

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001371.D
 Acq On : 23 Dec 2019 17:08
 Operator : JU
 Sample : PB125662BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125662BL

Quant Time: Dec 24 04:39:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	52178	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	186378	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	104568	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	198476	20.00	ng	0.00
76) Chrysene-d12	19.25	240	157269	20.00	ng	0.00
87) Perylene-d12	21.03	264	164061	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	470150	145.63	ng	0.02
7) Phenol-d6	7.76	99	613647	145.67	ng	0.01
23) Nitrobenzene-d5	9.19	82	432431	89.10	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	173234	132.51	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	762578	92.21	ng	0.00
79) Terphenyl-d14	17.89	244	937293	102.08	ng	0.00

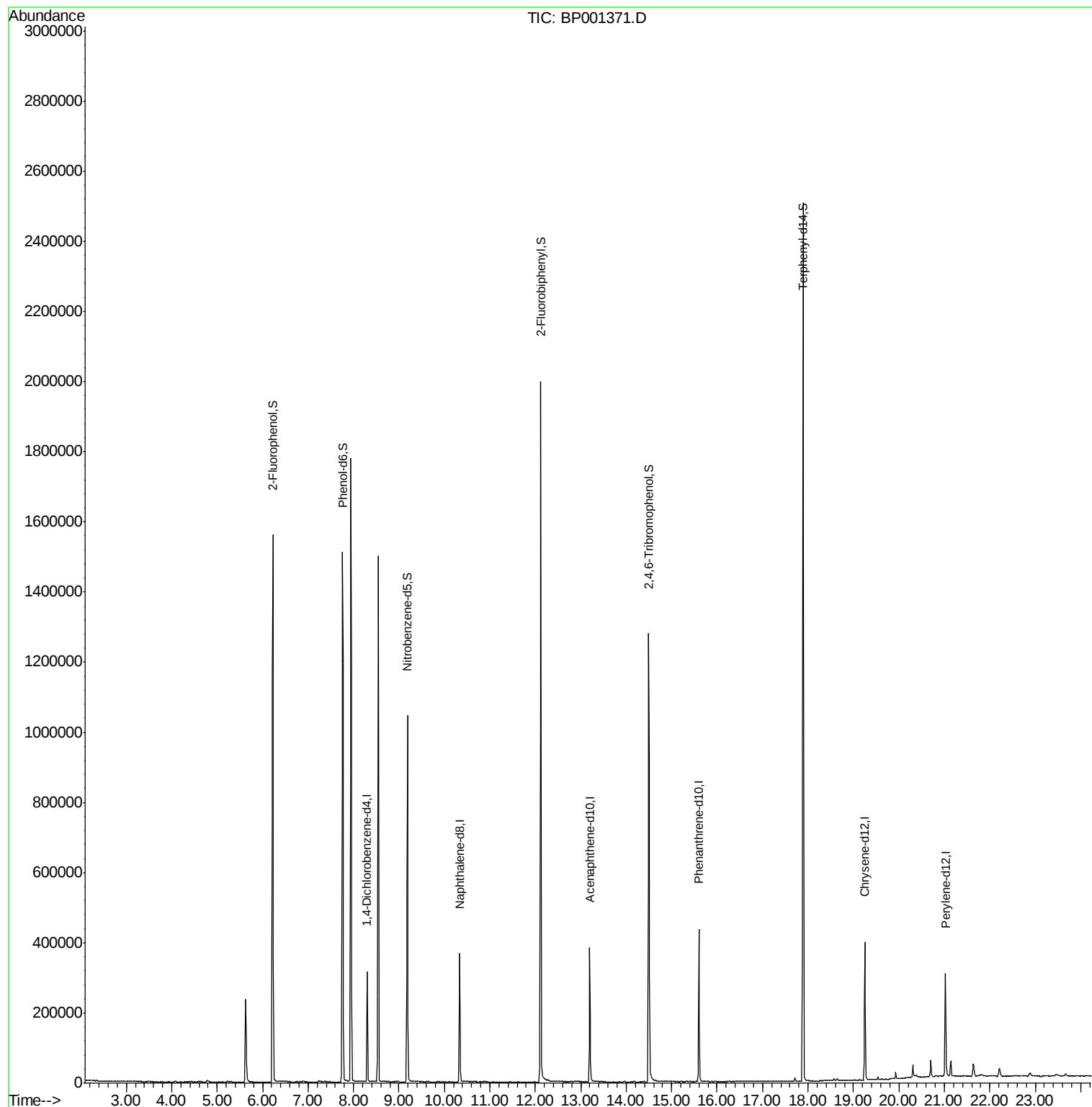
Target Compounds Qvalue

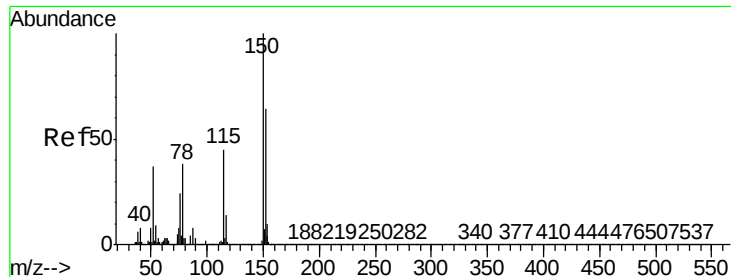
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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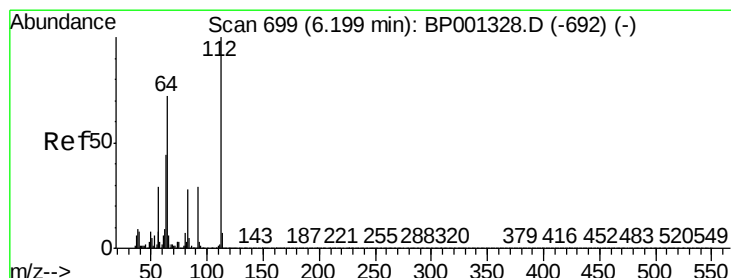
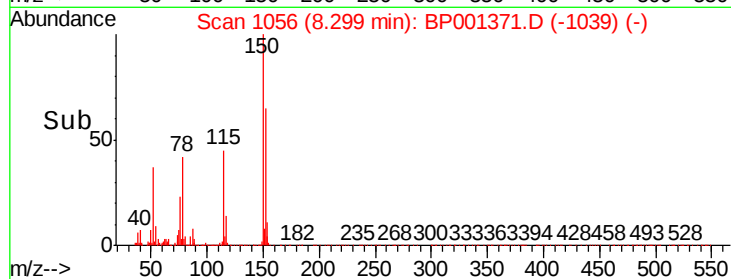
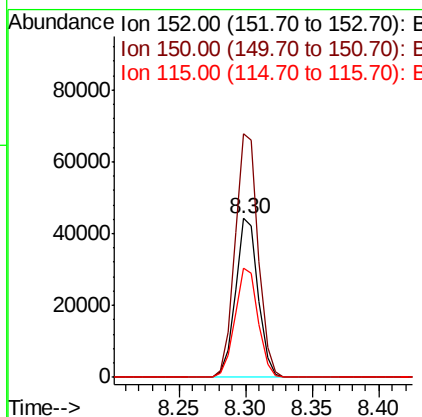
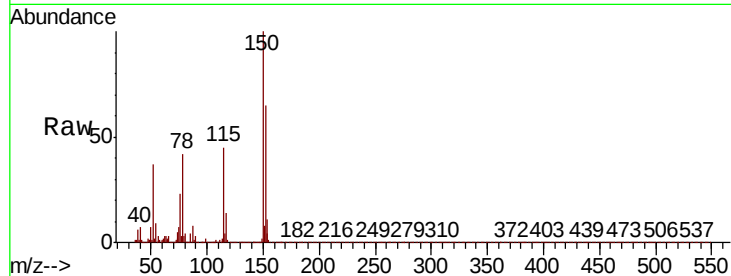




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. -0.00 min
 Lab File: BP001371.D
 Acq: 23 Dec 2019 17:08

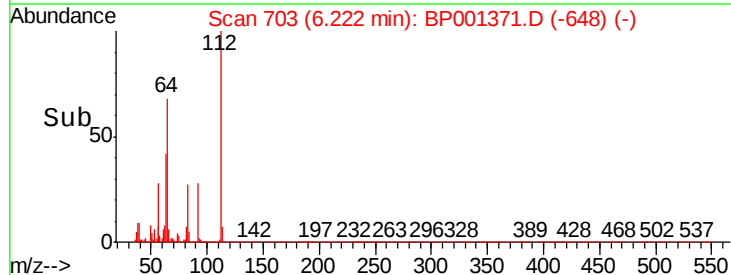
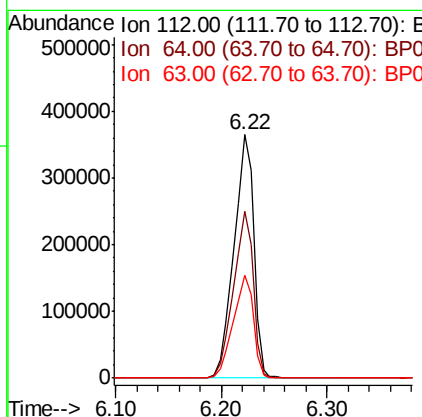
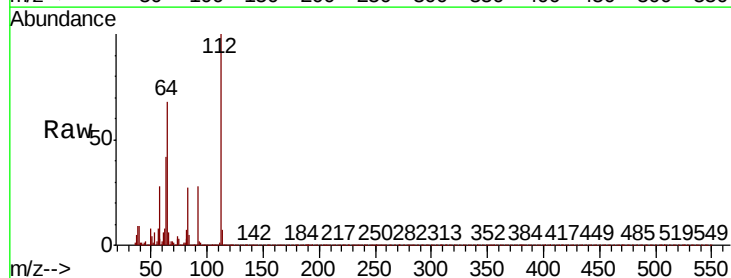
Instrument :
 BNA_P
 ClientSampleId :
 PB125662BL

