

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP061820\
 Data File : BP002454.D
 Acq On : 18 Jun 2020 22:22
 Operator : CG/JU
 Sample : L3024-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RO-16

Quant Time: Jun 19 03:10:47 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	147376	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	608533	20.00	ng	0.00
39) Acenaphthene-d10	14.23	164	381369	20.00	ng	0.00
64) Phenanthrene-d10	16.99	188	844627	20.00	ng	-0.01
76) Chrysene-d12	21.09	240	830610	20.00	ng	-0.02
86) Perylene-d12	23.29	264	855699	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1174514	147.47	ng	0.00
7) Phenol-d6	6.78	99	1468461	138.48	ng	0.00
23) Nitrobenzene-d5	8.73	82	1236186	121.31	ng	-0.01
42) 2,4,6-Tribromophenol	15.73	330	681595	186.67	ng	0.00
45) 2-Fluorobiphenyl	12.85	172	2611477	115.14	ng	0.00
79) Terphenyl-d14	19.58	244	3993394	142.29	ng	0.00

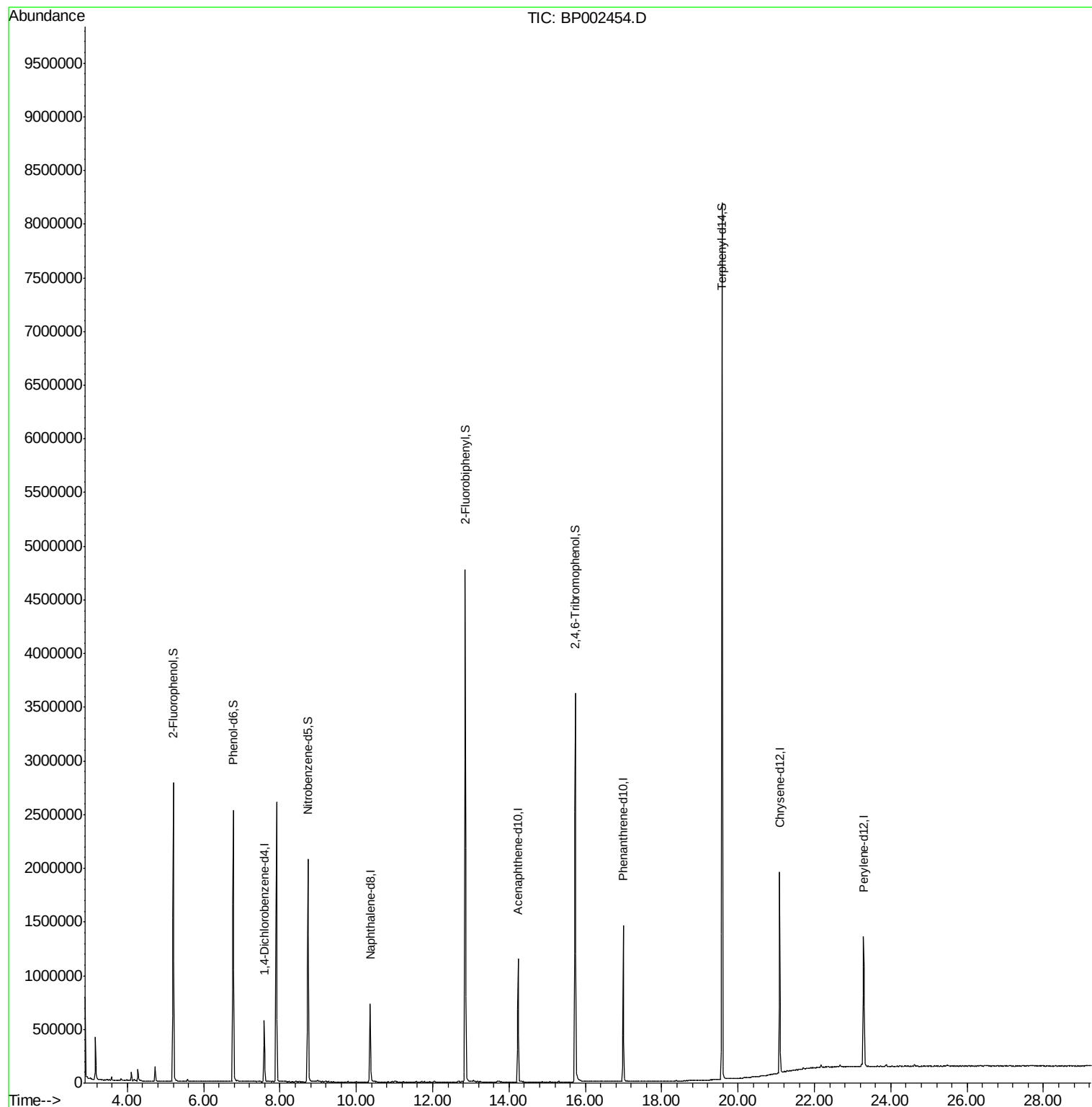
Target Compounds Qvalue

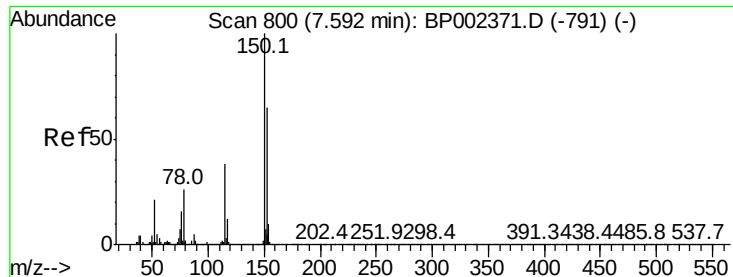
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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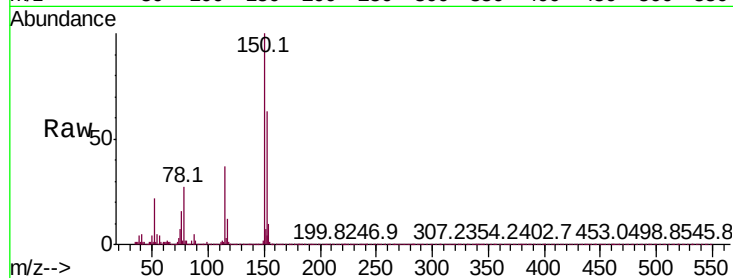


#1

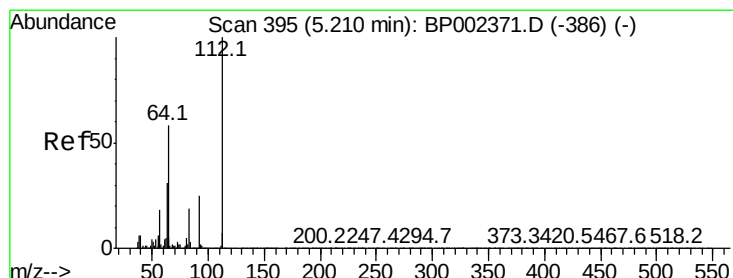
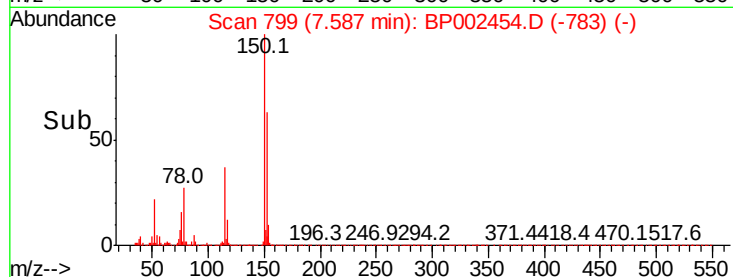
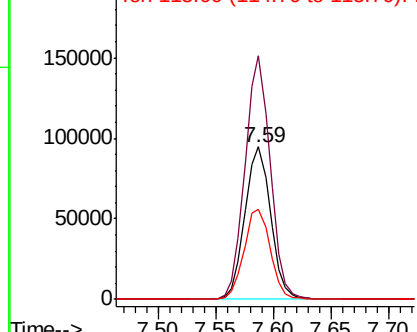
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.59 min Scan# 799
Delta R.T. -0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

Instrument :
BNA_P
ClientSampleId :
RO-16

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.5	124.0	186.0
115	58.9	47.4	71.0



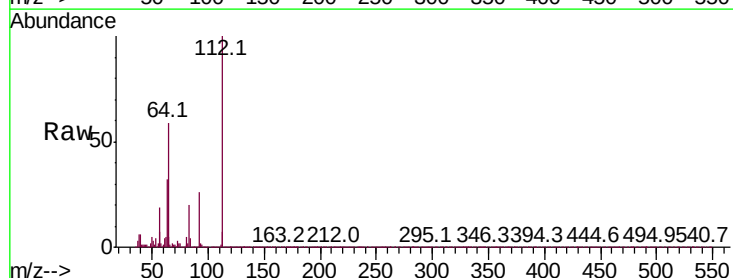
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



