

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002456.D
 Acq On : 18 Jun 2020 23:30
 Operator : CG/JU
 Sample : L3024-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-1

Quant Time: Jun 19 04:41:42 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	150768	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	623616	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	398066	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	882907	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	873500	20.00	ng	-0.02
86) Perylene-d12	23.29	264	886621	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1152602	141.46	ng	0.00
7) Phenol-d6	6.78	99	1400807	129.13	ng	0.00
23) Nitrobenzene-d5	8.73	82	1271260	121.74	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	709121	186.06	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2689202	113.59	ng	0.00
79) Terphenyl-d14	19.58	244	4107276	138.25	ng	0.00

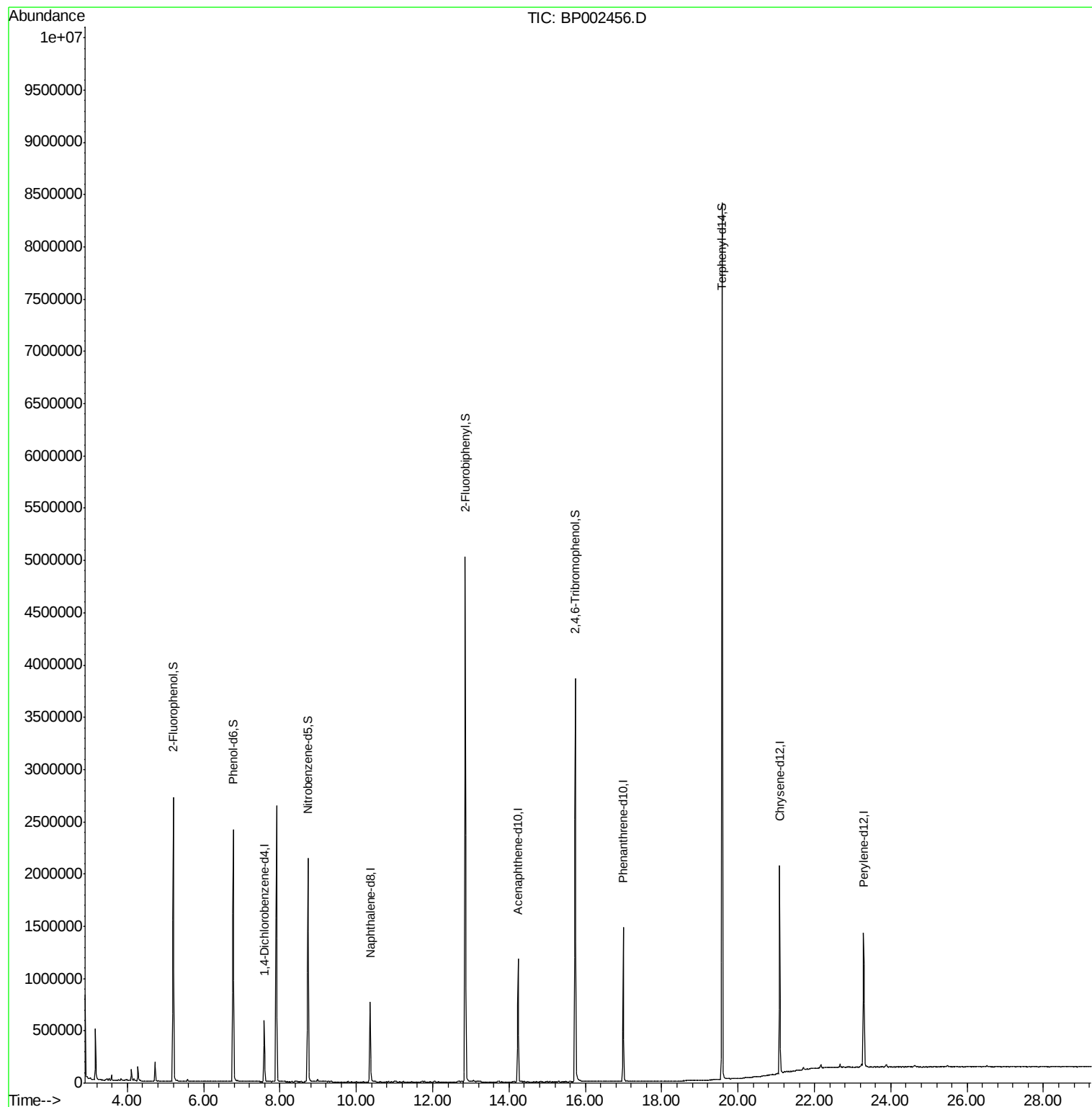
Target Compounds Qvalue

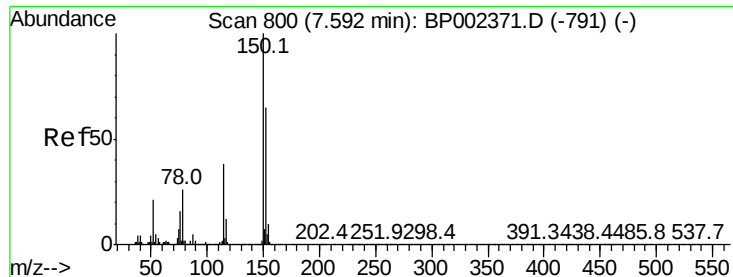
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.59 min Scan# 799