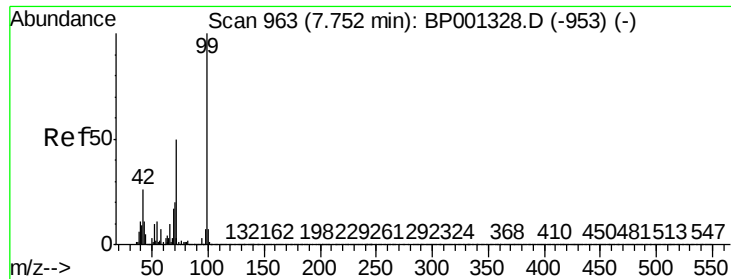
Tot Ion:	152	Resp:	52178
Ion	Ratio	Lower	Upper
152	100		
150	153.4	124.0	186.0
115	69.0	59.3	88.9



#5
 2-Fluorophenol
 Concen: 145.627 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.02 min
 Lab File: BP001371.D
 Acq: 23 Dec 2019 17:08

Tgt Ion:	112	Resp:	470150
Ion	Ratio	Lower	Upper
112	100		
64	68.5	57.6	86.4
63	42.0	35.1	52.7





#7

Phenol-d6

Concen: 145.665 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BP001371.D

Acq: 23 Dec 2019 17:08

Instrument :

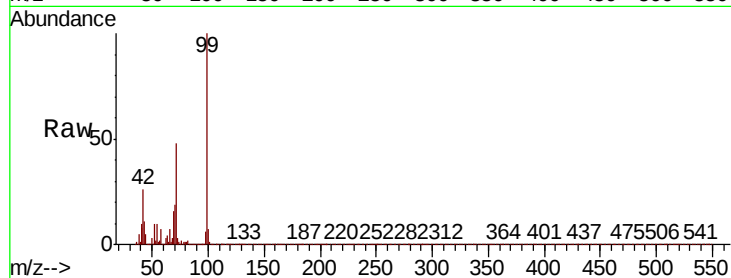
BNA_P

ClientSampleId :

PB125662BL

Tot Ion: 99 Resp: 613647

Ion	Ratio	Lower	Upper
99	100		
42	25.8	20.9	31.3
71	48.0	40.0	60.0

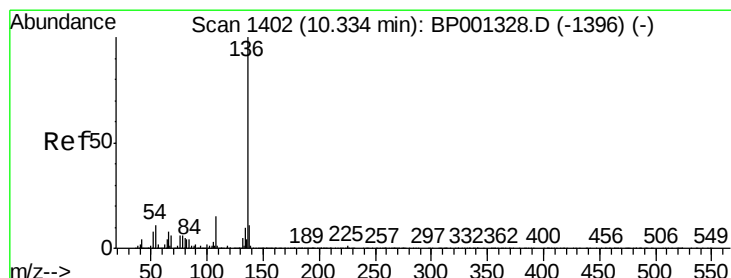
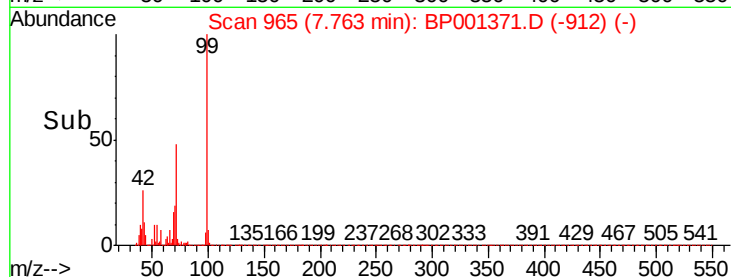
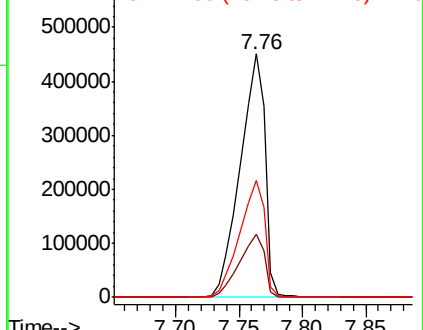


