

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP011420\
 Data File : BP001598.D
 Acq On : 14 Jan 2020 21:13
 Operator : JU
 Sample : L1004-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jan 14 21:51:01 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP010820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 08 15:02:19 2020
 Response via : Initial Calibration

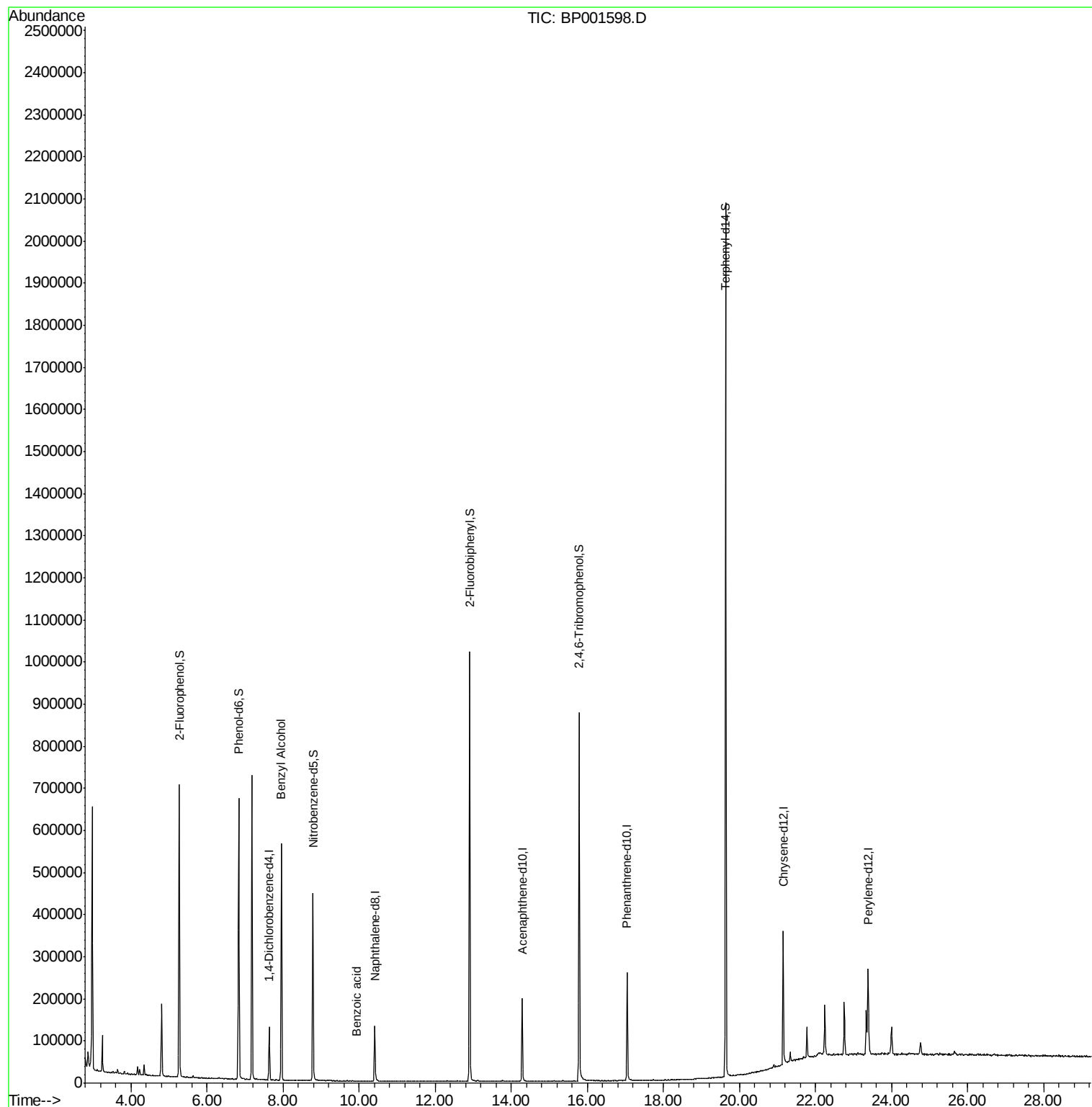
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	27728	20.00	ng	-0.02
21) Naphthalene-d8	10.41	136	94713	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	66315	20.00	ng	-0.02
64) Phenanthrene-d10	17.05	188	155354	20.00	ng	-0.02
76) Chrysene-d12	21.15	240	153573	20.00	ng	-0.02
87) Perylene-d12	23.39	264	159096	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	215583	152.30	ng	-0.02
7) Phenol-d6	6.83	99	276150	122.07	ng	-0.02
23) Nitrobenzene-d5	8.79	82	223819	103.26	ng	-0.02
42) 2,4,6-Tribromophenol	15.79	330	137748	136.46	ng	-0.02
45) 2-Fluorobiphenyl	12.90	172	485432	107.63	ng	-0.02
79) Terphenyl-d14	19.64	244	923757	110.02	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	7.95	79	4907	2.303	ng	Qvalue # 45
32) Benzoic acid	9.94	122	7	4.709	ng	89

