

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
 Data File : BP002424.D
 Acq On : 17 Jun 2020 18:01
 Operator : CG/JU
 Sample : PB129590BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129590BL

Quant Time: Jun 18 00:48:33 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	146933	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	601661	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	373200	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	846585	20.00	ng	0.00
76) Chrysene-d12	21.09	240	866420	20.00	ng	-0.02
86) Perylene-d12	23.29	264	921526	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.20	112	1031605	129.92	ng	0.00
7) Phenol-d6	6.78	99	1367890	129.39	ng	0.00
23) Nitrobenzene-d5	8.73	82	925461	91.86	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	495665	138.72	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	1988028	89.57	ng	0.00
79) Terphenyl-d14	19.58	244	3185640	99.12	ng	0.00

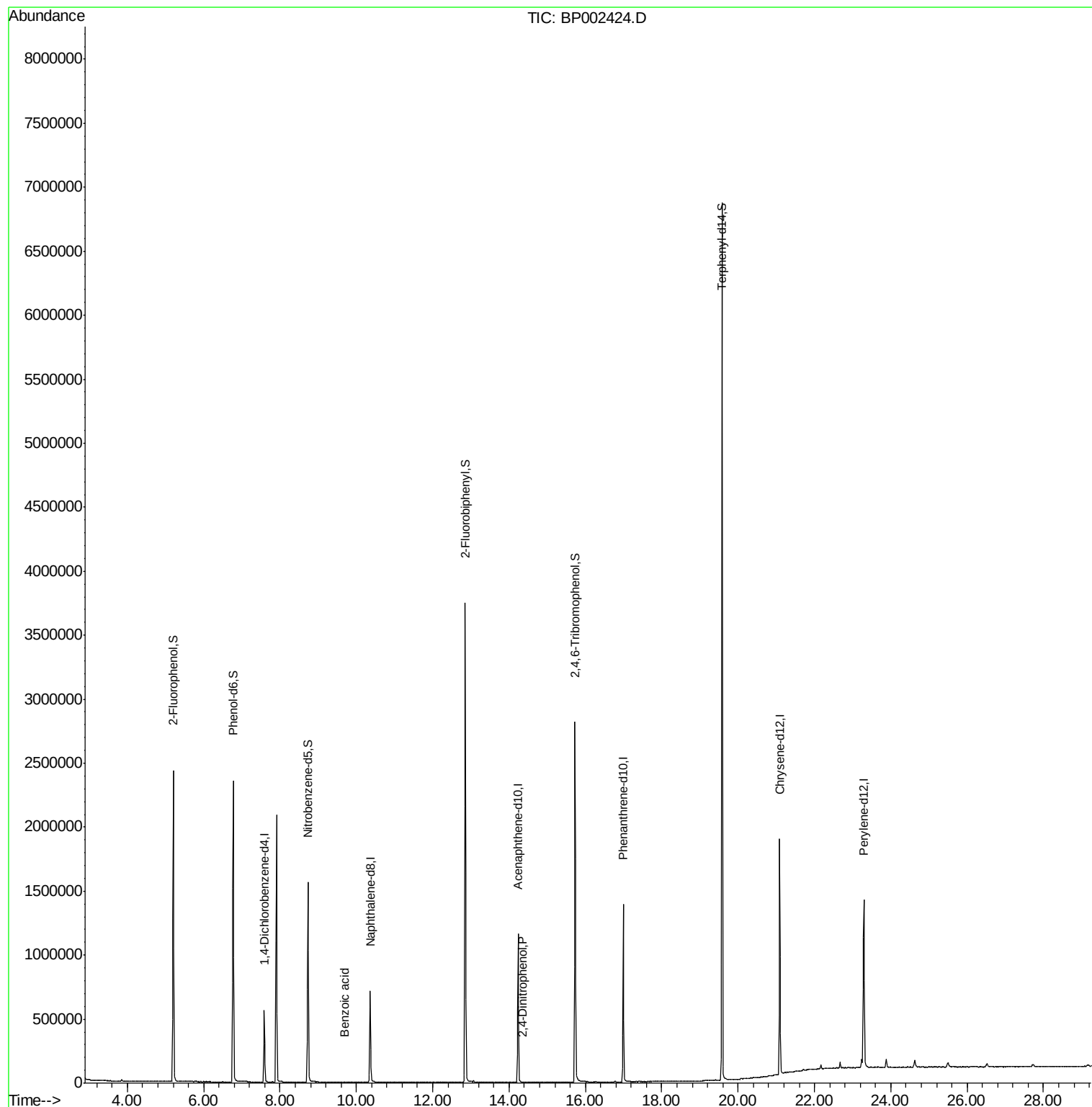
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.78	77	2203	Below Cal	#	4
32) Benzoic acid	9.71	122	15	4.601 ng	#	1
54) 2,4-Dinitrophenol	14.36	184	10	2.789 ng	#	1
61) 4-Chlorophenyl-phenylether	15.52	204	13	Below Cal		93

