

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP063020\
 Data File : BP002582.D
 Acq On : 30 Jun 2020 19:10
 Operator : CG/JU
 Sample : L3153-40
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP2-K

Quant Time: Jul 01 04:41:09 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP062920.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 29 16:51:57 2020
 Response via : Initial Calibration

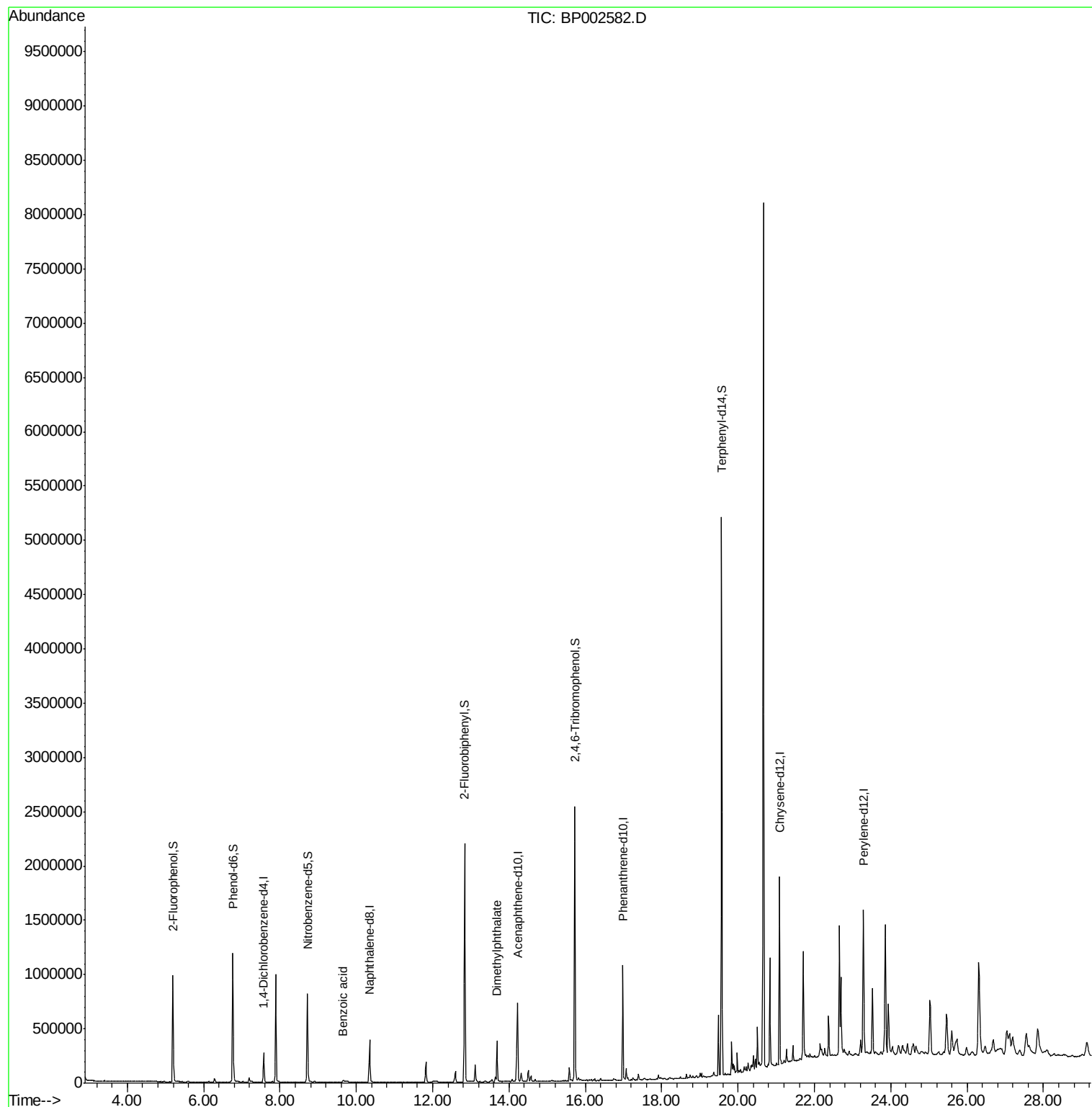
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	72115	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	336959	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	244893	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	624376	20.00	ng	0.00
76) Chrysene-d12	21.09	240	775545	20.00	ng	0.00
86) Perylene-d12	23.28	264	884209	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	455491	106.94	ng	0.00
7) Phenol-d6	6.76	99	708832	119.23	ng	0.00
23) Nitrobenzene-d5	8.72	82	472679	72.28	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	371225	124.63	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1161669	69.82	ng	0.00
79) Terphenyl-d14	19.57	244	2410184	67.08	ng	0.00
Target Compounds						
32) Benzoic acid	9.65	122	10792	11.051	ng	Qvalue # 86
50) Dimethylphthalate	13.68	163	245509	12.764	ng	100

