

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070920\
 Data File : BP002713.D
 Acq On : 10 Jul 2020 00:11
 Operator : CG/JU
 Sample : L3186-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-02-070820

Quant Time: Jul 10 01:35:12 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	7.56	152	55889	20.00	ng	-0.01
21) Naphthalene-d8	10.34	136	259809	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	185193	20.00	ng	0.00
64) Phenanthrene-d10	16.97	188	482437	20.00	ng	0.00
76) Chrysene-d12	21.08	240	687279	20.00	ng	-0.01
86) Perylene-d12	23.27	264	880657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	475844	144.15	ng	0.00
7) Phenol-d6	6.77	99	645909	140.19	ng	0.00
23) Nitrobenzene-d5	8.71	82	481593	95.51	ng	-0.01
42) 2,4,6-Tribromophenol	15.72	330	385577	171.18	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	1170872	93.06	ng	-0.01
79) Terphenyl-d14	19.56	244	2616168	82.16	ng	-0.01

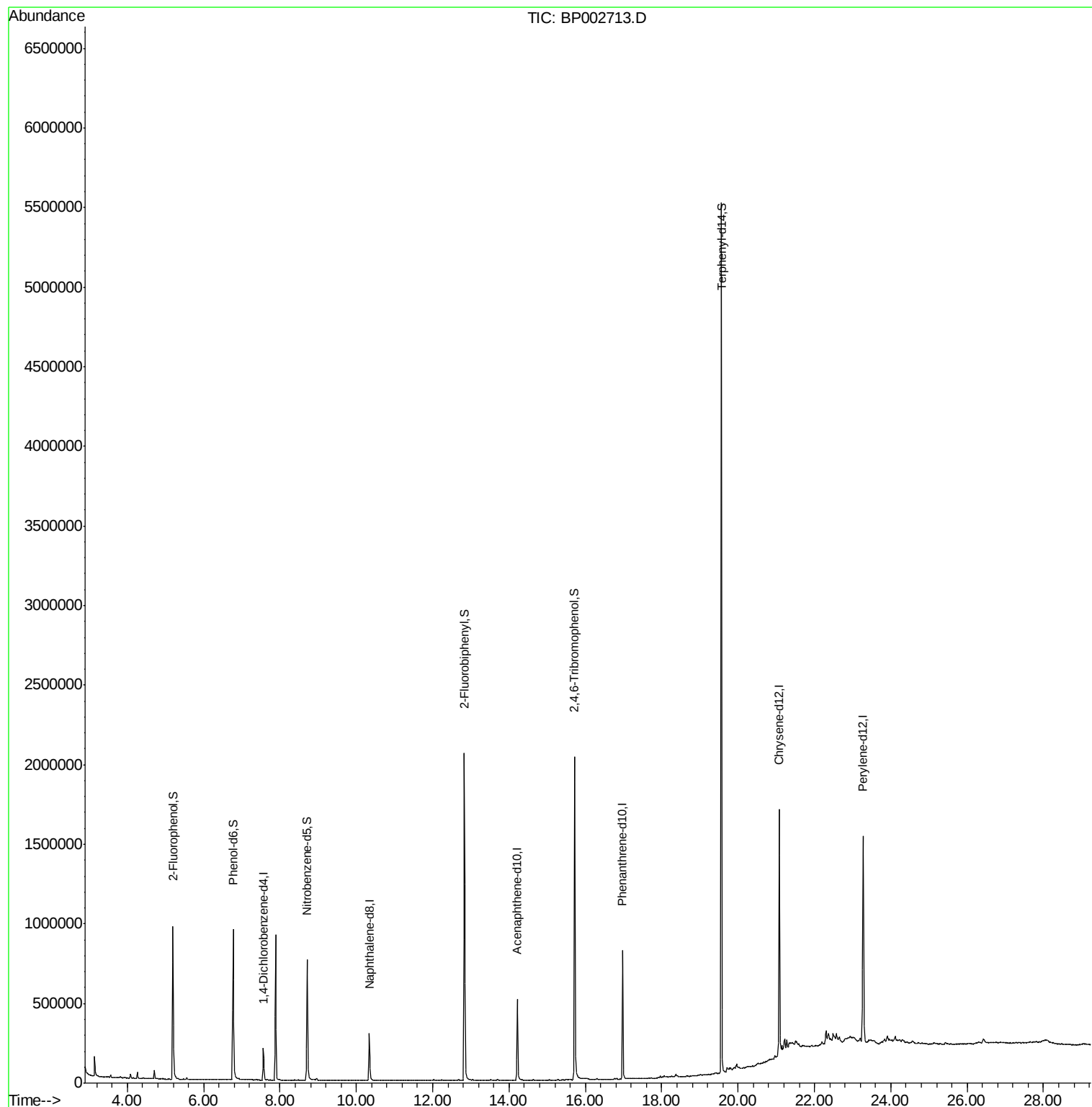
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.56 min Scan# 795

