

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
 Data File : BP002628.D
 Acq On : 02 Jul 2020 13:41
 Operator : CG/JU
 Sample : L3153-38
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP2-J

Quant Time: Jul 02 15:05:00 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	273246	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1065847	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	674041	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1480213	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1493178	20.00	ng	0.00
86) Perylene-d12	23.29	264	1366323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1931304	119.67	ng	0.00
7) Phenol-d6	6.77	99	2225249	98.79	ng	0.00
23) Nitrobenzene-d5	8.72	82	2023314	97.81	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	1094622	133.52	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	4024315	87.87	ng	0.00
79) Terphenyl-d14	19.57	244	5288831	76.45	ng	0.00

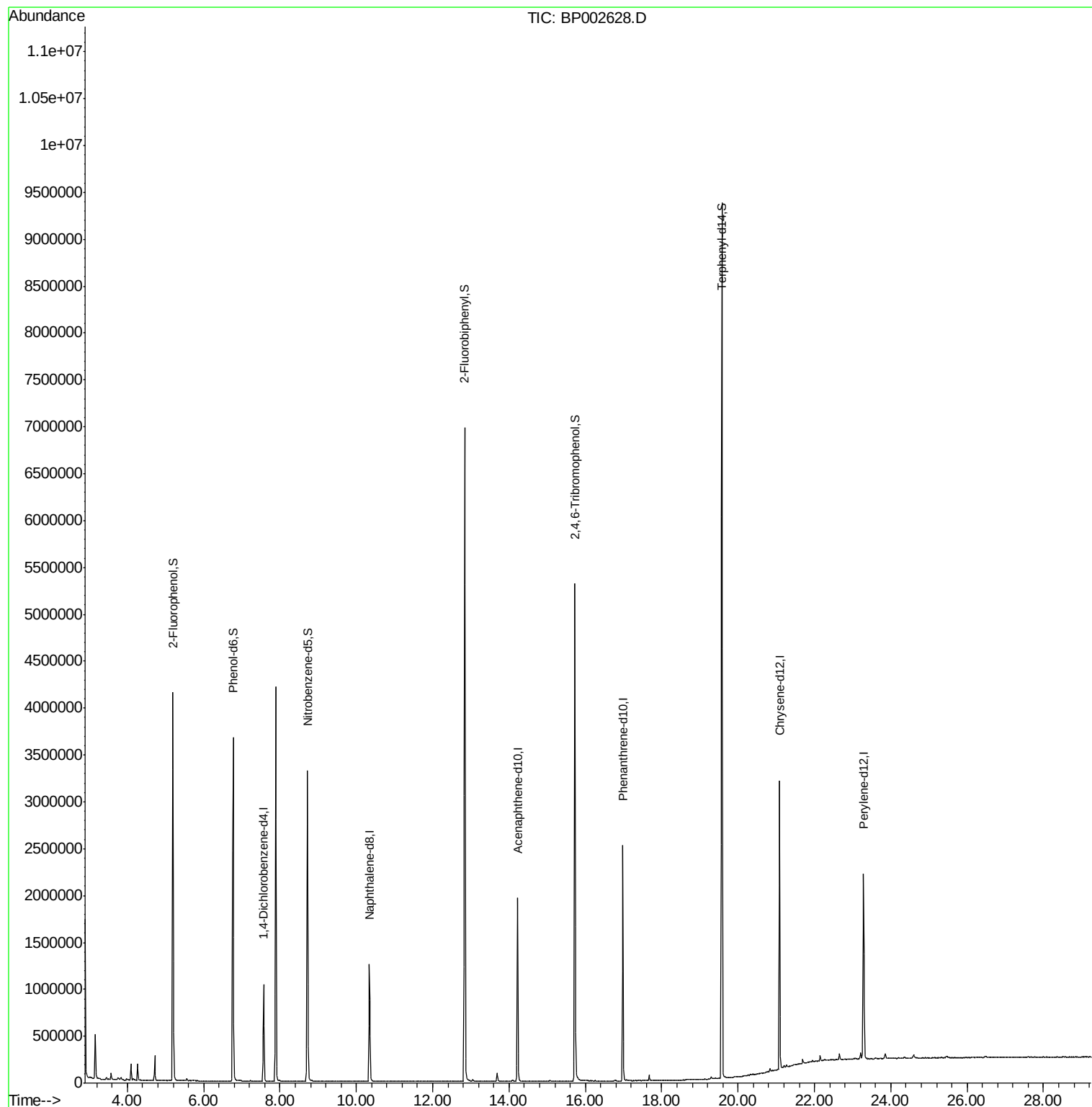
Target Compounds Qvalue

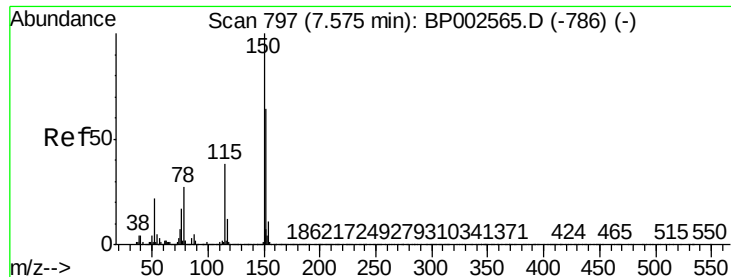
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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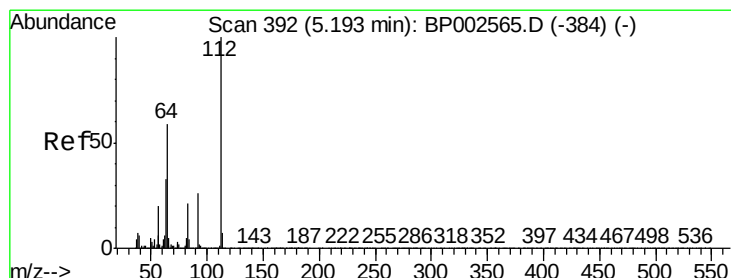
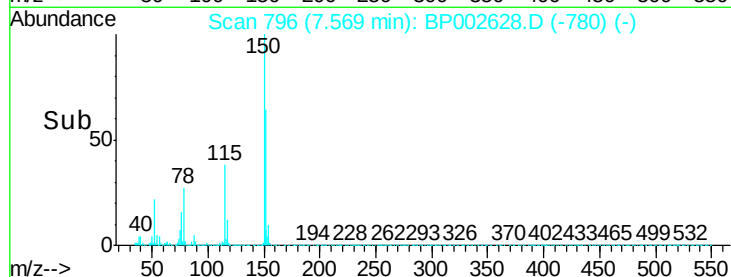
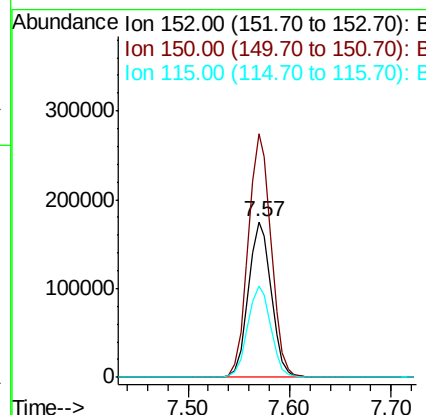
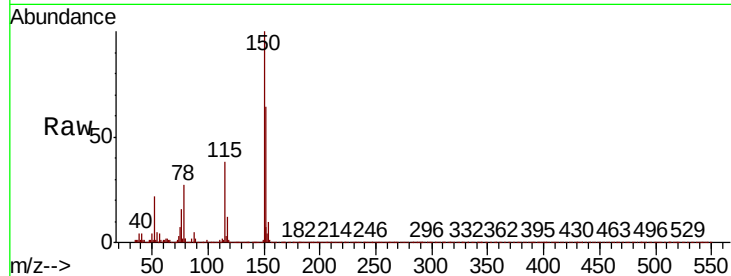




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.57 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BP002628.D
 Acq: 02 Jul 2020 13:41

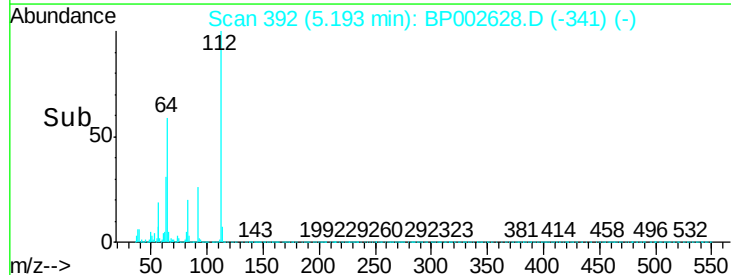
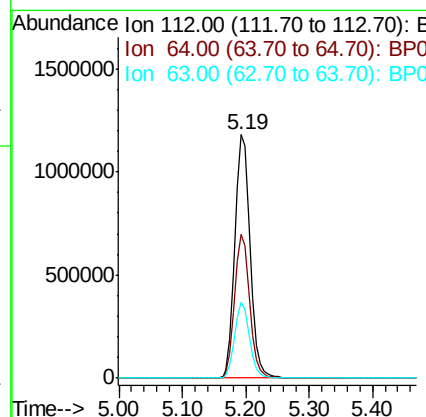
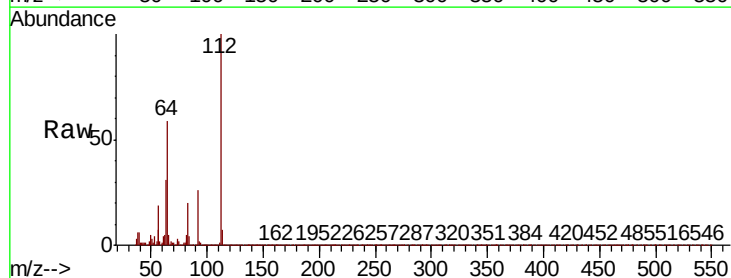
Instrument :
 BNA_P
 ClientSampleId :
 SP2-J