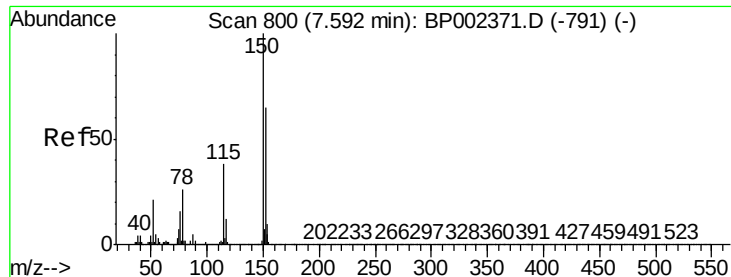
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061720\
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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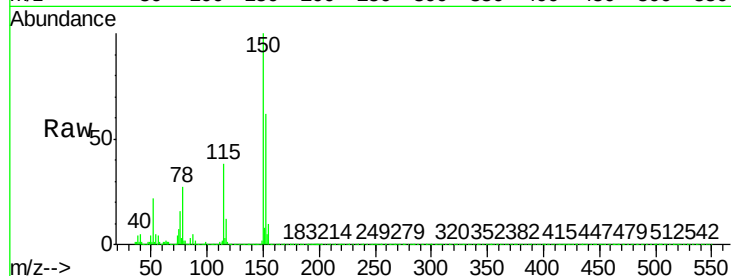


#1

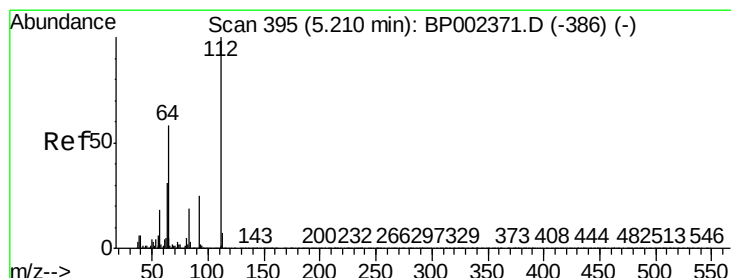
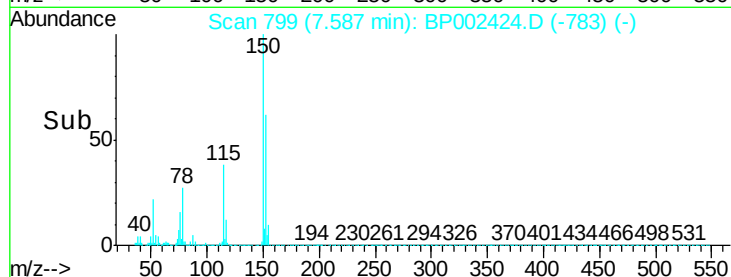
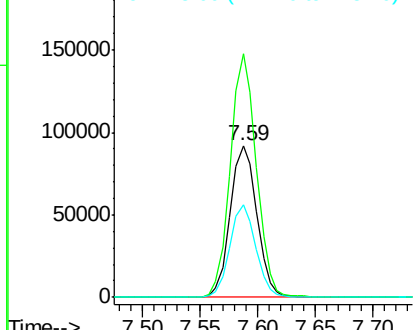
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002424.D
Acq: 17 Jun 2020 18:01

Instrument :
BNA_P
ClientSampleId :
PB129590BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.0	186.0
115	60.7	47.4	71.0



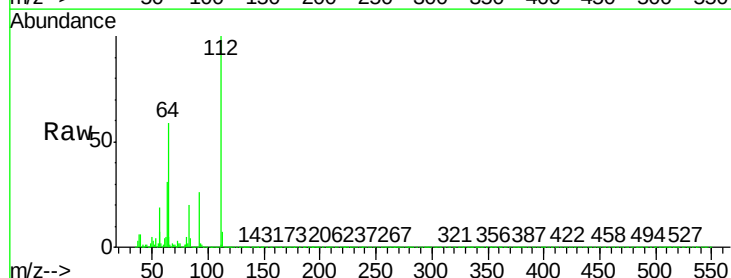
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



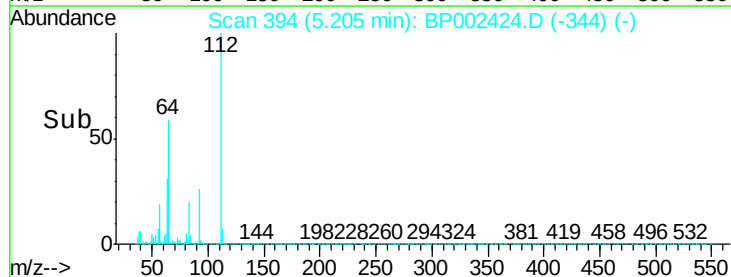
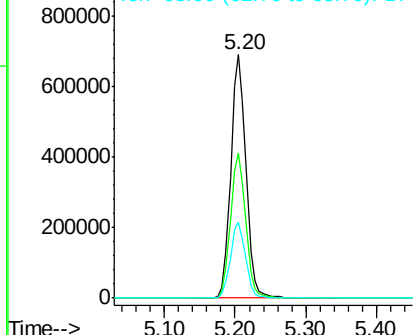
#5

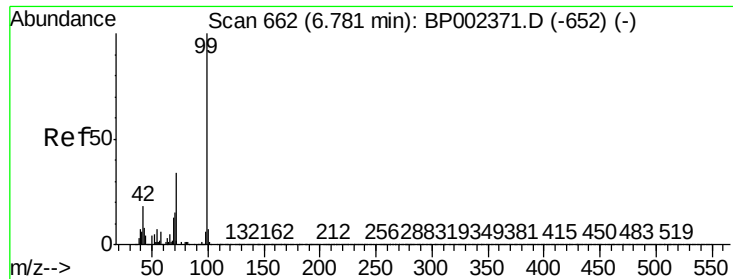
2-Fluorophenol
Concen: 129.916 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002424.D
Acq: 17 Jun 2020 18:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.4	46.2	69.2
63	31.0	24.5	36.7



