

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070720\
 Data File : BP002665.D
 Acq On : 07 Jul 2020 19:13
 Operator : CG/JU
 Sample : L3205-03 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 VNJ-214

Quant Time: Jul 08 02:01:28 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	236561	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	945132	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	580448	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1121067	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1257488	20.00	ng	0.00
86) Perylene-d12	23.28	264	1364086	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	48389	3.46	ng	0.00
7) Phenol-d6	6.77	99	63145	3.24	ng	0.00
23) Nitrobenzene-d5	8.72	82	34269	1.87	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	25574	3.62	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	106499	2.70	ng	0.00
79) Terphenyl-d14	19.56	244	164799	2.83	ng	-0.01

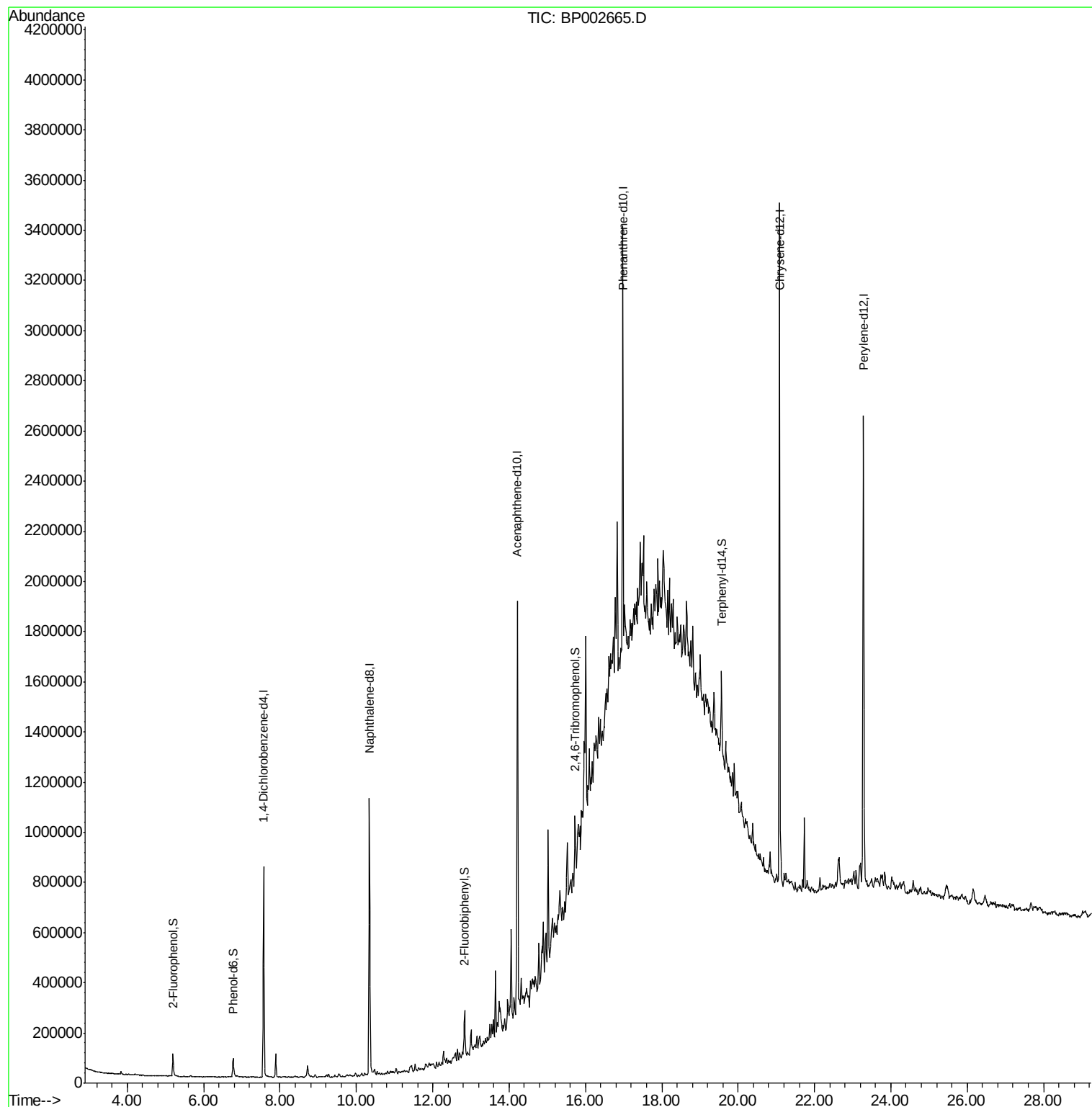
Target Compounds Qvalue

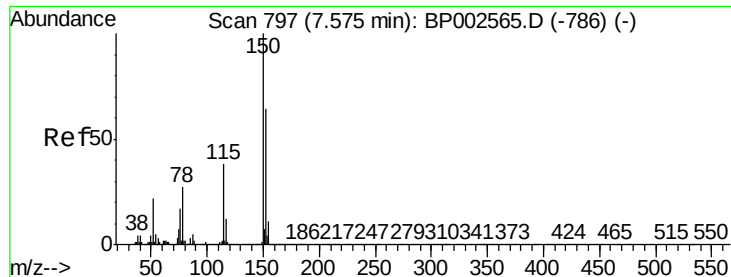
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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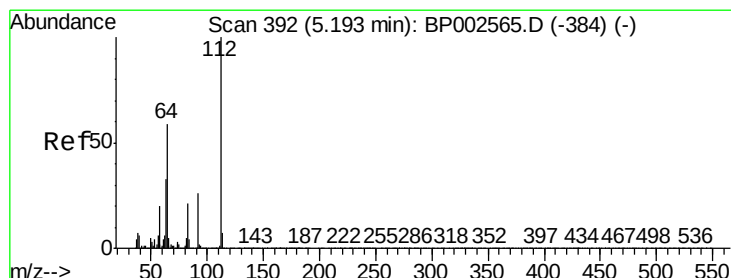
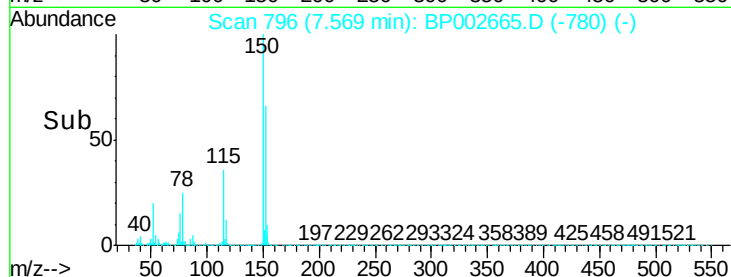
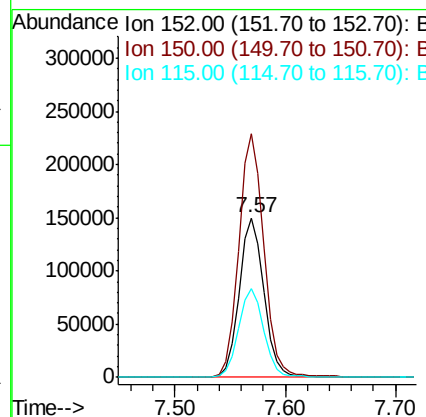
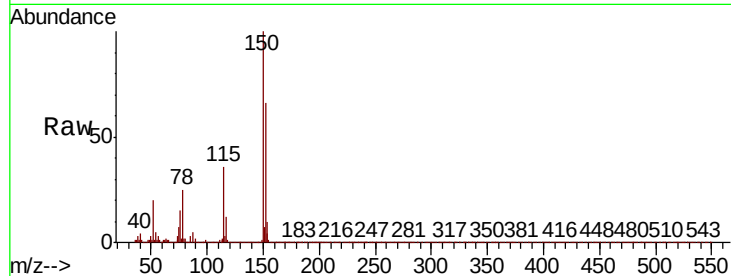




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BP002665.D
 Acq: 07 Jul 2020 19:13

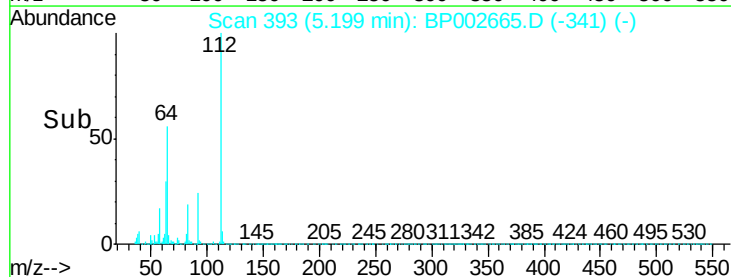
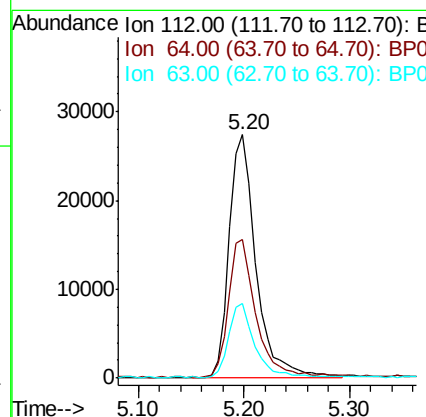
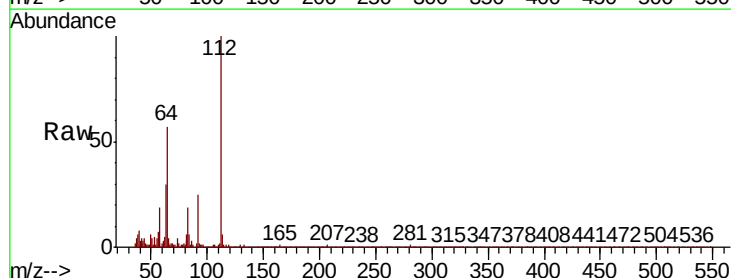
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-214