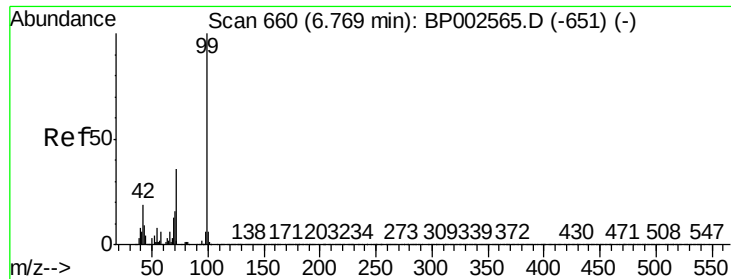
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	58.9	47.1	70.7



#5
 2-Fluorophenol
 Concen: 119.669 ng
 RT: 5.19 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BP002628.D
 Acq: 02 Jul 2020 13:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	47.0	70.6
63	31.2	26.1	39.1





#7

Phenol-d6

Concen: 98.788 ng

RT: 6.77 min Scan# 660

Delta R.T. -0.00 min

Lab File: BP002628.D

Acq: 02 Jul 2020 13:41

Instrument :

BNA_P

ClientSampleId :

SP2-J

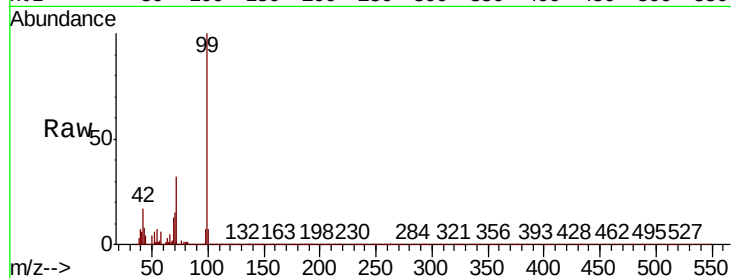
Tot Ion: 99 Resp: 2225249

Ion Ratio Lower Upper

99 100

42 17.4 15.5 23.3

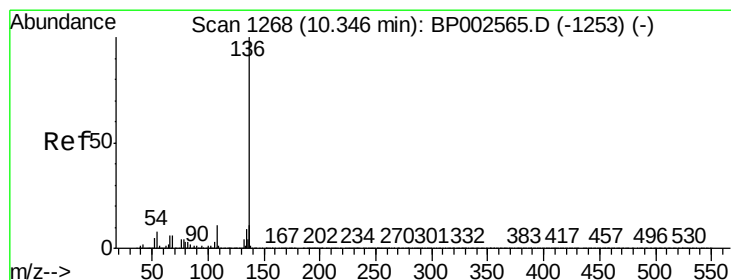
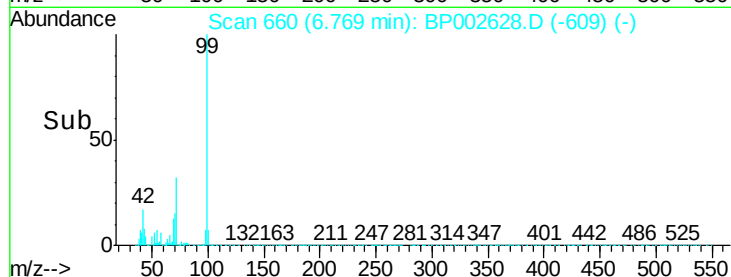
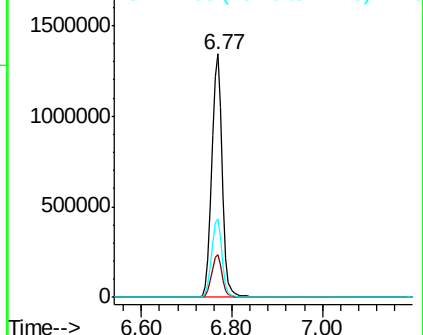
71 32.4 28.9 43.3



