

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP012820\
 Data File : BP001704.D
 Acq On : 28 Jan 2020 13:49
 Operator : CG/JU
 Sample : L1010-12
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 28 22:07:21 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

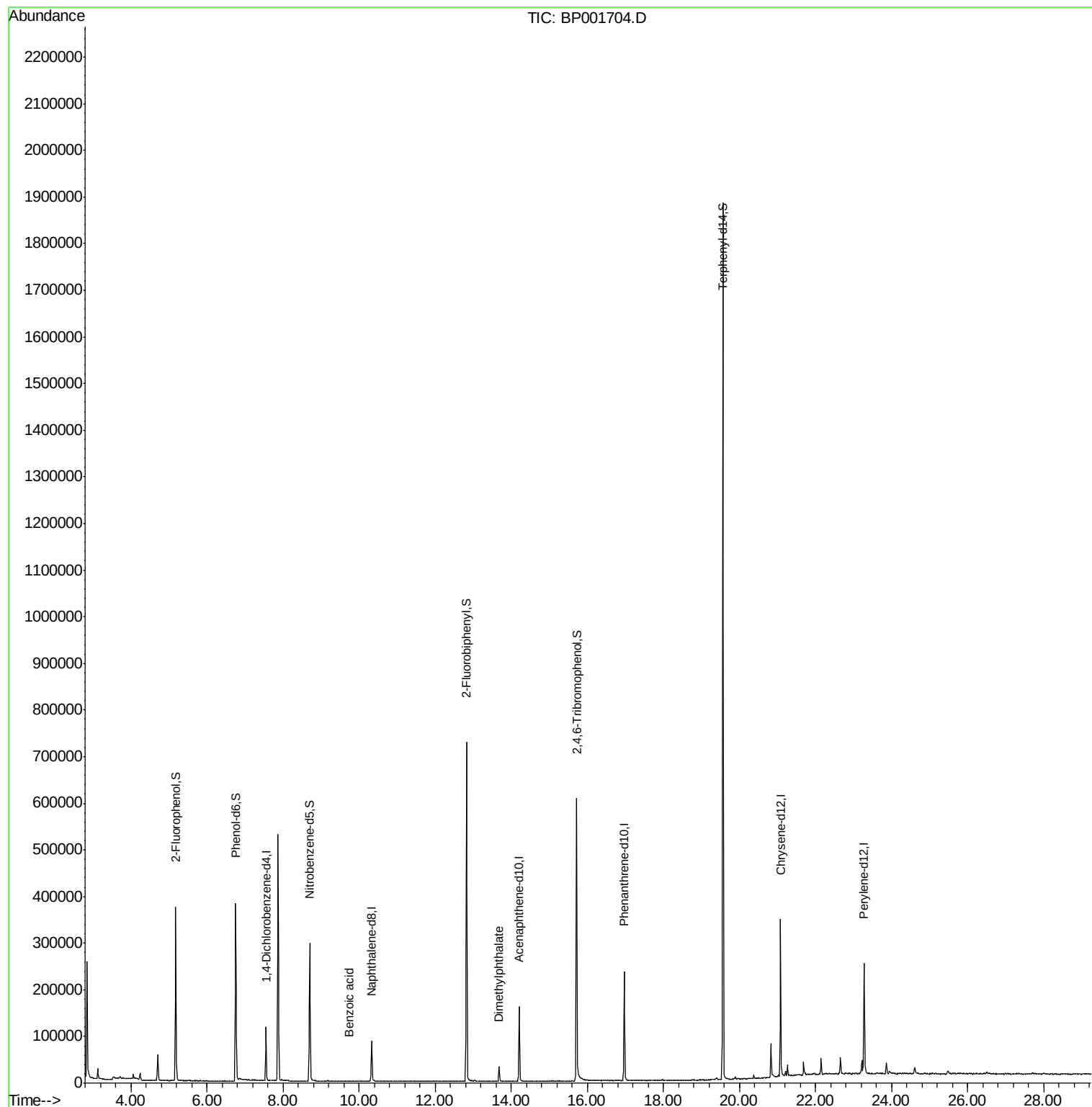
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	25484	20.00	ng	-0.01
21) Naphthalene-d8	10.33	136	61999	20.00	ng	-0.01
39) Acenaphthene-d10	14.21	164	49526	20.00	ng	-0.01
64) Phenanthrene-d10	16.97	188	132459	20.00	ng	-0.01
76) Chrysene-d12	21.08	240	155225	20.00	ng	-0.01
87) Perylene-d12	23.28	264	168801	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.18	112	118998	91.47	ng	0.00
7) Phenol-d6	6.75	99	158900	76.43	ng	-0.01
23) Nitrobenzene-d5	8.70	82	146682	103.38	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	101060	134.05	ng	-0.01
45) 2-Fluorobiphenyl	12.82	172	334143	99.20	ng	-0.02
79) Terphenyl-d14	19.57	244	797599	93.98	ng	-0.01
Target Compounds						
32) Benzoic acid	9.73	122	12	4.718	ng	90
50) Dimethylphthalate	13.67	163	18261	4.477	ng	97

