

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122619\
 Data File : BP001443.D
 Acq On : 27 Dec 2019 04:24
 Operator : JU
 Sample : K6413-15
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Dec 27 10:34:28 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

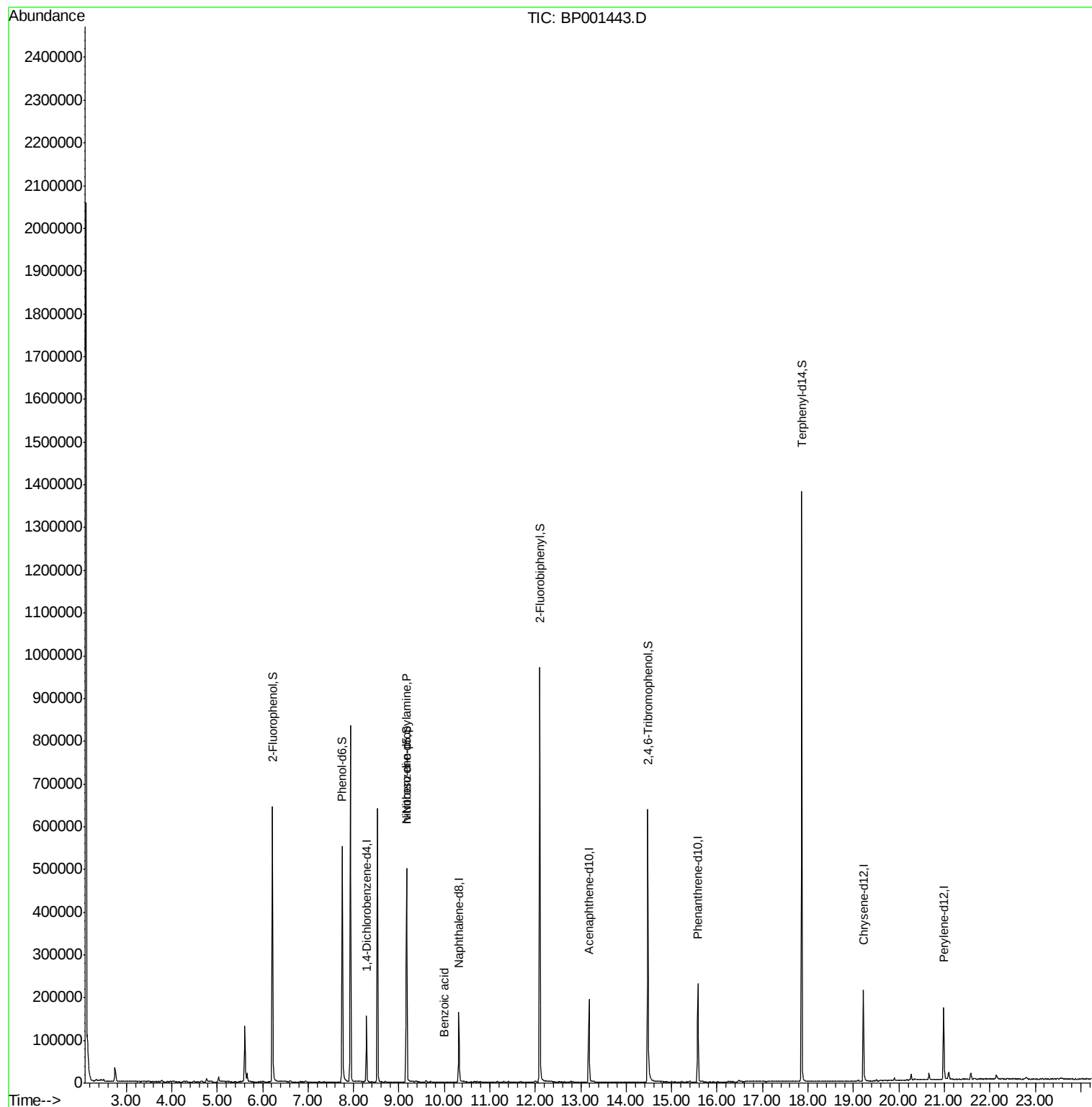
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	26350	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	94236	20.00	ng	0.00
39) Acenaphthene-d10	13.18	164	57224	20.00	ng	0.00
64) Phenanthrene-d10	15.57	188	113687	20.00	ng	0.00
76) Chrysene-d12	19.22	240	90229	20.00	ng	0.00
87) Perylene-d12	20.99	264	91272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	186891	114.63	ng	0.02
7) Phenol-d6	7.75	99	221405	104.07	ng	0.00
23) Nitrobenzene-d5	9.17	82	195808	79.79	ng	0.00
42) 2,4,6-Tribromophenol	14.48	330	95070	132.88	ng	0.00
45) 2-Fluorobiphenyl	12.10	172	379936	83.95	ng	0.00
79) Terphenyl-d14	17.86	244	536396	101.82	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.17	70	29925	19.814	ng	# 77
32) Benzoic acid	10.00	122	31	5.050	ng	# 41

