

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122719\
 Data File : BP001475.D
 Acq On : 27 Dec 2019 23:46
 Operator : JU
 Sample : K6438-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 28 03:49:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 16:04:49 2019
 Response via : Initial Calibration

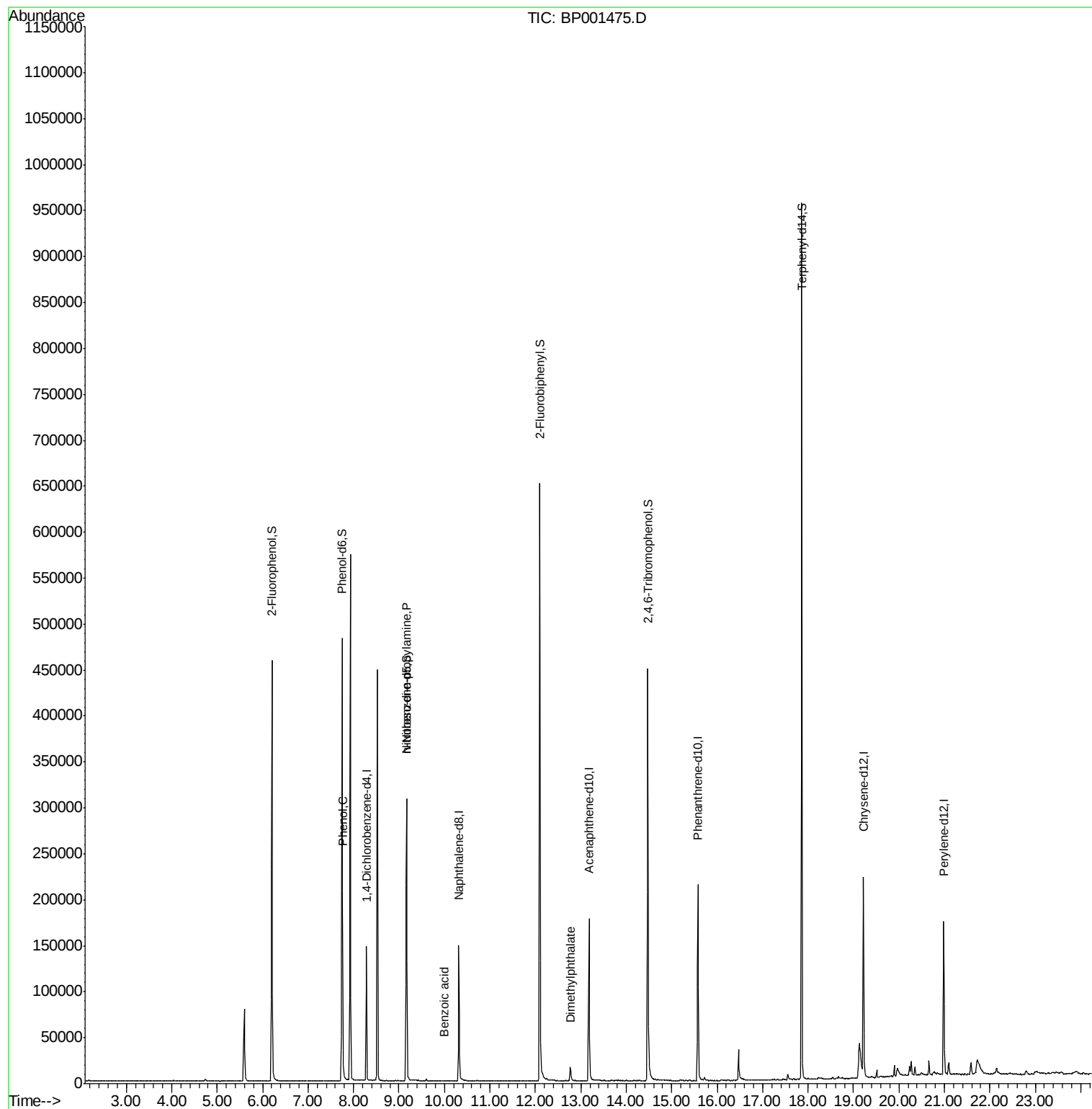
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	23881	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	83276	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	52795	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	105610	20.00	ng	0.00
76) Chrysene-d12	19.22	240	85339	20.00	ng	0.00
87) Perylene-d12	20.99	264	89913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.20	112	139043	94.10	ng	0.00
7) Phenol-d6	7.75	99	182513	94.66	ng	0.00
23) Nitrobenzene-d5	9.16	82	127038	58.58	ng	-0.01
42) 2,4,6-Tribromophenol	14.47	330	67708	102.58	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	262908	62.97	ng	0.00
79) Terphenyl-d14	17.86	244	364359	73.13	ng	0.00
Target Compounds						
10) Phenol	7.76	94	5189	2.355	ng	94
19) n-Nitroso-di-n-propylamine	9.16	70	19275	14.082	ng	# 78
32) Benzoic acid	9.99	122	5	5.028	ng	# 62
50) Dimethylphthalate	12.77	163	10079	2.327	ng	# 96