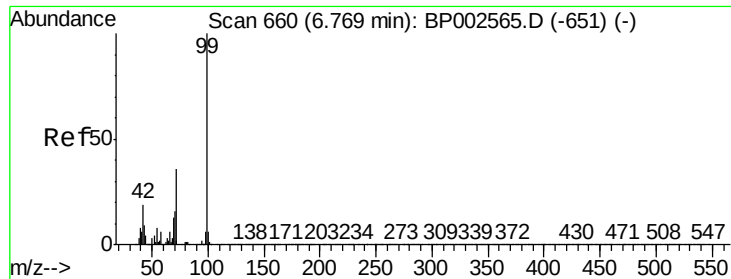
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.4	124.2	186.2
115	55.3	47.1	70.7



#5
 2-Fluorophenol
 Concen: 3.463 ng
 RT: 5.20 min Scan# 393
 Delta R.T. 0.01 min
 Lab File: BP002665.D
 Acq: 07 Jul 2020 19:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.8	47.0	70.6
63	30.4	26.1	39.1





#7

Phenol-d6

Concen: 3.238 ng

RT: 6.77 min Scan# 661

Delta R.T. 0.01 min

Lab File: BP002665.D

Acq: 07 Jul 2020 19:13

Instrument :

BNA_P

ClientSampleId :

VNJ-214

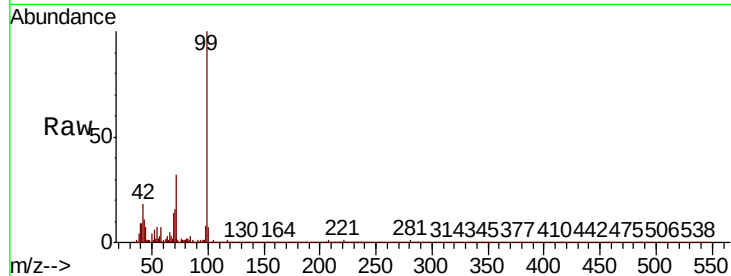
Tot Ion: 99 Resp: 63145

Ion Ratio Lower Upper

99 100

42 17.9 15.5 23.3

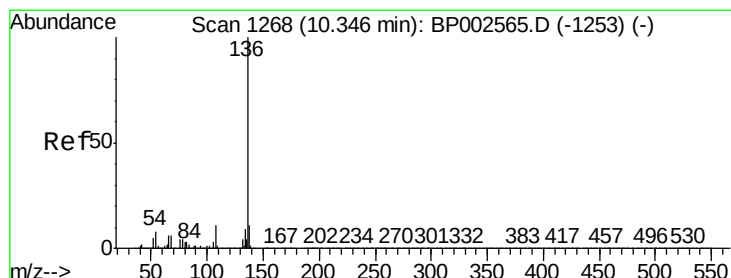
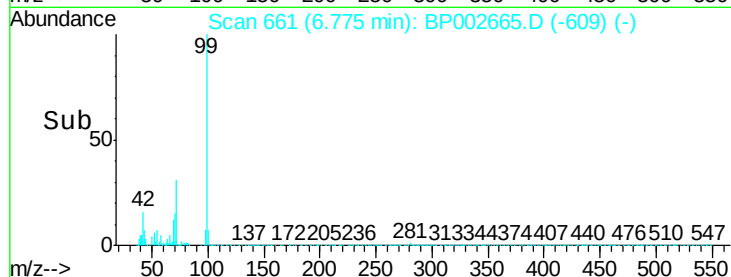
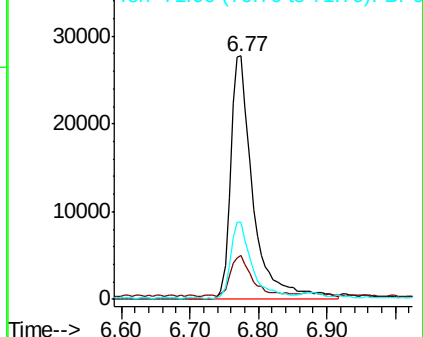
71 31.9 28.9 43.3