Abundance

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: 10.33 min Scan# 1402

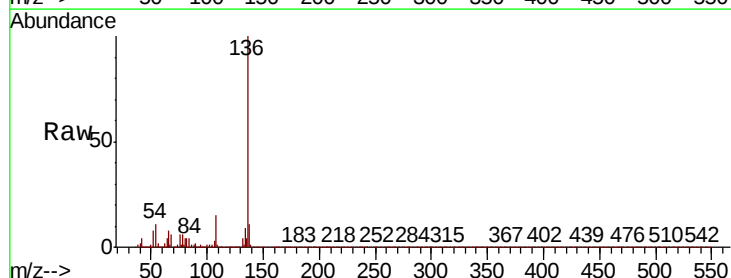
Delta R.T. -0.00 min

Lab File: BP001371.D

Acq: 23 Dec 2019 17:08

Tgt Ion: 136 Resp: 186378

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.7	8.8	13.2
68	5.5	4.6	6.8



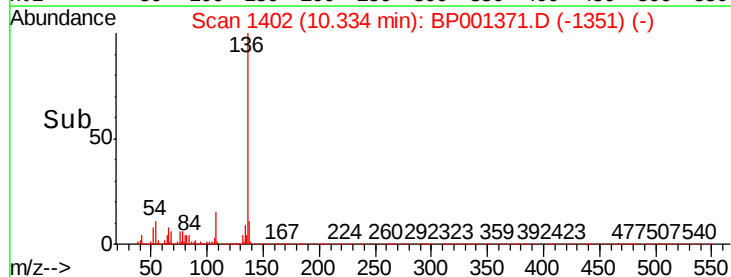
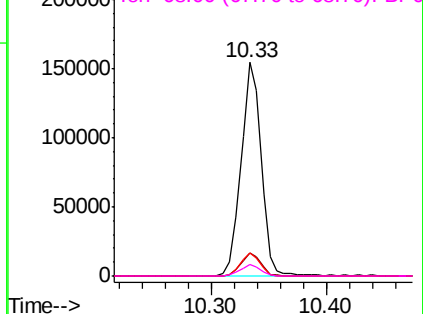
Abundance

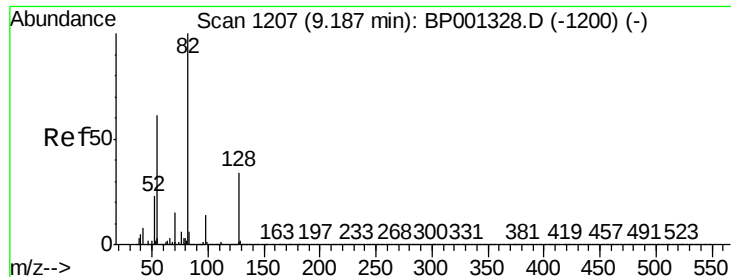
Ion 136.00 (135.70 to 136.70): E

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

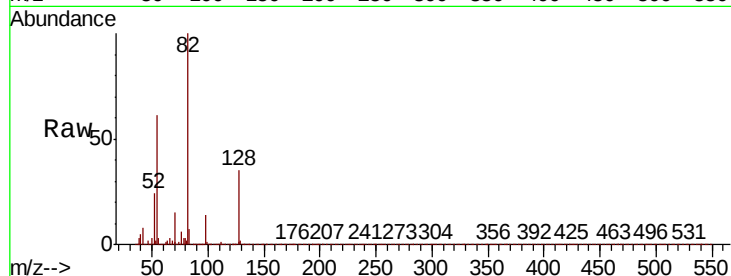




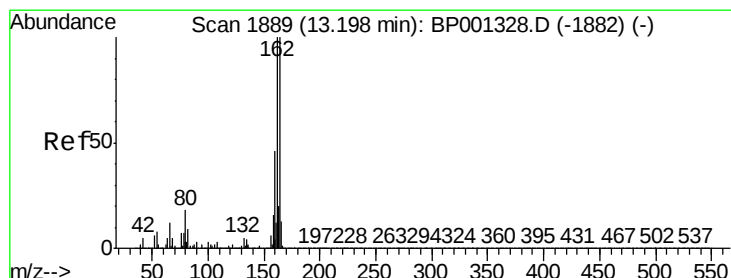
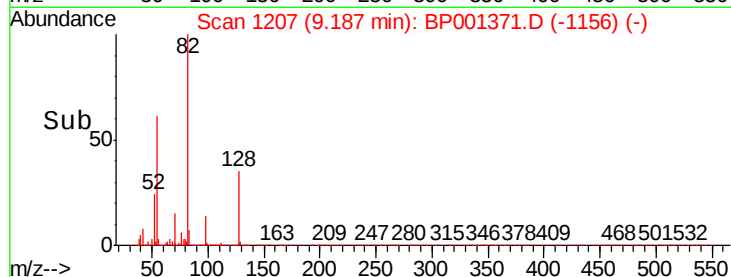
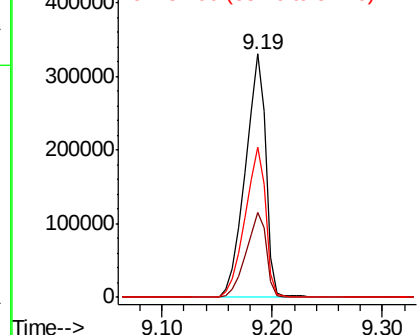
#23
Nitrobenzene-d5
Concen: 89.098 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BP001371.D
Acq: 23 Dec 2019 17:08