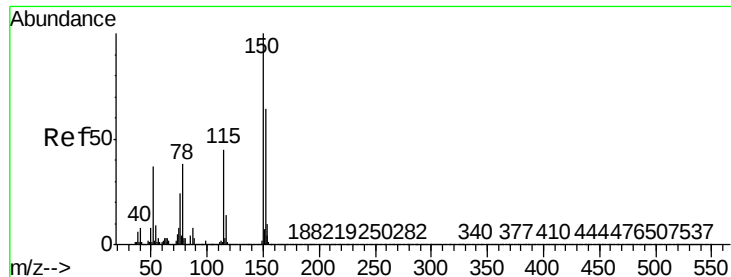
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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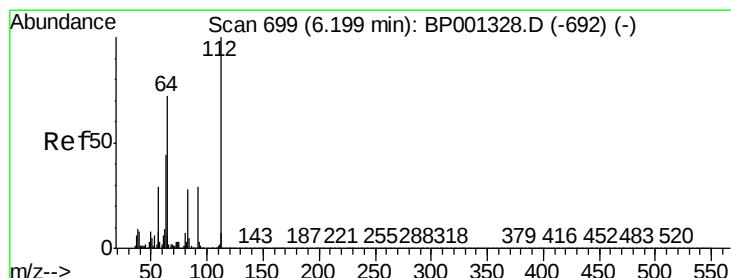
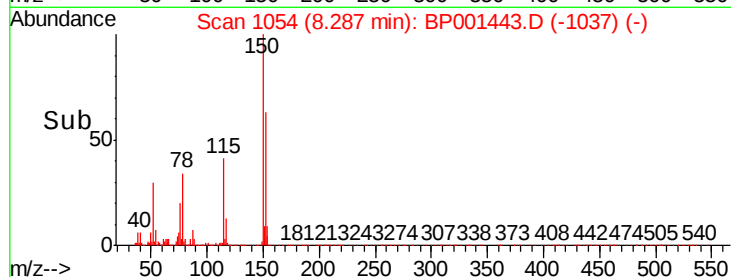
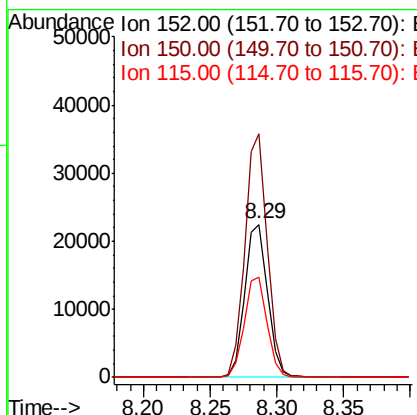
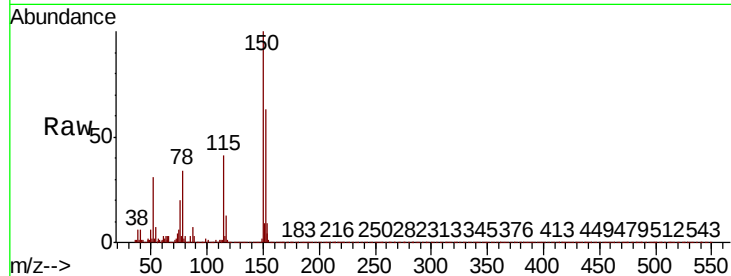




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.29 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BP001443.D
 Acq: 27 Dec 2019 04:24

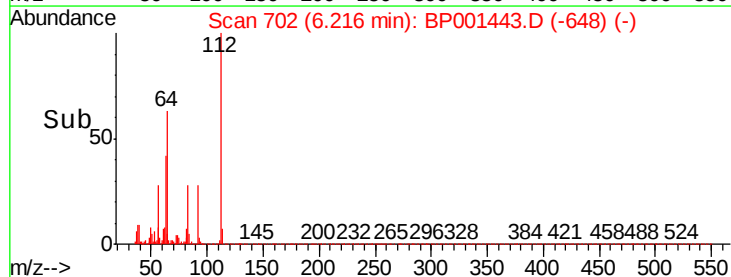
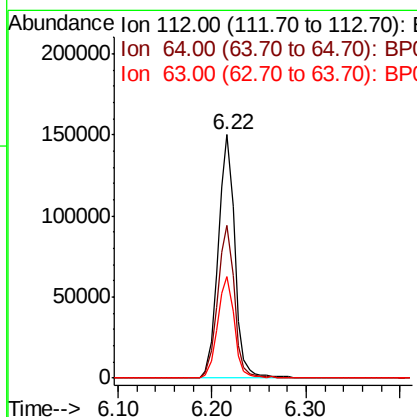
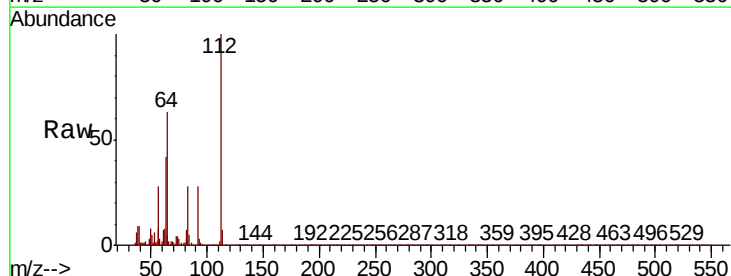
Instrument :
 BNA_P
 ClientSampleId :