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: BP002665.D

Acq: 07 Jul 2020 19:13

Tgt Ion: 136 Resp: 945132

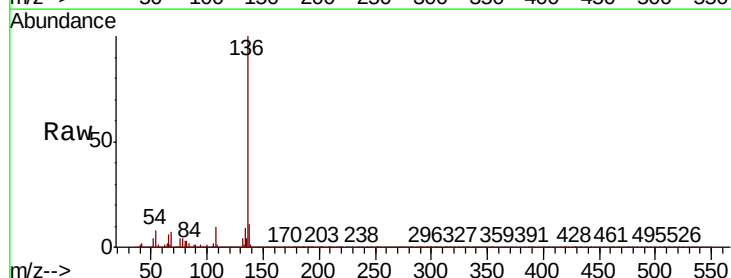
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 7.8 6.4 9.6

68 6.6 5.1 7.7

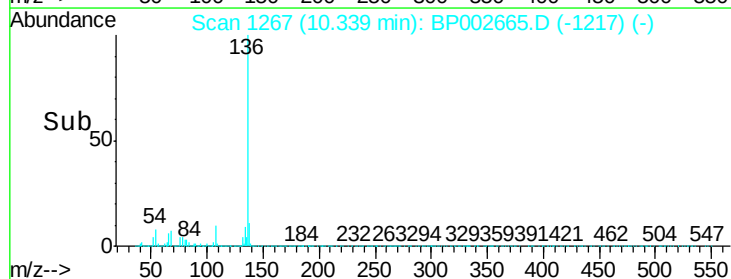
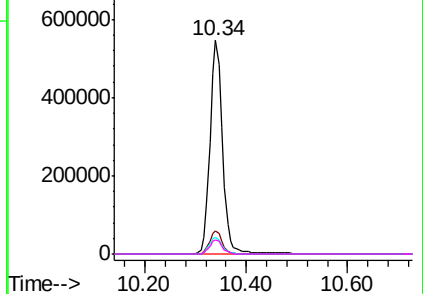


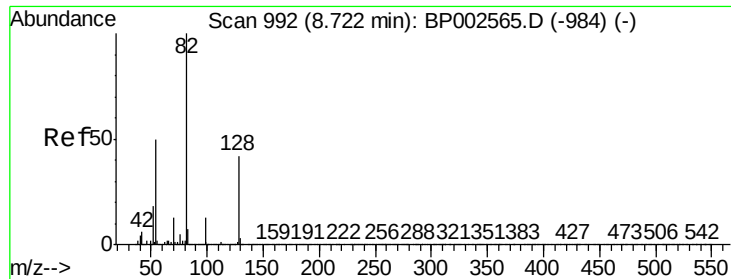
Abundance Ion 136.00 (135.70 to 136.70): E

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

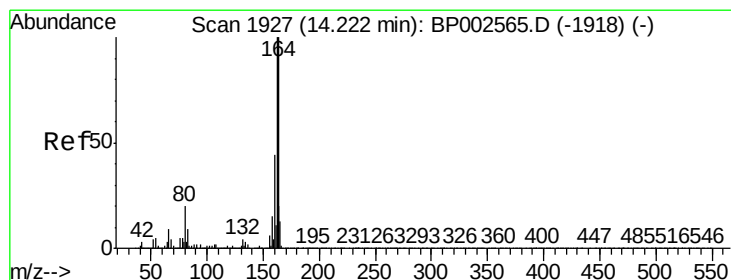
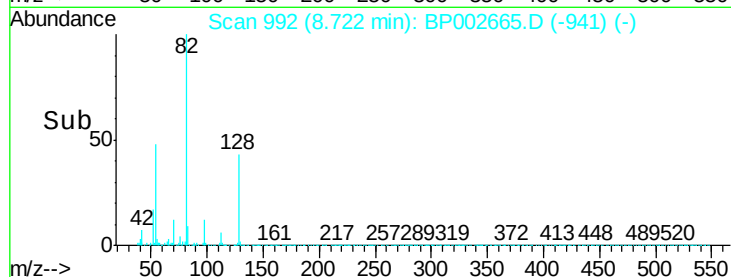
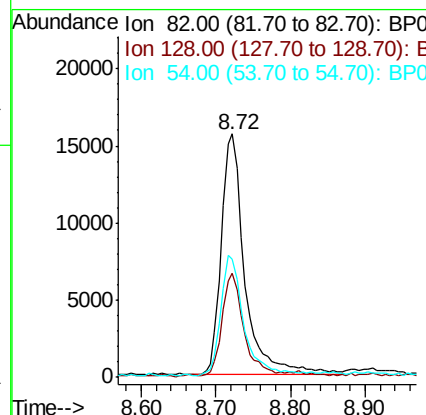
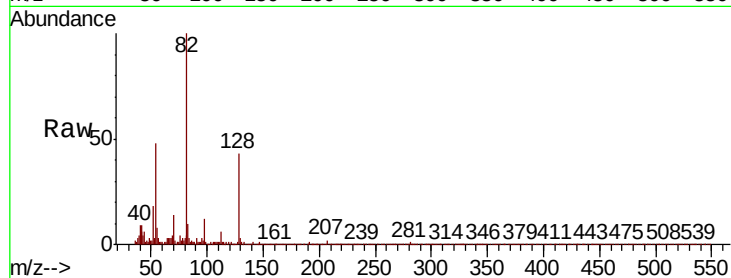