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: 129.388 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002424.D

Acq: 17 Jun 2020 18:01

Instrument :

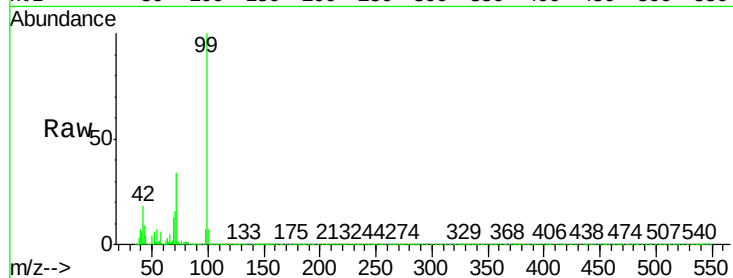
BNA_P

ClientSampled :

PB129590BL

Tot Ion: 99 Resp: 1367890

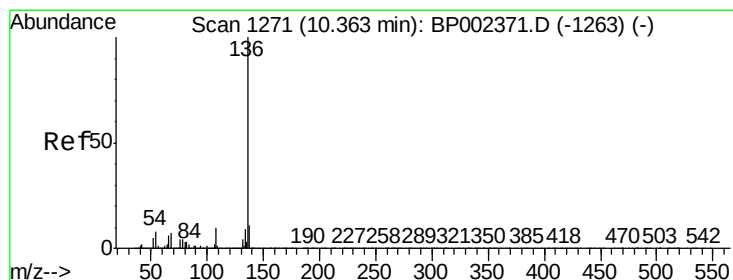
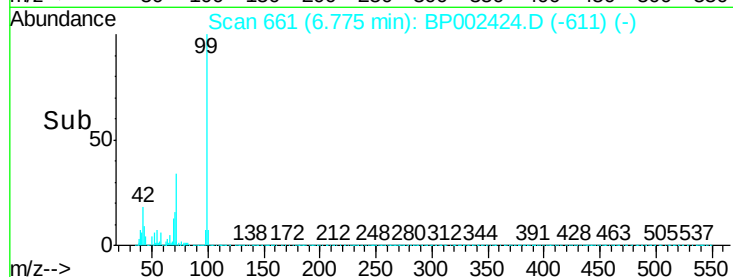
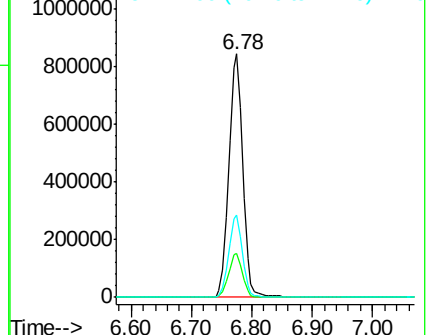
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.6	22.0
71	33.9	27.2	40.8



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

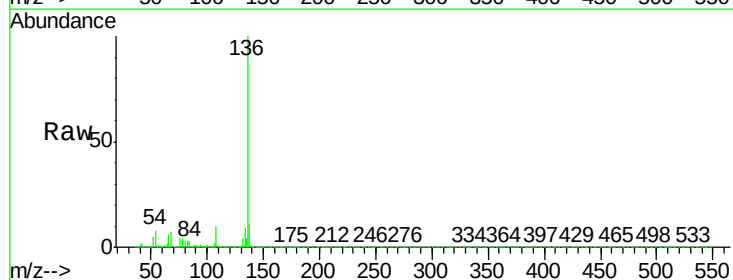
Delta R.T. -0.01 min

Lab File: BP002424.D

Acq: 17 Jun 2020 18:01

Tgt Ion: 136 Resp: 601661

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.4	6.4	9.6
68	7.3	5.6	8.4

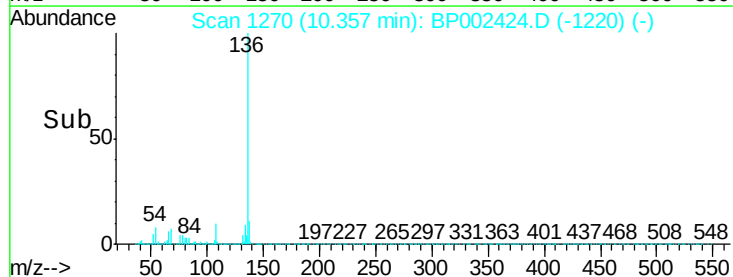
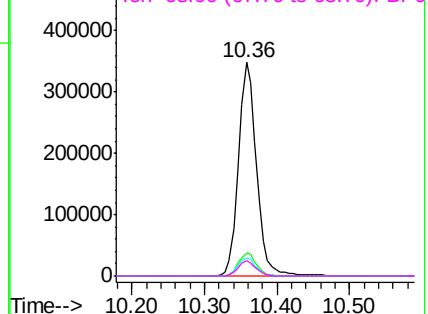


