

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP062220\
 Data File : BP002478.D
 Acq On : 22 Jun 2020 14:05
 Operator : CG/JU
 Sample : PB129674BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129674BL

Quant Time: Jun 22 16:24:18 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	235954	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	954296	20.00	ng	0.00
39) Acenaphthene-d10	14.24	164	629510	20.00	ng	0.00
64) Phenanthrene-d10	17.00	188	1477728	20.00	ng	0.00
76) Chrysene-d12	21.10	240	1642729	20.00	ng	0.00
86) Perylene-d12	23.31	264	1816484	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1617941	126.88	ng	0.00
7) Phenol-d6	6.78	99	2099605	123.67	ng	0.00
23) Nitrobenzene-d5	8.73	82	1469548	91.96	ng	0.00
42) 2,4,6-Tribromophenol	15.75	330	1069520	177.45	ng	0.00
45) 2-Fluorobiphenyl	12.86	172	3251083	86.84	ng	0.00
79) Terphenyl-d14	19.59	244	5594892	88.78	ng	0.00

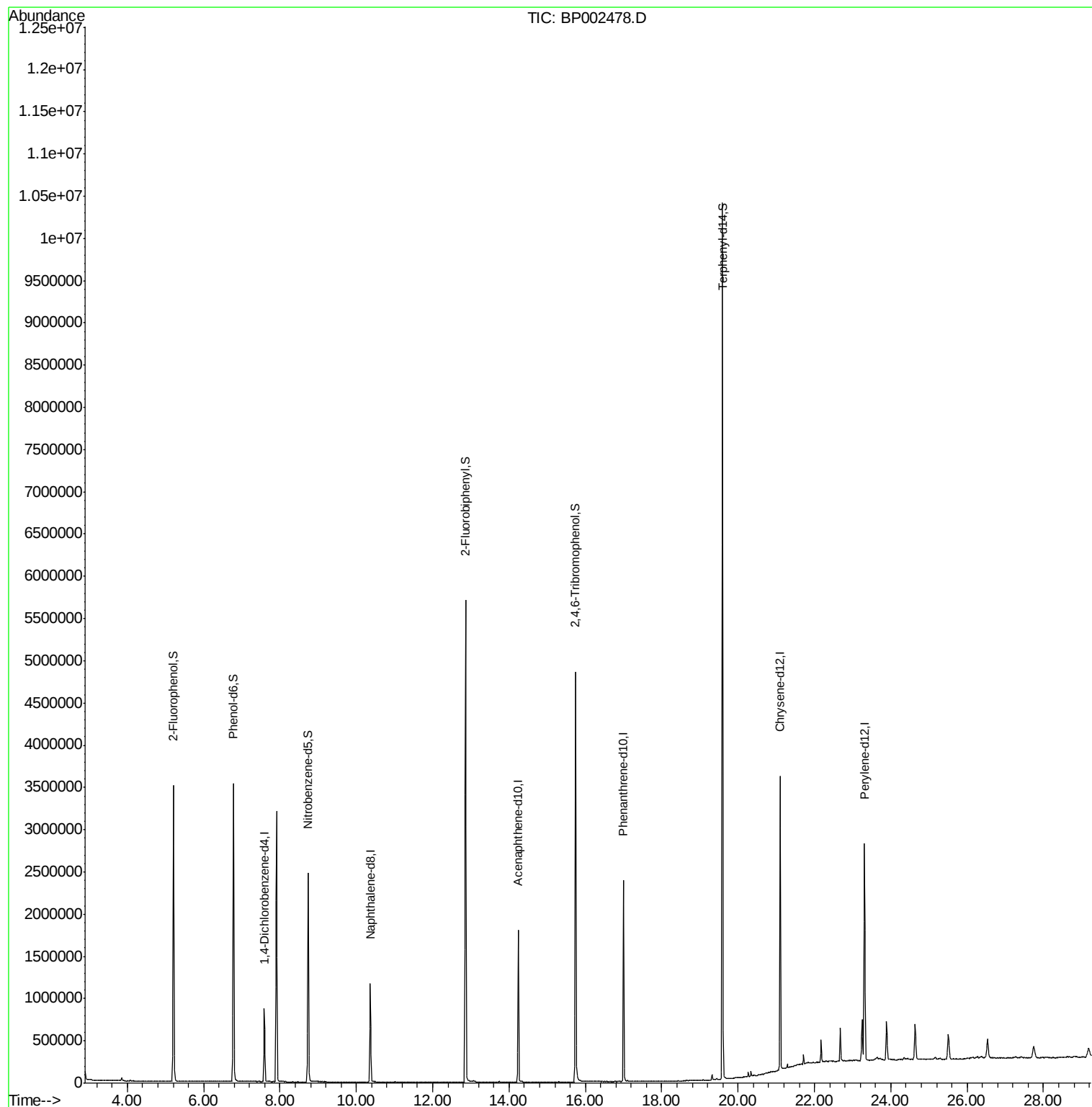
Target Compounds Qvalue

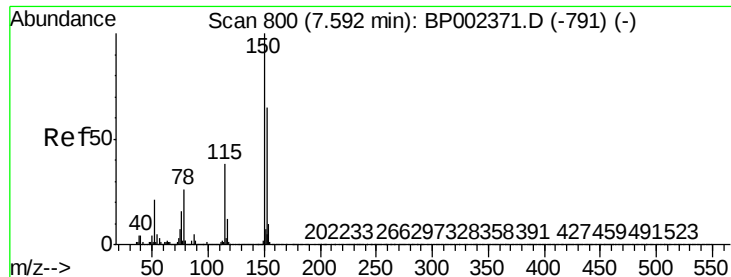
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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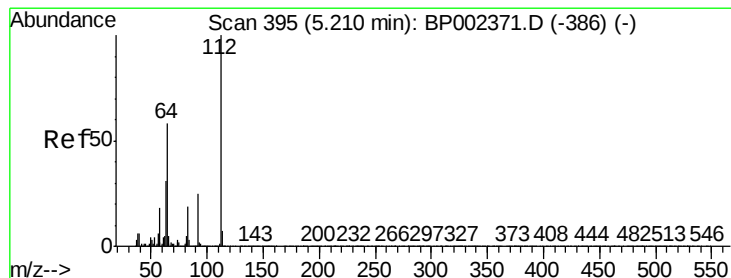
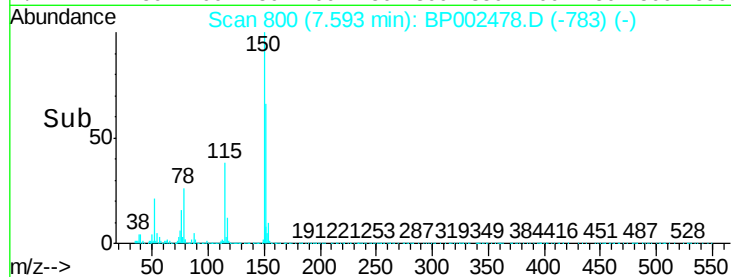
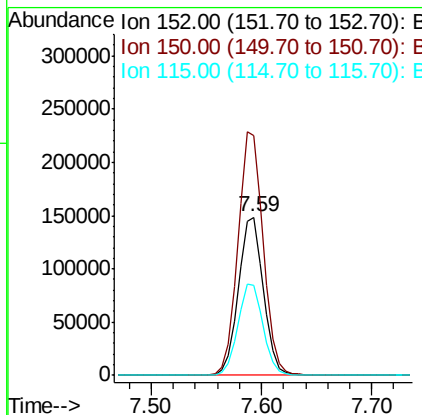
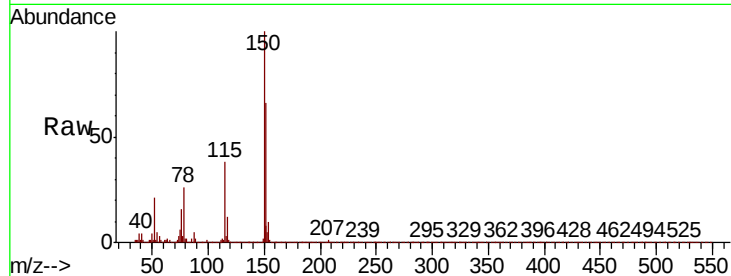


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 800
Delta R.T. 0.00 min
Lab File: BP002478.D
Acq: 22 Jun 2020 14:05

Instrument :
BNA_P
ClientSampleId :
PB129674BL

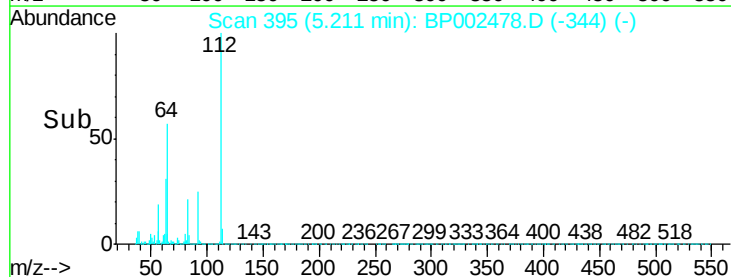
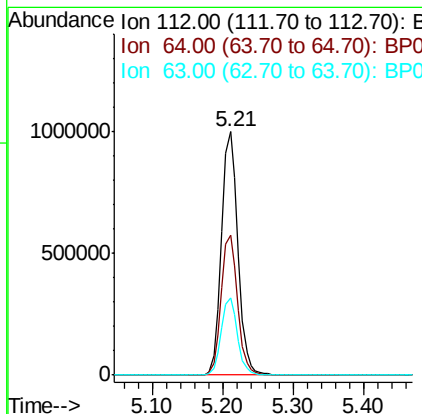
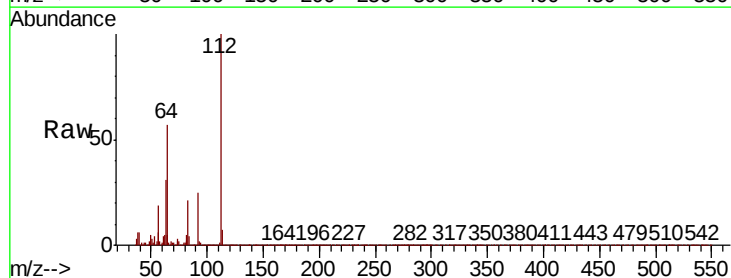
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	124.0	186.0
115	57.0	47.4	71.0

