

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002439.D
 Acq On : 18 Jun 2020 13:54
 Operator : CG/JU
 Sample : PB129603BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129603BL

Quant Time: Jun 18 14:56:40 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	167955	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	696918	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	439907	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	994040	20.00	ng	0.00
76) Chrysene-d12	21.09	240	997771	20.00	ng	-0.02
86) Perylene-d12	23.29	264	1040825	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1200529	132.27	ng	0.00
7) Phenol-d6	6.78	99	1626197	134.57	ng	0.00
23) Nitrobenzene-d5	8.73	82	1130100	96.84	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	608548	144.49	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2358599	90.15	ng	0.00
79) Terphenyl-d14	19.58	244	3725020	101.28	ng	0.00

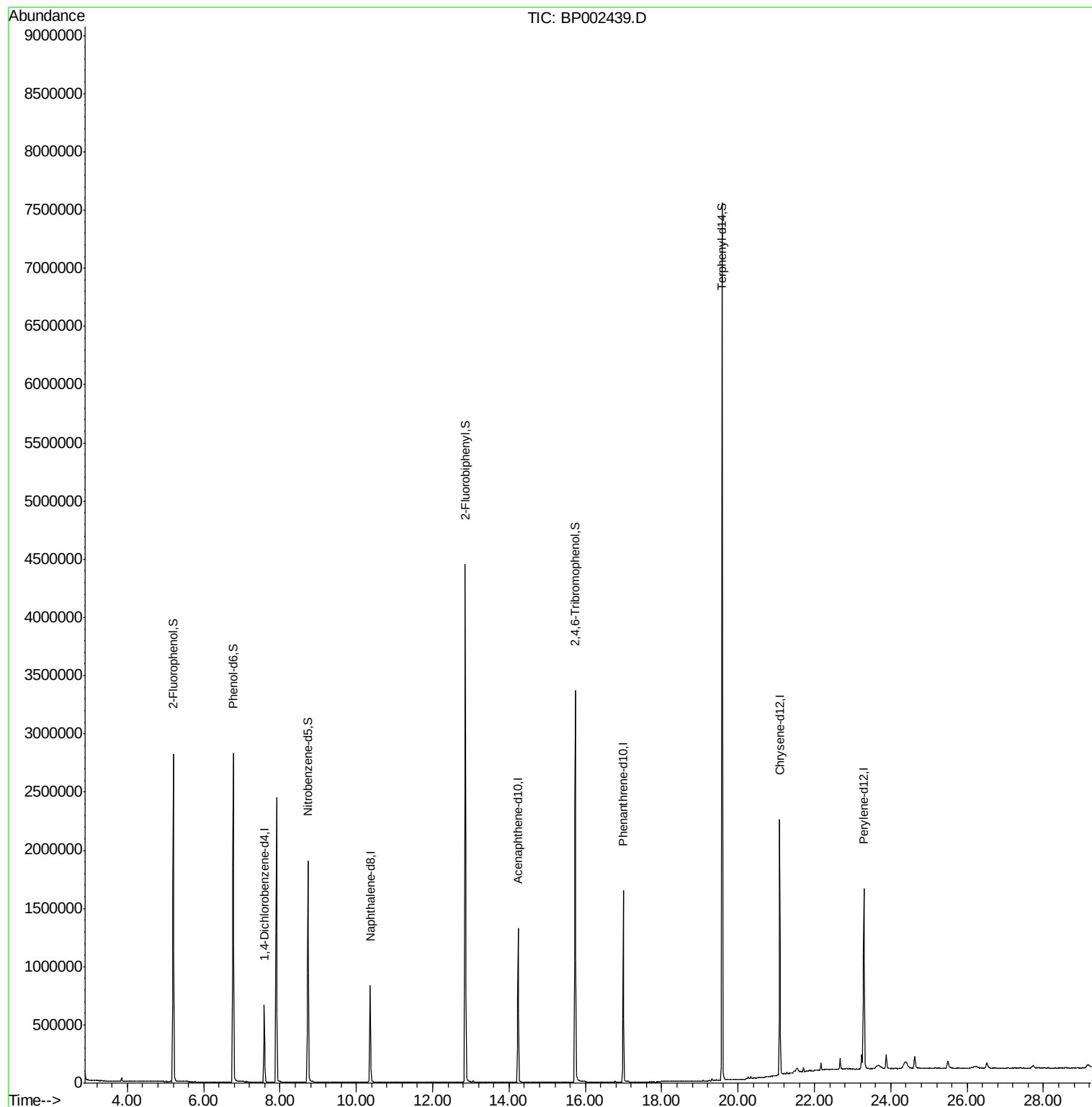
Target Compounds Qvalue

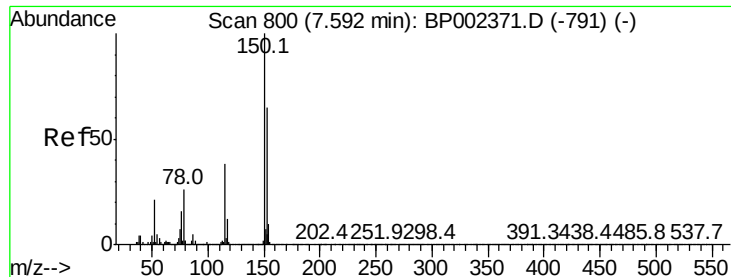
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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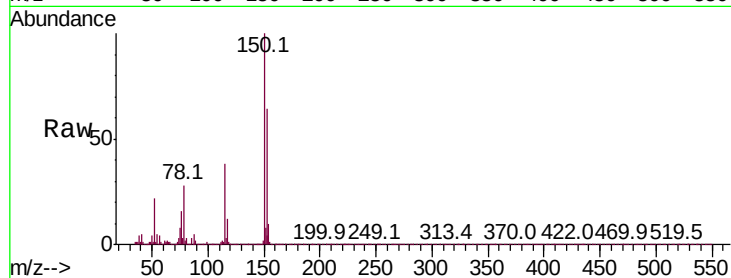


#1

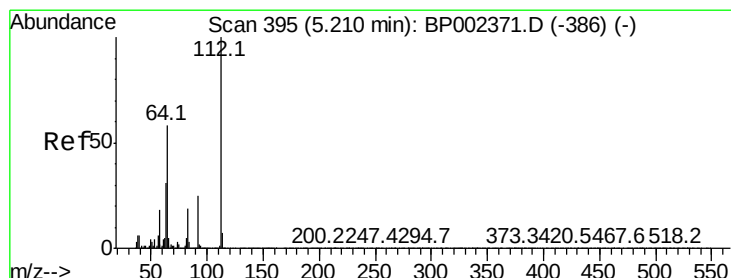
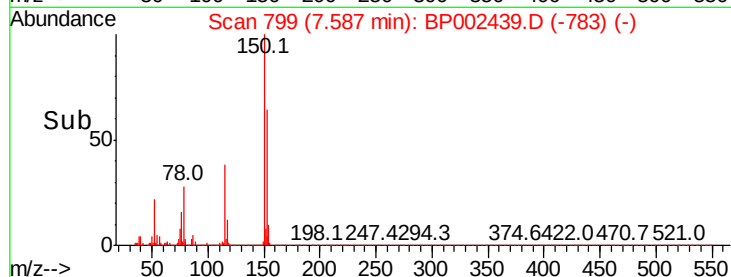
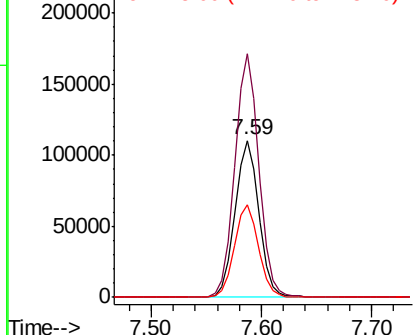
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002439.D
Acq: 18 Jun 2020 13:54

Instrument :
BNA_P
ClientSampleId :
PB129603BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.0	186.0
115	59.1	47.4	71.0



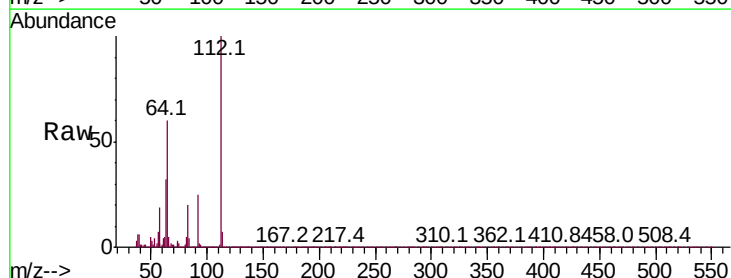
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



