

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001375.D
 Acq On : 23 Dec 2019 19:08
 Operator : JU
 Sample : K6401-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0B39

Quant Time: Dec 24 05:54:23 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

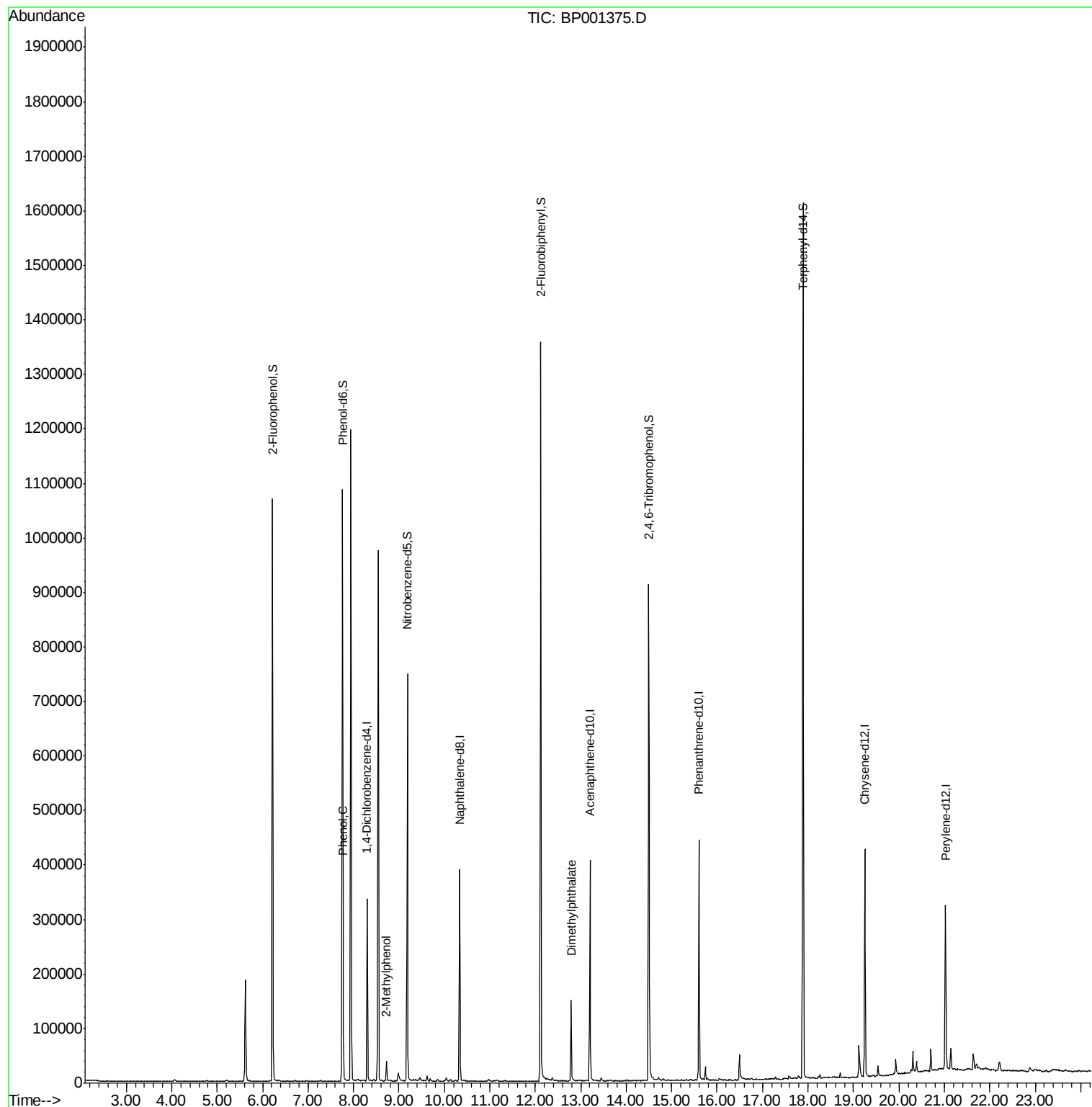
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	55047	20.00	ng	0.00
21) Naphthalene-d8	10.33	136	190929	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	111824	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	209428	20.00	ng	0.00
76) Chrysene-d12	19.25	240	155348	20.00	ng	0.00
87) Perylene-d12	21.03	264	162296	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	318325	93.46	ng	0.02
7) Phenol-d6	7.76	99	423108	95.20	ng	0.00
23) Nitrobenzene-d5	9.19	82	296852	59.71	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	124451	89.02	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	540998	61.18	ng	0.00
79) Terphenyl-d14	17.89	244	612580	67.54	ng	0.00
Target Compounds						
10) Phenol	7.78	94	13132	2.586	ng	Qvalue # 74
17) 2-Methylphenol	8.72	107	6875	2.272	ng	97
50) Dimethylphthalate	12.79	163	70165	7.648	ng	100