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: BP002628.D

Acq: 02 Jul 2020 13:41

Tgt Ion: 136 Resp: 1065847

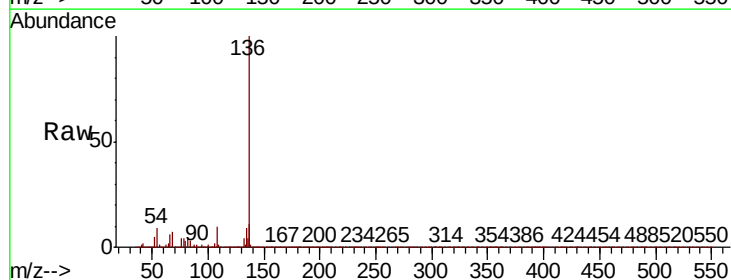
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 8.6 6.4 9.6

68 7.1 5.1 7.7

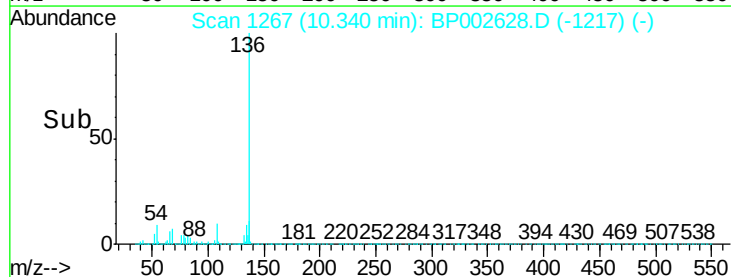
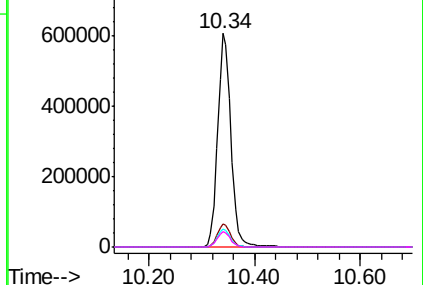


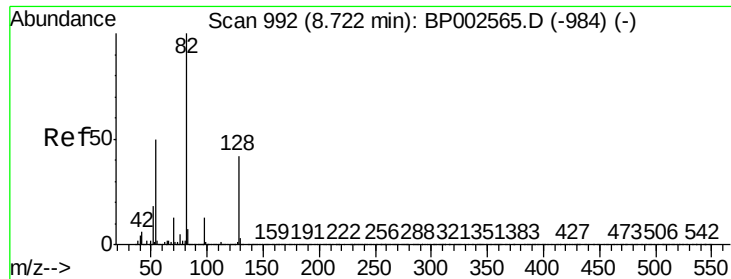
Abundance Ion 136.00 (135.70 to 136.70): E

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

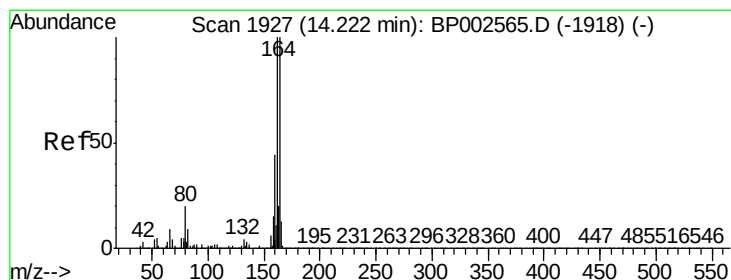
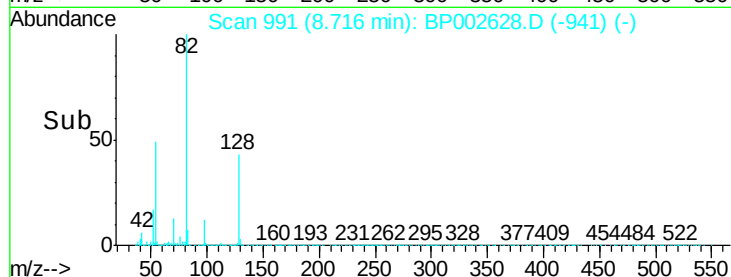
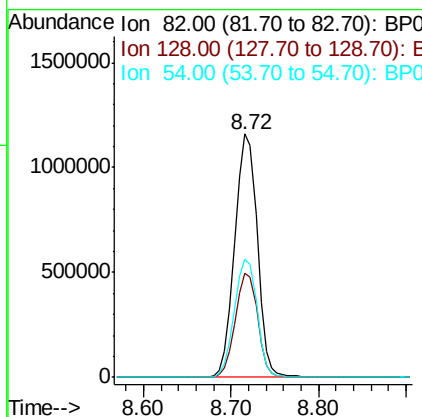
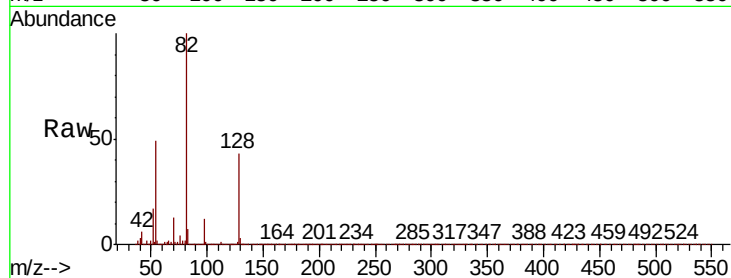