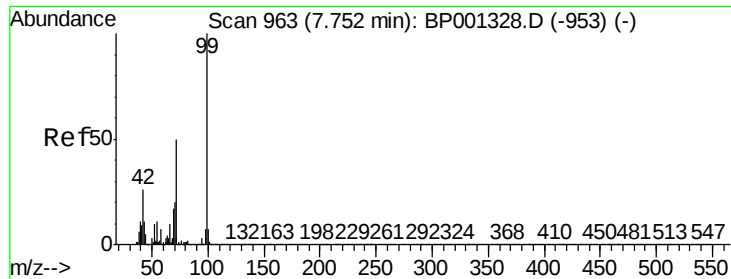
Tot Ion:	152	Resp:	26350
Ion	Ratio	Lower	Upper
152	100		
150	159.4	127.0	190.6
115	65.8	56.1	84.1



#5
 2-Fluorophenol
 Concen: 114.631 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.02 min
 Lab File: BP001443.D
 Acq: 27 Dec 2019 04:24

Tgt Ion:	112	Resp:	186891
Ion	Ratio	Lower	Upper
112	100		
64	62.6	53.9	80.9
63	41.9	33.4	50.0





#7

Phenol-d6

Concen: 104.072 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.00 min

Lab File: BP001443.D

Acq: 27 Dec 2019 04:24

Instrument :

BNA_P

ClientSampleId :

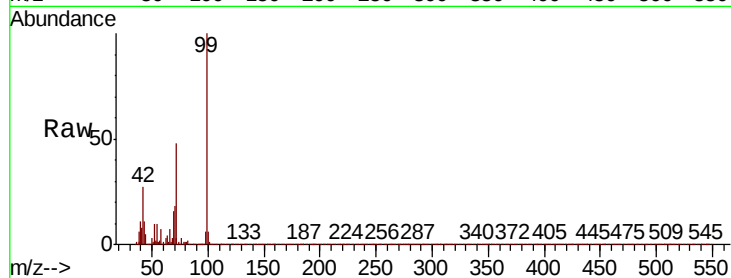
Tot Ion: 99 Resp: 221405

Ion Ratio Lower Upper

99 100

42 27.2 20.8 31.2

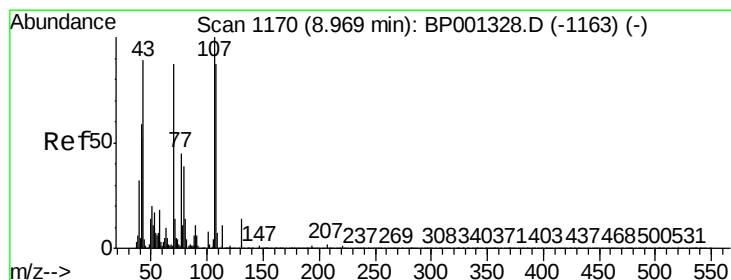
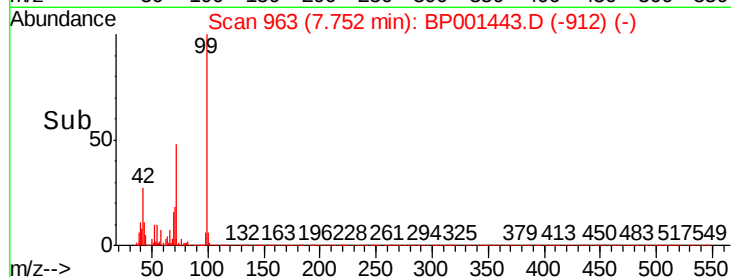
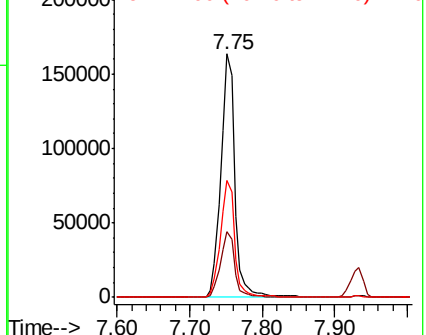
71 47.8 38.2 57.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.814 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.21 min