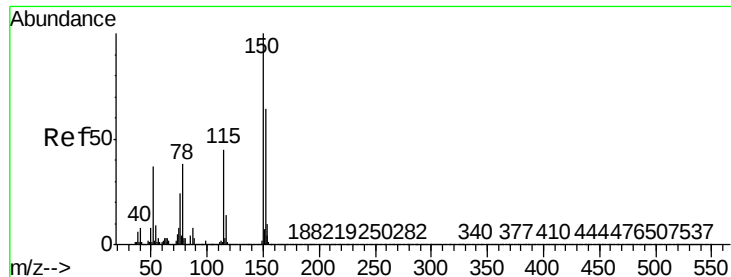
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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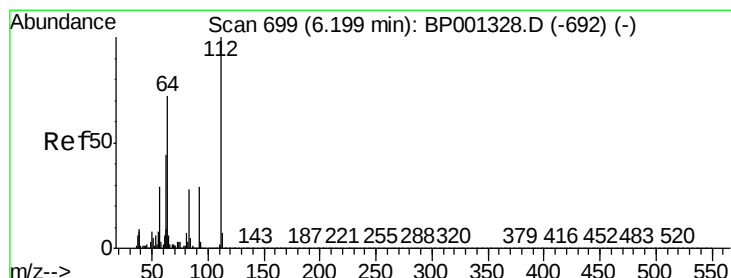
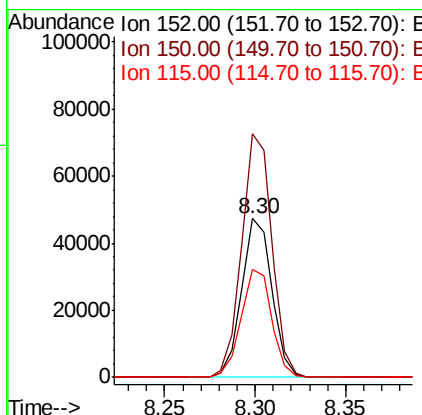
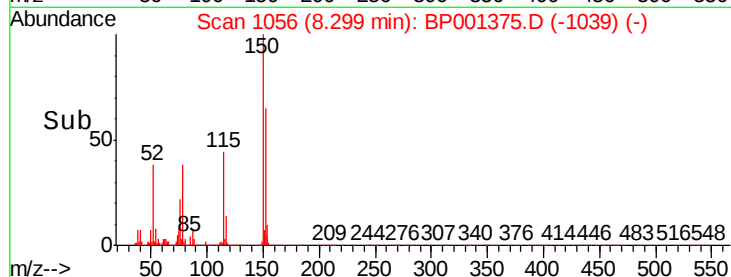
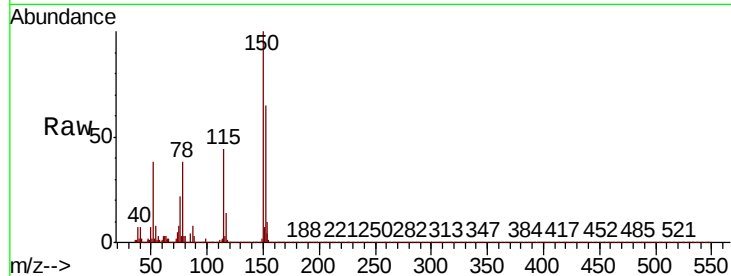




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1056
 Delta R.T. 0.00 min
 Lab File: BP001375.D
 Acq: 23 Dec 2019 19:08

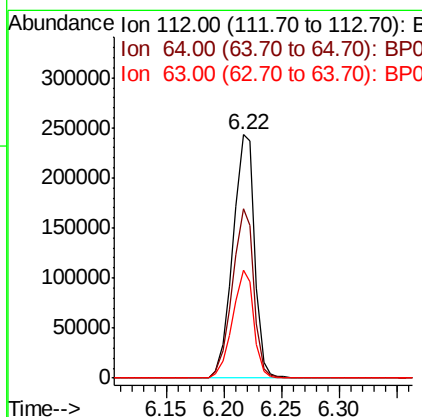
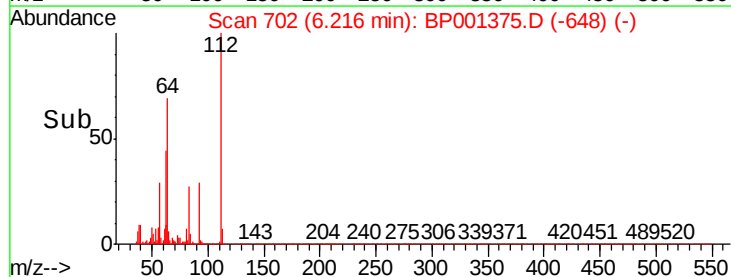
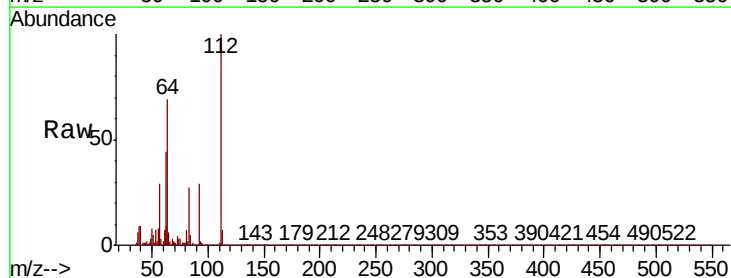
Instrument :
 BNA_P
 ClientSampleId :
 C0B39

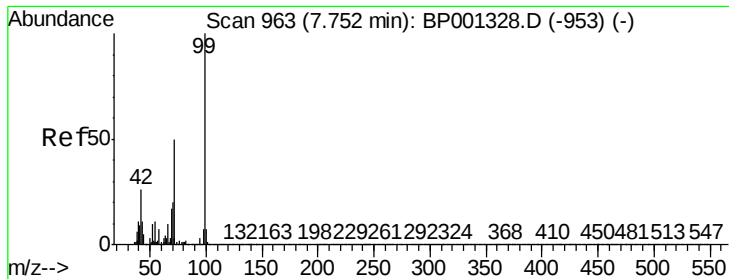
Tot Ion:	152	Resp:	55047
Ion	Ratio	Lower	Upper
152	100		
150	153.3	124.0	186.0
115	68.0	59.3	88.9



#5
 2-Fluorophenol
 Concen: 93.461 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.02 min
 Lab File: BP001375.D
 Acq: 23 Dec 2019 19:08

Tgt Ion:	112	Resp:	318325
Ion	Ratio	Lower	Upper
112	100		
64	69.3	57.6	86.4
63	44.1	35.1	52.7





