

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
 Data File : BP002428.D
 Acq On : 17 Jun 2020 20:17
 Operator : CG/JU
 Sample : L3023-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 339

Quant Time: Jun 18 00:49:48 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP060520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 05 15:08:53 2020
 Response via : Initial Calibration

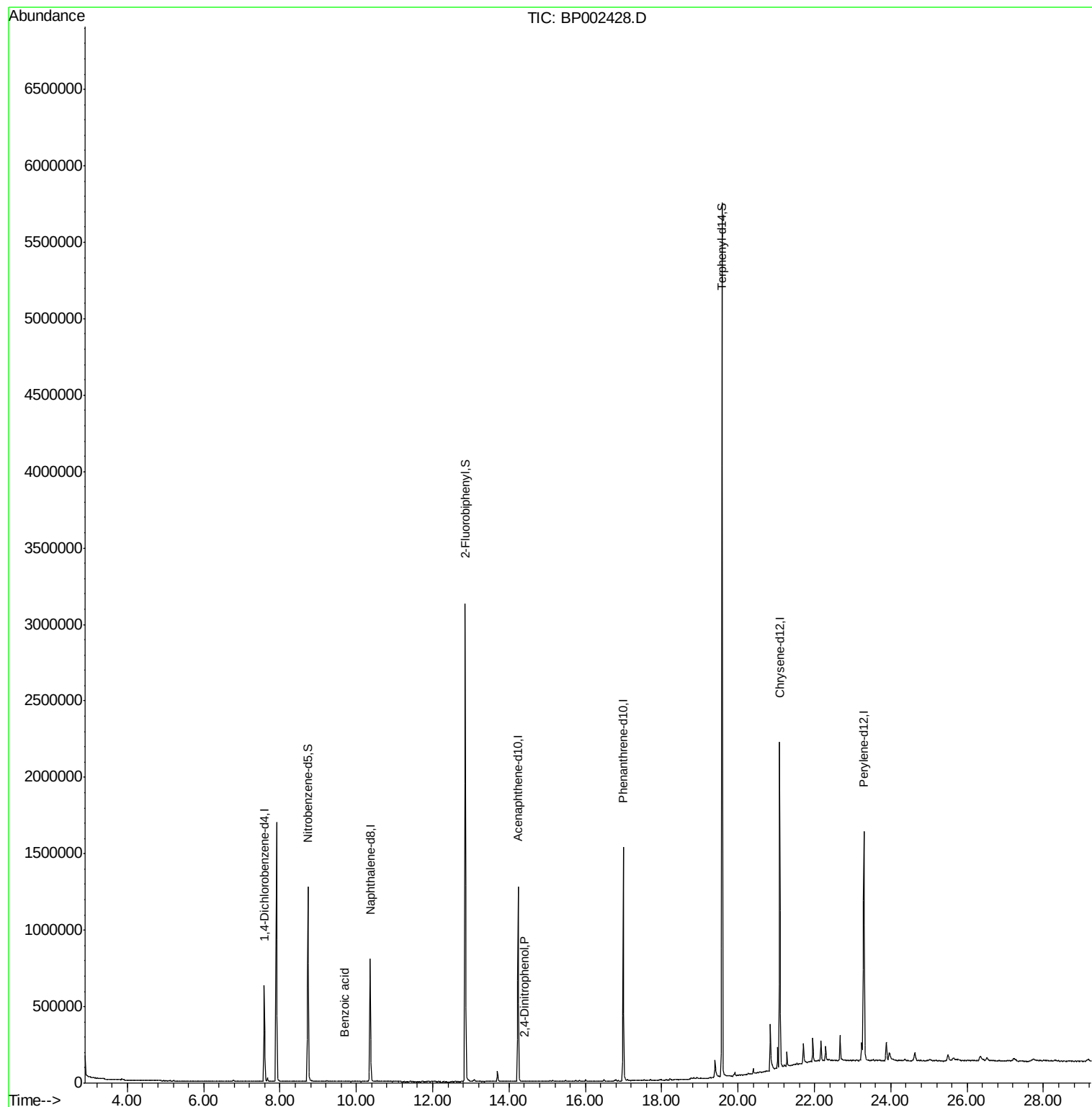
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	162209	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	666146	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	411085	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	923532	20.00	ng	0.00
76) Chrysene-d12	21.09	240	978564	20.00	ng	-0.02
86) Perylene-d12	23.29	264	1051216	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	918	0.10	ng	0.00
7) Phenol-d6	6.78	99	5591	0.48	ng	0.00
23) Nitrobenzene-d5	8.73	82	742125	66.53	ng	-0.01
42) 2,4,6-Tribromophenol	15.74	330	1368	0.35	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1673547	68.45	ng	0.00
79) Terphenyl-d14	19.58	244	2671901	63.00	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	791	Below Cal	#	86
32) Benzoic acid	9.70	122	23	4.602 ng	#	1
54) 2,4-Dinitrophenol	14.40	184	13	2.789 ng	#	93
61) 4-Chlorophenyl-phenylether	15.29	204	28	Below Cal	#	55

