

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002688.D
 Acq On : 09 Jul 2020 09:31
 Operator : CG/JU
 Sample : PB130021BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB130021BL

Quant Time: Jul 09 14:12:42 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	197537	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	755123	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	451063	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	936287	20.00	ng	0.00
76) Chrysene-d12	21.09	240	942162	20.00	ng	0.00
86) Perylene-d12	23.29	264	975263	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1471707	126.14	ng	0.00
7) Phenol-d6	6.77	99	1910114	117.30	ng	0.00
23) Nitrobenzene-d5	8.72	82	1277638	87.18	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	646288	117.80	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	2615011	85.33	ng	0.00
79) Terphenyl-d14	19.57	244	3668710	84.05	ng	0.00

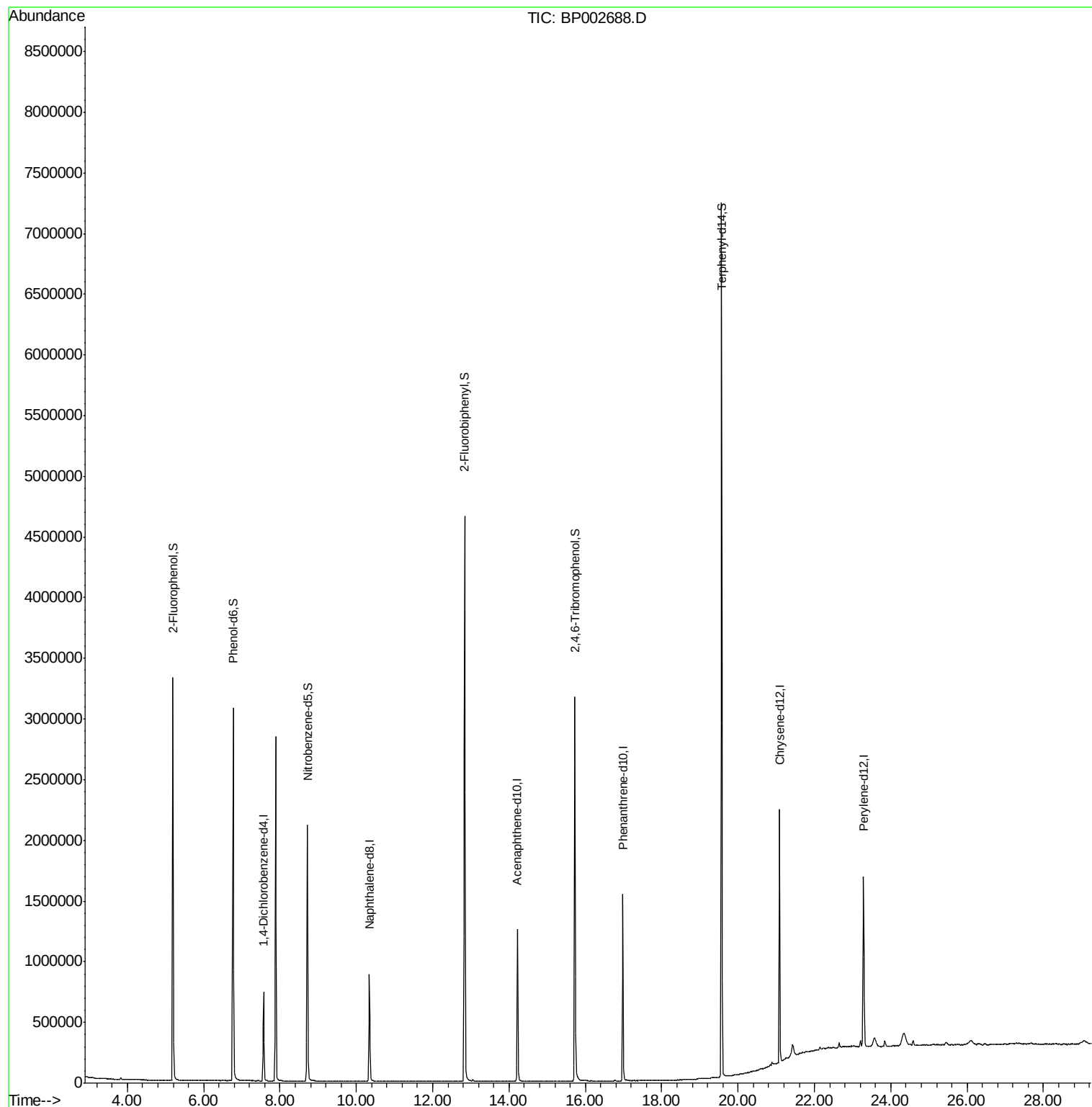
Target Compounds Qvalue

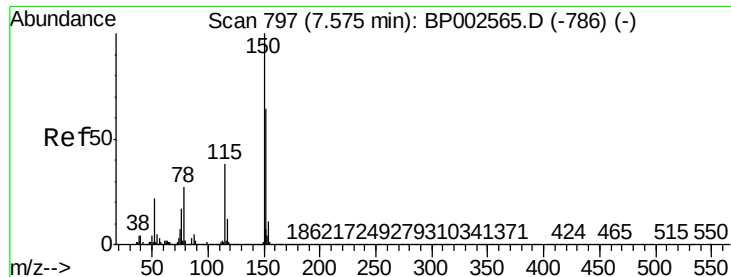
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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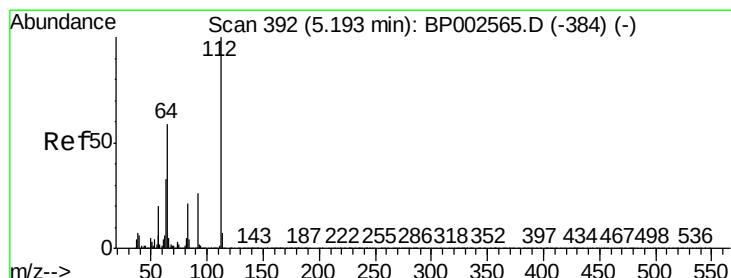
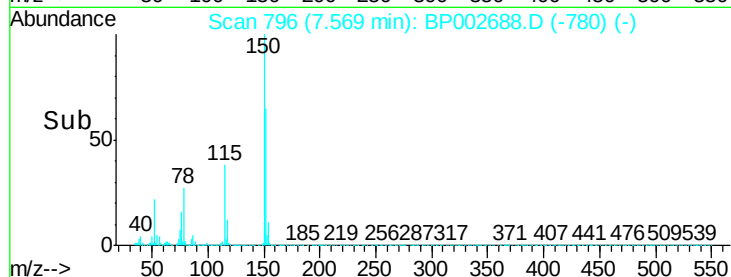
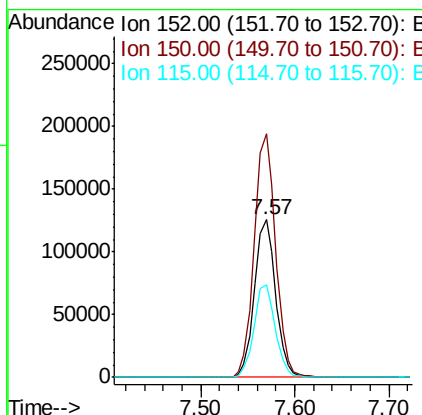
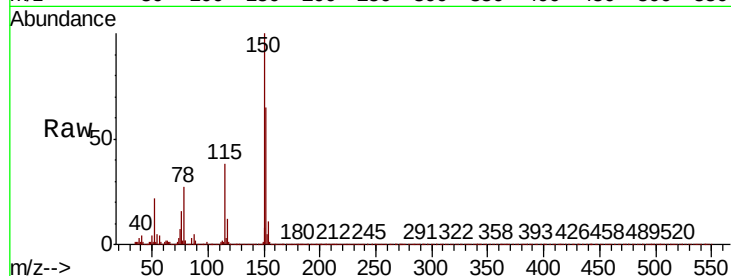


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002688.D
Acq: 09 Jul 2020 09:31

Instrument :
BNA_P
ClientSampleId :
PB130021BL

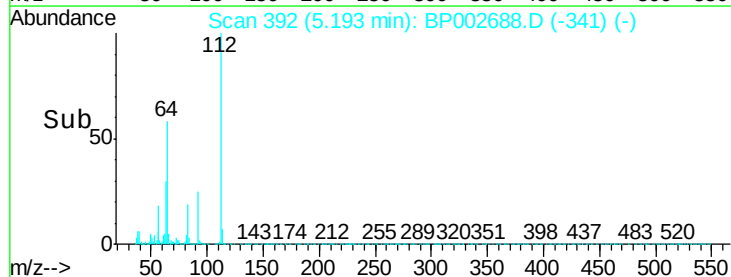
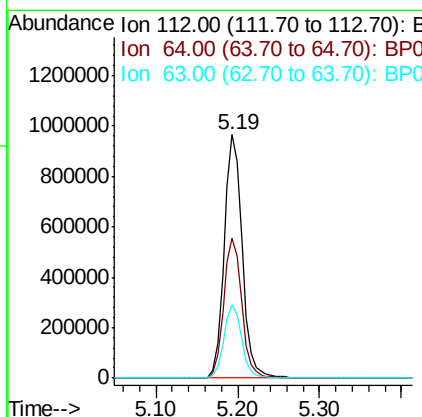
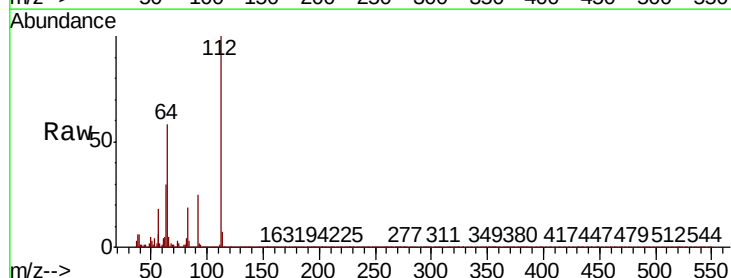
Tot Ion	152	Resp	197537
Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.2	186.2
115	59.0	47.1	70.7