Delta R.T. -0.01 min

Lab File: BP002456.D

Acq: 18 Jun 2020 23:30

Instrument :

BNA_P

ClientSampleId :

RO-1

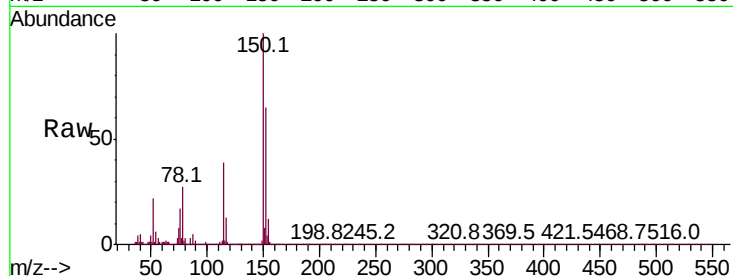
Tot Ion:152 Resp: 150768

Ion Ratio Lower Upper

152 100

150 154.0 124.0 186.0

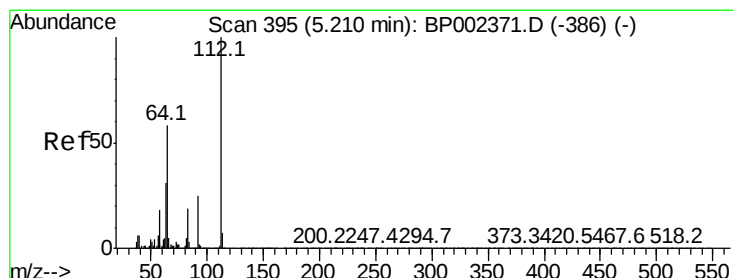
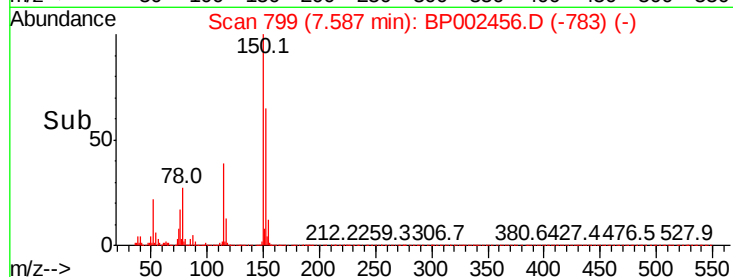
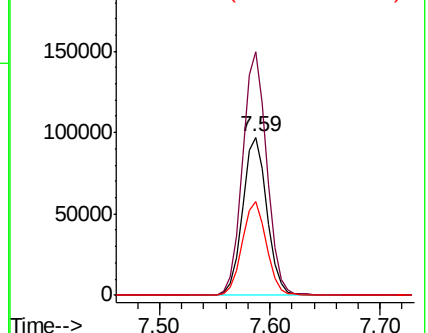
115 59.5 47.4 71.0