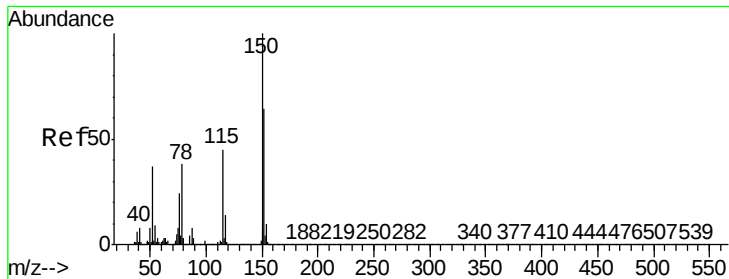
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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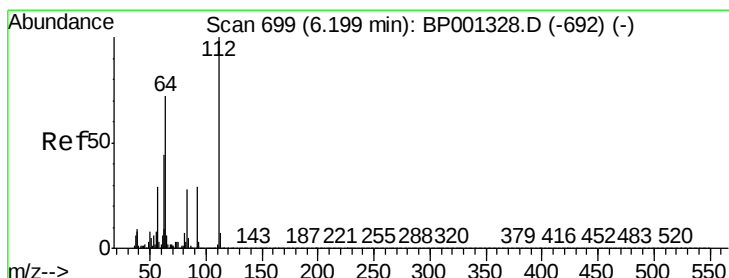
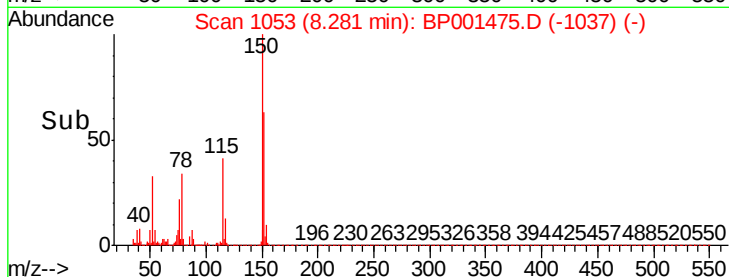
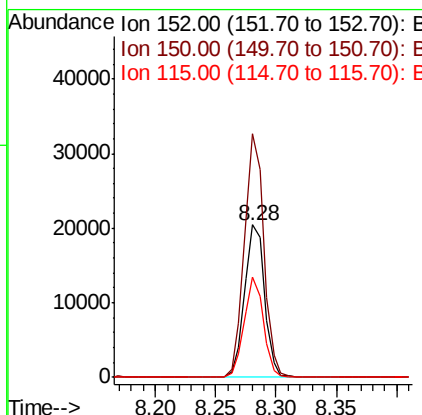
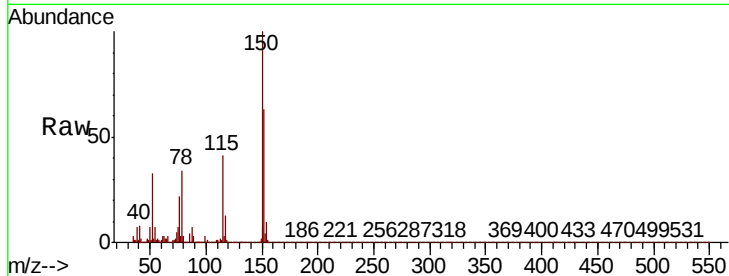




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

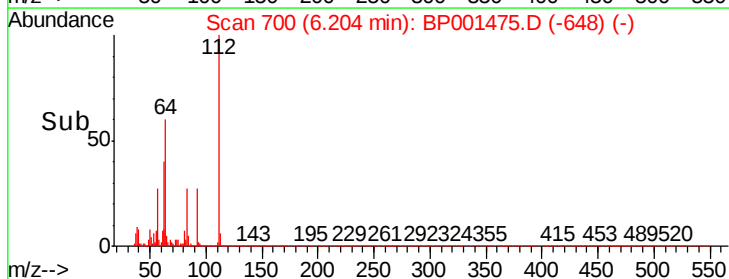
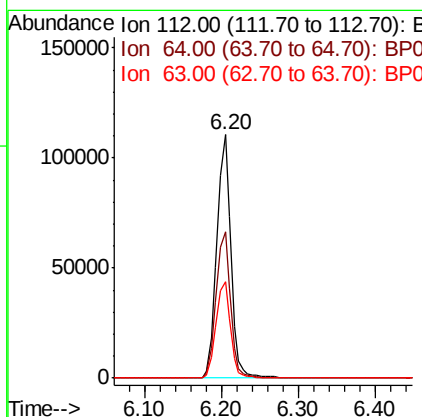
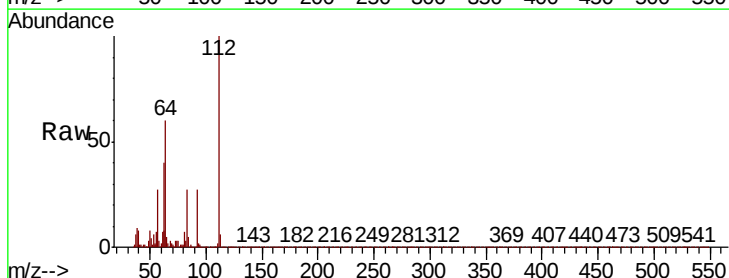
Instrument :
BNA_P
ClientSampleId :

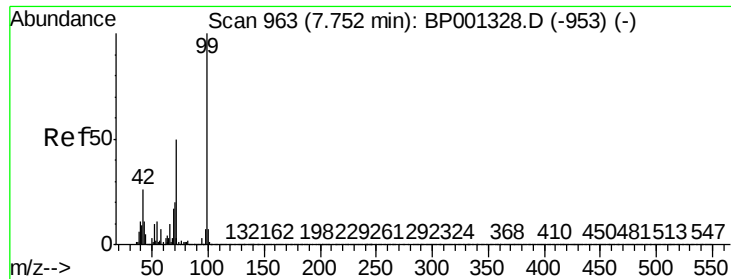
Tot Ion:	152	Resp:	23881
Ion	Ratio	Lower	Upper
152	100		
150	159.6	127.0	190.6
115	65.9	56.1	84.1



#5
2-Fluorophenol
Concen: 94.100 ng
RT: 6.20 min Scan# 700
Delta R.T. 0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

Tgt Ion:	112	Resp:	139043
Ion	Ratio	Lower	Upper
112	100		
64	59.9	53.9	80.9
63	39.8	33.4	50.0





#7

Phenol-d6

Concen: 94.660 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001475.D

Acq: 27 Dec 2019 23:46

Instrument :

BNA_P

ClientSampleId :