Instrument :
BNA_P
ClientSampleId :
PB125662BL

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.8	27.0	40.4
54	61.4	49.0	73.4

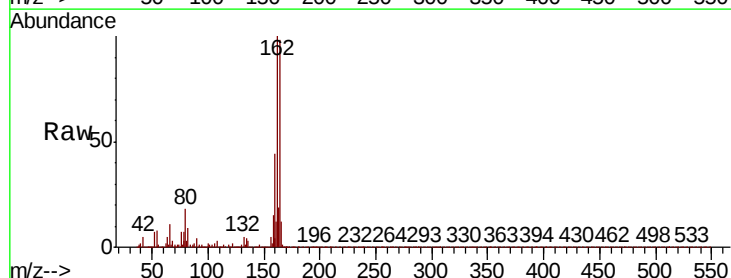


Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0

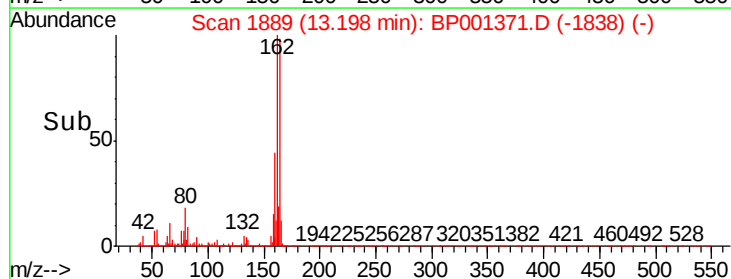
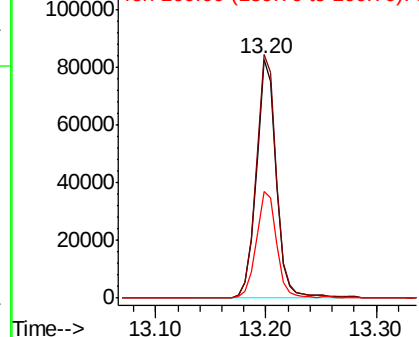


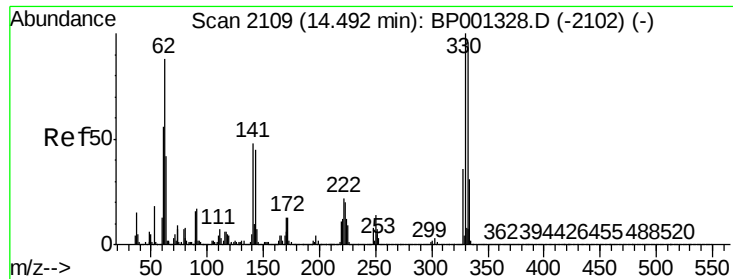
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.00 min
Lab File: BP001371.D
Acq: 23 Dec 2019 17:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.3	120.5
160	44.7	36.6	54.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