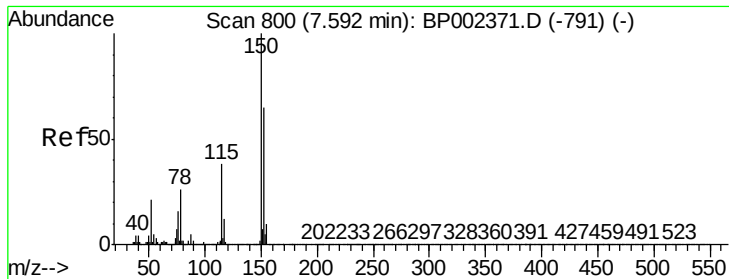
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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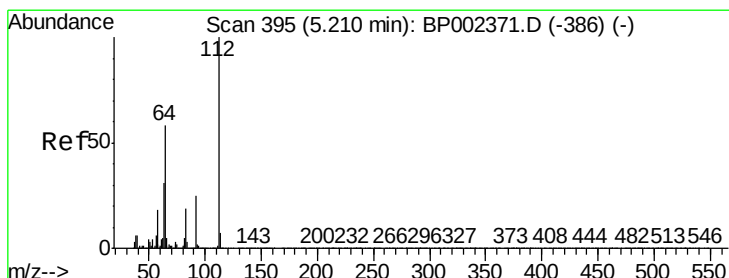
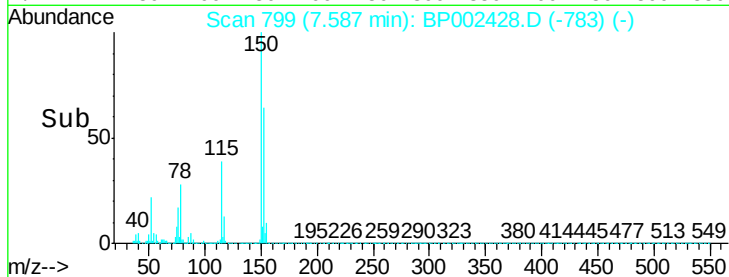
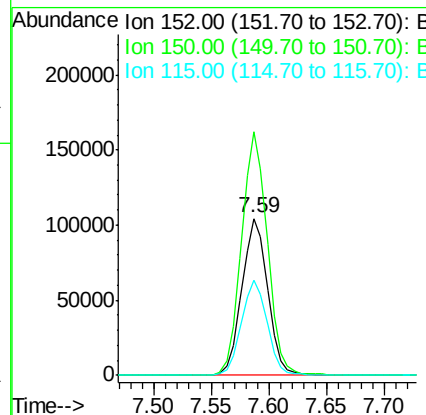
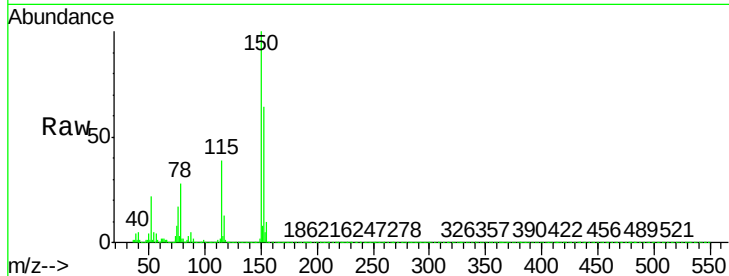


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002428.D
Acq: 17 Jun 2020 20:17

Instrument :
BNA_P
ClientSampleId :
339

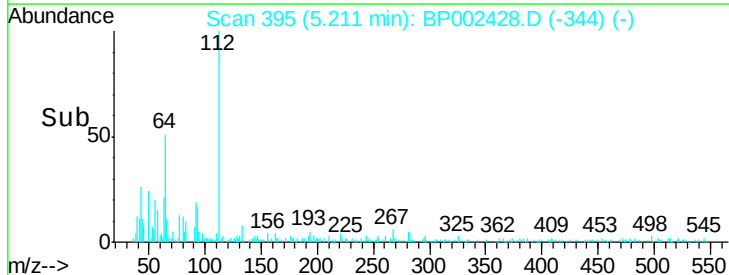
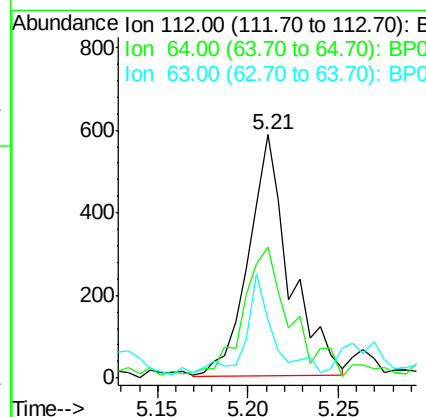
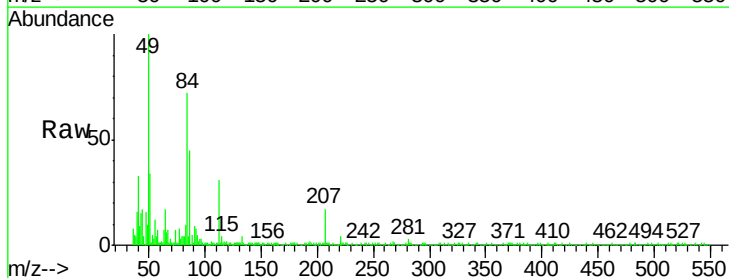
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	124.0	186.0
115	60.9	47.4	71.0

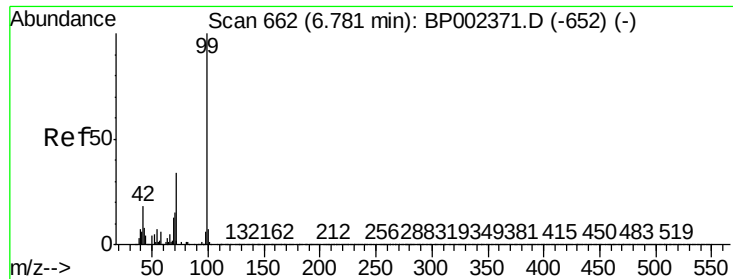


#5

2-Fluorophenol
Concen: 0.105 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002428.D
Acq: 17 Jun 2020 20:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.7	46.2	69.2
63	23.6	24.5	36.7#