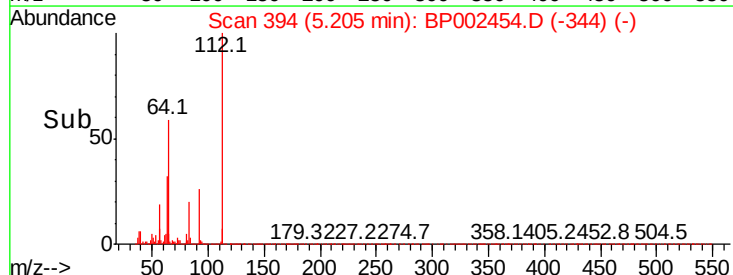
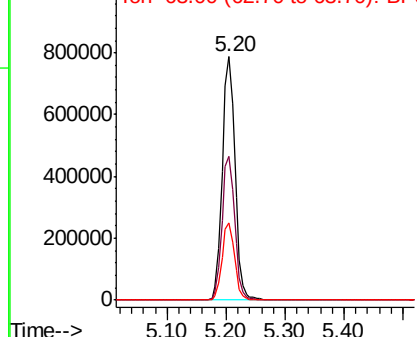
#5

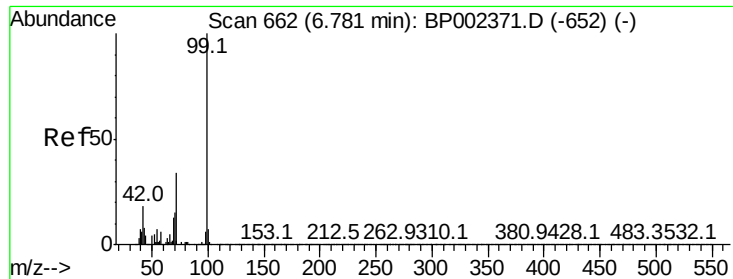
2-Fluorophenol
Concen: 147.469 ng
RT: 5.20 min Scan# 394
Delta R.T. -0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.2	69.2
63	31.7	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: 138.484 ng

RT: 6.78 min Scan# 661

Delta R.T. -0.01 min

Lab File: BP002454.D

Acq: 18 Jun 2020 22:22

Instrument :

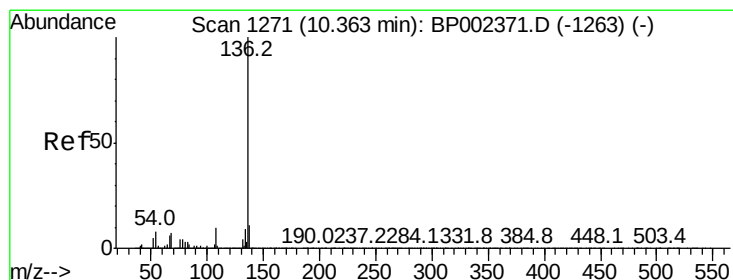
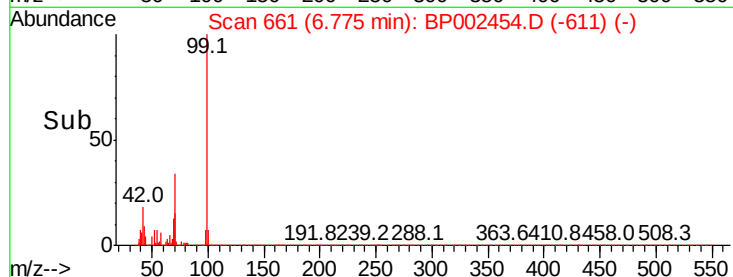
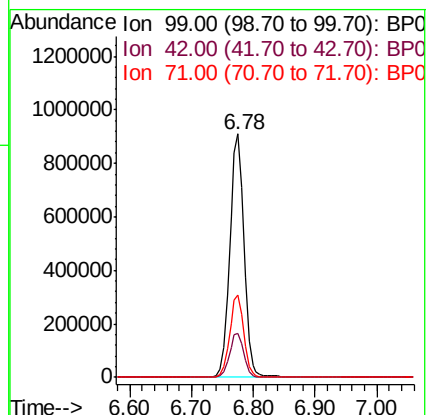
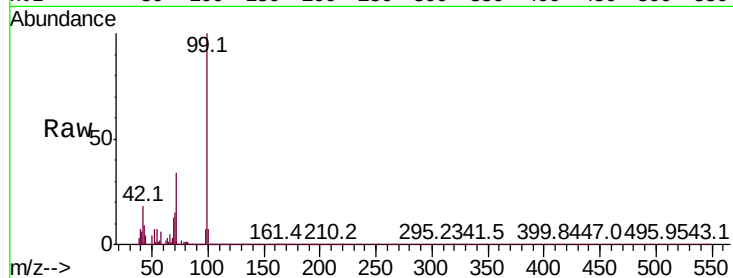
BNA_P

ClientSampleId :

RO-16

Tot Ion: 99 Resp: 1468461

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.6	22.0
71	33.6	27.2	40.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1270