Delta R.T. -0.01 min

Lab File: BP002713.D

Acq: 10 Jul 2020 00:11

Instrument :

BNA_P

ClientSampleId :

OR-02-070820

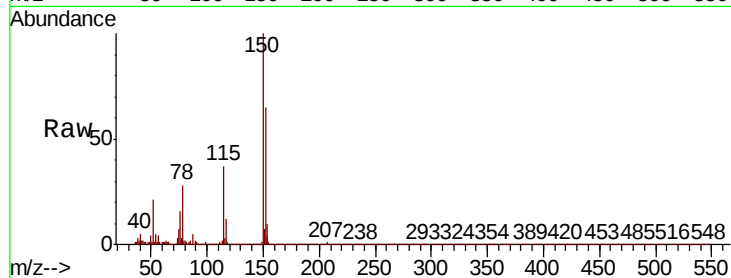
Tot Ion:152 Resp: 55889

Ion Ratio Lower Upper

152 100

150 153.3 124.2 186.2

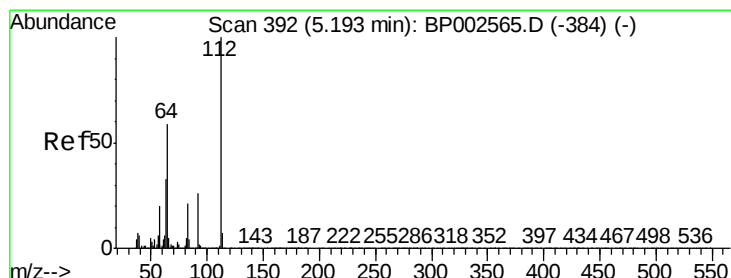
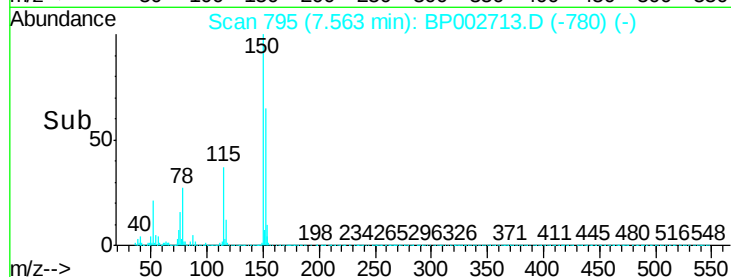
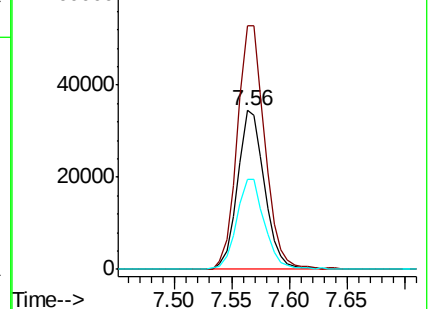
115 56.5 47.1 70.7



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: 144.153 ng

RT: 5.19 min Scan# 392

Delta R.T. -0.00 min

Lab File: BP002713.D

Acq: 10 Jul 2020 00:11

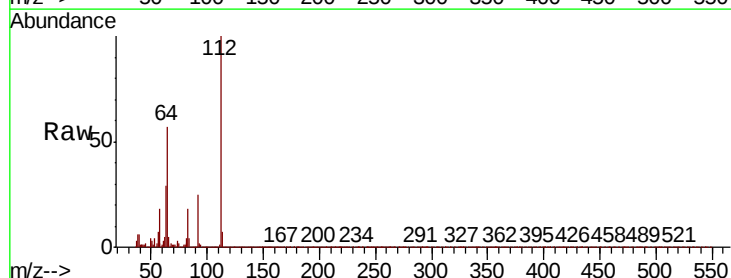
Tgt Ion:112 Resp: 475844

Ion Ratio Lower Upper

112 100

64 57.4 47.0 70.6

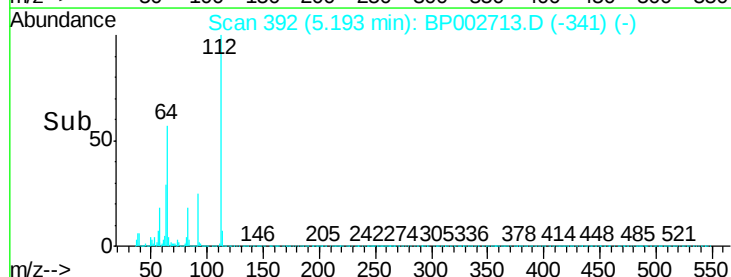
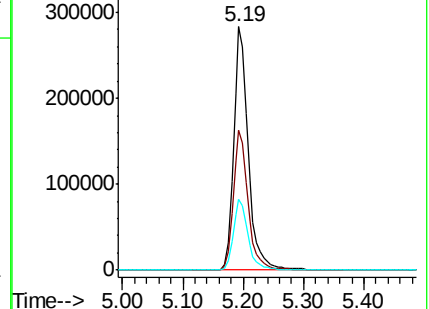
63 29.3 26.1 39.1