#7

Phenol-d6

Concen: 0.479 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002428.D

Acq: 17 Jun 2020 20:17

Instrument :

BNA_P

ClientSampleId :

339

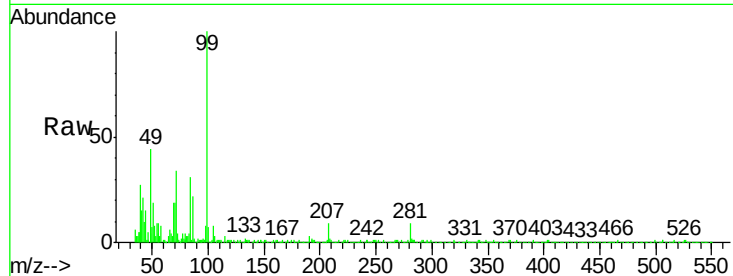
Tot Ion: 99 Resp: 5591

Ion Ratio Lower Upper

99 100

42 20.6 14.6 22.0

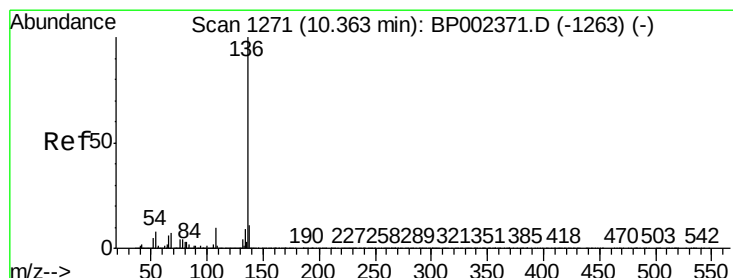
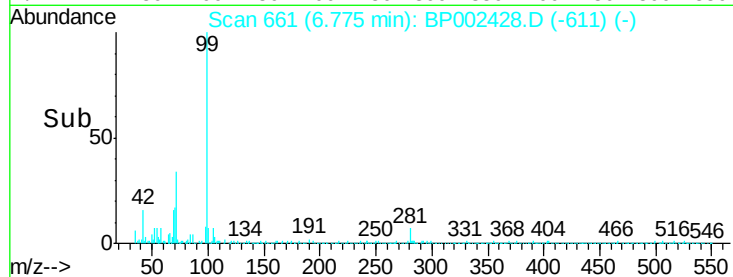
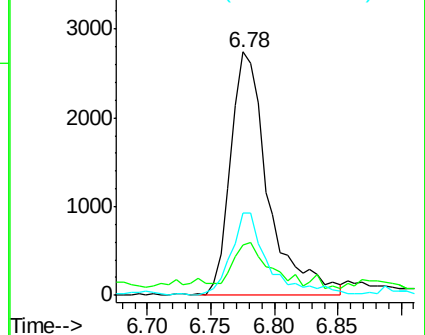
71 34.1 27.2 40.8



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: 10.36 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BP002428.D

Acq: 17 Jun 2020 20:17

Tgt Ion: 136 Resp: 666146

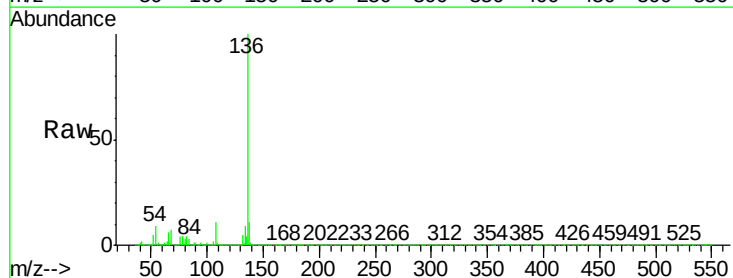
Ion Ratio Lower Upper

136 100

137 11.3 8.8 13.2

54 8.9 6.4 9.6

68 7.2 5.6 8.4

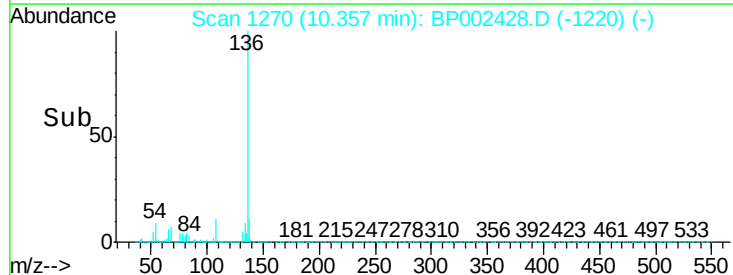
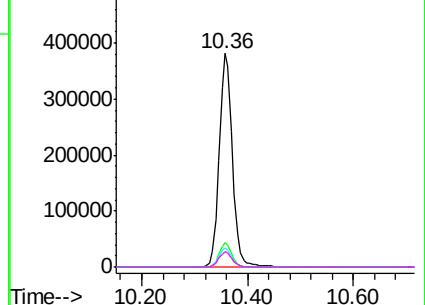


