

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061620\
 Data File : BP002415.D
 Acq On : 16 Jun 2020 15:02
 Operator : CG/JU
 Sample : PB129581BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129581BL

Quant Time: Jun 16 15:40:45 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

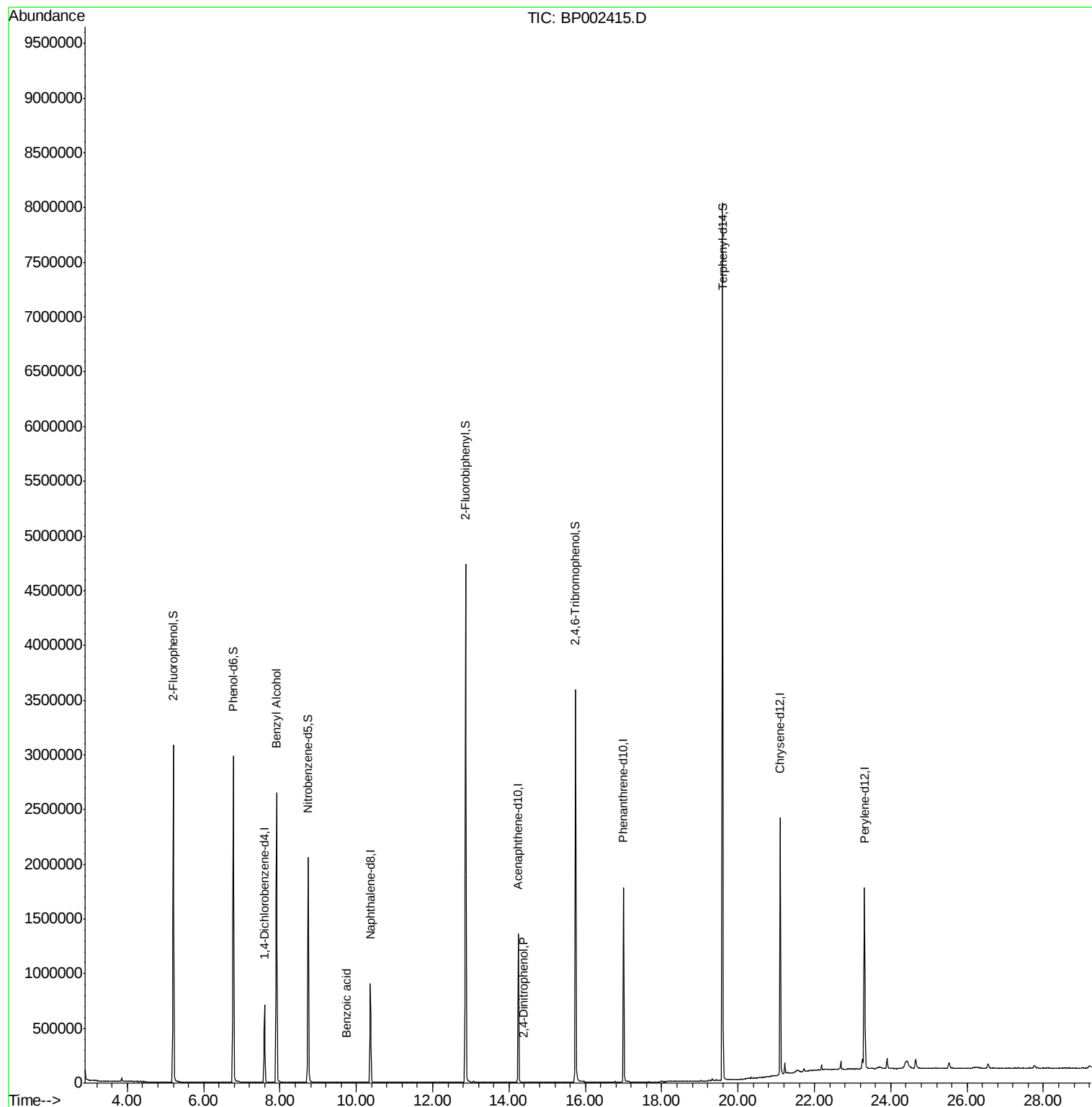
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	184679	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	760727	20.00	ng	0.00
39) Acenaphthene-d10	14.25	164	471381	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1065241	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1079924	20.00	ng	0.00
86) Perylene-d12	23.30	264	1142704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1324817	132.74	ng	0.00
7) Phenol-d6	6.78	99	1772162	133.37	ng	0.00
23) Nitrobenzene-d5	8.73	82	1216691	95.51	ng	0.00
42) 2,4,6-Tribromophenol	15.74	330	647216	143.41	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	2550774	90.99	ng	0.00
79) Terphenyl-d14	19.59	244	3824016	93.93	ng	0.00
Target Compounds						
9) Benzaldehyde	6.71	77	125	Below Cal	Qvalue # 25	
15) Benzyl Alcohol	7.91	79	20876	2.027 ng	# 45	
32) Benzoic acid	9.73	122	38	4.603 ng	# 70	
54) 2,4-Dinitrophenol	14.36	184	21	2.791 ng	# 80	
61) 4-Chlorophenyl-phenylether	15.56	204	32	Below Cal	95	