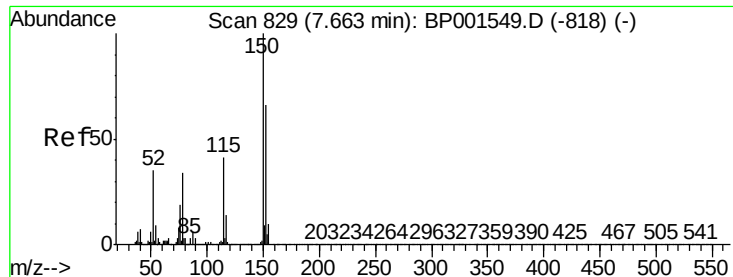
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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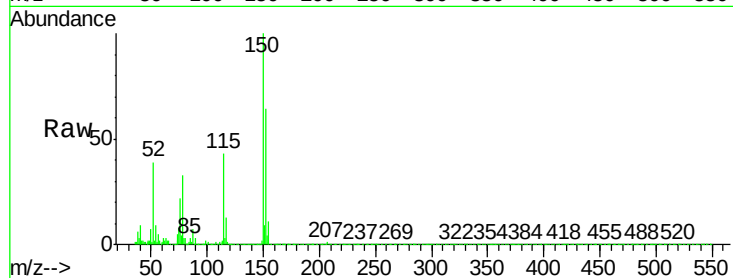


#1

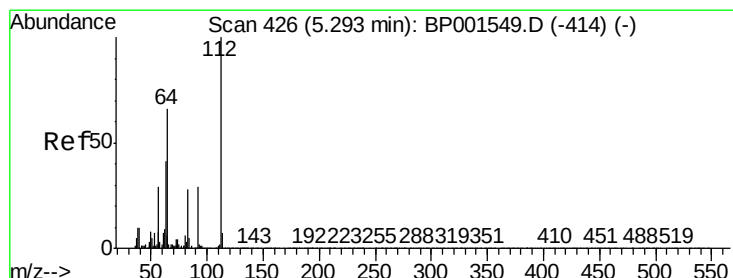
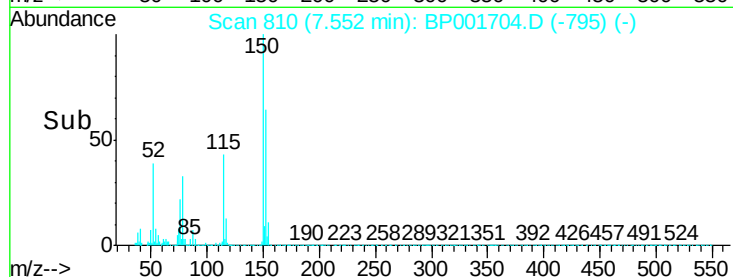
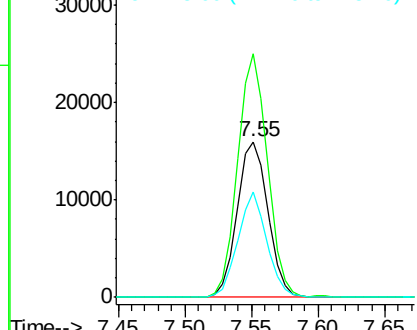
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.55 min Scan# 810
Delta R.T. -0.01 min
Lab File: BP001704.D
Acq: 28 Jan 2020 13:49

Instrument :
BNA_P
ClientSampleId :

Tot Ion:152 Resp: 25484
Ion Ratio Lower Upper
152 100
150 156.4 122.0 183.0
115 67.6 50.7 76.1



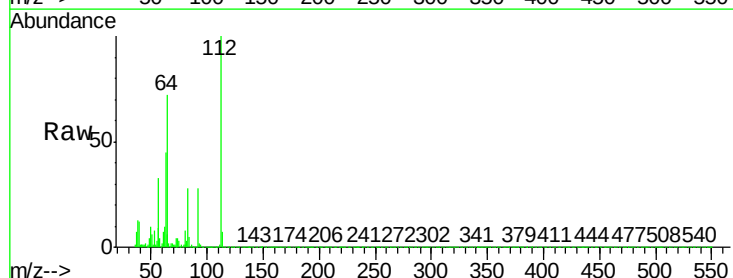
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



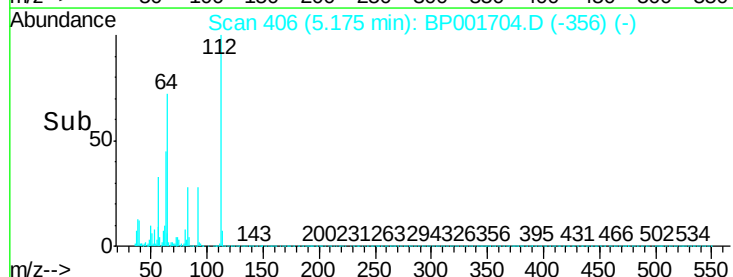
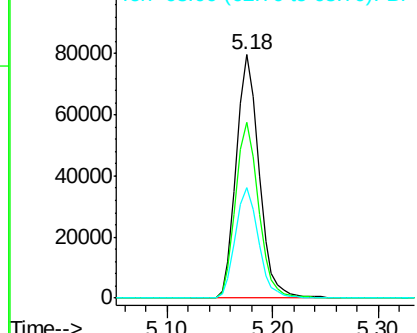
#5

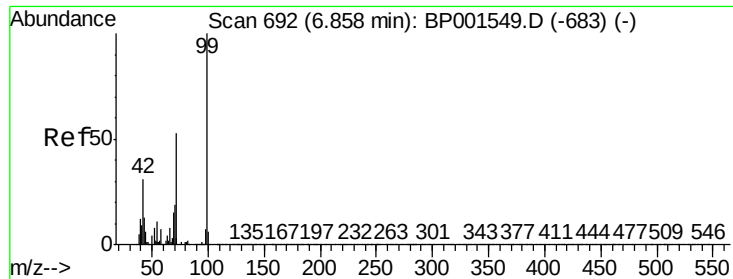
2-Fluorophenol
Concen: 91.471 ng
RT: 5.18 min Scan# 406
Delta R.T. -0.01 min
Lab File: BP001704.D
Acq: 28 Jan 2020 13:49