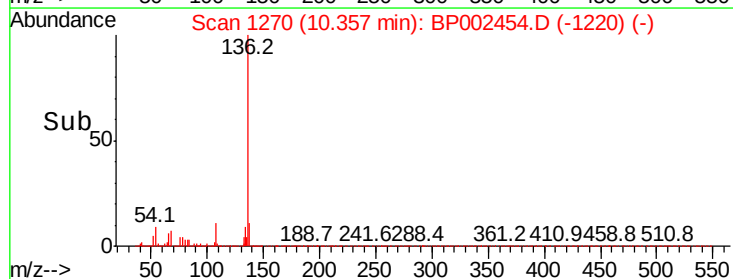
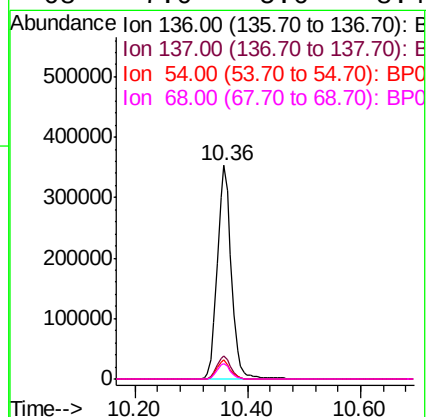
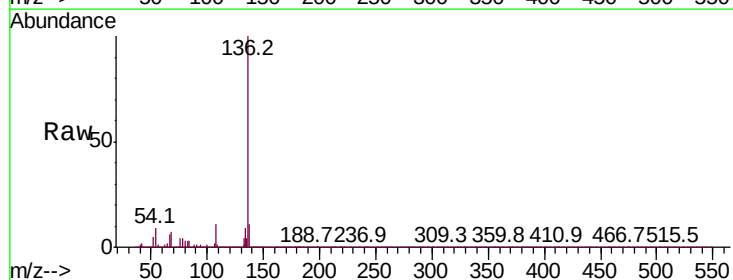
Delta R.T. -0.01 min

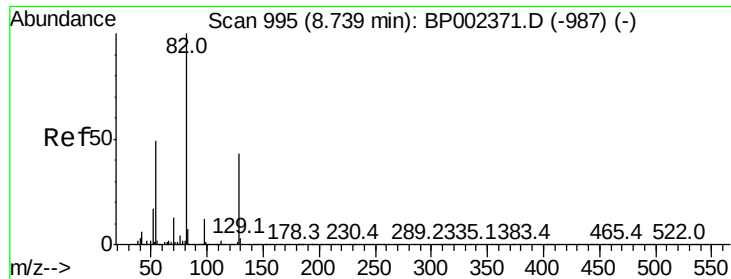
Lab File: BP002454.D

Acq: 18 Jun 2020 22:22

Tgt Ion: 136 Resp: 608533

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	8.8	6.4	9.6
68	7.0	5.6	8.4

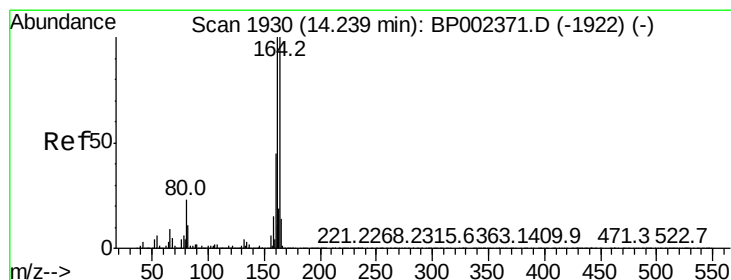
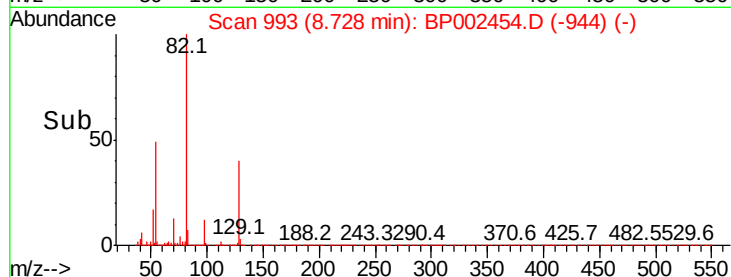
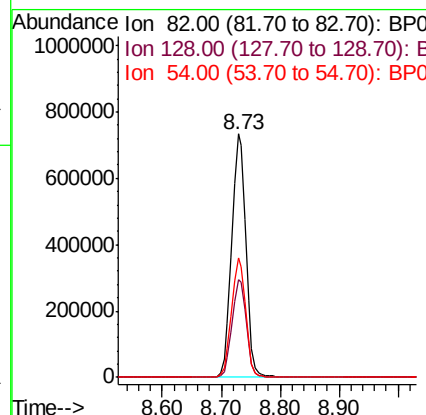
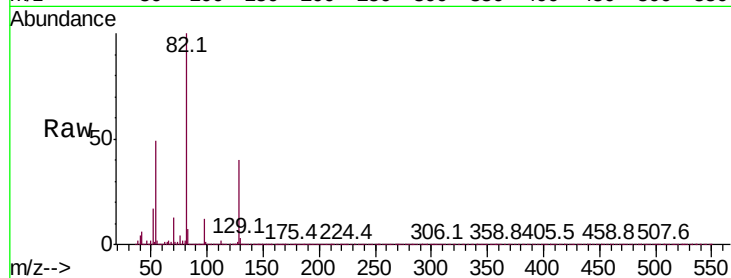