#23
Nitrobenzene-d5
Concen: 97.811 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

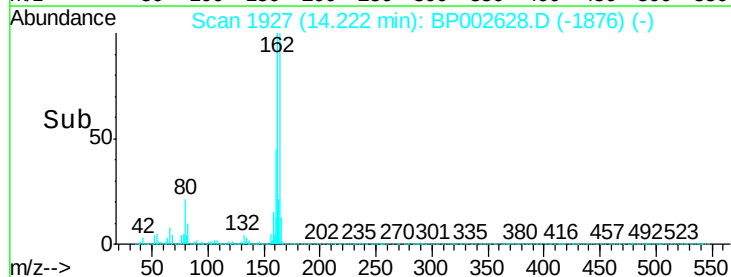
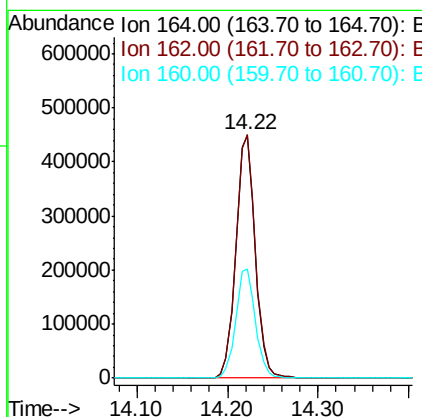
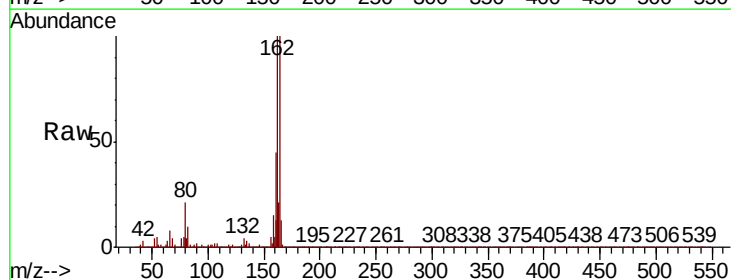
Instrument :
BNA_P
ClientSampleId :
SP2-J

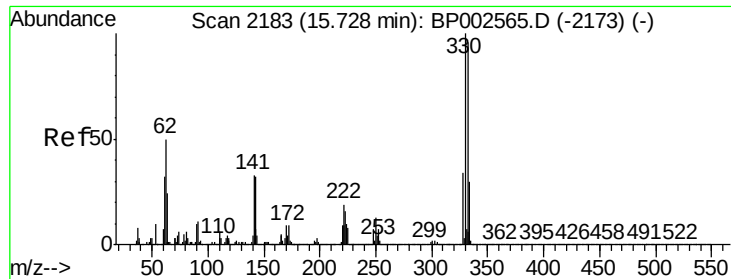
Tot Ion: 82 Resp: 2023314
Ion Ratio Lower Upper
82 100
128 42.6 33.4 50.2
54 48.8 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002628.D
Acq: 02 Jul 2020 13:41

Tgt Ion:164 Resp: 674041
Ion Ratio Lower Upper
164 100
162 100.4 80.3 120.5
160 44.9 35.0 52.6