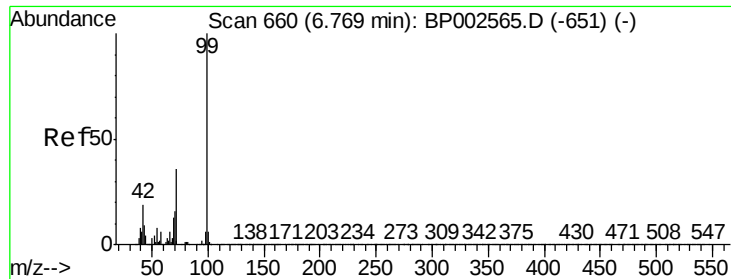


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 140.193 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002713.D

Acq: 10 Jul 2020 00:11

Instrument :

BNA_P

ClientSampleId :

OR-02-070820

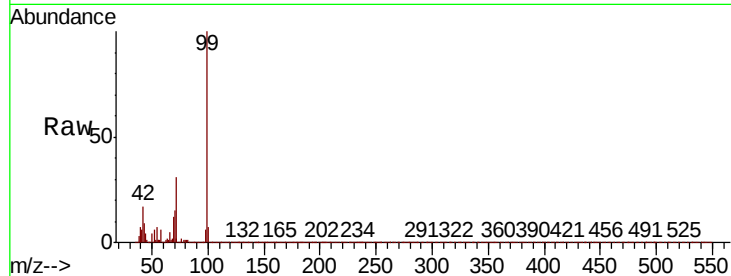
Tot Ion: 99 Resp: 645909

Ion Ratio Lower Upper

99 100

42 17.3 15.5 23.3

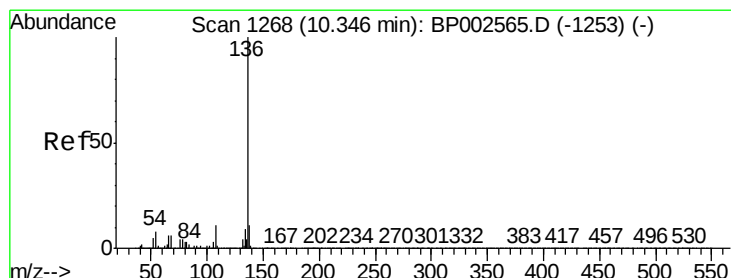
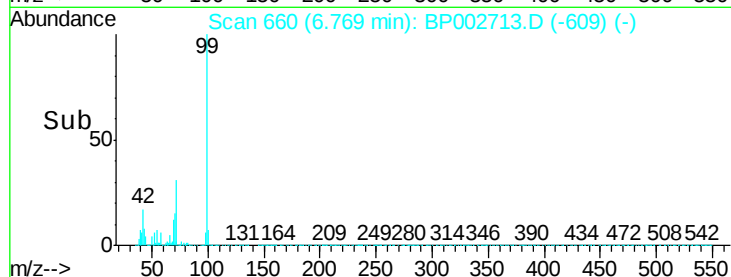
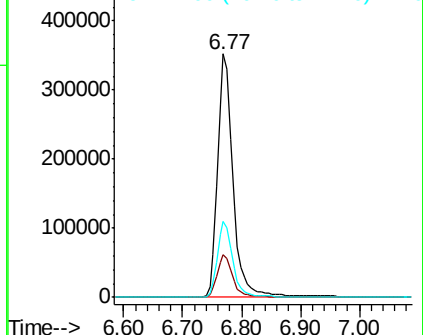
71 31.2 28.9 43.3



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: BP002713.D

Acq: 10 Jul 2020 00:11

Tgt Ion: 136 Resp: 259809

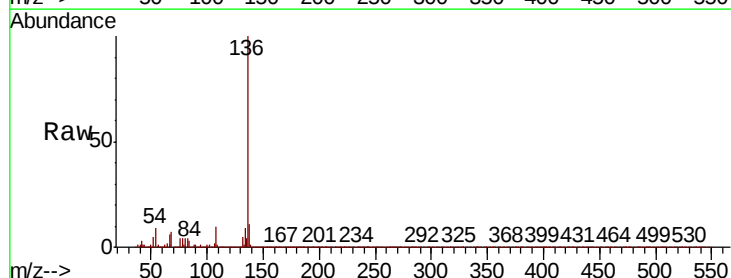
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.9 6.4 9.6

