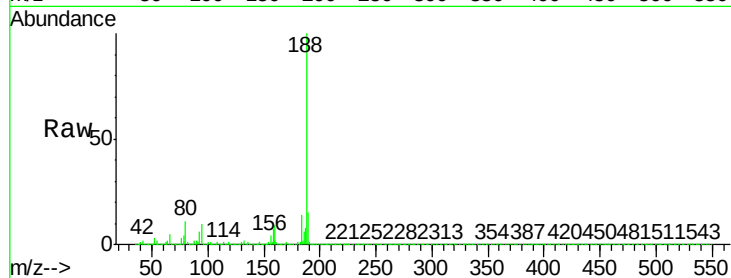
Tot Ion:188 Resp: 280551

Ion Ratio Lower Upper

188 100

94 9.9 5.9 8.9#

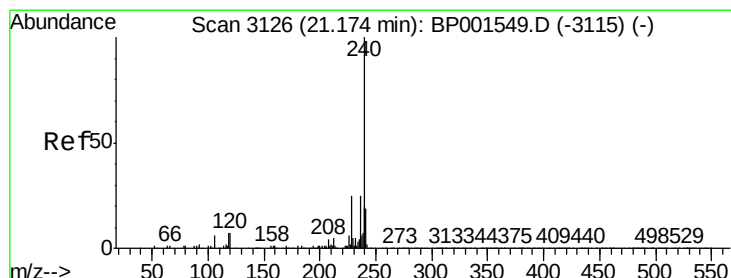
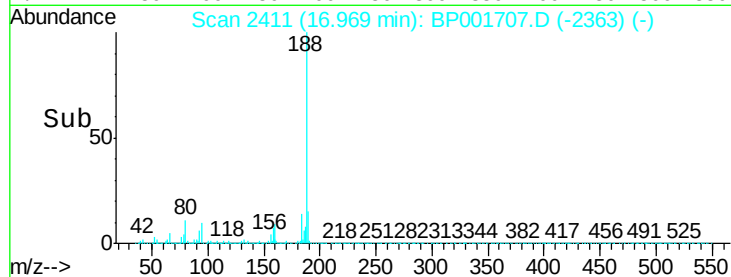
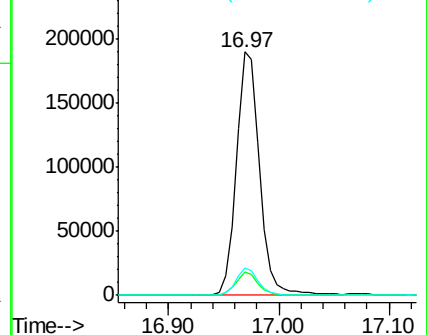
80 11.2 6.8 10.2#



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: BP001707.D

Acq: 28 Jan 2020 15:30

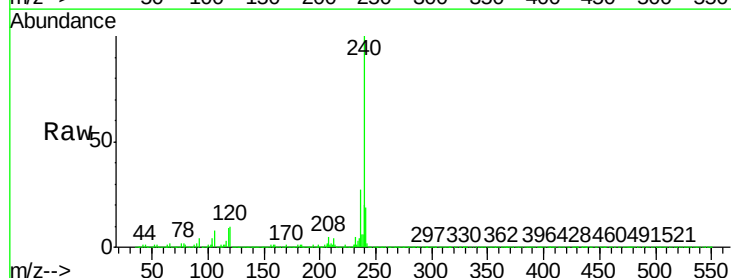
Tgt Ion:240 Resp: 323235

Ion Ratio Lower Upper

240 100

120 9.8 5.7 8.5#

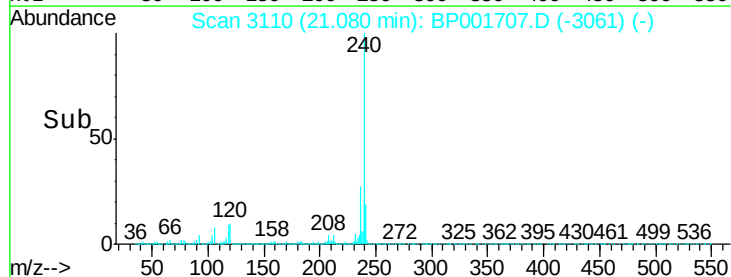
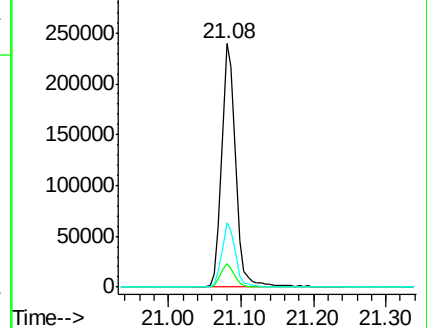
236 26.5 20.4 30.6