Lab File: BP001443.D

Acq: 27 Dec 2019 04:24

Tgt Ion: 70 Resp: 29925

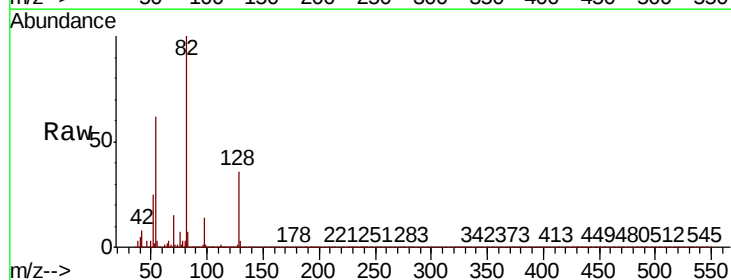
Ion Ratio Lower Upper

70 100

42 55.0 55.8 83.8#

101 0.1 8.2 12.2#

130 1.2 14.5 21.7#

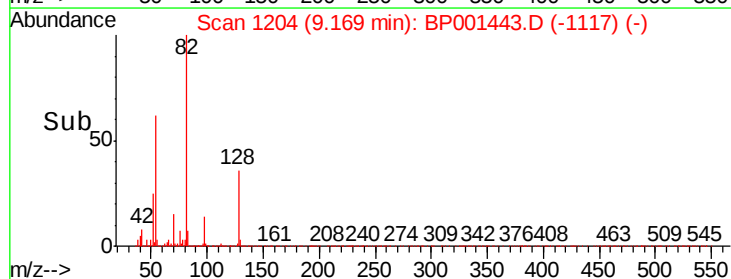
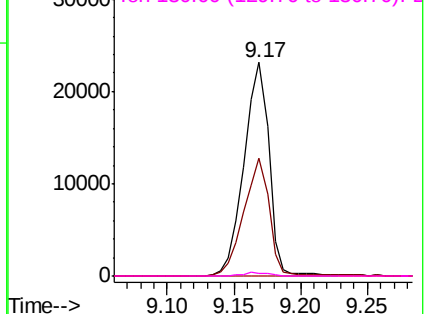


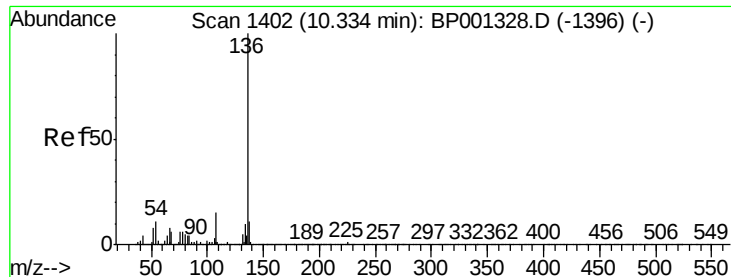
Abundance Ion 70.00 (69.70 to 70.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

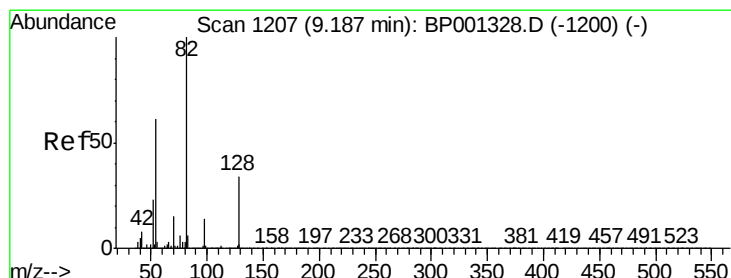
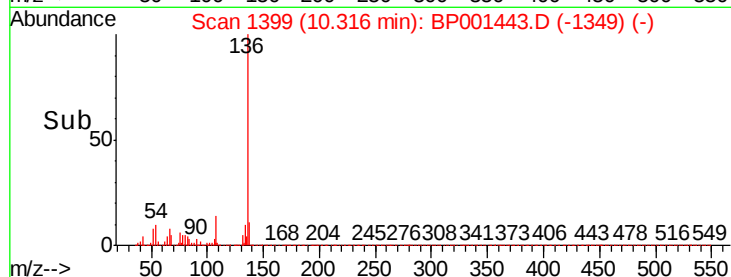
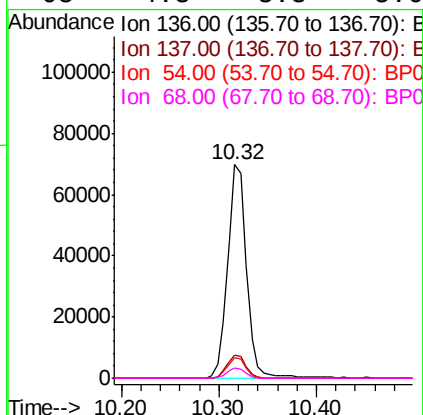
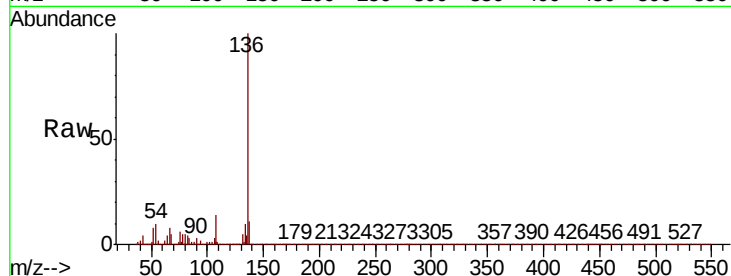