#23
Nitrobenzene-d5
Concen: 121.314 ng
RT: 8.73 min Scan# 993
Delta R.T. -0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

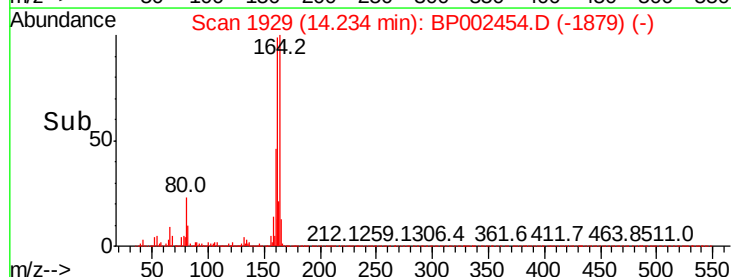
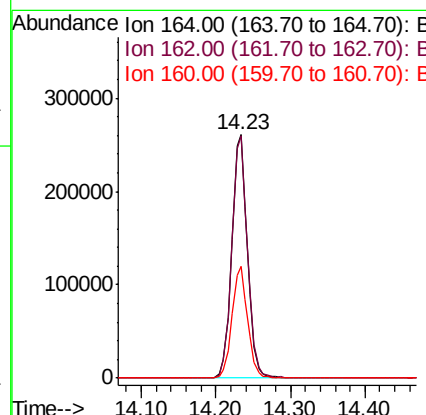
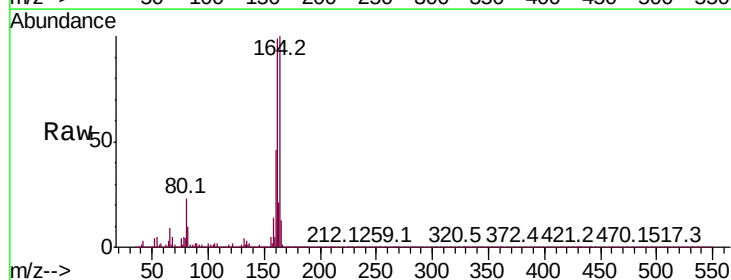
Instrument :
BNA_P
ClientSampleId :
RO-16

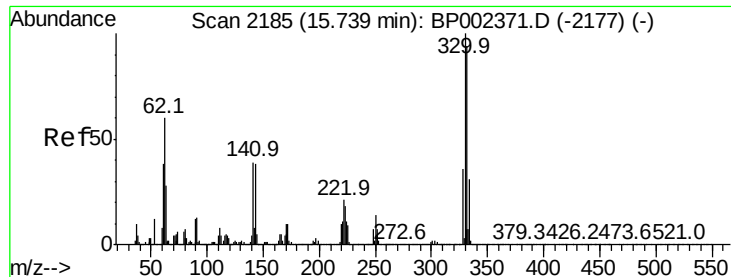
Tot Ion: 82 Resp: 1236186
Ion Ratio Lower Upper
82 100
128 40.0 34.5 51.7
54 48.8 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.23 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BP002454.D
Acq: 18 Jun 2020 22:22

Tgt Ion: 164 Resp: 381369
Ion Ratio Lower Upper
164 100
162 99.5 79.8 119.8
160 45.8 36.2 54.2