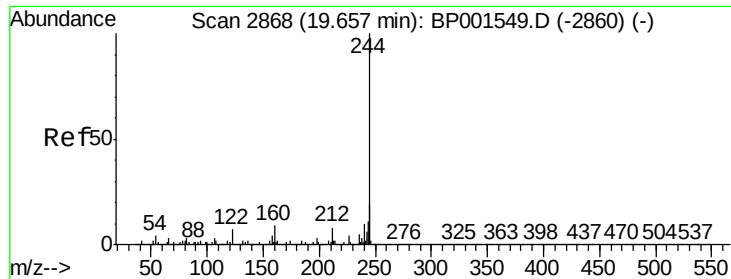


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.337 ng

RT: 19.57 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BP001707.D

Acq: 28 Jan 2020 15:30

Instrument :

BNA_P

ClientSampleId :

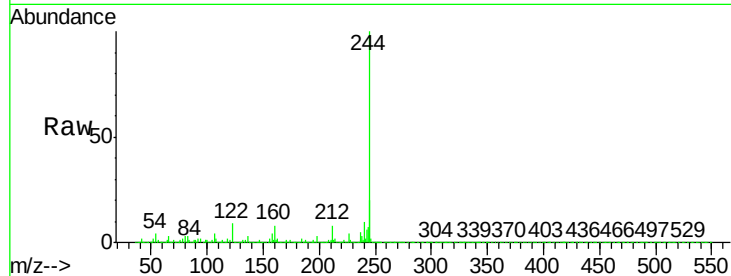
Tot Ion:244 Resp: 1508106

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

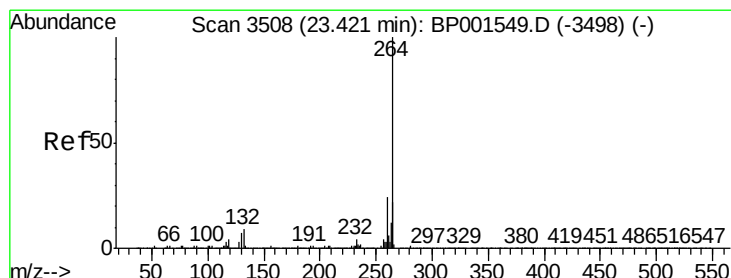
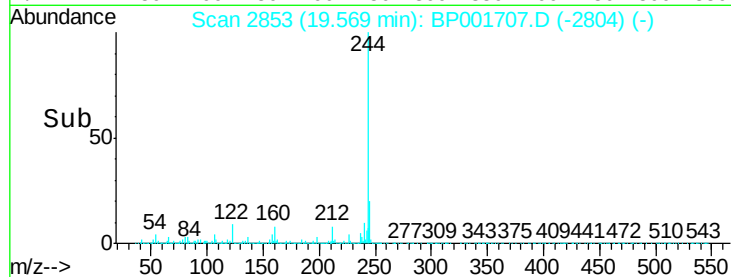
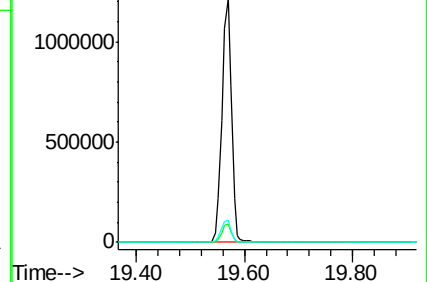
122 9.2 5.8 8.6#



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: BP001707.D

Acq: 28 Jan 2020 15:30

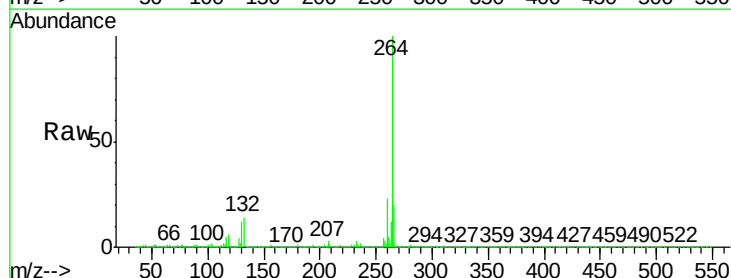
Tgt Ion:264 Resp: 362206

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 20.1 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