#7

Phenol-d6

Concen: 95.201 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001375.D

Acq: 23 Dec 2019 19:08

Instrument :

BNA_P

ClientSampleId :

C0B39

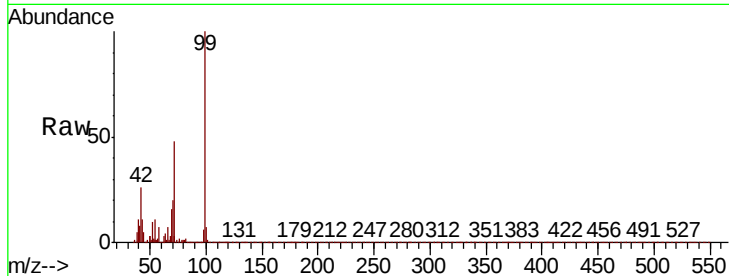
Tot Ion: 99 Resp: 423108

Ion Ratio Lower Upper

99 100

42 25.8 20.9 31.3

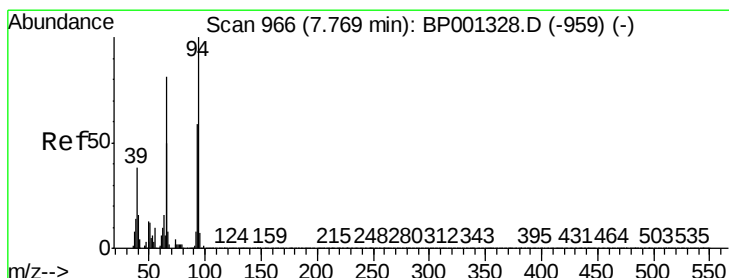
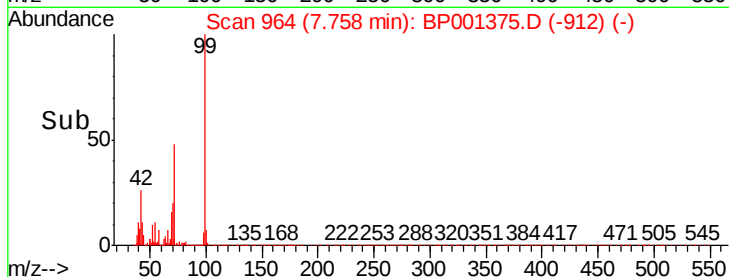
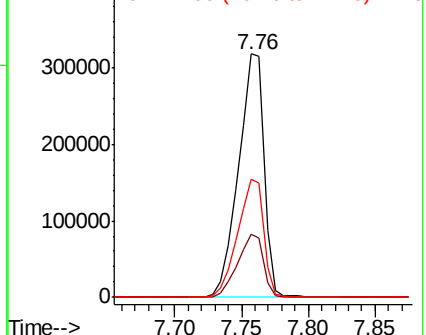
71 48.4 40.0 60.0



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



#10

Phenol

Concen: 2.586 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001375.D

Acq: 23 Dec 2019 19:08

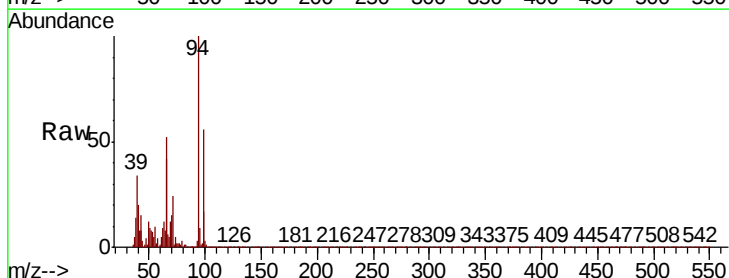
Tgt Ion: 94 Resp: 13132

Ion Ratio Lower Upper

94 100

65 41.8 30.4 70.4

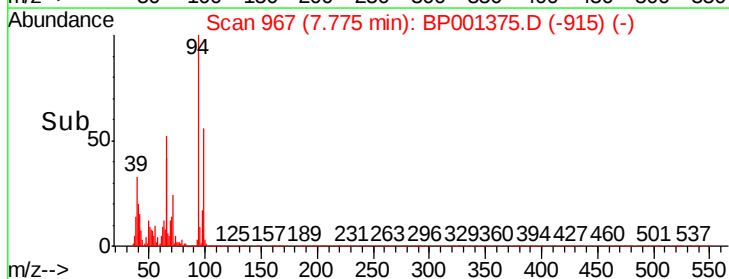
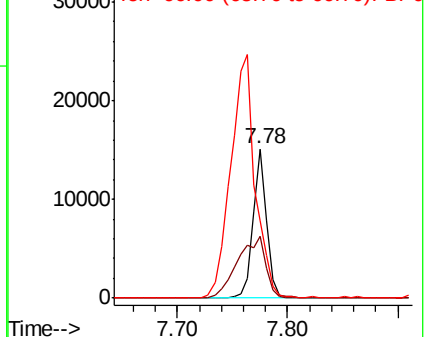
66 51.8 62.0 102.0#