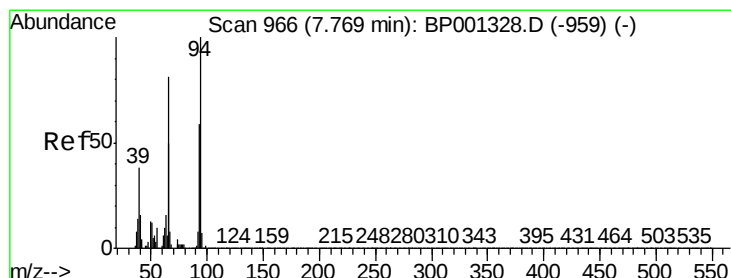
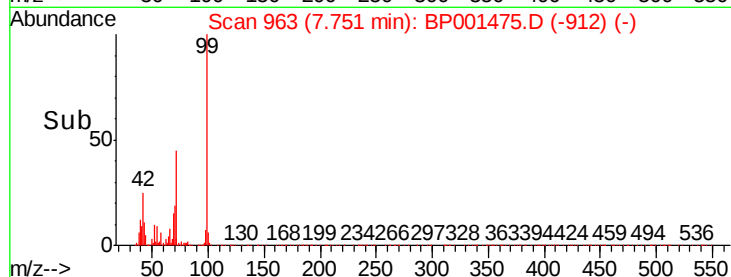
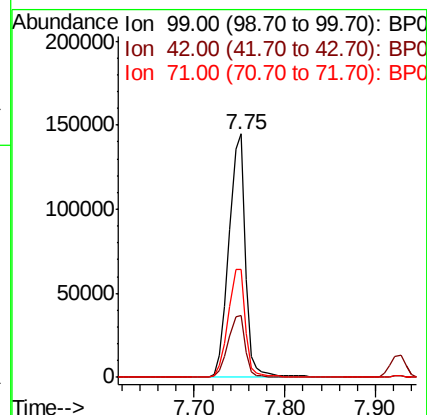
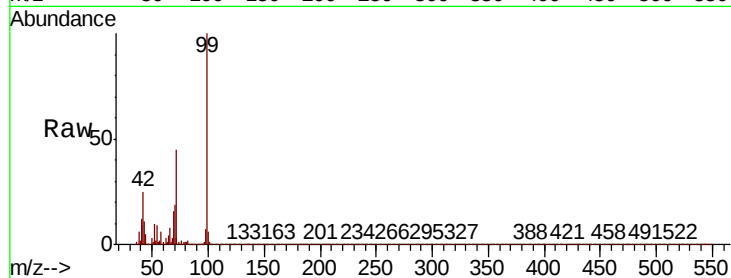
Tot Ion: 99 Resp: 182513

Ion Ratio Lower Upper

99 100

42 25.3 20.8 31.2

71 44.5 38.2 57.4



#10

Phenol

Concen: 2.355 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001475.D

Acq: 27 Dec 2019 23:46

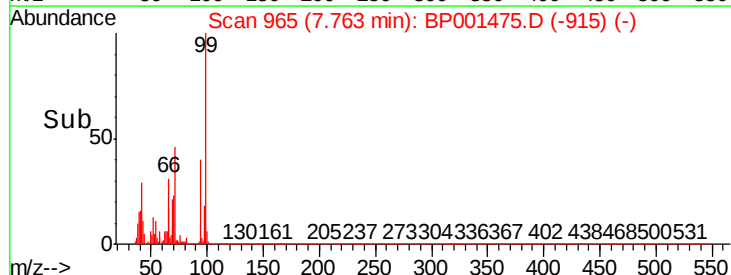
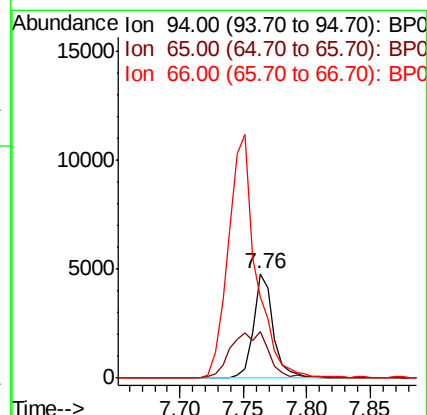
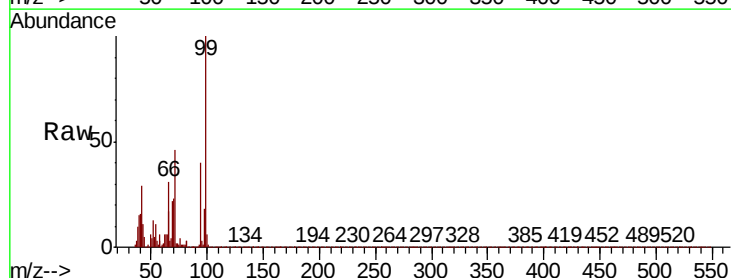
Tgt Ion: 94 Resp: 5189

