

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP070620\
 Data File : BP002642.D
 Acq On : 06 Jul 2020 11:20
 Operator : CG/JU
 Sample : PB129891BL
 Misc : PBBL01-MDL-SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB129891BL

Quant Time: Jul 06 14:37:26 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	265857	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	991559	20.00	ng	0.00
39) Acenaphthene-d10	14.22	164	569194	20.00	ng	0.00
64) Phenanthrene-d10	16.98	188	1167693	20.00	ng	0.00
76) Chrysene-d12	21.09	240	1260701	20.00	ng	0.00
86) Perylene-d12	23.29	264	1481226	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1842897	117.37	ng	0.00
7) Phenol-d6	6.76	99	2357739	107.58	ng	0.00
23) Nitrobenzene-d5	8.72	82	1536570	79.85	ng	0.00
42) 2,4,6-Tribromophenol	15.72	330	842531	121.70	ng	0.00
45) 2-Fluorobiphenyl	12.83	172	3112800	80.49	ng	0.00
79) Terphenyl-d14	19.57	244	4369906	74.82	ng	0.00

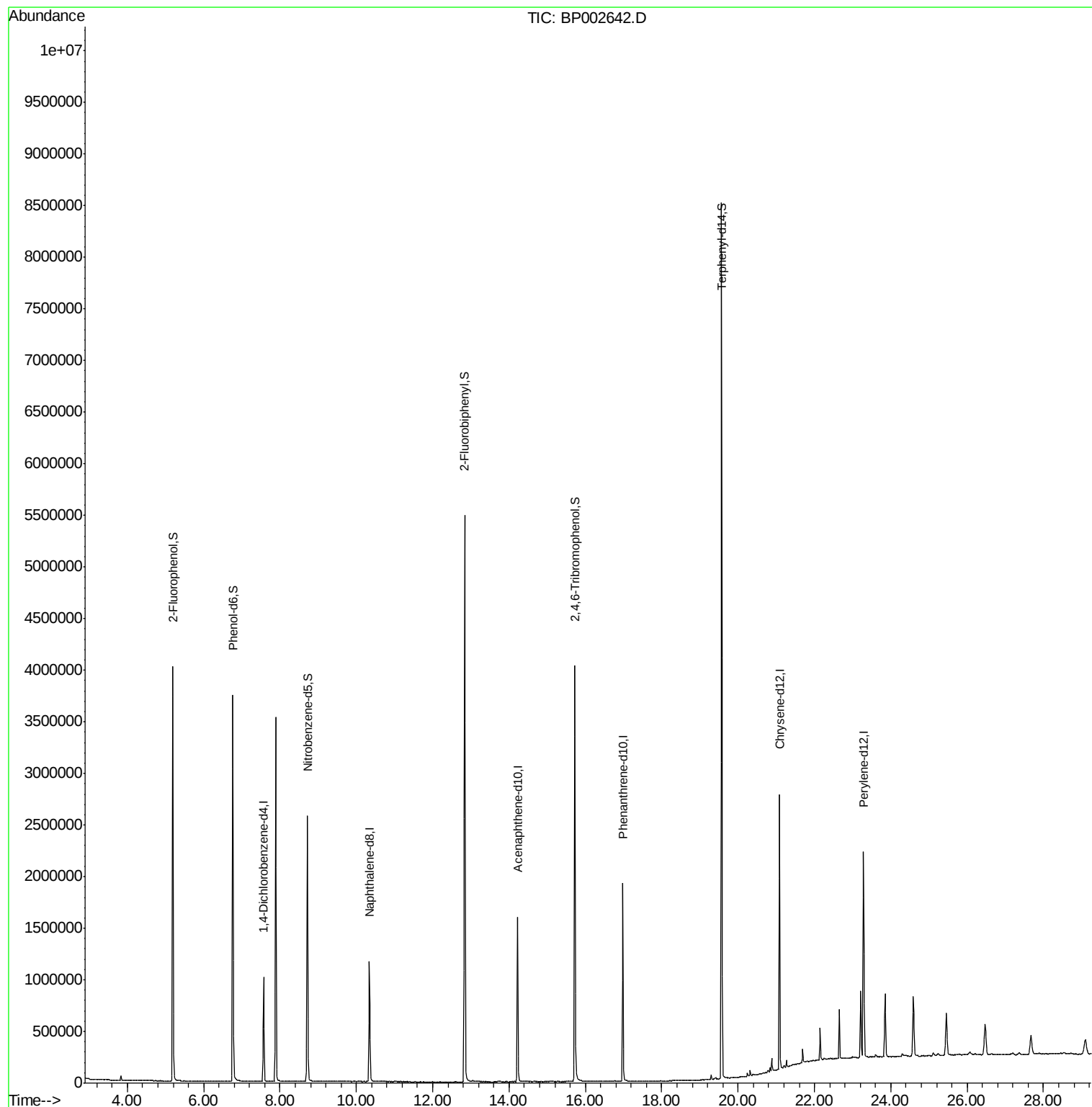
Target Compounds Qvalue

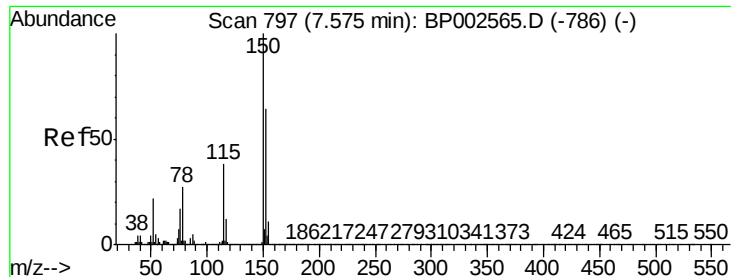
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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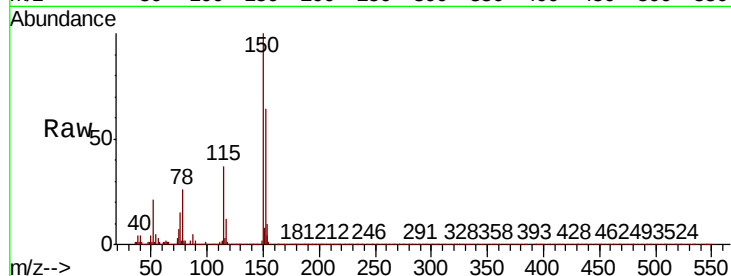


#1

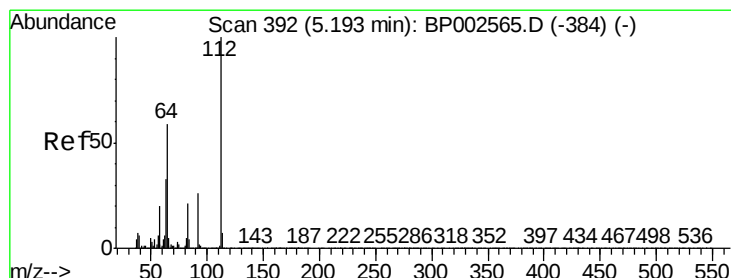
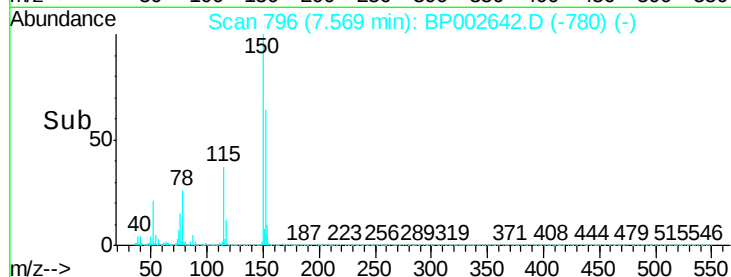
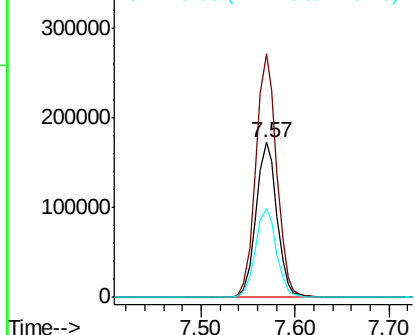
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.57 min Scan# 796
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Instrument :
BNA_P
ClientSampleId :
PB129891BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	124.2	186.2
115	57.8	47.1	70.7



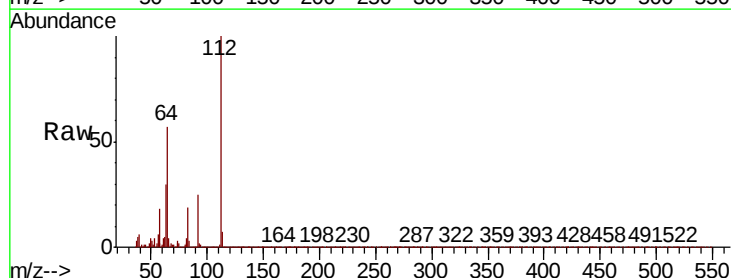
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