Tgt Ion:112 Resp: 118998
Ion Ratio Lower Upper
112 100
64 72.3 52.8 79.2
63 45.3 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: 76.426 ng

RT: 6.75 min Scan# 674

Delta R.T. -0.01 min

Lab File: BP001704.D

Acq: 28 Jan 2020 13:49

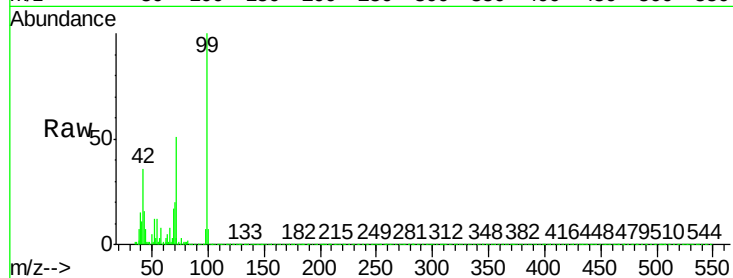
Instrument :

BNA_P

ClientSampled :

Tot Ion: 99 Resp: 158900

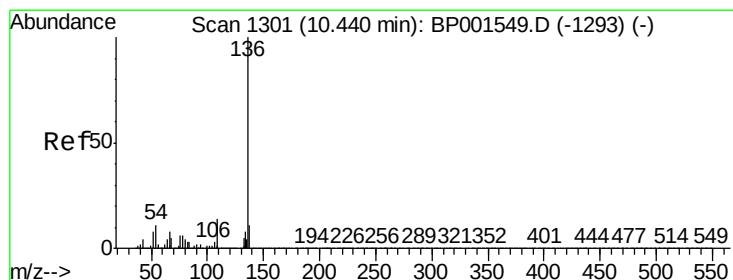
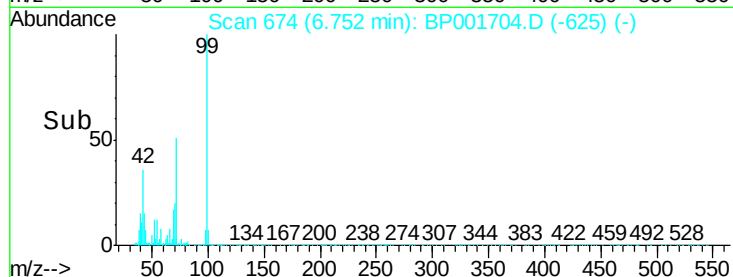
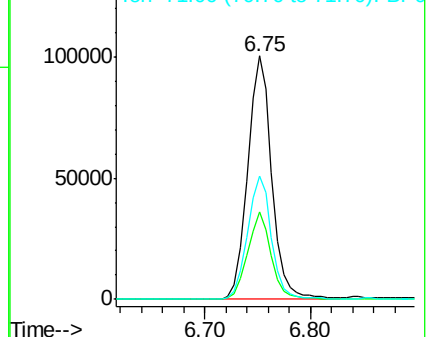
Ion	Ratio	Lower	Upper
99	100		
42	36.2	24.5	36.7
71	50.7	42.4	63.6



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.33 min Scan# 1282

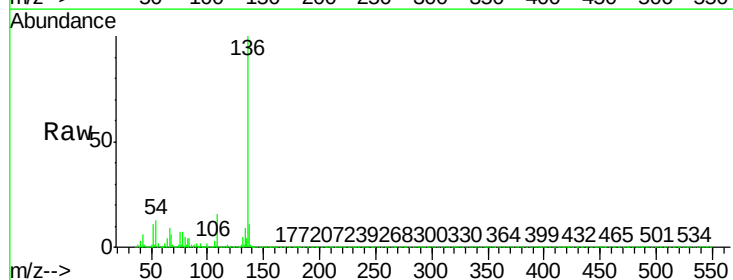
Delta R.T. -0.01 min

Lab File: BP001704.D

Acq: 28 Jan 2020 13:49

Tgt Ion: 136 Resp: 61999

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	13.1	9.2	13.8
68	7.0	4.1	6.1#

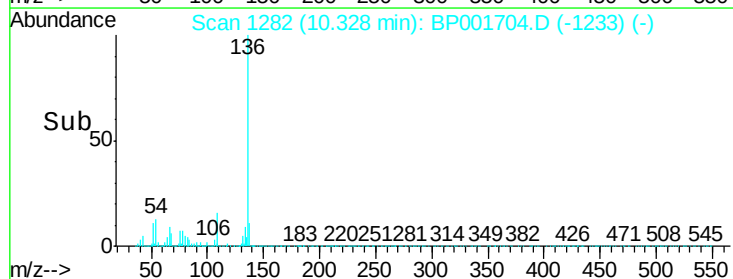
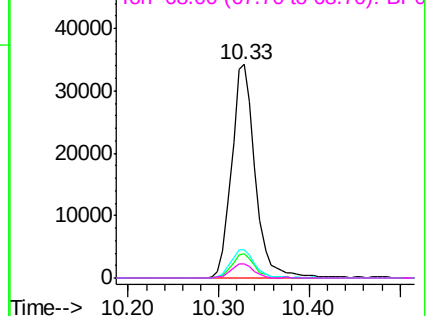