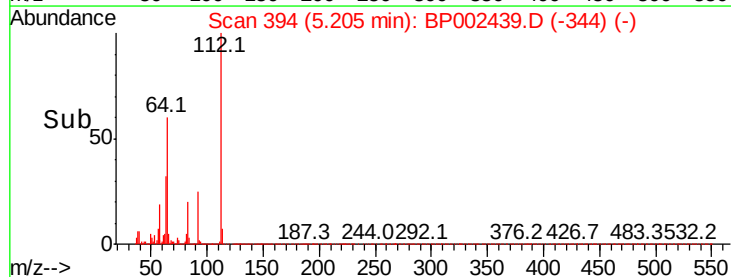
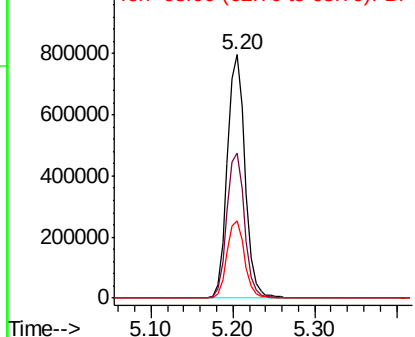
#5

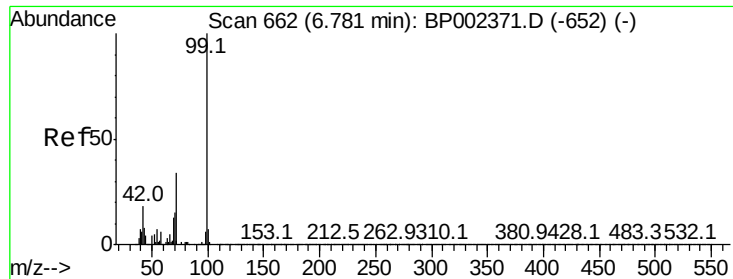
2-Fluorophenol
Concen: 132.266 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002439.D
Acq: 18 Jun 2020 13:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.7	46.2	69.2
63	31.8	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: 134.568 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

Instrument :

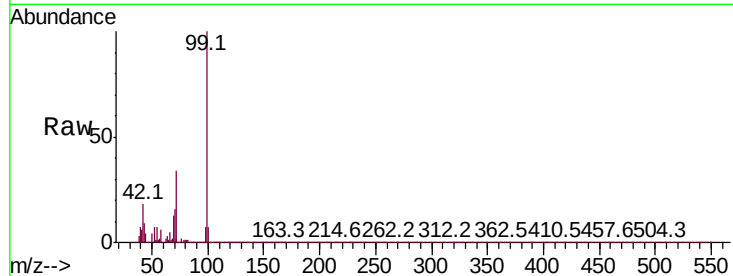
BNA_P

ClientSampleId :

PB129603BL

Tot Ion: 99 Resp: 1626197

Ion	Ratio	Lower	Upper
99	100		
42	18.5	14.6	22.0
71	34.1	27.2	40.8

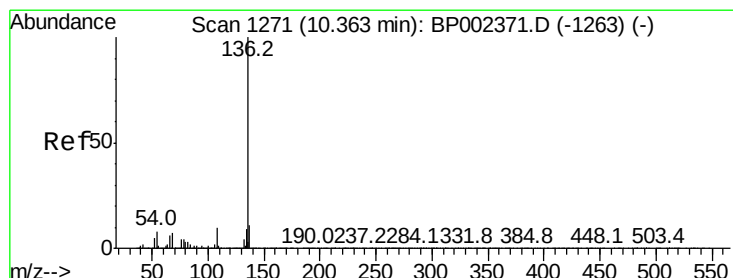
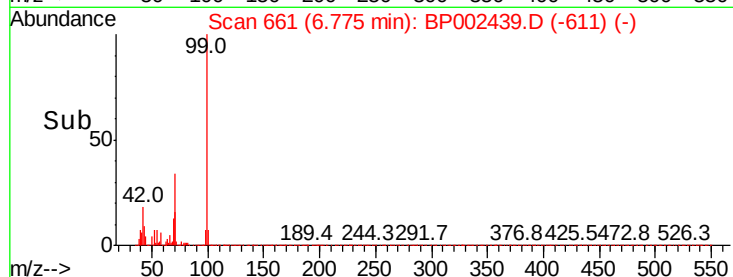
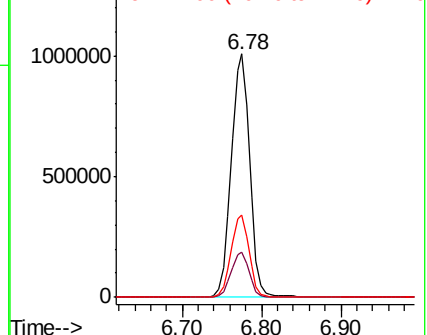