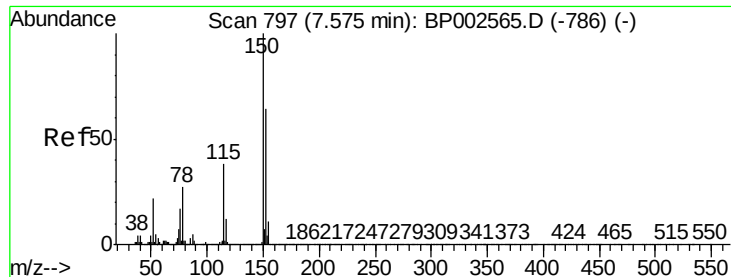
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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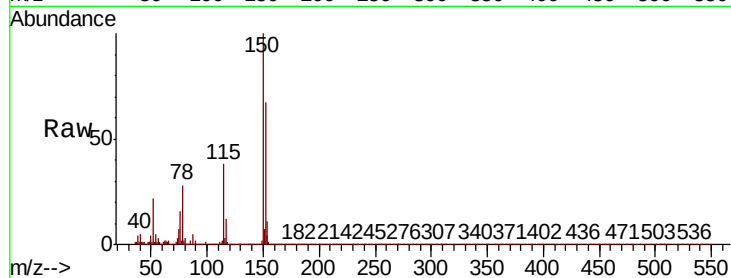


#1

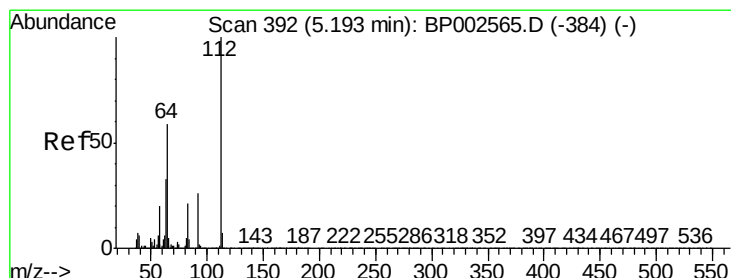
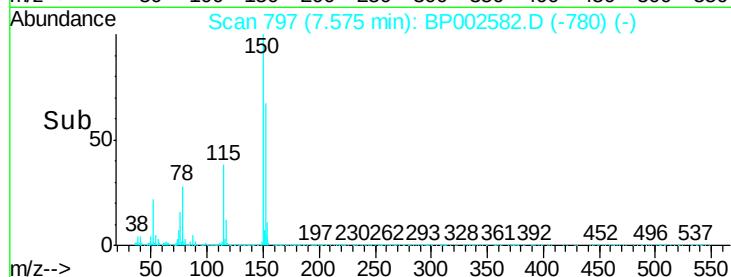
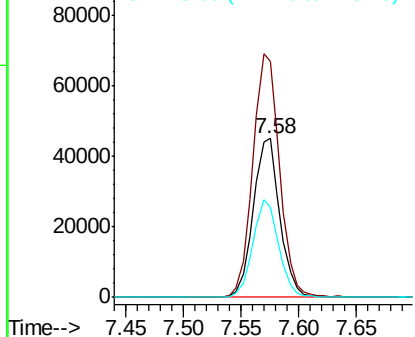
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.58 min Scan# 797
Delta R.T. -0.00 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Instrument :
BNA_P
ClientSampleId :
SP2-K

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.6	124.2	186.2
115	56.4	47.1	70.7



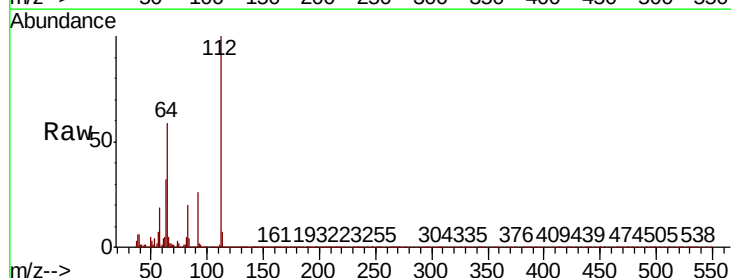
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



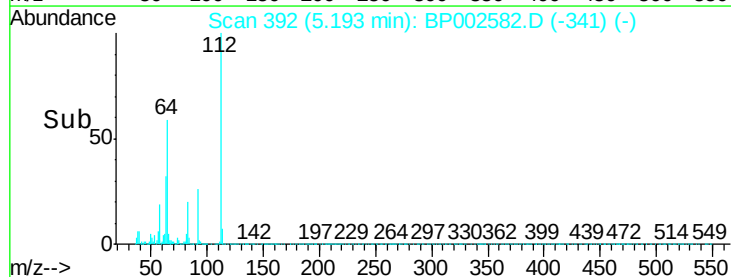
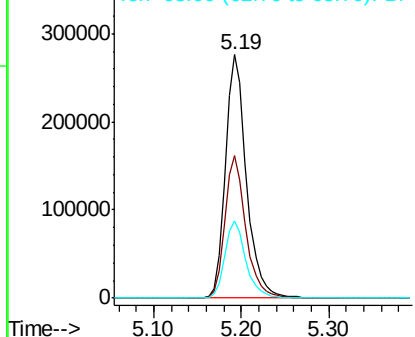
#5

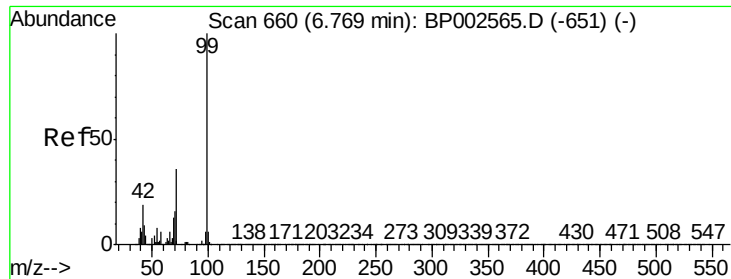
2-Fluorophenol
Concen: 106.940 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.6	47.0	70.6
63	31.6	26.1	39.1



