

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001431.D
 Acq On : 26 Dec 2019 19:55
 Operator : JU
 Sample : K6118-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 03:57:31 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

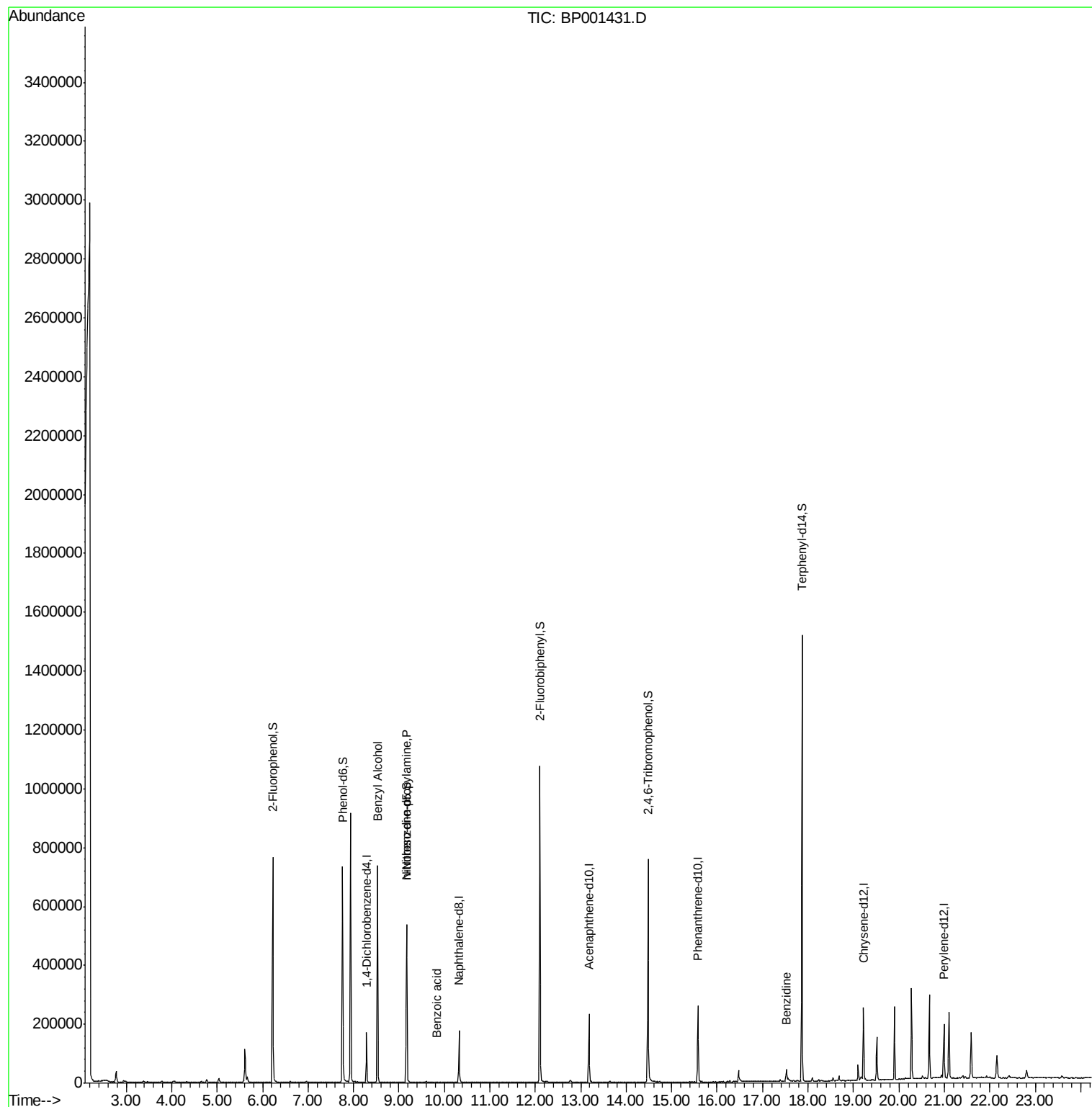
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	27090	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	96279	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	59267	20.00	ng	0.00
64) Phenanthrene-d10	15.58	188	119130	20.00	ng	0.00
76) Chrysene-d12	19.22	240	93044	20.00	ng	0.00
87) Perylene-d12	20.99	264	93917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	222245	132.59	ng	0.02
7) Phenol-d6	7.76	99	286378	130.94	ng	0.00
23) Nitrobenzene-d5	9.17	82	211062	84.18	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	108758	146.78	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	415989	88.75	ng	0.00
79) Terphenyl-d14	17.87	244	562542	103.55	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.53	79	4171	2.032	ng	# 61
19) n-Nitroso-di-n-propylamine	9.17	70	32002	20.611	ng	# 81
32) Benzoic acid	9.83	122	59	5.073	ng	86
77) Benzidine	17.52	184	20584	7.598	ng	99