68 6.7 5.1 7.7

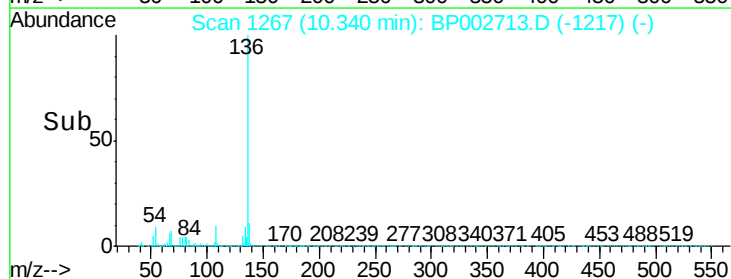
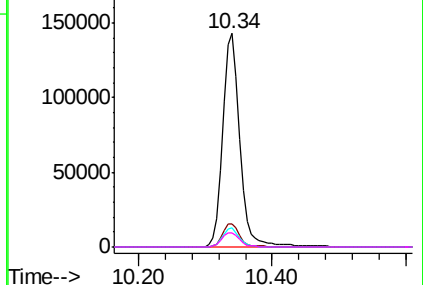


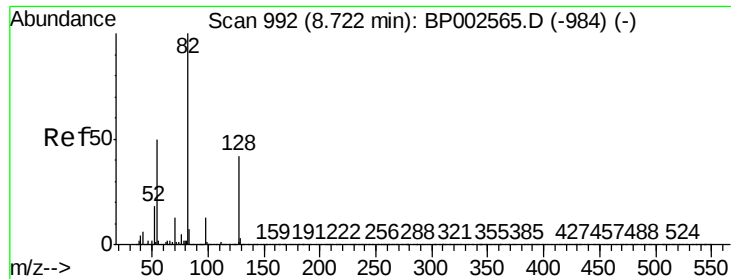
Abundance Ion 136.00 (135.70 to 136.70): E

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

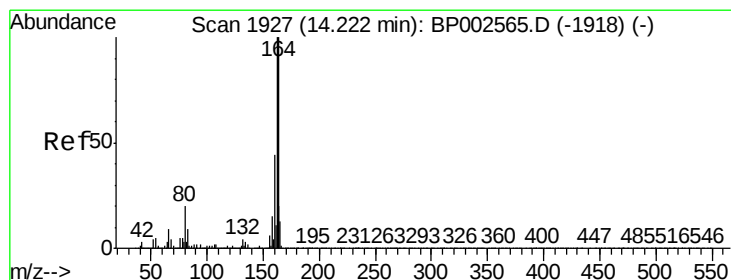
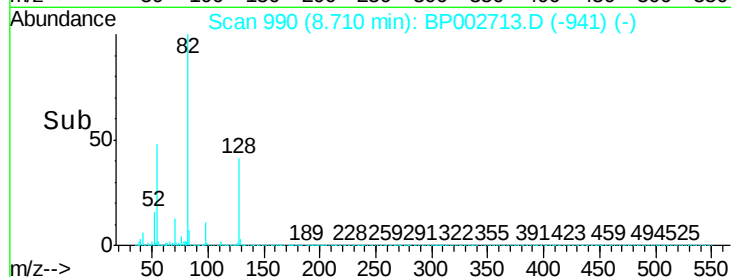
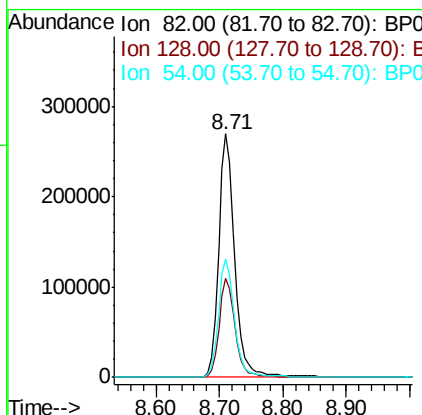
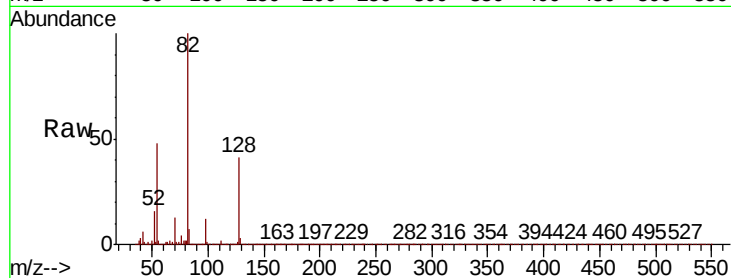