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: 119.234 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002582.D

Acq: 30 Jun 2020 19:10

Instrument :

BNA_P

ClientSampleId :

SP2-K

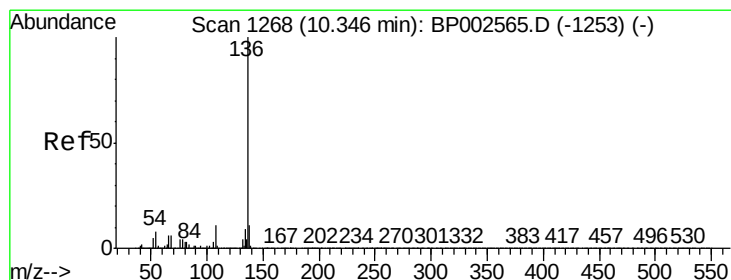
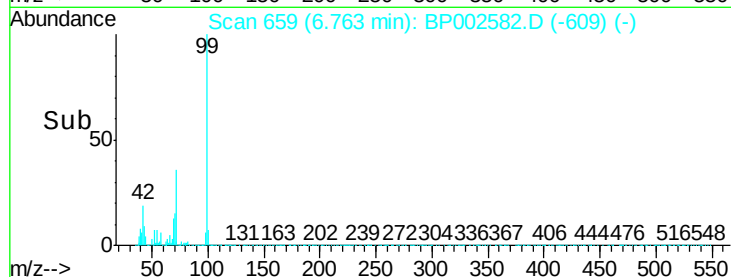
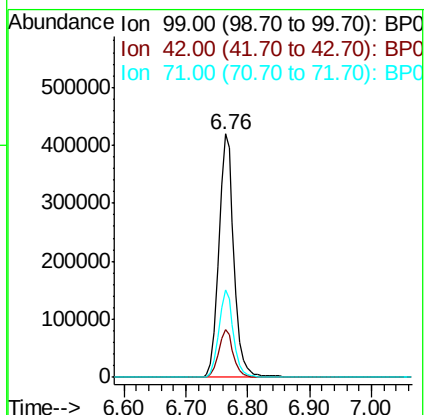
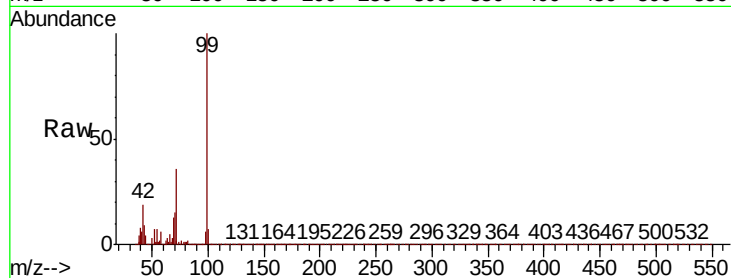
Tot Ion: 99 Resp: 708832

Ion Ratio Lower Upper

99 100

42 19.5 15.5 23.3

71 35.9 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1268

Delta R.T. -0.00 min

Lab File: BP002582.D

Acq: 30 Jun 2020 19:10

Tgt Ion: 136 Resp: 336959

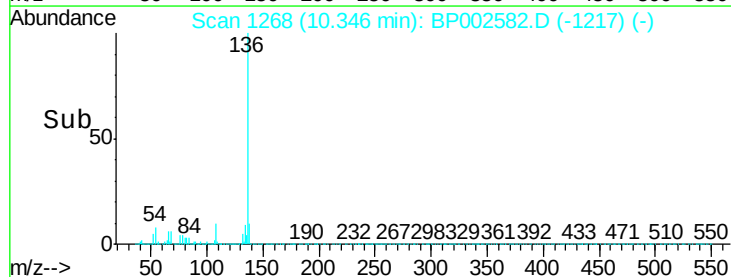
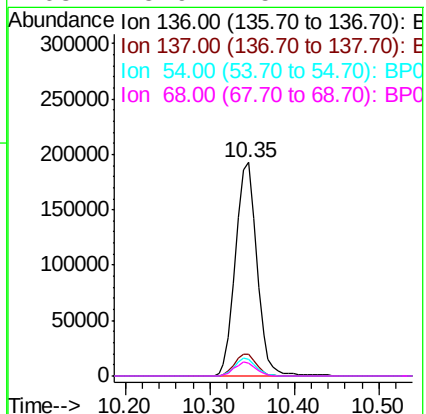
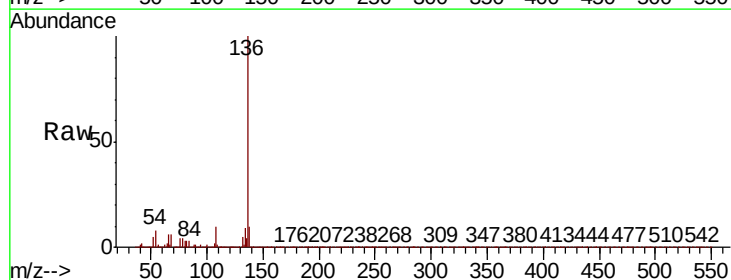
Ion Ratio Lower Upper