#23
Nitrobenzene-d5
Concen: 1.868 ng
RT: 8.72 min Scan# 992
Delta R.T. -0.00 min
Lab File: BP002665.D
Acq: 07 Jul 2020 19:13

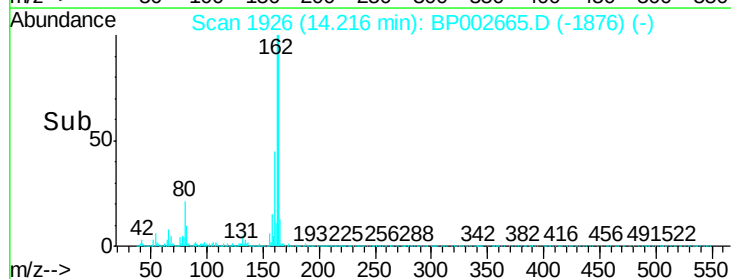
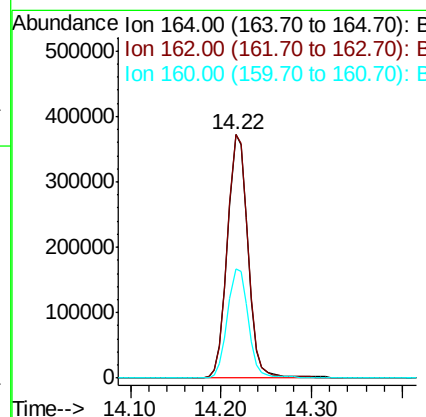
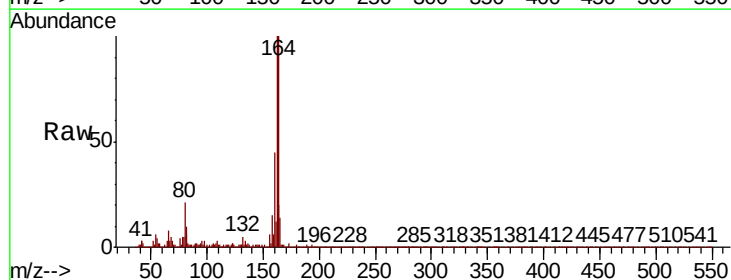
Instrument :
BNA_P
ClientSampleId :
VNJ-214

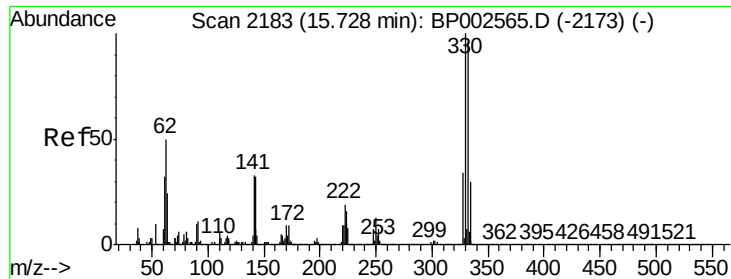
Tot Ion	82	Resp	34269
Ion Ratio	Lower	Upper	
82	100		
128	43.0	33.4	50.2
54	48.4	40.1	60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1926
Delta R.T. -0.01 min
Lab File: BP002665.D
Acq: 07 Jul 2020 19:13

Tgt Ion	164	Resp	580448
Ion Ratio	Lower	Upper	
164	100		
162	100.2	80.3	120.5
160	45.2	35.0	52.6