Abundance

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

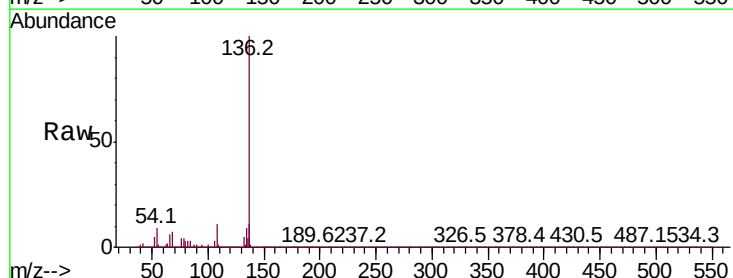
Delta R.T. -0.01 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

Tgt Ion: 136 Resp: 696918

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.9	6.4	9.6
68	7.2	5.6	8.4



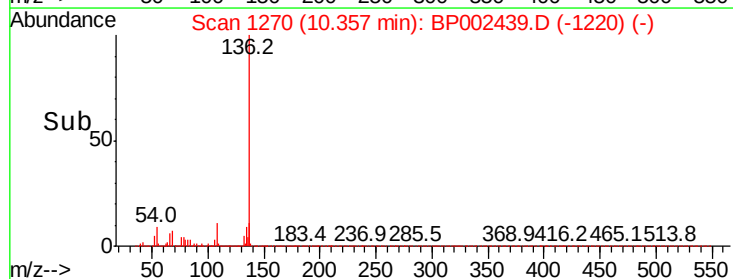
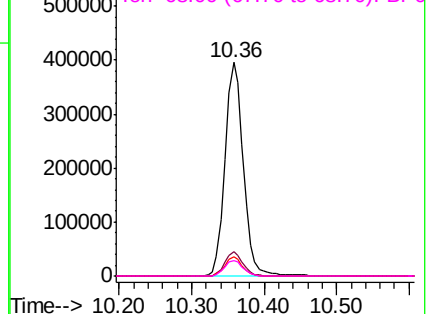
Abundance

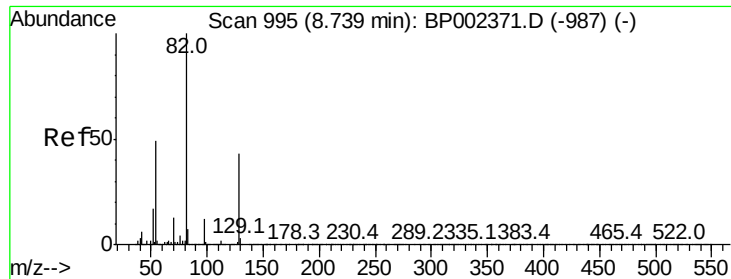
Ion 136.00 (135.70 to 136.70): E

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



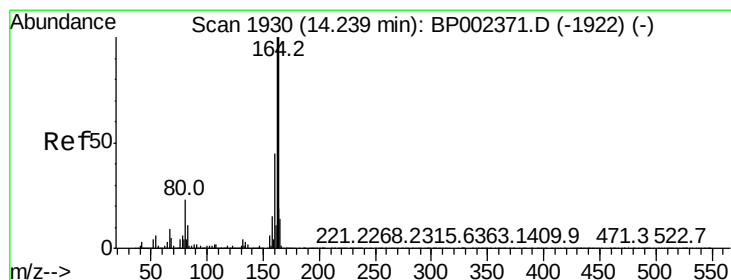
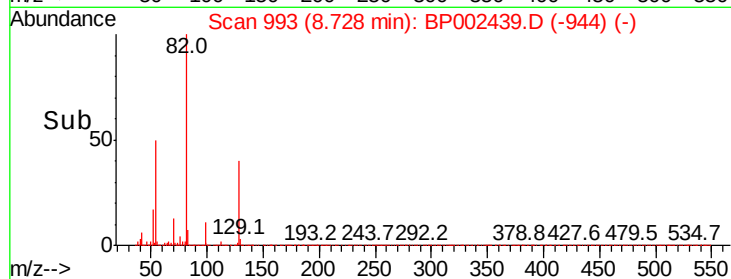
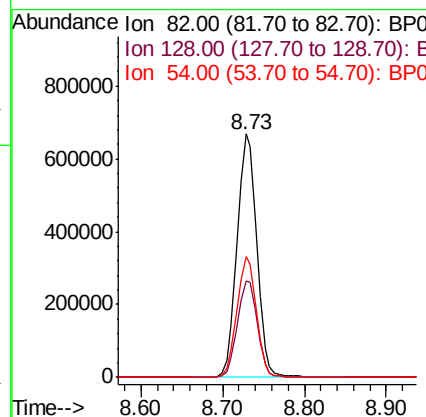
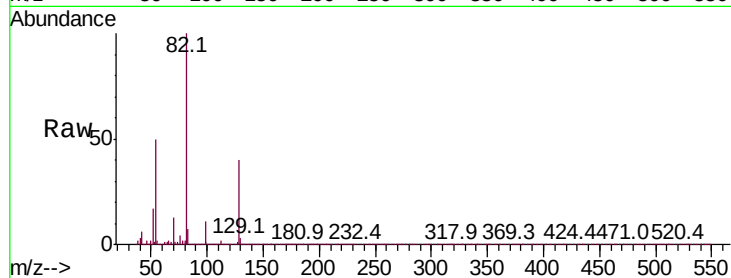