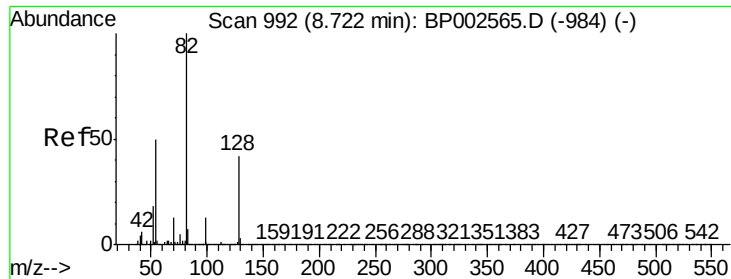
136 100

137 10.2 8.8 13.2

54 7.8 6.4 9.6

68 5.9 5.1 7.7

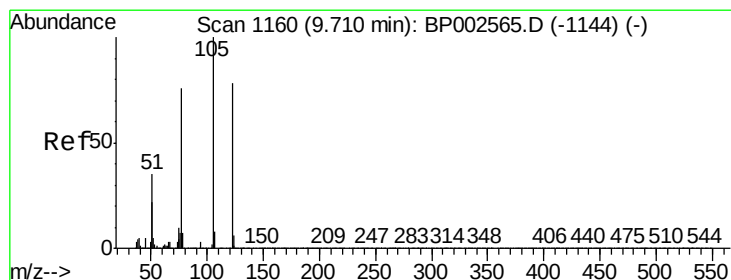
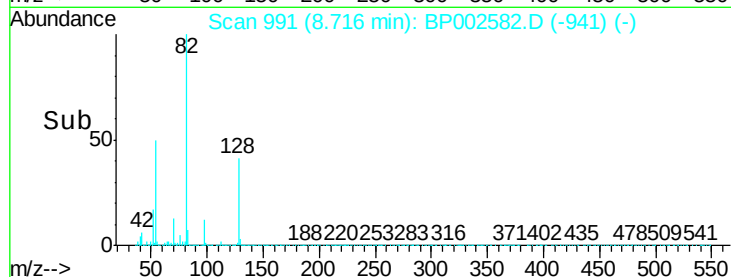
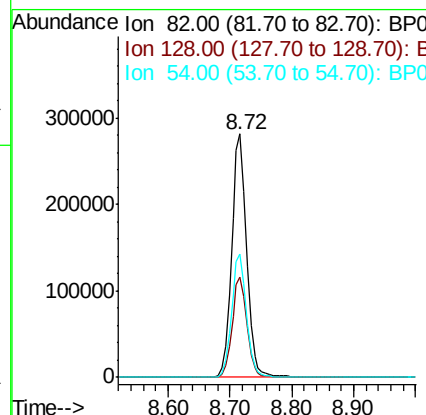
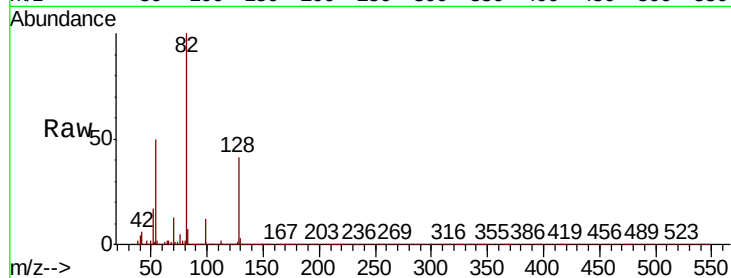




#23
 Nitrobenzene-d5
 Concen: 72.279 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002582.D
 Acq: 30 Jun 2020 19:10

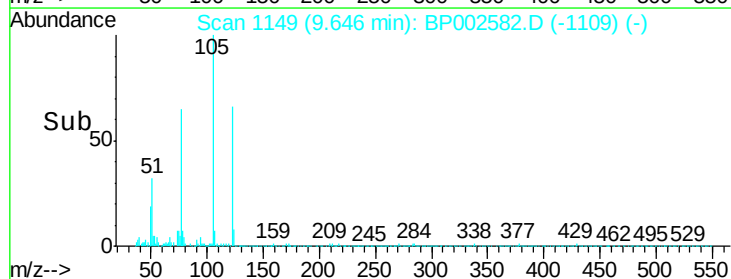
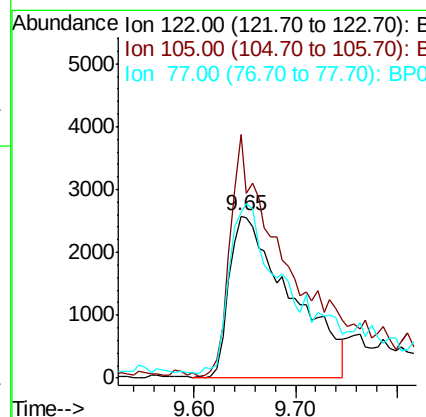
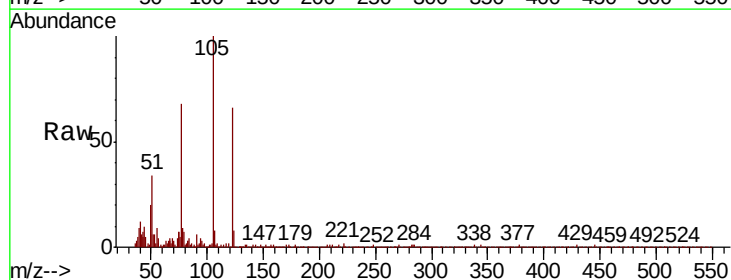
Instrument :
 BNA_P
 ClientSampleId :
 SP2-K