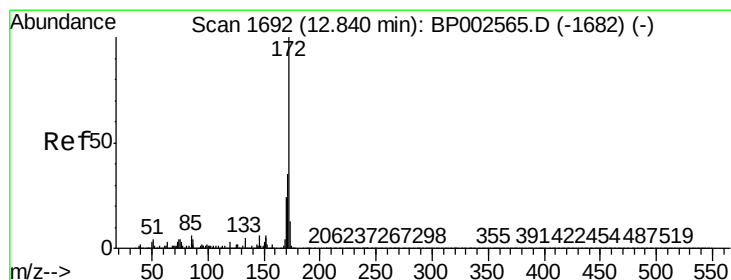
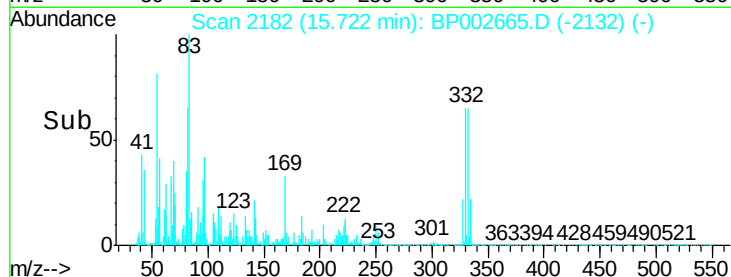
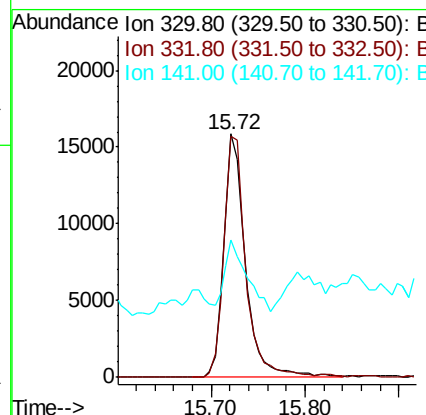
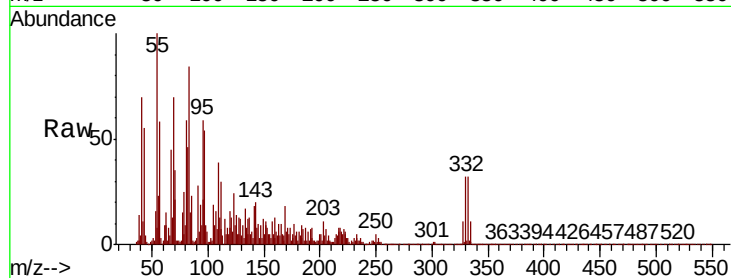




#42
 2,4,6-Tribromophenol
 Concen: 3.622 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002665.D
 Acq: 07 Jul 2020 19:13

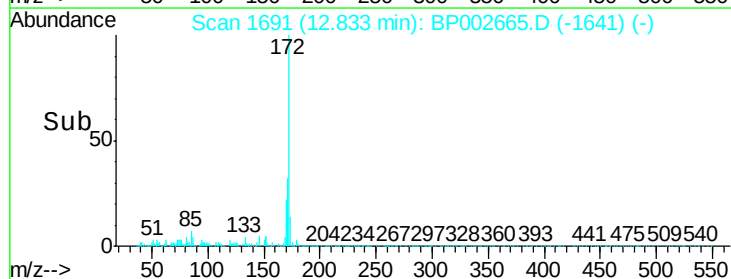
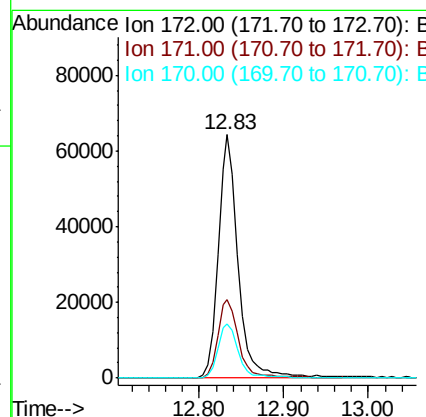
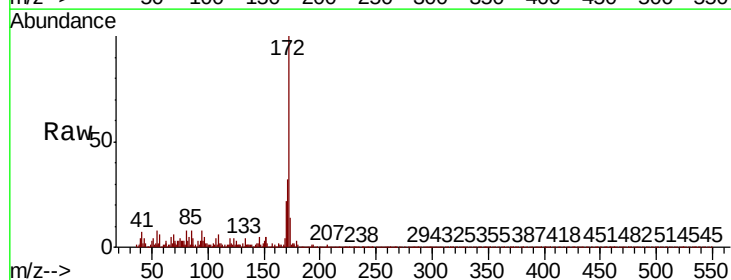
Instrument :
 BNA_P
 ClientSampleId :
 VNJ-214

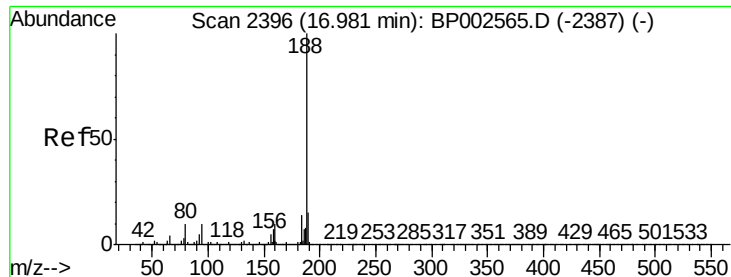
Tot Ion:330 Resp: 25574
 Ion Ratio Lower Upper
 330 100
 332 101.0 77.7 116.5
 141 28.5 29.0 43.6#