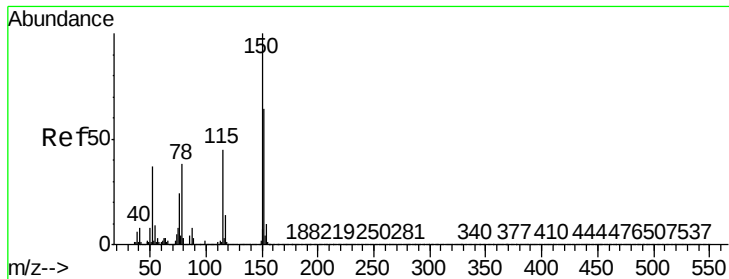
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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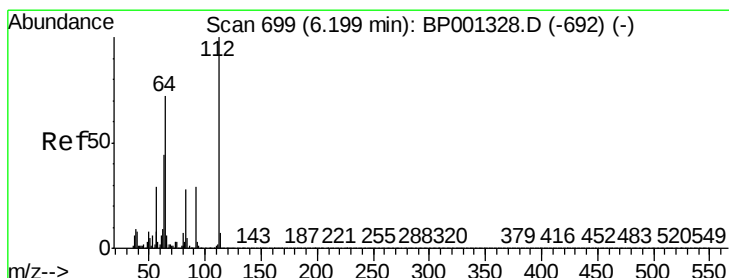
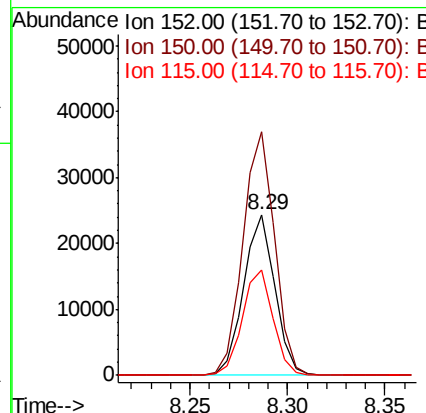
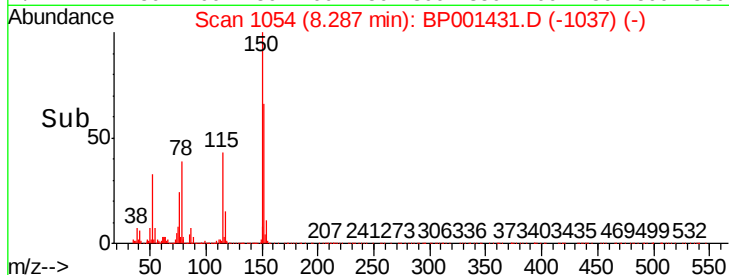
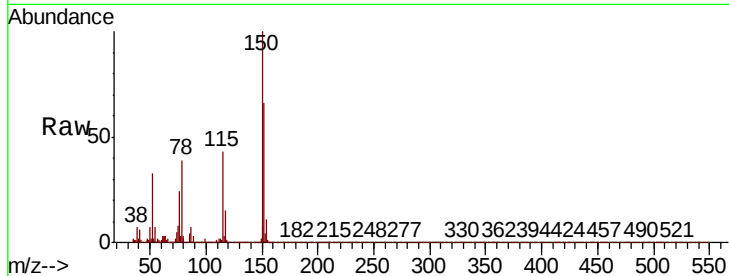




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BP001431.D
 Acq: 26 Dec 2019 19:55

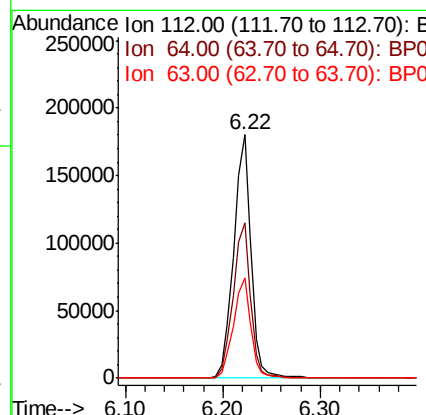
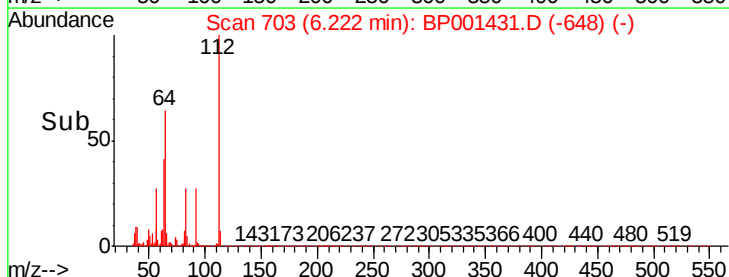
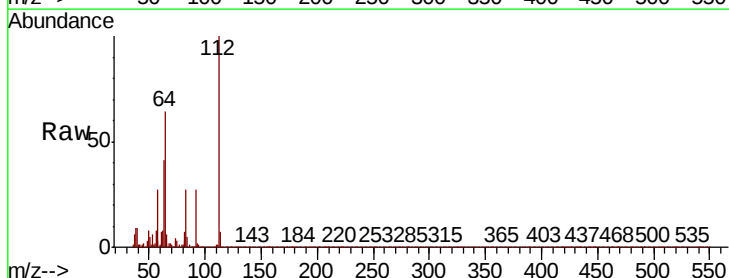
Instrument :
 BNA_P
 ClientSampleId :

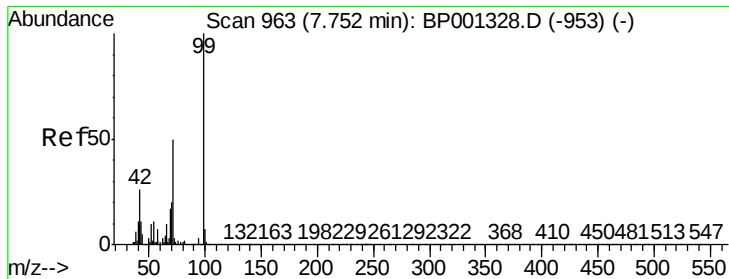
Tot Ion:	152	Resp:	27090
Ion	Ratio	Lower	Upper
152	100		
150	151.4	127.0	190.6
115	65.5	56.1	84.1



#5
 2-Fluorophenol
 Concen: 132.592 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.02 min
 Lab File: BP001431.D
 Acq: 26 Dec 2019 19:55

Tgt Ion:	112	Resp:	222245
Ion	Ratio	Lower	Upper
112	100		
64	63.8	53.9	80.9
63	41.2	33.4	50.0





#7

Phenol-d6

Concen: 130.935 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001431.D

Acq: 26 Dec 2019 19:55

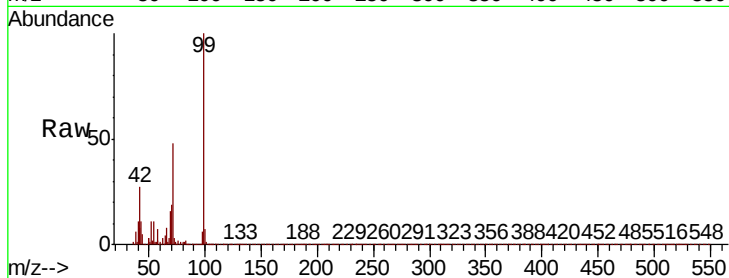
Instrument :

