

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070220\
 Data File : BP002629.D
 Acq On : 02 Jul 2020 14:15
 Operator : CG/JU
 Sample : L3153-23
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP2-E

Quant Time: Jul 03 04:05:00 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	298368	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	1136374	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	717957	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1554462	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1443719	20.00	ng	0.00
86) Perylene-d12	23.29	264	1270906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	2345721	133.11	ng	0.00
7) Phenol-d6	6.77	99	2802369	113.93	ng	0.00
23) Nitrobenzene-d5	8.72	82	2292003	103.92	ng	0.00
42) 2,4,6-Tribromophenol	15.73	330	1189338	136.20	ng	0.00
45) 2-Fluorobiphenyl	12.84	172	4374026	89.67	ng	0.00
79) Terphenyl-d14	19.57	244	5467913	81.75	ng	0.00

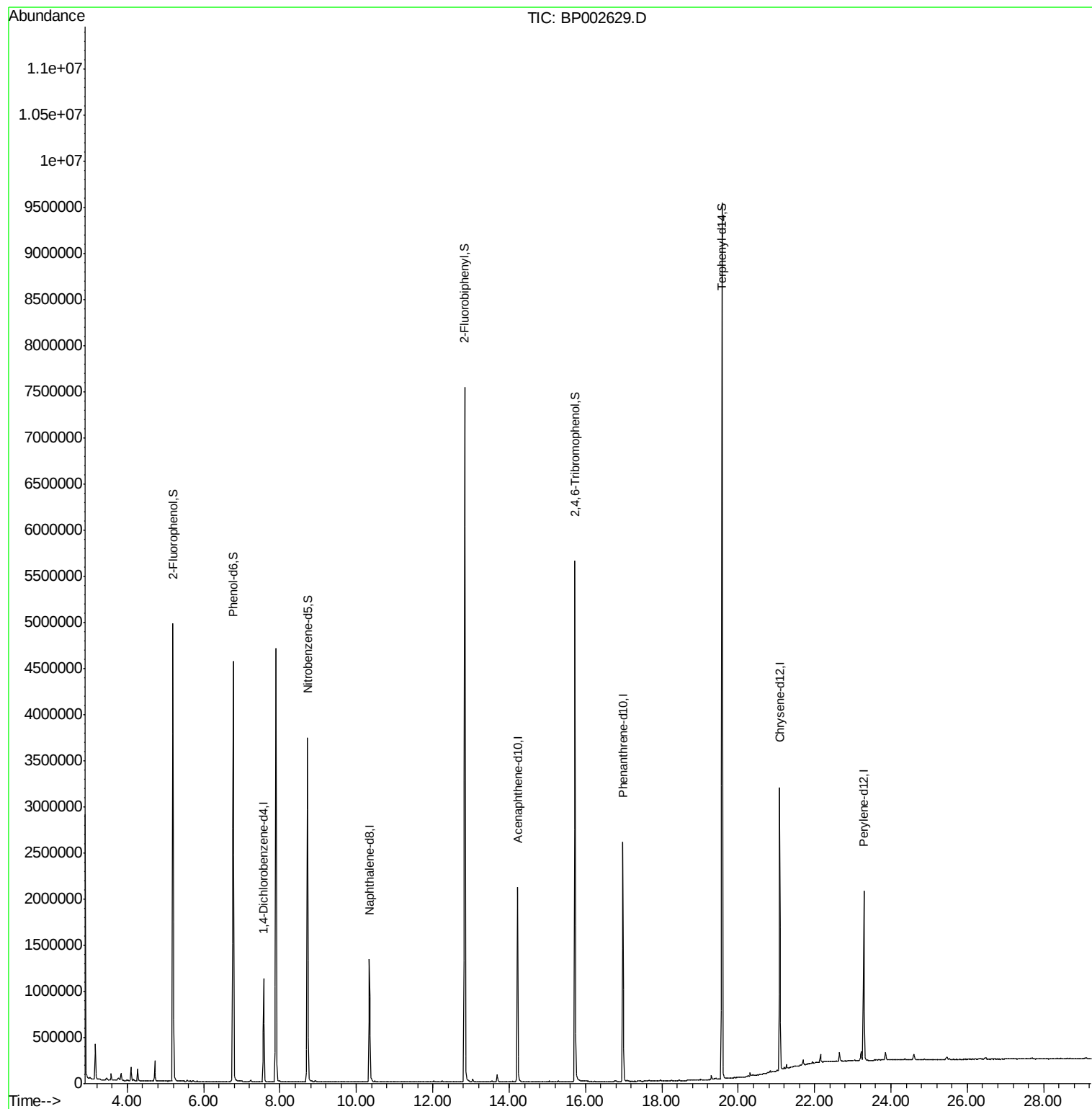
Target Compounds Qvalue

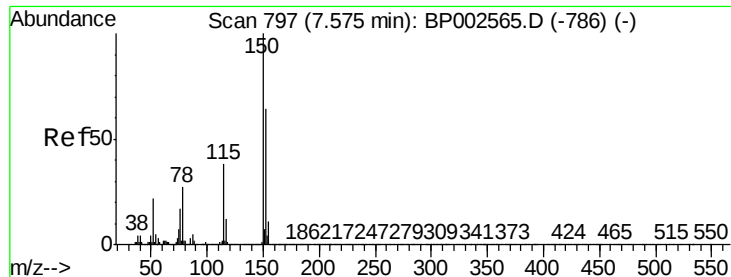
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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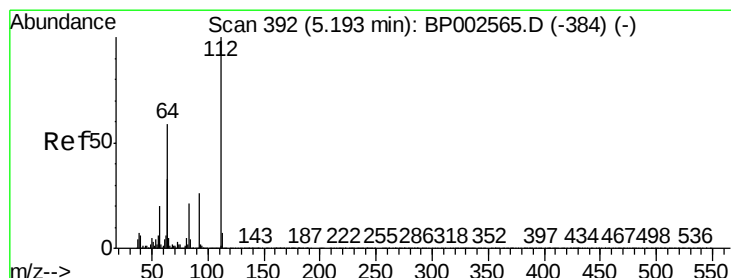
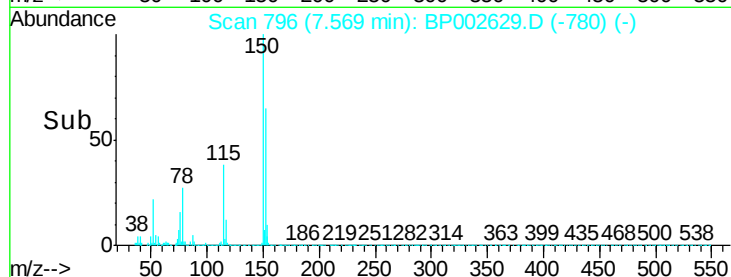
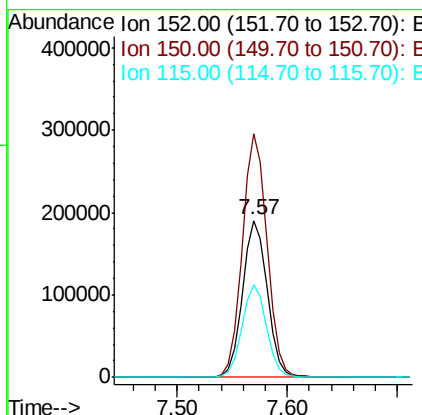
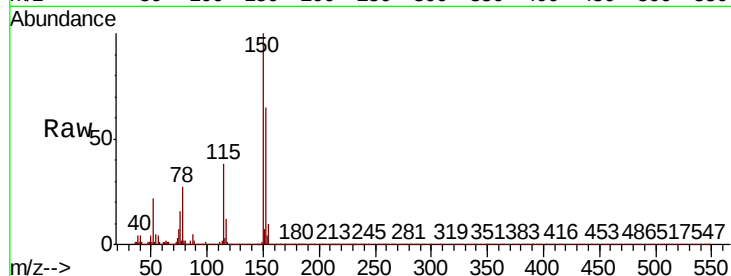


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Instrument :
BNA_P
ClientSampleId :
SP2-E

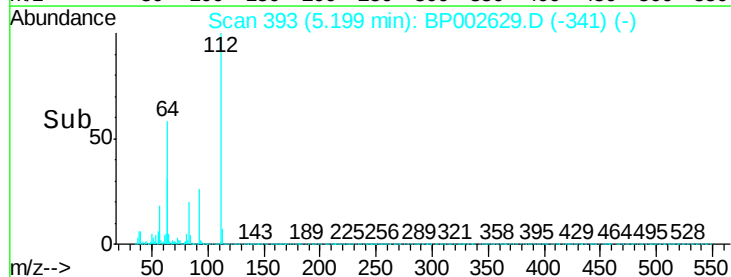
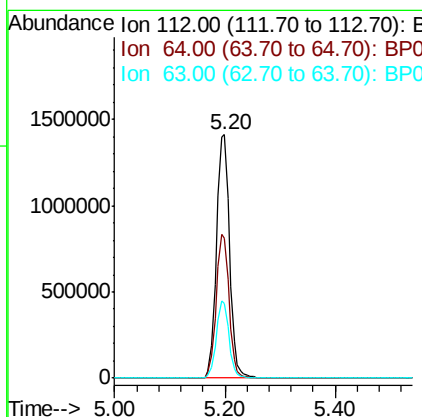
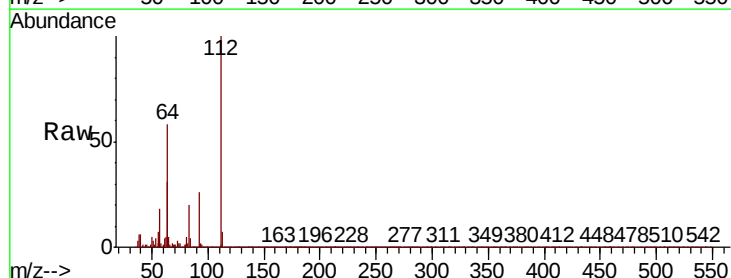
Tot Ion	Ratio	Lower	Upper
152	100		
150	155.0	124.2	186.2
115	59.1	47.1	70.7