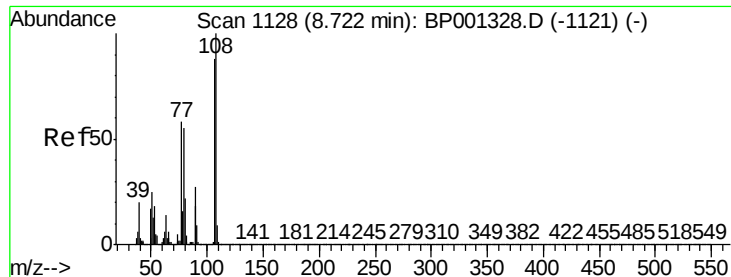


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

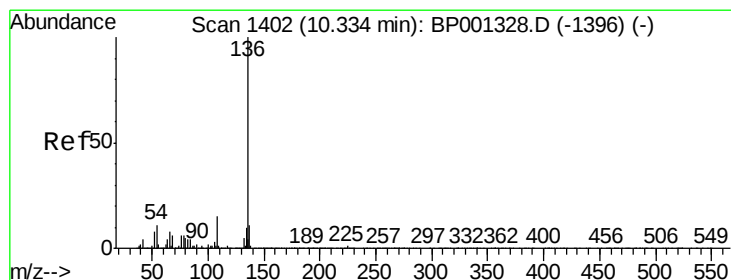
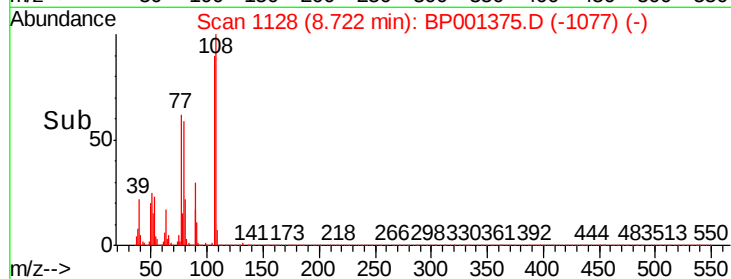
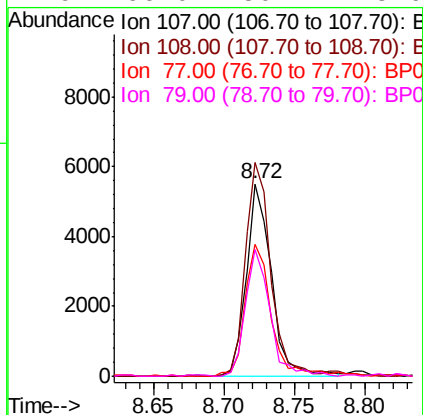
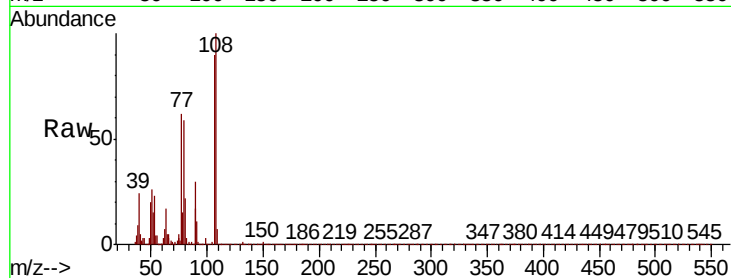




#17
2-Methylphenol
Concen: 2.272 ng
RT: 8.72 min Scan# 1128
Delta R.T. 0.00 min
Lab File: BP001375.D
Acq: 23 Dec 2019 19:08

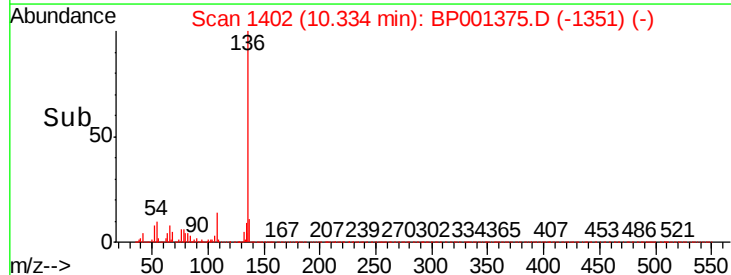
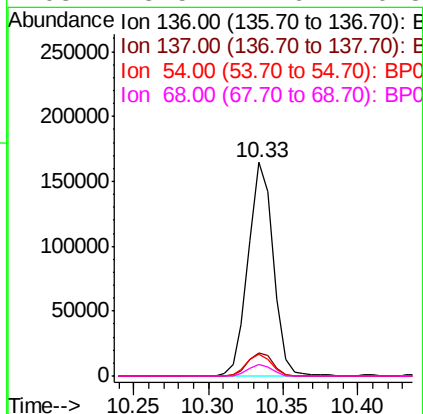
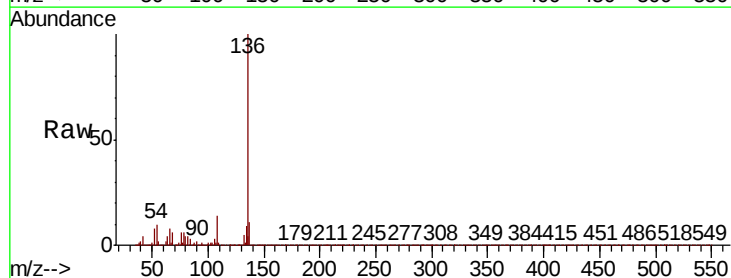
Instrument :
BNA_P
ClientSampleId :
C0B39

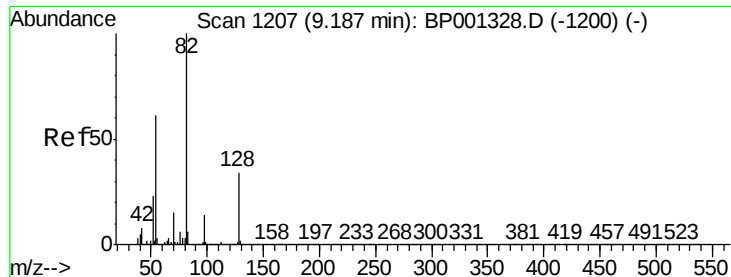
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	90.7	136.1
77	68.9	52.7	79.1
79	66.0	50.4	75.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.33 min Scan# 1402
Delta R.T. 0.00 min
Lab File: BP001375.D
Acq: 23 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	10.0	8.8	13.2
68	5.5	4.6	6.8