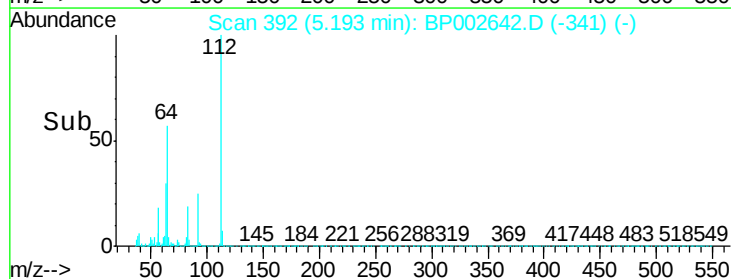
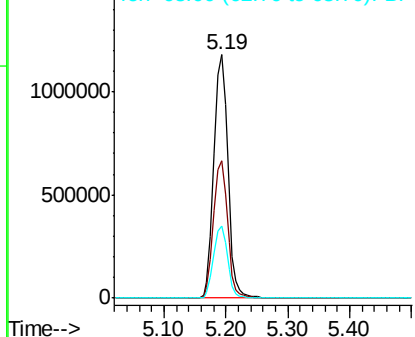
#5

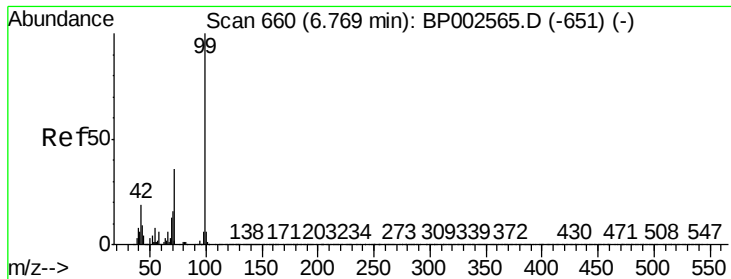
2-Fluorophenol
Concen: 117.365 ng
RT: 5.19 min Scan# 392
Delta R.T. -0.00 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	47.0	70.6
63	29.6	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: 107.579 ng

RT: 6.76 min Scan# 659

Delta R.T. -0.01 min

Lab File: BP002642.D

Acq: 06 Jul 2020 11:20

Instrument :

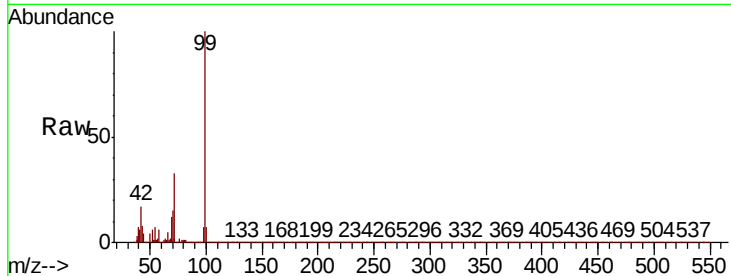
BNA_P

ClientSampleId :

PB129891BL

Tot Ion: 99 Resp: 2357739

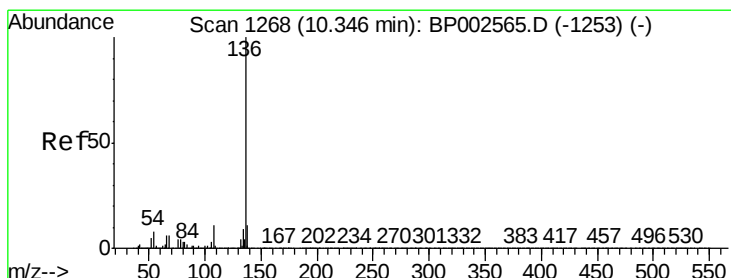
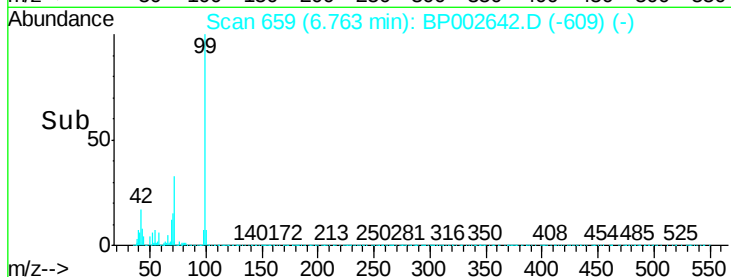
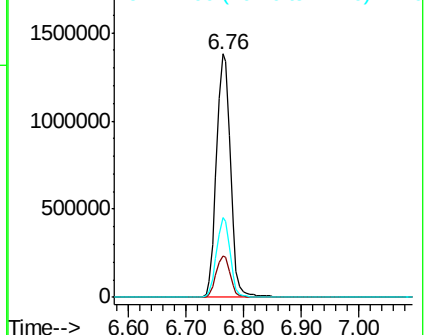
Ion	Ratio	Lower	Upper
99	100		
42	17.2	15.5	23.3
71	32.7	28.9	43.3