BNA_P

ClientSampleId :

Tot Ion: 99 Resp: 286378

Ion	Ratio	Lower	Upper
99	100		
42	27.2	20.8	31.2
71	47.8	38.2	57.4

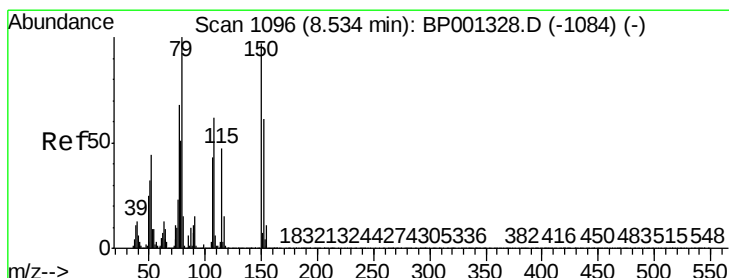
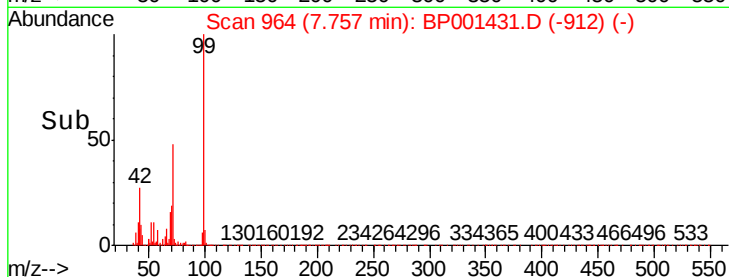
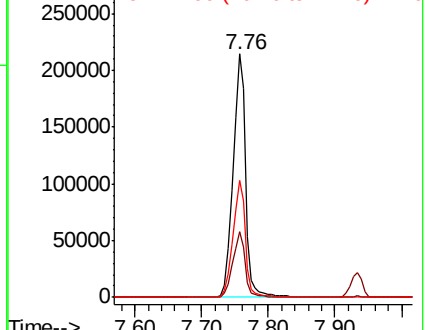


Abundance

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



#15

Benzyl Alcohol

Concen: 2.032 ng

RT: 8.53 min Scan# 1095

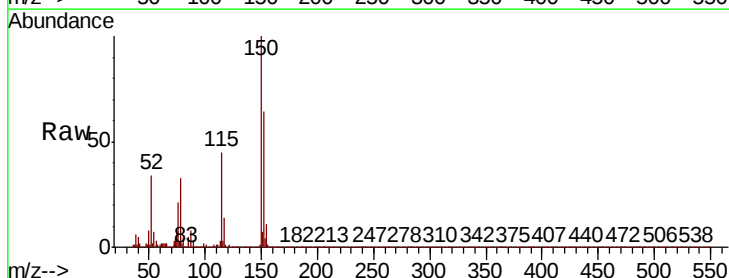
Delta R.T. 0.01 min

Lab File: BP001431.D

Acq: 26 Dec 2019 19:55

Tgt Ion: 79 Resp: 4171

Ion	Ratio	Lower	Upper
79	100		
108	39.4	49.0	73.4#
77	111.1	56.7	85.1#

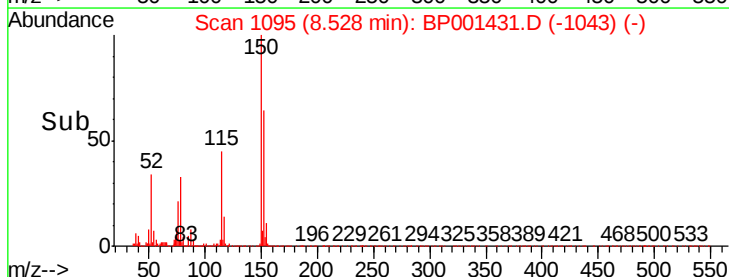
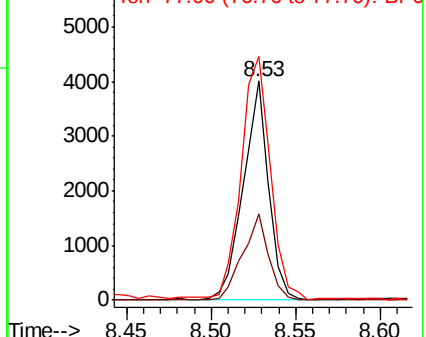


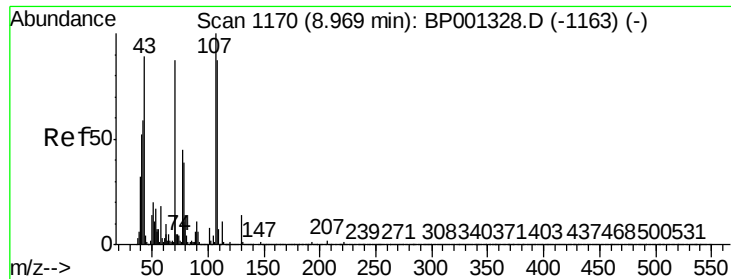
Abundance

Ion 79.00 (78.70 to 79.70): BP0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BP0