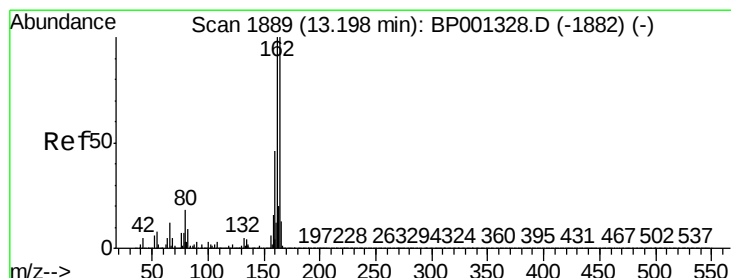
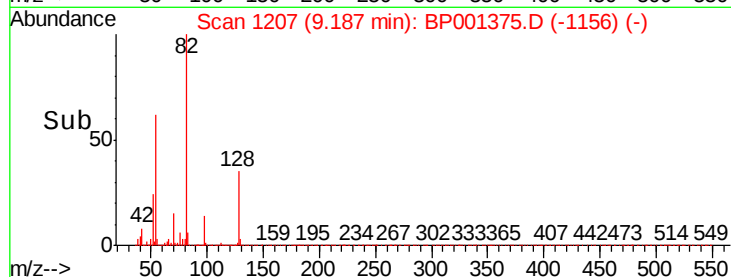
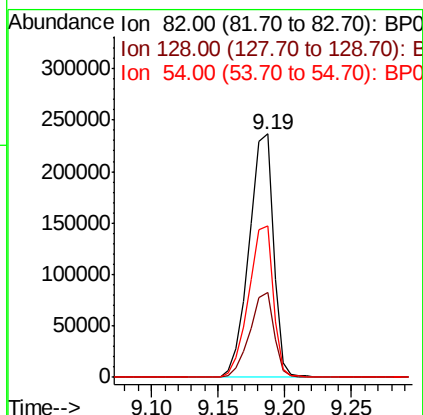
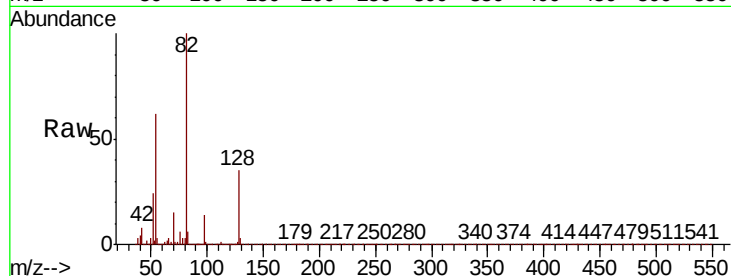




#23
 Nitrobenzene-d5
 Concen: 59.705 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BP001375.D
 Acq: 23 Dec 2019 19:08

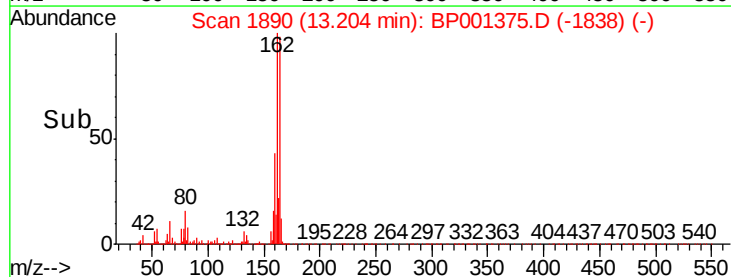
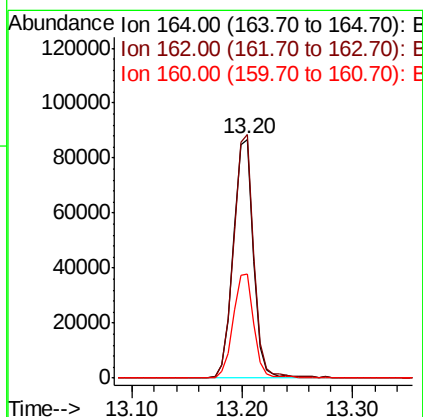
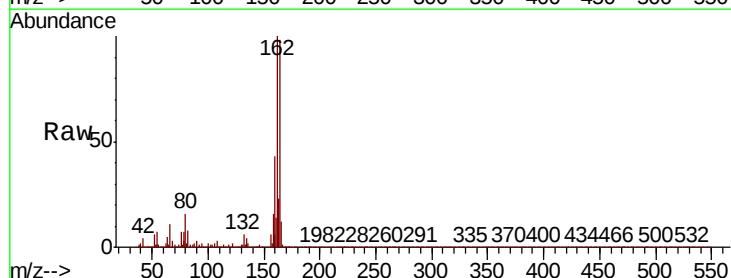
Instrument :
 BNA_P
 ClientSampleId :
 C0B39

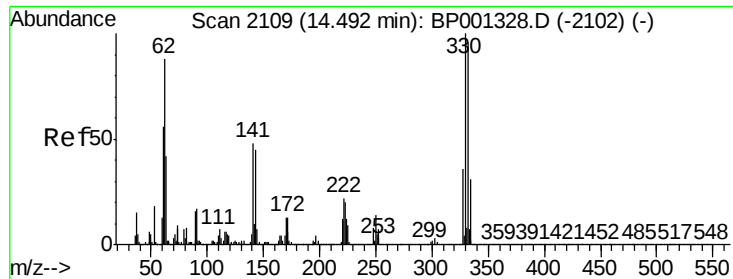
Tot Ion	82	Resp	296852
Ion Ratio	Lower	Upper	
82	100		
128	34.9	27.0	40.4
54	62.2	49.0	73.4



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. 0.01 min
 Lab File: BP001375.D
 Acq: 23 Dec 2019 19:08

Tgt Ion	164	Resp	111824
Ion Ratio	Lower	Upper	
164	100		
162	102.0	80.3	120.5
160	43.8	36.6	54.8