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

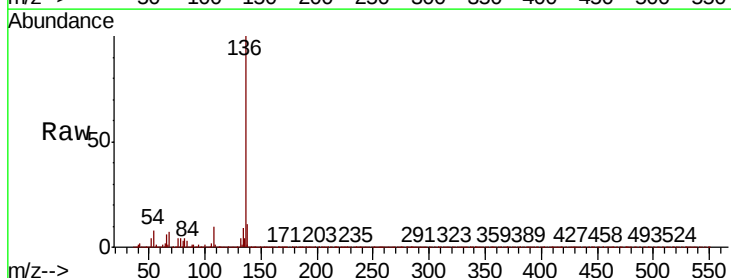
Delta R.T. -0.01 min

Lab File: BP002642.D

Acq: 06 Jul 2020 11:20

Tgt Ion: 136 Resp: 991559

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.4	6.4	9.6
68	6.9	5.1	7.7

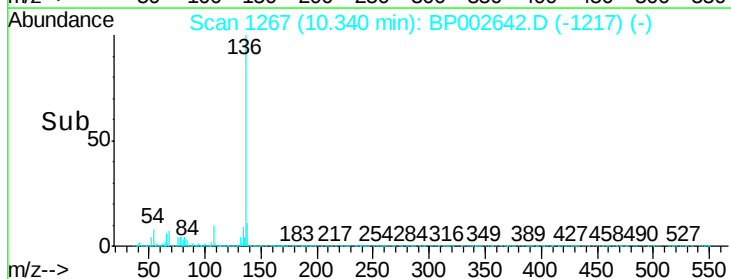
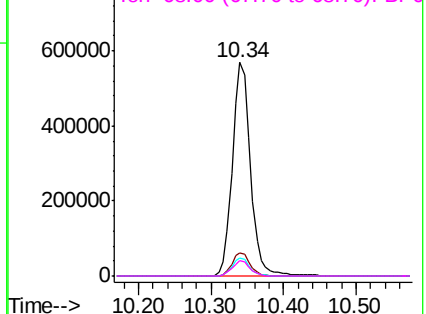


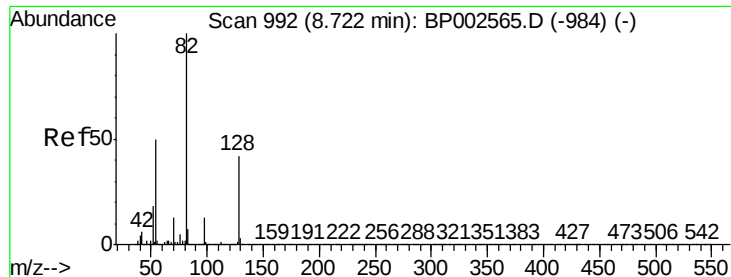
Abundance Ion 136.00 (135.70 to 136.70): E

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

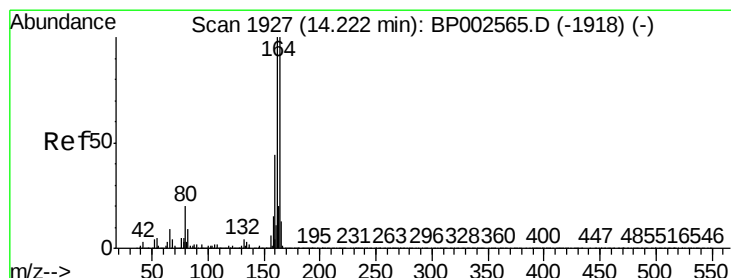
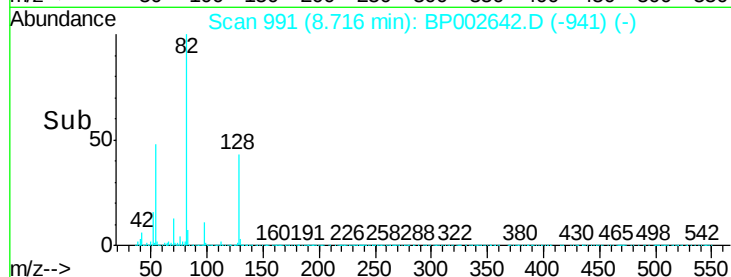
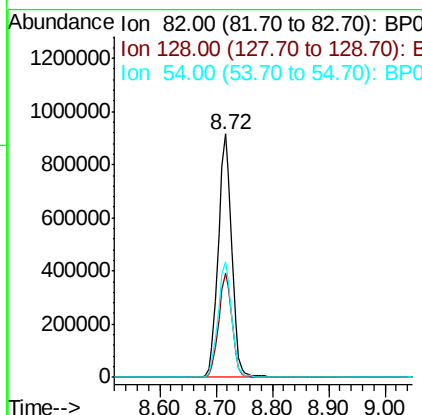
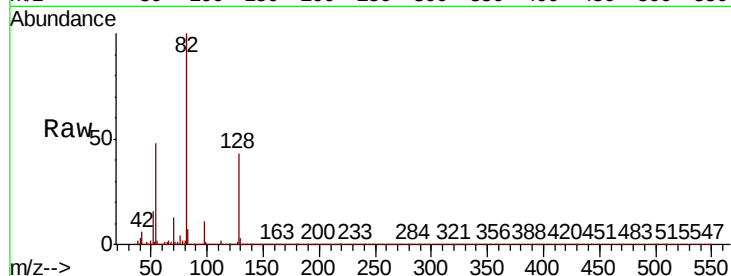