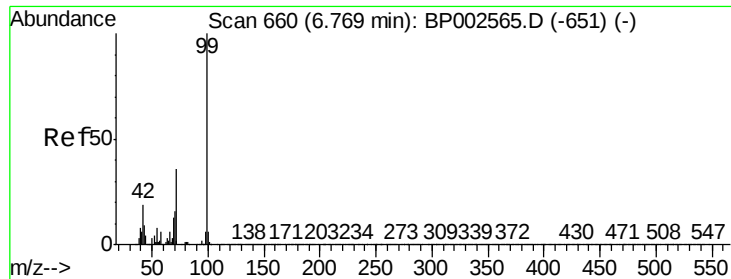


#5

2-Fluorophenol
Concen: 133.110 ng
RT: 5.20 min Scan# 393
Delta R.T. 0.01 min
Lab File: BP002629.D
Acq: 02 Jul 2020 14:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.5	47.0	70.6
63	30.5	26.1	39.1





#7

Phenol-d6

Concen: 113.934 ng

RT: 6.77 min Scan# 660

Delta R.T. 0.00 min

Lab File: BP002629.D

Acq: 02 Jul 2020 14:15

Instrument :

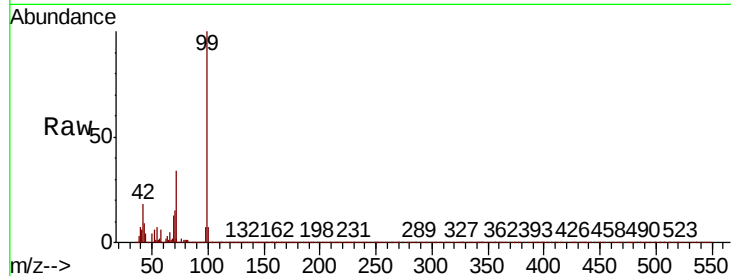
BNA_P

ClientSampleId :

SP2-E

Tot Ion: 99 Resp: 2802369

Ion	Ratio	Lower	Upper
99	100		
42	18.0	15.5	23.3
71	33.8	28.9	43.3

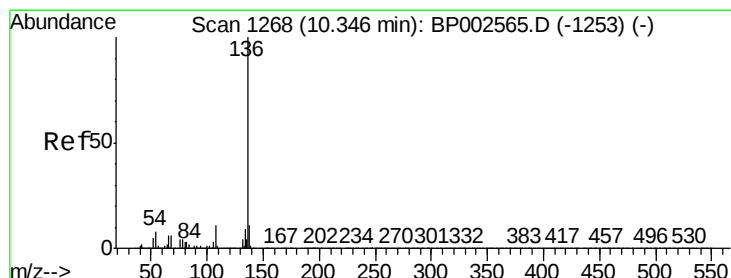
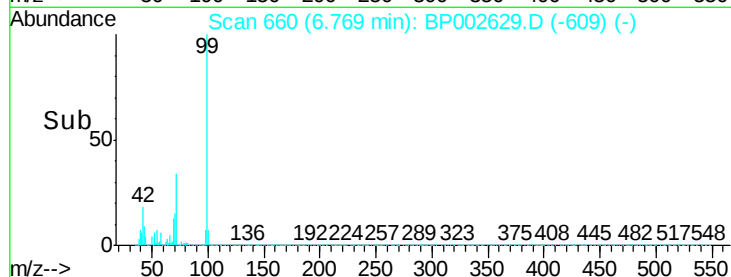
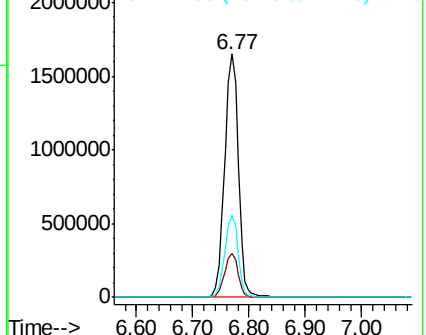