#45
 2-Fluorobiphenyl
 Concen: 2.700 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002665.D
 Acq: 07 Jul 2020 19:13

Tgt Ion:172 Resp: 106499
 Ion Ratio Lower Upper
 172 100
 171 32.1 28.0 42.0
 170 22.2 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.98 min Scan# 2396

Delta R.T. -0.00 min

Lab File: BP002665.D

Acq: 07 Jul 2020 19:13

Instrument :

BNA_P

ClientSampled :

VNJ-214

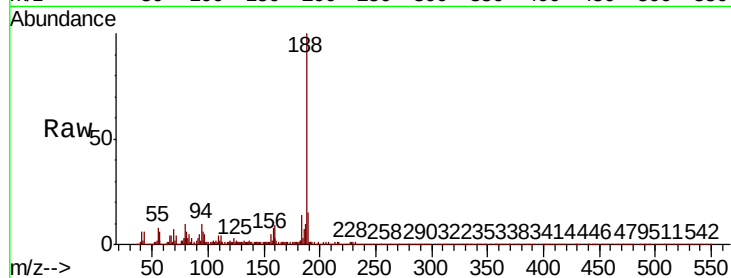
Tot Ion:188 Resp: 1121067

Ion Ratio Lower Upper

188 100

94 9.9 7.8 11.6

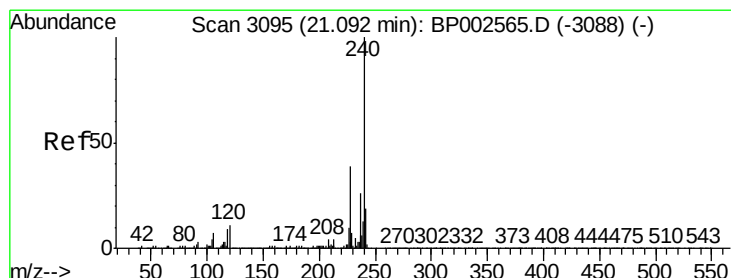
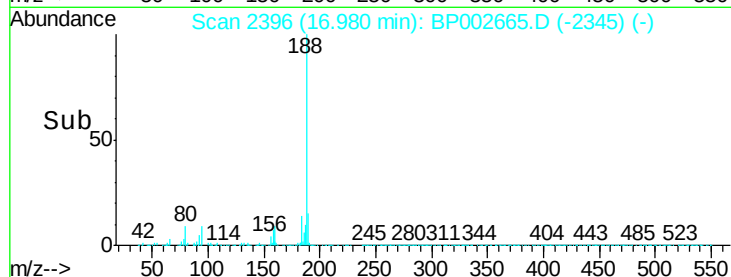
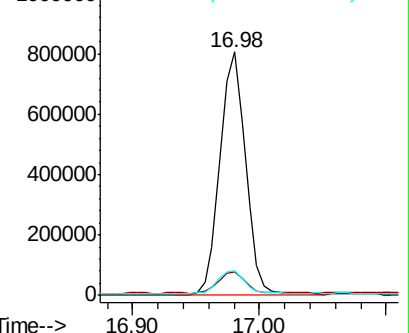
80 10.0 8.2 12.4



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: BP002665.D

Acq: 07 Jul 2020 19:13

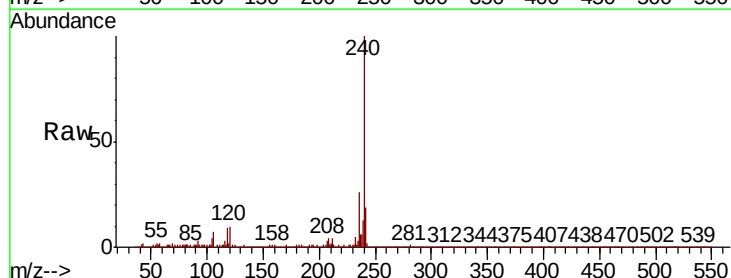
Tgt Ion:240 Resp: 1257488

Ion Ratio Lower Upper

240 100

120 9.6 8.6 13.0

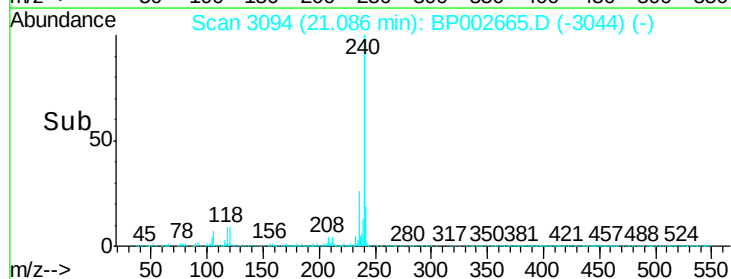
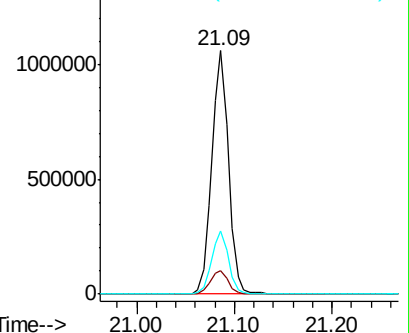
236 26.1 20.8 31.2