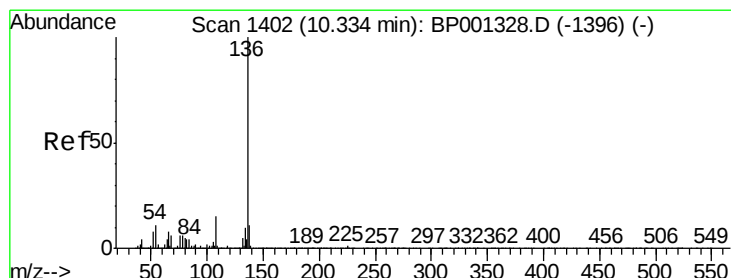
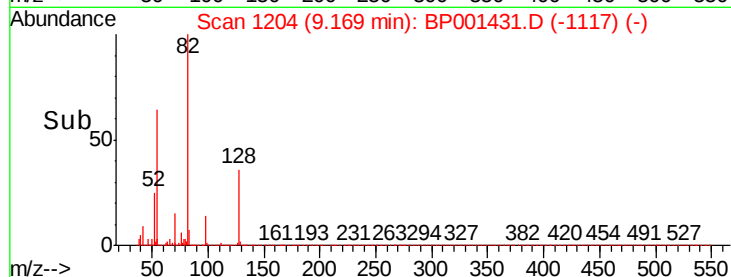
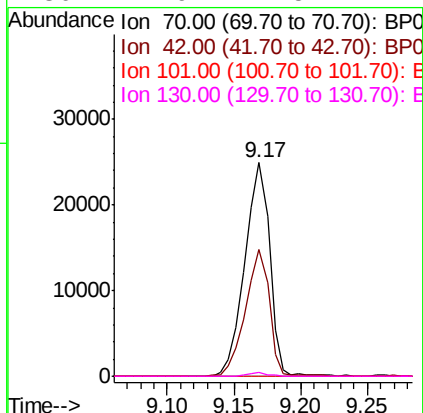
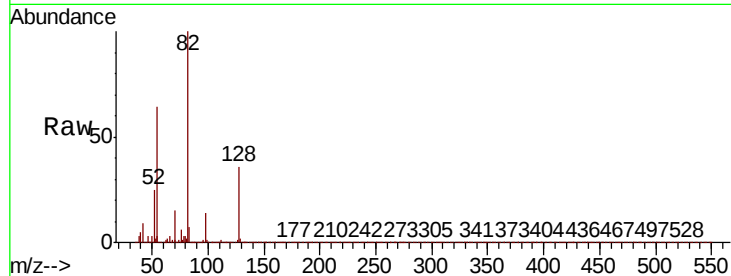




#19
n-Nitroso-di-n-propylamine
Concen: 20.611 ng
RT: 9.17 min Scan# 1204
Delta R.T. 0.21 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

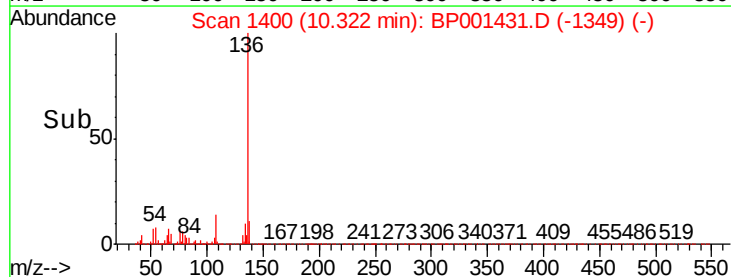
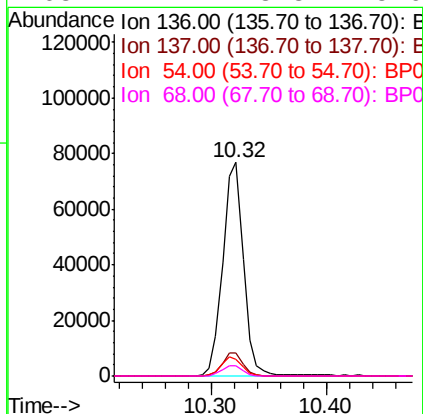
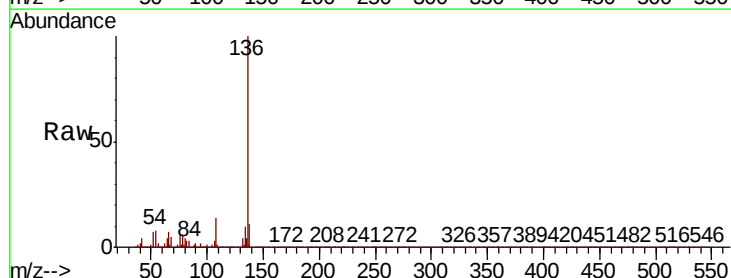
Instrument :
BNA_P
ClientSampleId :

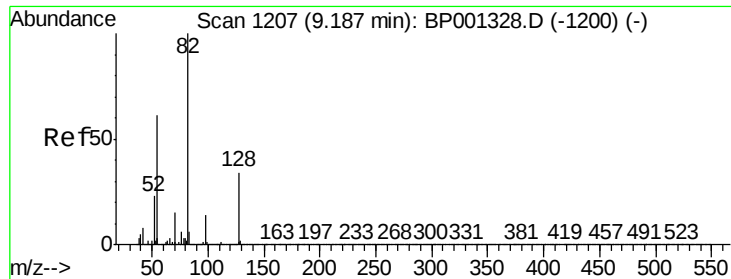
Tot Ion: 70 Resp: 32002
Ion Ratio Lower Upper
70 100
42 59.1 55.8 83.8
101 0.0 8.2 12.2#
130 1.9 14.5 21.7#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

Tgt Ion:136 Resp: 96279
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.4
54 8.1 7.3 10.9
68 4.7 3.8 5.6

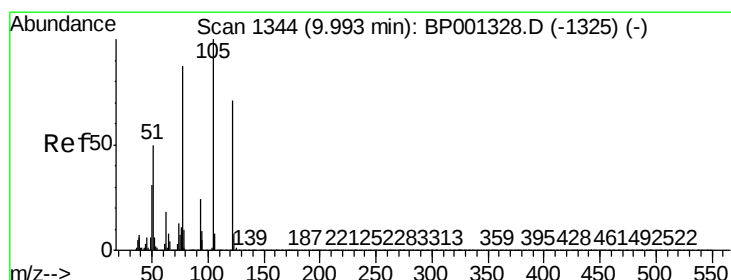
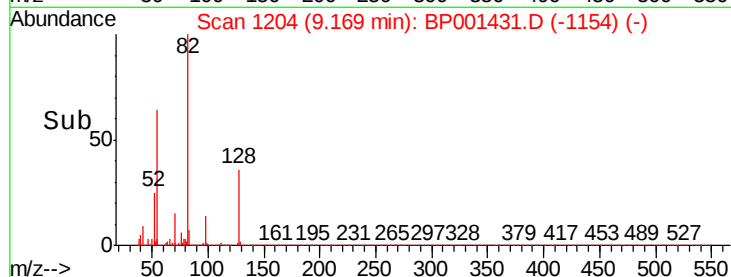
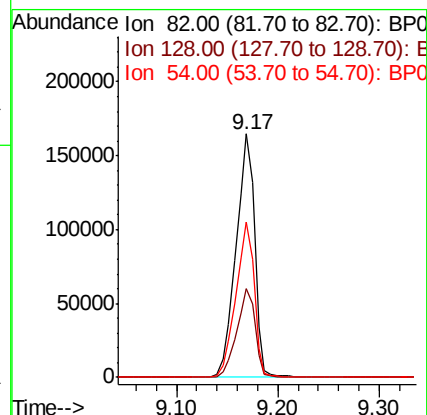
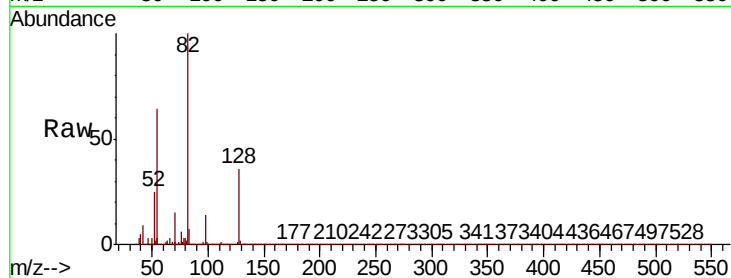