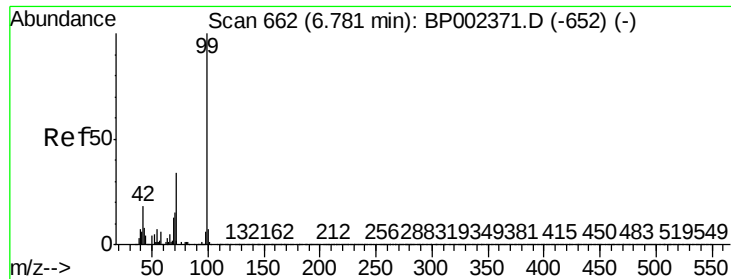


#5

2-Fluorophenol
Concen: 126.883 ng
RT: 5.21 min Scan# 395
Delta R.T. 0.00 min
Lab File: BP002478.D
Acq: 22 Jun 2020 14:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.3	46.2	69.2
63	31.5	24.5	36.7





#7

Phenol-d6

Concen: 123.673 ng

RT: 6.78 min Scan# 662

Delta R.T. 0.00 min

Lab File: BP002478.D

Acq: 22 Jun 2020 14:05

Instrument :

BNA_P

ClientSampleId :

PB129674BL

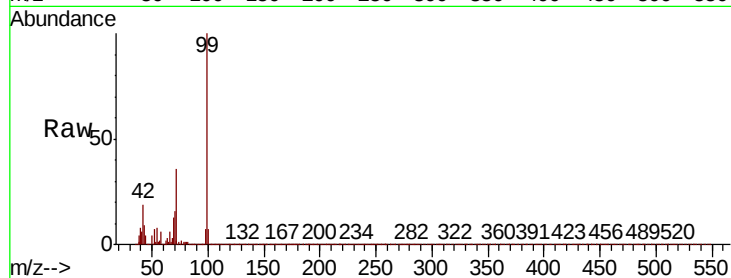
Tot Ion: 99 Resp: 2099605

Ion Ratio Lower Upper

99 100

42 19.0 14.6 22.0

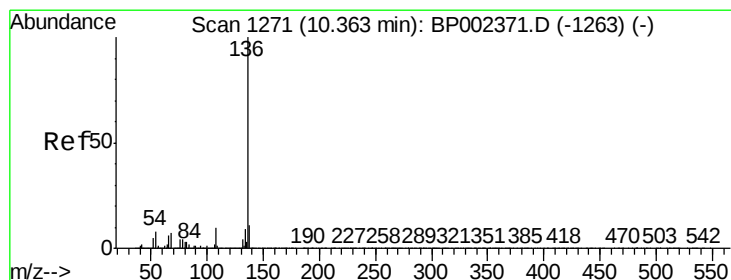
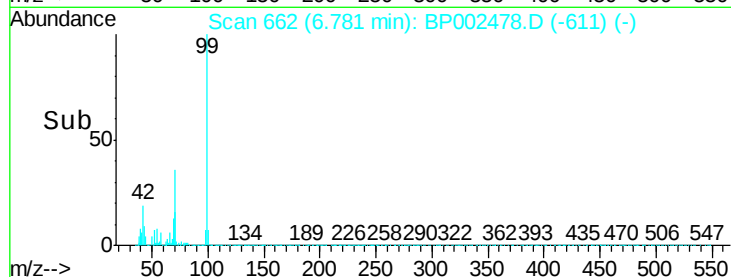
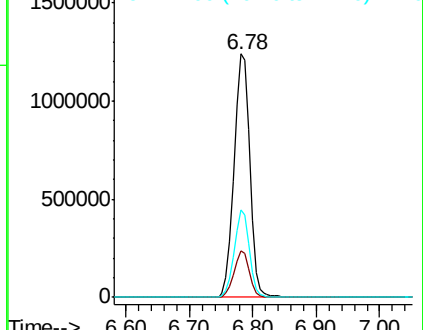
71 36.1 27.2 40.8