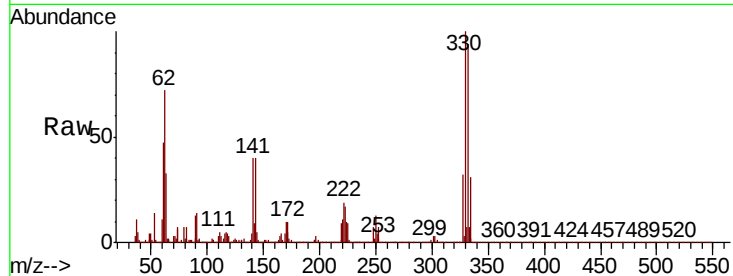




#42
2,4,6-Tribromophenol
Concen: 89.017 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001375.D
Acq: 23 Dec 2019 19:08

Instrument :
BNA_P
ClientSampleId :
C0B39

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	78.7	118.1
141	43.8	36.2	54.4

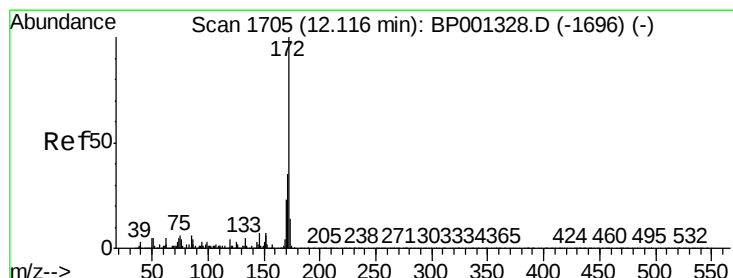
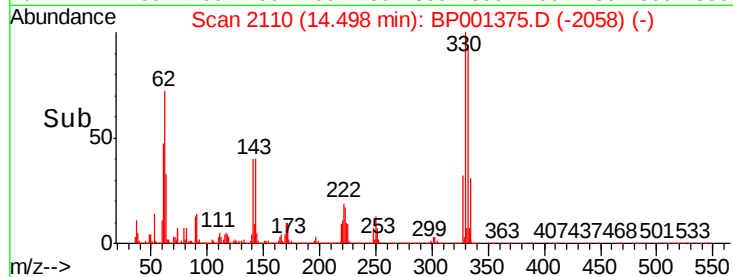
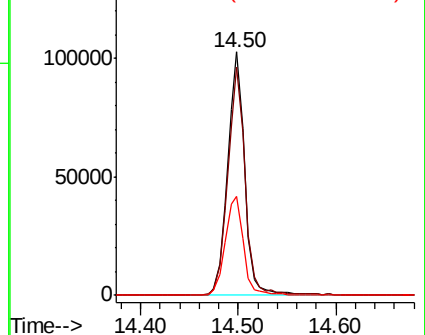


Abundance

Ion 329.80 (329.50 to 330.50): E

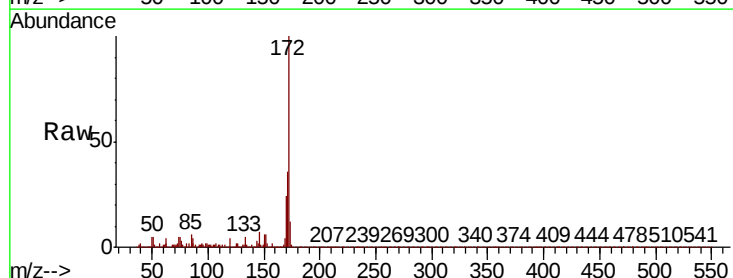
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 61.175 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001375.D
Acq: 23 Dec 2019 19:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.7	41.5
170	23.7	18.6	28.0

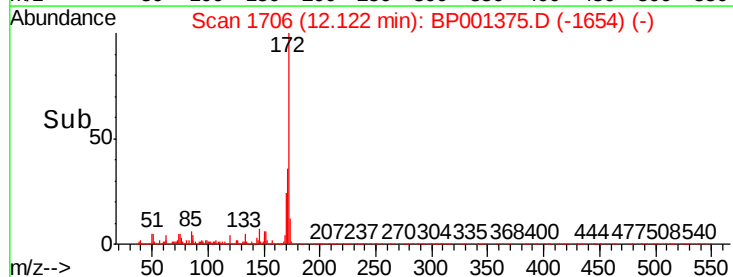
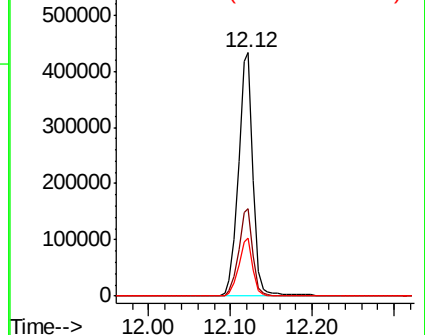


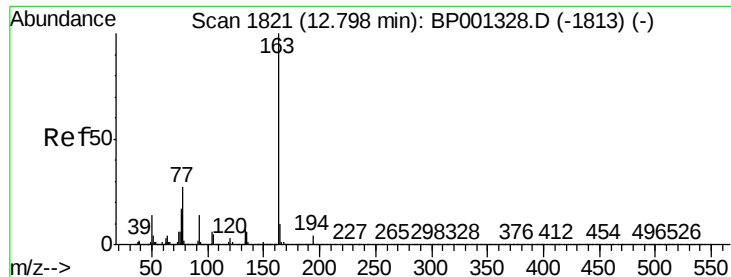
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 7.648 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BP001375.D

Acq: 23 Dec 2019 19:08

Instrument :

BNA_P

ClientSampleId :