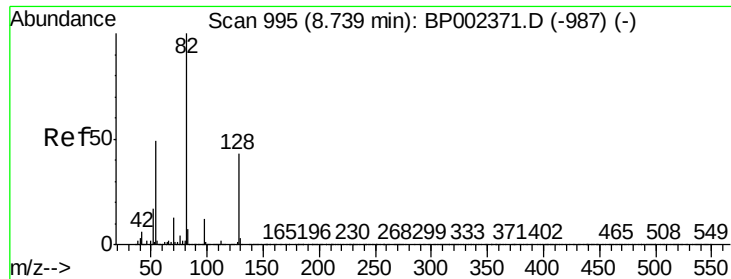
Abundance Ion 136.00 (135.70 to 136.70): E

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

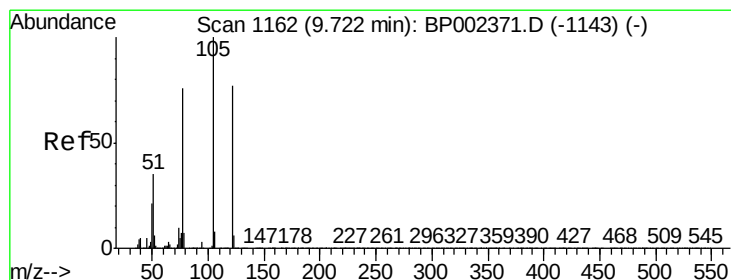
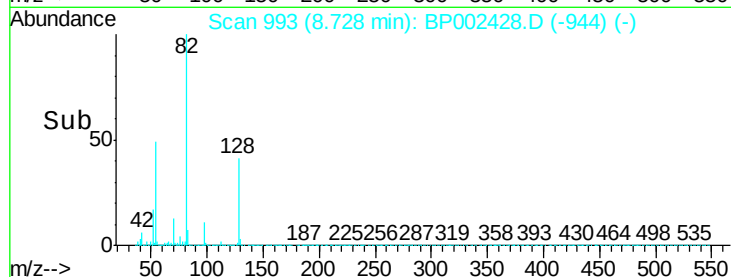
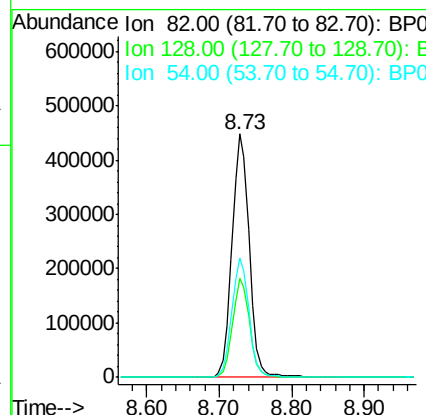
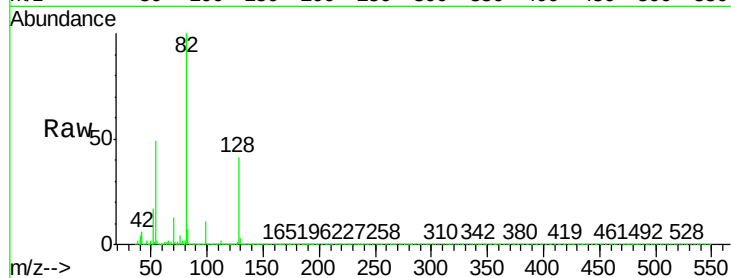




#23
 Nitrobenzene-d5
 Concen: 66.530 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002428.D
 Acq: 17 Jun 2020 20:17

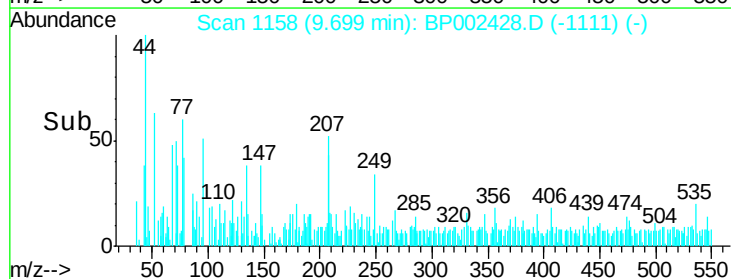
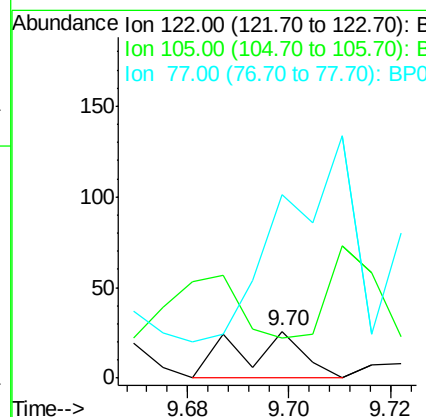
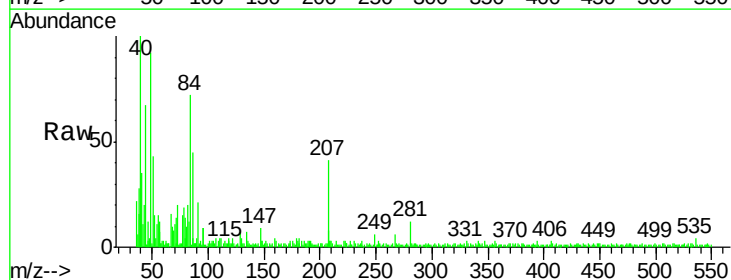
Instrument :
 BNA_P
 ClientSampled :
 339