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# 1271

Delta R.T. 0.00 min

Lab File: BP002478.D

Acq: 22 Jun 2020 14:05

Tgt Ion: 136 Resp: 954296

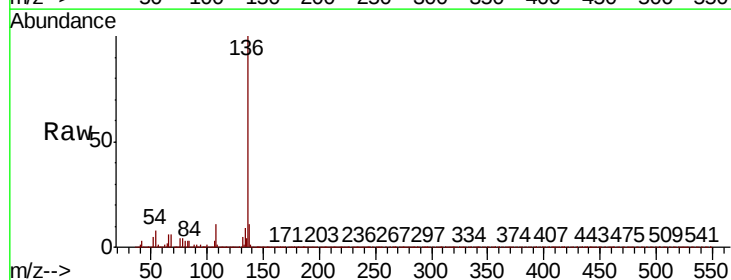
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.1 6.4 9.6

68 6.4 5.6 8.4

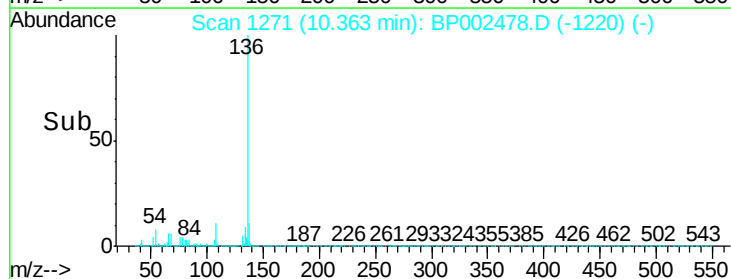
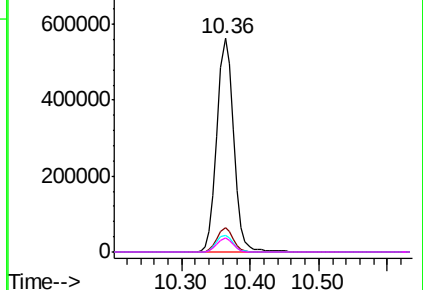


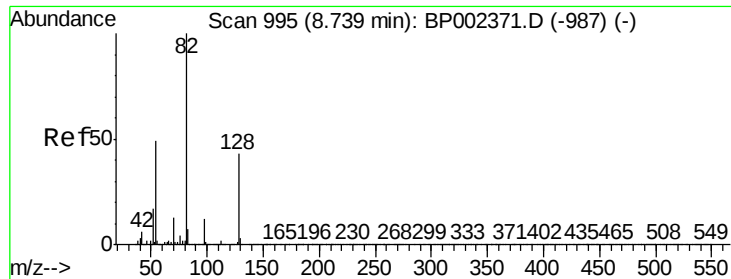
Abundance Ion 136.00 (135.70 to 136.70): E

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



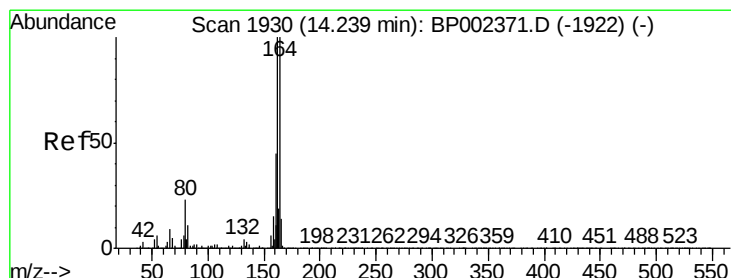
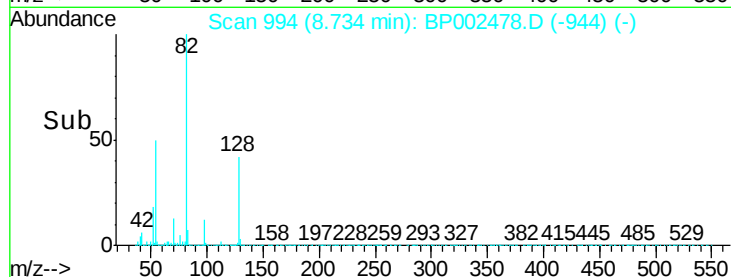
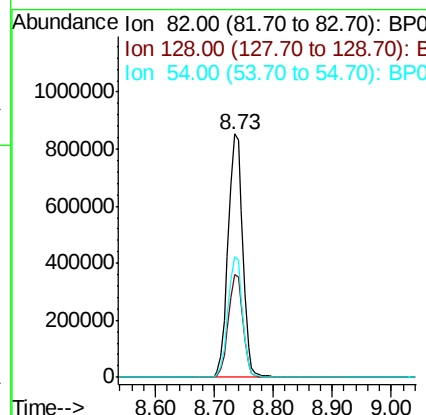
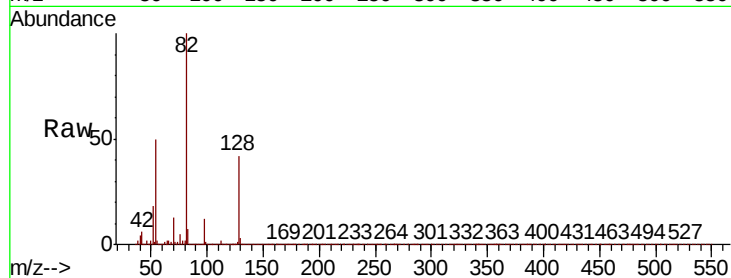