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: 141.462 ng

RT: 5.20 min Scan# 394

Delta R.T. -0.01 min

Lab File: BP002456.D

Acq: 18 Jun 2020 23:30

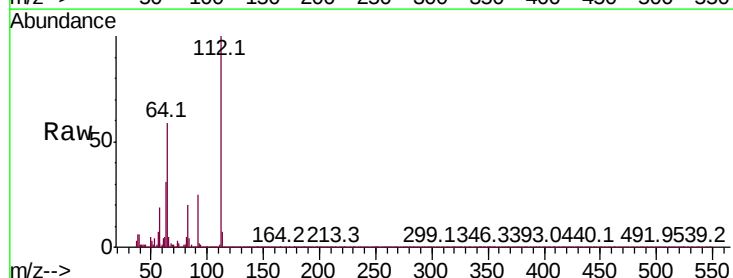
Tgt Ion:112 Resp: 1152602

Ion Ratio Lower Upper

112 100

64 59.0 46.2 69.2

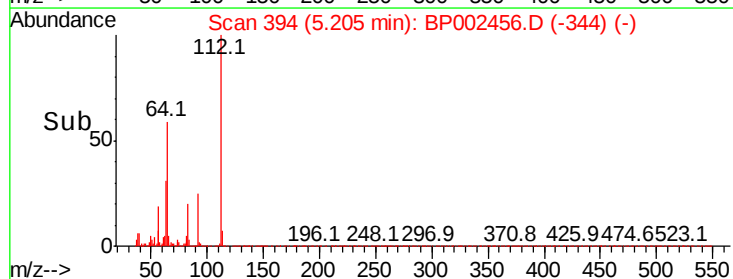
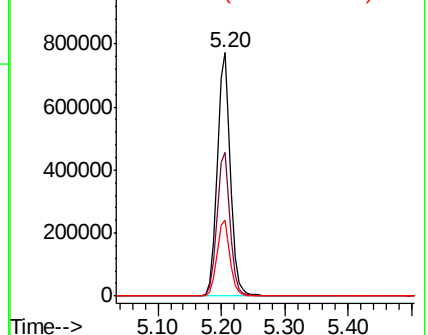
63 31.1 24.5 36.7

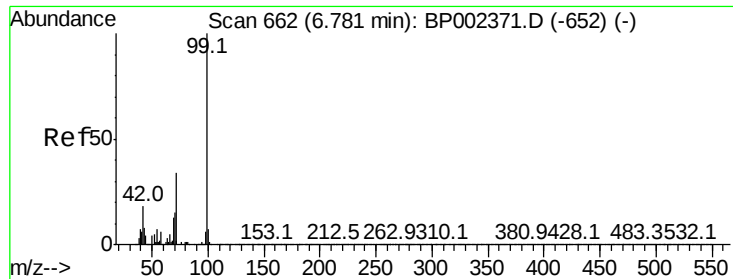


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 129.132 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002456.D

Acq: 18 Jun 2020 23:30

Instrument :

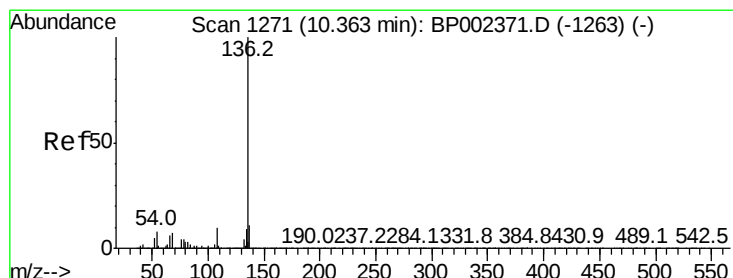
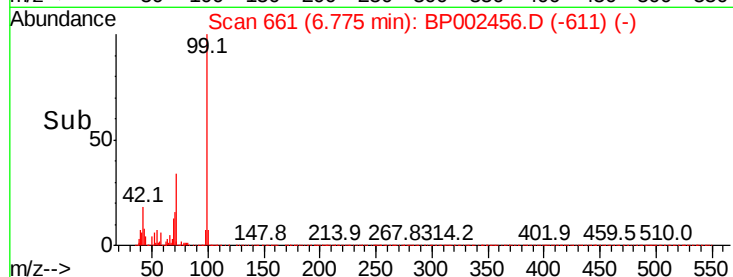
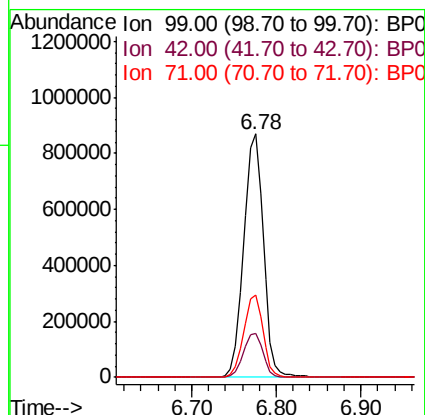
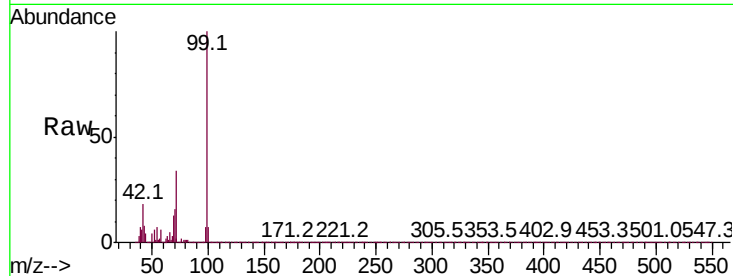
BNA_P

ClientSampleId :

RO-1

Tot Ion: 99 Resp: 1400807

Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.6	22.0
71	34.0	27.2	40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