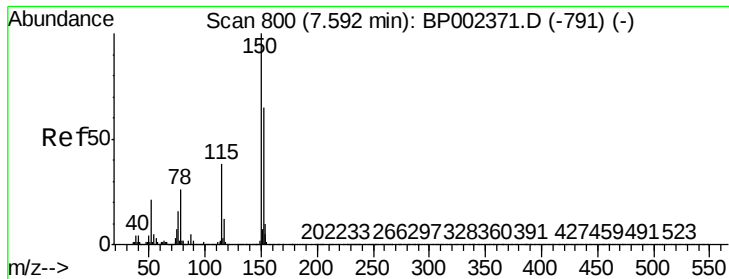
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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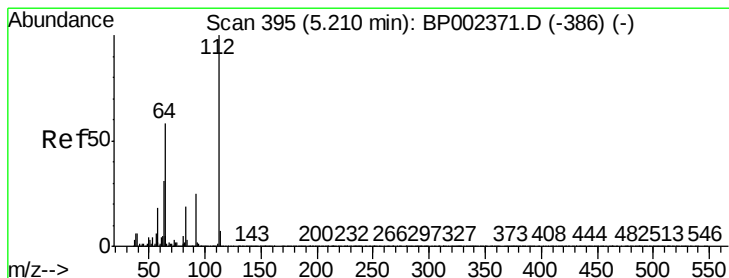
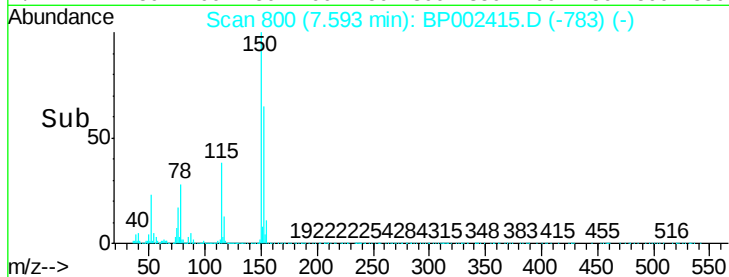
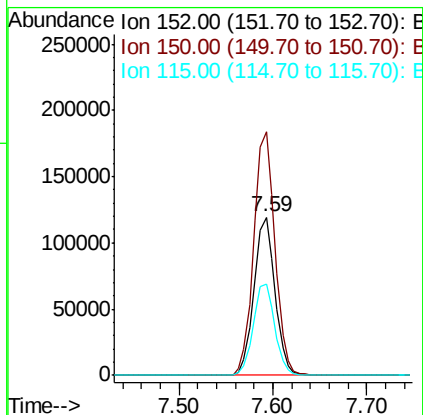
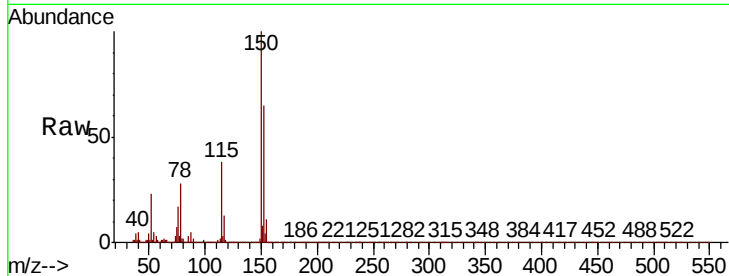


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002415.D
Acq: 16 Jun 2020 15:02

Instrument :
BNA_P
ClientSampleId :
PB129581BL

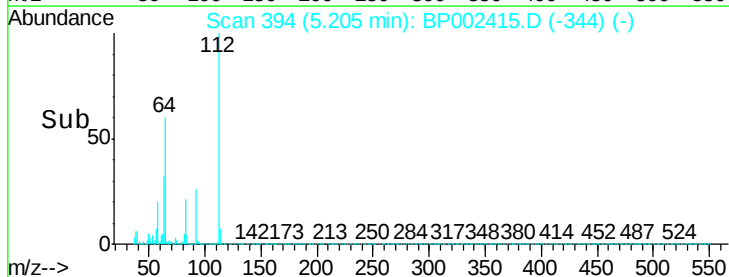
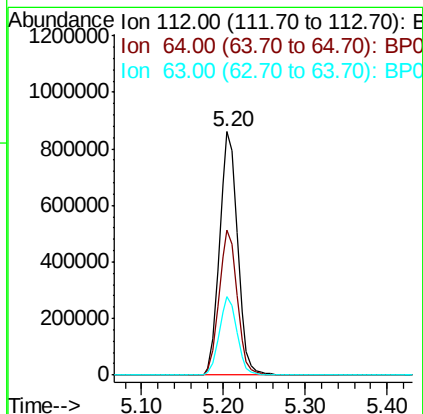
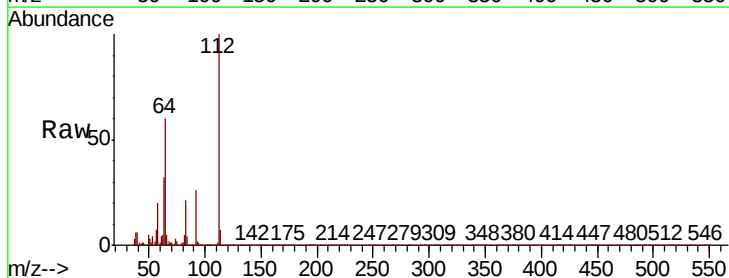
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.9	124.0	186.0
115	57.9	47.4	71.0

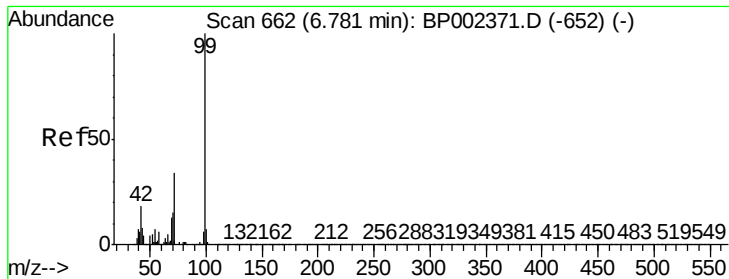


#5

2-Fluorophenol
Concen: 132.742 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002415.D
Acq: 16 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.2	69.2
63	32.4	24.5	36.7