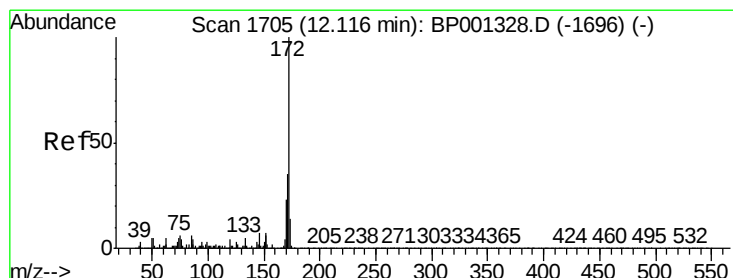
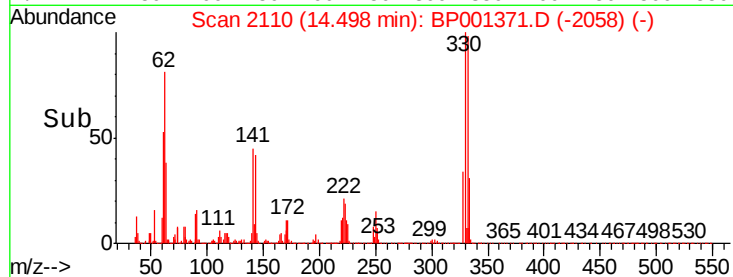
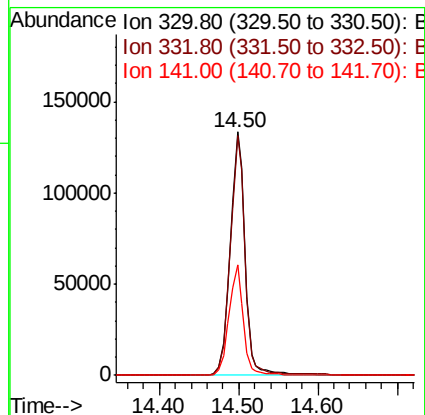
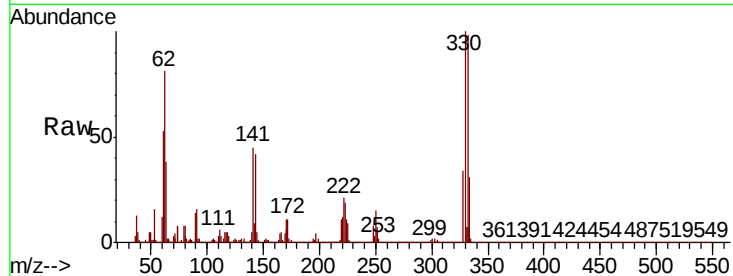




#42
2,4,6-Tribromophenol
Concen: 132.509 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001371.D
Acq: 23 Dec 2019 17:08

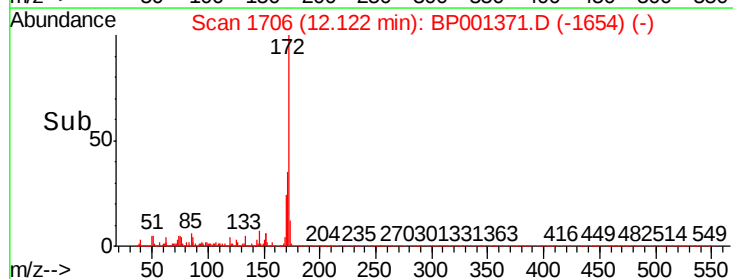
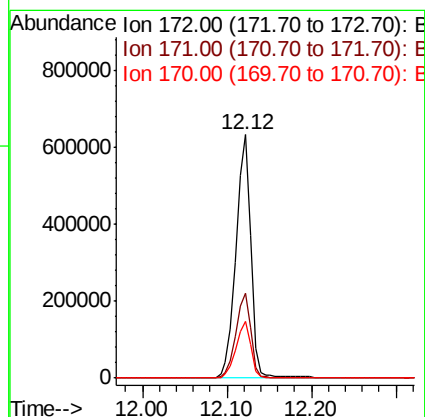
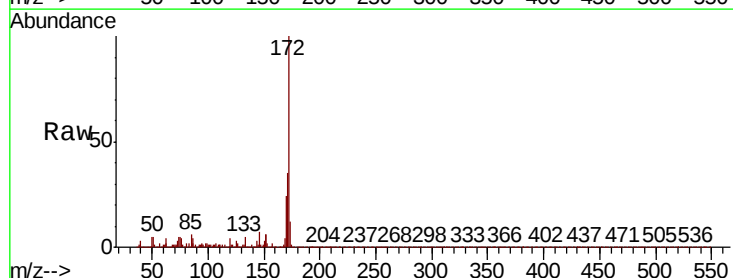
Instrument :
BNA_P
ClientSampleId :
PB125662BL

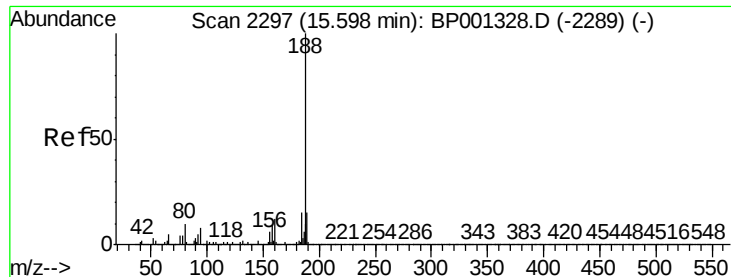
Tot Ion:330 Resp: 173234
Ion Ratio Lower Upper
330 100
332 98.0 78.7 118.1
141 44.5 36.2 54.4



#45
2-Fluorobiphenyl
Concen: 92.215 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001371.D
Acq: 23 Dec 2019 17:08