#23
 Nitrobenzene-d5
 Concen: 96.838 ng
 RT: 8.73 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: BP002439.D
 Acq: 18 Jun 2020 13:54

Instrument :
 BNA_P
 ClientSampleId :
 PB129603BL

Tot Ion: 82 Resp: 1130100

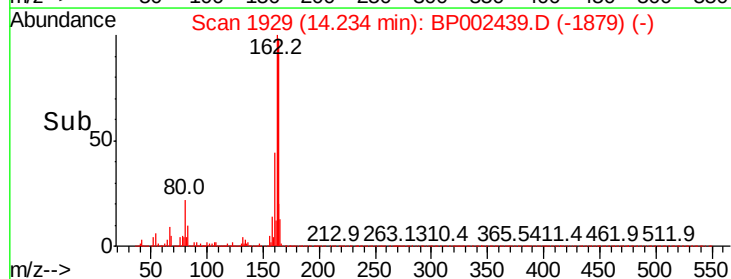
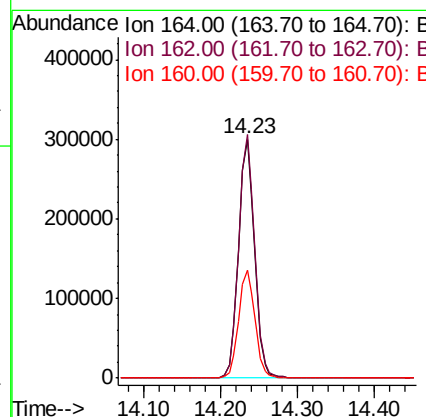
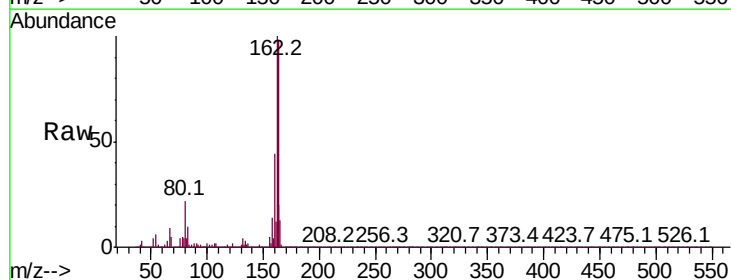
Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.5	51.7
54	49.6	39.4	59.2

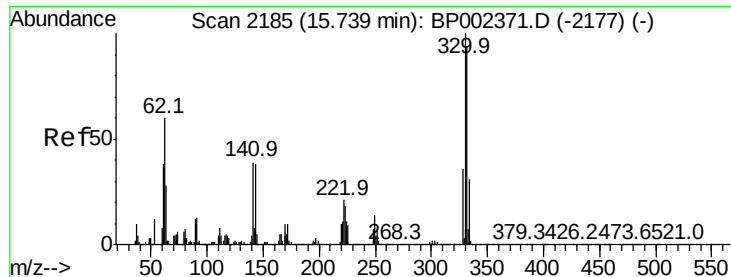


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.23 min Scan# 1929
 Delta R.T. -0.01 min
 Lab File: BP002439.D
 Acq: 18 Jun 2020 13:54

Tgt Ion: 164 Resp: 439907

Ion	Ratio	Lower	Upper
164	100		
162	102.1	79.8	119.8
160	45.3	36.2	54.2





#42

2,4,6-Tribromophenol

Concen: 144.487 ng

RT: 15.73 min Scan# 2184

Delta R.T. -0.01 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

Instrument :

BNA_P

ClientSampled :