#7

Phenol-d6

Concen: 133.367 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002415.D

Acq: 16 Jun 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB129581BL

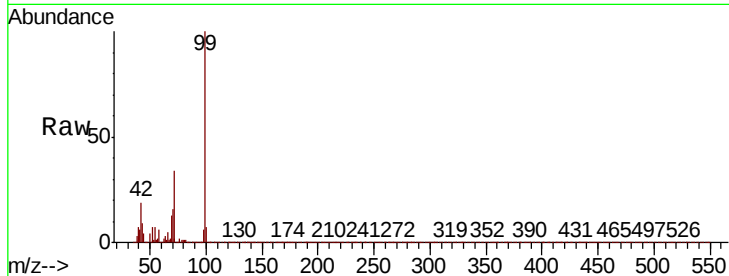
Tot Ion: 99 Resp: 1772162

Ion Ratio Lower Upper

99 100

42 18.6 14.6 22.0

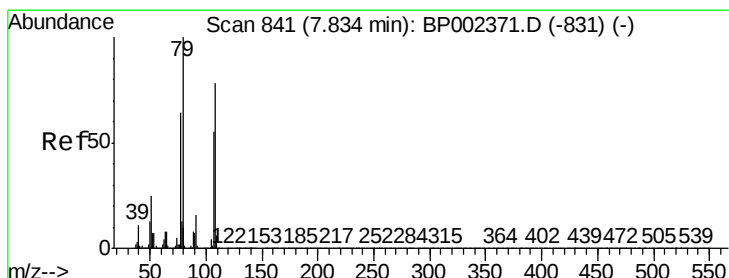
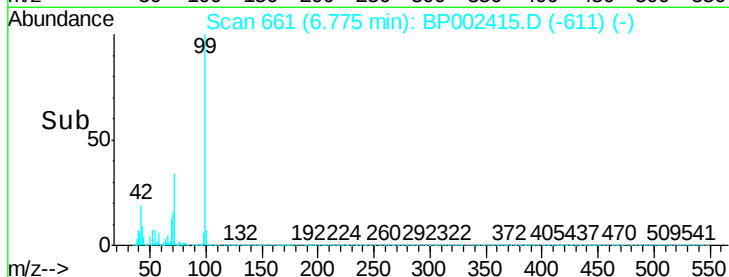
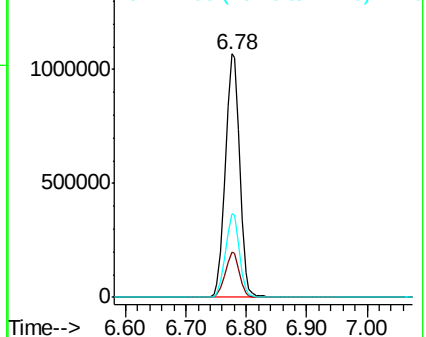
71 34.3 27.2 40.8



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



#15

Benzyl Alcohol

Concen: 2.027 ng

RT: 7.91 min Scan# 854

Delta R.T. 0.08 min

Lab File: BP002415.D

Acq: 16 Jun 2020 15:02

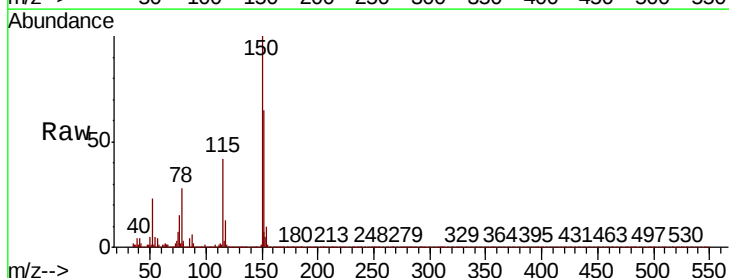
Tgt Ion: 79 Resp: 20876

Ion Ratio Lower Upper

79 100

108 39.7 62.6 94.0#

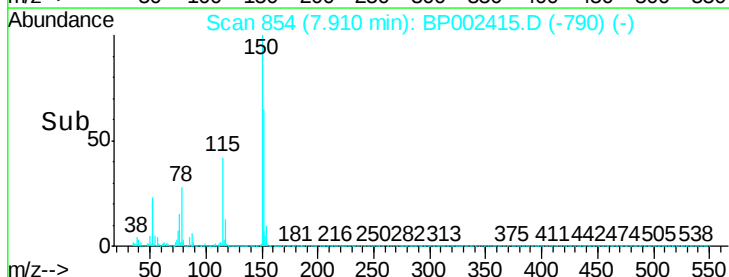
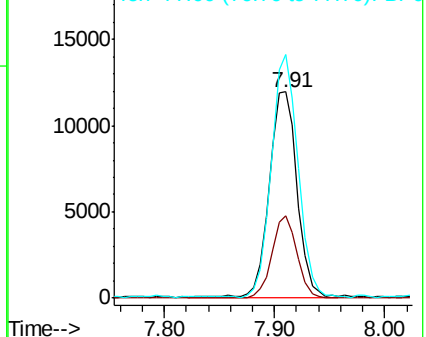
77 118.2 51.5 77.3#