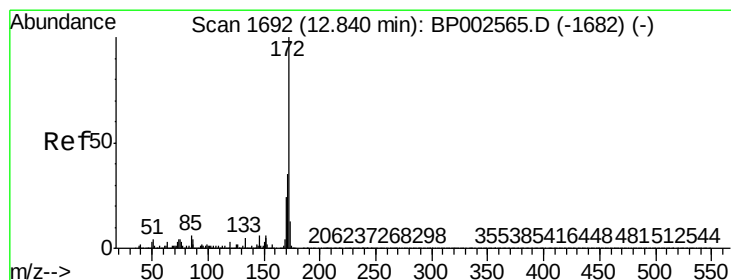
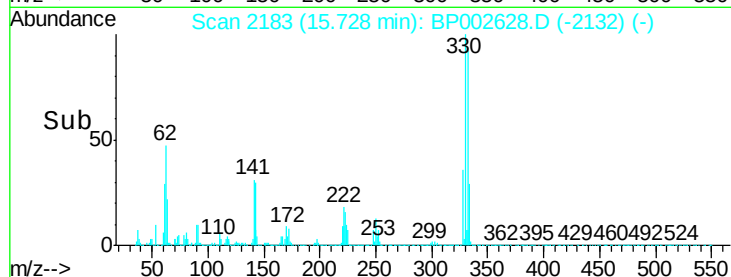
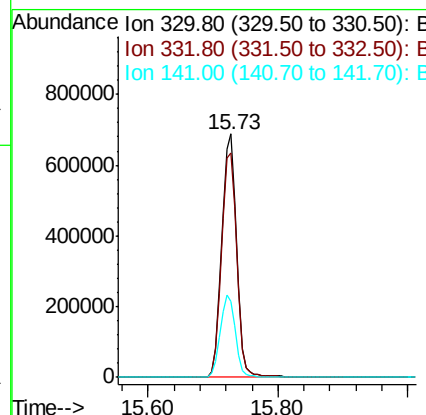
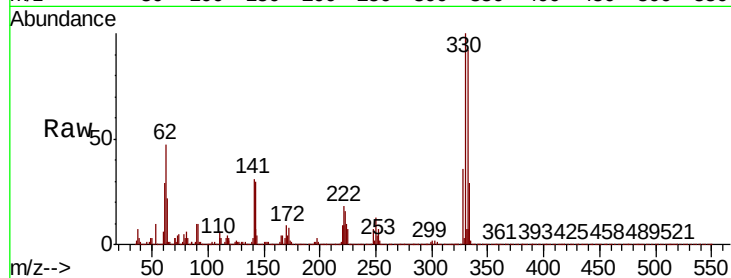




#42
 2,4,6-Tribromophenol
 Concen: 133.519 ng
 RT: 15.73 min Scan# 2183
 Delta R.T. -0.00 min
 Lab File: BP002628.D
 Acq: 02 Jul 2020 13:41

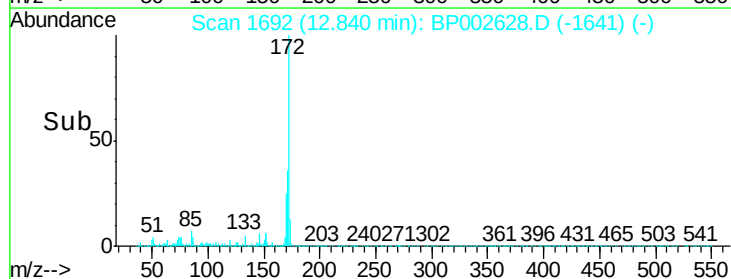
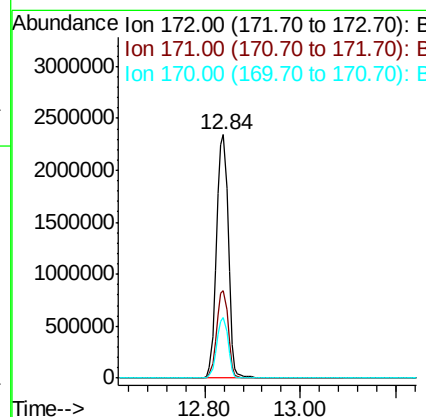
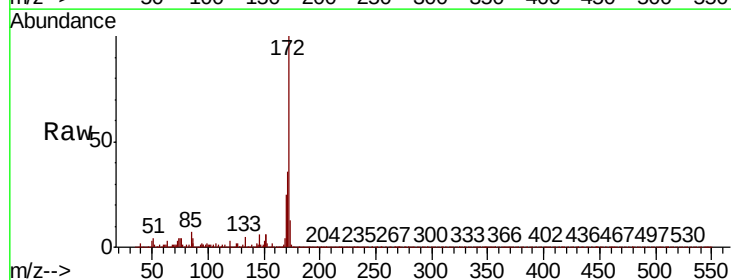
Instrument :
 BNA_P
 ClientSampleId :
 SP2-J

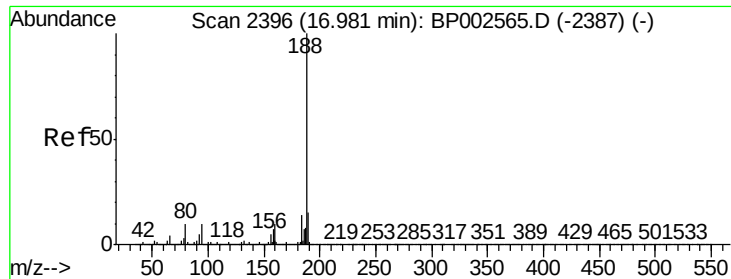
Tot Ion:330 Resp: 1094622
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.7 116.5
 141 34.3 29.0 43.6



#45
 2-Fluorobiphenyl
 Concen: 87.875 ng
 RT: 12.84 min Scan# 1692
 Delta R.T. -0.00 min
 Lab File: BP002628.D
 Acq: 02 Jul 2020 13:41