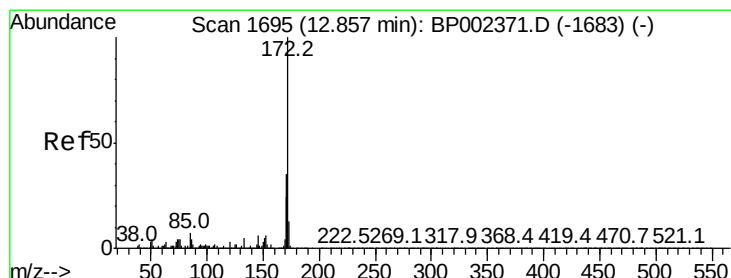
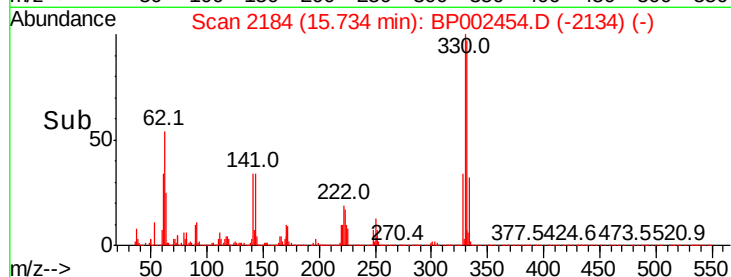
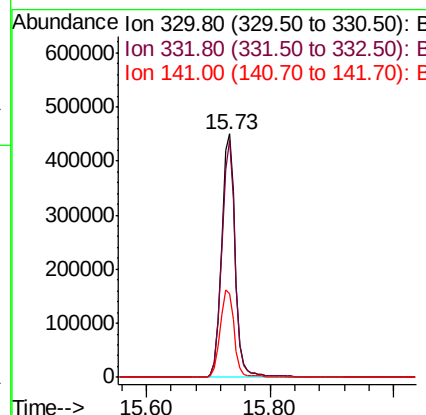
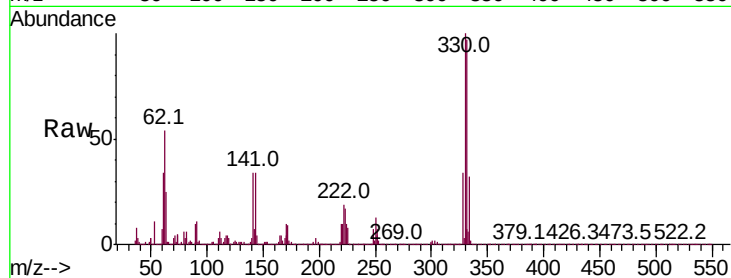




#42
 2,4,6-Tribromophenol
 Concen: 186.670 ng
 RT: 15.73 min Scan# 2184
 Delta R.T. -0.01 min
 Lab File: BP002454.D
 Acq: 18 Jun 2020 22:22

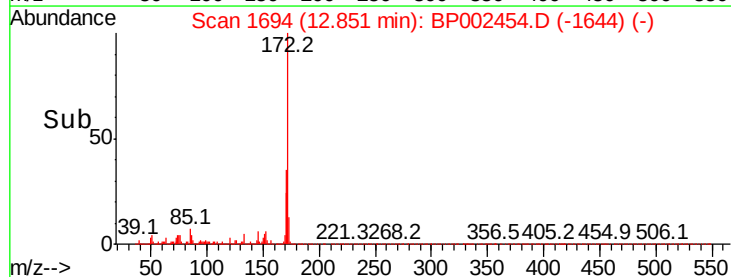
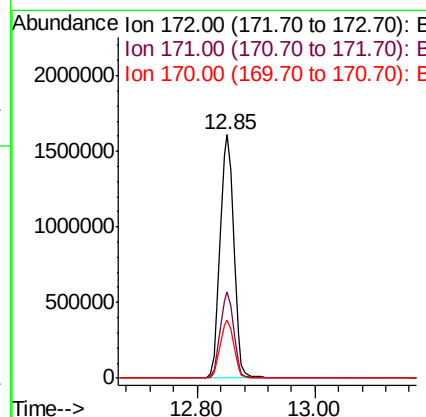
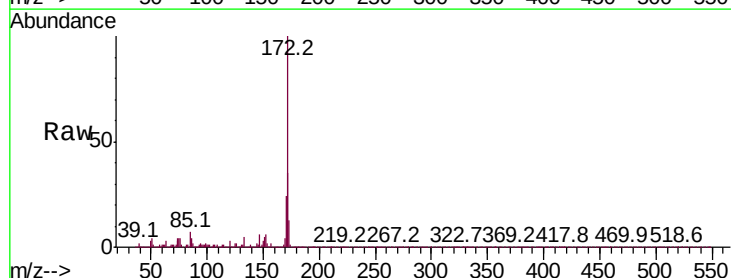
Instrument :
 BNA_P
 ClientSampleId :
 RO-16

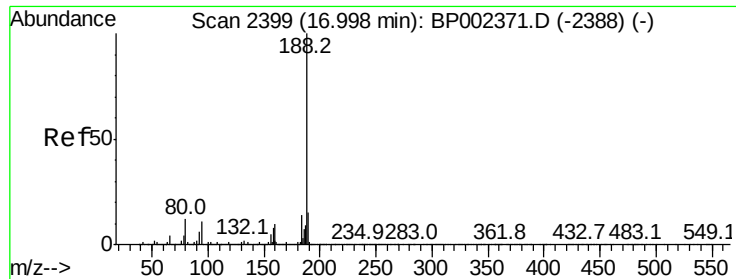
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	76.6	115.0
141	36.9	30.3	45.5



