

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002701.D
 Acq On : 09 Jul 2020 17:23
 Operator : CG/JU
 Sample : PB130037BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130037BL

Quant Time: Jul 09 17:54:28 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	7.57	152	69937	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	323263	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	233224	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	569033	20.00	ng	0.00
76) Chrysene-d12	21.09	240	796724	20.00	ng	0.00
86) Perylene-d12	23.28	264	927530	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	532842	129.00	ng	0.00
7) Phenol-d6	6.77	99	762334	132.23	ng	0.00
23) Nitrobenzene-d5	8.71	82	542396	86.45	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	366376	129.16	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1350760	85.24	ng	-0.01
79) Terphenyl-d14	19.56	244	2958418	80.15	ng	-0.01

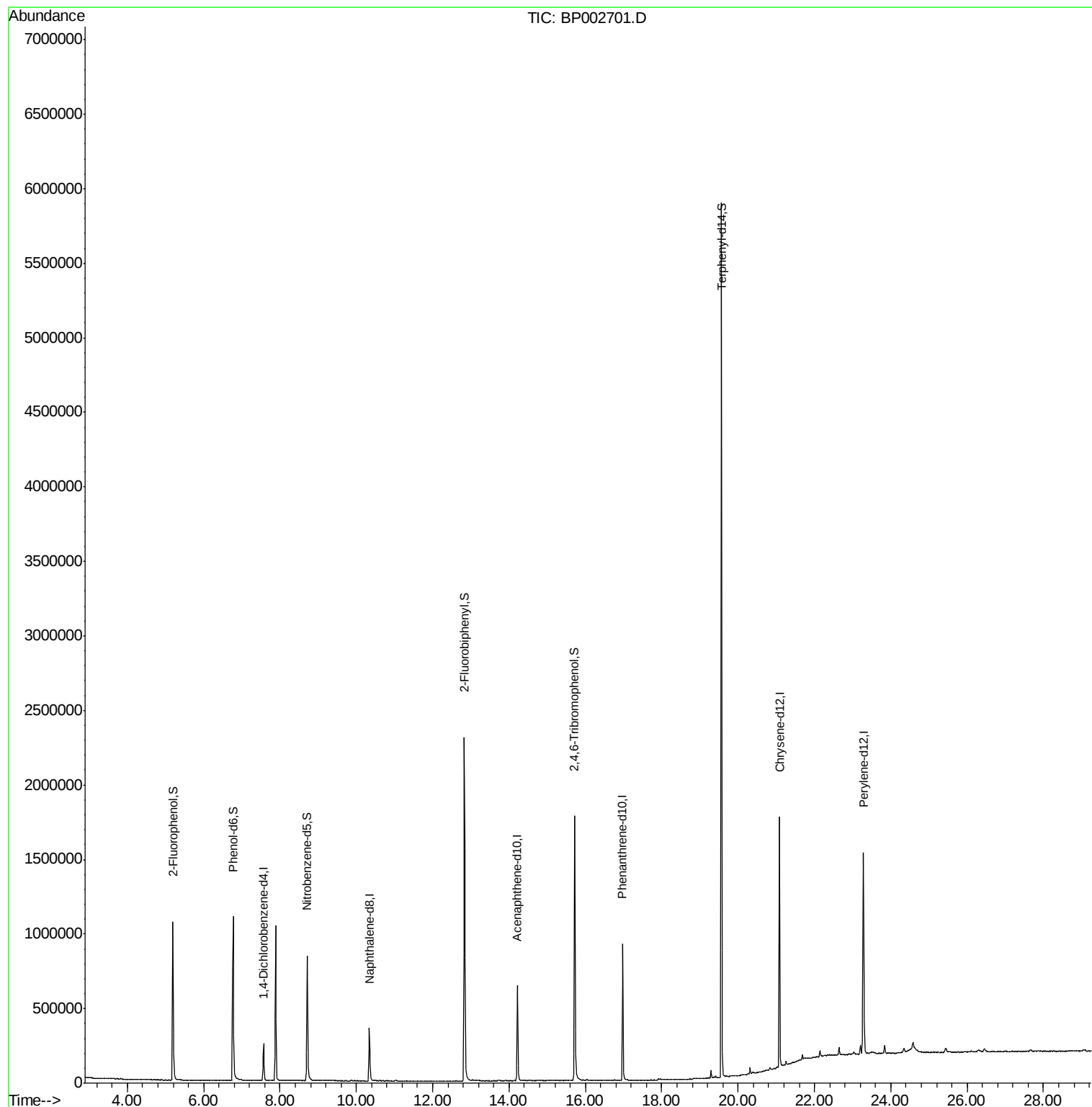
Target Compounds Qvalue

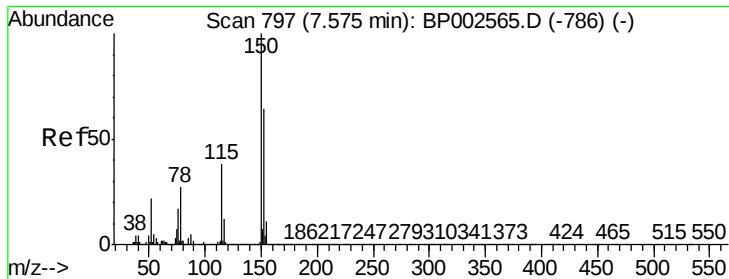
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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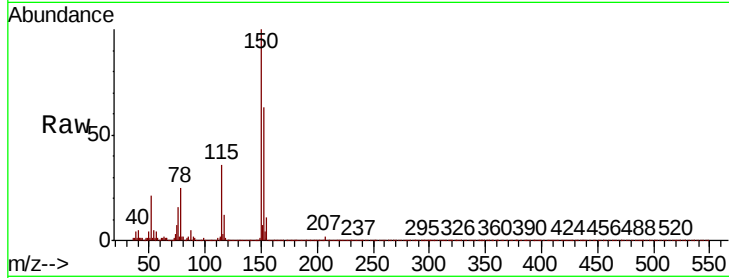


#1

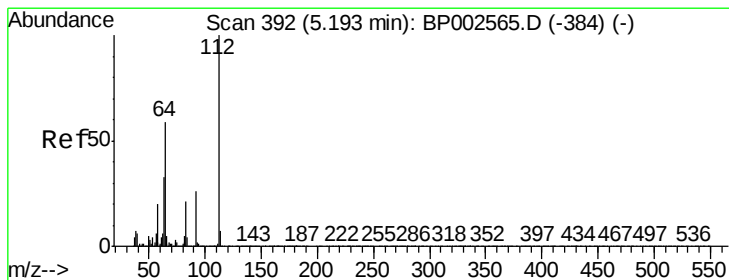
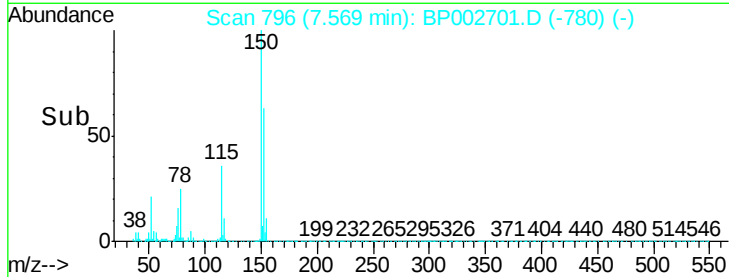
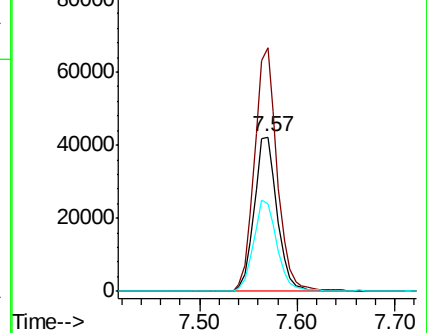
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Instrument :
BNA_P
ClientSampleId :
PB130037BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.0	124.2	186.2
115	56.7	47.1	70.7



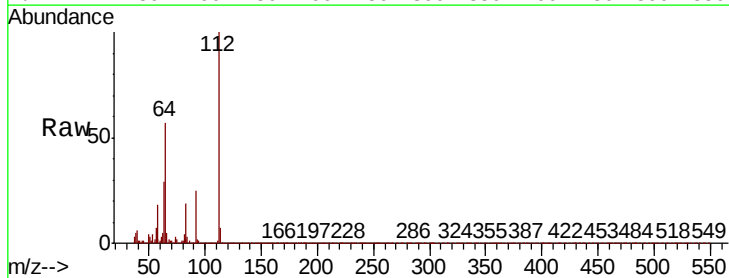
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