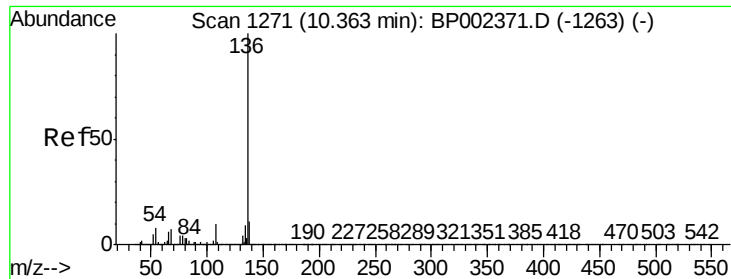


Abundance Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

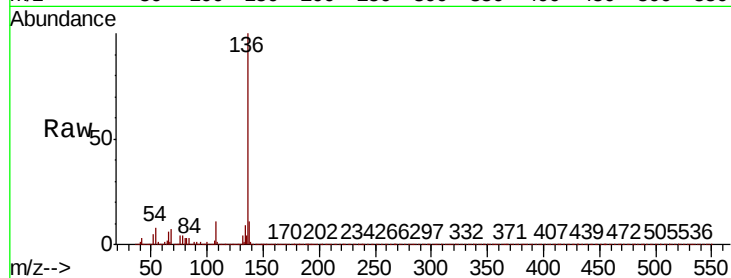




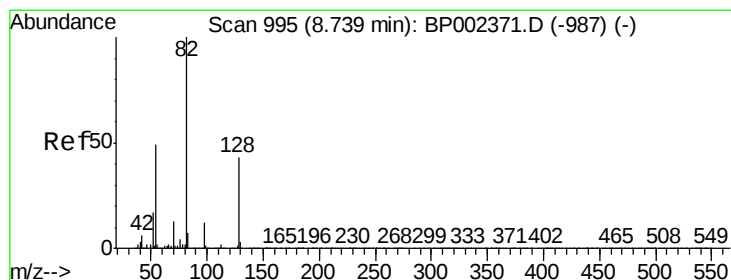
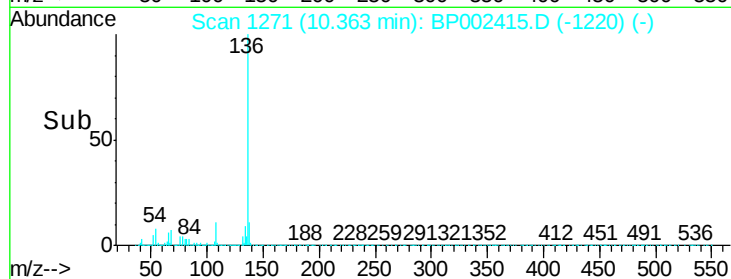
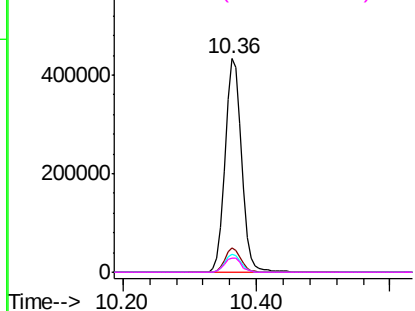
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.36 min Scan# 1271
Delta R.T. 0.00 min
Lab File: BP002415.D
Acq: 16 Jun 2020 15:02

Instrument :
BNA_P
ClientSampleId :
PB129581BL

Tot Ion:136	Resp: 760727
Ion Ratio	Lower Upper
136 100	
137 11.2	8.8 13.2
54 8.4	6.4 9.6
68 6.7	5.6 8.4

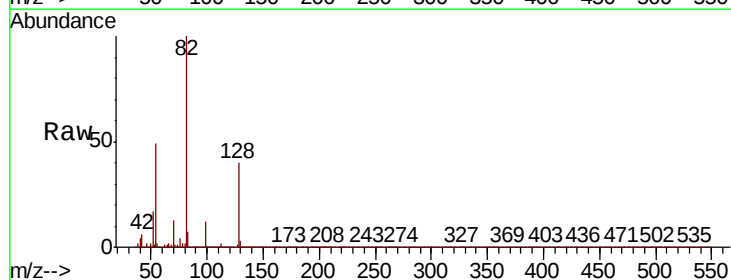


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

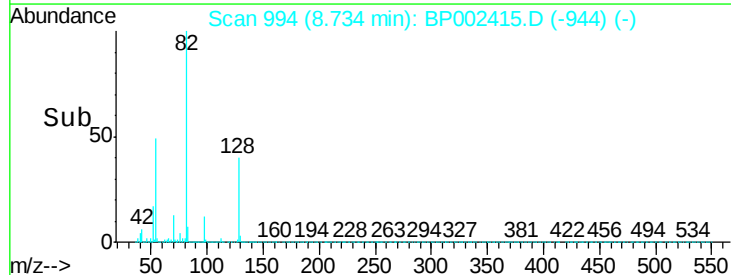
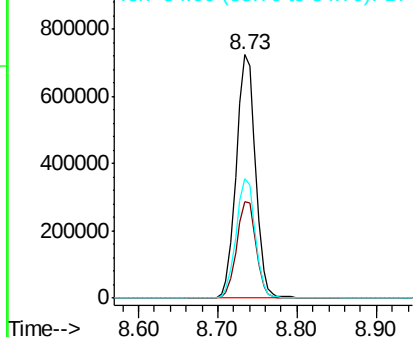


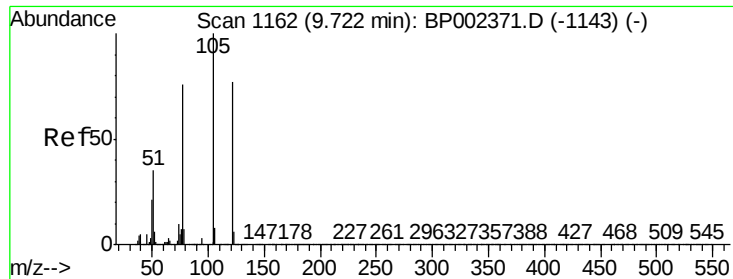
#23
Nitrobenzene-d5
Concen: 95.513 ng
RT: 8.73 min Scan# 994
Delta R.T. -0.01 min
Lab File: BP002415.D
Acq: 16 Jun 2020 15:02

Tgt Ion: 82	Resp: 1216691
Ion Ratio	Lower Upper
82 100	
128 39.8	34.5 51.7
54 49.2	39.4 59.2



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: 4.603 ng

RT: 9.73 min Scan# 1164

Delta R.T. 0.01 min

Lab File: BP002415.D

Acq: 16 Jun 2020 15:02

Instrument :