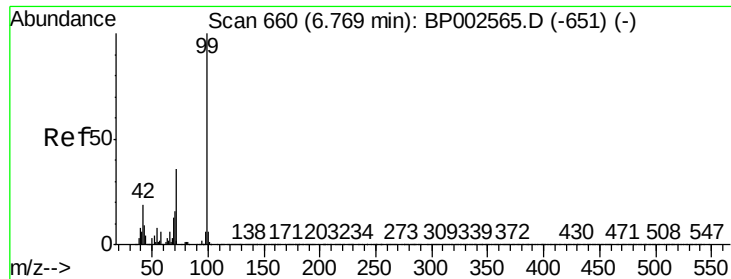


#5

2-Fluorophenol
Concen: 126.142 ng
RT: 5.19 min Scan# 392
Delta R.T. 0.00 min
Lab File: BP002688.D
Acq: 09 Jul 2020 09:31

Tgt Ion	112	Resp	1471707
Ion	Ratio	Lower	Upper
112	100		
64	57.6	47.0	70.6
63	30.2	26.1	39.1





#7

Phenol-d6

Concen: 117.298 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

Instrument :

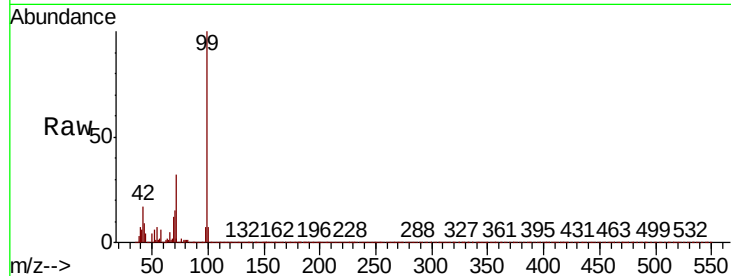
BNA_P

ClientSampleId :

PB130021BL

Tot Ion: 99 Resp: 1910114

Ion	Ratio	Lower	Upper
99	100		
42	17.5	15.5	23.3
71	32.1	28.9	43.3

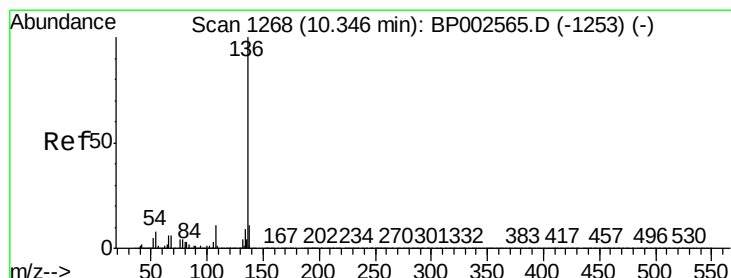
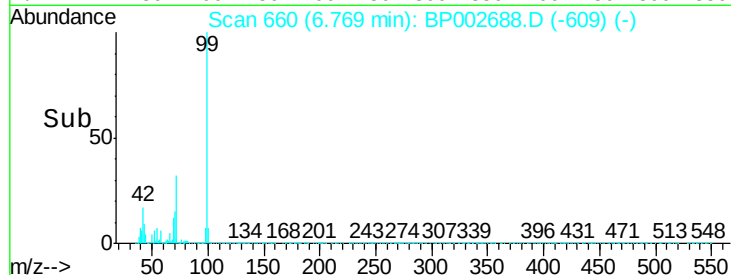
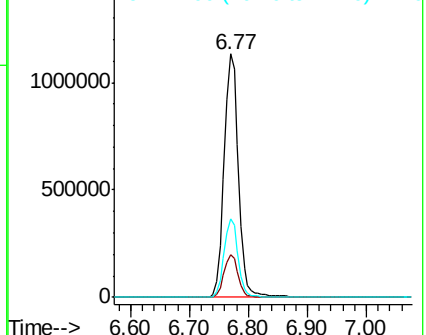