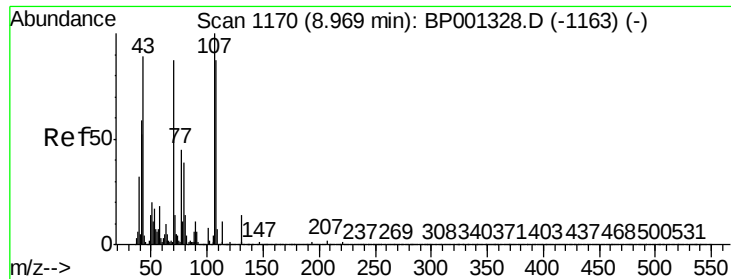
Ion Ratio Lower Upper

94 100

65 44.1 29.6 69.6

66 77.9 62.3 102.3

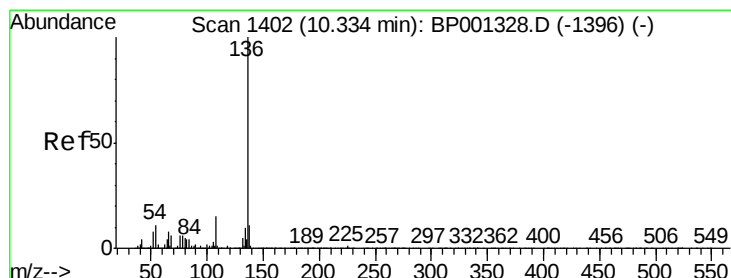
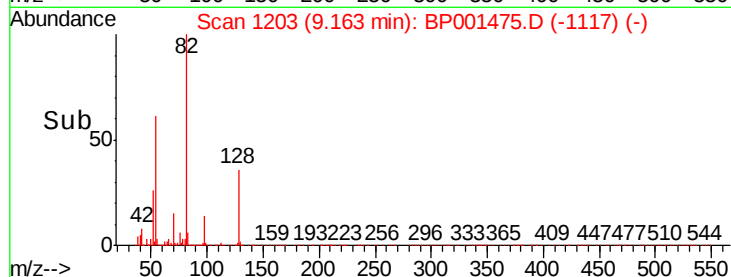
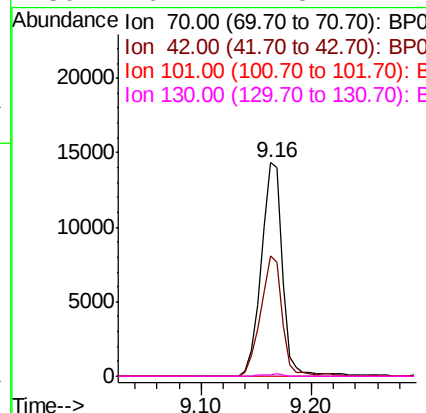
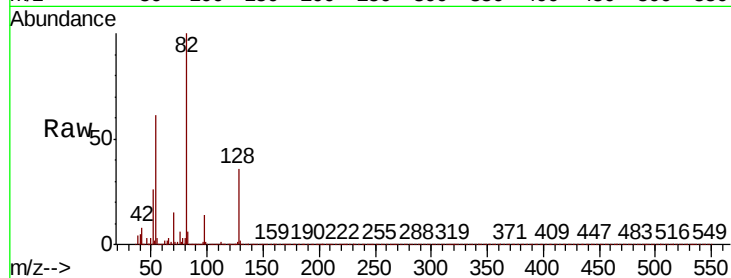




#19
n-Nitroso-di-n-propylamine
Concen: 14.082 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.21 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

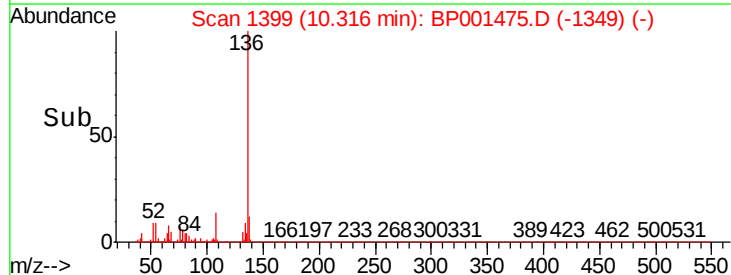
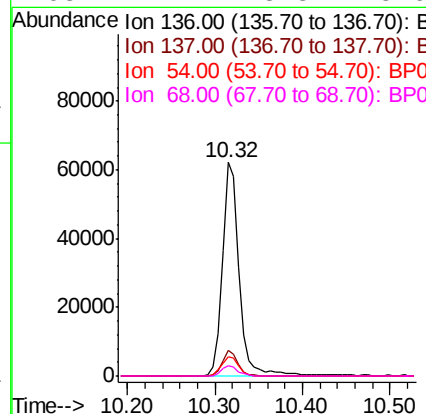
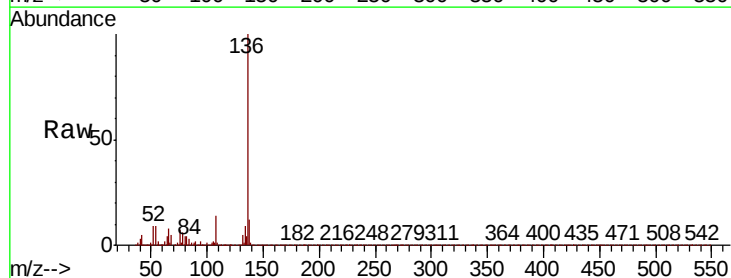
Instrument :
BNA_P
ClientSampleId :

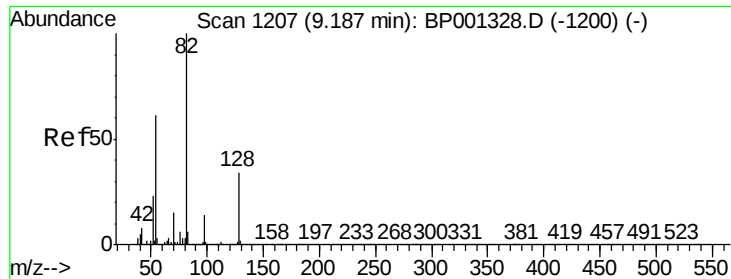
Tot Ion:	70	Resp:	19275
Ion	Ratio	Lower	Upper
70	100		
42	56.5	55.8	83.8
101	0.0	8.2	12.2#
130	0.7	14.5	21.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

Tgt Ion:	136	Resp:	83276
Ion	Ratio	Lower	Upper
136	100		
137	12.1	9.0	13.4
54	9.1	7.3	10.9
68	4.7	3.8	5.6

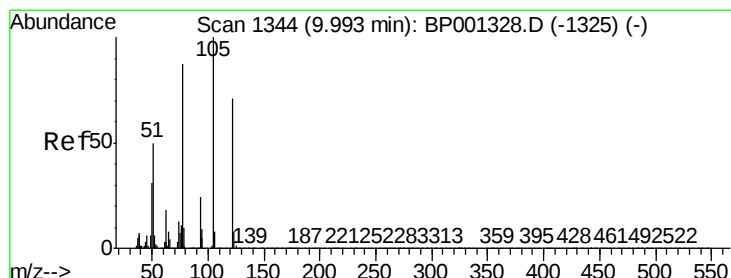
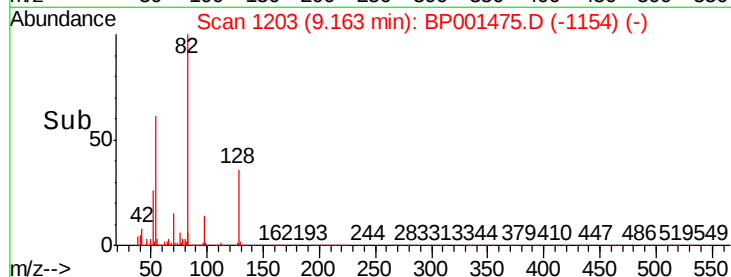
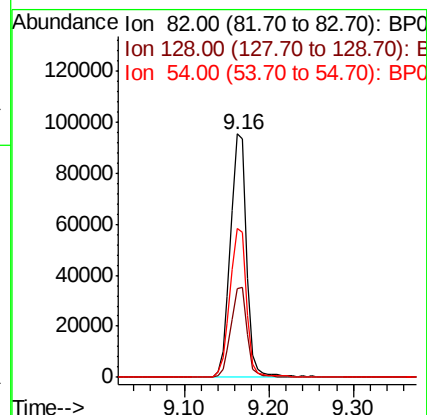
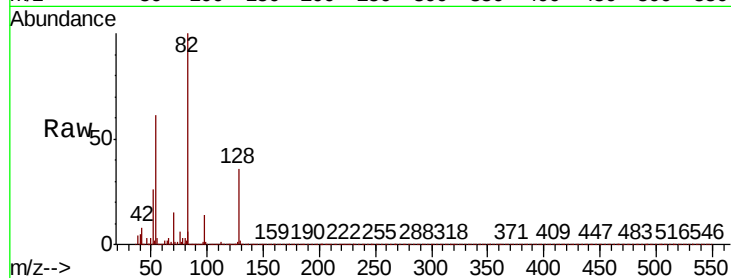