BNA_P

ClientSampled :

PB129581BL

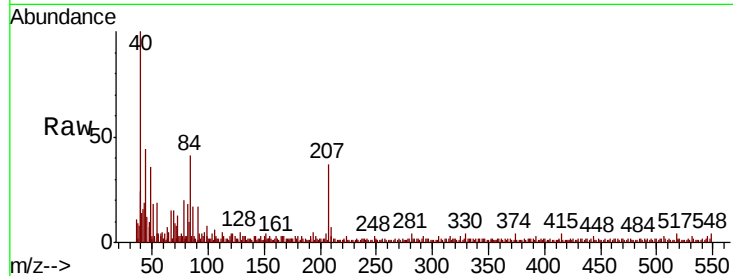
Tot Ion:122 Resp: 38

Ion Ratio Lower Upper

122 100

105 166.7 106.3 146.3#

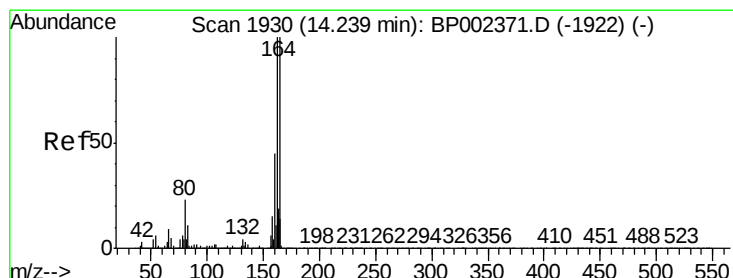
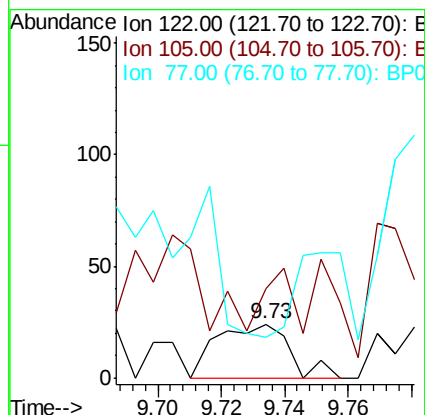
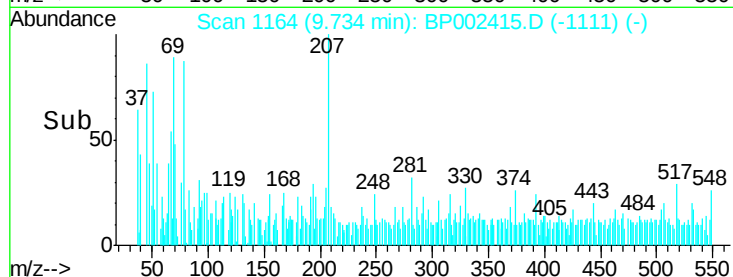
77 75.0 77.5 117.5#



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: 14.25 min Scan# 1931

Delta R.T. 0.01 min

Lab File: BP002415.D

Acq: 16 Jun 2020 15:02

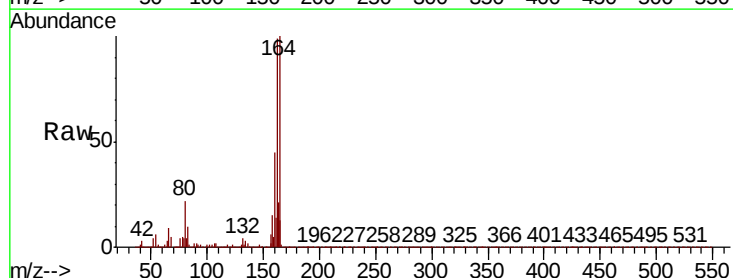
Tgt Ion:164 Resp: 471381

Ion Ratio Lower Upper

164 100

162 99.0 79.8 119.8

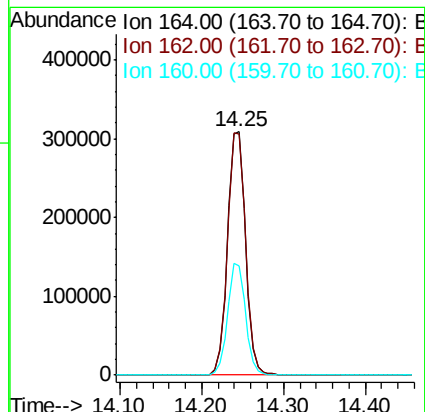
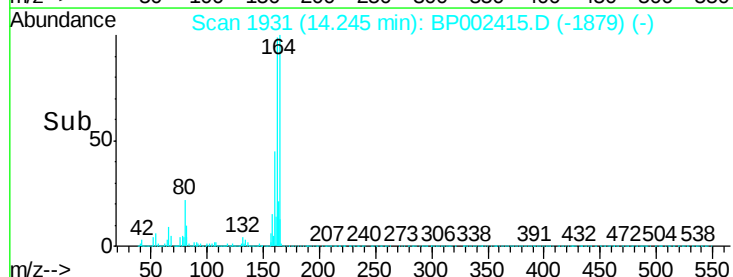
160 44.7 36.2 54.2