Abundance

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

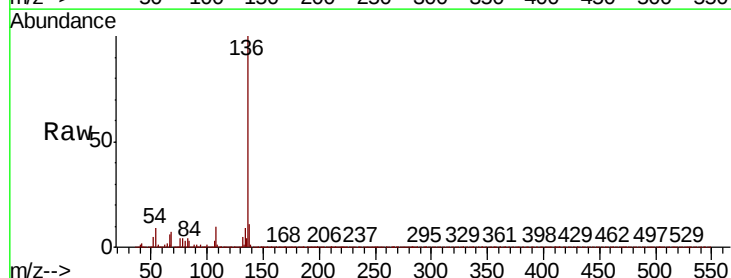
Delta R.T. -0.01 min

Lab File: BP002629.D

Acq: 02 Jul 2020 14:15

Tgt Ion: 136 Resp: 1136374

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	8.5	6.4	9.6
68	7.2	5.1	7.7



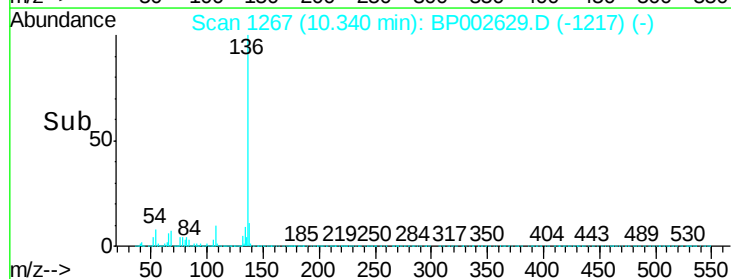
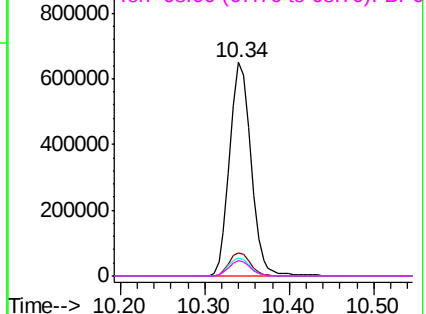
Abundance

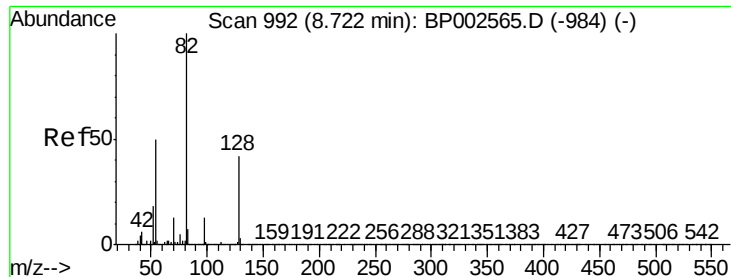
Ion 136.00 (135.70 to 136.70): E

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



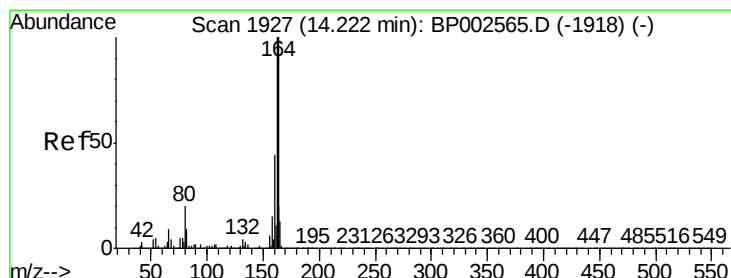
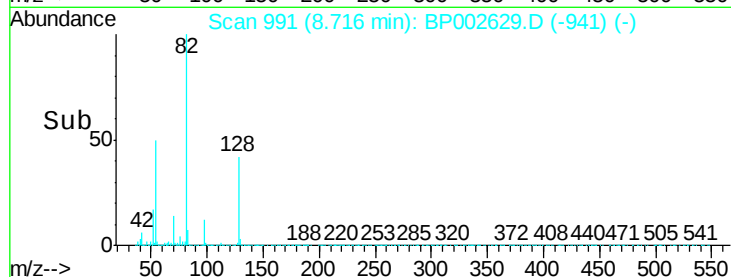
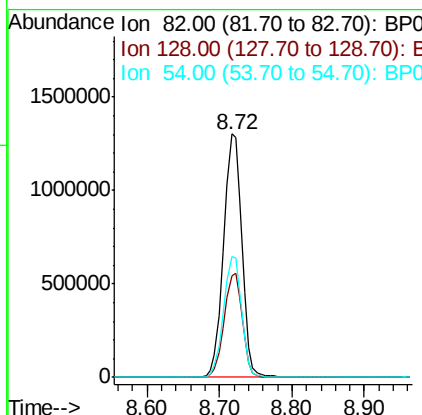
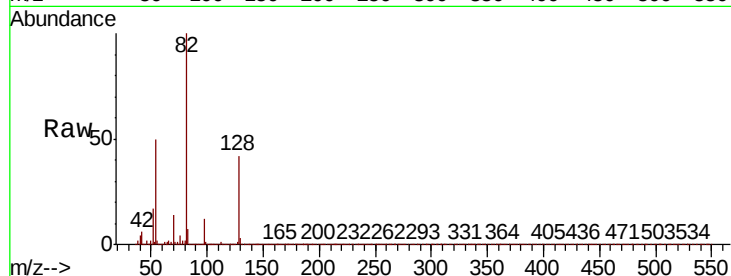