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.32 min Scan# 1399
Delta R.T. -0.01 min
Lab File: BP001443.D
Acq: 27 Dec 2019 04:24

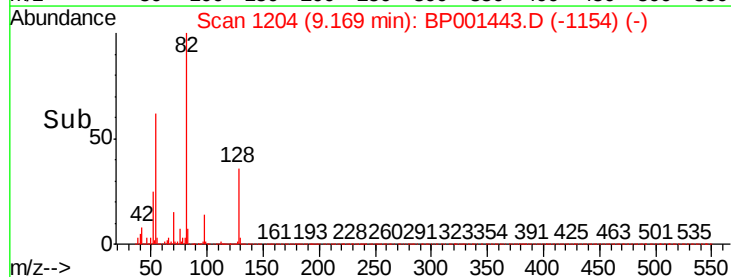
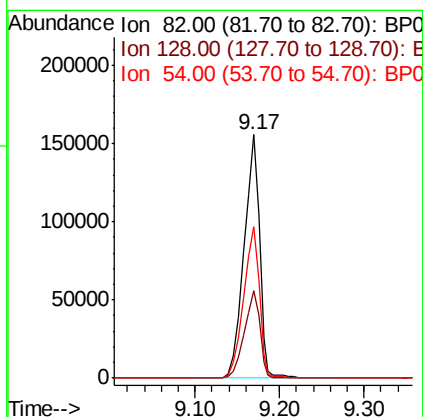
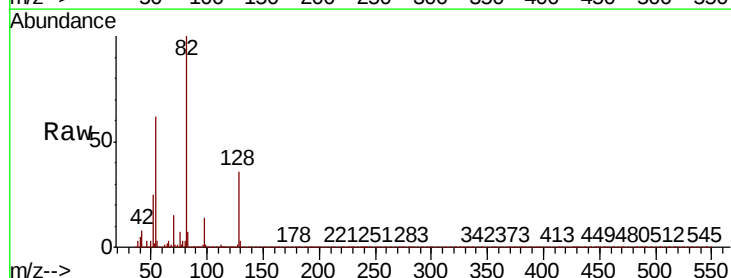
Instrument :
BNA_P
ClientSampleId :

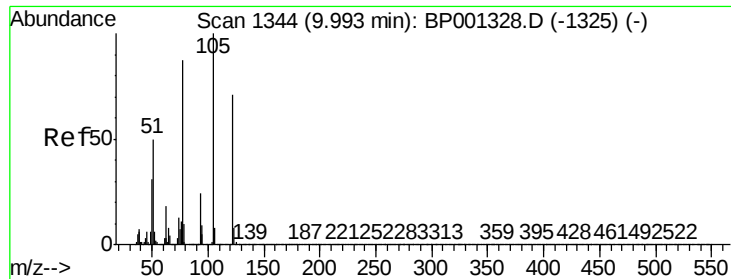
Tot Ion:136	Resp:	94236
Ion Ratio	Lower	Upper
136 100		
137 11.0	9.0	13.4
54 9.7	7.3	10.9
68 4.8	3.8	5.6



#23
Nitrobenzene-d5
Concen: 79.792 ng
RT: 9.17 min Scan# 1204
Delta R.T. -0.01 min
Lab File: BP001443.D
Acq: 27 Dec 2019 04:24

Tgt Ion: 82	Resp: 195808
Ion Ratio	Lower Upper
82 100	
128 36.0	27.4 41.0
54 62.1	47.5 71.3