#45
 2-Fluorobiphenyl
 Concen: 115.137 ng
 RT: 12.85 min Scan# 1694
 Delta R.T. -0.00 min
 Lab File: BP002454.D
 Acq: 18 Jun 2020 22:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	27.8	41.8
170	24.0	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: BP002454.D

Acq: 18 Jun 2020 22:22

Instrument :

BNA_P

ClientSampleId :

RO-16

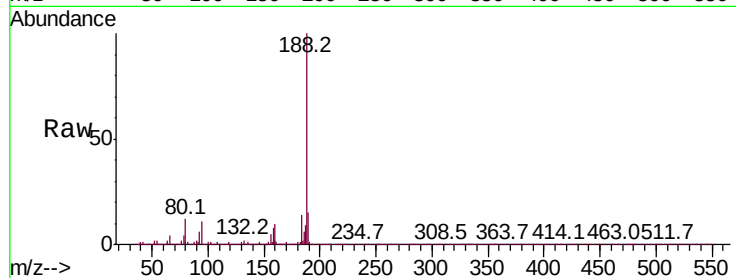
Tot Ion:188 Resp: 844627

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

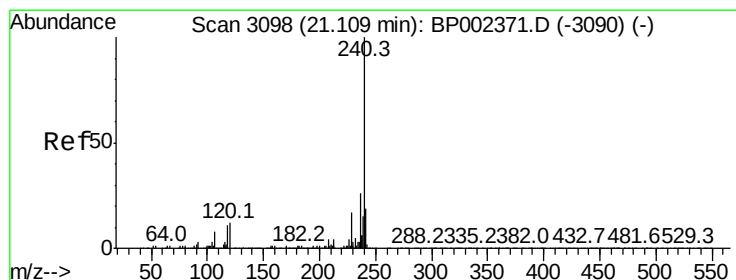
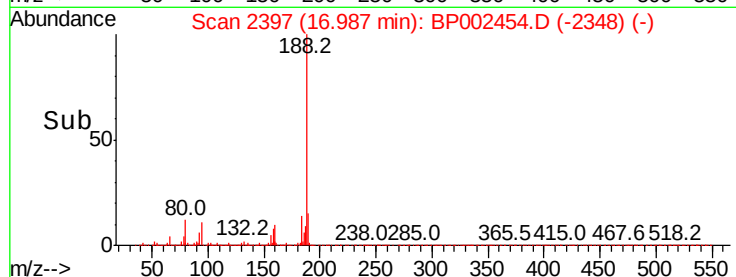
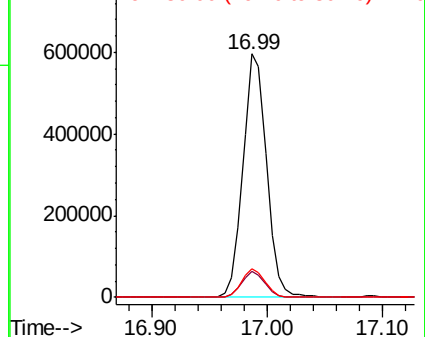
80 11.6 9.4 14.0



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: BP002454.D

Acq: 18 Jun 2020 22:22

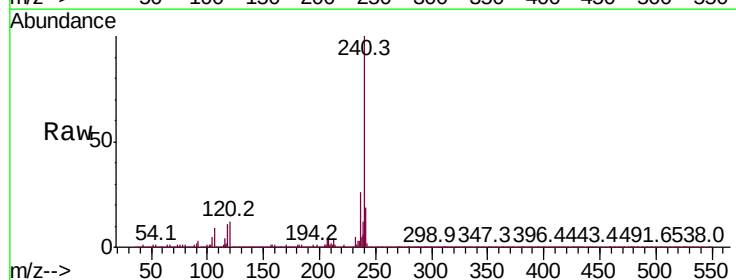
Tgt Ion:240 Resp: 830610

Ion Ratio Lower Upper

240 100

120 12.3 9.3 13.9

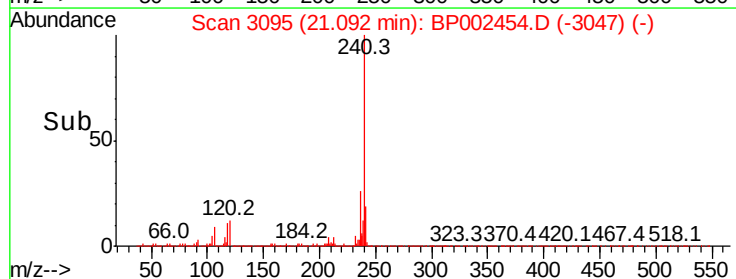
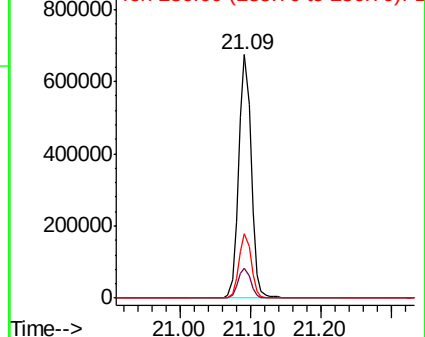
236 26.4 21.0 31.6