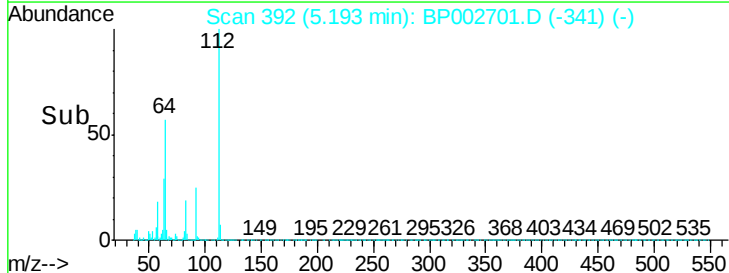
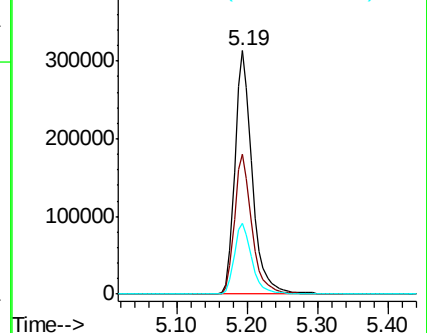
#5

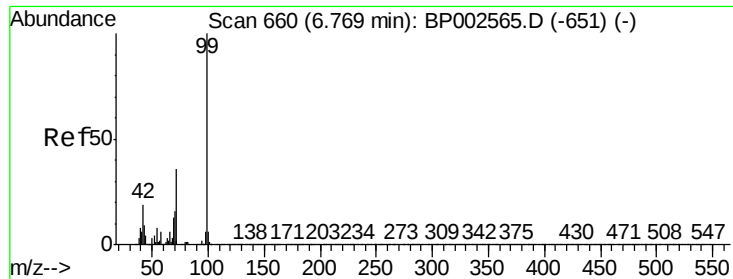
2-Fluorophenol
Concen: 128.996 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002701.D
Acq: 09 Jul 2020 17:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.4	47.0	70.6
63	29.2	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: 132.227 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002701.D

Acq: 09 Jul 2020 17:23

Instrument :

BNA_P

ClientSampleId :

PB130037BL

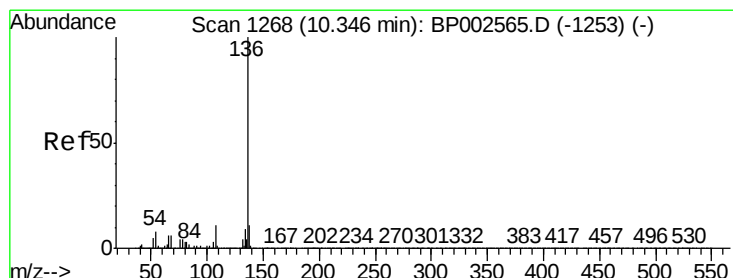
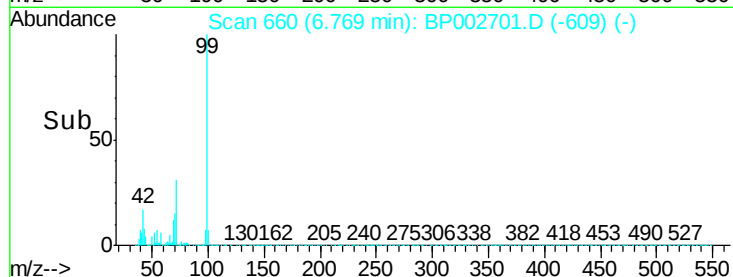
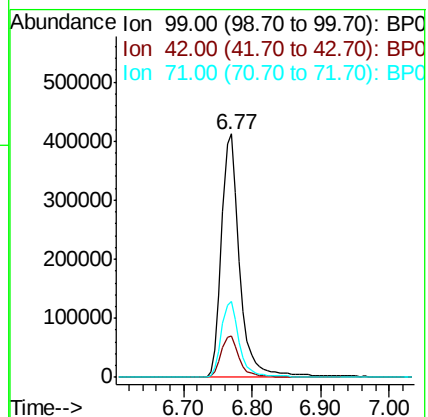
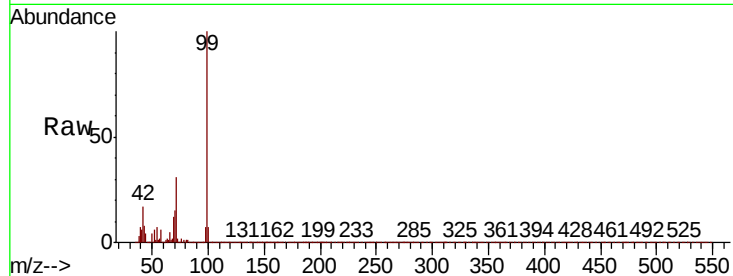
Tot Ion: 99 Resp: 762334