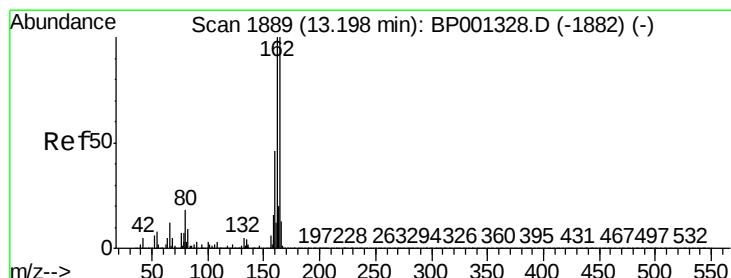
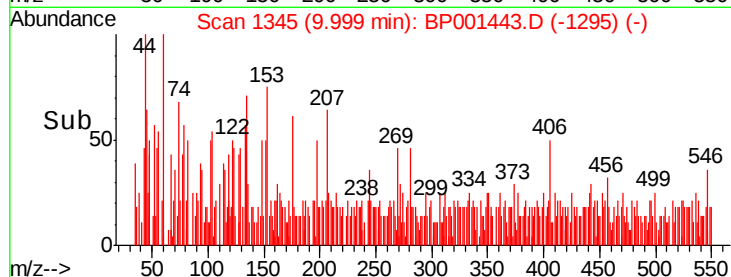
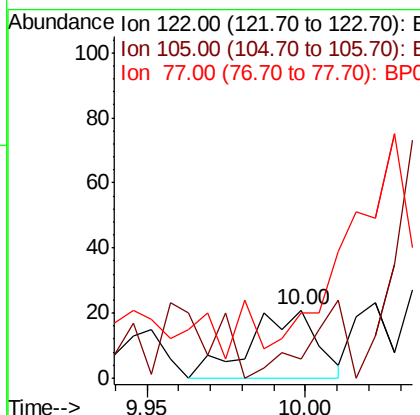
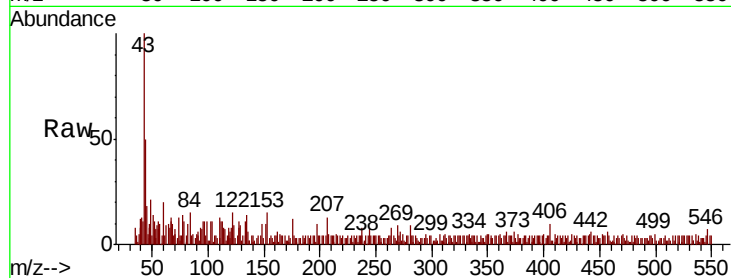




#32
Benzoic acid
Concen: 5.050 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BP001443.D
Acq: 27 Dec 2019 04:24

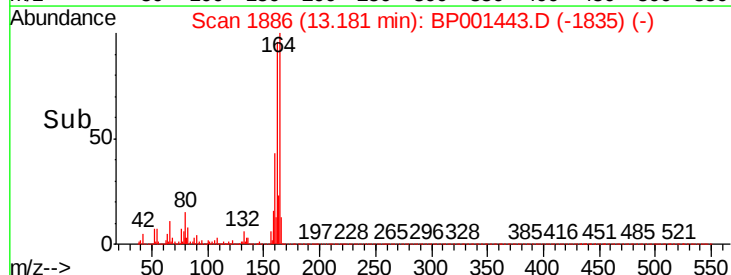
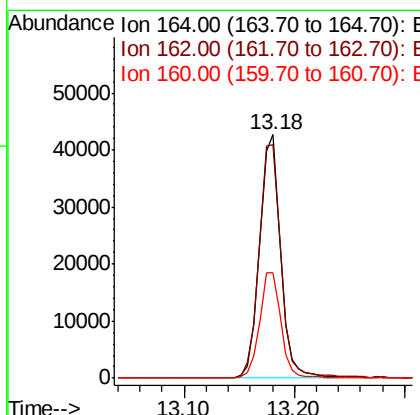
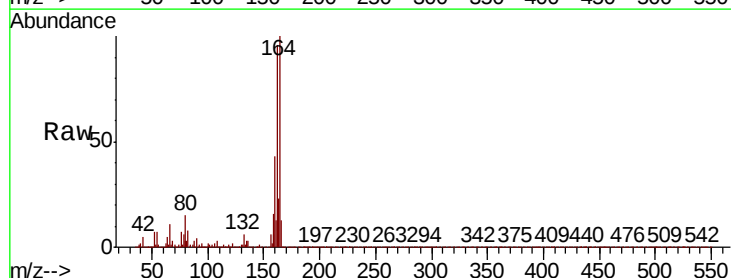
Instrument :
BNA_P
ClientSampleId :

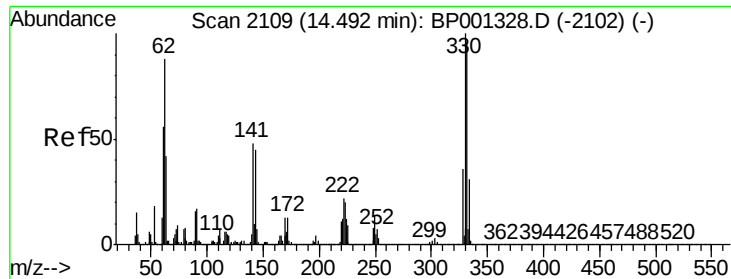
Tot Ion:122 Resp: 31
Ion Ratio Lower Upper
122 100
105 28.6 117.8 157.8#
77 123.8 85.6 125.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.18 min Scan# 1886
Delta R.T. -0.00 min
Lab File: BP001443.D
Acq: 27 Dec 2019 04:24