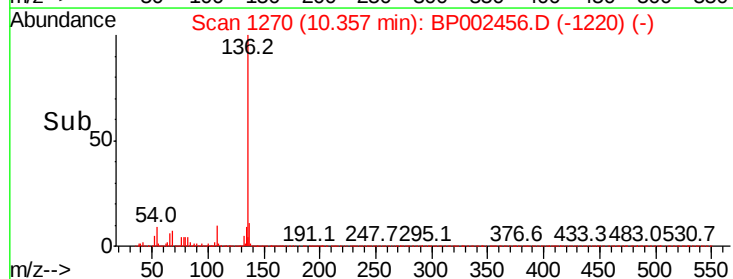
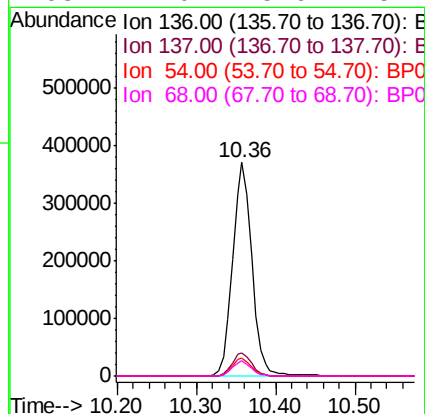
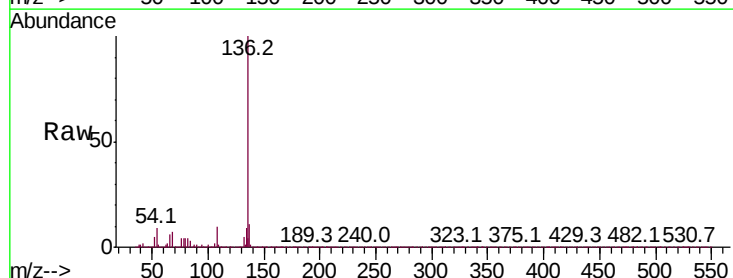
Delta R.T. -0.01 min

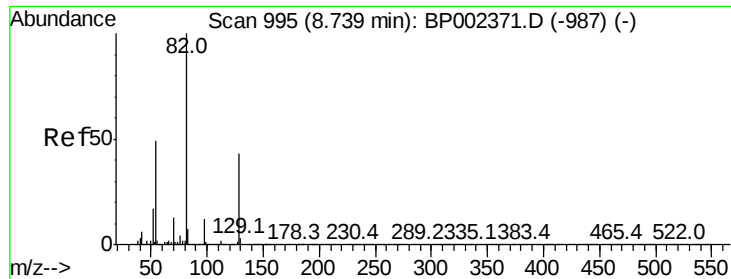
Lab File: BP002456.D

Acq: 18 Jun 2020 23:30

Tgt Ion: 136 Resp: 623616

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.6	6.4	9.6
68	7.0	5.6	8.4



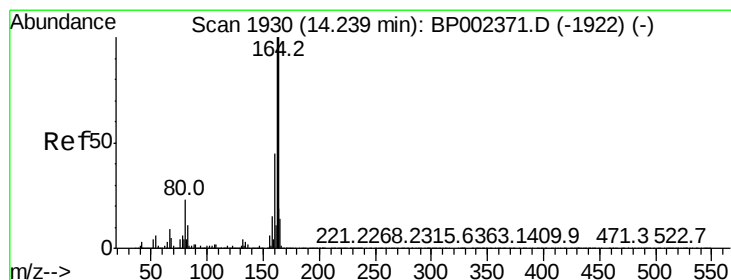
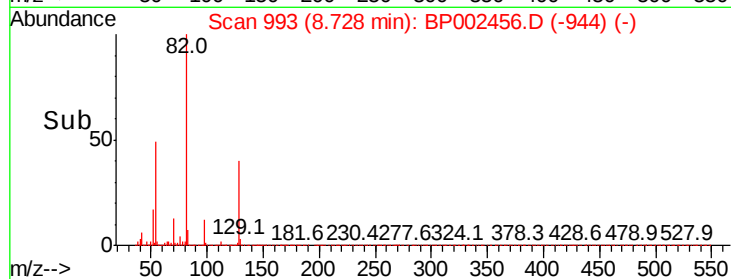
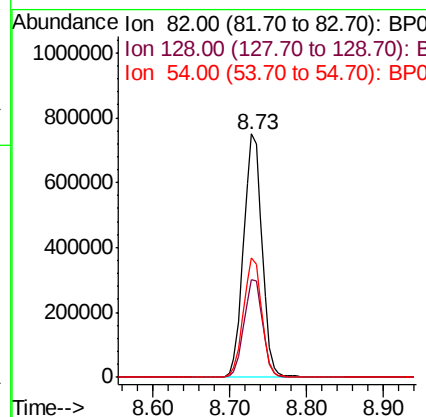
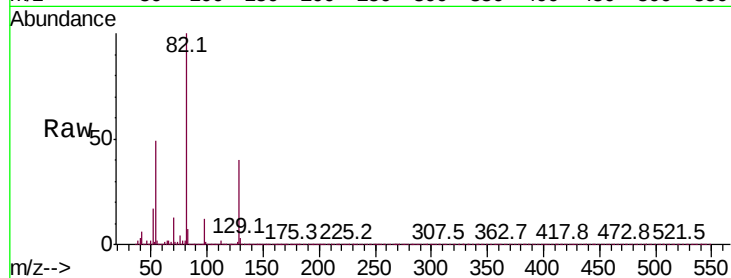