Abundance

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: 10.34 min Scan# 1267

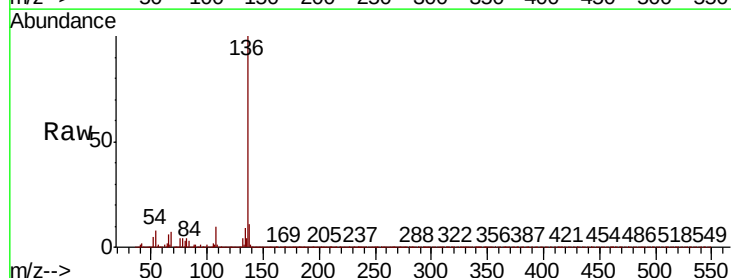
Delta R.T. -0.01 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

Tgt Ion: 136 Resp: 755123

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	8.5	6.4	9.6
68	7.2	5.1	7.7



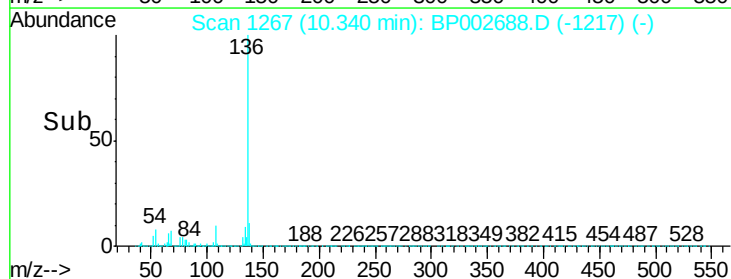
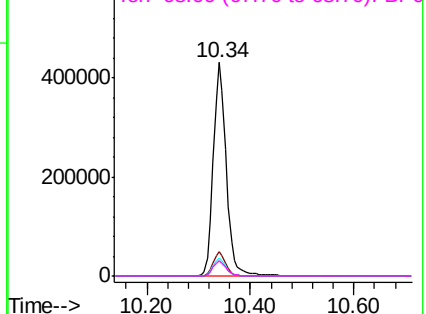
Abundance

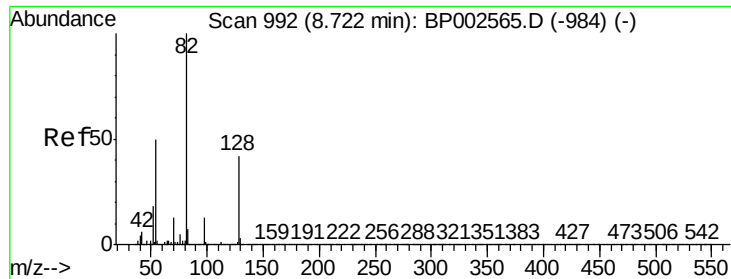
Ion 136.00 (135.70 to 136.70): E

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



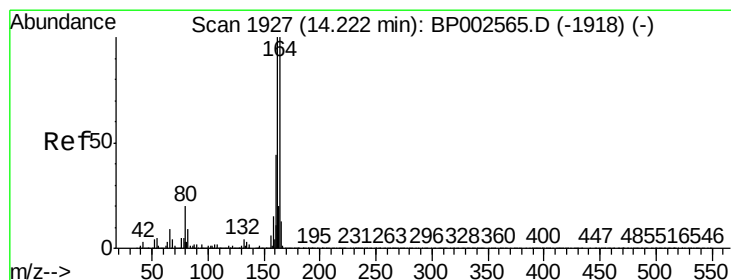
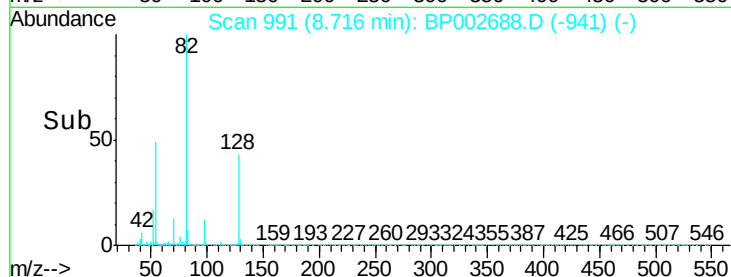
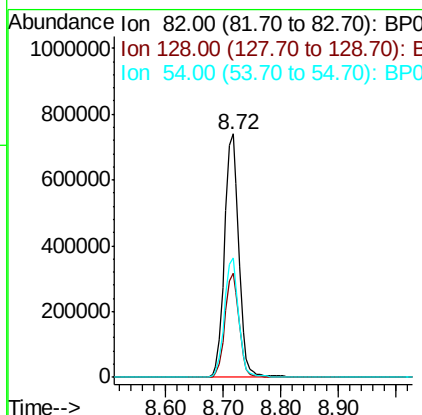
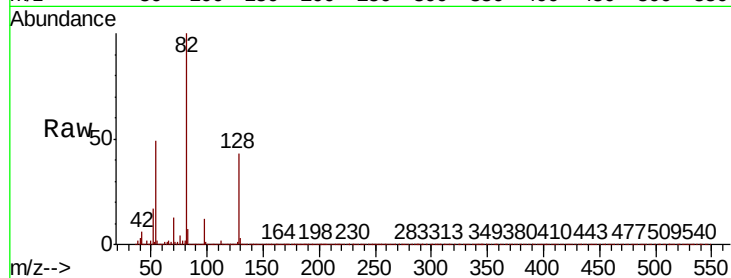