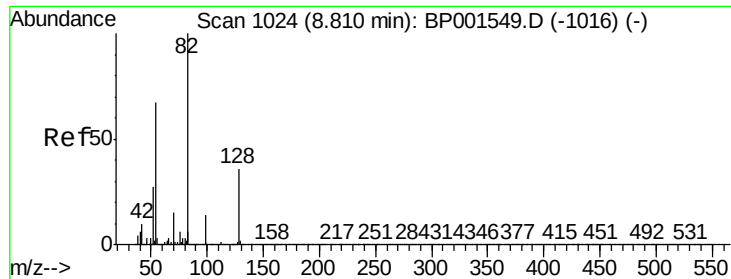
Abundance Ion 136.00 (135.70 to 136.70): E

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

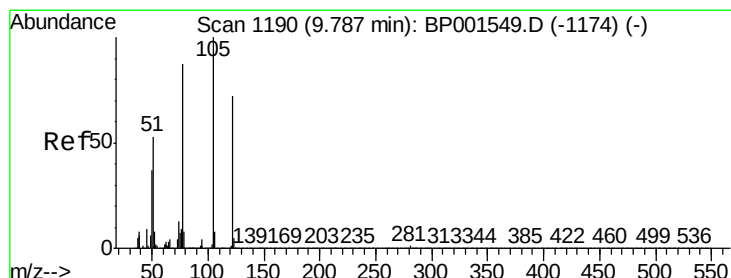
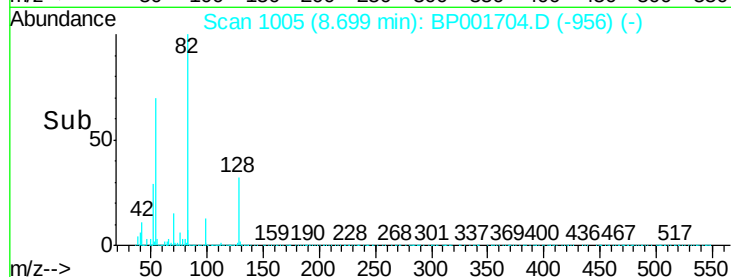
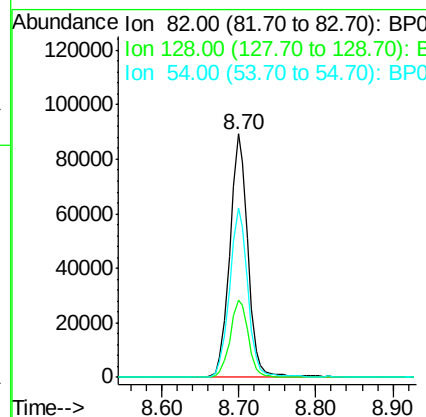
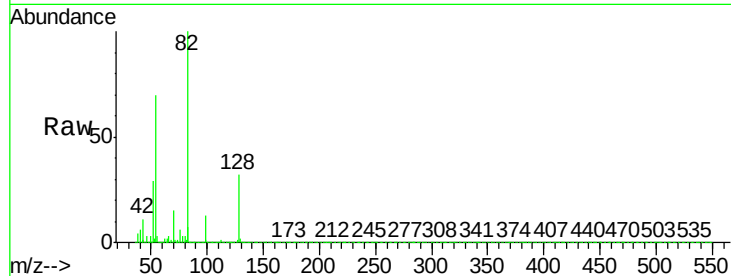




#23
 Nitrobenzene-d5
 Concen: 103.383 ng
 RT: 8.70 min Scan# 1005
 Delta R.T. -0.01 min
 Lab File: BP001704.D
 Acq: 28 Jan 2020 13:49

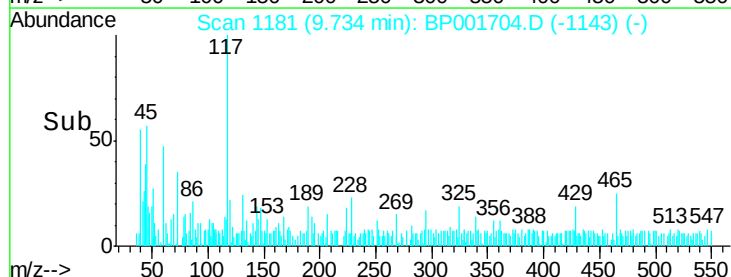
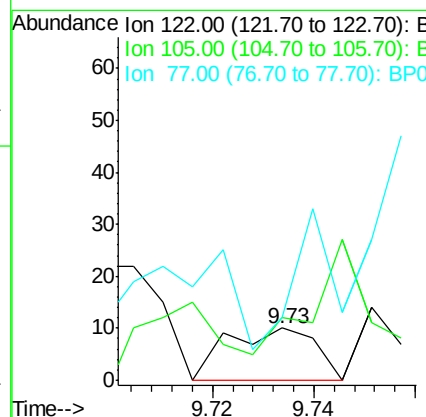
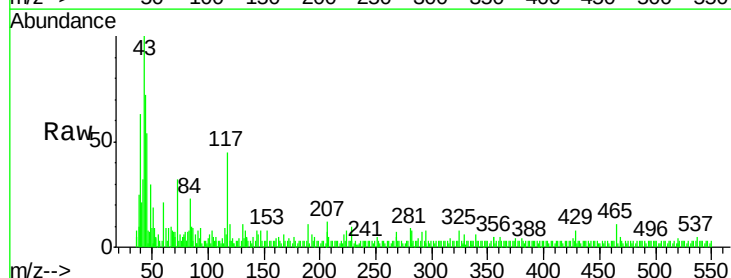
Instrument :
 BNA_P
 ClientSampleId :