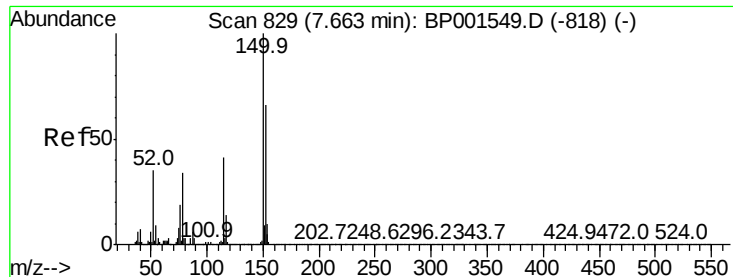
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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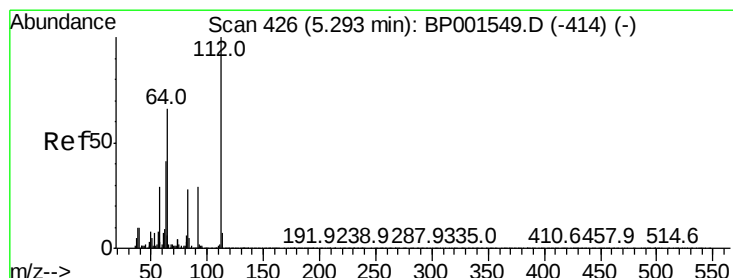
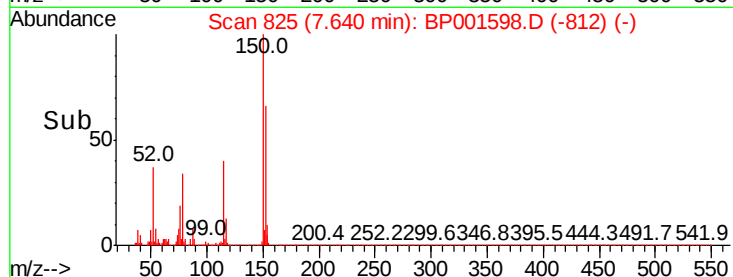
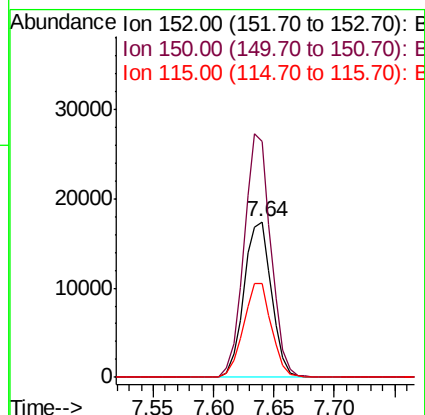
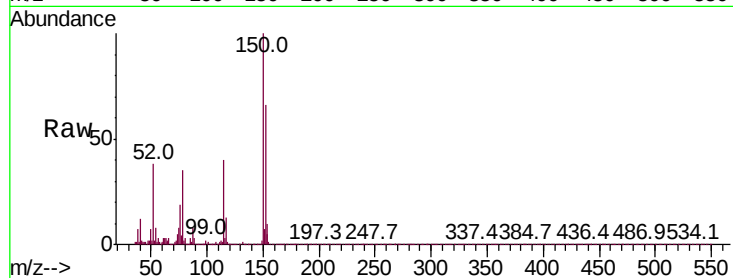


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.64 min Scan# 825
Delta R.T. -0.02 min
Lab File: BP001598.D
Acq: 14 Jan 2020 21:13

Instrument :
BNA_P
ClientSampleId :

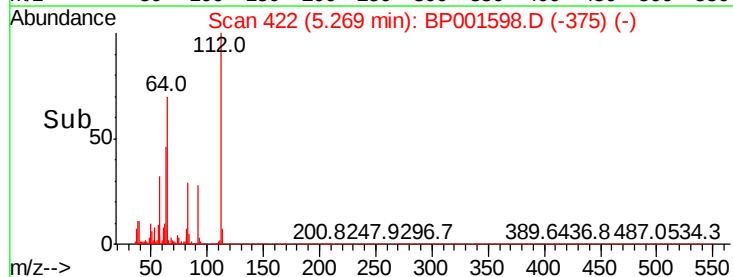
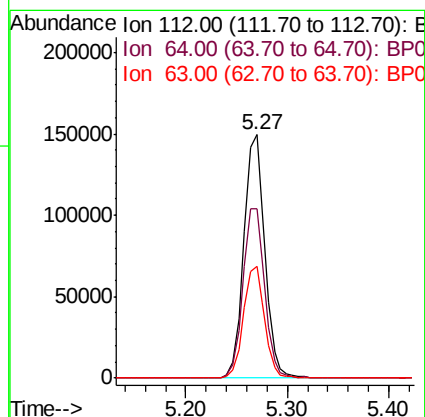
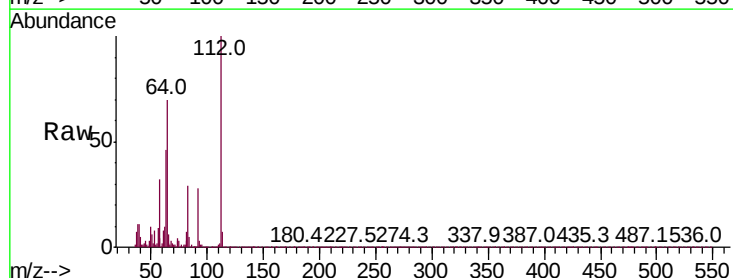
Tot Ion:152 Resp: 27728
Ion Ratio Lower Upper
152 100
150 151.7 122.0 183.0
115 60.4 50.7 76.1