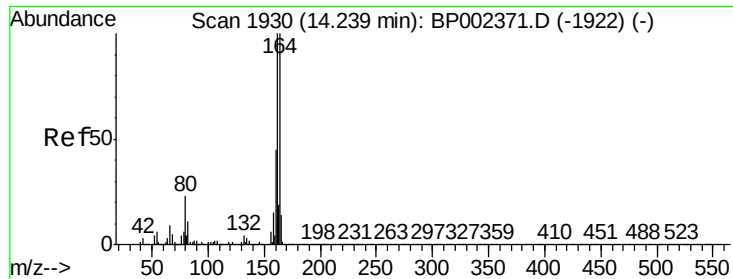
Tot Ion:	82	Resp:	742125
Ion	Ratio	Lower	Upper
82	100		
128	40.8	34.5	51.7
54	48.9	39.4	59.2



#32
 Benzoic acid
 Concen: 4.602 ng
 RT: 9.70 min Scan# 1158
 Delta R.T. -0.02 min
 Lab File: BP002428.D
 Acq: 17 Jun 2020 20:17

Tgt Ion:	122	Resp:	23
Ion	Ratio	Lower	Upper
122	100		
105	84.6	106.3	146.3#
77	388.5	77.5	117.5#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.23 min Scan# 1929

Delta R.T. -0.01 min

Lab File: BP002428.D

Acq: 17 Jun 2020 20:17

Instrument :

BNA_P

ClientSampleId :

339

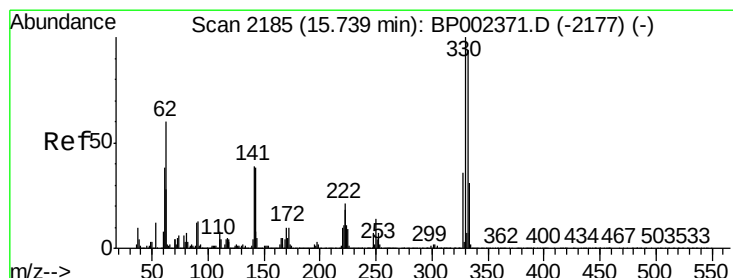
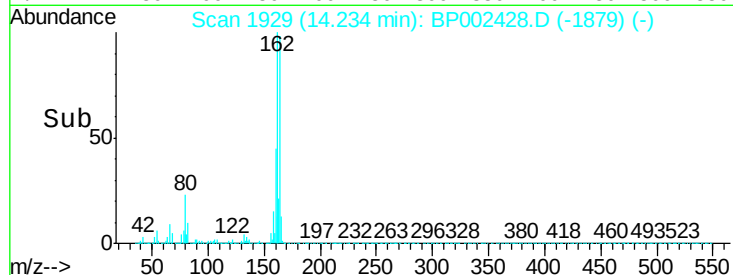
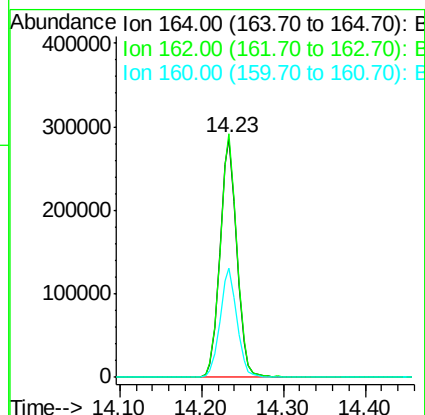
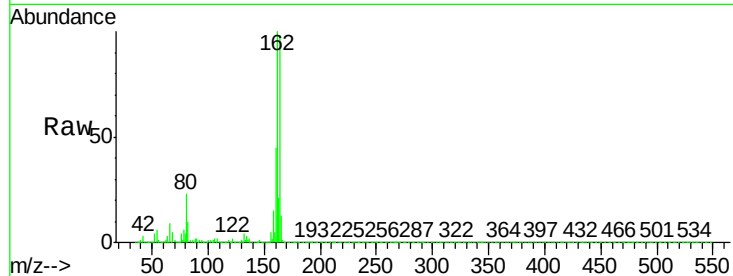
Tot Ion:164 Resp: 411085

Ion Ratio Lower Upper

164 100

162 102.0 79.8 119.8

160 45.8 36.2 54.2



#42

2,4,6-Tribromophenol

Concen: 0.348 ng

RT: 15.74 min Scan# 2185

Delta R.T. 0.00 min

Lab File: BP002428.D

Acq: 17 Jun 2020 20:17

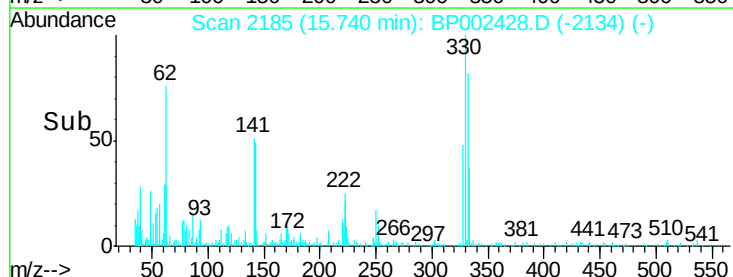
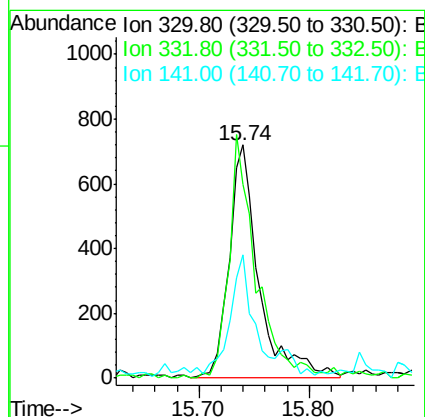
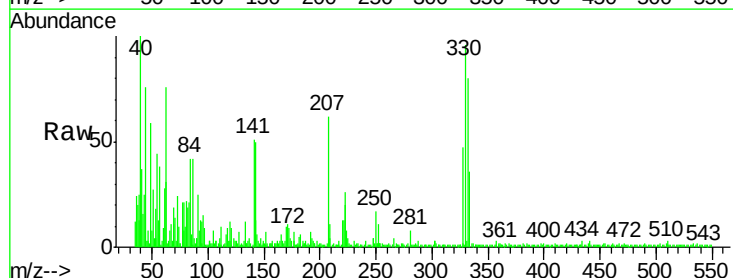
Tgt Ion:330 Resp: 1368