#23
Nitrobenzene-d5
Concen: 58.581 ng
RT: 9.16 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

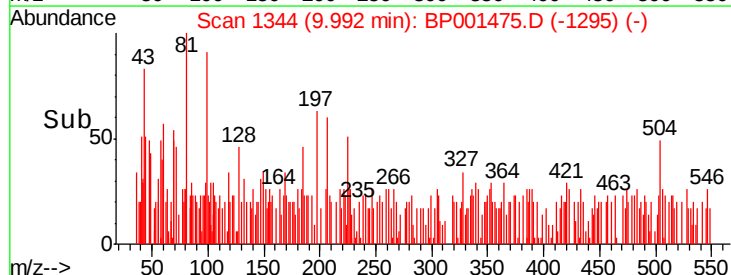
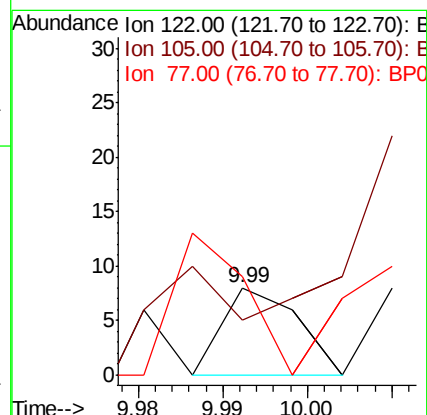
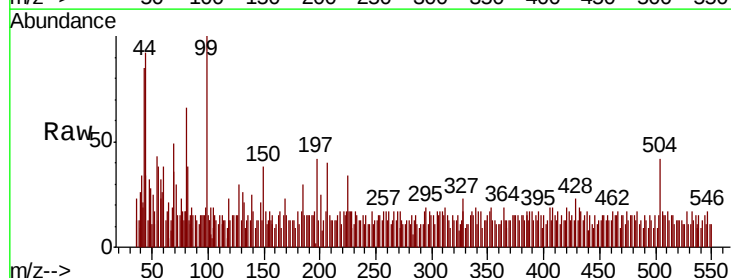
Instrument :
BNA_P
ClientSampleId :

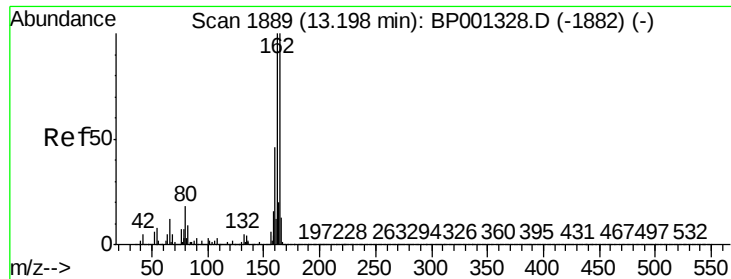
Tot Ion: 82 Resp: 127038
Ion Ratio Lower Upper
82 100
128 36.5 27.4 41.0
54 61.0 47.5 71.3



#32
Benzoic acid
Concen: 5.028 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

Tgt Ion: 122 Resp: 5
Ion Ratio Lower Upper
122 100
105 62.5 117.8 157.8#
77 112.5 85.6 125.6

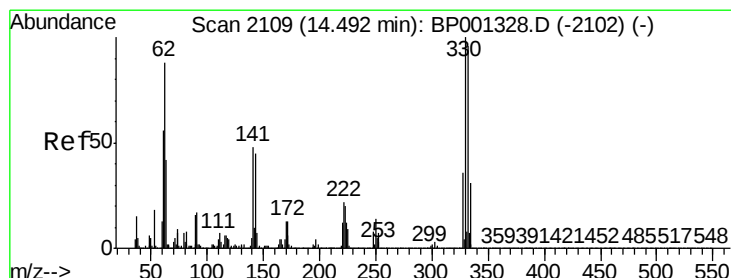
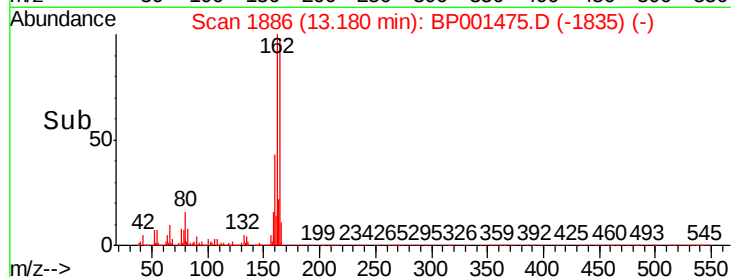
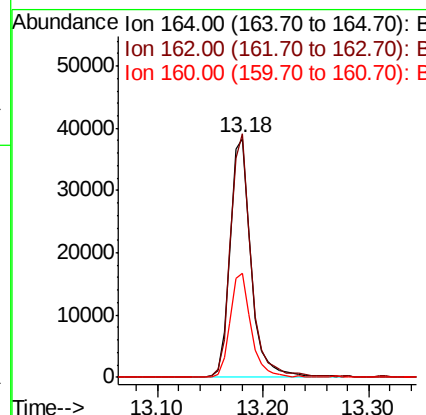
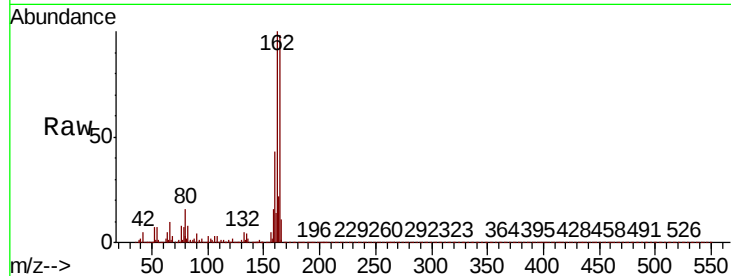