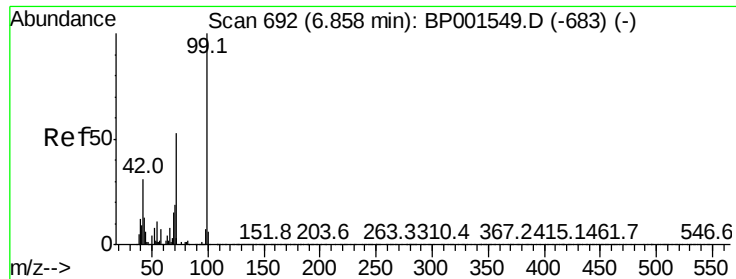


#5

2-Fluorophenol
Concen: 152.303 ng
RT: 5.27 min Scan# 422
Delta R.T. -0.02 min
Lab File: BP001598.D
Acq: 14 Jan 2020 21:13

Tgt Ion:112 Resp: 215583
Ion Ratio Lower Upper
112 100
64 69.6 52.8 79.2
63 45.8 33.1 49.7





#7

Phenol-d6

Concen: 122.070 ng

RT: 6.83 min Scan# 688

Delta R.T. -0.02 min

Lab File: BP001598.D

Acq: 14 Jan 2020 21:13

Instrument :

BNA_P

ClientSampleId :

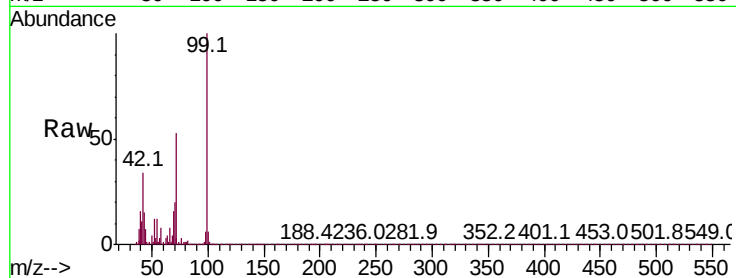
Tot Ion: 99 Resp: 276150

Ion Ratio Lower Upper

99 100

42 34.0 24.5 36.7

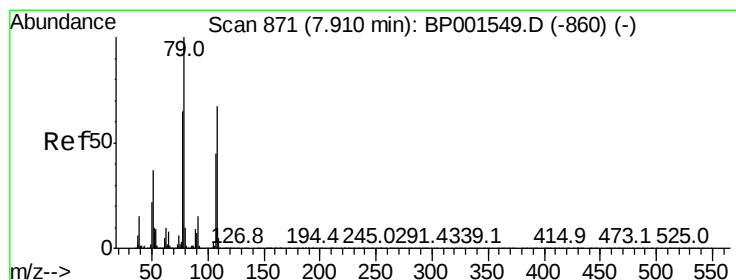
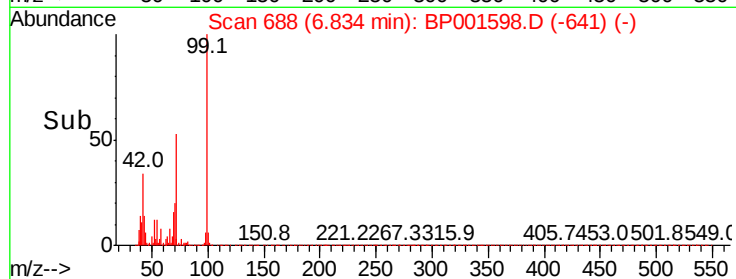
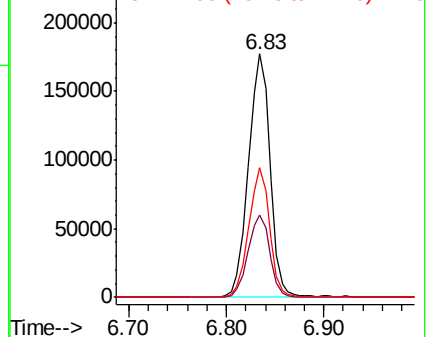
71 53.1 42.4 63.6



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



#15

Benzyl Alcohol

Concen: 2.303 ng

RT: 7.95 min Scan# 878

Delta R.T. 0.04 min

Lab File: BP001598.D

Acq: 14 Jan 2020 21:13

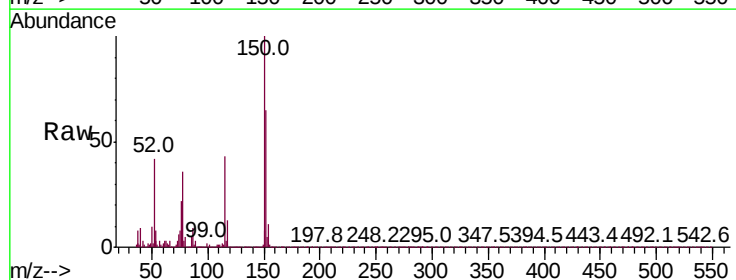
Tgt Ion: 79 Resp: 4907

Ion Ratio Lower Upper

79 100

108 38.4 53.2 79.8#

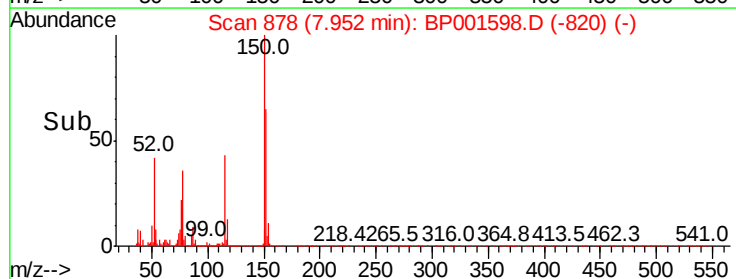
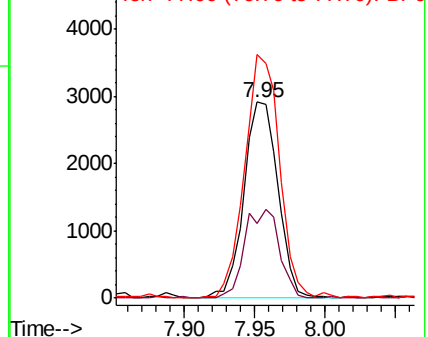
77 124.3 52.1 78.1#