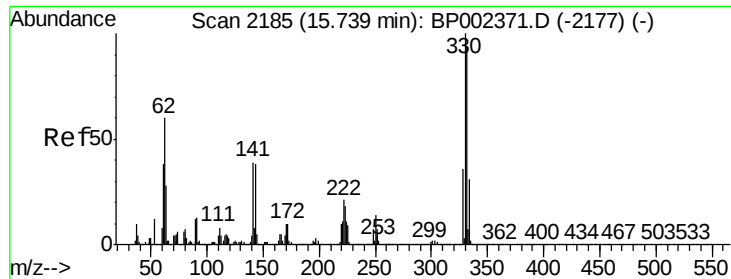


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

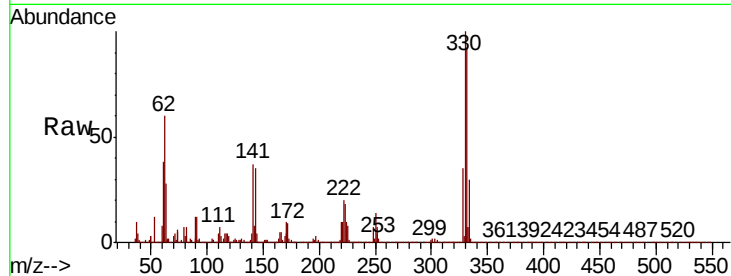




#42
 2,4,6-Tribromophenol
 Concen: 143.407 ng
 RT: 15.74 min Scan# 2185
 Delta R.T. 0.00 min
 Lab File: BP002415.D
 Acq: 16 Jun 2020 15:02

Instrument :
 BNA_P
 ClientSampleId :
 PB129581BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	36.0	30.3	45.5

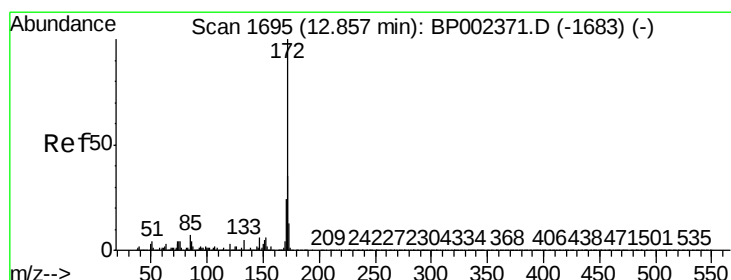
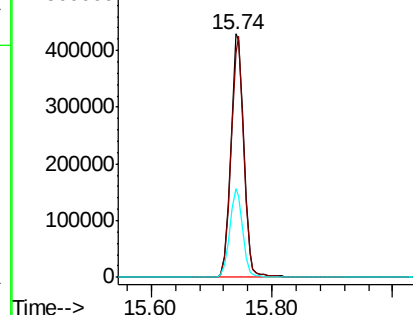
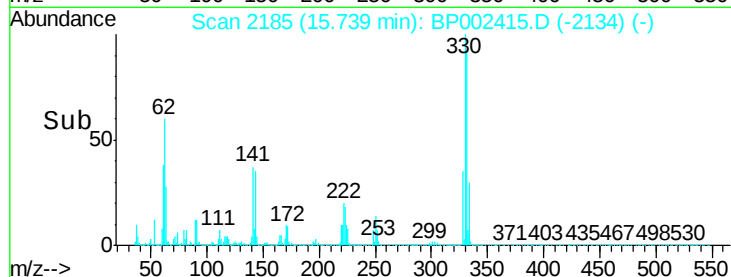


Abundance

Ion 329.80 (329.50 to 330.50): E

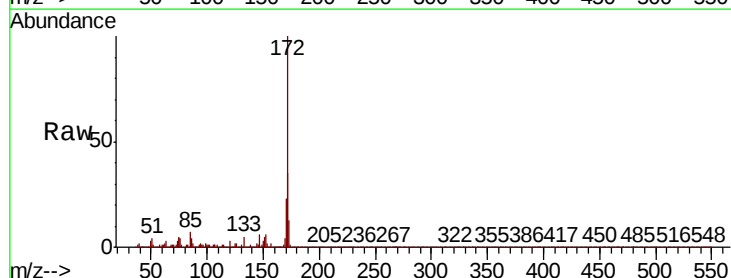
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 90.986 ng
 RT: 12.86 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BP002415.D
 Acq: 16 Jun 2020 15:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.8	41.8
170	23.3	19.0	28.6

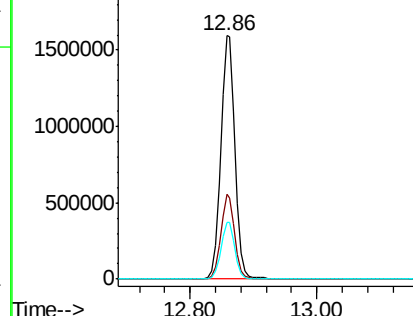
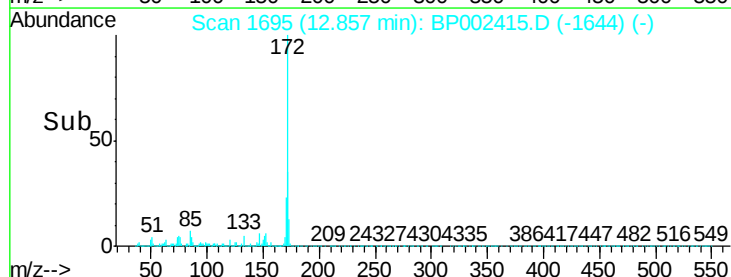


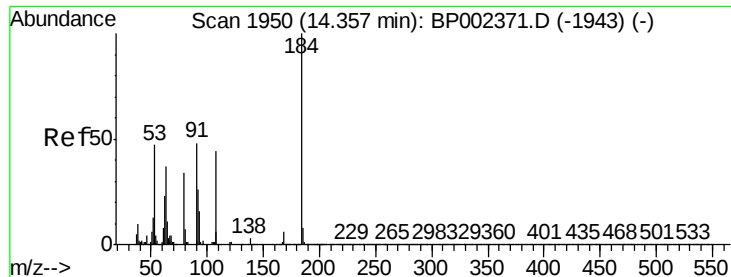
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#54

2,4-Dinitrophenol

Concen: 2.791 ng

RT: 14.36 min Scan# 1951

Delta R.T. 0.01 min

Lab File: BP002415.D

Acq: 16 Jun 2020 15:02

Instrument :

BNA_P

ClientSampleId :