#23
 Nitrobenzene-d5
 Concen: 87.179 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002688.D
 Acq: 09 Jul 2020 09:31

Instrument :
 BNA_P
 ClientSampleId :
 PB130021BL

Tot Ion: 82 Resp: 1277638

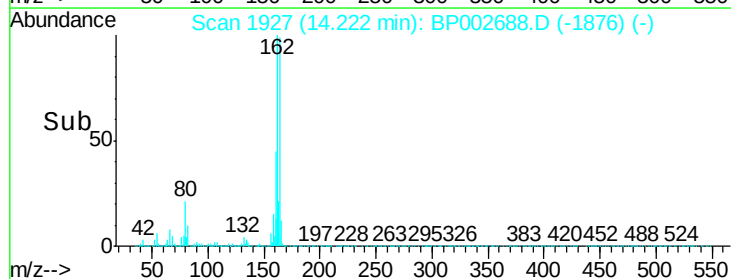
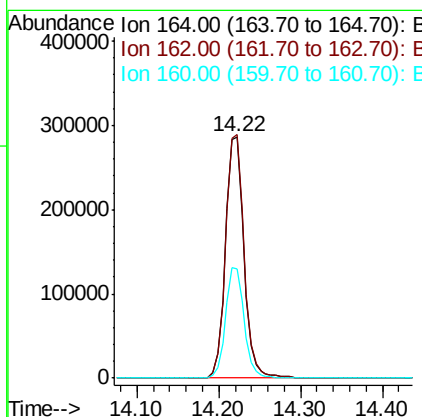
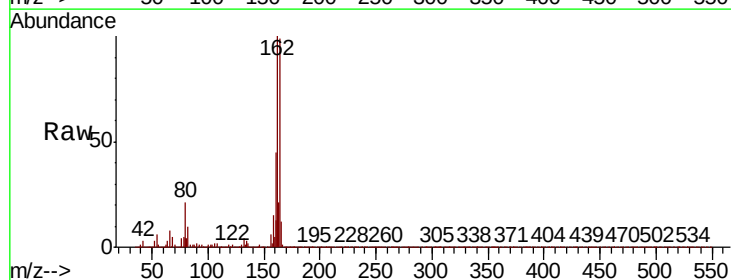
Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.4	50.2
54	49.0	40.1	60.1

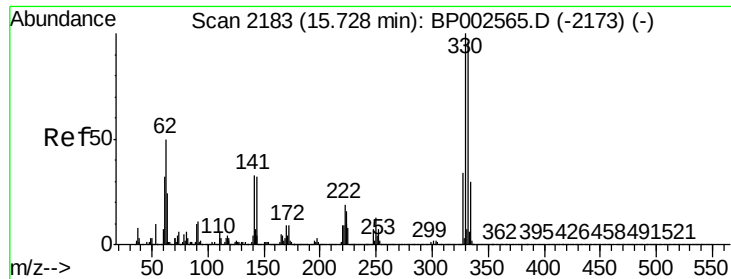


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BP002688.D
 Acq: 09 Jul 2020 09:31