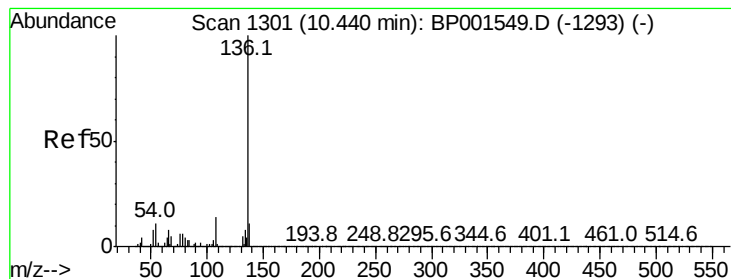


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.41 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BP001598.D

Acq: 14 Jan 2020 21:13

Instrument :

BNA_P

ClientSampleId :

Tot Ion:136 Resp: 94713

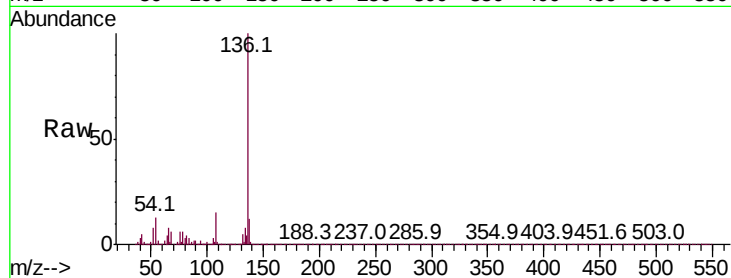
Ion	Ratio	Lower	Upper
136	100		
137	12.0	8.6	12.8
54	12.5	9.2	13.8
68	5.8	4.1	6.1

136 100

137 12.0 8.6 12.8

54 12.5 9.2 13.8

68 5.8 4.1 6.1

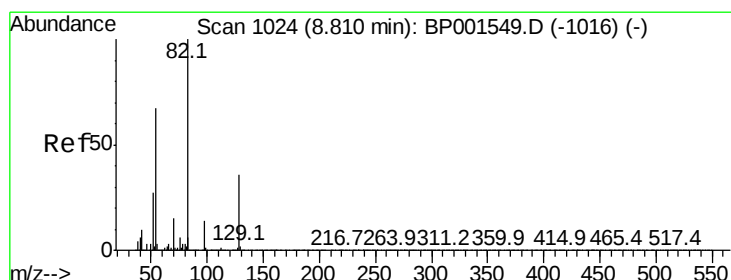
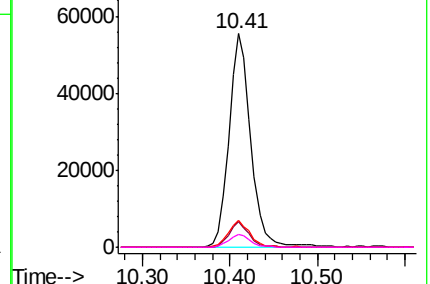
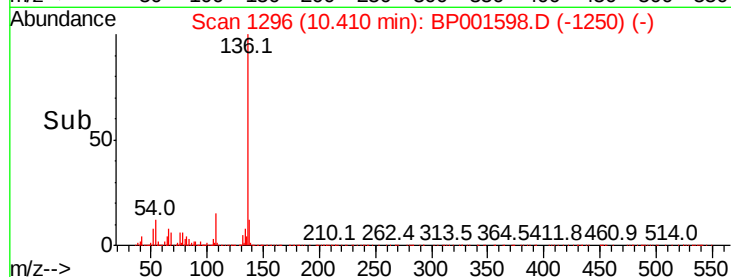


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.263 ng

RT: 8.79 min Scan# 1020

Delta R.T. -0.02 min

Lab File: BP001598.D

Acq: 14 Jan 2020 21:13

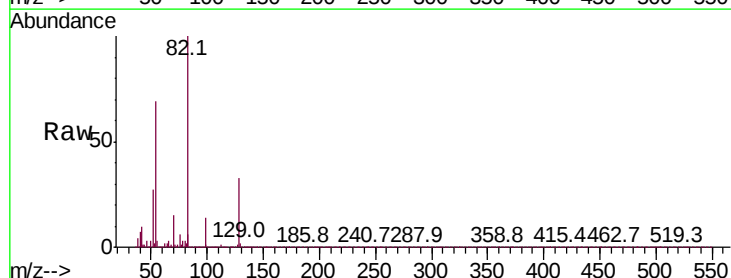
Tgt Ion: 82 Resp: 223819

Ion	Ratio	Lower	Upper
82	100		
128	33.1	28.4	42.6
54	69.1	53.4	80.2

82 100

128 33.1 28.4 42.6

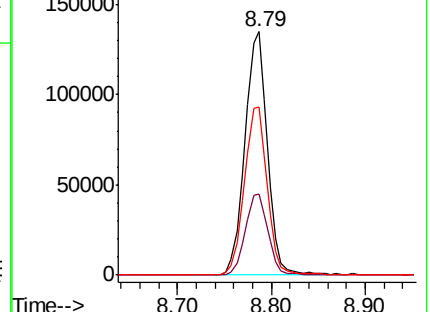
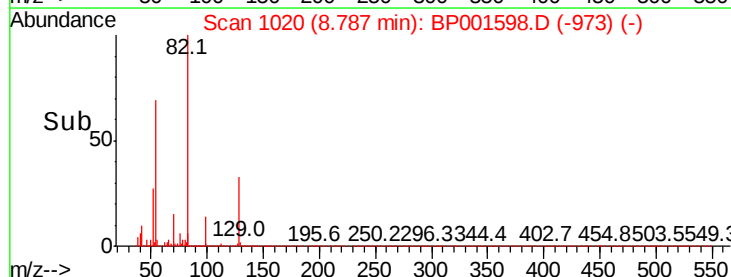
54 69.1 53.4 80.2