Ion Ratio Lower Upper

99 100

42 16.9 15.5 23.3

71 31.1 28.9 43.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1267

Delta R.T. -0.01 min

Lab File: BP002701.D

Acq: 09 Jul 2020 17:23

Tgt Ion: 136 Resp: 323263

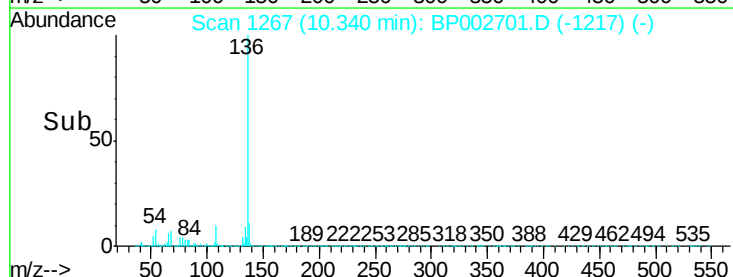
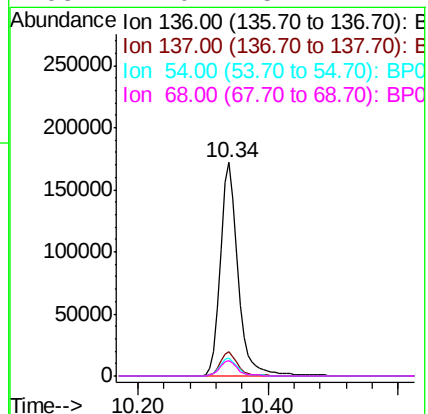
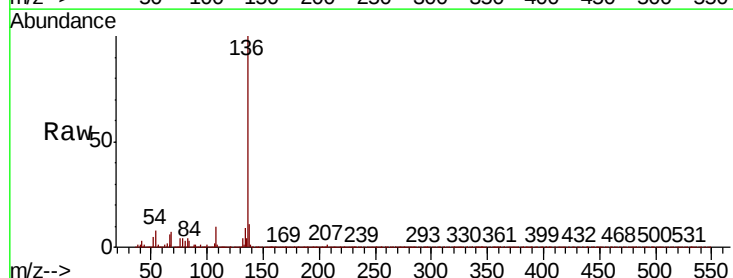
Ion Ratio Lower Upper

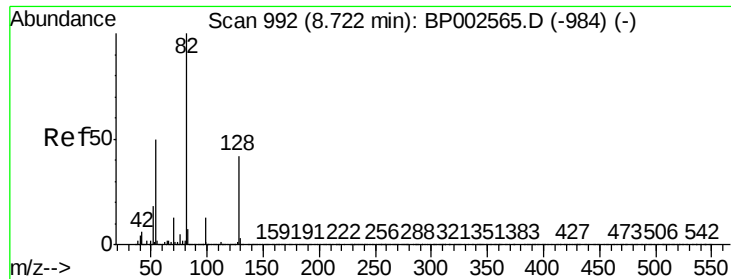
136 100

137 11.2 8.8 13.2

54 8.4 6.4 9.6

68 7.0 5.1 7.7

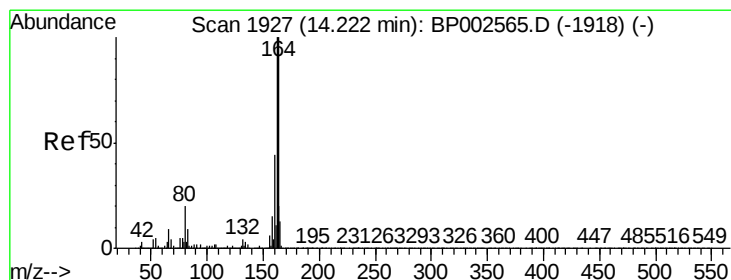
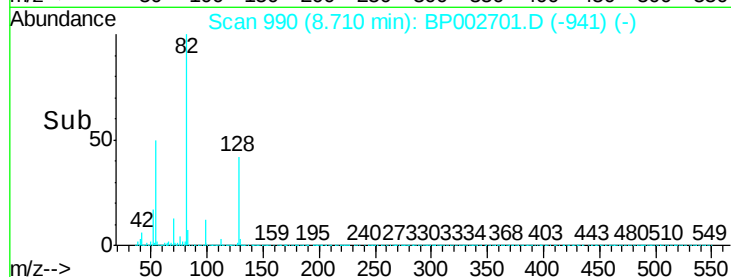
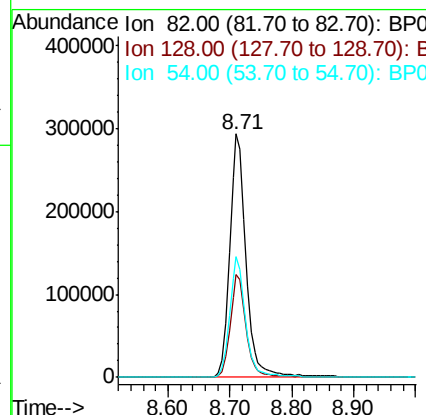
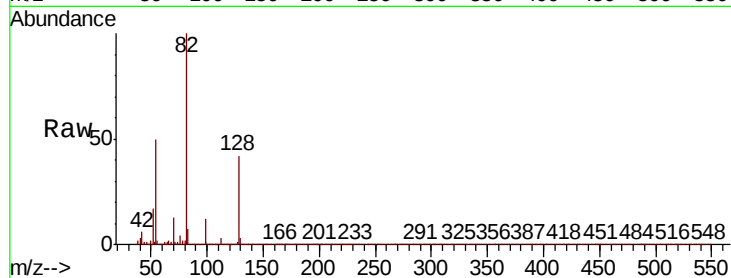