Tgt Ion:172 Resp: 4024315
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.0 42.0
 170 24.6 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: BP002628.D

Acq: 02 Jul 2020 13:41

Instrument :

BNA_P

ClientSampleId :

SP2-J

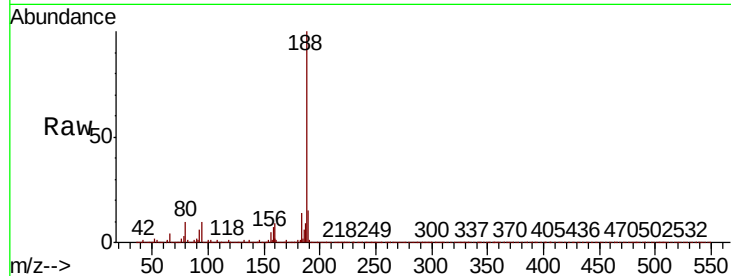
Tot Ion:188 Resp: 1480213

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

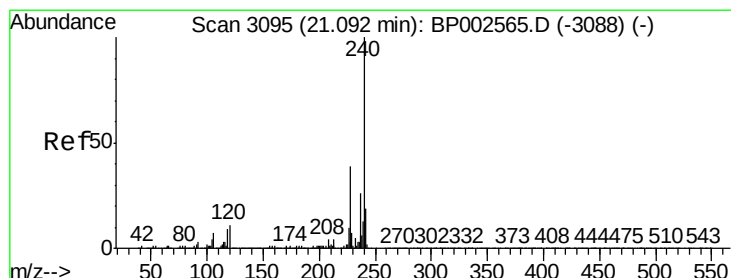
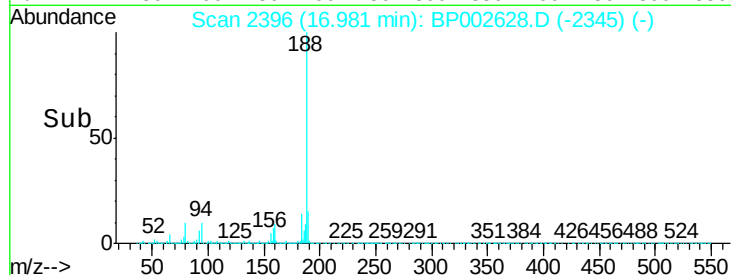
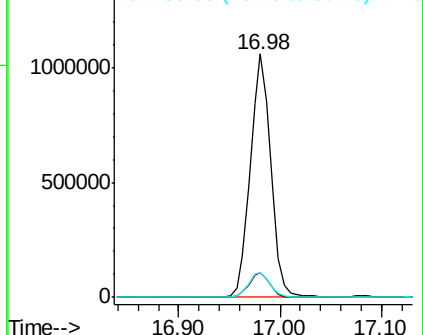
80 10.4 8.2 12.4



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: BP002628.D

Acq: 02 Jul 2020 13:41

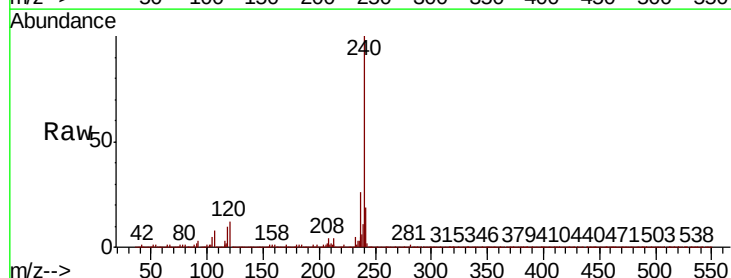
Tgt Ion:240 Resp: 1493178

Ion Ratio Lower Upper

240 100

120 11.7 8.6 13.0

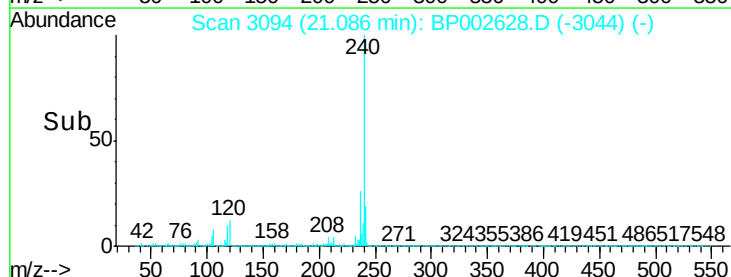
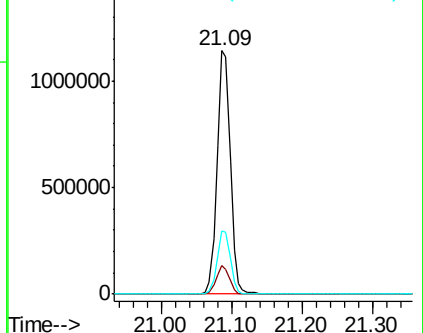
236 26.1 20.8 31.2