#23
 Nitrobenzene-d5
 Concen: 103.924 ng
 RT: 8.72 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BP002629.D
 Acq: 02 Jul 2020 14:15

Instrument :
 BNA_P
 ClientSampleId :
 SP2-E

Tot Ion: 82 Resp: 2292003

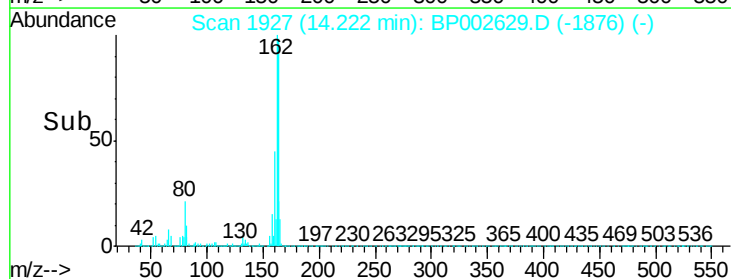
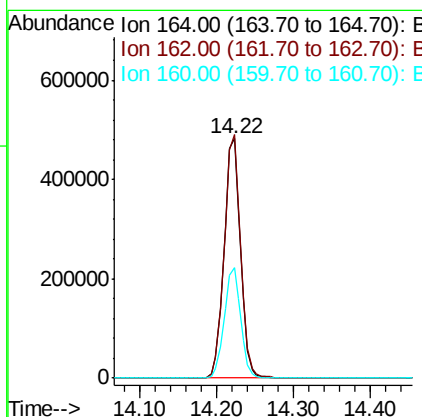
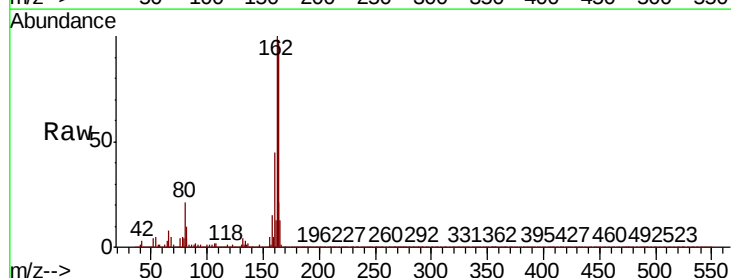
Ion	Ratio	Lower	Upper
82	100		
128	41.7	33.4	50.2
54	49.7	40.1	60.1

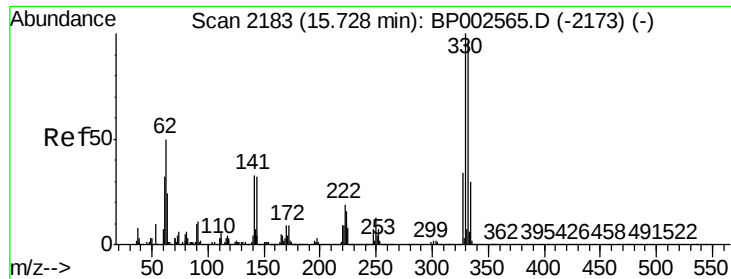


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.22 min Scan# 1927
 Delta R.T. 0.00 min
 Lab File: BP002629.D
 Acq: 02 Jul 2020 14:15