#23
Nitrobenzene-d5
Concen: 84.183 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

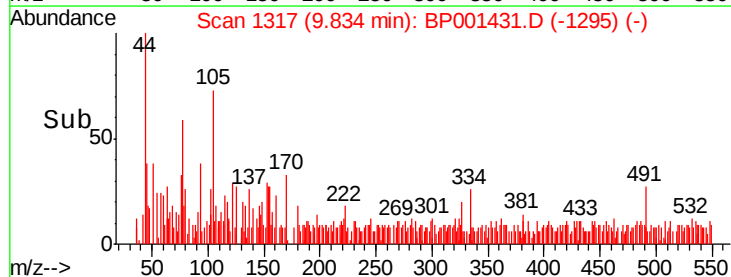
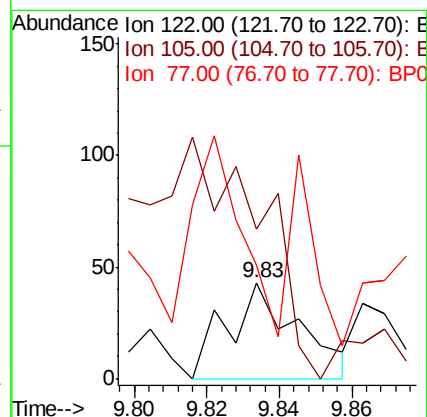
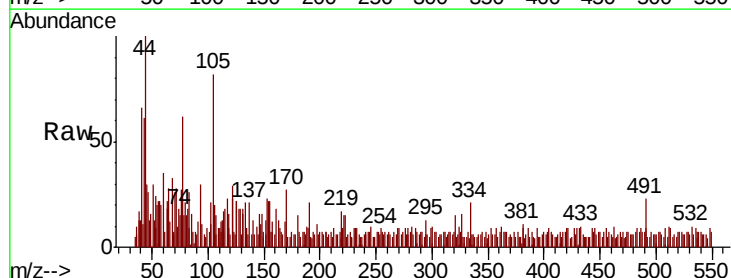
Instrument :
BNA_P
ClientSampleId :

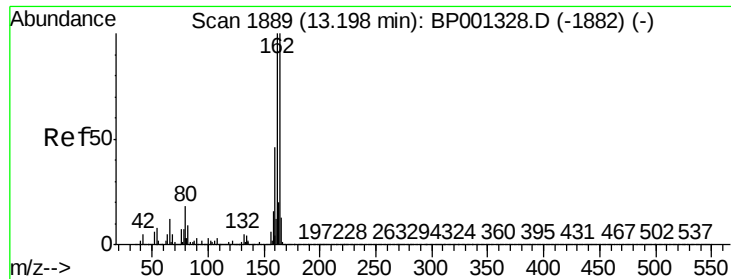
Tot Ion: 82 Resp: 211062
Ion Ratio Lower Upper
82 100
128 36.4 27.4 41.0
54 63.7 47.5 71.3



#32
Benzoic acid
Concen: 5.073 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.17 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

Tgt Ion: 122 Resp: 59
Ion Ratio Lower Upper
122 100
105 155.8 117.8 157.8
77 118.6 85.6 125.6

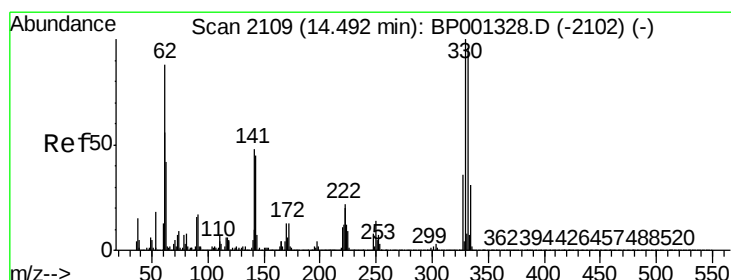
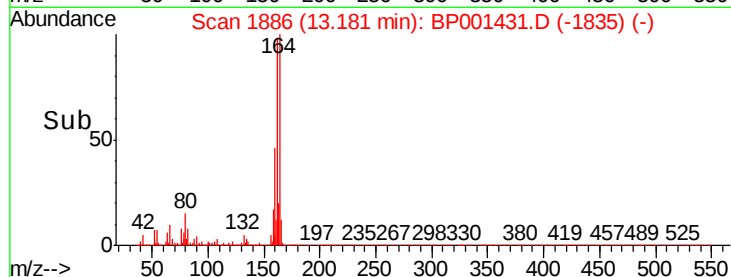
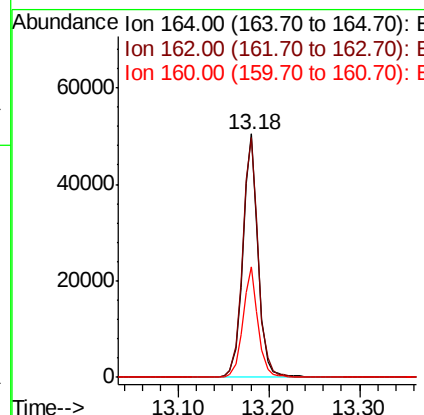
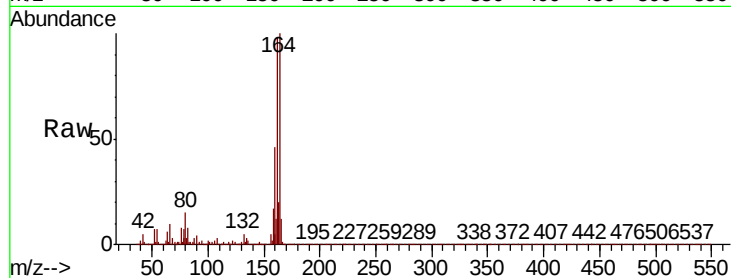