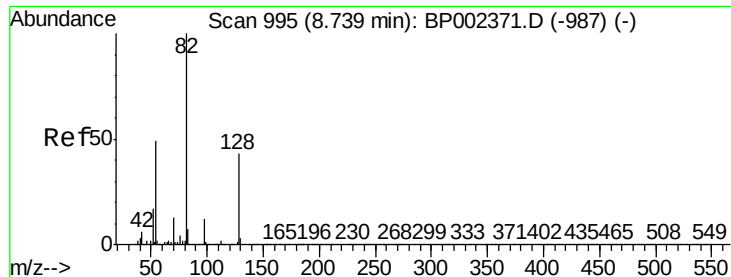
Abundance Ion 136.00 (135.70 to 136.70): E

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

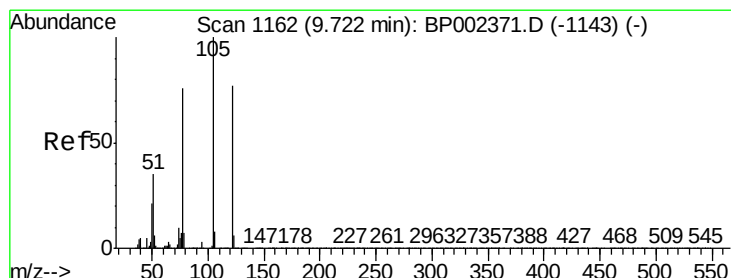
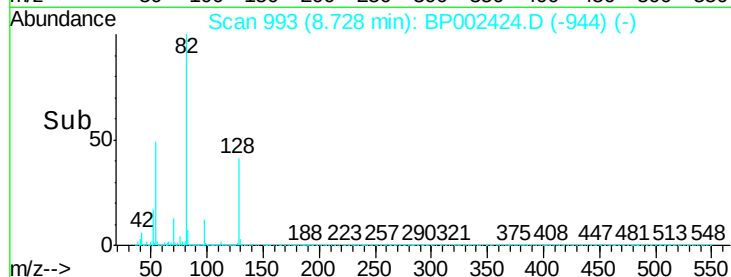
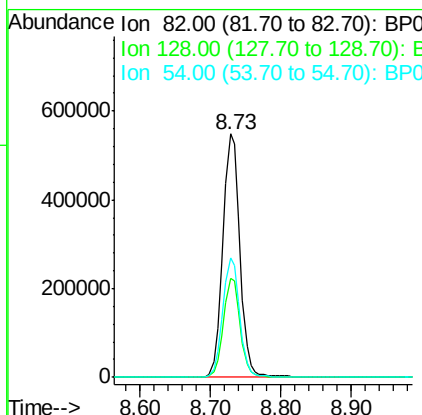
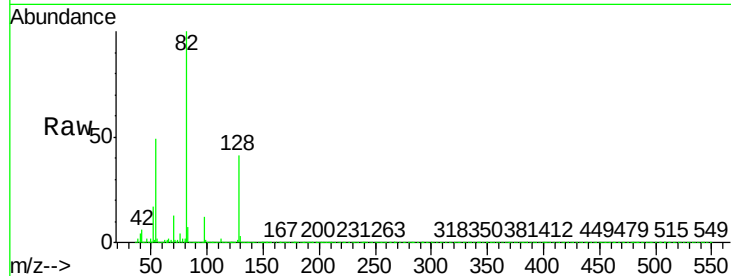




#23
 Nitrobenzene-d5
 Concen: 91.858 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002424.D
 Acq: 17 Jun 2020 18:01

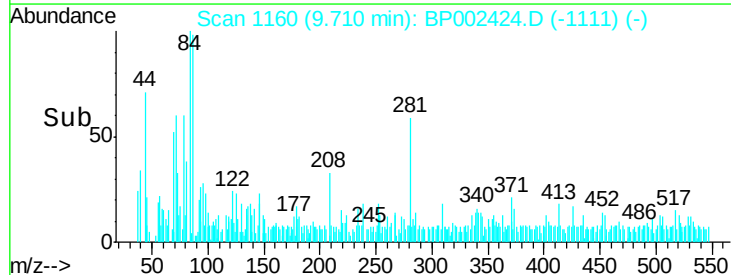
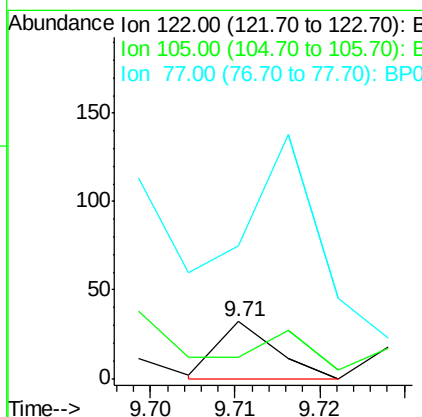
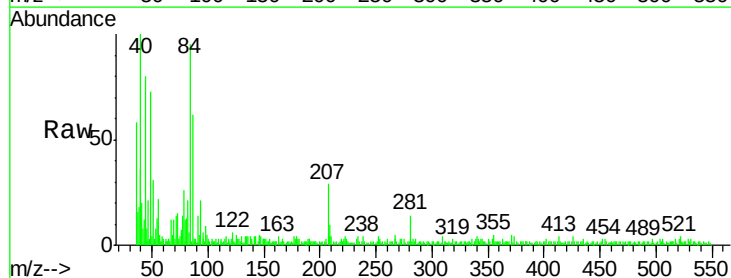
Instrument :
 BNA_P
 ClientSampleId :
 PB129590BL