Tgt Ion: 164 Resp: 717957

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.3	120.5
160	46.1	35.0	52.6



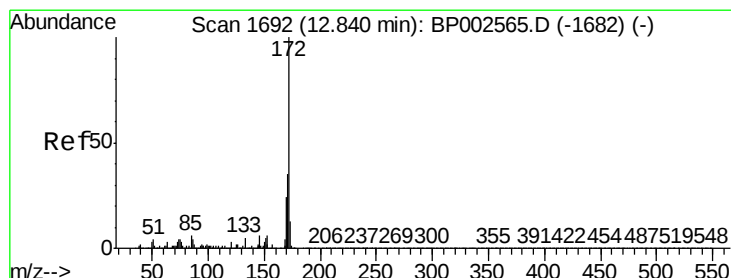
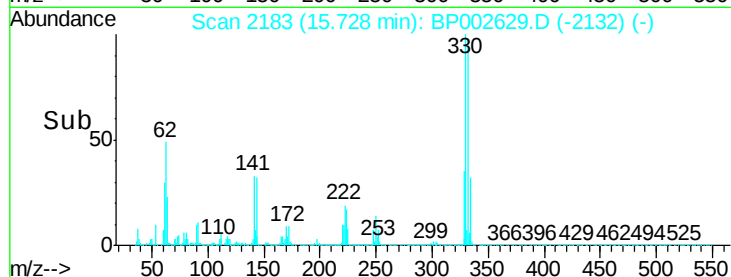
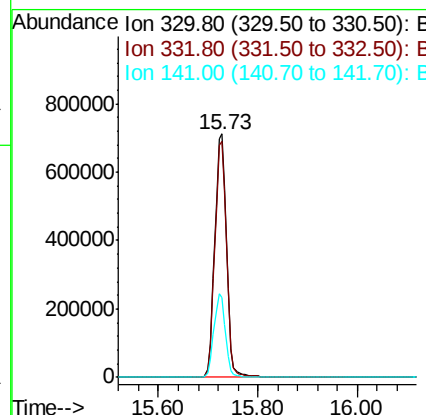
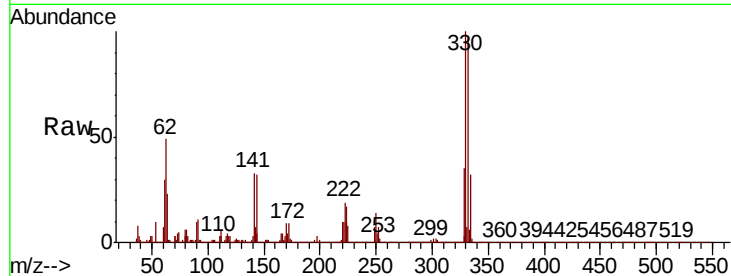


#42
 2,4,6-Tribromophenol
 Concen: 136.199 ng
 RT: 15.73 min Scan# 2183
 Delta R.T. 0.00 min
 Lab File: BP002629.D
 Acq: 02 Jul 2020 14:15

Instrument :
 BNA_P
 ClientSampleId :
 SP2-E

Tot Ion:330 Resp: 1189338

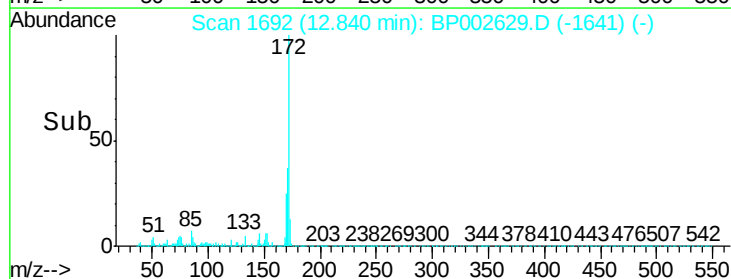
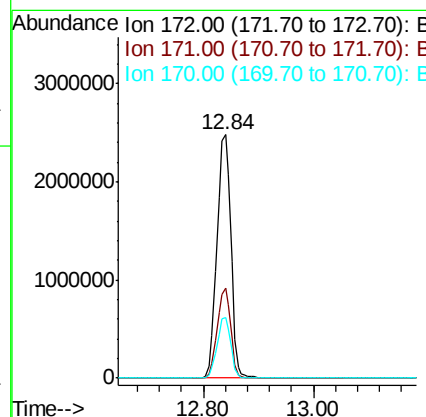
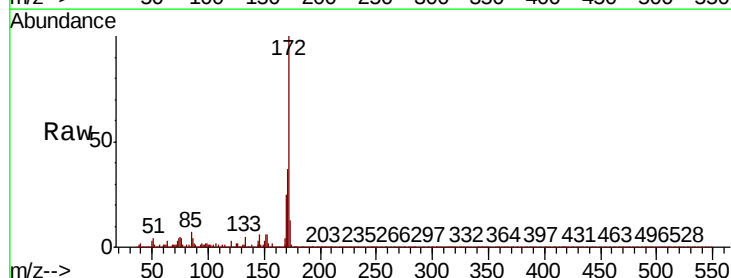
Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.7	116.5
141	34.0	29.0	43.6

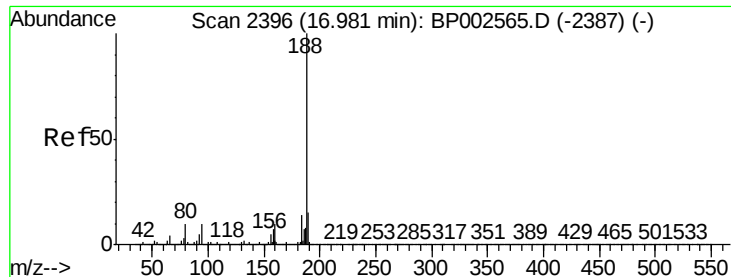


#45
 2-Fluorobiphenyl
 Concen: 89.669 ng
 RT: 12.84 min Scan# 1692
 Delta R.T. 0.00 min
 Lab File: BP002629.D
 Acq: 02 Jul 2020 14:15