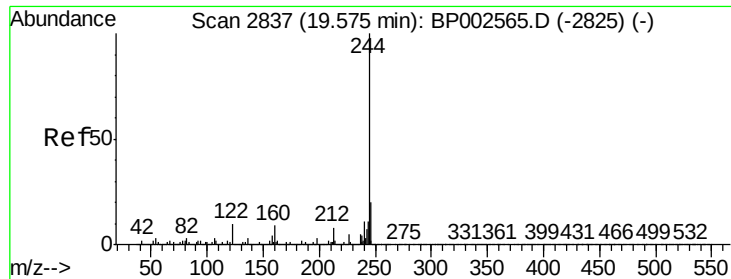


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 76.453 ng

RT: 19.57 min Scan# 2837

Delta R.T. -0.00 min

Lab File: BP002628.D

Acq: 02 Jul 2020 13:41

Instrument :

BNA_P

ClientSampleId :

SP2-J

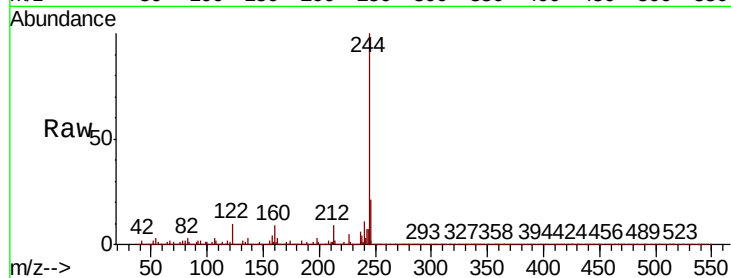
Tot Ion:244 Resp: 5288831

Ion Ratio Lower Upper

244 100

212 8.9 6.5 9.7

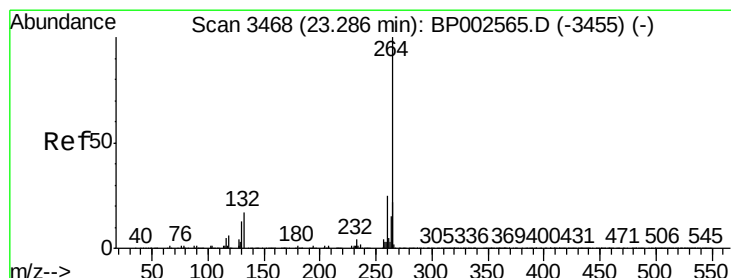
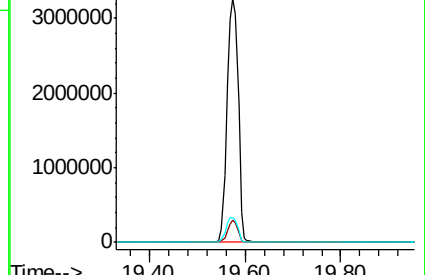
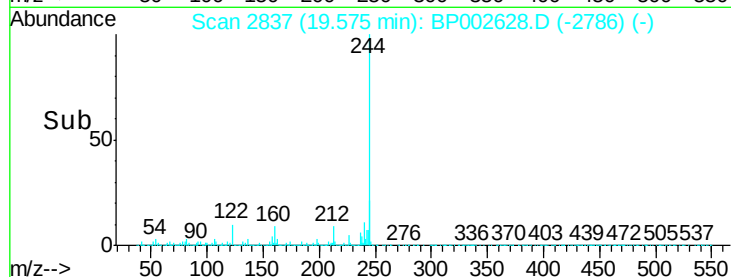
122 10.0 7.9 11.9



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: 23.29 min Scan# 3468

Delta R.T. -0.00 min

Lab File: BP002628.D

Acq: 02 Jul 2020 13:41

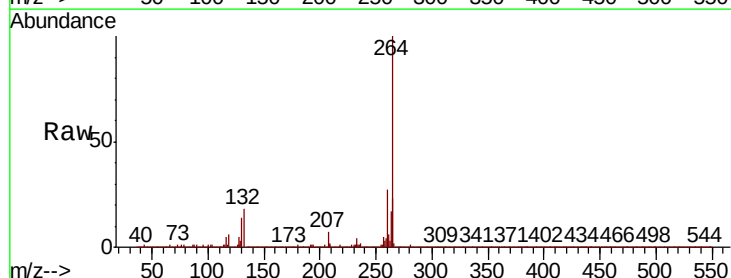
Tgt Ion:264 Resp: 1366323

Ion Ratio Lower Upper

264 100

260 26.8 19.7 29.5

265 23.2 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