PB129603BL

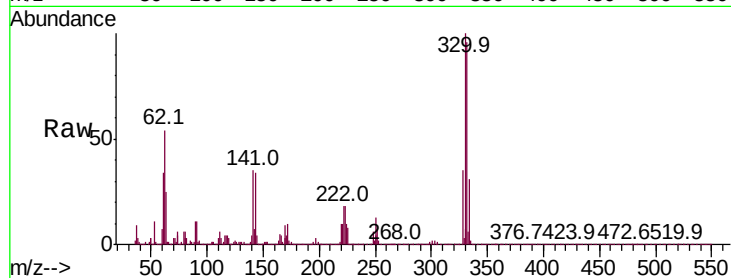
Tot Ion:330 Resp: 608548

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

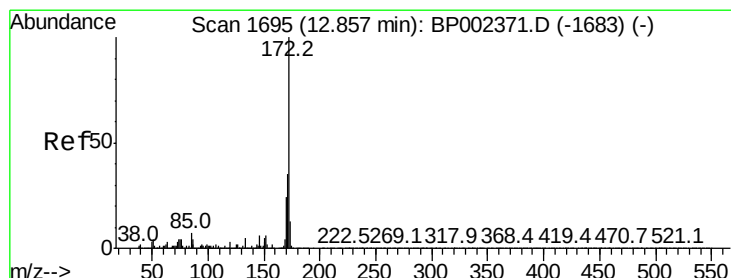
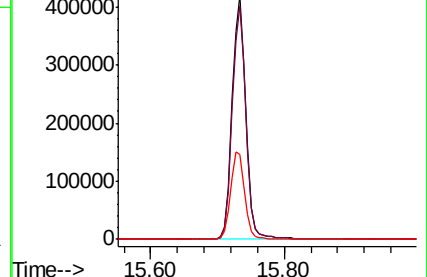
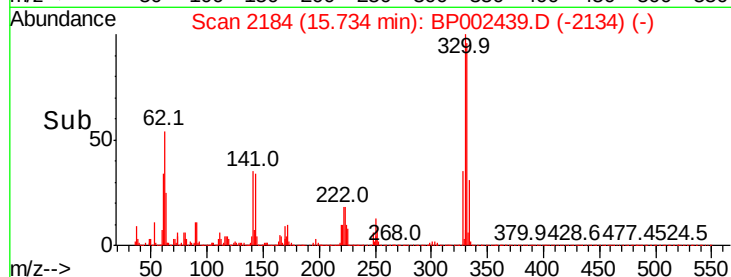
141 37.0 30.3 45.5



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: 90.151 ng

RT: 12.85 min Scan# 1694

Delta R.T. -0.00 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

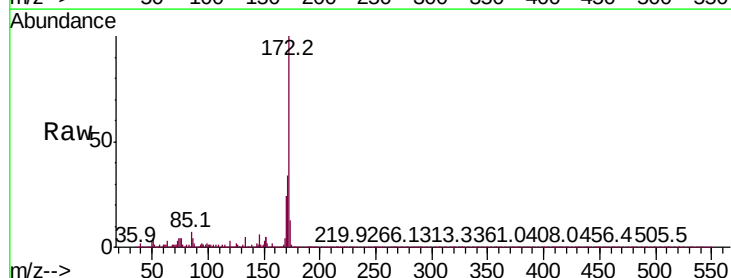
Tgt Ion:172 Resp: 2358599

Ion Ratio Lower Upper

172 100

171 34.5 27.8 41.8

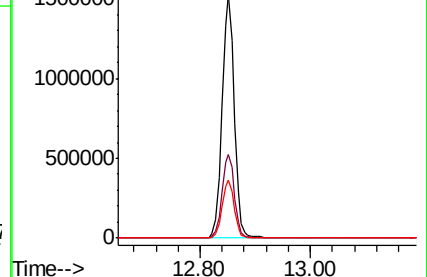
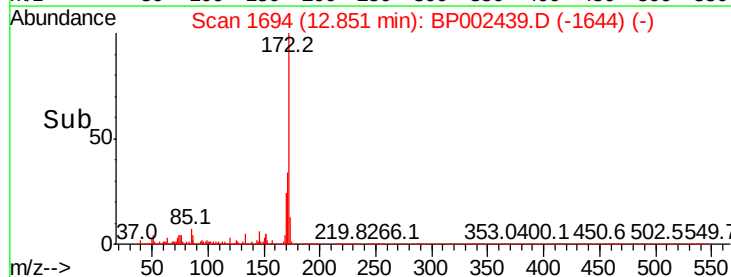
170 24.0 19.0 28.6

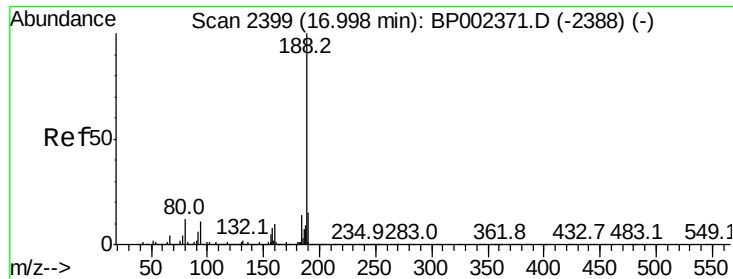


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.99 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