#23
 Nitrobenzene-d5
 Concen: 95.509 ng
 RT: 8.71 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BP002713.D
 Acq: 10 Jul 2020 00:11

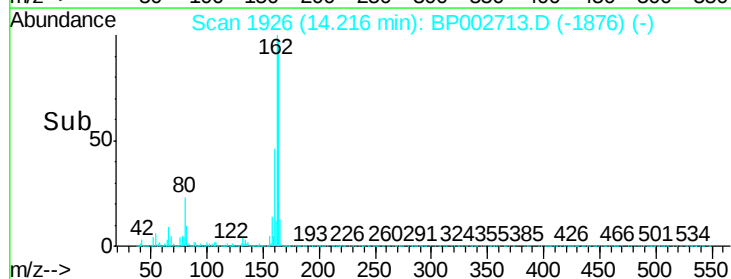
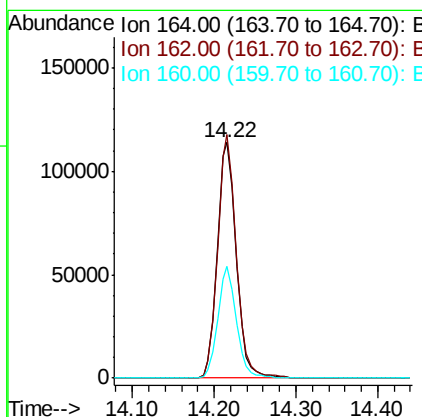
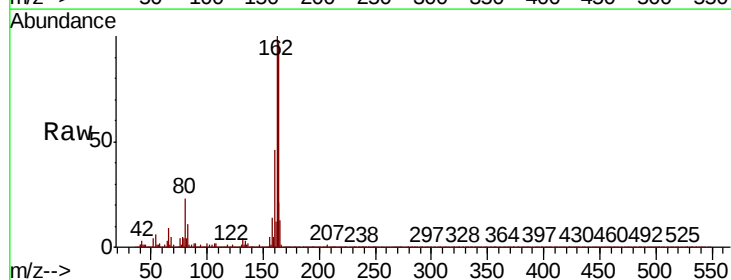
Instrument :
 BNA_P
 ClientSampleId :
 OR-02-070820

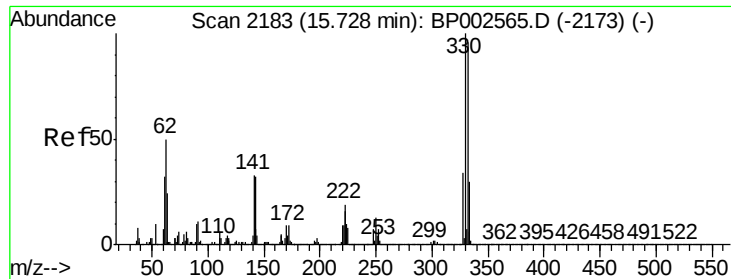
Tot Ion	82	Resp	481593
Ion Ratio	Lower	Upper	
82	100		
128	40.8	33.4	50.2
54	48.3	40.1	60.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1926
 Delta R.T. -0.01 min
 Lab File: BP002713.D
 Acq: 10 Jul 2020 00:11

Tgt Ion	164	Resp	185193
Ion Ratio	Lower	Upper	
164	100		
162	103.4	80.3	120.5
160	47.3	35.0	52.6