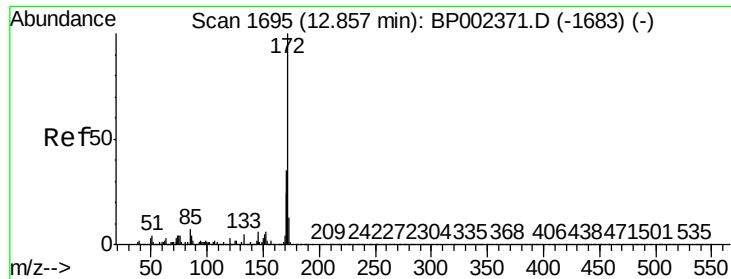
Ion Ratio Lower Upper

330 100

332 94.3 76.6 115.0

141 39.5 30.3 45.5

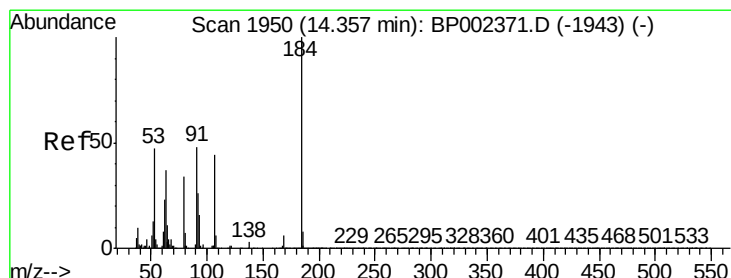
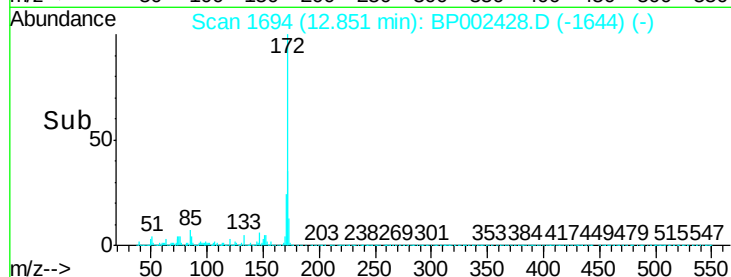
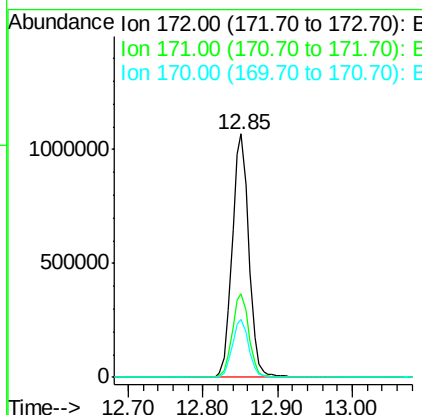
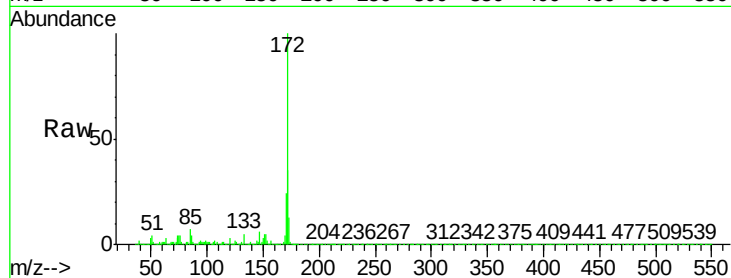




#45
2-Fluorobiphenyl
Concen: 68.451 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002428.D
Acq: 17 Jun 2020 20:17

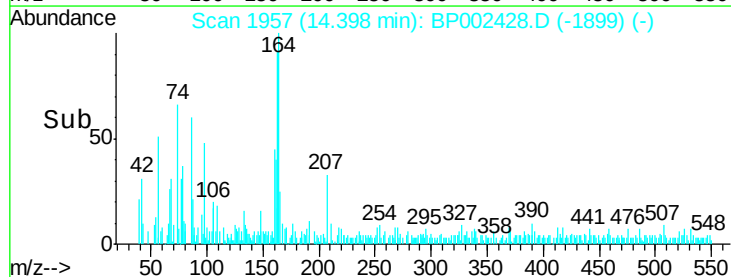
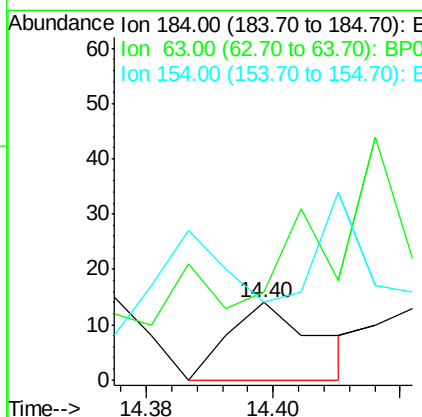
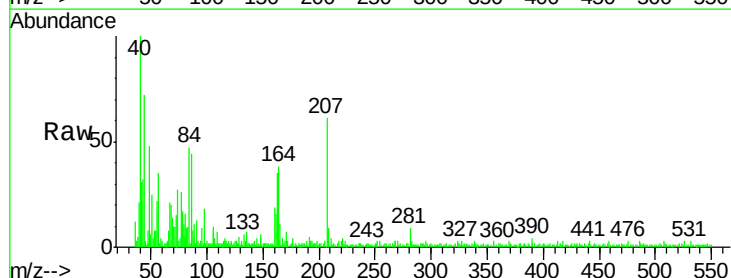
Instrument :
BNA_P
ClientSampled :
339