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

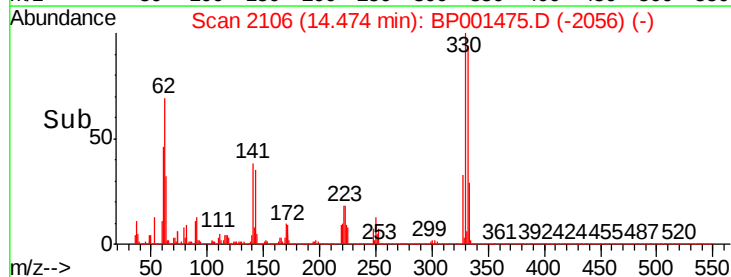
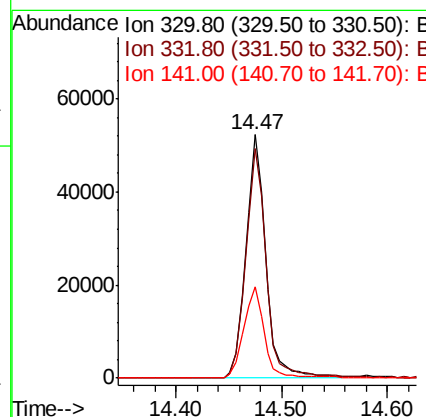
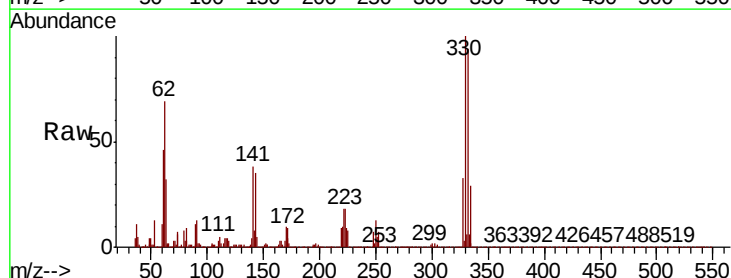
Instrument :
BNA_P
ClientSampled :

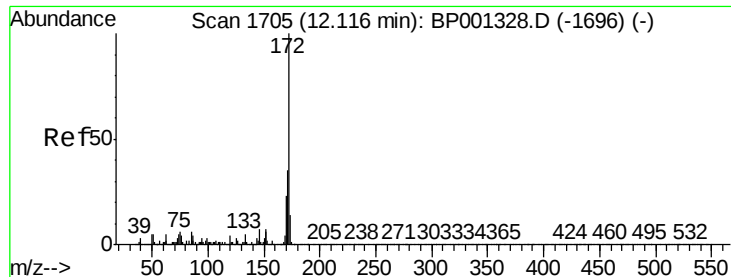
Tot Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.2	117.4
160	43.5	35.1	52.7



#42
2,4,6-Tribromophenol
Concen: 102.579 ng
RT: 14.47 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.8	78.3	117.5
141	39.1	26.8	40.2

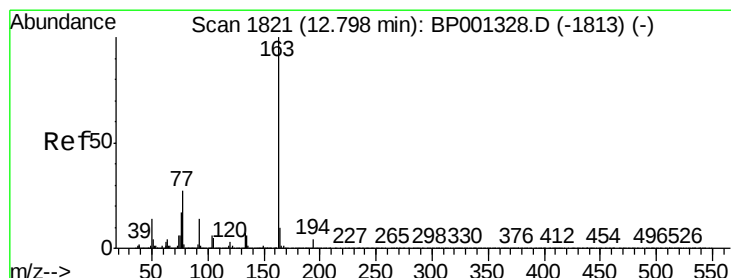
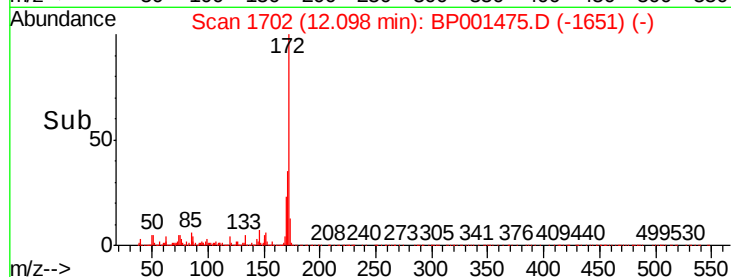
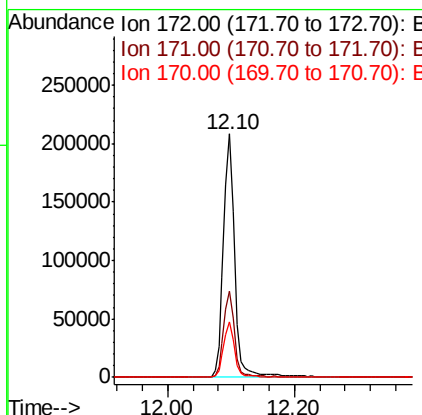
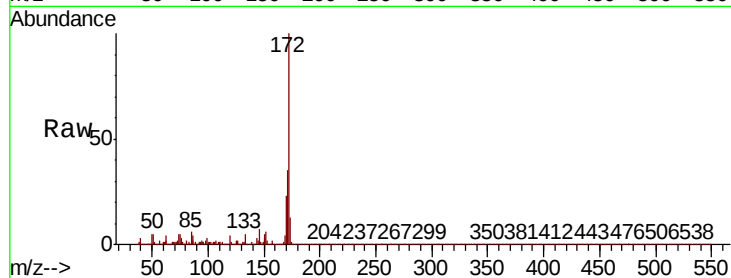