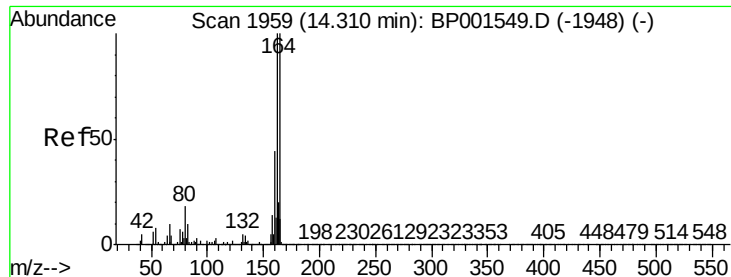
Tot Ion	82	Resp	146682
Ion Ratio	Lower	Upper	
82	100		
128	31.5	28.4	42.6
54	69.7	53.4	80.2



#32
 Benzoic acid
 Concen: 4.718 ng
 RT: 9.73 min Scan# 1181
 Delta R.T. -0.08 min
 Lab File: BP001704.D
 Acq: 28 Jan 2020 13:49

Tgt Ion	122	Resp	12
Ion Ratio	Lower	Upper	
122	100		
105	120.0	119.5	159.5
77	120.0	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: BP001704.D

Acq: 28 Jan 2020 13:49

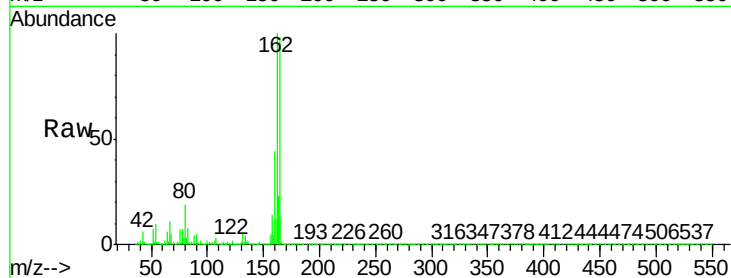
Instrument :

BNA_P

ClientSampleId :

Tot Ion:164 Resp: 49526

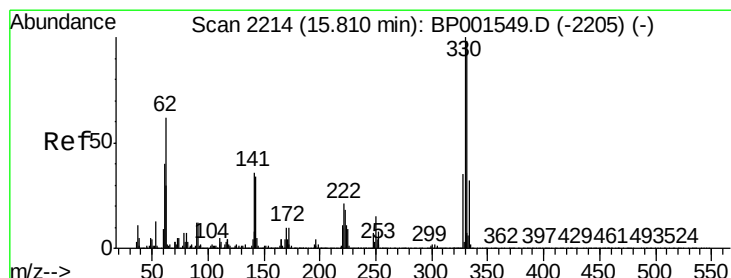
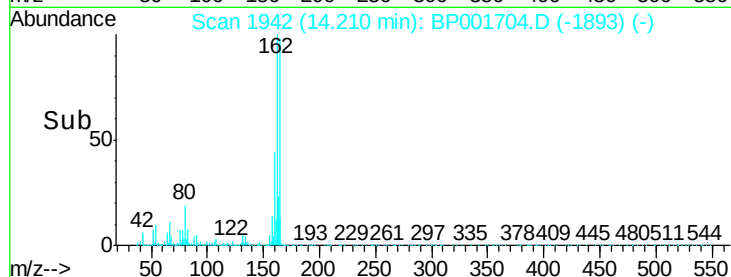
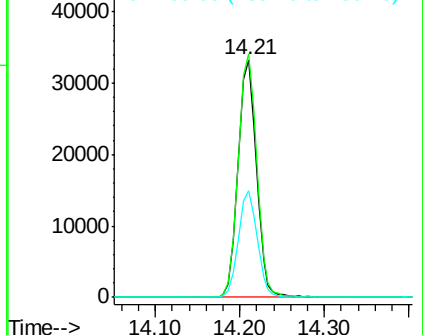
Ion	Ratio	Lower	Upper
164	100		
162	102.5	79.8	119.6
160	45.1	35.0	52.6



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: 134.052 ng

RT: 15.72 min Scan# 2198

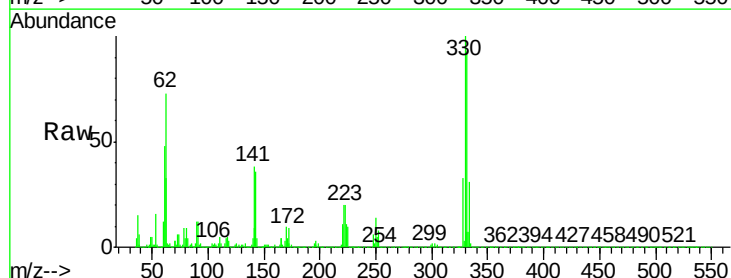
Delta R.T. -0.01 min

Lab File: BP001704.D

Acq: 28 Jan 2020 13:49

Tgt Ion:330 Resp: 101060

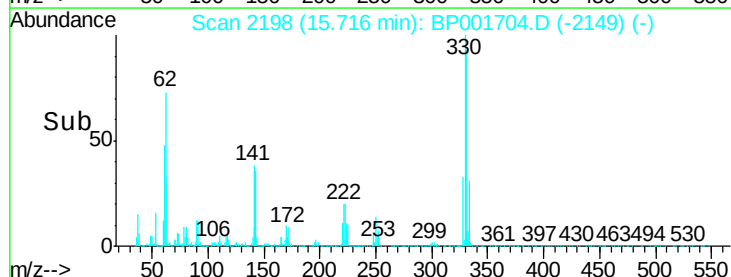
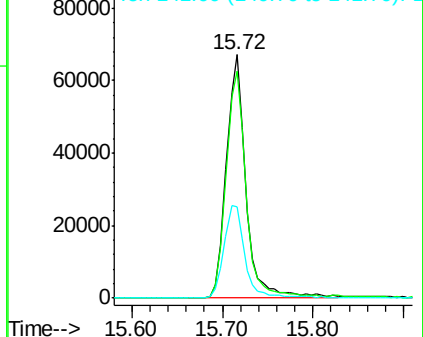
Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.8	116.6
141	40.7	28.7	43.1