#23
Nitrobenzene-d5
Concen: 79.846 ng
RT: 8.72 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

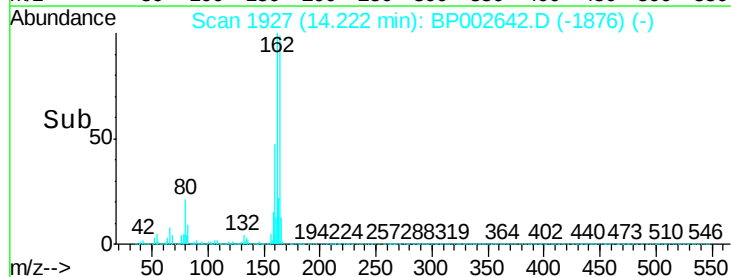
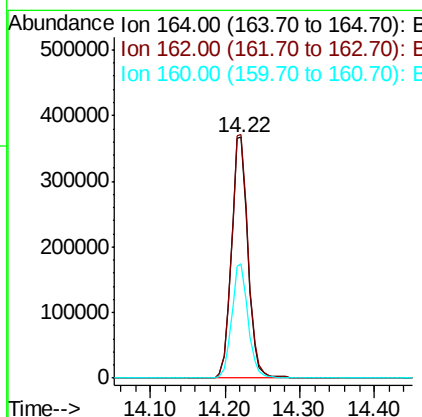
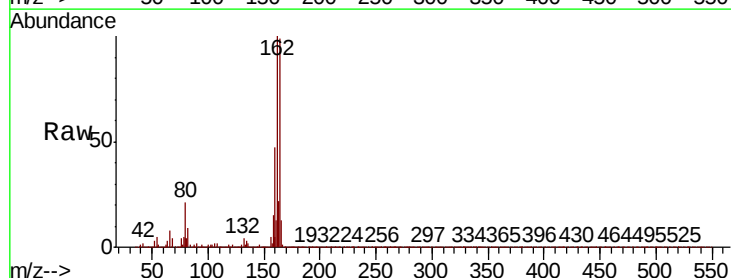
Instrument :
BNA_P
ClientSampleId :
PB129891BL

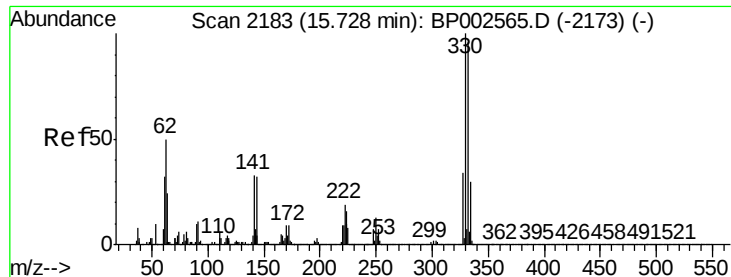
Tot Ion: 82 Resp: 1536570
Ion Ratio Lower Upper
82 100
128 42.7 33.4 50.2
54 47.6 40.1 60.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.22 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion:164 Resp: 569194
Ion Ratio Lower Upper
164 100
162 101.1 80.3 120.5
160 47.3 35.0 52.6