Tgt Ion:164 Resp: 57224
Ion Ratio Lower Upper
164 100
162 95.7 78.2 117.4
160 43.2 35.1 52.7

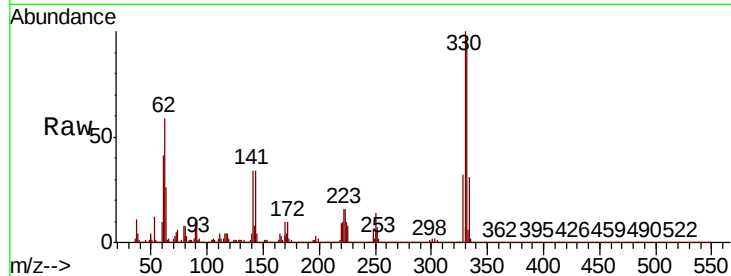




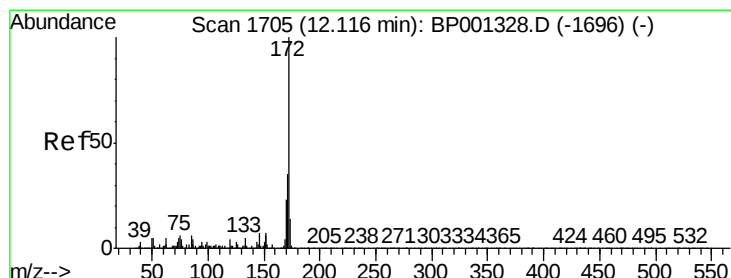
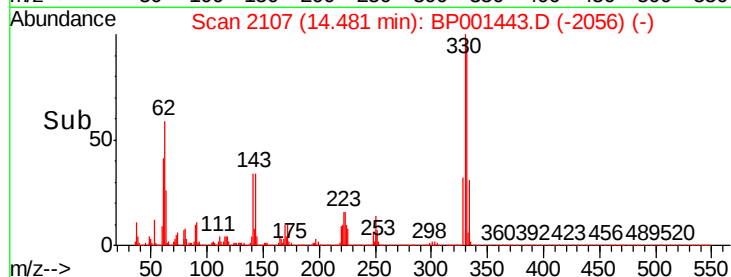
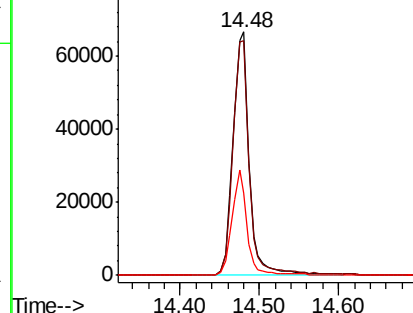
#42
2,4,6-Tribromophenol
Concen: 132.885 ng
RT: 14.48 min Scan# 2107
Delta R.T. -0.00 min
Lab File: BP001443.D
Acq: 27 Dec 2019 04:24

Instrument :
BNA_P
ClientSampleId :

Tot Ion:330 Resp: 95070
Ion Ratio Lower Upper
330 100
332 97.2 78.3 117.5
141 40.2 26.8 40.2

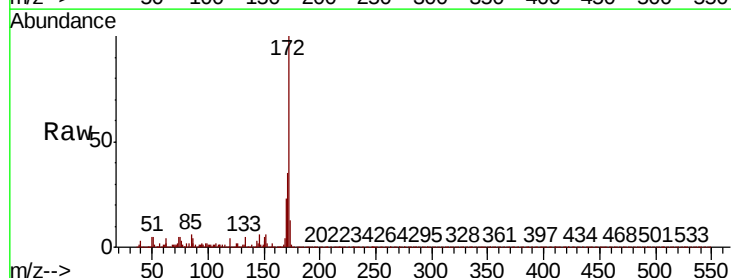


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

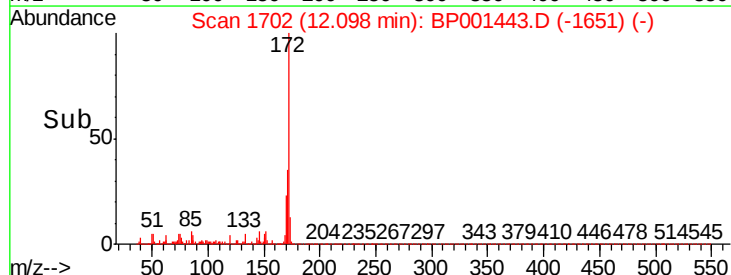
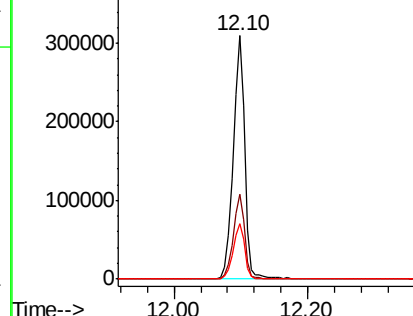