#23
 Nitrobenzene-d5
 Concen: 121.739 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002456.D
 Acq: 18 Jun 2020 23:30

Instrument :
 BNA_P
 ClientSampleId :
 RO-1

Tot Ion: 82 Resp: 1271260

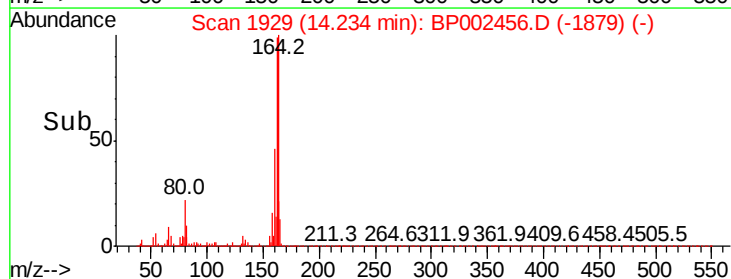
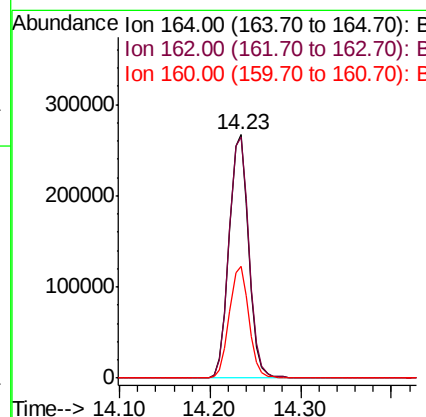
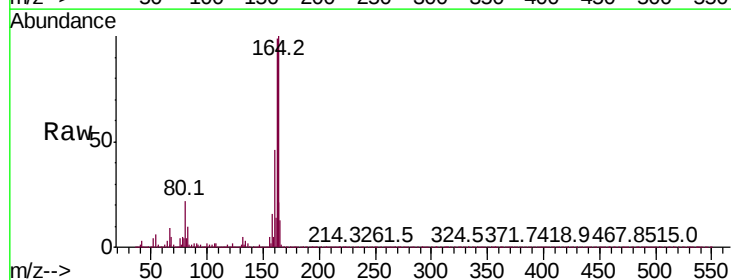
Ion	Ratio	Lower	Upper
82	100		
128	40.4	34.5	51.7
54	49.2	39.4	59.2

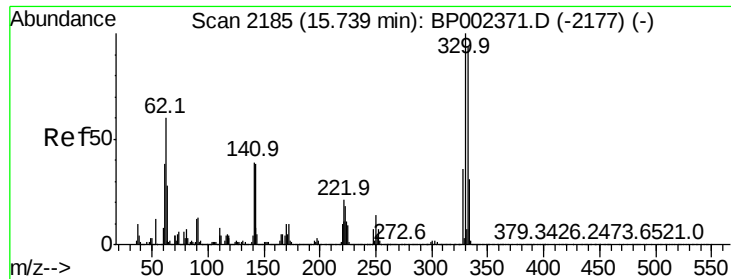


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BP002456.D
 Acq: 18 Jun 2020 23:30