Tgt Ion:172 Resp: 762578
Ion Ratio Lower Upper
172 100
171 35.0 27.7 41.5
170 23.6 18.6 28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BP001371.D

Acq: 23 Dec 2019 17:08

Instrument :

BNA_P

ClientSampleId :

PB125662BL

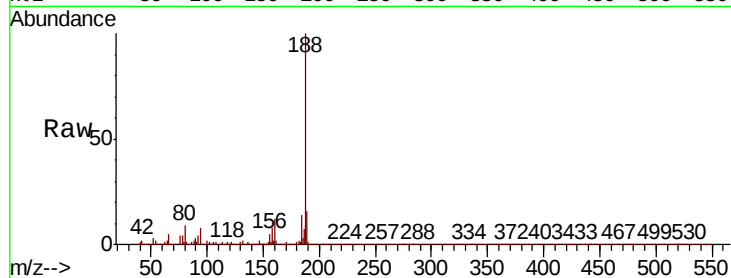
Tot Ion:188 Resp: 198476

Ion Ratio Lower Upper

188 100

94 7.5 6.6 10.0

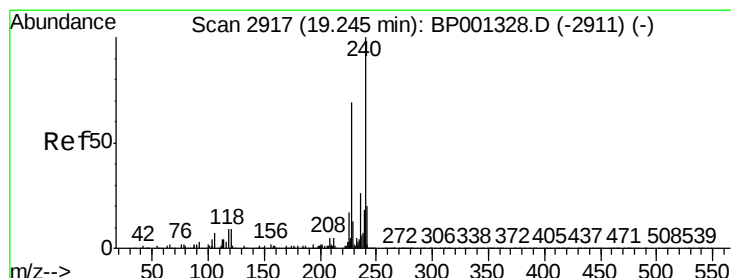
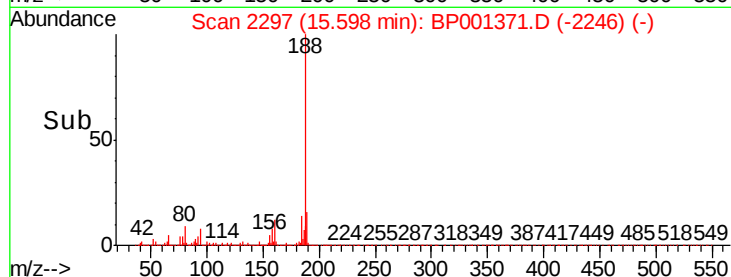
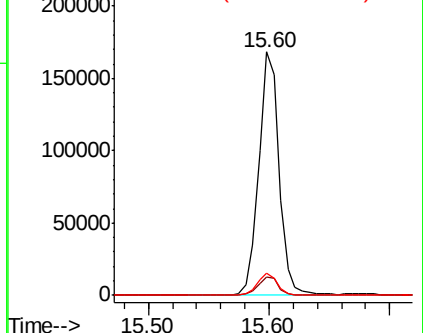
80 9.3 7.8 11.6



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: 19.25 min Scan# 2918

Delta R.T. 0.01 min

Lab File: BP001371.D

Acq: 23 Dec 2019 17:08

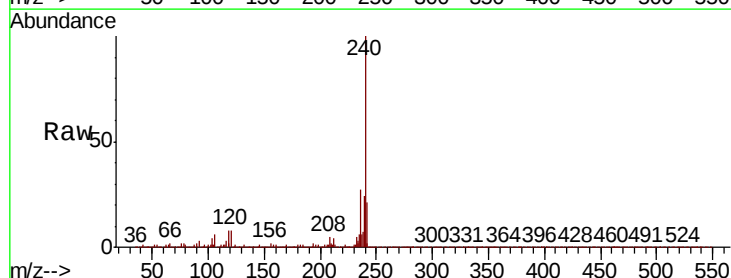
Tgt Ion:240 Resp: 157269

Ion Ratio Lower Upper

240 100

120 8.2 7.6 11.4

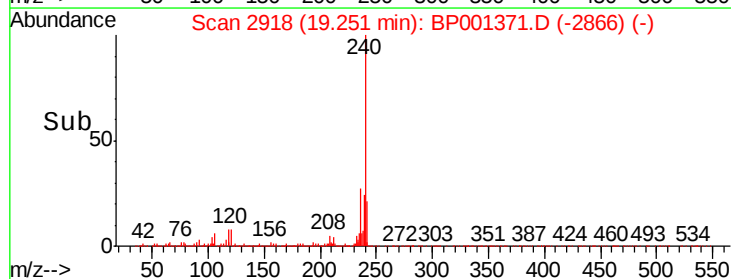
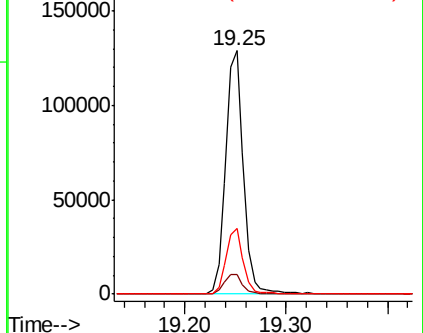
236 26.7 21.0 31.4