C0B39

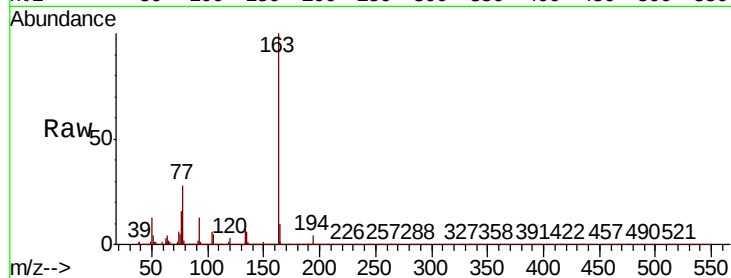
Tot Ion:163 Resp: 70165

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.0

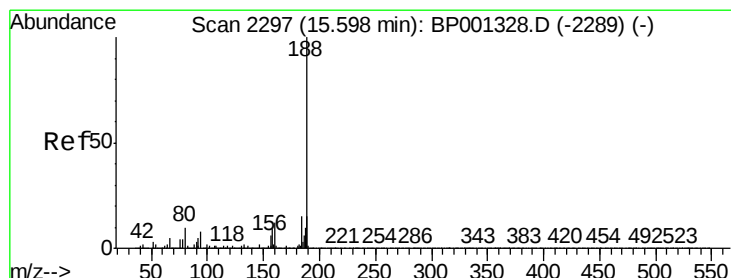
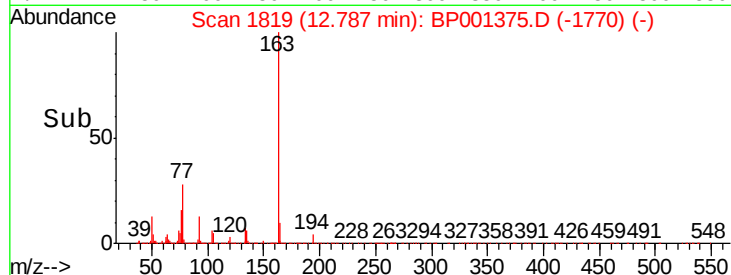
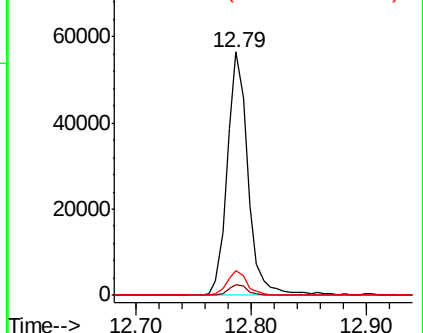
164 10.0 7.9 11.9



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BP001375.D

Acq: 23 Dec 2019 19:08

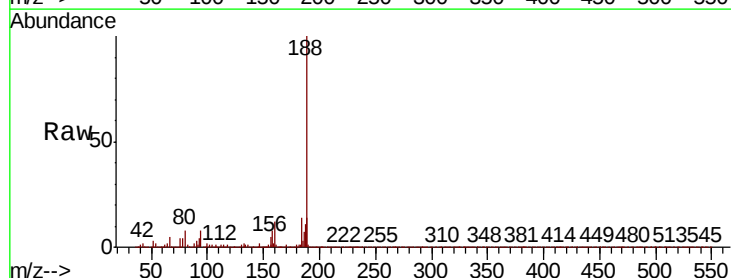
Tgt Ion:188 Resp: 209428

Ion Ratio Lower Upper

188 100

94 7.6 6.6 10.0

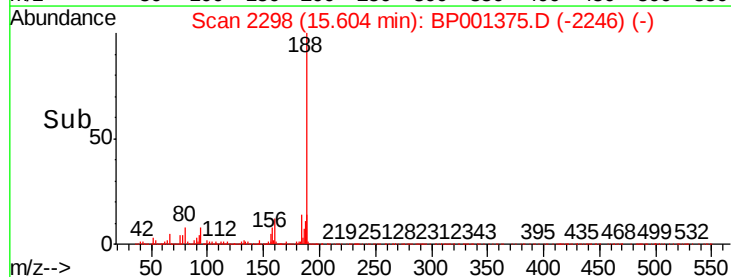
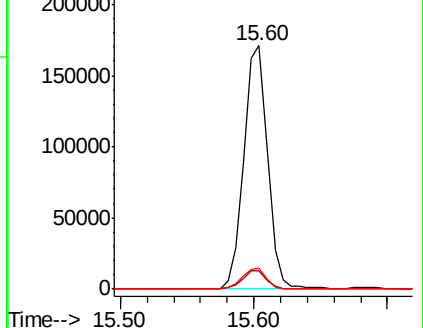
80 8.4 7.8 11.6