Tgt Ion: 164 Resp: 398066

Ion	Ratio	Lower	Upper
164	100		
162	98.8	79.8	119.8
160	46.1	36.2	54.2

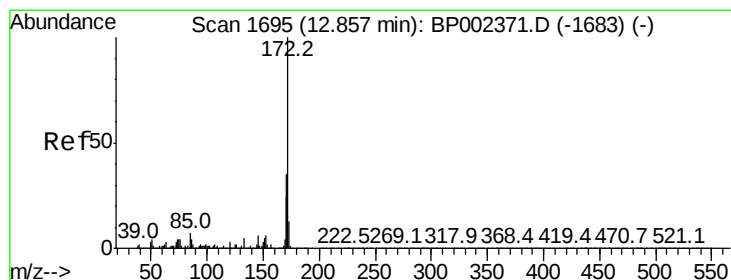
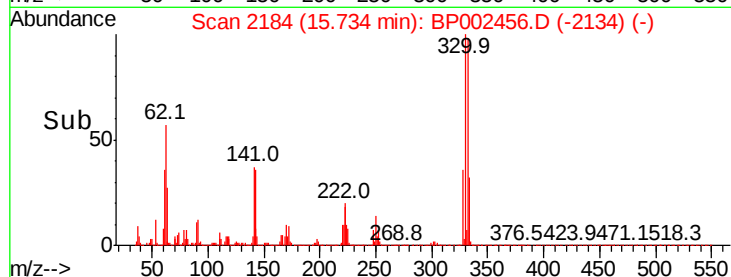
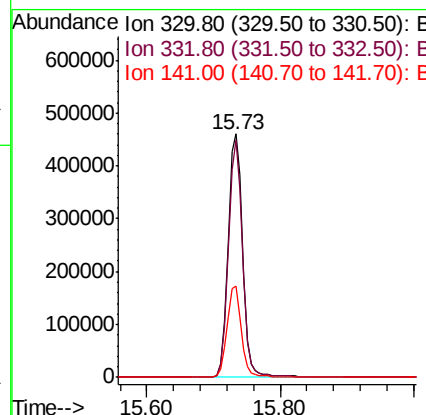
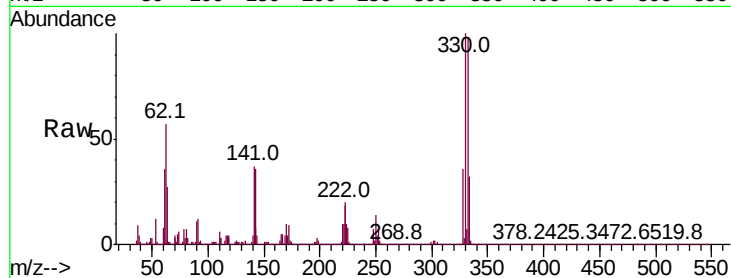




#42
 2,4,6-Tribromophenol
 Concen: 186.063 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002456.D
 Acq: 18 Jun 2020 23:30

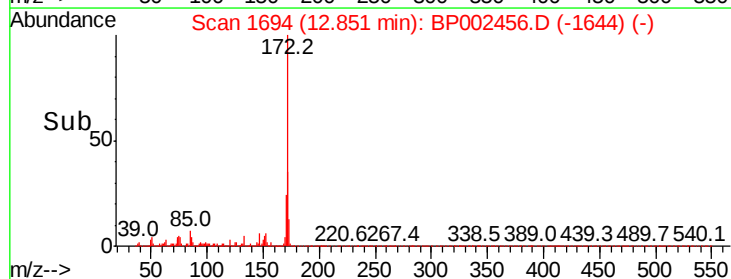
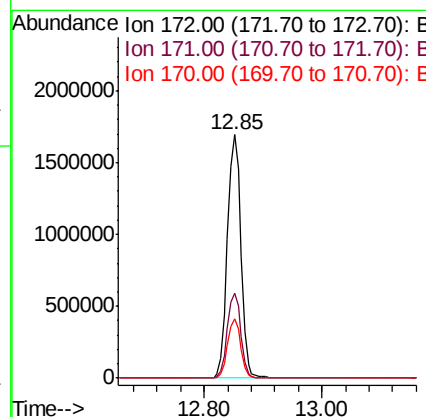
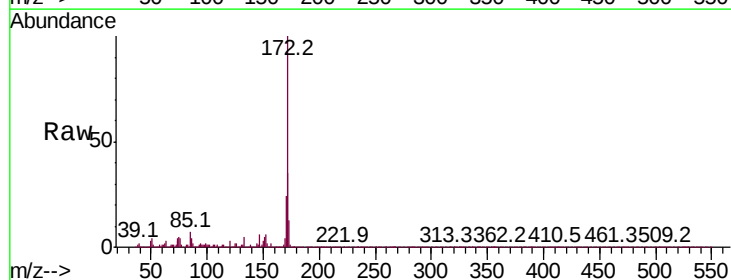
Instrument :
 BNA_P
 ClientSampleId :
 RO-1

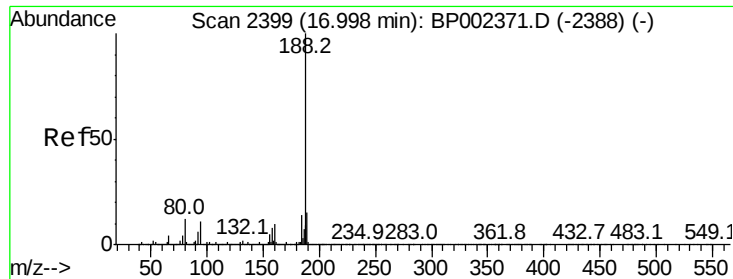
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.8	76.6	115.0
141	37.1	30.3	45.5



#45
 2-Fluorobiphenyl
 Concen: 113.591 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002456.D
 Acq: 18 Jun 2020 23:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	24.2	19.0	28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2397