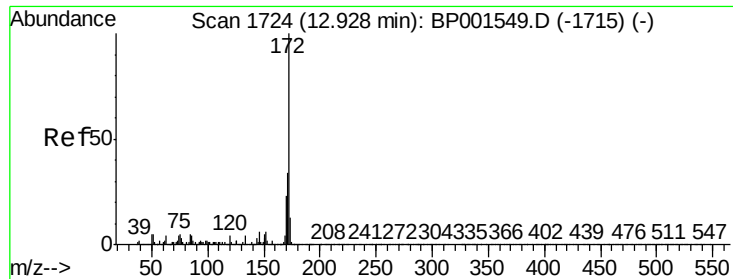


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

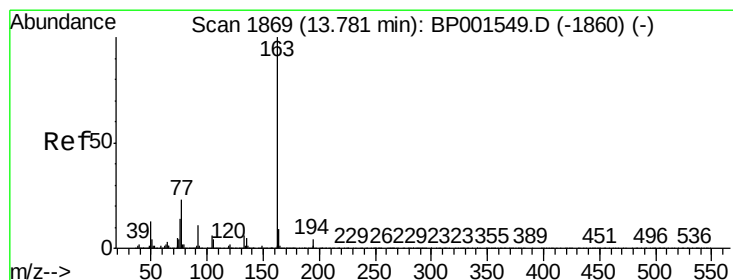
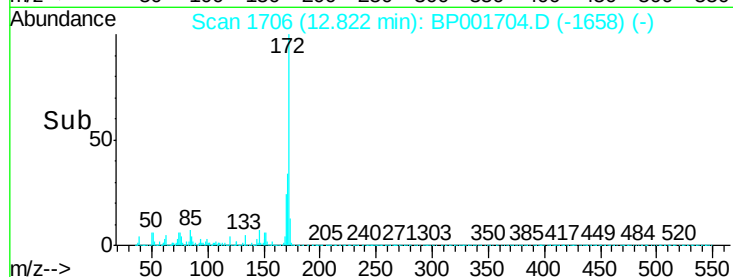
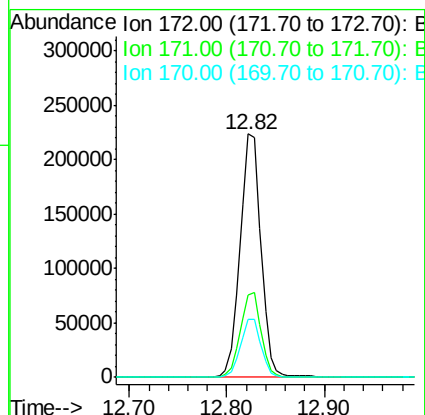
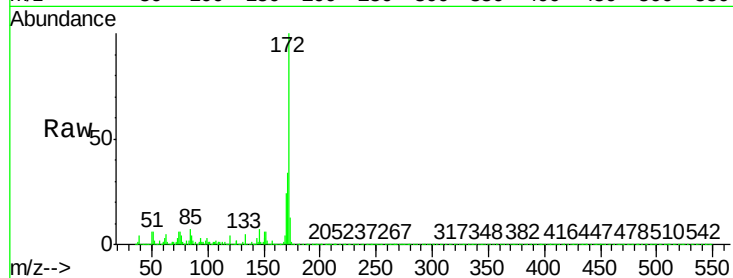




#45
2-Fluorobiphenyl
Concen: 99.197 ng
RT: 12.82 min Scan# 1706
Delta R.T. -0.02 min
Lab File: BP001704.D
Acq: 28 Jan 2020 13:49

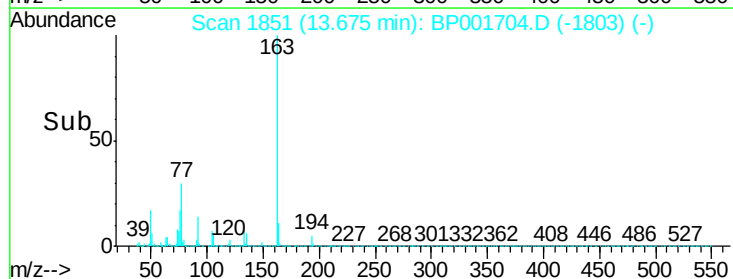
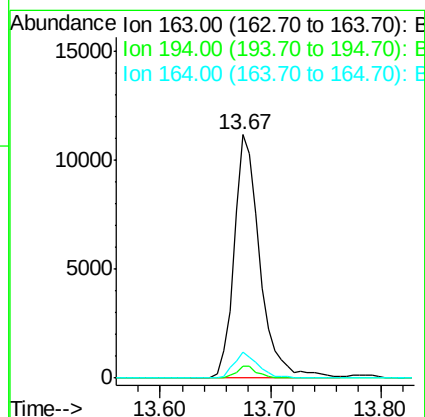
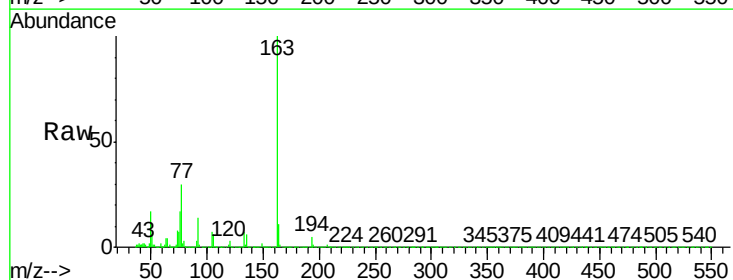
Instrument :
BNA_P
ClientSampled :