#23
 Nitrobenzene-d5
 Concen: 91.963 ng
 RT: 8.73 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BP002478.D
 Acq: 22 Jun 2020 14:05

Instrument :
 BNA_P
 ClientSampleId :
 PB129674BL

Tot Ion: 82 Resp: 1469548

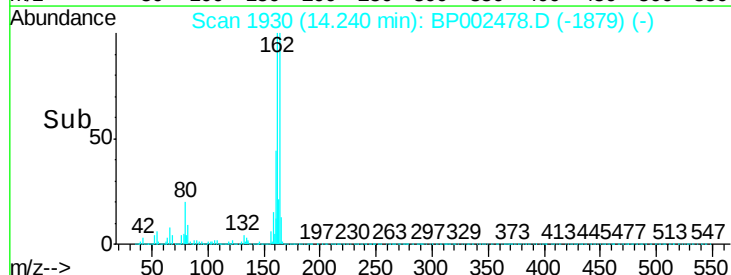
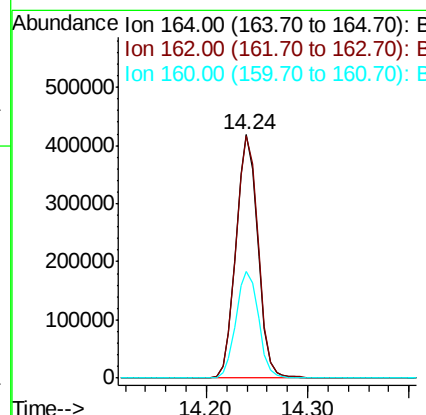
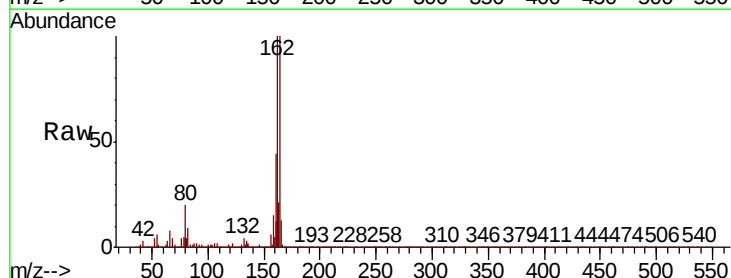
Ion	Ratio	Lower	Upper
82	100		
128	42.0	34.5	51.7
54	49.8	39.4	59.2

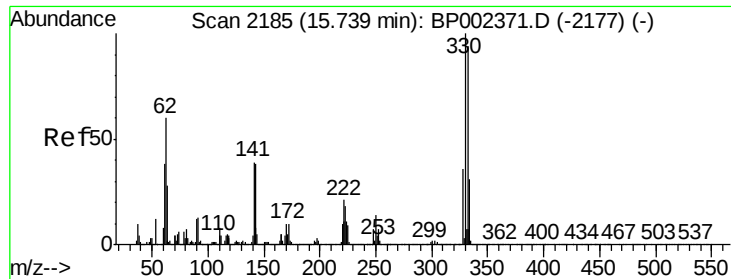


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.24 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: BP002478.D
 Acq: 22 Jun 2020 14:05