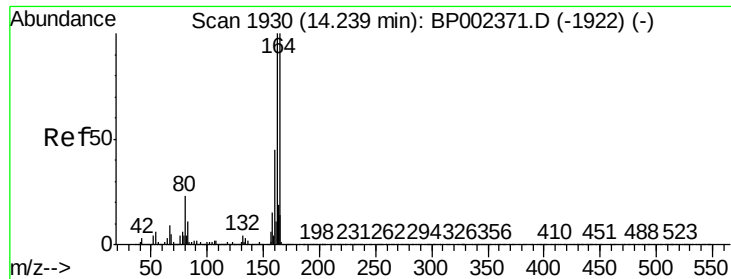
Tot Ion	82	Resp	925461
Ion Ratio	Lower	Upper	
82	100		
128	40.8	34.5	51.7
54	49.3	39.4	59.2



#32
 Benzoic acid
 Concen: 4.601 ng
 RT: 9.71 min Scan# 1160
 Delta R.T. -0.01 min
 Lab File: BP002424.D
 Acq: 17 Jun 2020 18:01

Tgt Ion	122	Resp	15
Ion Ratio	Lower	Upper	
122	100		
105	37.5	106.3	146.3#
77	234.4	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: BP002424.D

Acq: 17 Jun 2020 18:01

Instrument :

BNA_P

ClientSampleId :

PB129590BL

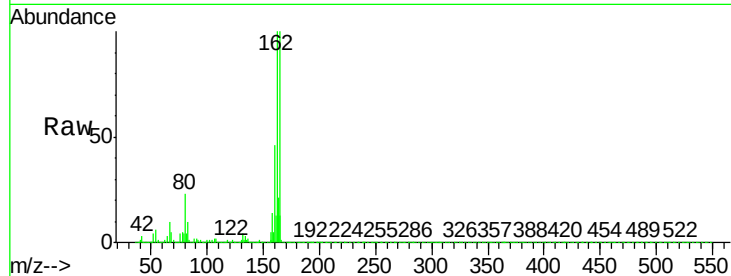
Tot Ion:164 Resp: 373200

Ion Ratio Lower Upper

164 100

162 100.0 79.8 119.8

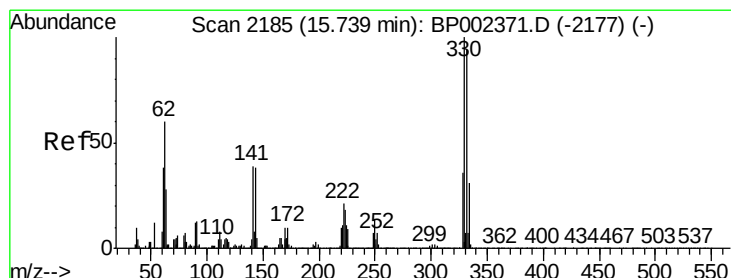
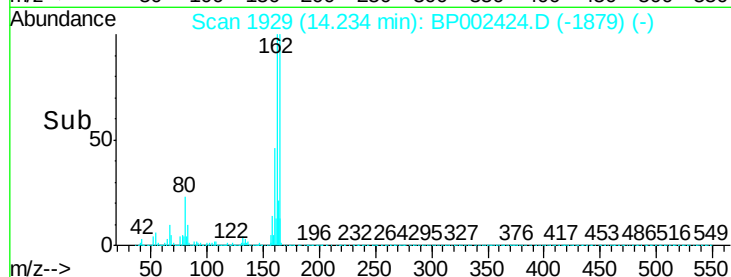
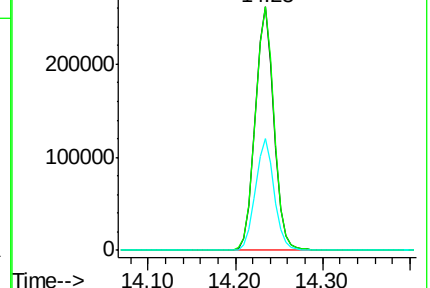
160 45.7 36.2 54.2



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: 138.720 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002424.D

Acq: 17 Jun 2020 18:01

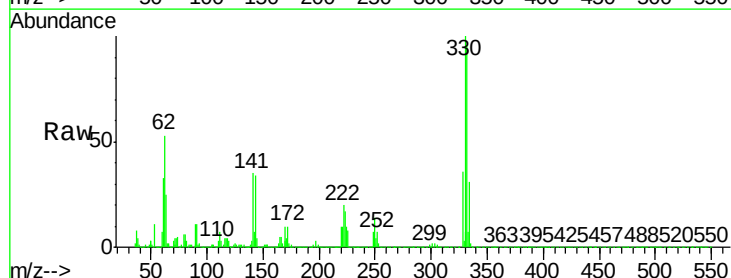
Tgt Ion:330 Resp: 495665

Ion Ratio Lower Upper

330 100

332 96.4 76.6 115.0

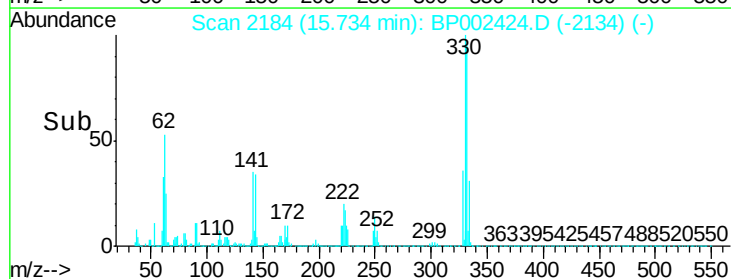
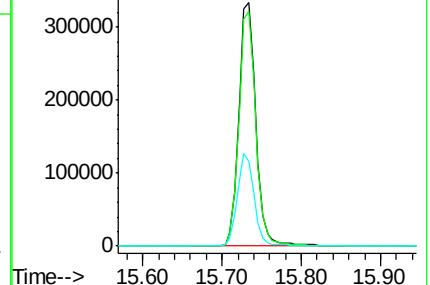
141 37.4 30.3 45.5