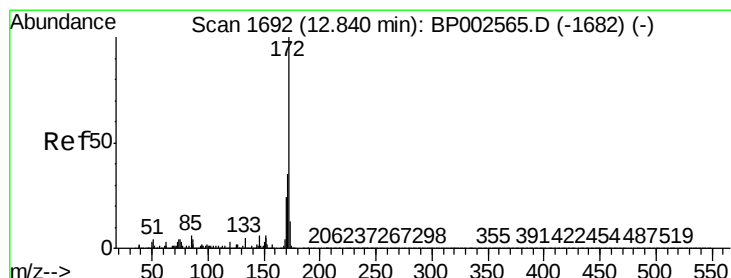
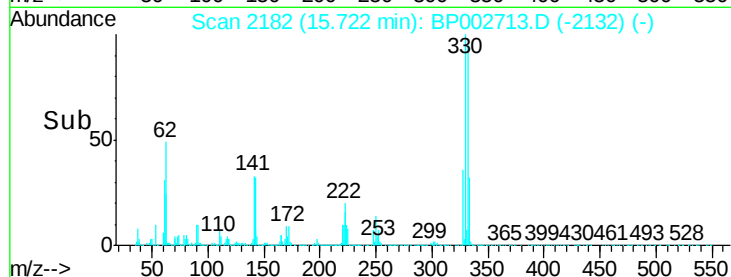
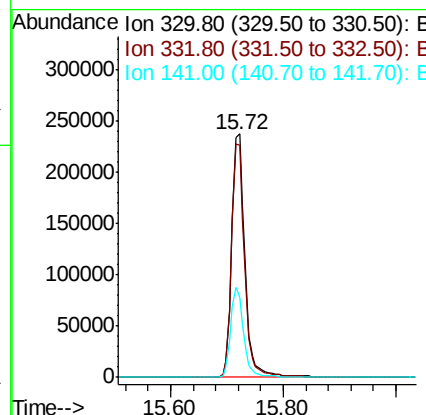
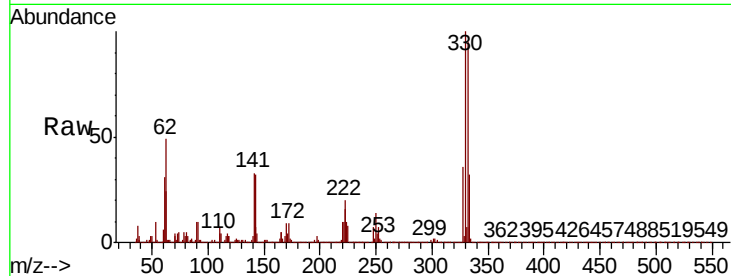




#42
 2,4,6-Tribromophenol
 Concen: 171.180 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002713.D
 Acq: 10 Jul 2020 00:11

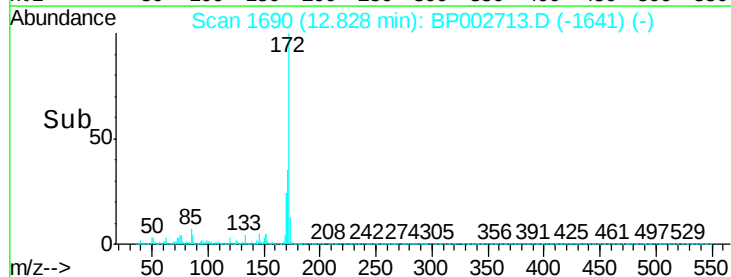
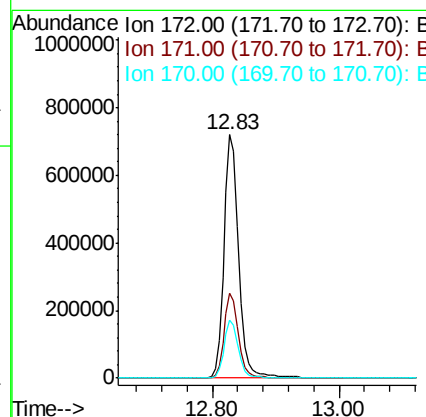
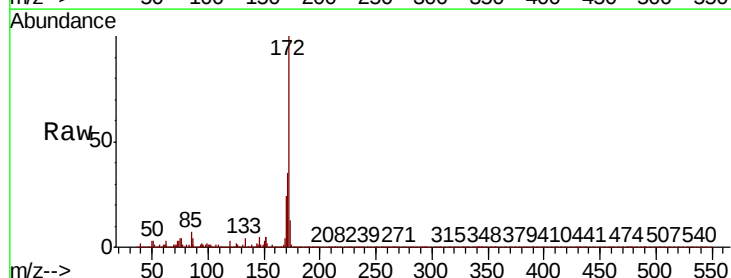
Instrument :
 BNA_P
 ClientSampleId :
 OR-02-070820

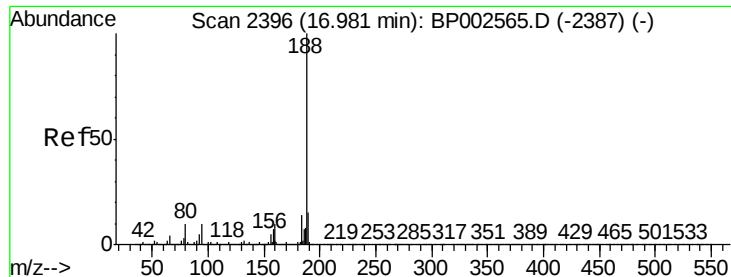
Tot Ion:330 Resp: 385577
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.7 116.5
 141 36.6 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 93.056 ng
 RT: 12.83 min Scan# 1690
 Delta R.T. -0.01 min
 Lab File: BP002713.D
 Acq: 10 Jul 2020 00:11

Tgt Ion:172 Resp: 1170872
 Ion Ratio Lower Upper
 172 100
 171 34.9 28.0 42.0
 170 23.6 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: BP002713.D