Tgt Ion: 164 Resp: 629510

Ion	Ratio	Lower	Upper
164	100		
162	99.7	79.8	119.8
160	43.7	36.2	54.2



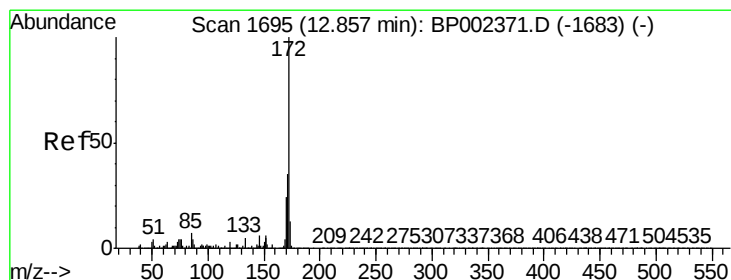
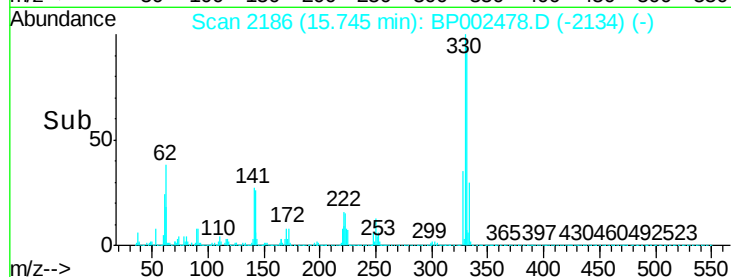
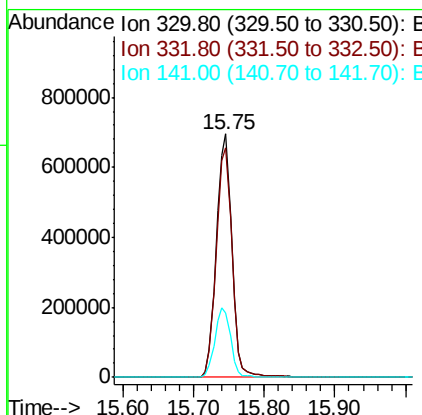
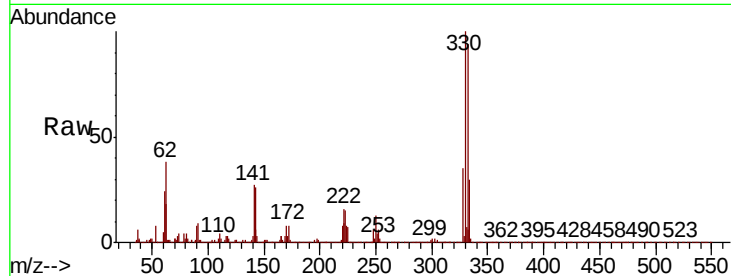


#42
 2,4,6-Tribromophenol
 Concen: 177.452 ng
 RT: 15.75 min Scan# 2186
 Delta R.T. 0.01 min
 Lab File: BP002478.D
 Acq: 22 Jun 2020 14:05

Instrument :
 BNA_P
 ClientSampleId :
 PB129674BL

Tot Ion:330 Resp: 1069520

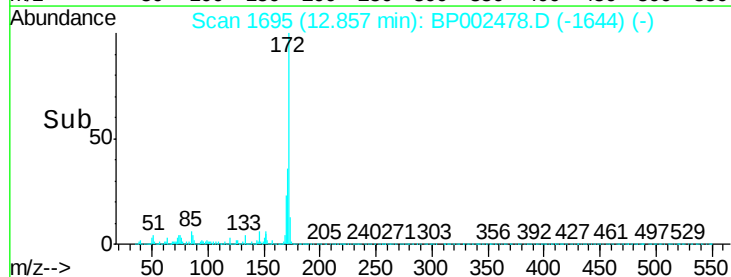
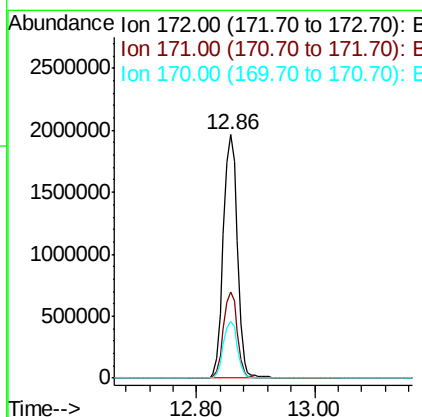
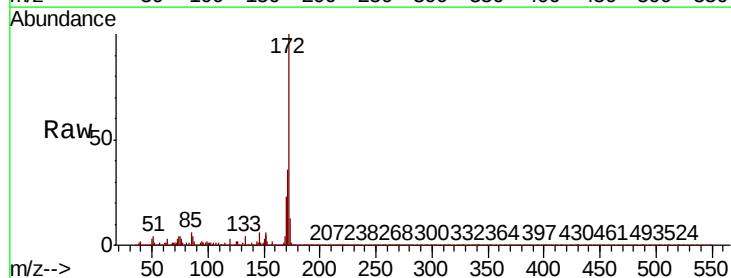
Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.6	115.0
141	29.5	30.3	45.5#

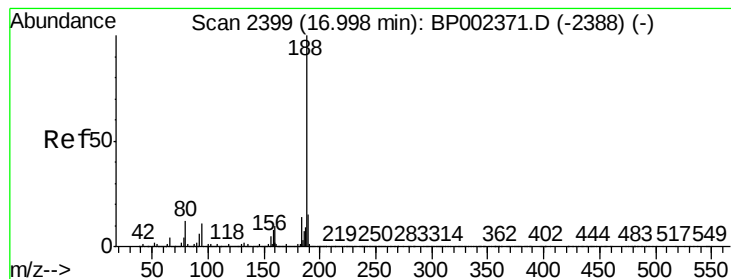


#45
 2-Fluorobiphenyl
 Concen: 86.836 ng
 RT: 12.86 min Scan# 1695
 Delta R.T. 0.00 min
 Lab File: BP002478.D
 Acq: 22 Jun 2020 14:05