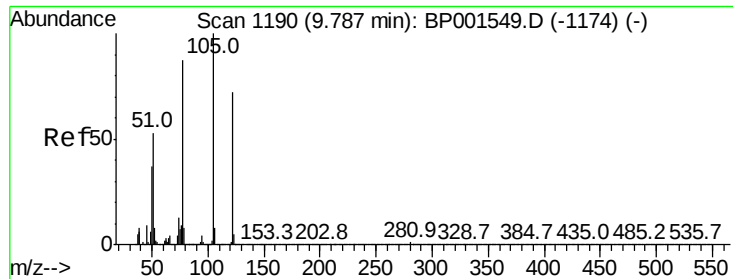


Abundance Ion 82.00 (81.70 to 82.70): BP0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BP0

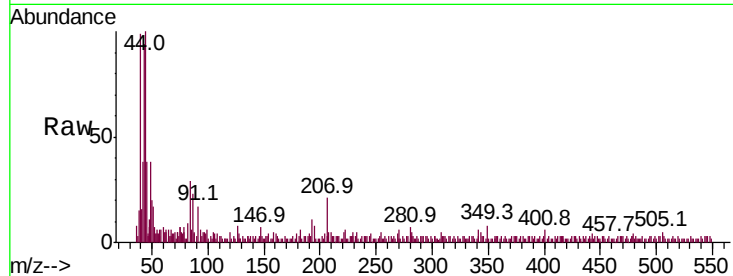




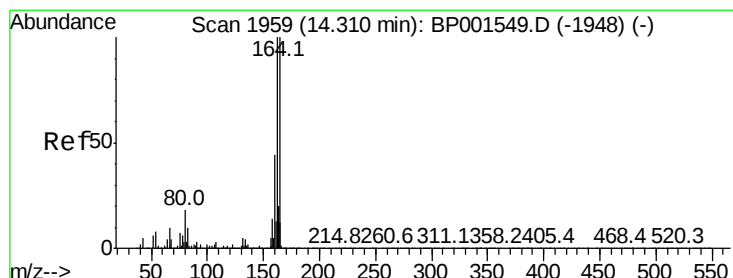
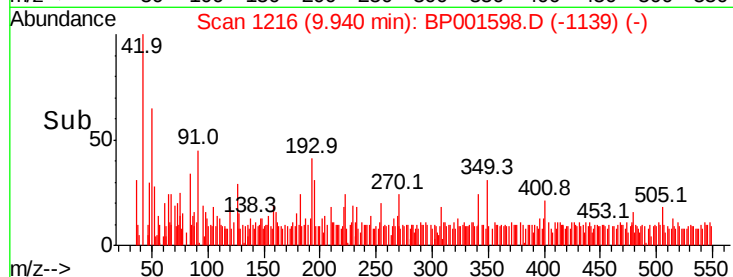
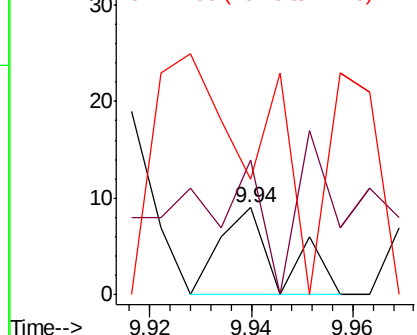
#32
Benzoic acid
Concen: 4.709 ng
RT: 9.94 min Scan# 1216
Delta R.T. 0.15 min
Lab File: BP001598.D
Acq: 14 Jan 2020 21:13

Instrument :
BNA_P
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	155.6	119.5	159.5
77	133.3	102.8	142.8

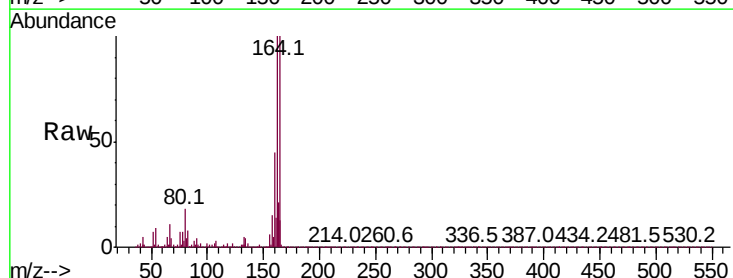


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BP0

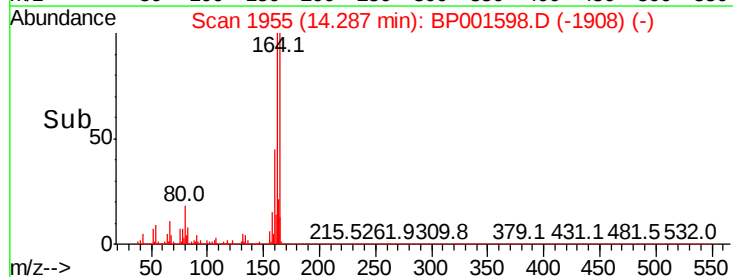
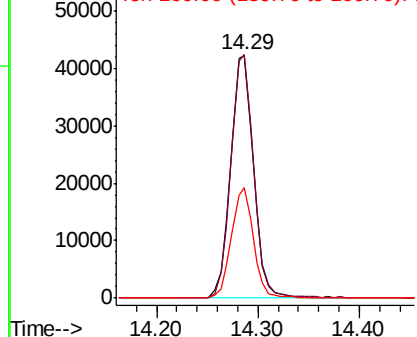