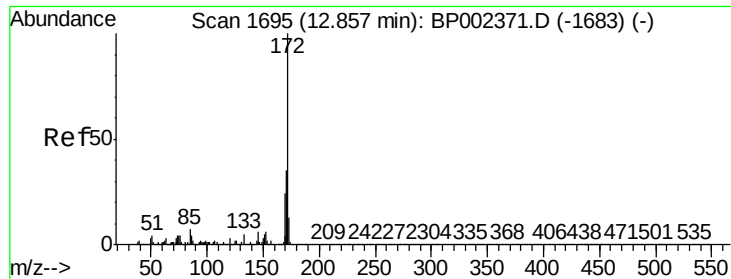


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

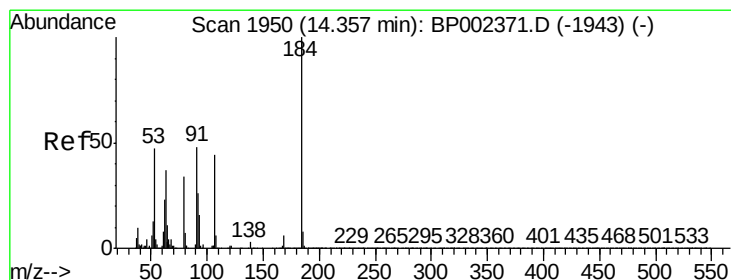
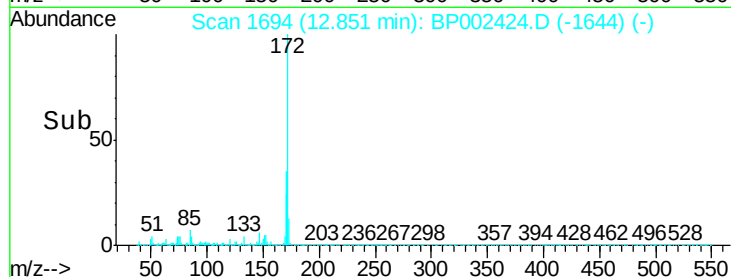
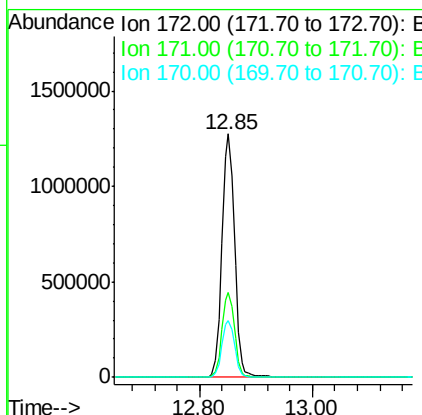
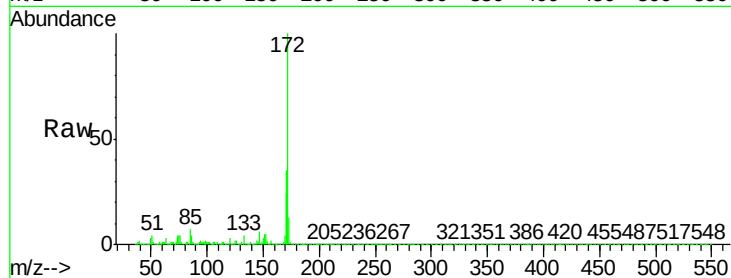




#45
2-Fluorobiphenyl
Concen: 89.569 ng
RT: 12.85 min Scan# 1694
Delta R.T. -0.00 min
Lab File: BP002424.D
Acq: 17 Jun 2020 18:01

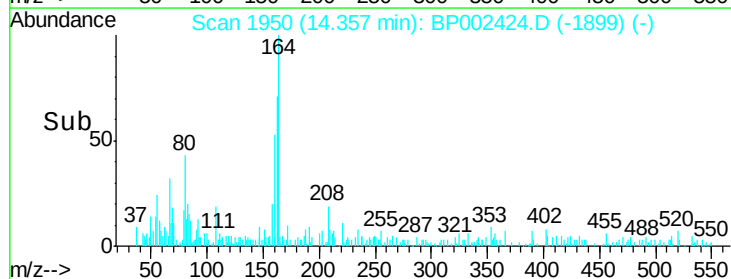
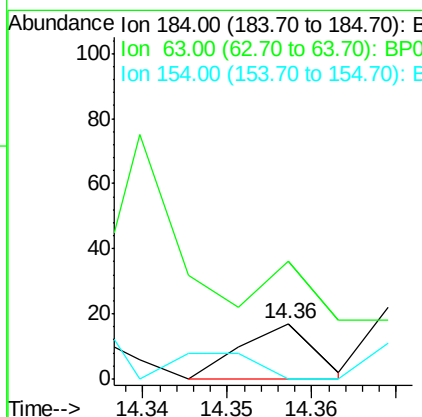
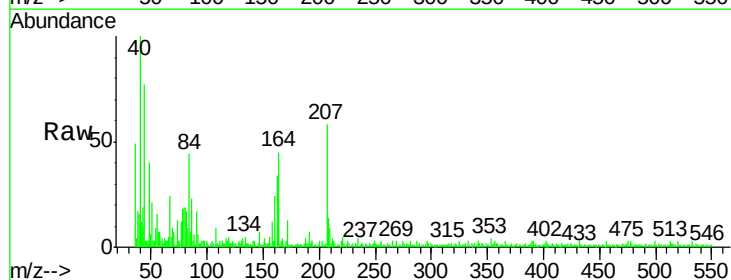
Instrument :
BNA_P
ClientSampleId :
PB129590BL