#23
 Nitrobenzene-d5
 Concen: 86.453 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002701.D
 Acq: 09 Jul 2020 17:23

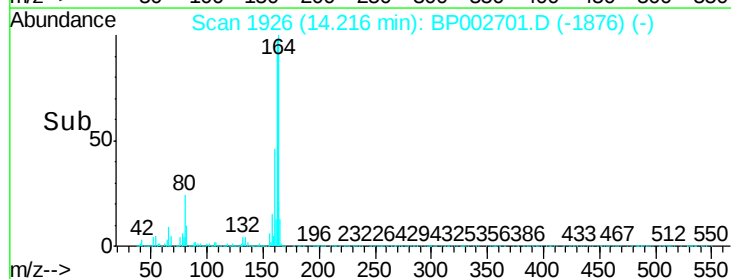
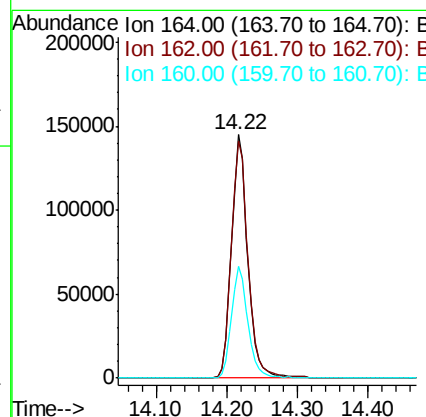
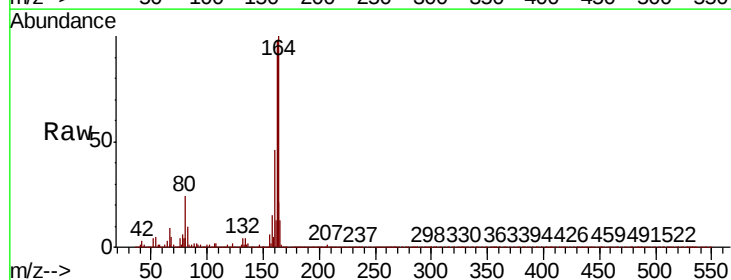
Instrument :
 BNA_P
 ClientSampleId :
 PB130037BL

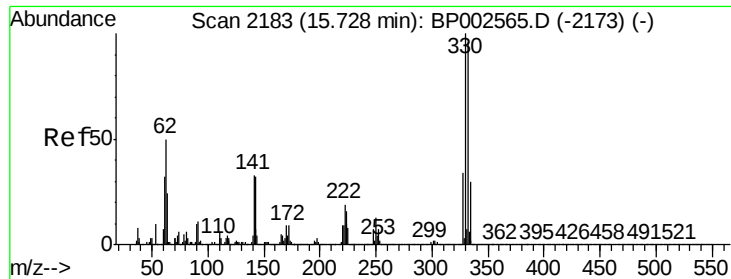
Tot Ion	82	Resp	542396
Ion Ratio	Lower	Upper	
82	100		
128	42.0	33.4	50.2
54	49.7	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP002701.D
 Acq: 09 Jul 2020 17:23

Tgt Ion	164	Resp	233224
Ion Ratio	Lower	Upper	
164	100		
162	97.6	80.3	120.5
160	46.0	35.0	52.6