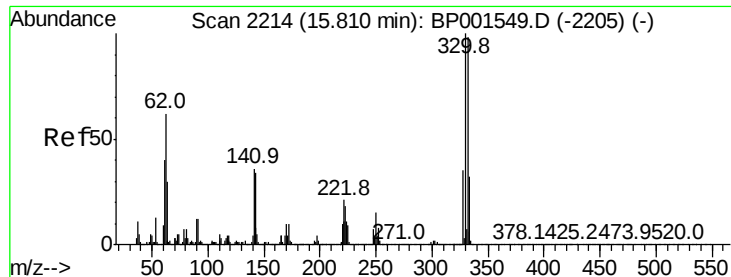
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BP001598.D
Acq: 14 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.3	79.8	119.6
160	45.5	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

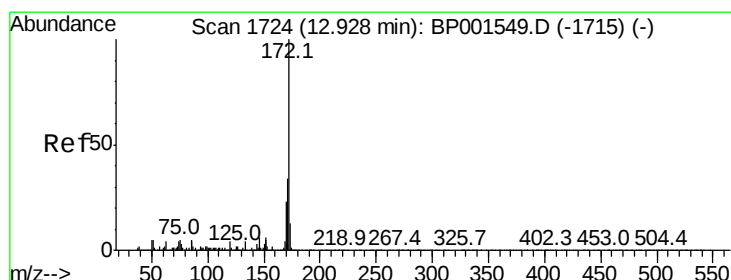
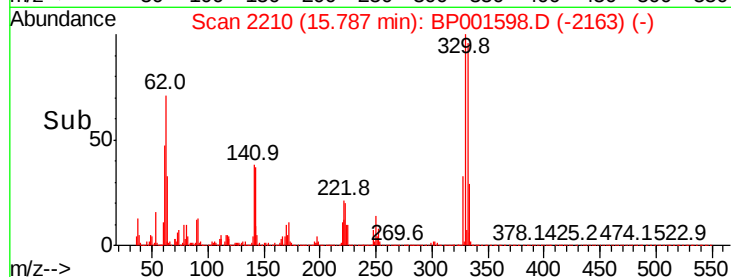
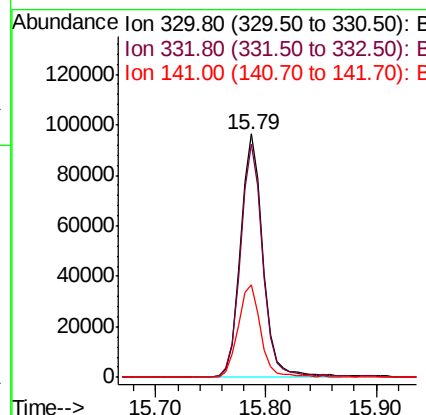
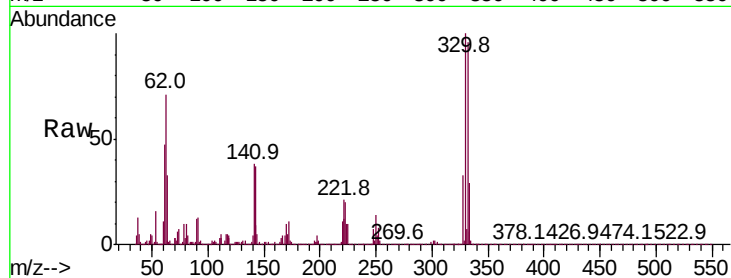




#42
 2,4,6-Tribromophenol
 Concen: 136.459 ng
 RT: 15.79 min Scan# 2210
 Delta R.T. -0.02 min
 Lab File: BP001598.D
 Acq: 14 Jan 2020 21:13

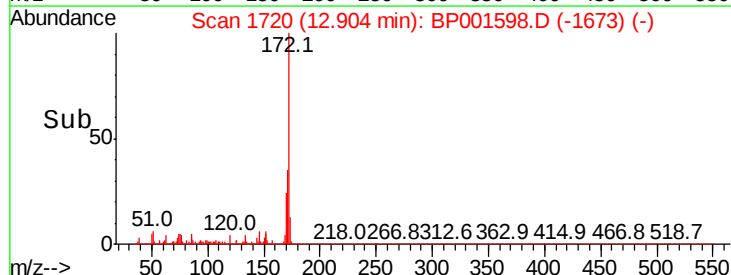
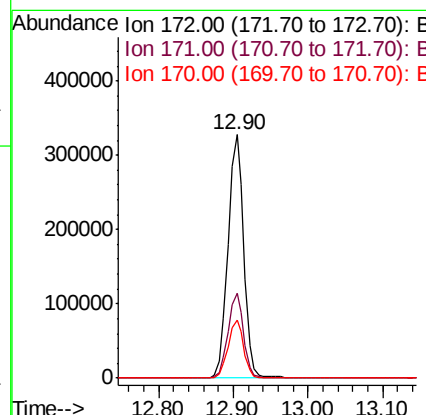
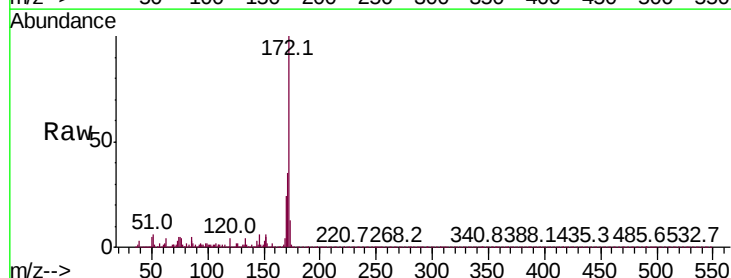
Instrument :
 BNA_P
 ClientSampleId :