Delta R.T. -0.01 min

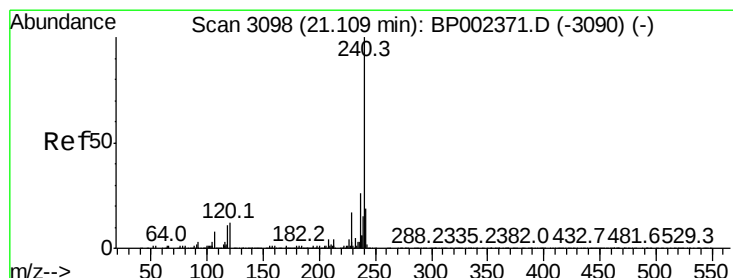
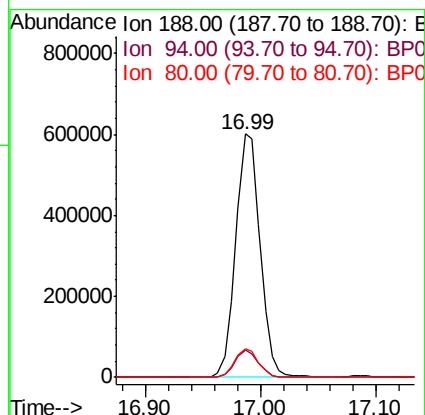
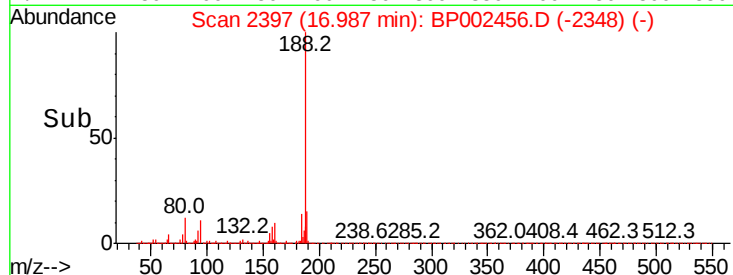
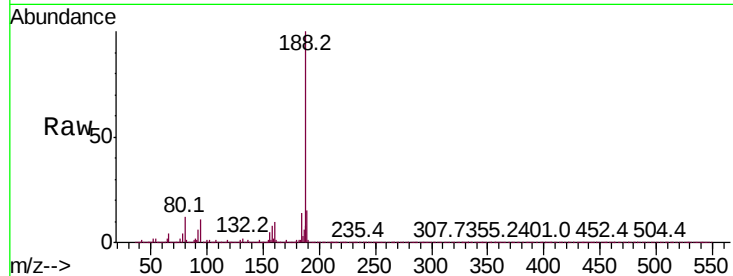
Lab File: BP002456.D

Acq: 18 Jun 2020 23:30

Instrument :
BNA_P
ClientSampleId :
RO-1

Tot Ion:188 Resp: 882907

Ion	Ratio	Lower	Upper
188	100		
94	11.0	8.5	12.7
80	12.0	9.4	14.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3095

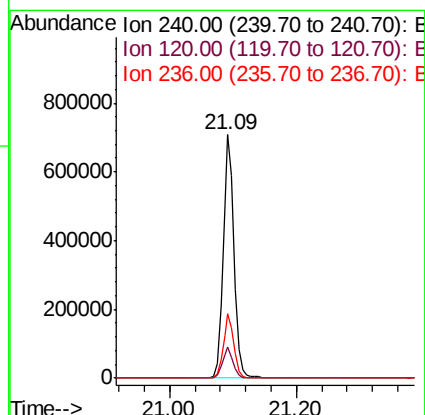
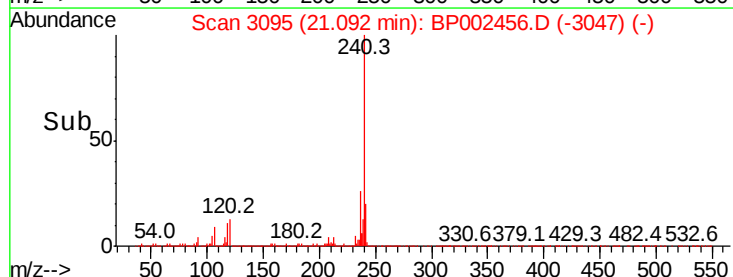
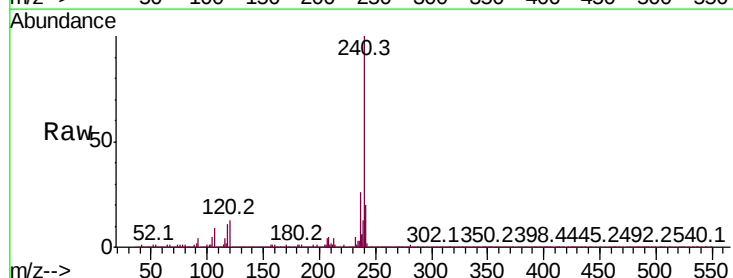
Delta R.T. -0.02 min