Tgt Ion: 164 Resp: 451063

Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.3	120.5
160	45.0	35.0	52.6

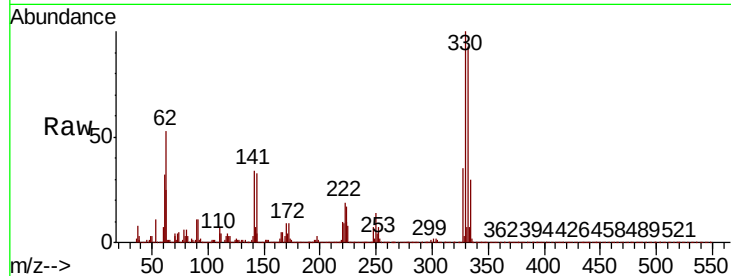




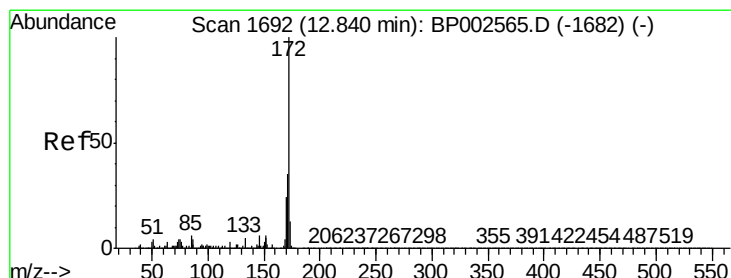
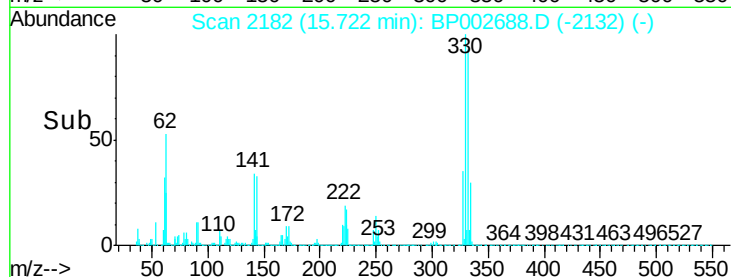
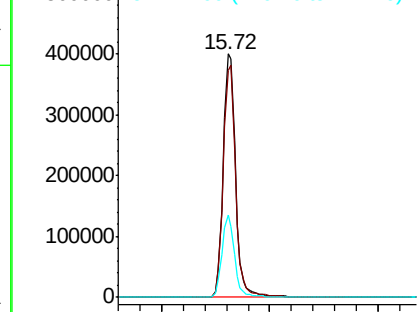
#42
 2,4,6-Tribromophenol
 Concen: 117.803 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002688.D
 Acq: 09 Jul 2020 09:31

Instrument :
 BNA_P
 ClientSampleId :
 PB130021BL

Tot Ion:330 Resp: 646288
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.7 116.5
 141 34.5 29.0 43.6

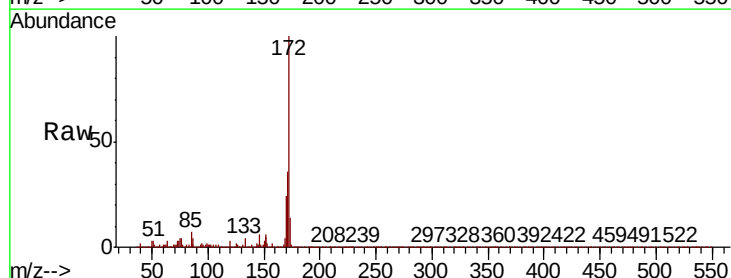


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

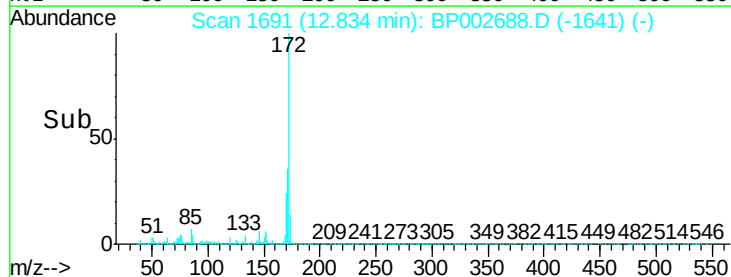
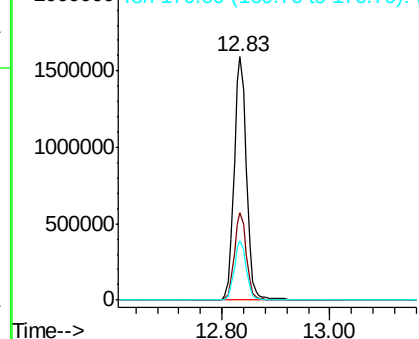


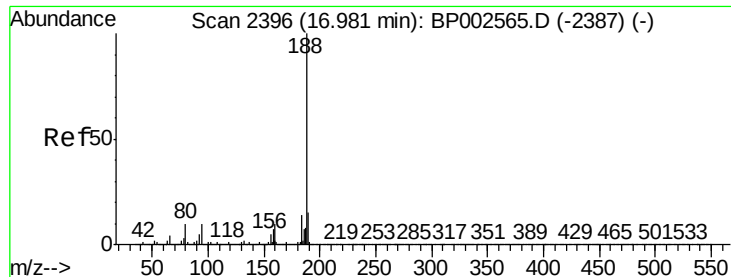
#45
 2-Fluorobiphenyl
 Concen: 85.329 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002688.D
 Acq: 09 Jul 2020 09:31