Instrument :

BNA_P

ClientSampleId :

PB129603BL

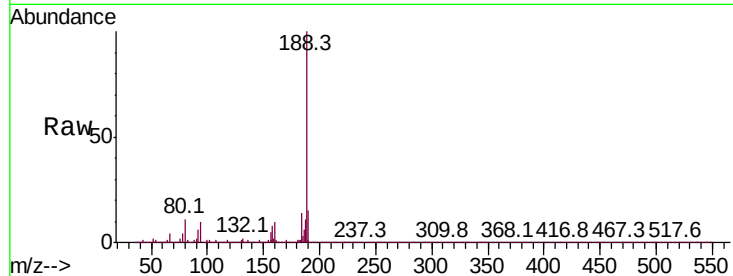
Tot Ion:188 Resp: 994040

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

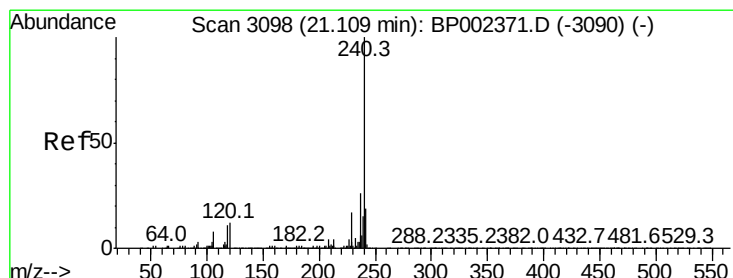
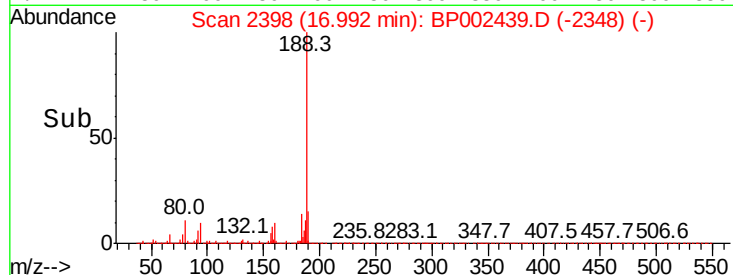
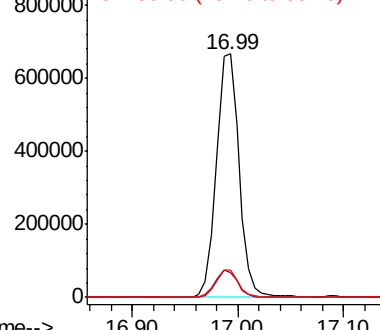
80 11.3 9.4 14.0



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: 21.09 min Scan# 3095

Delta R.T. -0.02 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

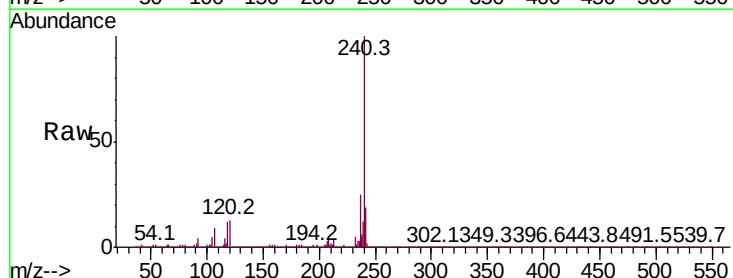
Tgt Ion:240 Resp: 997771

Ion Ratio Lower Upper

240 100

120 12.6 9.3 13.9

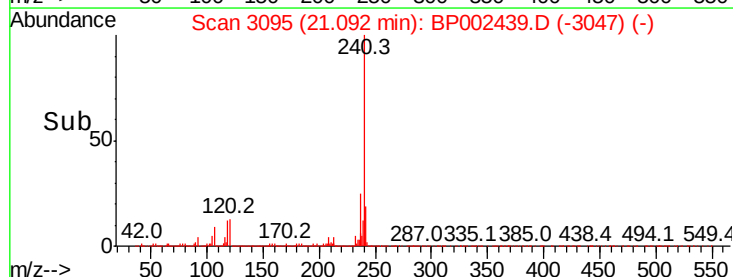
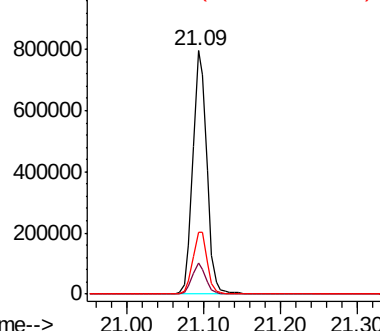
236 25.5 21.0 31.6