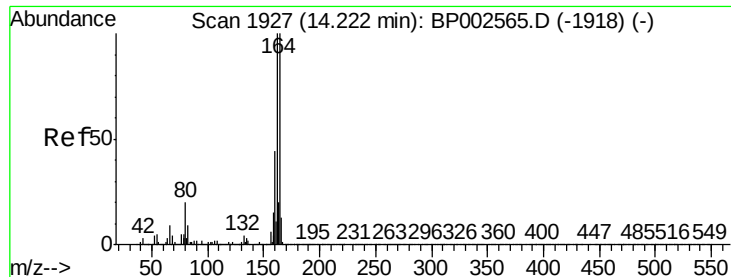
Tot Ion	82	Resp	472679
Ion Ratio	Lower	Upper	
82	100		
128	41.1	33.4	50.2
54	50.5	40.1	60.1



#32
 Benzoic acid
 Concen: 11.051 ng
 RT: 9.65 min Scan# 1149
 Delta R.T. -0.06 min
 Lab File: BP002582.D
 Acq: 30 Jun 2020 19:10

Tgt Ion	122	Resp	10792
Ion Ratio	Lower	Upper	
122	100		
105	150.5	106.6	146.6#
77	102.0	76.5	116.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.22 min Scan# 1927

Delta R.T. -0.00 min

Lab File: BP002582.D

Acq: 30 Jun 2020 19:10

Instrument :

BNA_P

ClientSampleId :

SP2-K

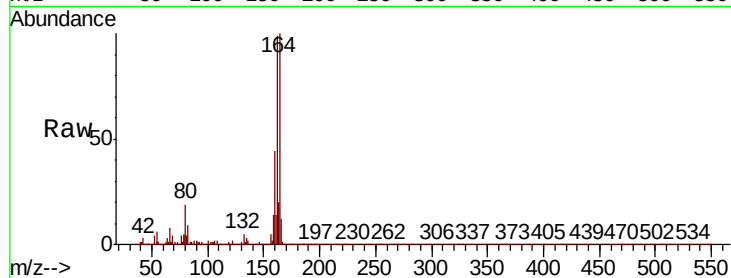
Tot Ion:164 Resp: 244893

Ion Ratio Lower Upper

164 100

162 99.1 80.3 120.5

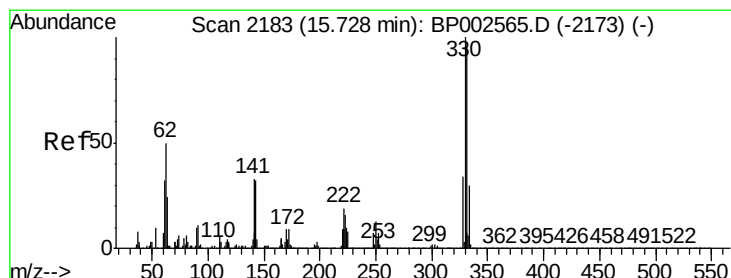
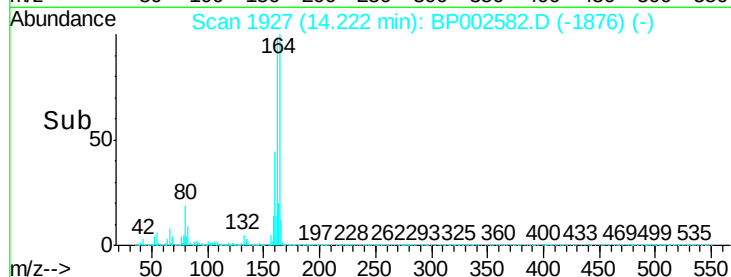
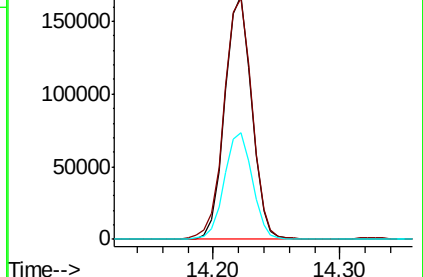
160 43.7 35.0 52.6