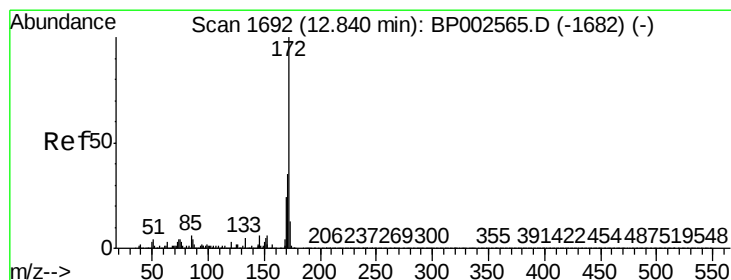
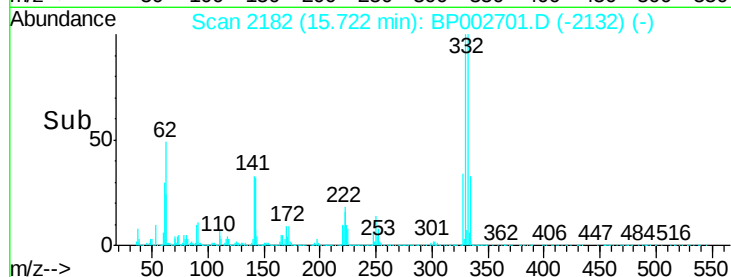
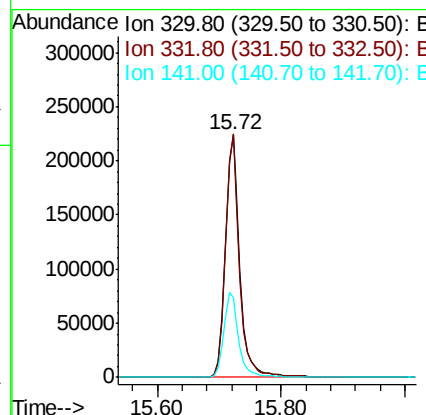
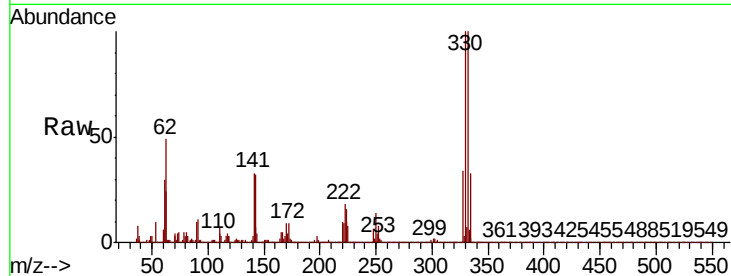




#42
 2,4,6-Tribromophenol
 Concen: 129.158 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002701.D
 Acq: 09 Jul 2020 17:23

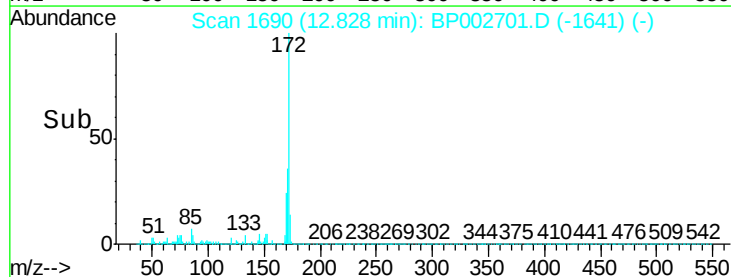
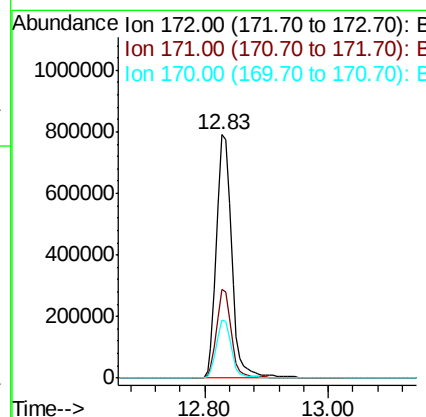
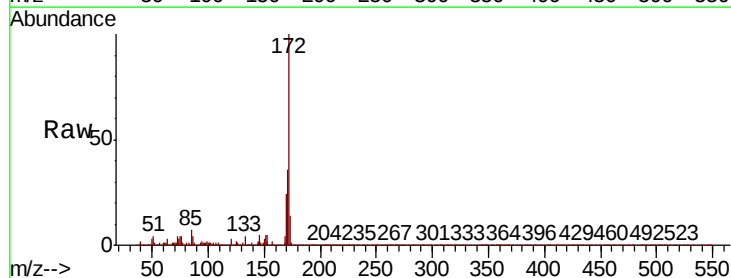
Instrument :
 BNA_P
 ClientSampleId :
 PB130037BL