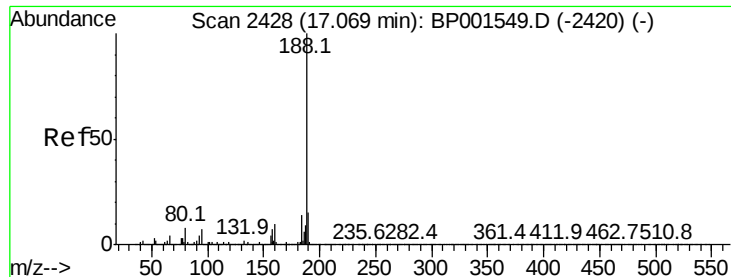
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.8	116.6
141	38.9	28.7	43.1



#45
 2-Fluorobiphenyl
 Concen: 107.625 ng
 RT: 12.90 min Scan# 1720
 Delta R.T. -0.02 min
 Lab File: BP001598.D
 Acq: 14 Jan 2020 21:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.6	41.4
170	23.7	18.3	27.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.05 min Scan# 2424

Delta R.T. -0.02 min

Lab File: BP001598.D

Acq: 14 Jan 2020 21:13

Instrument :

BNA_P

ClientSampleId :

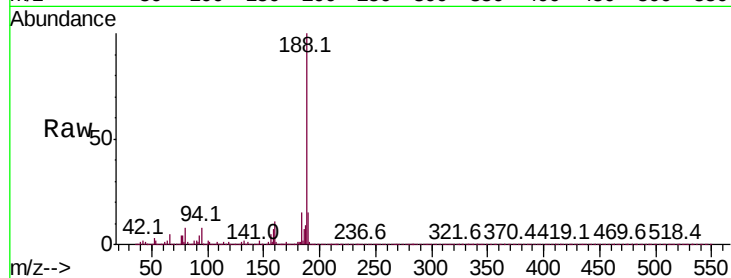
Tot Ion:188 Resp: 155354

Ion Ratio Lower Upper

188 100

94 7.6 5.9 8.9

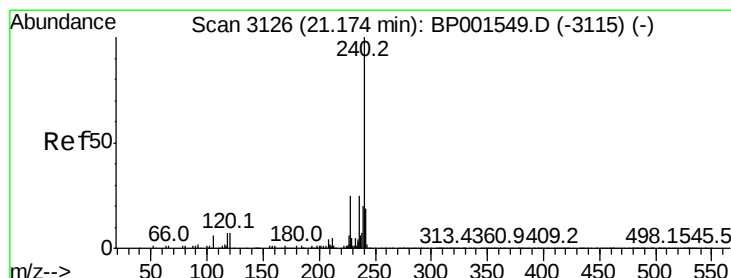
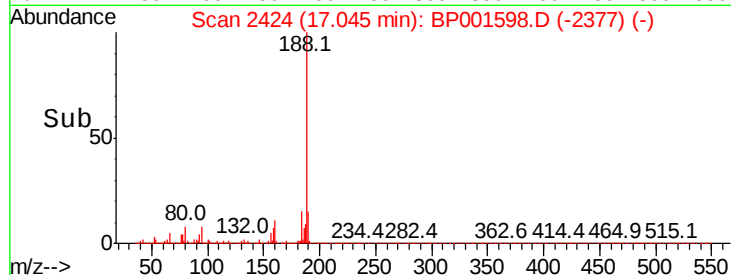
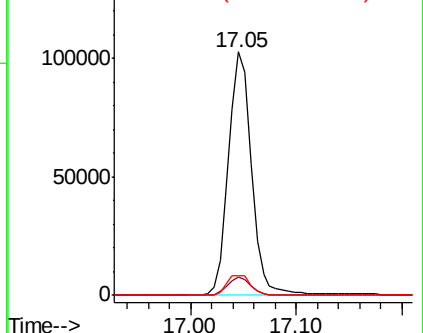
80 8.1 6.8 10.2