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

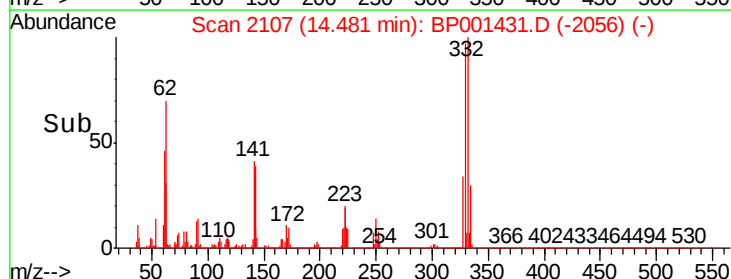
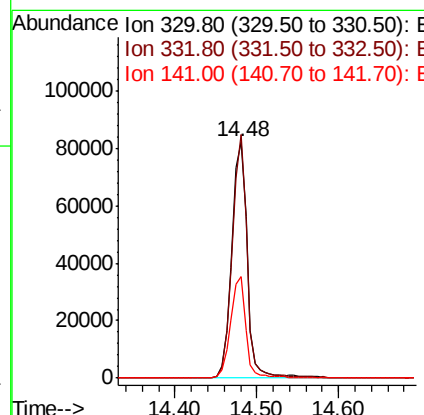
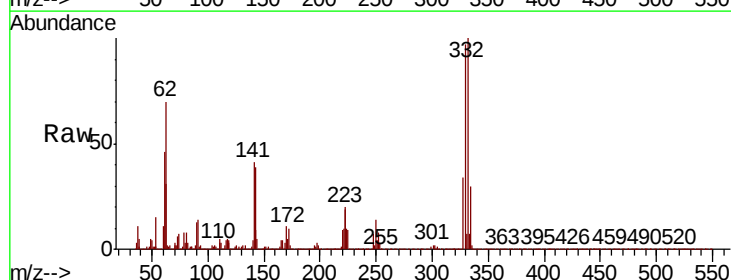
Instrument :
BNA_P
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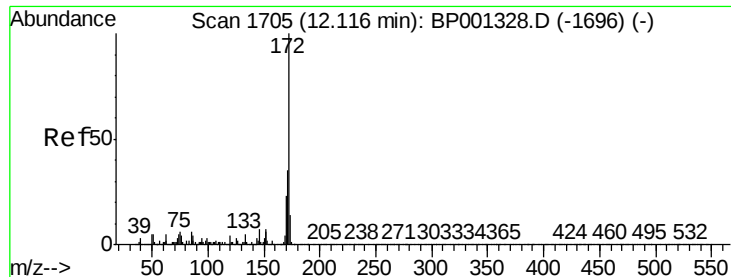
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	78.2	117.4
160	45.6	35.1	52.7



#42
2,4,6-Tribromophenol
Concen: 146.777 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.3	117.5
141	42.0	26.8	40.2

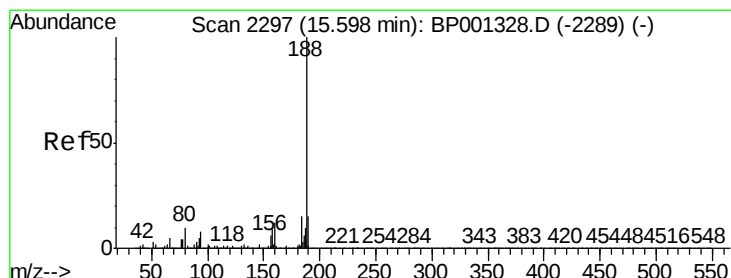
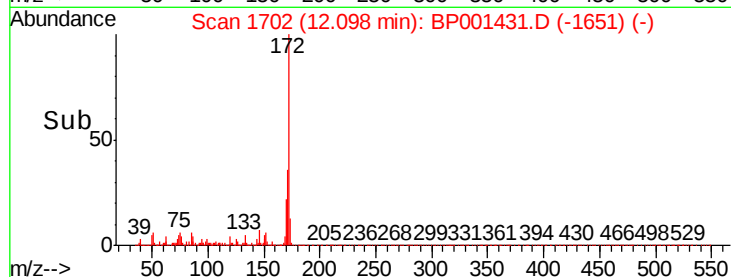
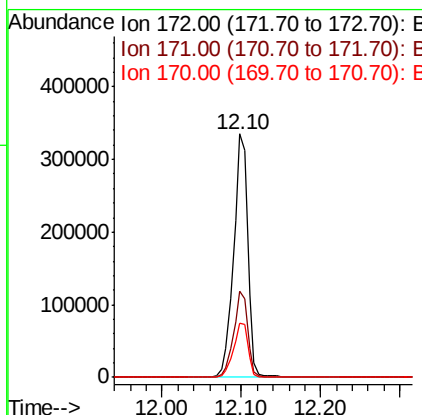
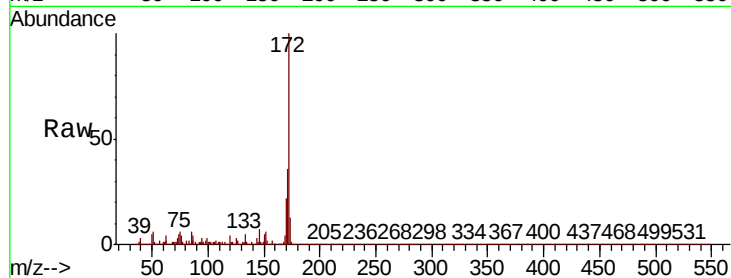