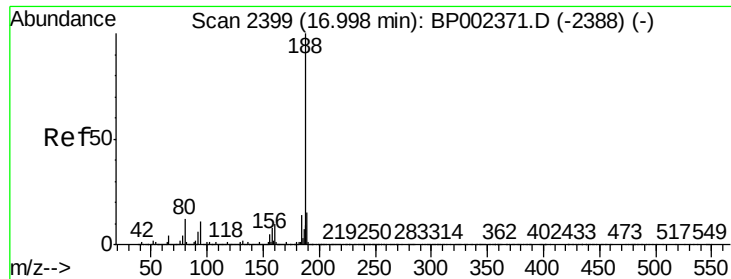
Tot Ion:172 Resp: 1988028
Ion Ratio Lower Upper
172 100
171 35.1 27.8 41.8
170 23.5 19.0 28.6



#54
2,4-Dinitrophenol
Concen: 2.789 ng
RT: 14.36 min Scan# 1950
Delta R.T. 0.00 min
Lab File: BP002424.D
Acq: 17 Jun 2020 18:01

Tgt Ion:184 Resp: 10
Ion Ratio Lower Upper
184 100
63 211.8 52.3 78.5#
154 0.0 48.6 72.8#

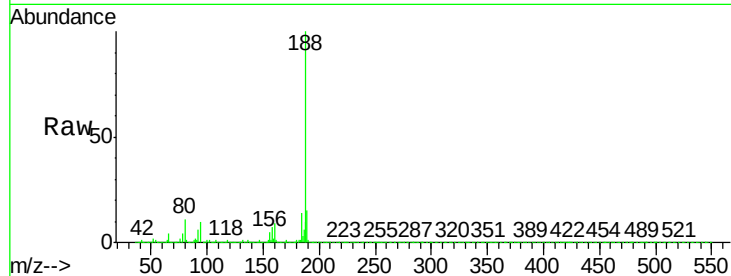




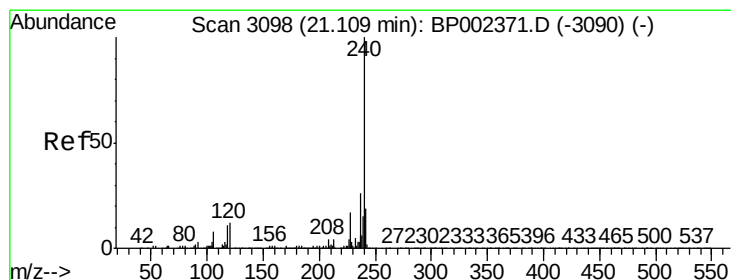
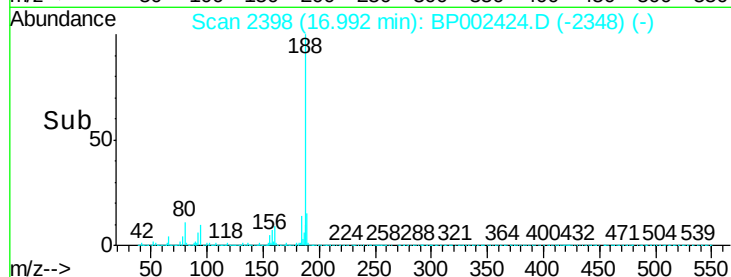
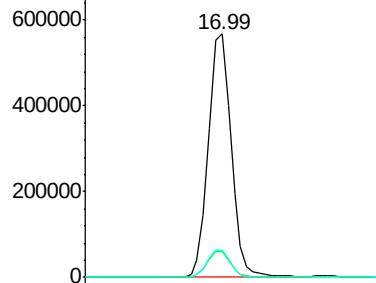
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.99 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BP002424.D
Acq: 17 Jun 2020 18:01

Instrument :
BNA_P
ClientSampleId :
PB129590BL

Tot Ion:188 Resp: 846585
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.2 9.4 14.0