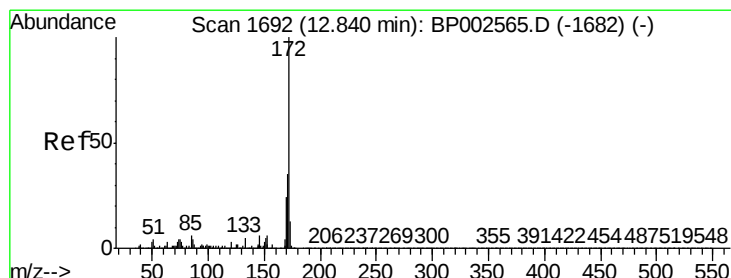
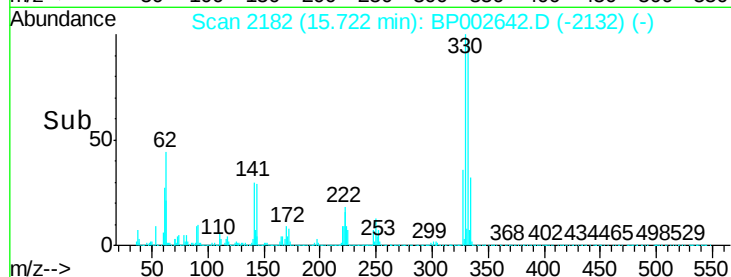
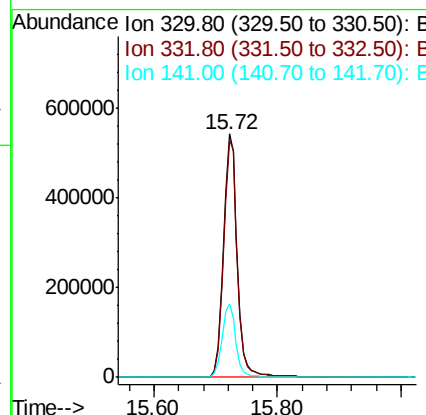
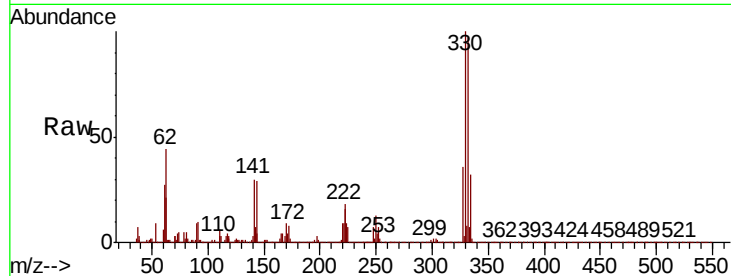




#42
 2,4,6-Tribromophenol
 Concen: 121.700 ng
 RT: 15.72 min Scan# 2182
 Delta R.T. -0.01 min
 Lab File: BP002642.D
 Acq: 06 Jul 2020 11:20

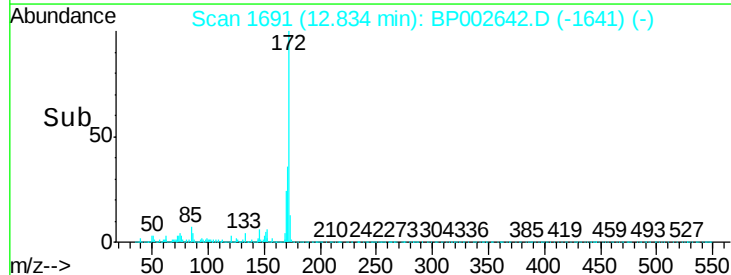
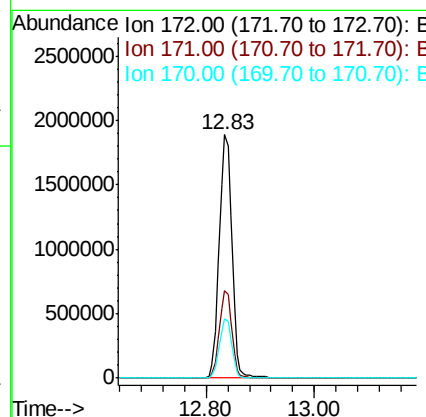
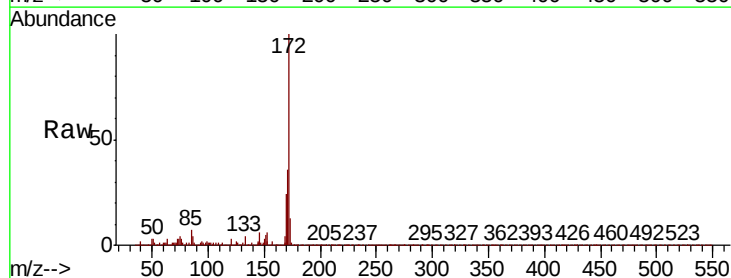
Instrument :
 BNA_P
 ClientSampleId :
 PB129891BL

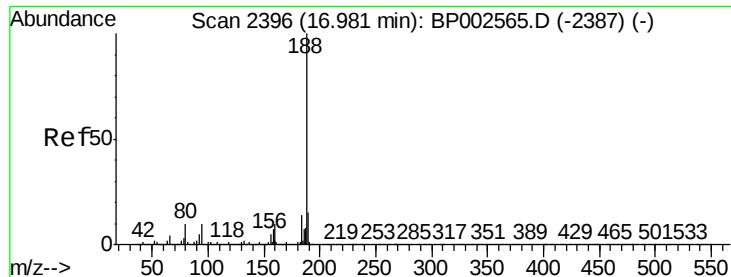
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.7	116.5
141	29.9	29.0	43.6



#45
 2-Fluorobiphenyl
 Concen: 80.491 ng
 RT: 12.83 min Scan# 1691
 Delta R.T. -0.01 min
 Lab File: BP002642.D
 Acq: 06 Jul 2020 11:20