Tgt Ion:172 Resp: 2615011
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.0 42.0
 170 24.3 19.0 28.4



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: 16.98 min Scan# 2396

Delta R.T. 0.00 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB130021BL

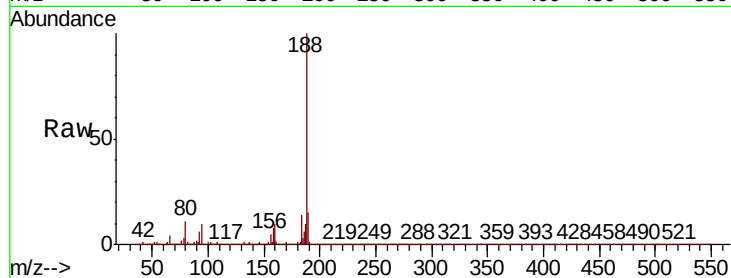
Tot Ion:188 Resp: 936287

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

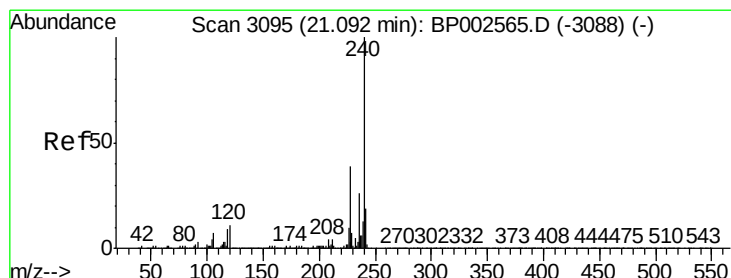
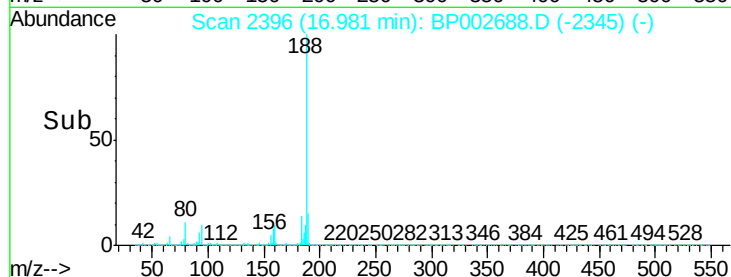
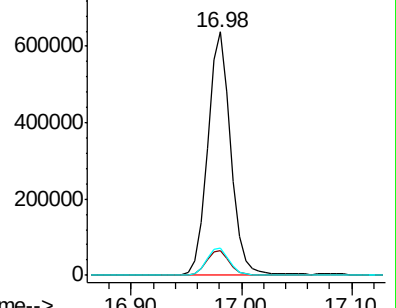
80 11.2 8.2 12.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

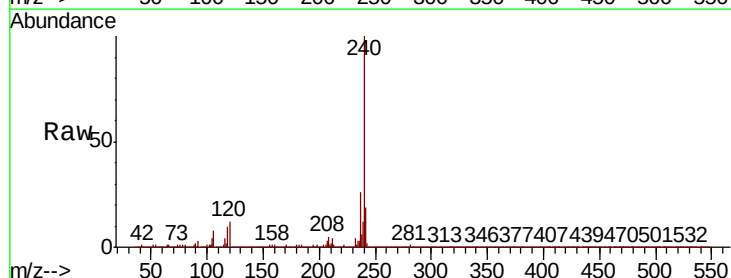
Tgt Ion:240 Resp: 942162

Ion Ratio Lower Upper

240 100

120 11.5 8.6 13.0

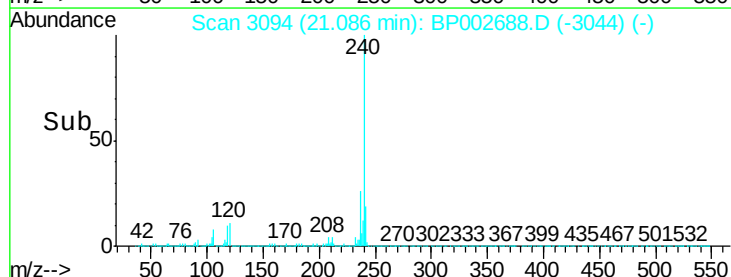
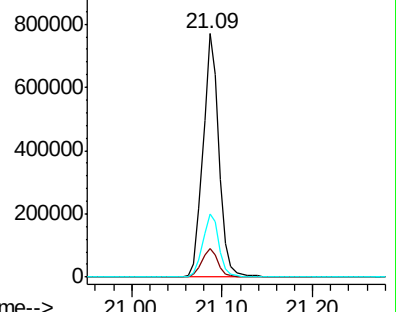
236 25.9 20.8 31.2