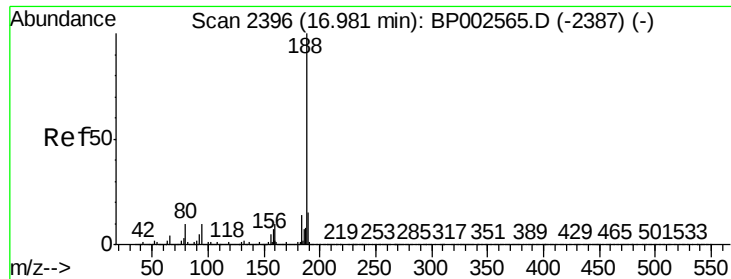
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.7	116.5
141	36.0	29.0	43.6



#45
 2-Fluorobiphenyl
 Concen: 85.244 ng
 RT: 12.83 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BP002701.D
 Acq: 09 Jul 2020 17:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.0	42.0
170	23.9	19.0	28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.97 min Scan# 2395

Delta R.T. -0.01 min

Lab File: BP002701.D

Acq: 09 Jul 2020 17:23

Instrument :

BNA_P

ClientSampleId :

PB130037BL

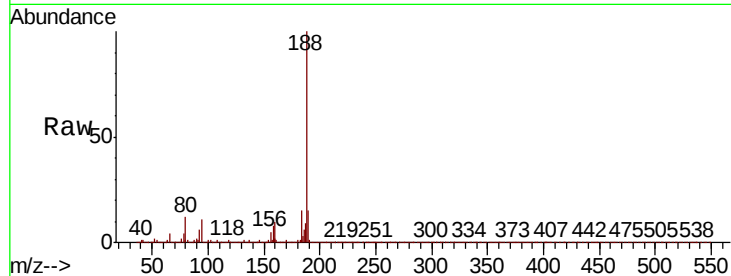
Tot Ion:188 Resp: 569033

Ion Ratio Lower Upper

188 100

94 10.8 7.8 11.6

80 11.8 8.2 12.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO

400000

300000

200000

100000

0

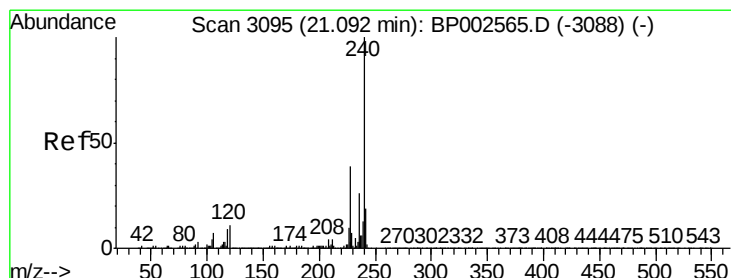
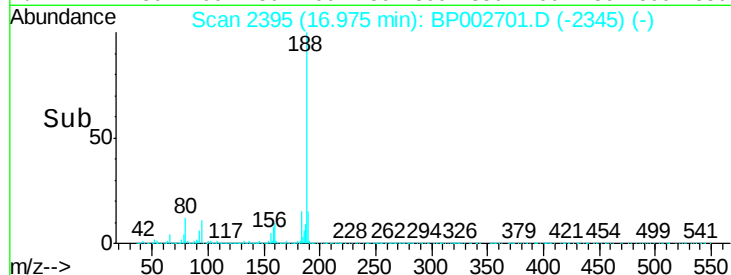
16.97