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: 124.631 ng

RT: 15.72 min Scan# 2182

Delta R.T. -0.01 min

Lab File: BP002582.D

Acq: 30 Jun 2020 19:10

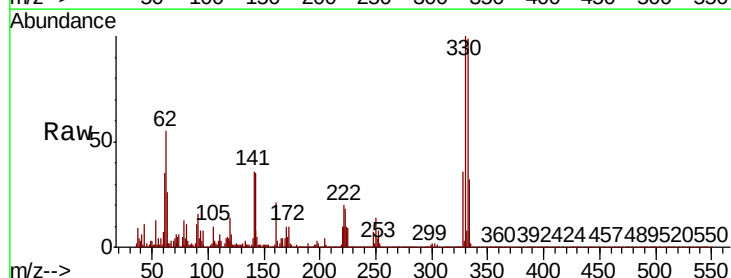
Tgt Ion:330 Resp: 371225

Ion Ratio Lower Upper

330 100

332 96.5 77.7 116.5

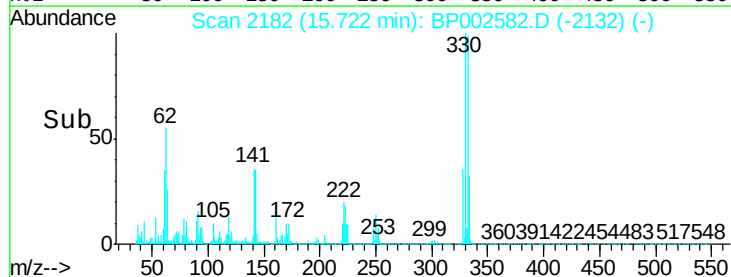
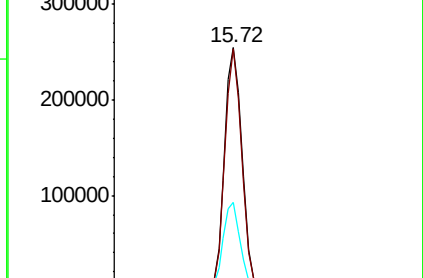
141 36.3 29.0 43.6

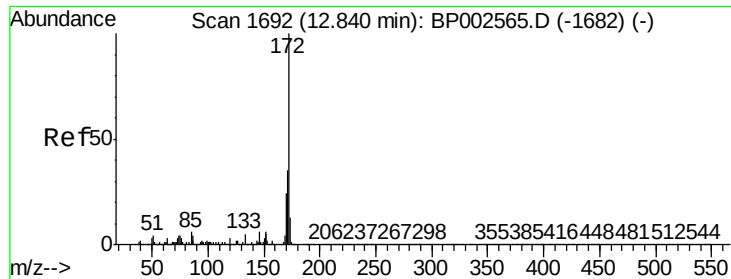


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

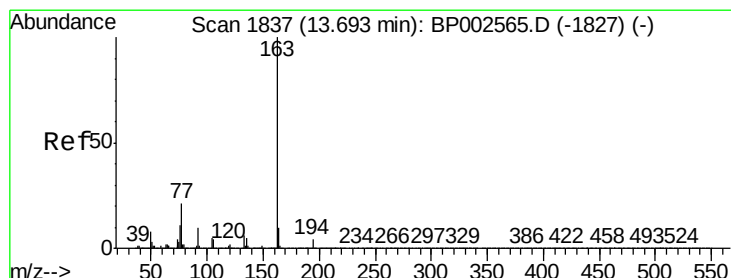
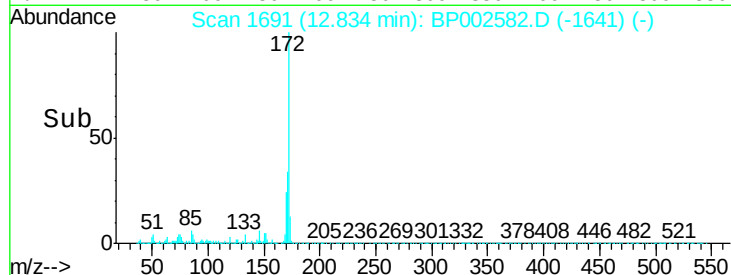
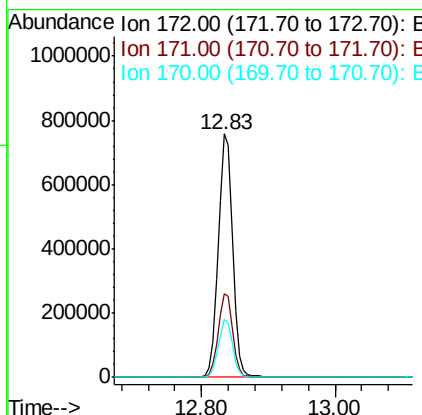
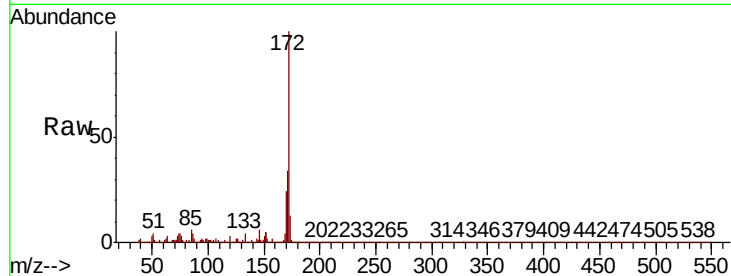




#45
2-Fluorobiphenyl
Concen: 69.818 ng
RT: 12.83 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