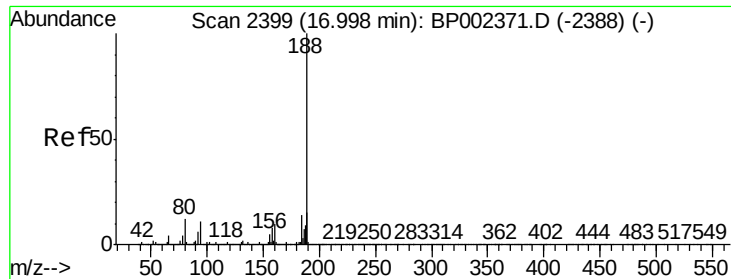
Tot Ion:172 Resp: 1673547
Ion Ratio Lower Upper
172 100
171 34.5 27.8 41.8
170 23.7 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 2.789 ng
RT: 14.40 min Scan# 1957
Delta R.T. 0.04 min
Lab File: BP002428.D
Acq: 17 Jun 2020 20:17

Tgt Ion:184 Resp: 13
Ion Ratio Lower Upper
184 100
63 72.7 52.3 78.5
154 63.6 48.6 72.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002428.D

Acq: 17 Jun 2020 20:17

Instrument :

BNA_P

ClientSampleId :

339

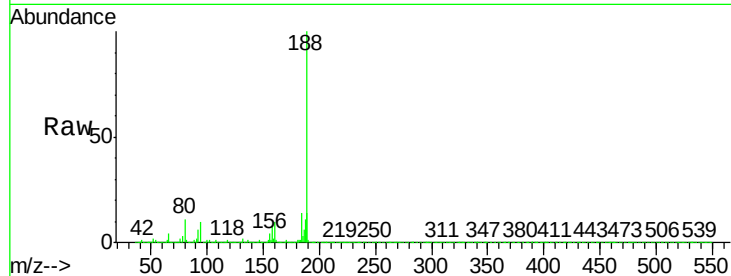
Tot Ion:188 Resp: 923532

Ion Ratio Lower Upper

188 100

94 10.4 8.5 12.7

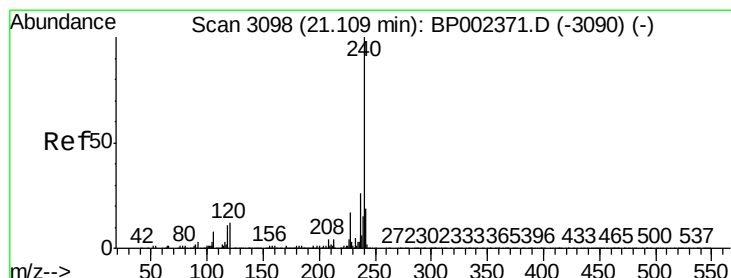
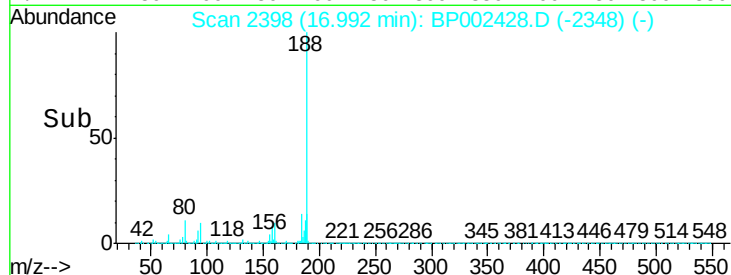
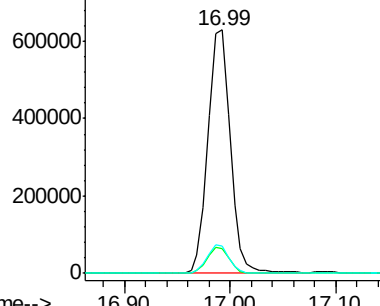
80 11.1 9.4 14.0



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: 21.09 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BP002428.D