Tgt Ion:172 Resp: 4374026

Ion	Ratio	Lower	Upper
172	100		
171	36.8	28.0	42.0
170	24.9	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: BP002629.D

Acq: 02 Jul 2020 14:15

Instrument :

BNA_P

ClientSampled :

SP2-E

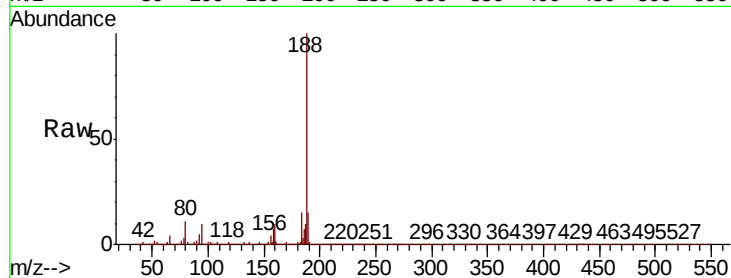
Tot Ion:188 Resp: 1554462

Ion Ratio Lower Upper

188 100

94 10.0 7.8 11.6

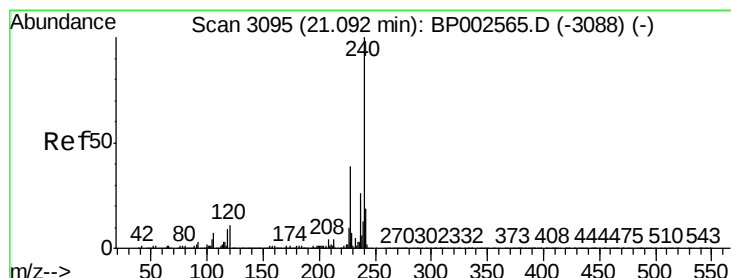
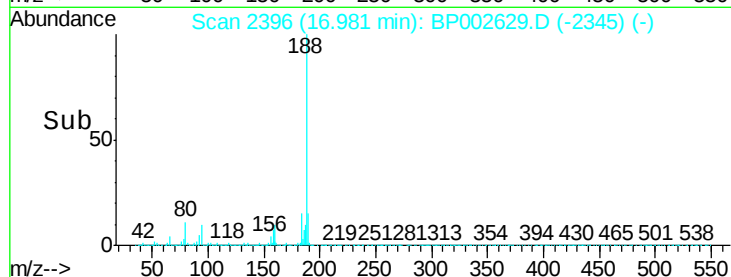
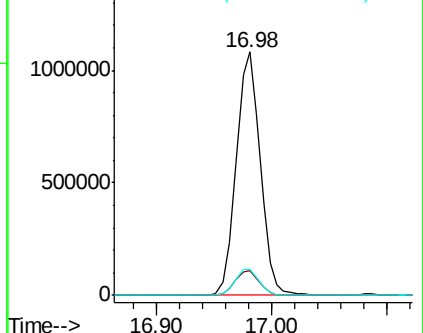
80 10.7 8.2 12.4



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.09 min Scan# 3094

Delta R.T. -0.01 min

Lab File: BP002629.D

Acq: 02 Jul 2020 14:15

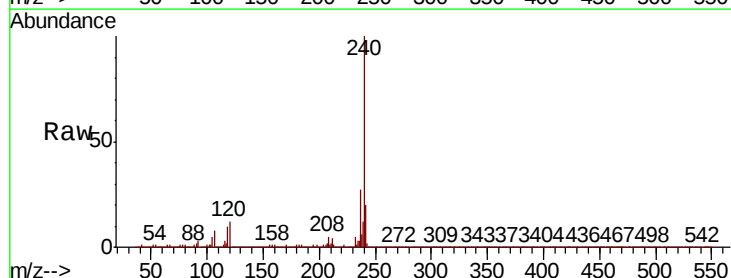
Tgt Ion:240 Resp: 1443719

Ion Ratio Lower Upper

240 100

120 12.1 8.6 13.0

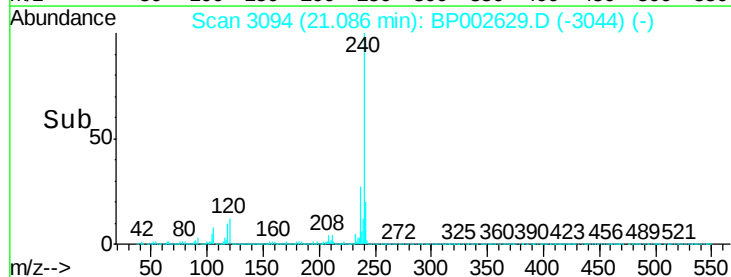
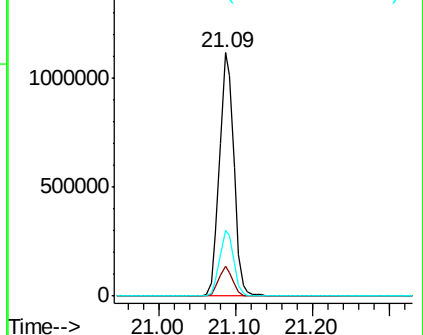
236 26.8 20.8 31.2