16.90

17.00

17.10

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002701.D

Acq: 09 Jul 2020 17:23

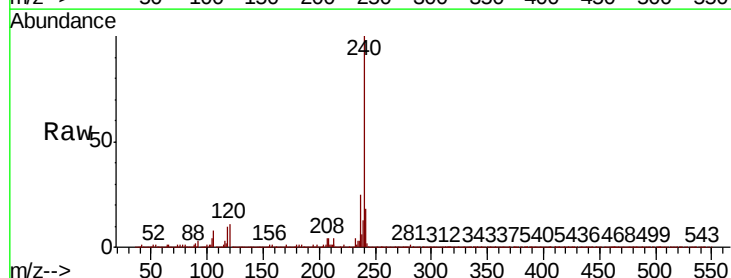
Tgt Ion:240 Resp: 796724

Ion Ratio Lower Upper

240 100

120 10.9 8.6 13.0

236 25.2 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

0

21.09

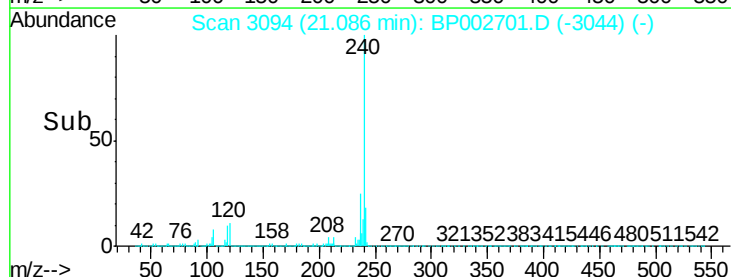
21.00

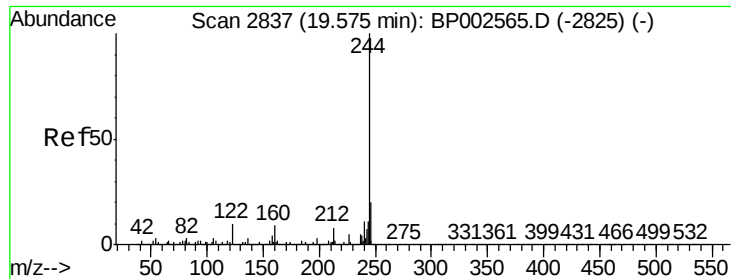
21.10

21.20

21.30

Time-->





#79

Terphenyl-d14

Concen: 80.149 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002701.D

Acq: 09 Jul 2020 17:23

Instrument :

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ClientSampleId :

PB130037BL

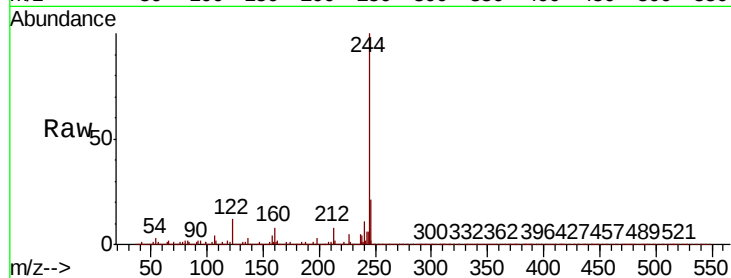
Tot Ion:244 Resp: 2958418

Ion Ratio Lower Upper

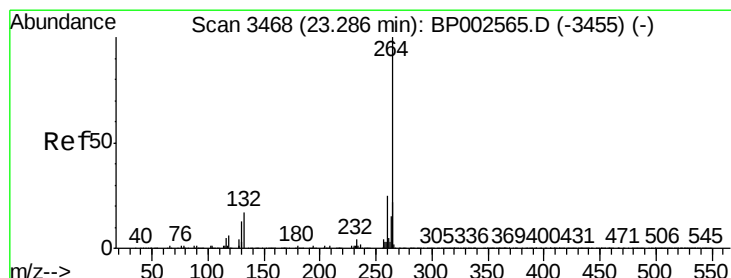
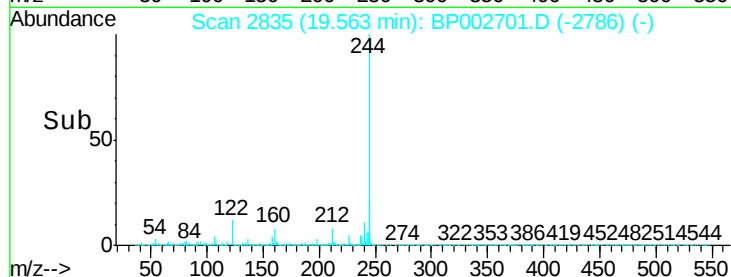
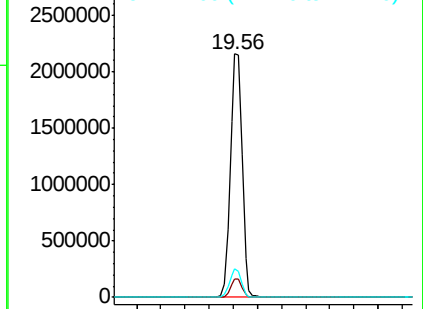
244 100

212 7.7 6.5 9.7

122 11.8 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: BP002701.D

Acq: 09 Jul 2020 17:23

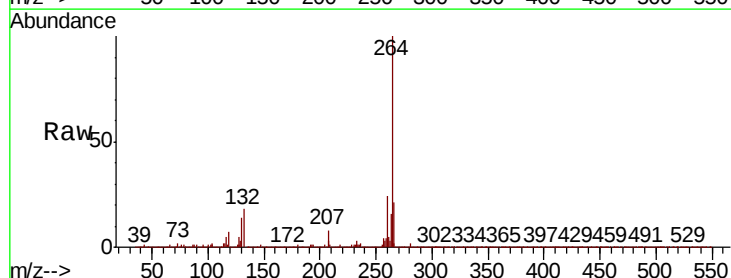
Tgt Ion:264 Resp: 927530

Ion Ratio Lower Upper

264 100

260 24.1 19.7 29.5

265 21.1 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