#45
2-Fluorobiphenyl
Concen: 88.753 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

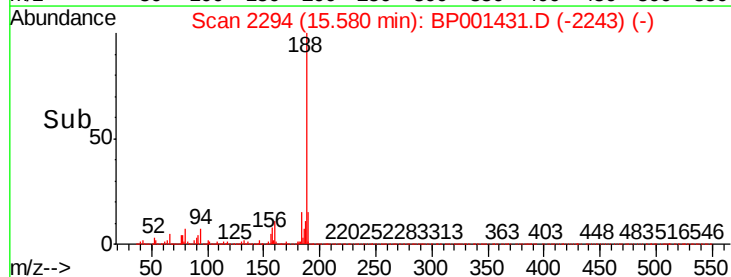
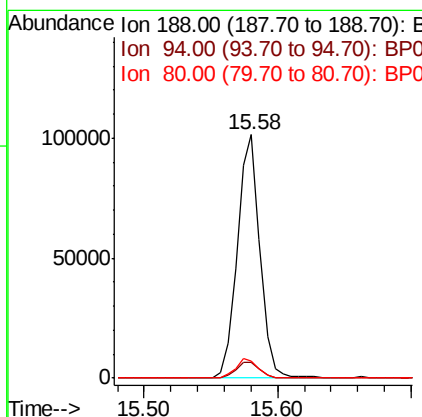
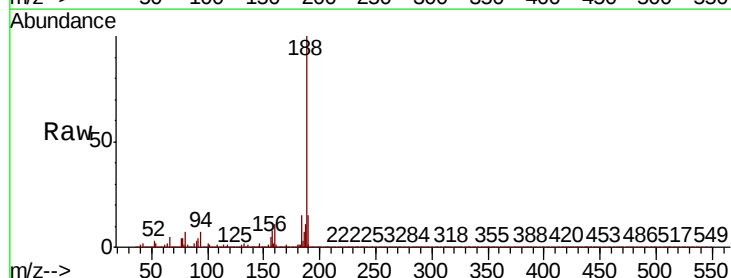
Instrument :
BNA_P
ClientSampleId :

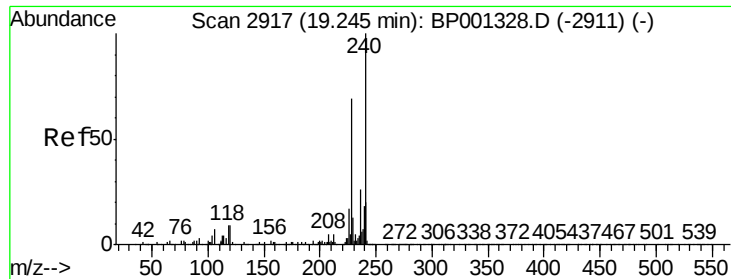
Tot Ion:172 Resp: 415989
Ion Ratio Lower Upper
172 100
171 35.6 27.4 41.0
170 22.3 18.2 27.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. -0.00 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

Tgt Ion:188 Resp: 119130
Ion Ratio Lower Upper
188 100
94 6.7 5.8 8.8
80 7.3 5.7 8.5

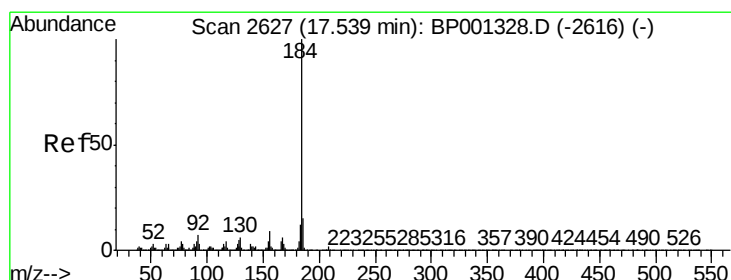
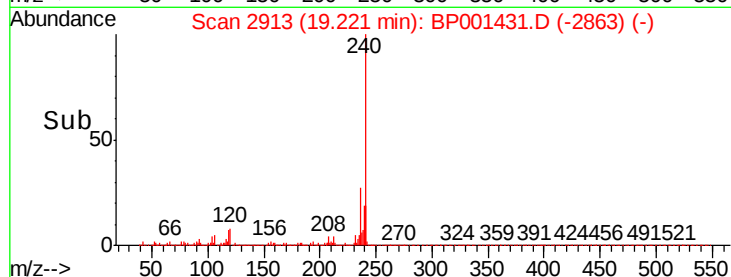
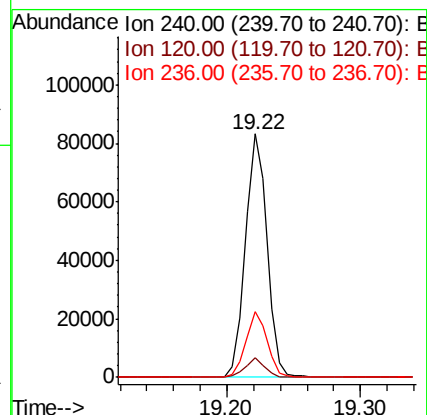
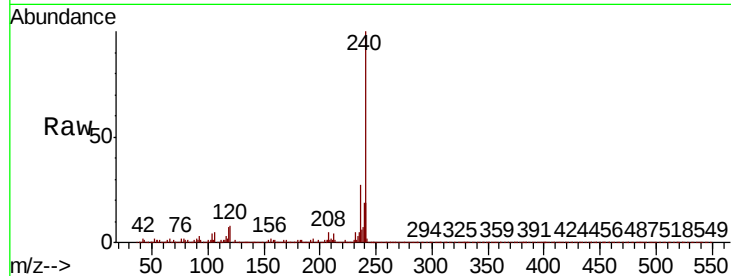