PB129581BL

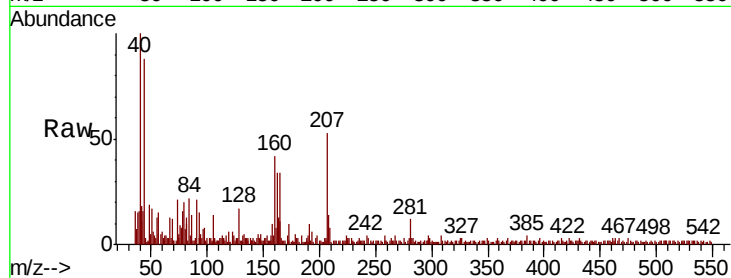
Tot Ion:184 Resp: 21

Ion Ratio Lower Upper

184 100

63 91.3 52.3 78.5#

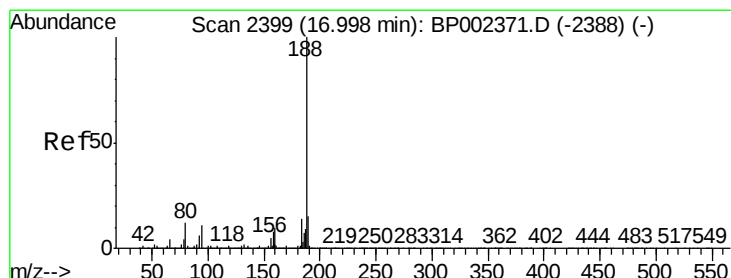
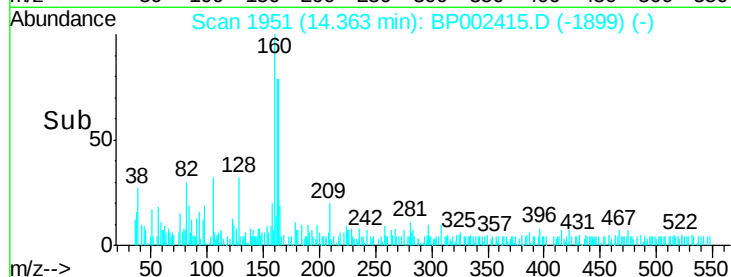
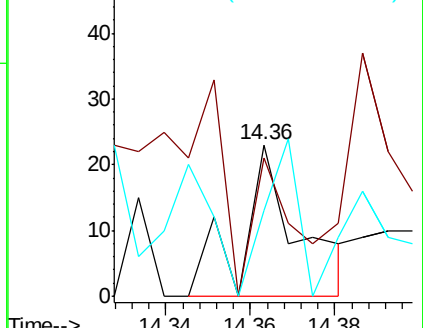
154 56.5 48.6 72.8



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 154.00 (153.70 to 154.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BP002415.D

Acq: 16 Jun 2020 15:02

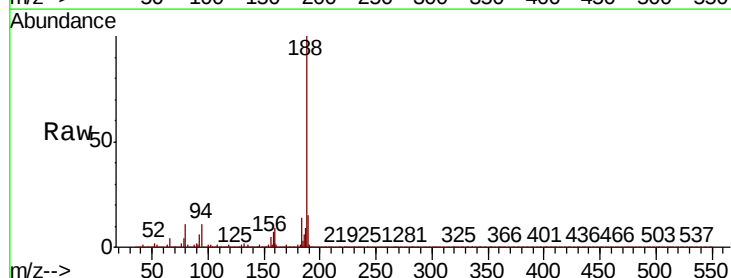
Tgt Ion:188 Resp: 1065241

Ion Ratio Lower Upper

188 100

94 10.7 8.5 12.7

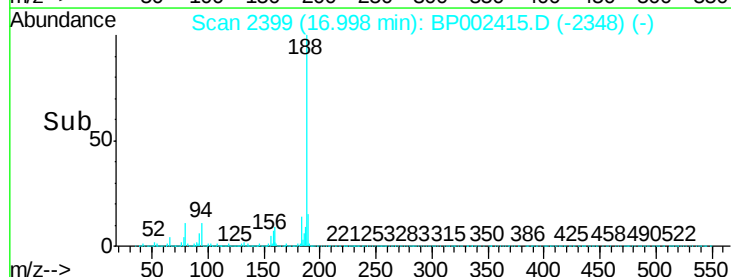
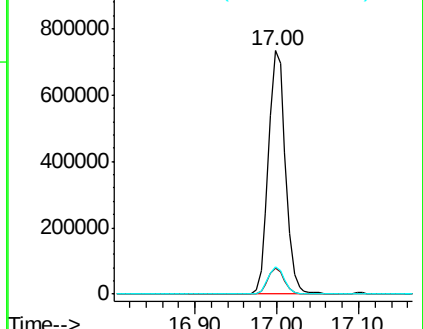
80 11.3 9.4 14.0