#45
2-Fluorobiphenyl
Concen: 62.969 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

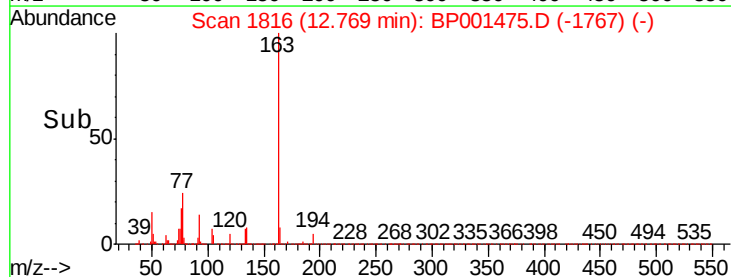
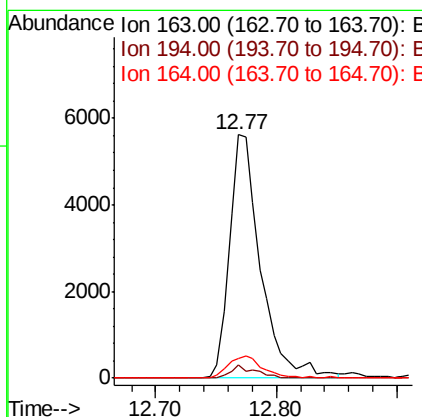
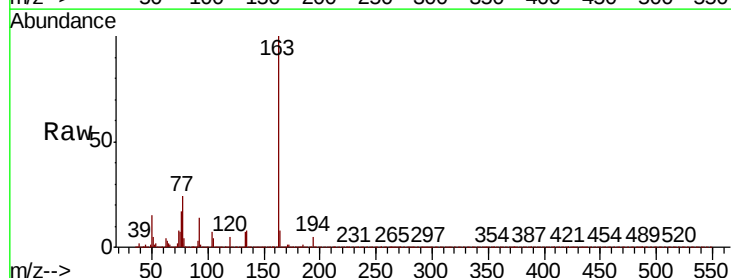
Instrument :
BNA_P
ClientSampled :

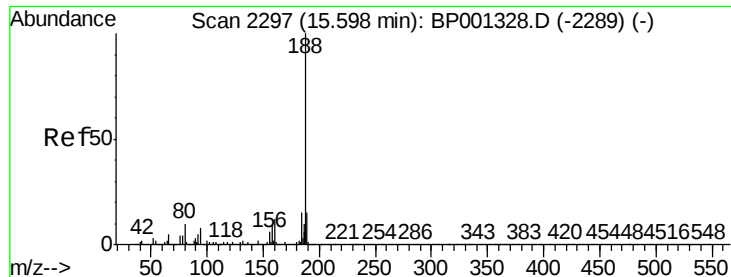
Tot Ion:172 Resp: 262908
Ion Ratio Lower Upper
172 100
171 35.4 27.4 41.0
170 22.7 18.2 27.4



#50
Dimethylphthalate
Concen: 2.327 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BP001475.D
Acq: 27 Dec 2019 23:46

Tgt Ion:163 Resp: 10079
Ion Ratio Lower Upper
163 100
194 5.4 3.2 4.8#
164 8.1 7.7 11.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.57 min Scan# 2293

Delta R.T. -0.01 min

Lab File: BP001475.D

Acq: 27 Dec 2019 23:46

Instrument :

BNA_P

ClientSampleId :

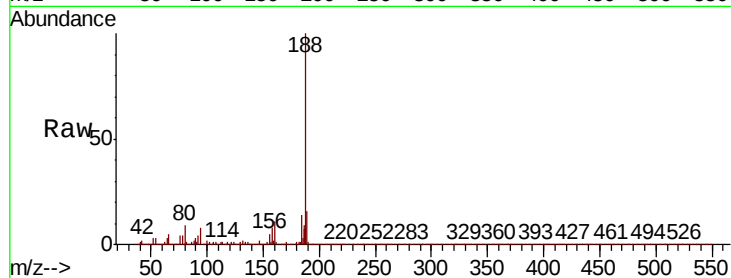
Tot Ion:188 Resp: 105610

Ion Ratio Lower Upper

188 100

94 8.2 5.8 8.8

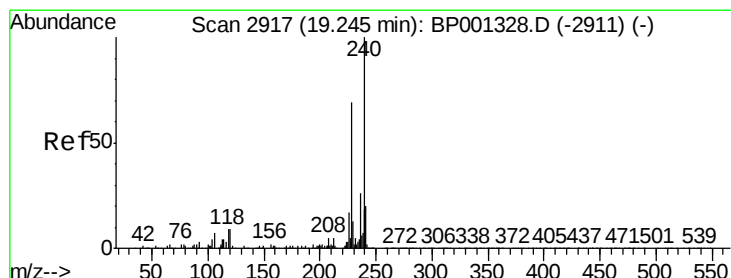
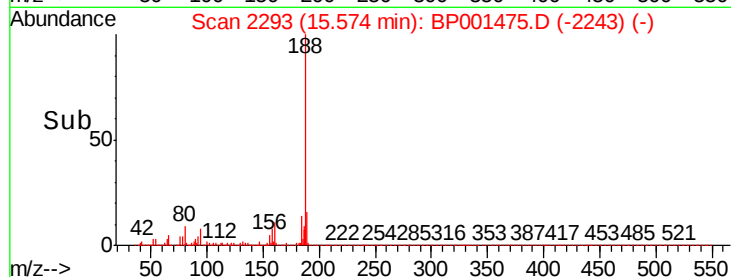
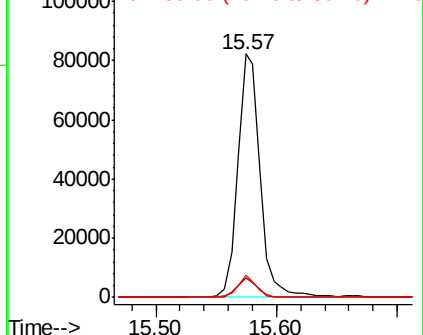
80 8.9 5.7 8.5#