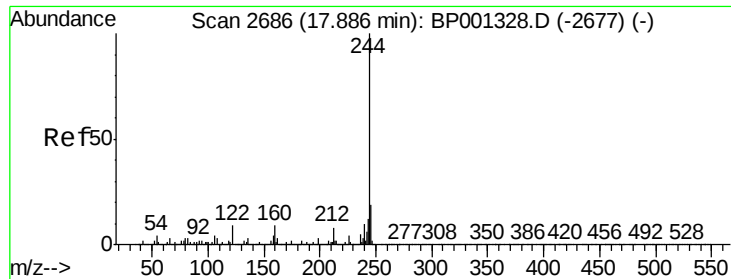


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 102.078 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BP001371.D

Acq: 23 Dec 2019 17:08

Instrument :

BNA_P

ClientSampleId :

PB125662BL

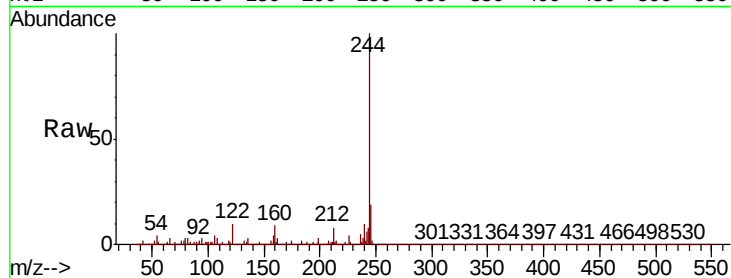
Tot Ion:244 Resp: 937293

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

122 10.2 7.6 11.4

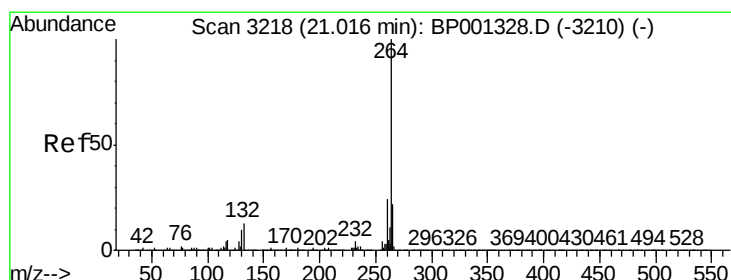
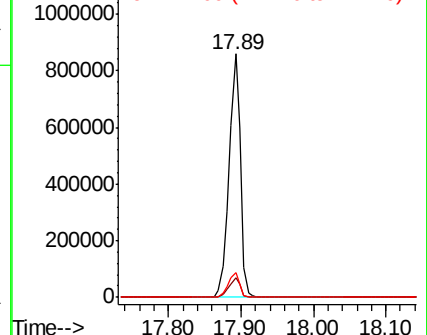
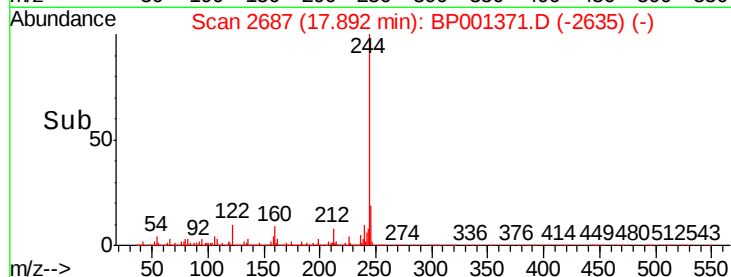


Abundance

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.03 min Scan# 3220

Delta R.T. 0.01 min

Lab File: BP001371.D

Acq: 23 Dec 2019 17:08

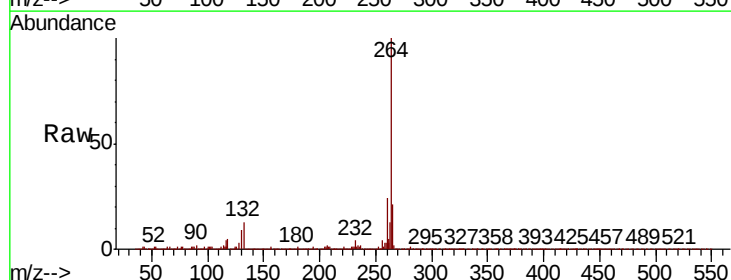
Tgt Ion:264 Resp: 164061

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.1 17.4 26.2



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