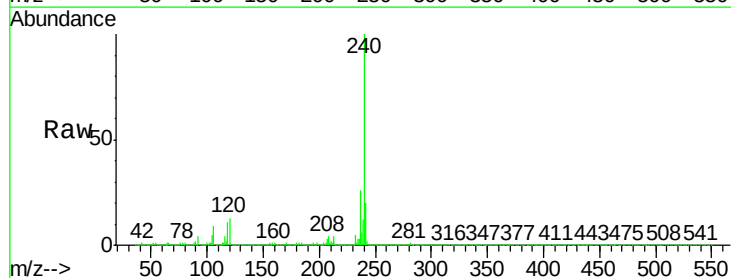


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

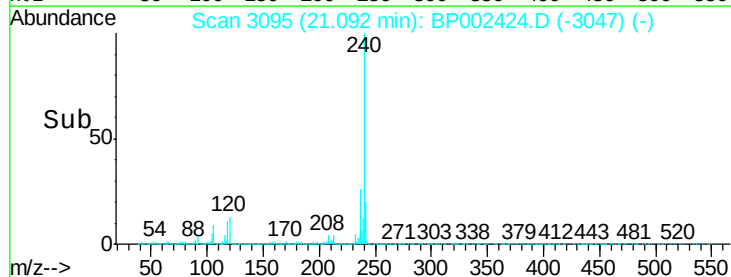
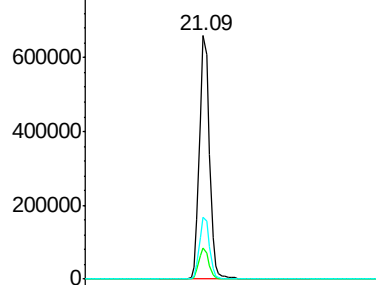


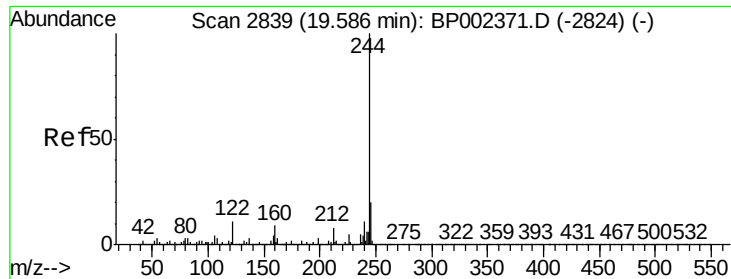
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3095
Delta R.T. -0.02 min
Lab File: BP002424.D
Acq: 17 Jun 2020 18:01

Tgt Ion:240 Resp: 866420
Ion Ratio Lower Upper
240 100
120 12.8 9.3 13.9
236 25.7 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: 99.117 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002424.D

Acq: 17 Jun 2020 18:01

Instrument :

BNA_P

ClientSampleId :

PB129590BL

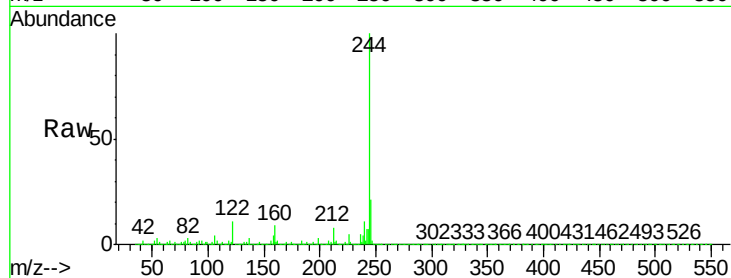
Tot Ion:244 Resp: 3185640

Ion Ratio Lower Upper

244 100

212 7.9 6.6 10.0

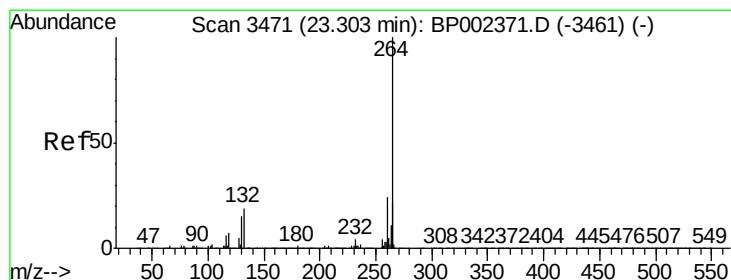
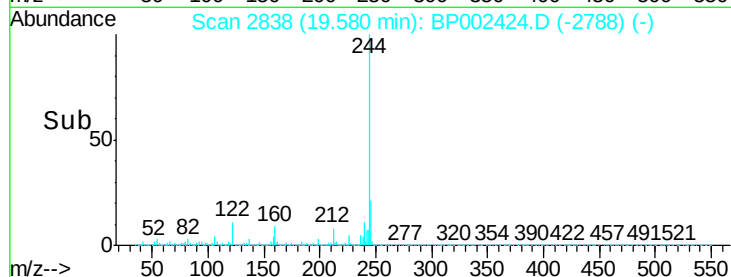
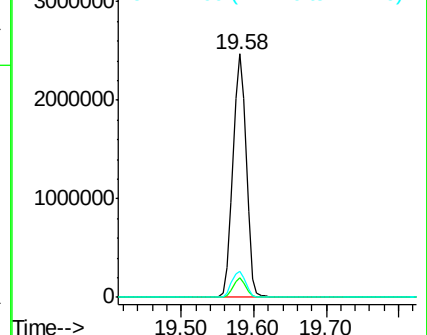
122 10.5 8.8 13.2



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: BP002424.D

Acq: 17 Jun 2020 18:01

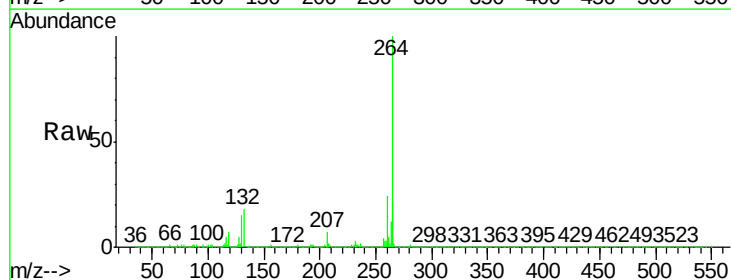
Tgt Ion:264 Resp: 921526

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 21.4 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