Tgt Ion:172 Resp: 3251083

Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.8
170	23.5	19.0	28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.00 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BP002478.D

Acq: 22 Jun 2020 14:05

Instrument :

BNA_P

ClientSampleId :

PB129674BL

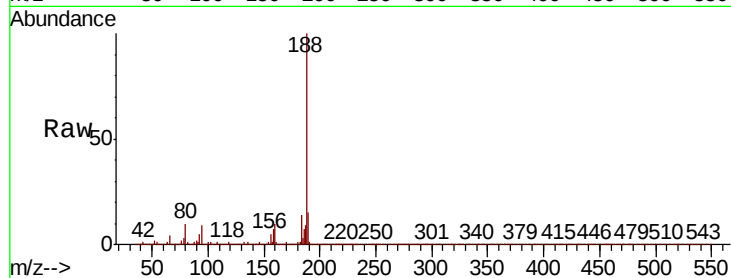
Tot Ion:188 Resp: 1477728

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

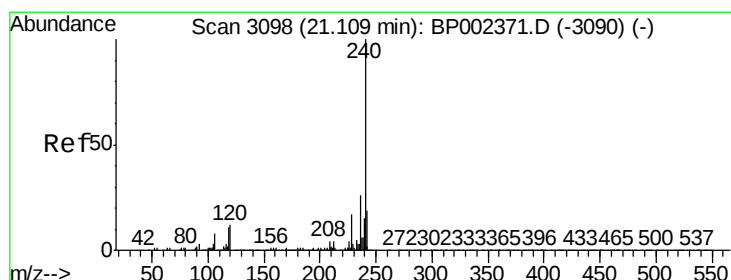
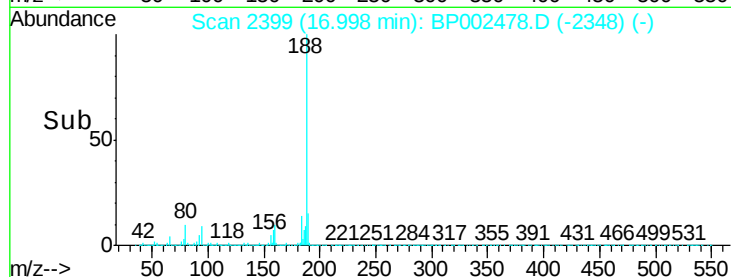
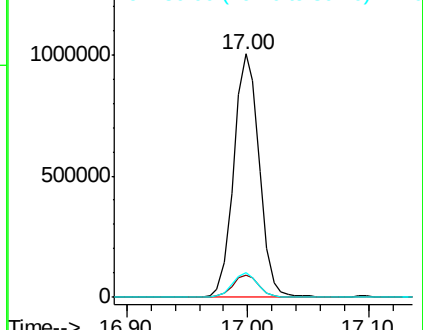
80 9.9 9.4 14.0



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: BP002478.D

Acq: 22 Jun 2020 14:05

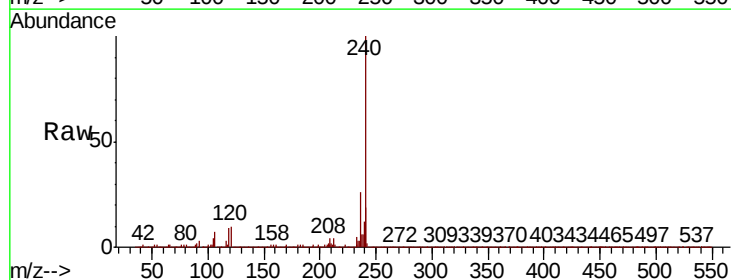
Tgt Ion:240 Resp: 1642729

Ion Ratio Lower Upper

240 100

120 10.4 9.3 13.9

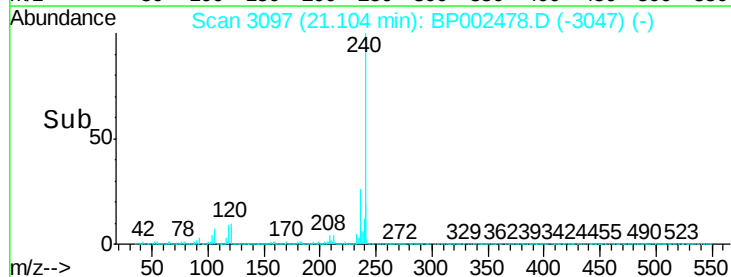
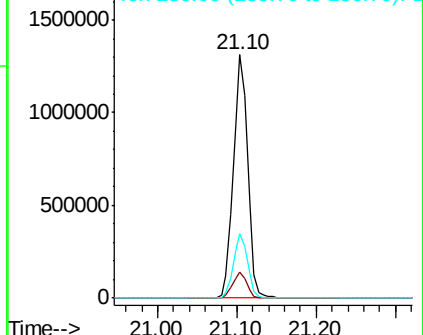
236 26.3 21.0 31.6