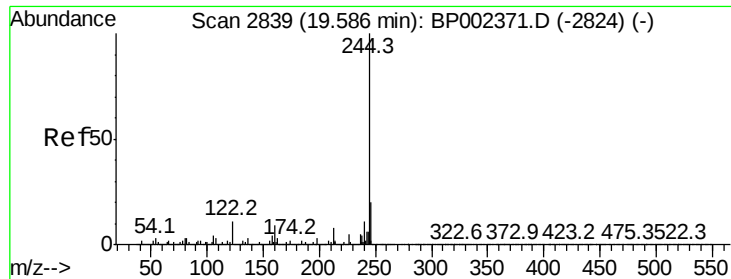
Lab File: BP002456.D

Acq: 18 Jun 2020 23:30

Tgt Ion:240 Resp: 873500

Ion	Ratio	Lower	Upper
240	100		
120	12.7	9.3	13.9
236	26.4	21.0	31.6





#79

Terphenyl-d14

Concen: 138.252 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002456.D

Acq: 18 Jun 2020 23:30

Instrument :

BNA_P

ClientSampleId :

RO-1

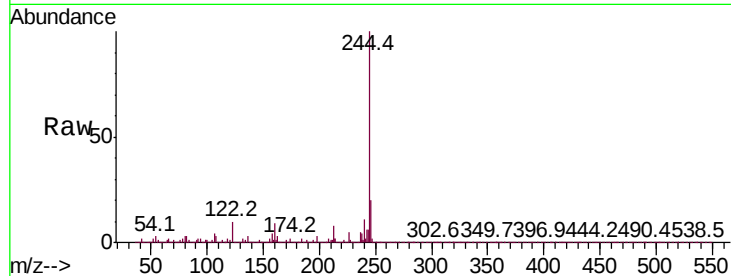
Tot Ion:244 Resp: 4107276

Ion Ratio Lower Upper

244 100

212 8.2 6.6 10.0

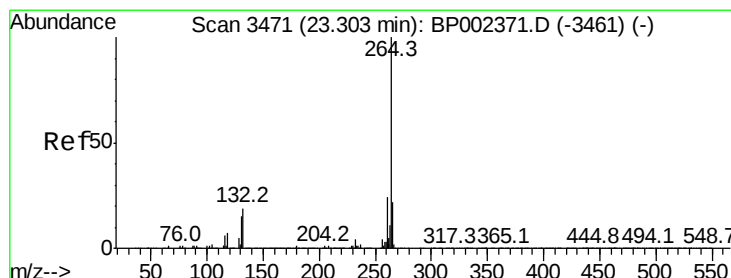
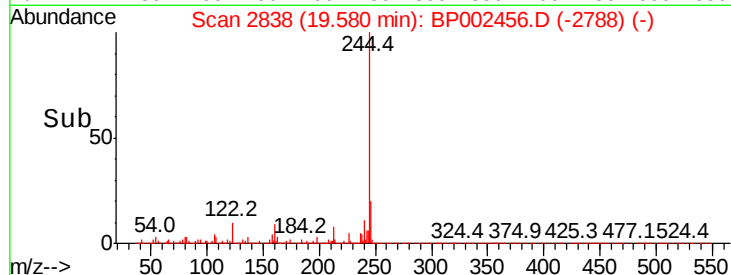
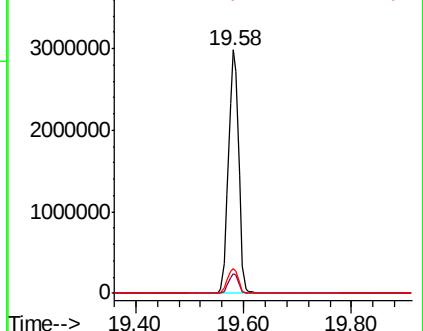
122 10.2 8.8 13.2



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# 3468

Delta R.T. -0.02 min

Lab File: BP002456.D

Acq: 18 Jun 2020 23:30

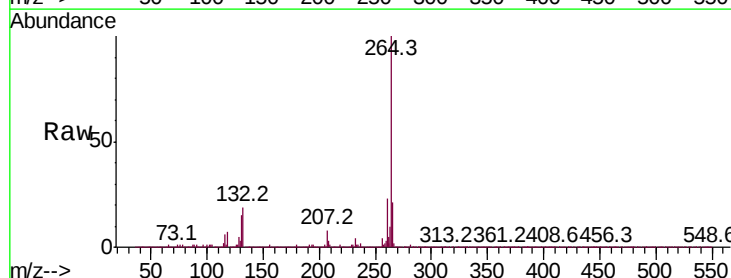
Tgt Ion:264 Resp: 886621

Ion Ratio Lower Upper

264 100

260 22.7 19.4 29.0

265 20.7 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