Acq: 10 Jul 2020 00:11

Instrument :

BNA_P

ClientSampleId :

OR-02-070820

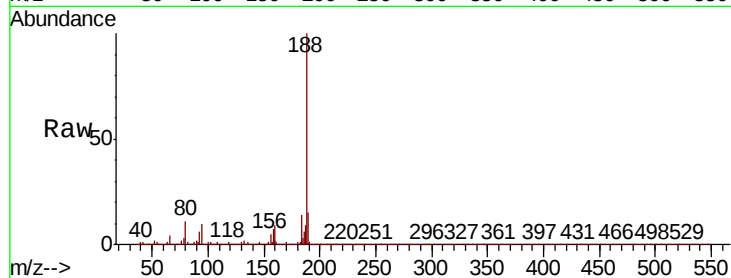
Tot Ion:188 Resp: 482437

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

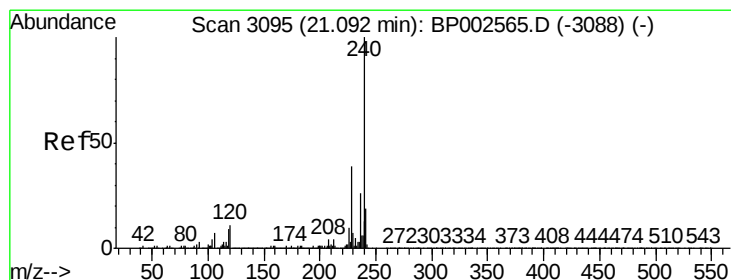
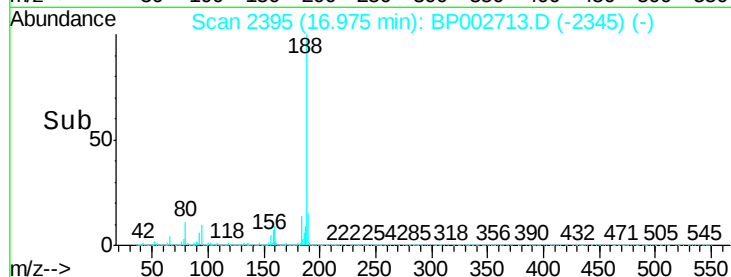
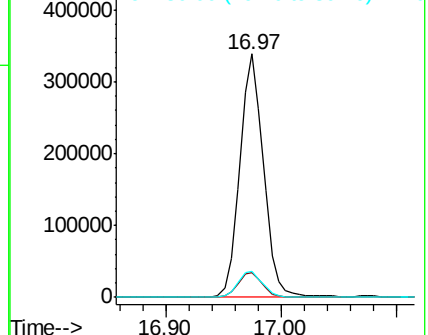
80 10.9 8.2 12.4



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: 21.08 min Scan# 3093

Delta R.T. -0.01 min

Lab File: BP002713.D

Acq: 10 Jul 2020 00:11

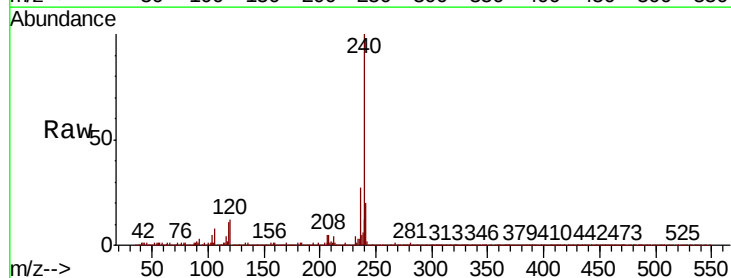
Tgt Ion:240 Resp: 687279

Ion Ratio Lower Upper

240 100

120 12.2 8.6 13.0

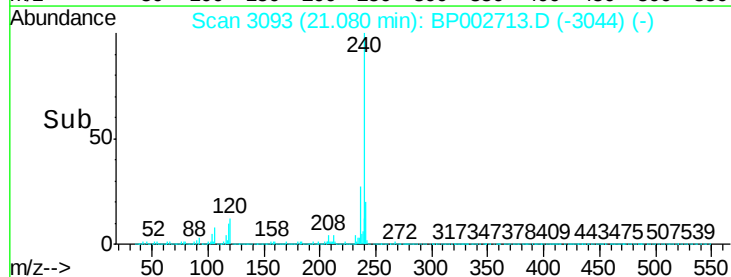
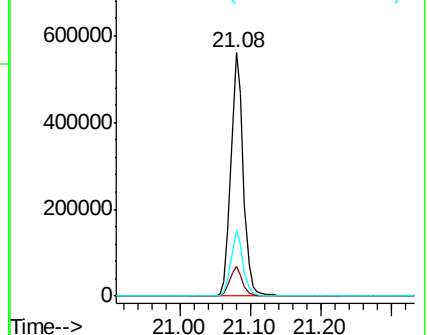
236 27.2 20.8 31.2