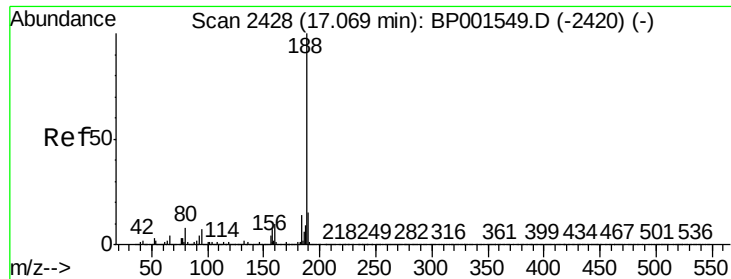
Tot Ion:172 Resp: 334143
Ion Ratio Lower Upper
172 100
171 33.9 27.6 41.4
170 23.8 18.3 27.5



#50
Dimethylphthalate
Concen: 4.477 ng
RT: 13.67 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BP001704.D
Acq: 28 Jan 2020 13:49

Tgt Ion:163 Resp: 18261
Ion Ratio Lower Upper
163 100
194 5.0 3.6 5.4
164 10.8 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: BP001704.D

Acq: 28 Jan 2020 13:49

Instrument :

BNA_P

ClientSampleId :

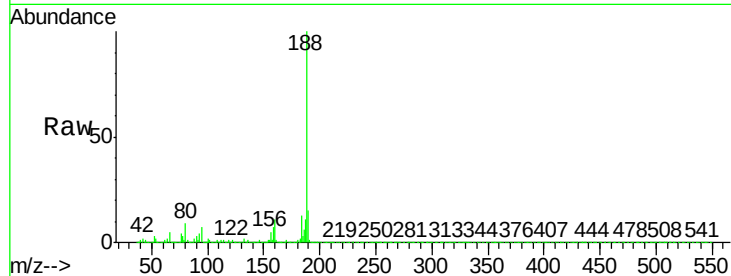
Tot Ion:188 Resp: 132459

Ion Ratio Lower Upper

188 100

94 7.2 5.9 8.9

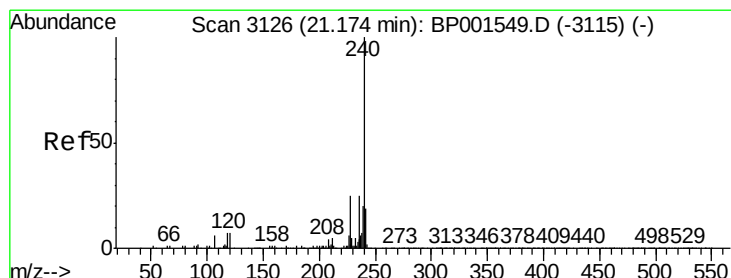
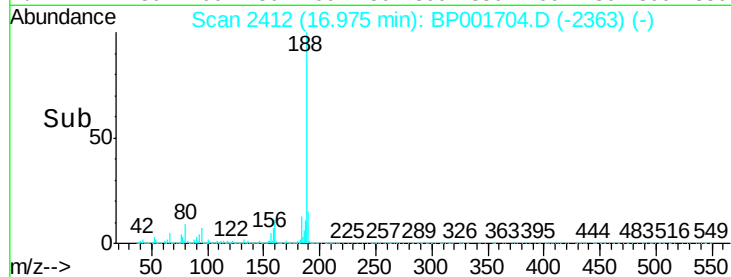
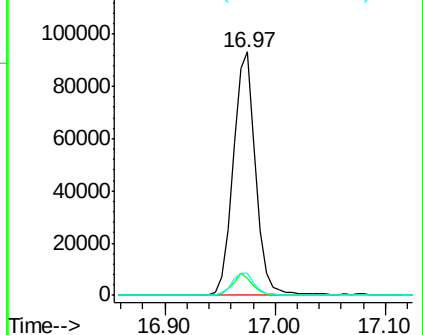
80 9.1 6.8 10.2