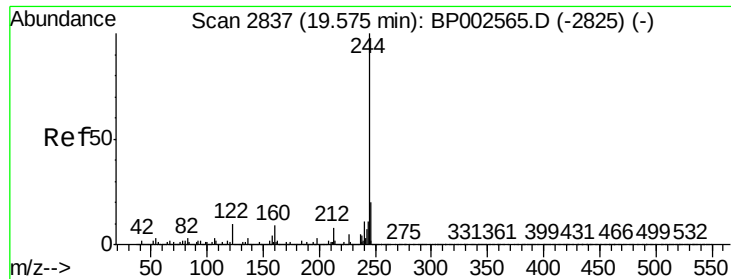


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 2.829 ng

RT: 19.56 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BP002665.D

Acq: 07 Jul 2020 19:13

Instrument :

BNA_P

ClientSampleId :

VNJ-214

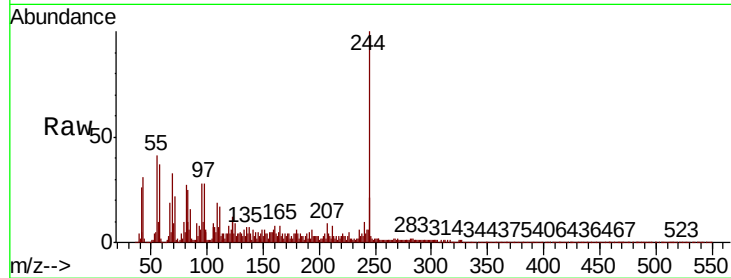
Tot Ion:244 Resp: 164799

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

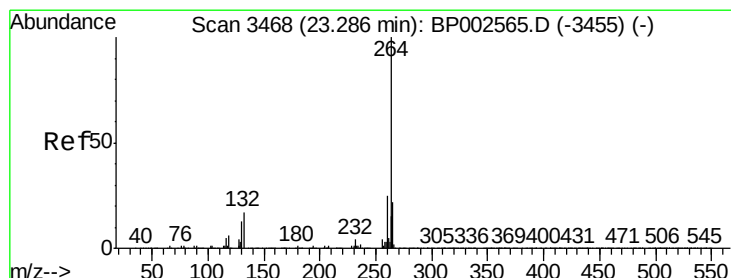
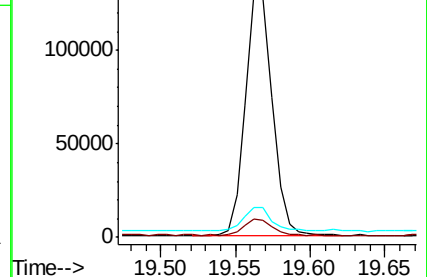
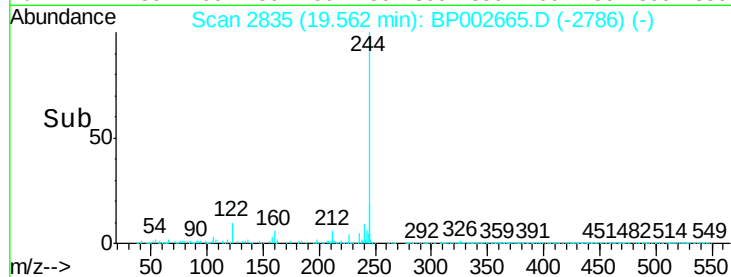
122 12.2 7.9 11.9#



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: BP002665.D

Acq: 07 Jul 2020 19:13

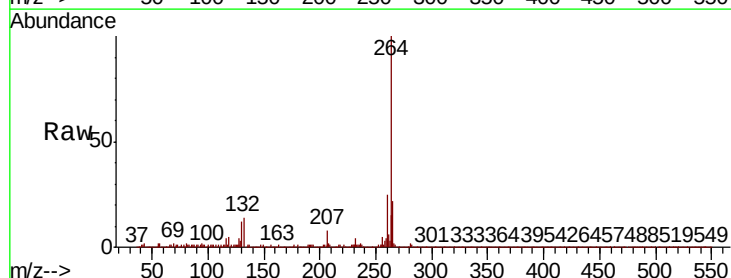
Tgt Ion:264 Resp: 1364086

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.9 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