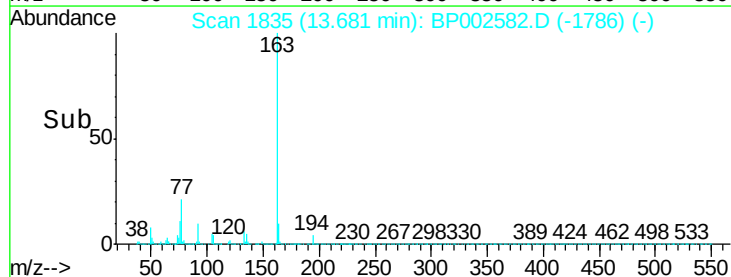
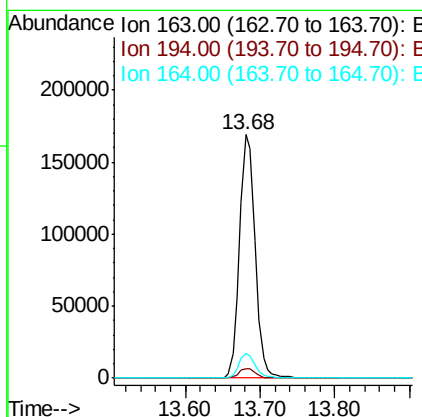
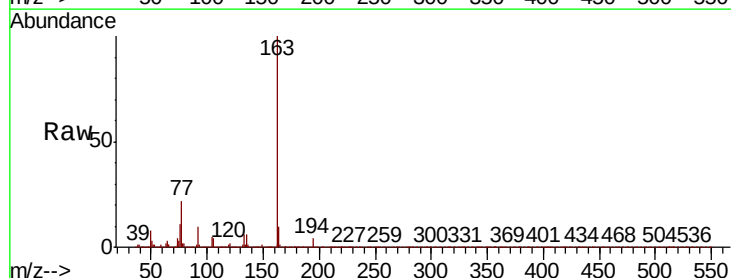
Instrument :
BNA_P
ClientSampleId :
SP2-K

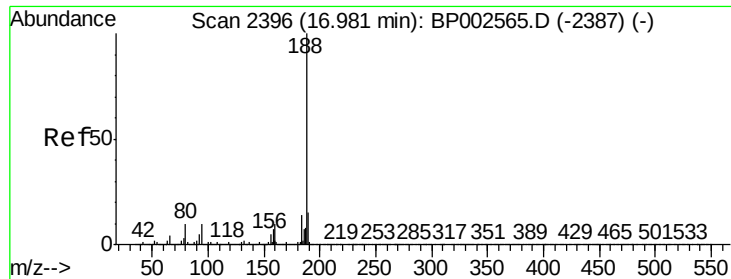
Tot Ion:172 Resp: 1161669
Ion Ratio Lower Upper
172 100
171 34.1 28.0 42.0
170 23.7 19.0 28.4



#50
Dimethylphthalate
Concen: 12.764 ng
RT: 13.68 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BP002582.D
Acq: 30 Jun 2020 19:10

Tgt Ion:163 Resp: 245509
Ion Ratio Lower Upper
163 100
194 4.0 3.4 5.0
164 10.3 8.2 12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BP002582.D

Acq: 30 Jun 2020 19:10

Instrument :

BNA_P

ClientSampleId :

SP2-K

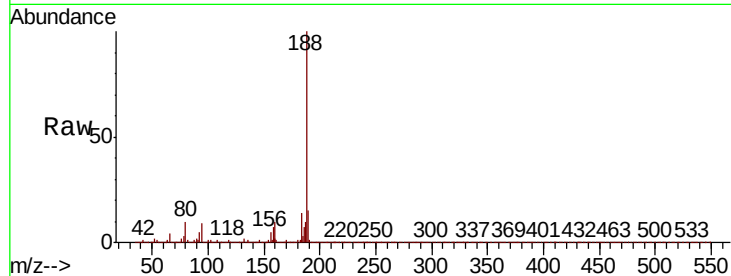
Tot Ion:188 Resp: 624376

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

80 9.5 8.2 12.4



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

600000

500000

400000

300000

200000

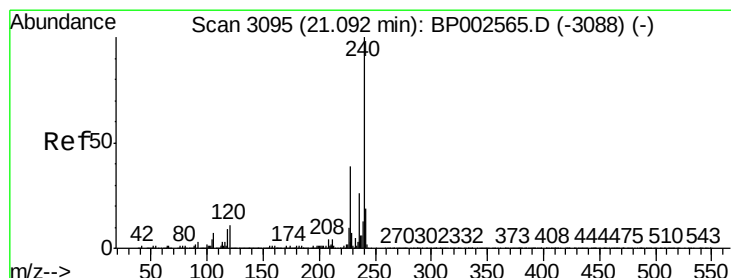
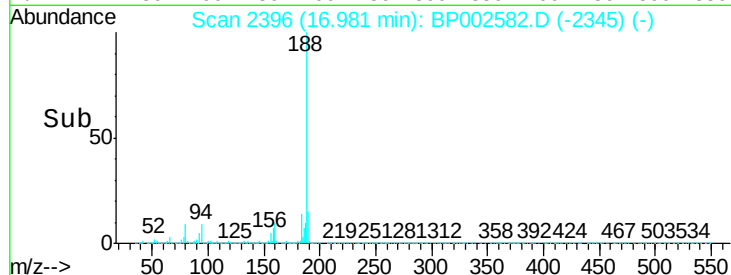
100000