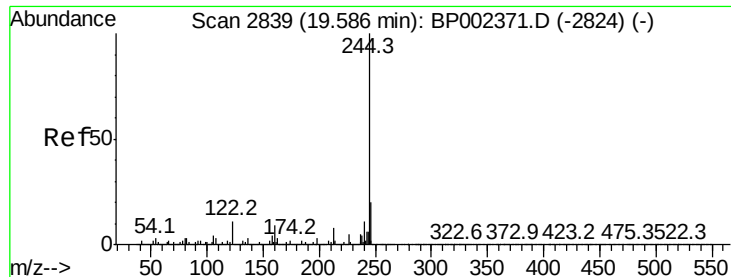


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 142.286 ng

RT: 19.58 min Scan# 2838

Delta R.T. -0.00 min

Lab File: BP002454.D

Acq: 18 Jun 2020 22:22

Instrument :

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RO-16

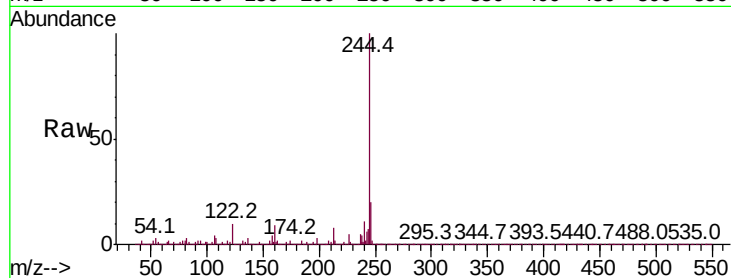
Tot Ion:244 Resp: 3993394

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

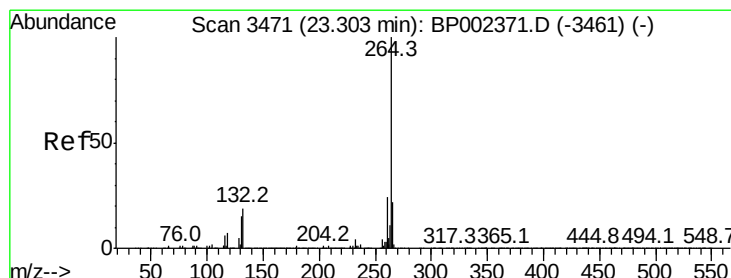
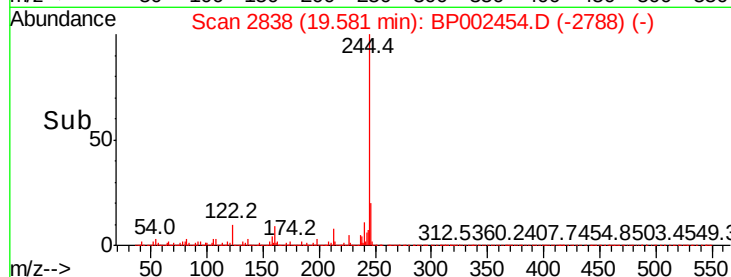
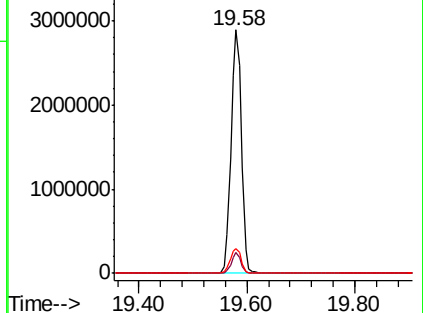
122 10.3 8.8 13.2



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: BP002454.D

Acq: 18 Jun 2020 22:22

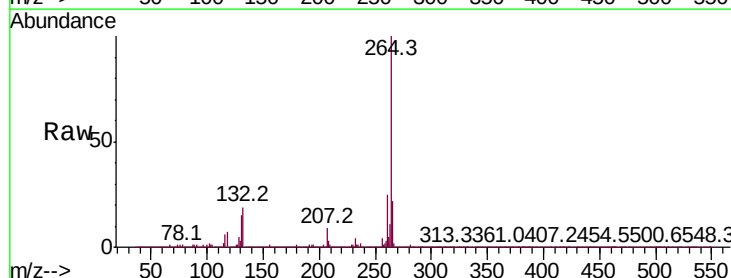
Tgt Ion:264 Resp: 855699

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 21.8 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