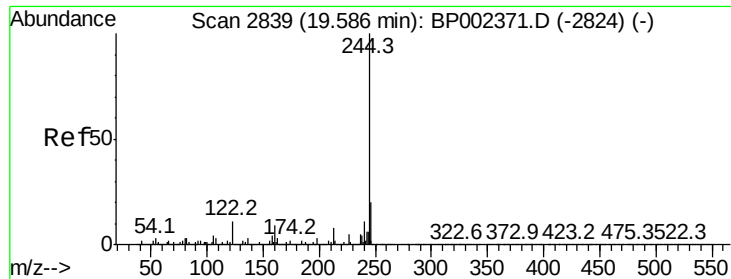


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 101.276 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002439.D

Acq: 18 Jun 2020 13:54

Instrument :

BNA_P

ClientSampleId :

PB129603BL

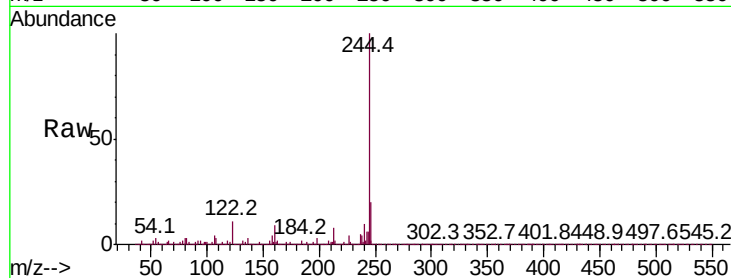
Tot Ion:244 Resp: 3725020

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	10.5	8.8	13.2

244 100

212 8.3 6.6 10.0

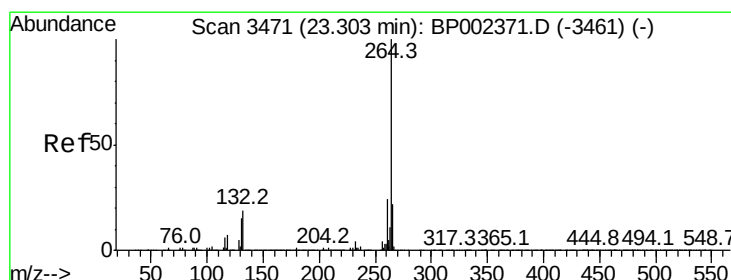
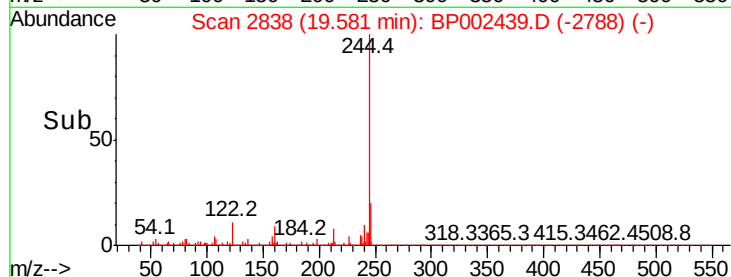
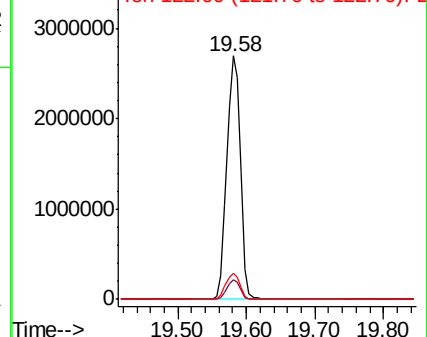
122 10.5 8.8 13.2



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: BP002439.D

Acq: 18 Jun 2020 13:54

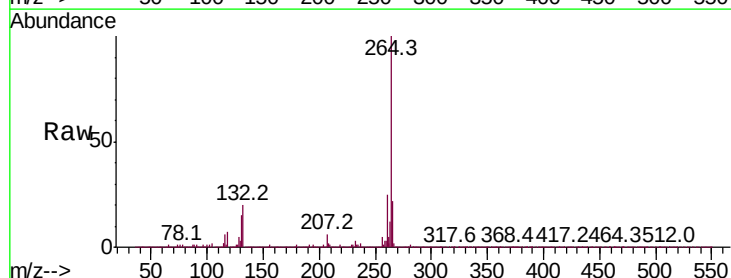
Tgt Ion:264 Resp: 1040825

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.0
265	22.1	17.4	26.2

264 100

260 24.6 19.4 29.0

265 22.1 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