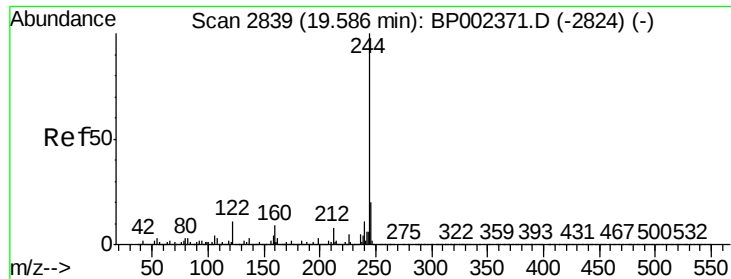


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 88.776 ng

RT: 19.59 min Scan# 2840

Delta R.T. 0.01 min

Lab File: BP002478.D

Acq: 22 Jun 2020 14:05

Instrument :

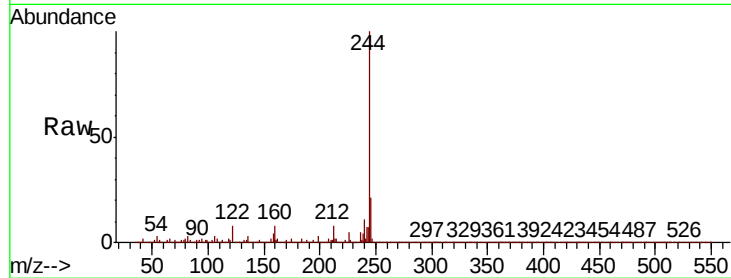
BNA_P

ClientSampleId :

PB129674BL

Tot Ion:244 Resp: 5594892

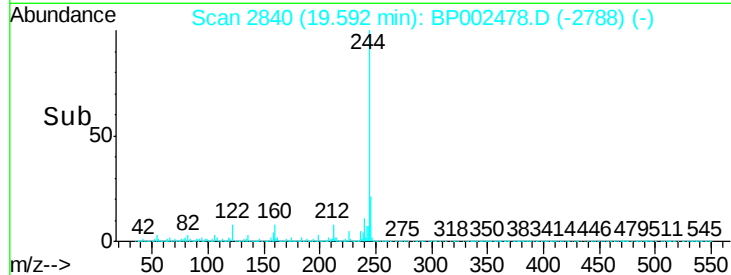
Ion	Ratio	Lower	Upper
244	100		
212	8.2	6.6	10.0
122	8.5	8.8	13.2



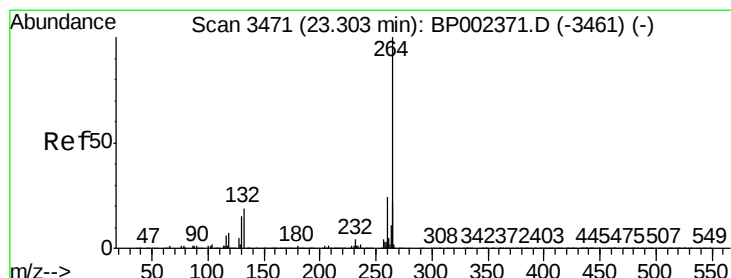
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time--> 19.40 19.60 19.80



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.31 min Scan# 3472

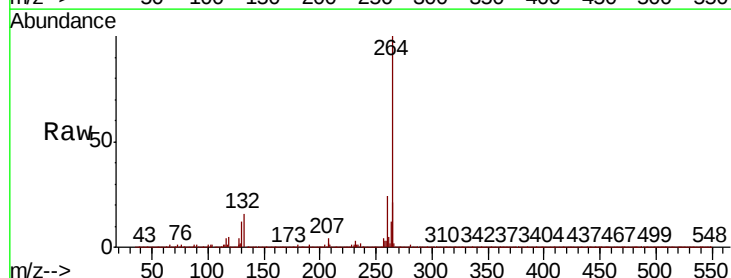
Delta R.T. 0.01 min

Lab File: BP002478.D

Acq: 22 Jun 2020 14:05

Tgt Ion:264 Resp: 1816484

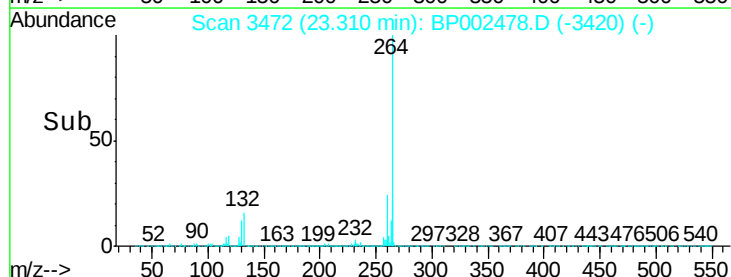
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.0
265	21.2	17.4	26.2



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



Time--> 23.20 23.30 23.40 23.50