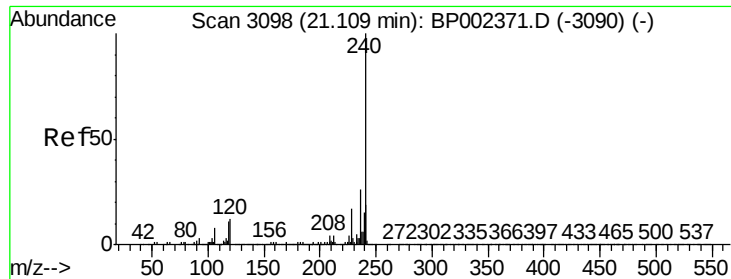


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

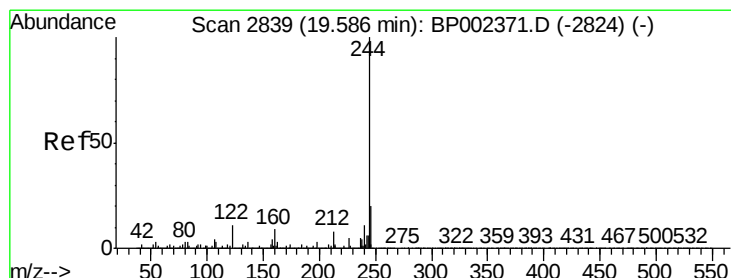
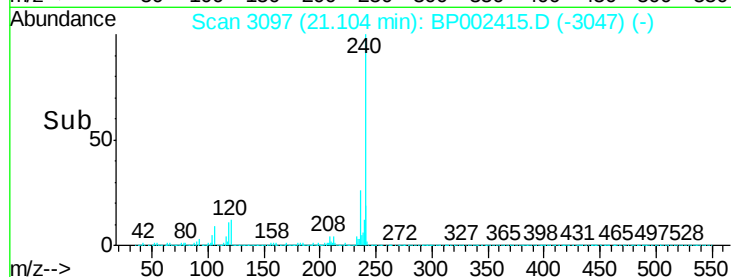
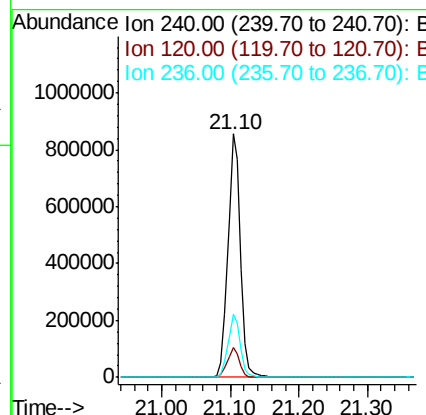
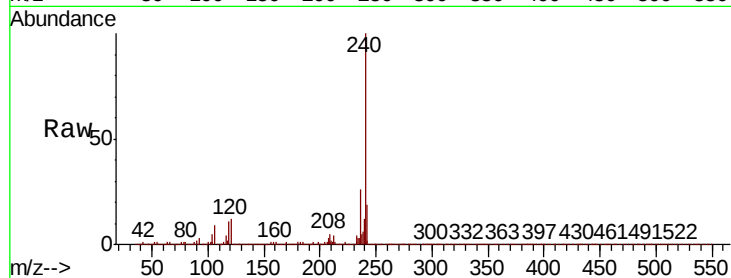




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.10 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BP002415.D
Acq: 16 Jun 2020 15:02

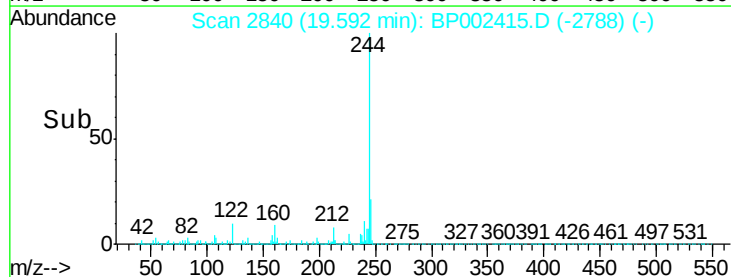
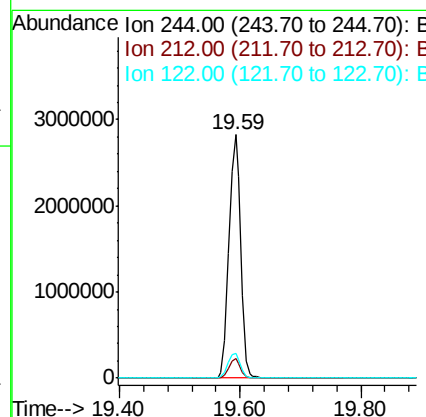
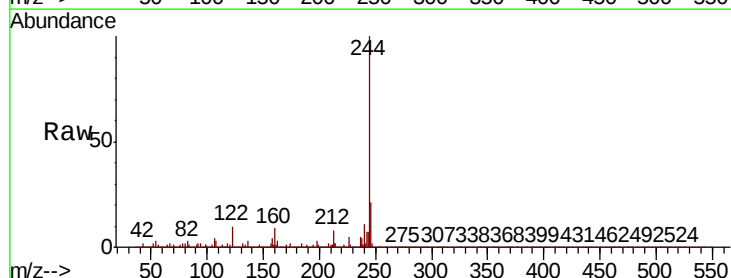
Instrument :
BNA_P
ClientSampled :
PB129581BL

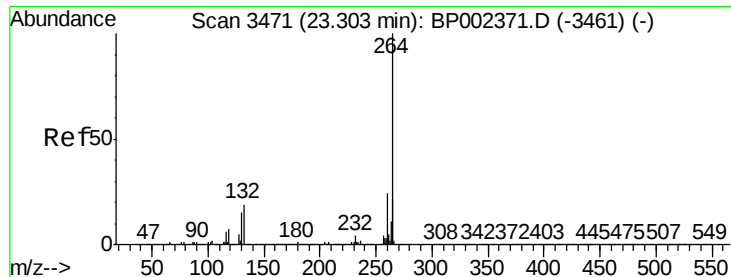
Tot Ion:240 Resp: 1079924
Ion Ratio Lower Upper
240 100
120 12.3 9.3 13.9
236 25.7 21.0 31.6



#79
Terphenyl-d14
Concen: 93.934 ng
RT: 19.59 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BP002415.D
Acq: 16 Jun 2020 15:02

Tgt Ion:244 Resp: 3824016
Ion Ratio Lower Upper
244 100
212 8.3 6.6 10.0
122 10.3 8.8 13.2





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.30 min Scan# 3471
Delta R.T. 0.00 min
Lab File: BP002415.D
Acq: 16 Jun 2020 15:02

Instrument :
BNA_P
ClientSampleId :
PB129581BL

Tot Ion:264 Resp: 1142704

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.5	17.4	26.2