#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

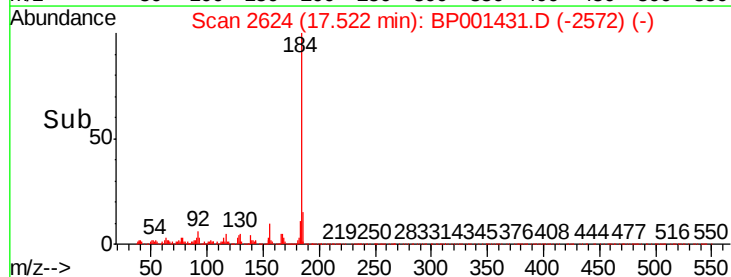
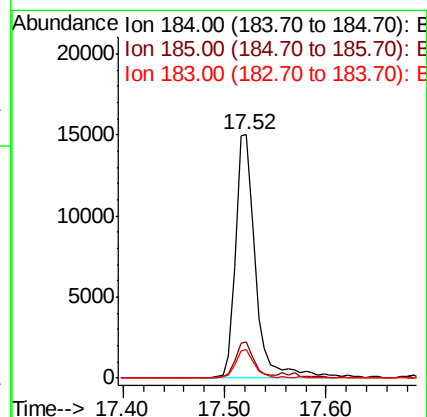
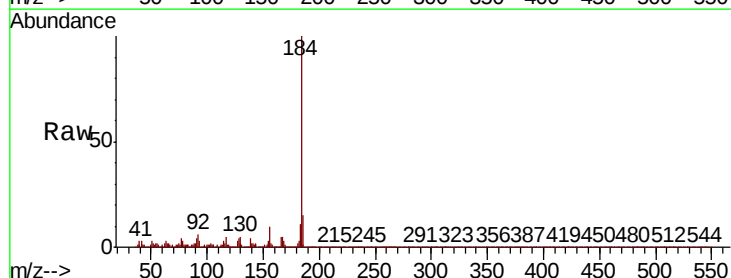
Instrument :
BNA_P
ClientSampleId :

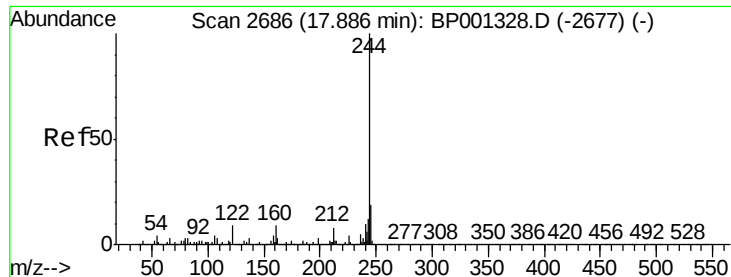
Tot Ion:240 Resp: 93044
Ion Ratio Lower Upper
240 100
120 8.2 6.2 9.2
236 27.0 20.2 30.2



#77
Benzidine
Concen: 7.598 ng
RT: 17.52 min Scan# 2624
Delta R.T. 0.01 min
Lab File: BP001431.D
Acq: 26 Dec 2019 19:55

Tgt Ion:184 Resp: 20584
Ion Ratio Lower Upper
184 100
185 15.1 11.8 17.8
183 11.5 9.6 14.4

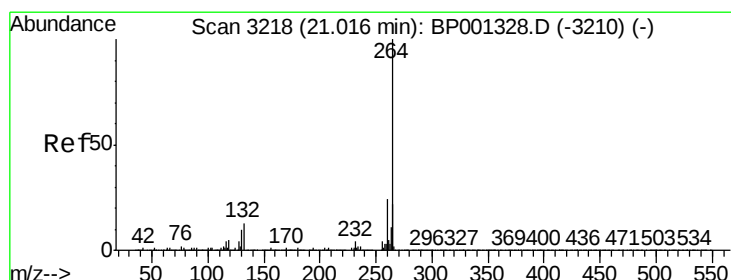
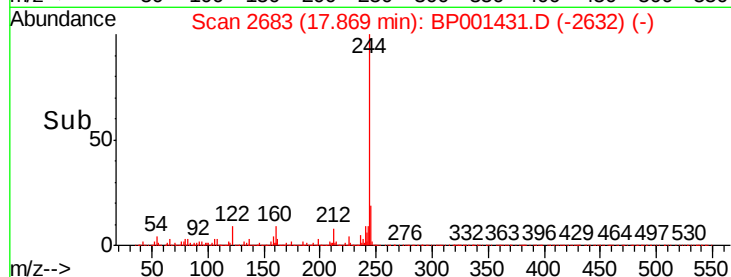
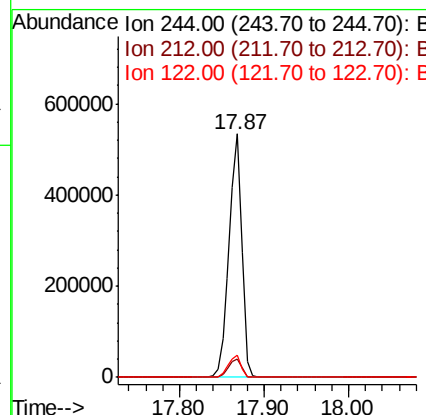
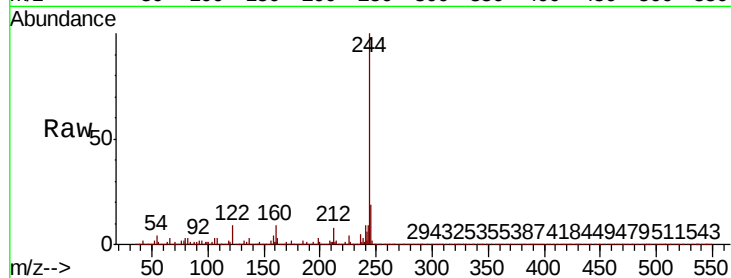




#79
 Terphenyl-d14
 Concen: 103.553 ng
 RT: 17.87 min Scan# 2683
 Delta R.T. -0.00 min
 Lab File: BP001431.D
 Acq: 26 Dec 2019 19:55

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	8.9	6.4	9.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.99 min Scan# 3214
 Delta R.T. -0.00 min
 Lab File: BP001431.D
 Acq: 26 Dec 2019 19:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.0	28.4
265	22.8	17.0	25.4