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: 21.15 min Scan# 3122

Delta R.T. -0.02 min

Lab File: BP001598.D

Acq: 14 Jan 2020 21:13

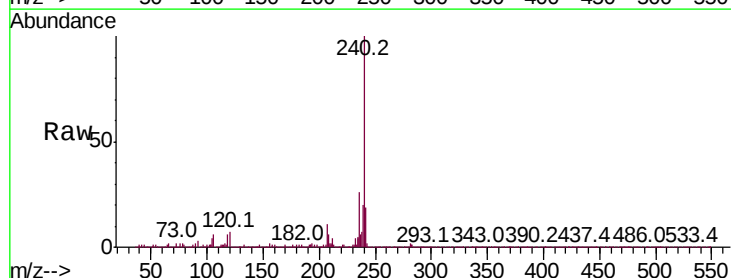
Tgt Ion:240 Resp: 153573

Ion Ratio Lower Upper

240 100

120 6.8 5.7 8.5

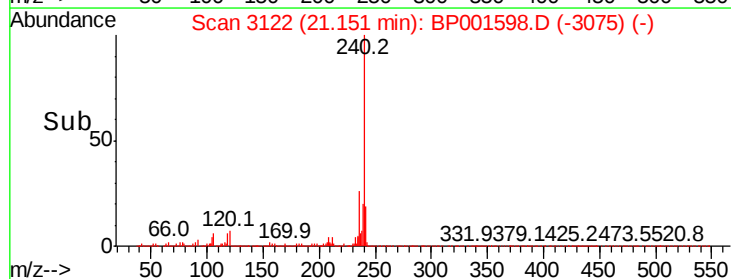
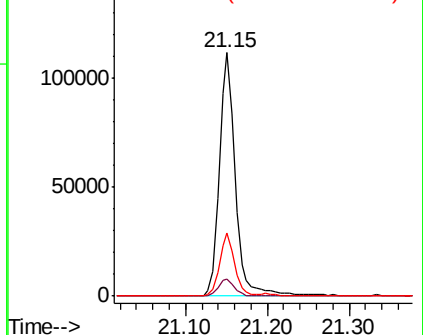
236 26.0 20.4 30.6

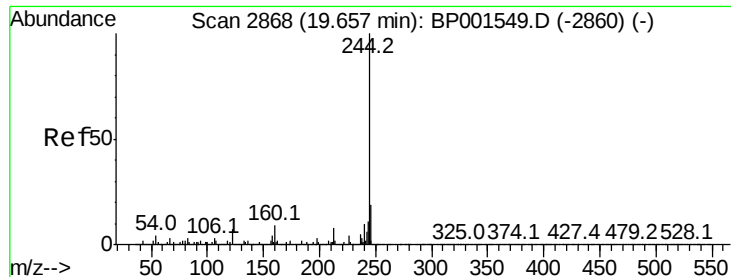


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 110.018 ng

RT: 19.64 min Scan# 2865

Delta R.T. -0.02 min

Lab File: BP001598.D

Acq: 14 Jan 2020 21:13

Instrument :

BNA_P

ClientSampleId :

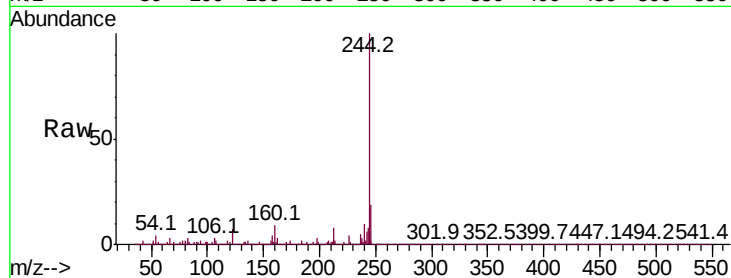
Tot Ion:244 Resp: 923757

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.3	9.5
122	7.0	5.8	8.6

244 100

212 8.1 6.3 9.5

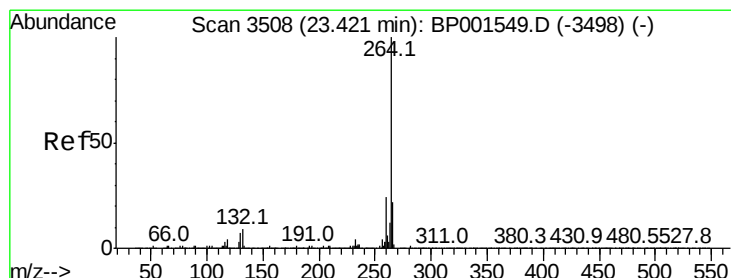
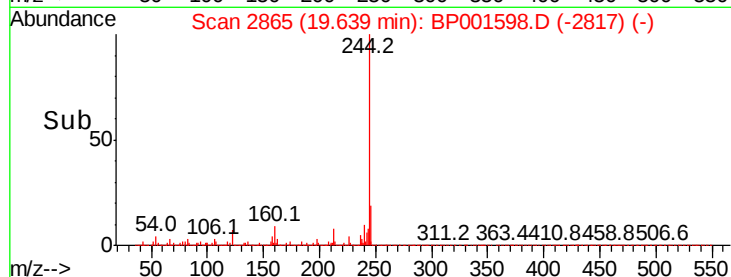
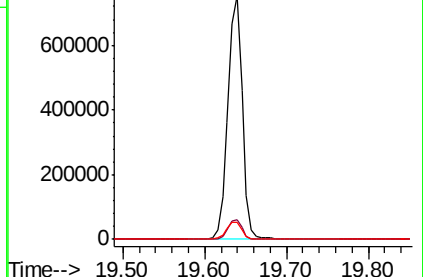
122 7.0 5.8 8.6



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: 23.39 min Scan# 3502

Delta R.T. -0.04 min

Lab File: BP001598.D

Acq: 14 Jan 2020 21:13

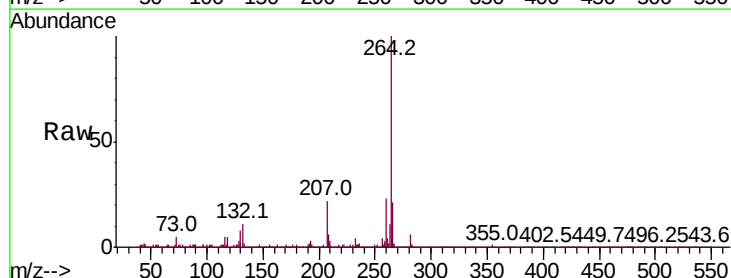
Tgt Ion:264 Resp: 159096

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	20.7	18.2	27.4

264 100

260 23.4 19.0 28.6

265 20.7 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