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

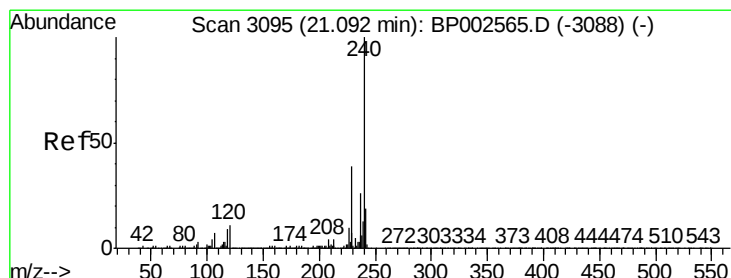
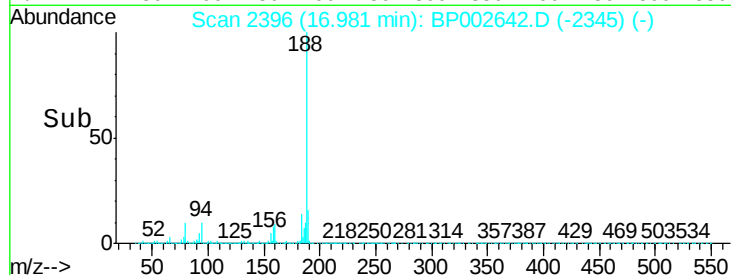
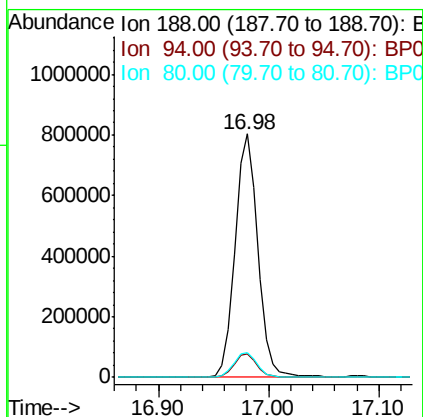
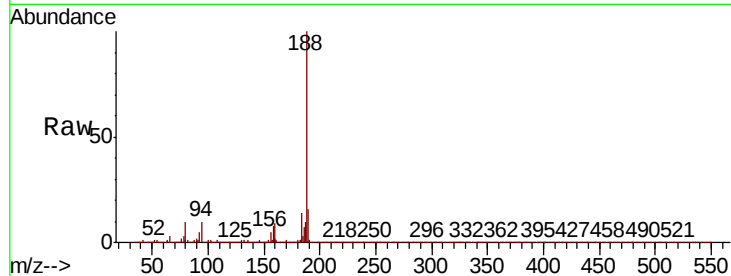




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.98 min Scan# 2396
Delta R.T. -0.00 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

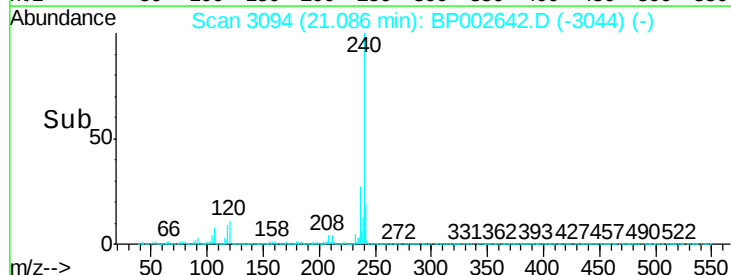
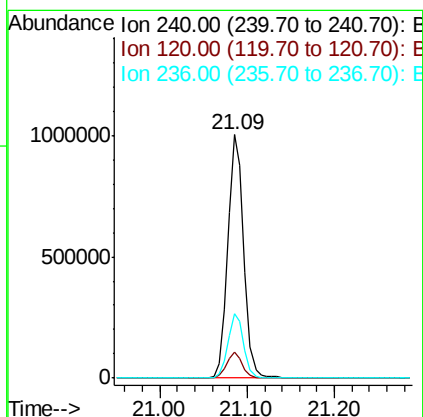
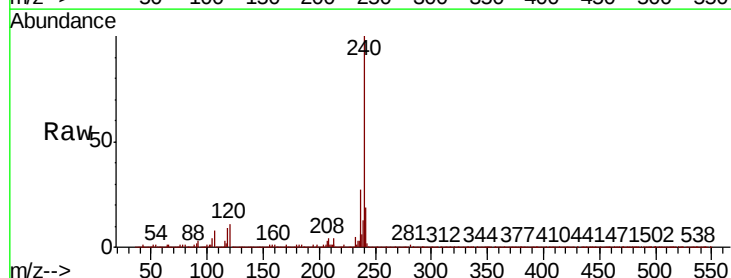
Instrument :
BNA_P
ClientSampleId :
PB129891BL