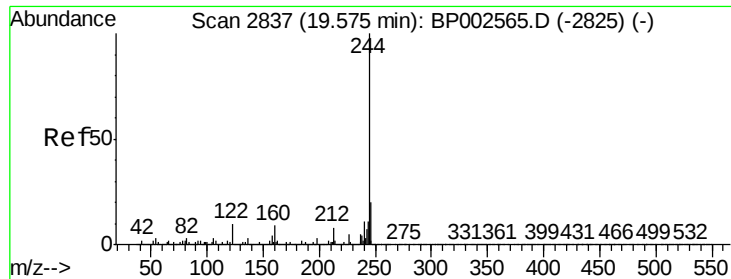


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.750 ng

RT: 19.57 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BP002629.D

Acq: 02 Jul 2020 14:15

Instrument :

BNA_P

ClientSampleId :

SP2-E

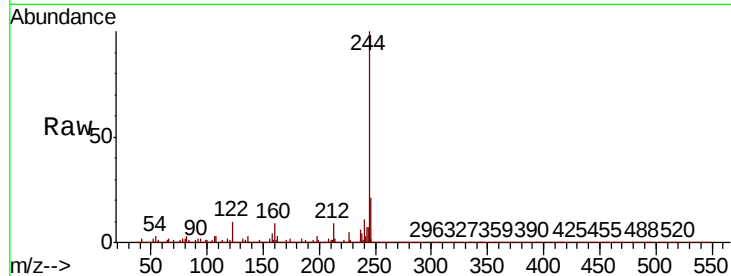
Tot Ion:244 Resp: 5467913

Ion Ratio Lower Upper

244 100

212 9.1 6.5 9.7

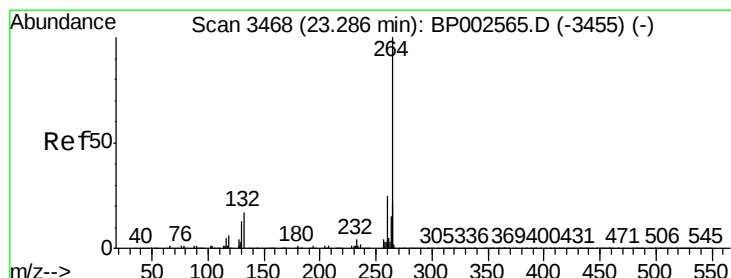
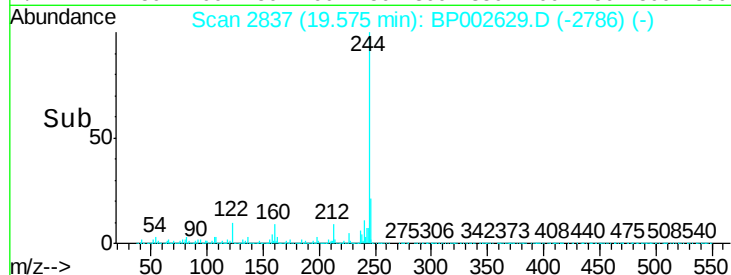
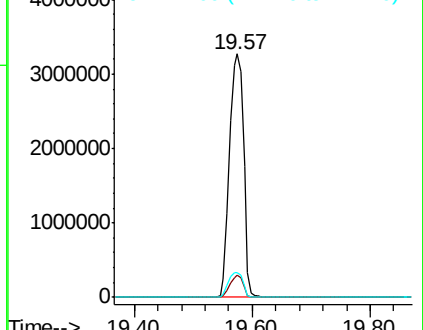
122 10.1 7.9 11.9



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: BP002629.D

Acq: 02 Jul 2020 14:15

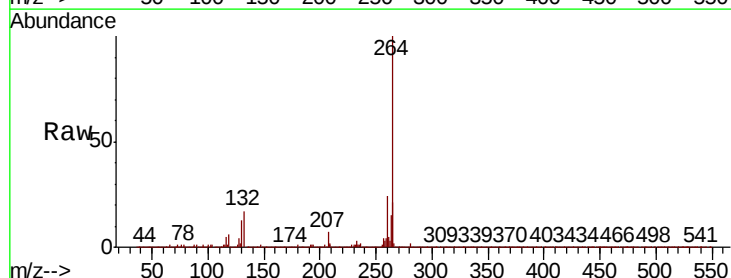
Tgt Ion:264 Resp: 1270906

Ion Ratio Lower Upper

264 100

260 24.2 19.7 29.5

265 21.0 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