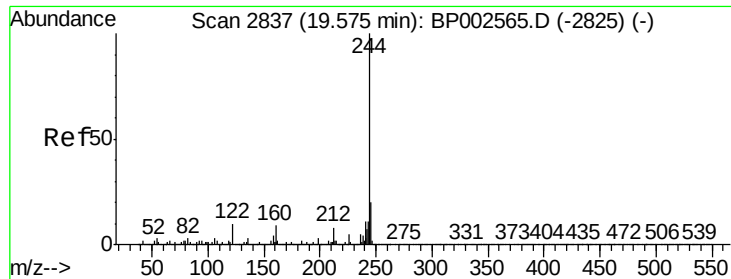


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.050 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

Instrument :

BNA_P

ClientSampleId :

PB130021BL

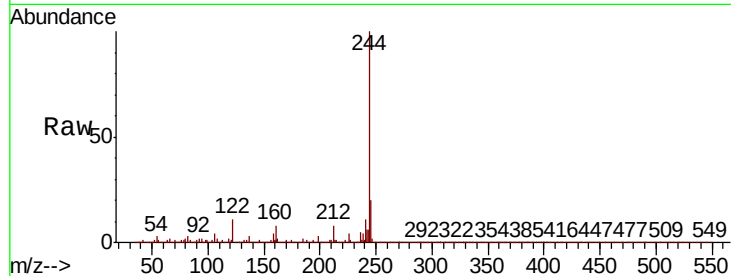
Tot Ion:244 Resp: 3668710

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

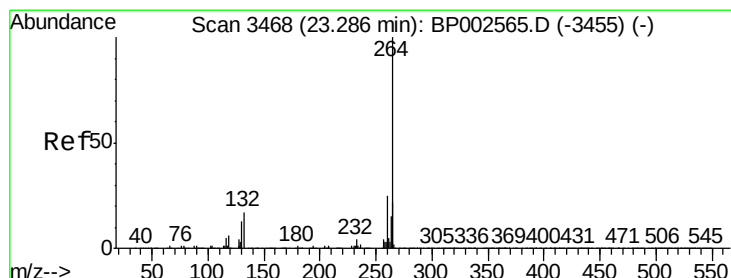
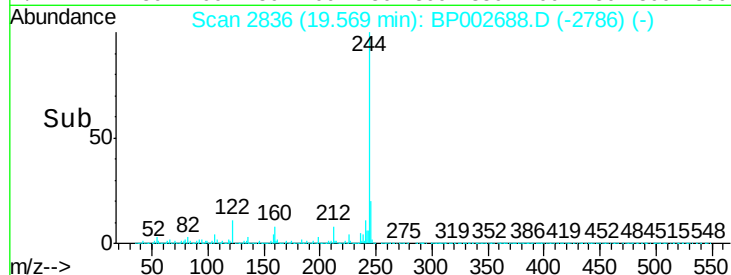
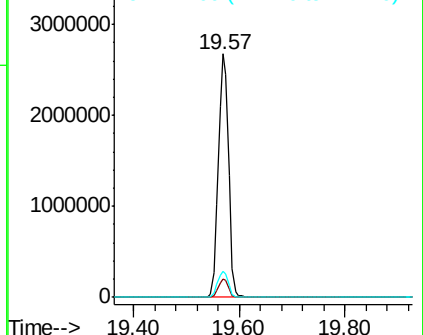
122 10.6 7.9 11.9



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: 23.29 min Scan# 3468

Delta R.T. 0.00 min

Lab File: BP002688.D

Acq: 09 Jul 2020 09:31

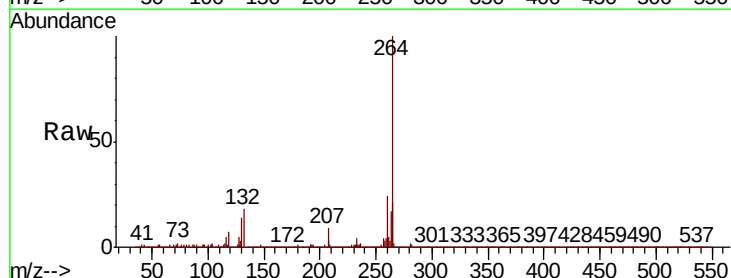
Tgt Ion:264 Resp: 975263

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.4 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