Acq: 17 Jun 2020 20:17

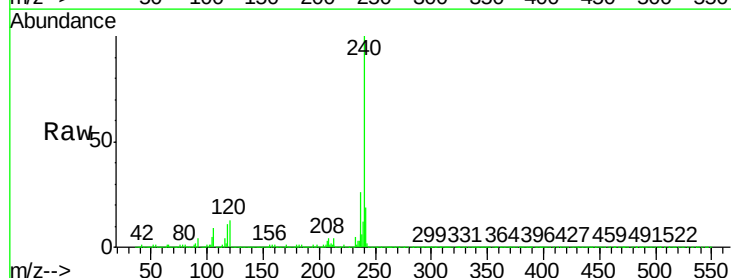
Tgt Ion:240 Resp: 978564

Ion Ratio Lower Upper

240 100

120 12.5 9.3 13.9

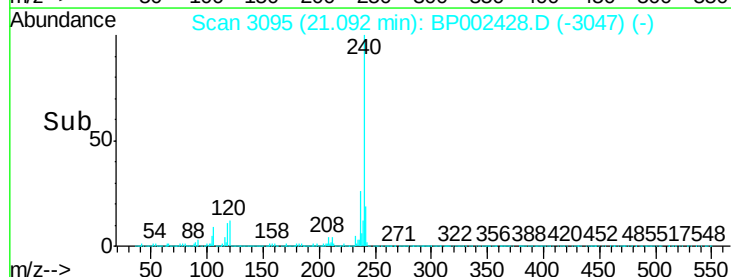
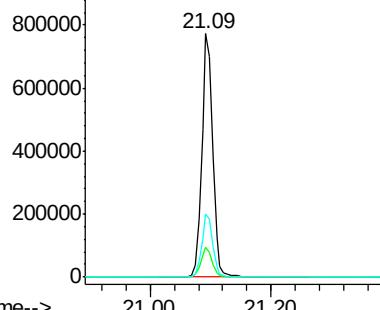
236 25.8 21.0 31.6

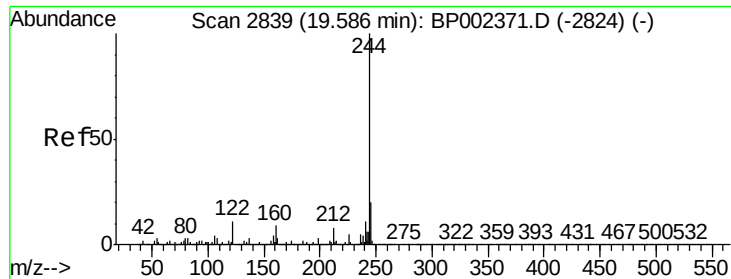


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 62.995 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002428.D

Acq: 17 Jun 2020 20:17

Instrument :

BNA_P

ClientSampled :

339

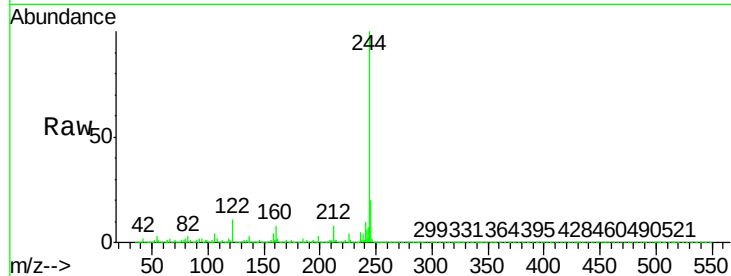
Tot Ion:244 Resp: 2671901

Ion Ratio Lower Upper

244 100

212 7.6 6.6 10.0

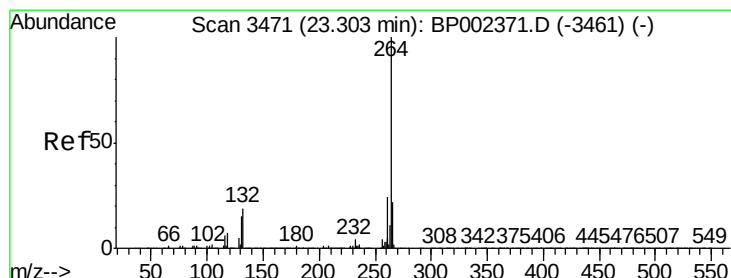
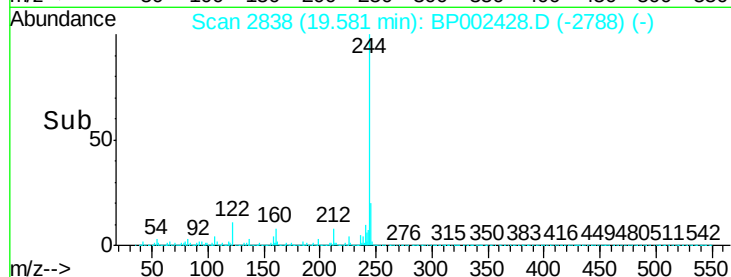
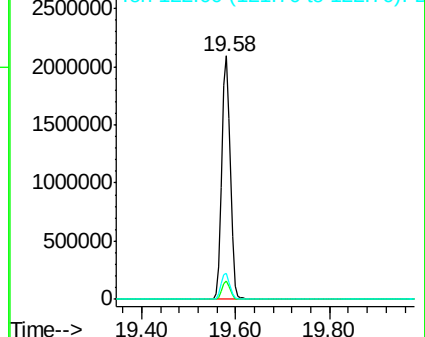
122 10.9 8.8 13.2



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.29 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BP002428.D

Acq: 17 Jun 2020 20:17

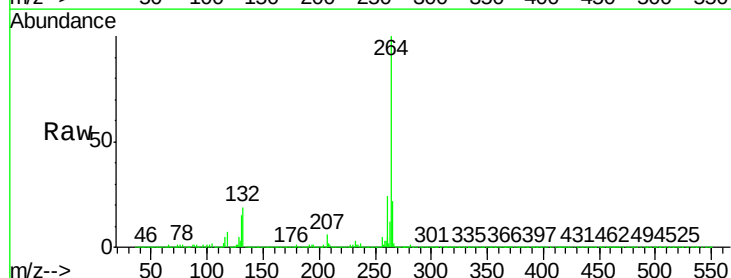
Tgt Ion:264 Resp: 1051216

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.8 17.4 26.2



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