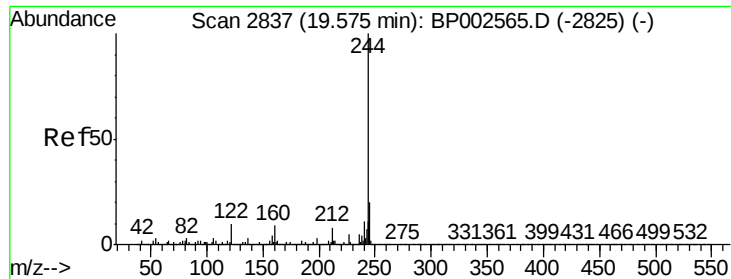
Tot Ion:188 Resp: 1167693
Ion Ratio Lower Upper
188 100
94 9.5 7.8 11.6
80 10.2 8.2 12.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.09 min Scan# 3094
Delta R.T. -0.01 min
Lab File: BP002642.D
Acq: 06 Jul 2020 11:20

Tgt Ion:240 Resp: 1260701
Ion Ratio Lower Upper
240 100
120 10.8 8.6 13.0
236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 74.819 ng

RT: 19.57 min Scan# 2836

Delta R.T. -0.01 min

Lab File: BP002642.D

Acq: 06 Jul 2020 11:20

Instrument :

BNA_P

ClientSampleId :

PB129891BL

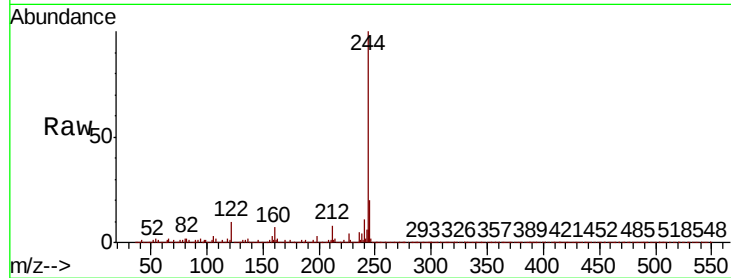
Tot Ion:244 Resp: 4369906

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

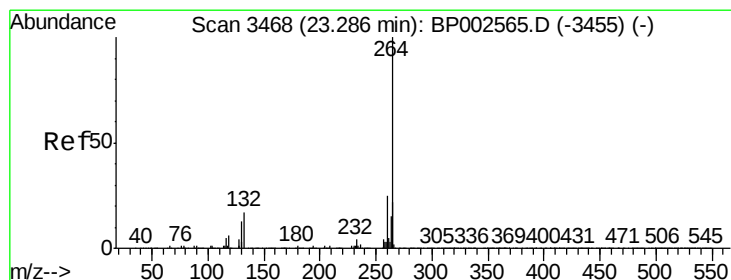
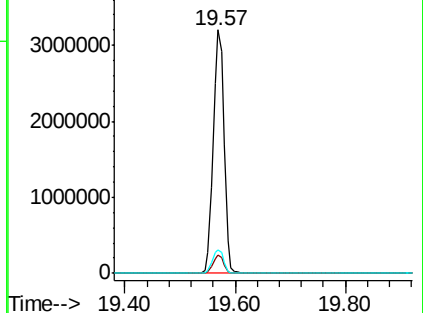
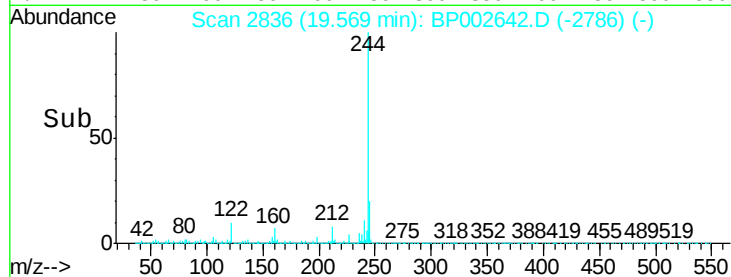
122 9.9 7.9 11.9



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: BP002642.D

Acq: 06 Jul 2020 11:20

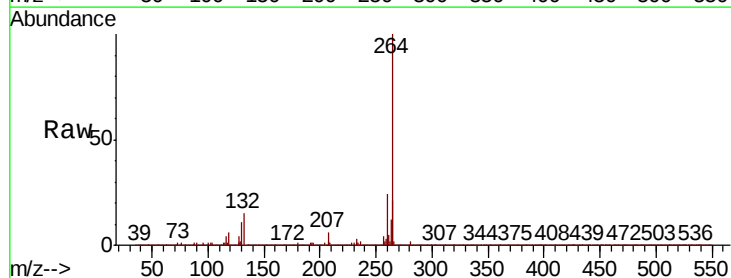
Tgt Ion:264 Resp: 1481226

Ion Ratio Lower Upper

264 100

260 23.8 19.7 29.5

265 21.2 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