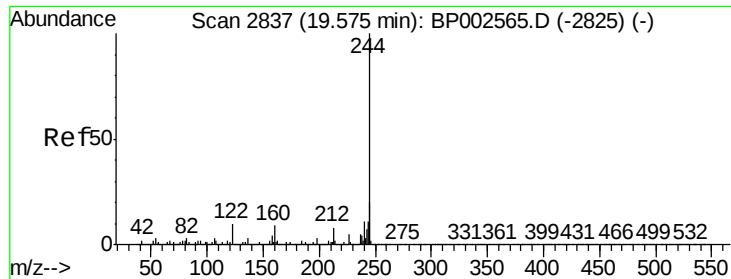


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.164 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002713.D

Acq: 10 Jul 2020 00:11

Instrument :

BNA_P

ClientSampleId :

OR-02-070820

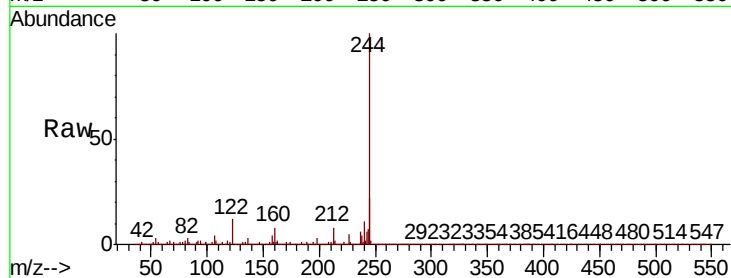
Tot Ion:244 Resp: 2616168

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

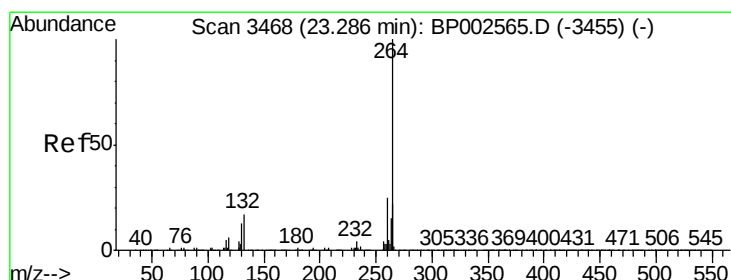
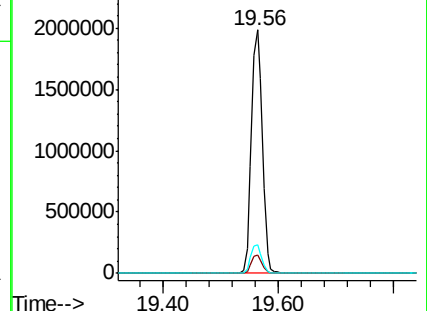
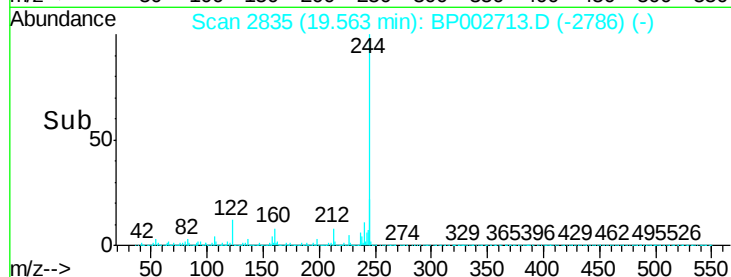
122 12.0 7.9 11.9#



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: 23.27 min Scan# 3466

Delta R.T. -0.01 min

Lab File: BP002713.D

Acq: 10 Jul 2020 00:11

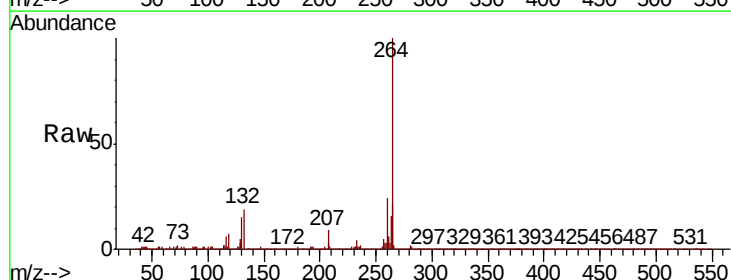
Tgt Ion:264 Resp: 880657

Ion Ratio Lower Upper

264 100

260 24.4 19.7 29.5

265 21.6 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