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: BP001704.D

Acq: 28 Jan 2020 13:49

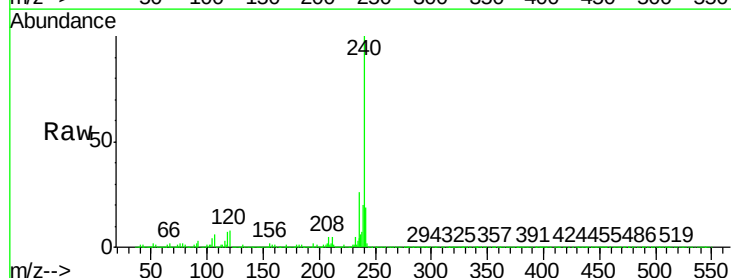
Tgt Ion:240 Resp: 155225

Ion Ratio Lower Upper

240 100

120 7.8 5.7 8.5

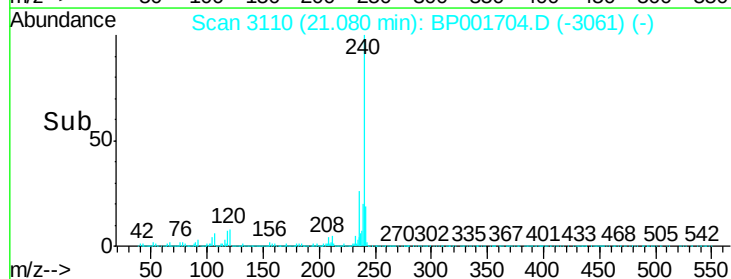
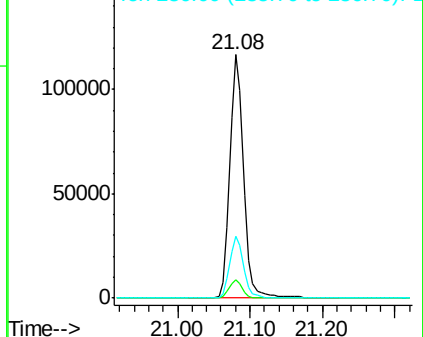
236 25.6 20.4 30.6

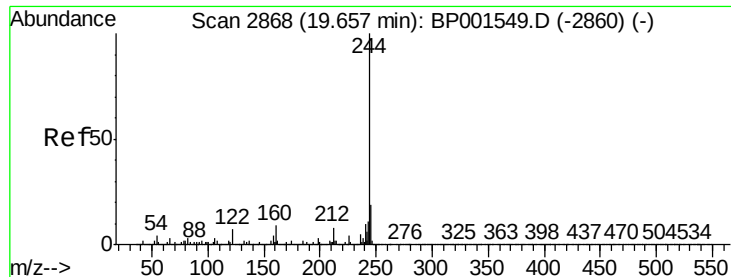


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.982 ng

RT: 19.57 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BP001704.D

Acq: 28 Jan 2020 13:49

Instrument :

BNA_P

ClientSampleId :

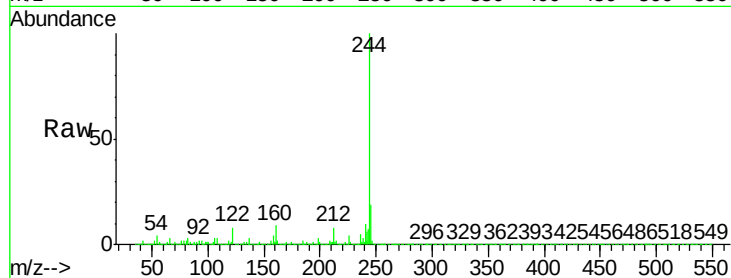
Tot Ion:244 Resp: 797599

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

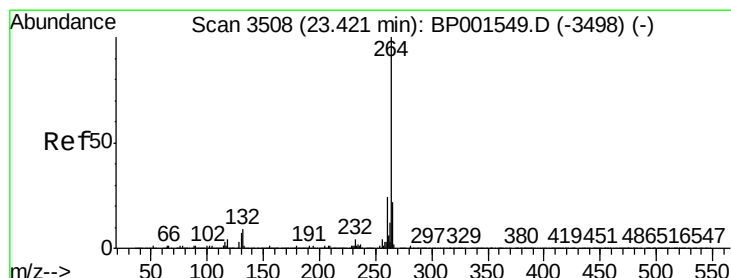
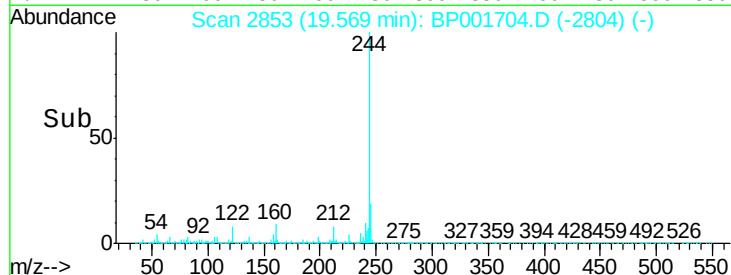
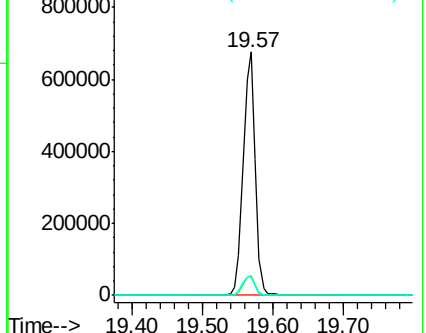
122 7.5 5.8 8.6



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: BP001704.D

Acq: 28 Jan 2020 13:49

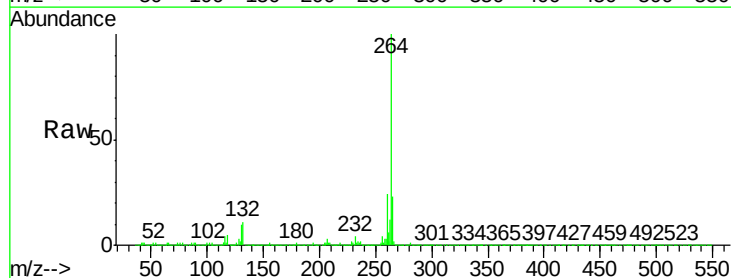
Tgt Ion:264 Resp: 168801

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 23.2 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