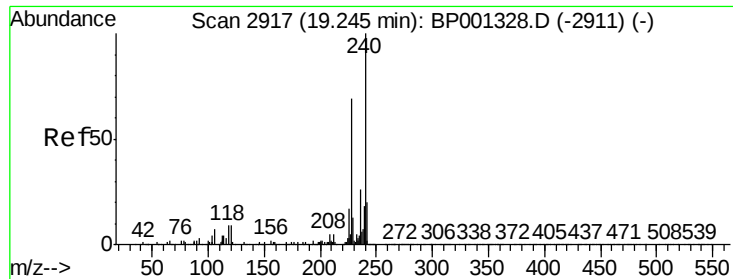


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0

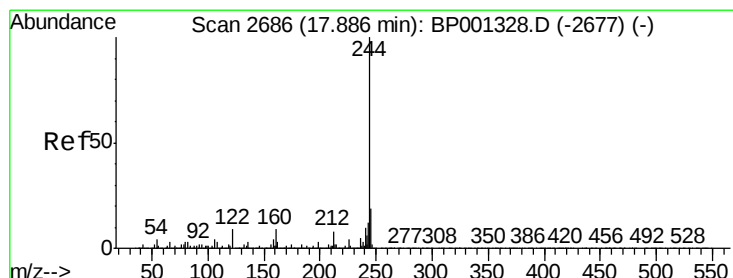
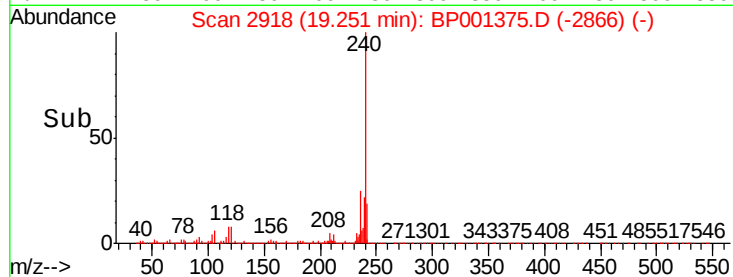
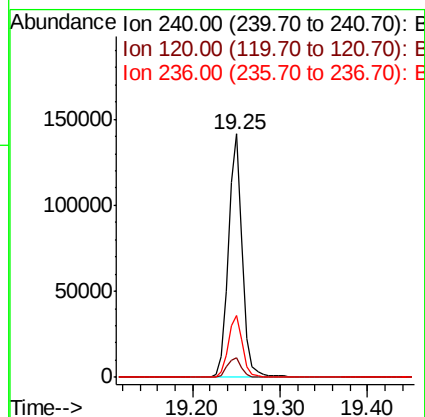
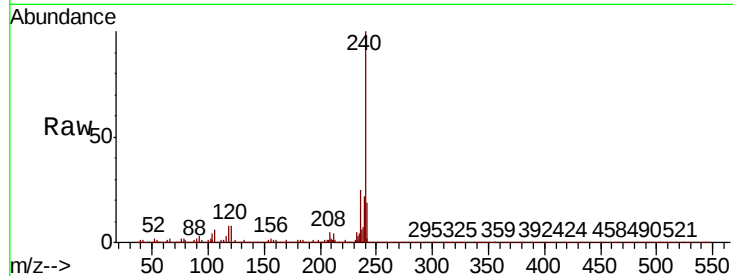




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 19.25 min Scan# 2918
 Delta R.T. 0.01 min
 Lab File: BP001375.D
 Acq: 23 Dec 2019 19:08

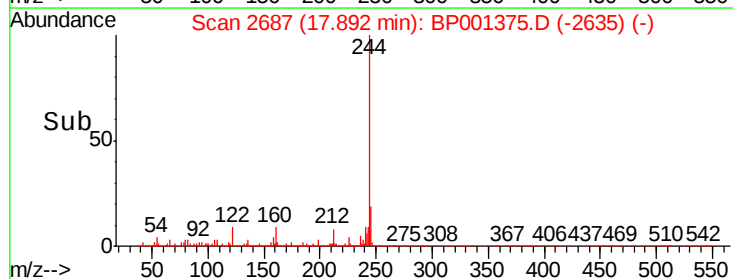
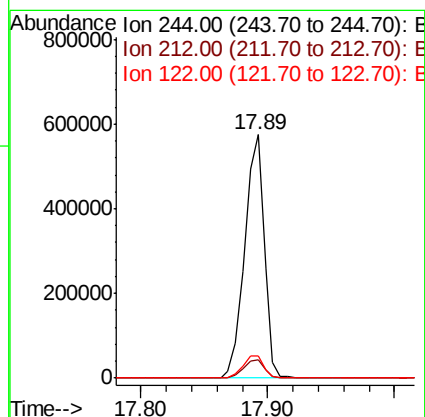
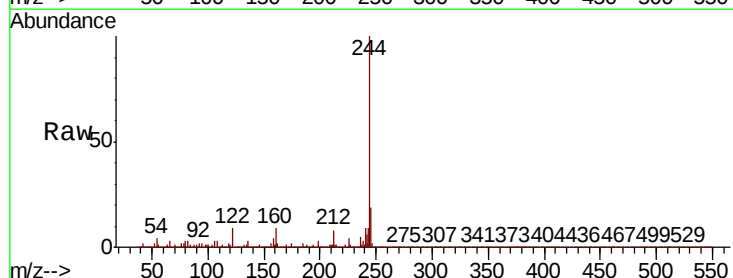
Instrument :
 BNA_P
 ClientSampleId :
 C0B39

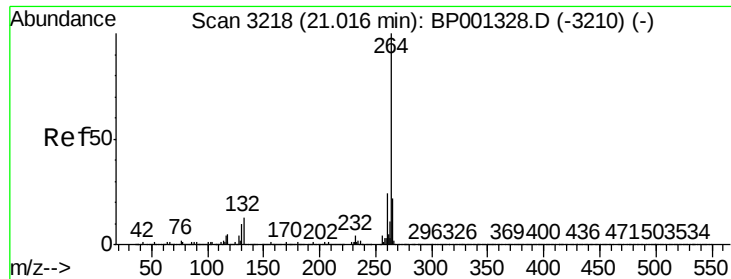
Tot Ion:240	Resp:	155348
Ion Ratio	Lower	Upper
240	100	
120	8.0	7.6 11.4
236	25.4	21.0 31.4



#79
 Terphenyl-d14
 Concen: 67.539 ng
 RT: 17.89 min Scan# 2687
 Delta R.T. 0.01 min
 Lab File: BP001375.D
 Acq: 23 Dec 2019 19:08

Tgt Ion:244	Resp:	612580
Ion Ratio	Lower	Upper
244	100	
212	7.8	6.6 9.8
122	8.9	7.6 11.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 21.03 min Scan# 3220
 Delta R.T. 0.01 min
 Lab File: BP001375.D
 Acq: 23 Dec 2019 19:08

Instrument :
 BNA_P
 ClientSampleId :
 C0B39

Tot Ion:	264	Resp:	162296
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	20.9	17.4	26.2