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: 19.22 min Scan# 2913

Delta R.T. -0.01 min

Lab File: BP001475.D

Acq: 27 Dec 2019 23:46

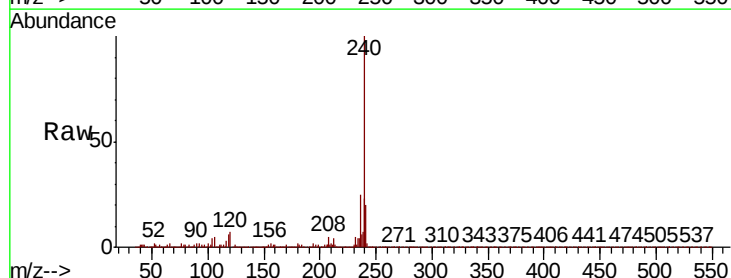
Tgt Ion:240 Resp: 85339

Ion Ratio Lower Upper

240 100

120 7.0 6.2 9.2

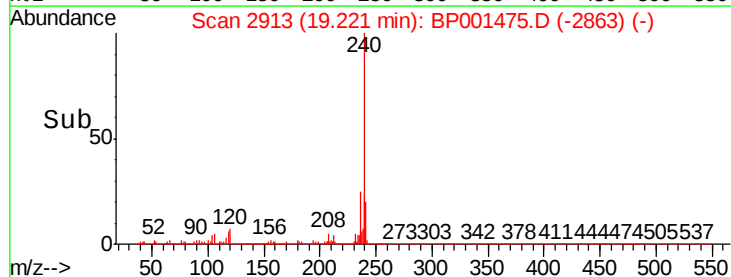
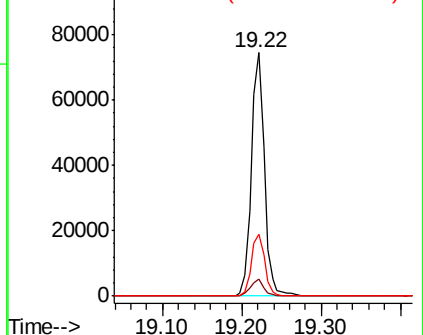
236 25.3 20.2 30.2

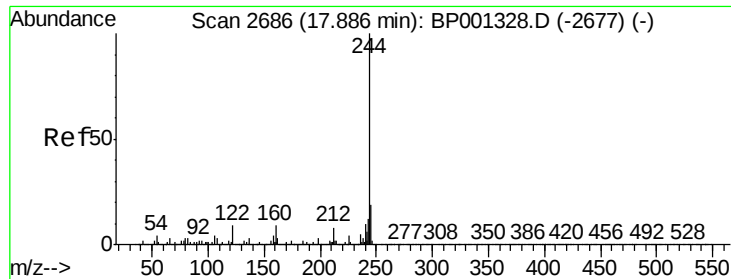


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

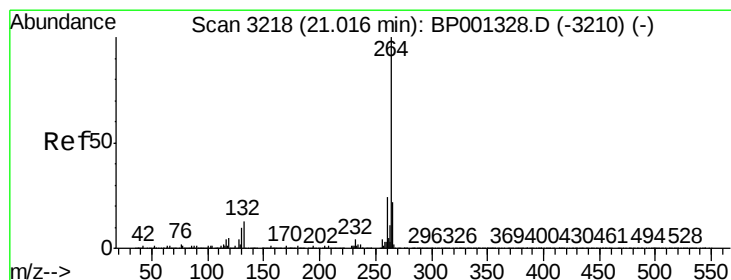
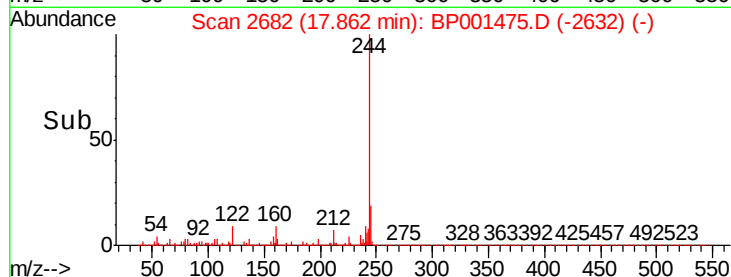
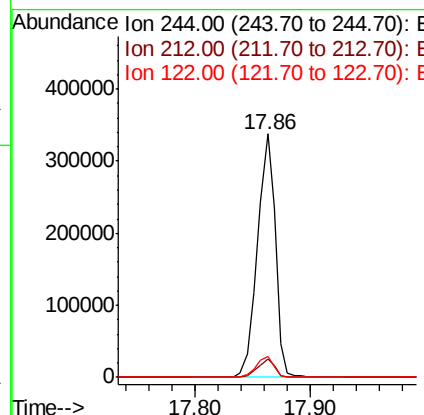
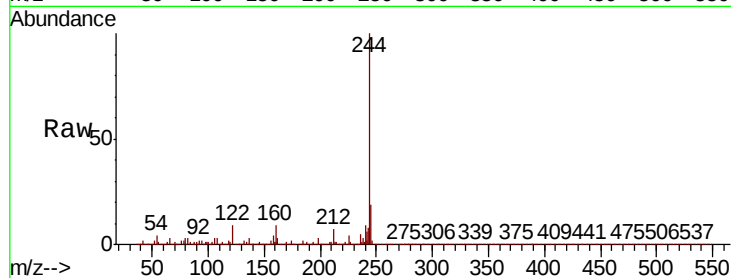




#79
 Terphenyl-d14
 Concen: 73.127 ng
 RT: 17.86 min Scan# 2682
 Delta R.T. -0.01 min
 Lab File: BP001475.D
 Acq: 27 Dec 2019 23:46

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	8.7	6.4	9.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.99 min Scan# 3213
 Delta R.T. -0.01 min
 Lab File: BP001475.D
 Acq: 27 Dec 2019 23:46

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.0	28.4
265	20.9	17.0	25.4