0

16.90

17.00

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002582.D

Acq: 30 Jun 2020 19:10

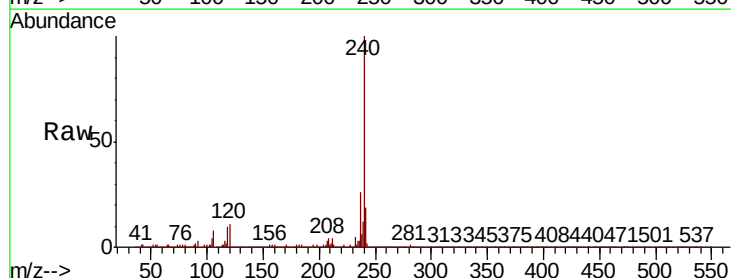
Tgt Ion:240 Resp: 775545

Ion Ratio Lower Upper

240 100

120 10.9 8.6 13.0

236 26.4 20.8 31.2



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

800000

600000

400000

200000

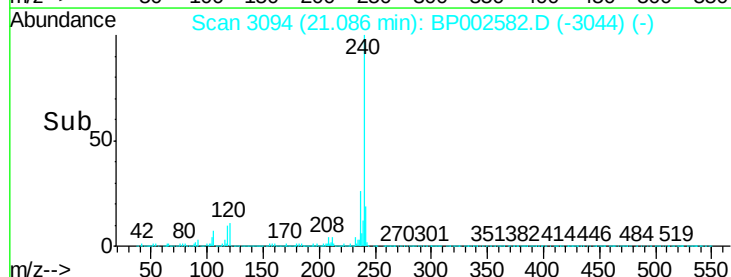
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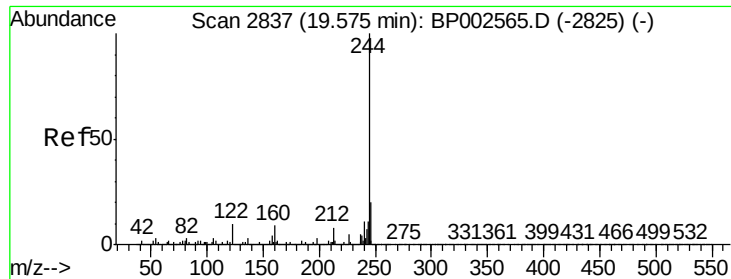
21.00

21.10

21.20

Time-->





#79

Terphenyl-d14

Concen: 67.080 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002582.D

Acq: 30 Jun 2020 19:10

Instrument :

BNA_P

ClientSampled :

SP2-K

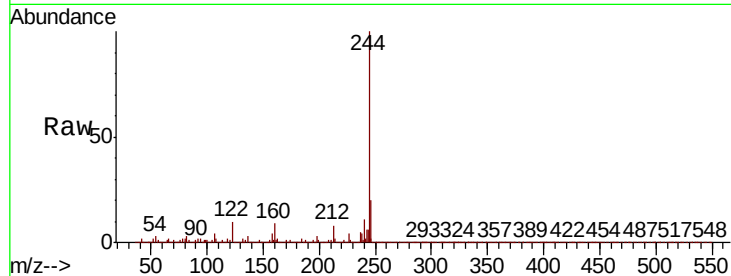
Tot Ion:244 Resp: 2410184

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

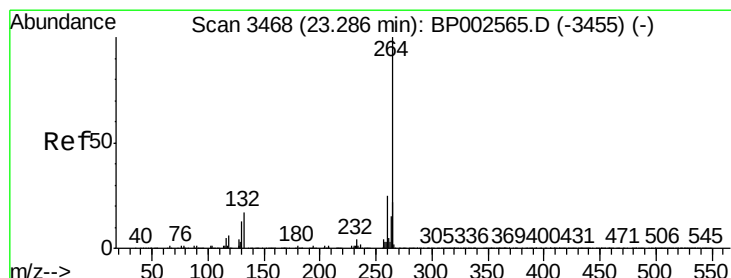
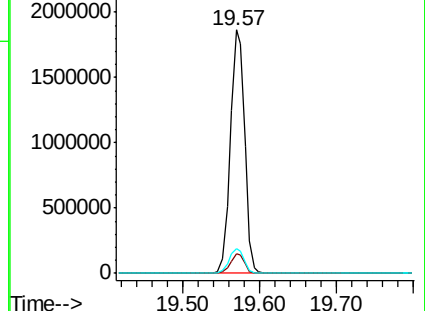
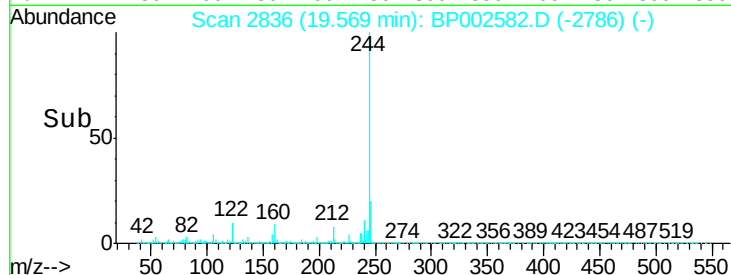
122 10.4 7.9 11.9



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: 23.28 min Scan# 3467

Delta R.T. -0.01 min

Lab File: BP002582.D

Acq: 30 Jun 2020 19:10

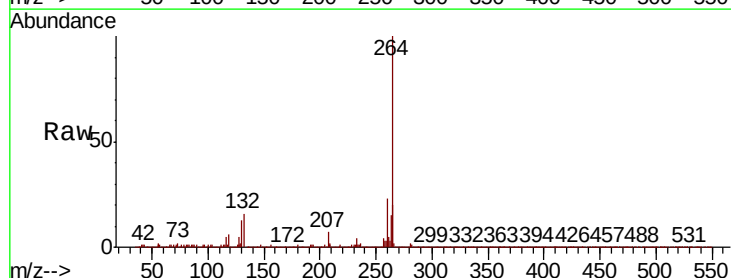
Tgt Ion:264 Resp: 884209

Ion Ratio Lower Upper

264 100

260 23.3 19.7 29.5

265 20.2 17.6 26.4



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