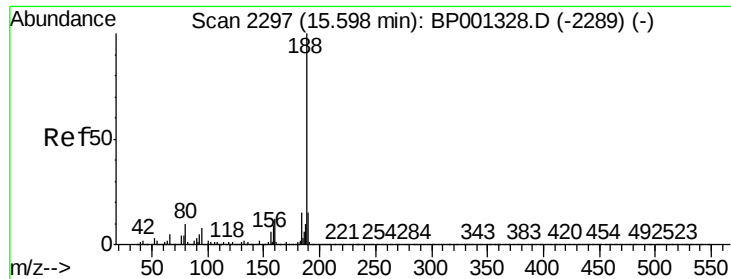
#45
2-Fluorobiphenyl
Concen: 83.955 ng
RT: 12.10 min Scan# 1702
Delta R.T. -0.00 min
Lab File: BP001443.D
Acq: 27 Dec 2019 04:24

Tgt Ion:172 Resp: 379936
Ion Ratio Lower Upper
172 100
171 34.6 27.4 41.0
170 22.9 18.2 27.4



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

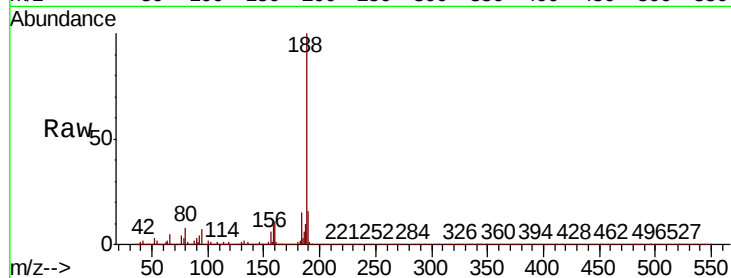




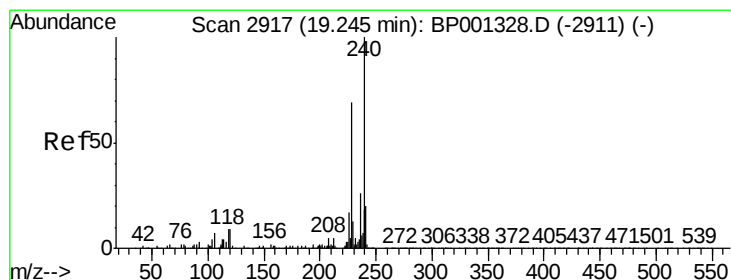
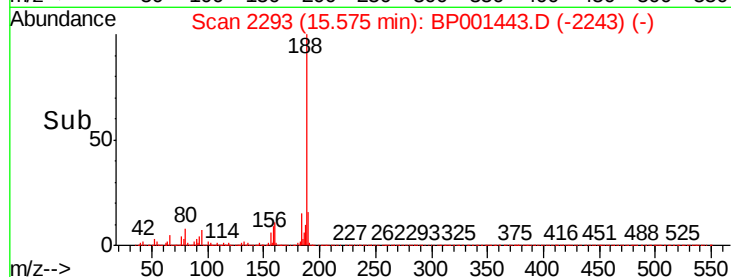
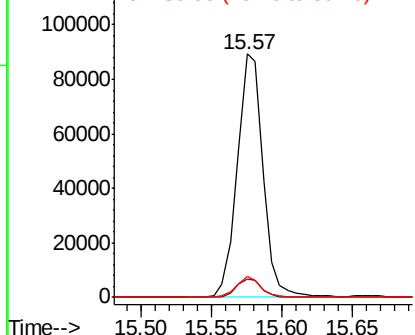
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.57 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BP001443.D
Acq: 27 Dec 2019 04:24

Instrument :
BNA_P
ClientSampled :

Tot Ion:188 Resp: 113687
Ion Ratio Lower Upper
188 100
94 7.4 5.8 8.8
80 8.5 5.7 8.5

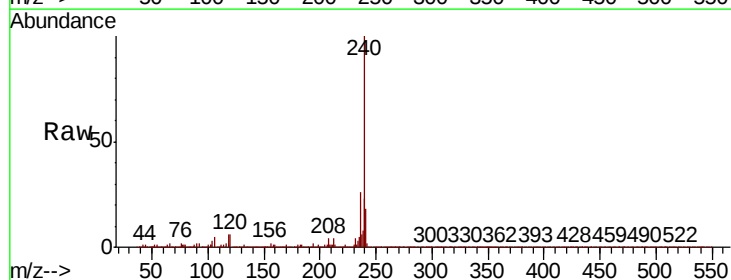


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BP0
Ion 80.00 (79.70 to 80.70): BP0

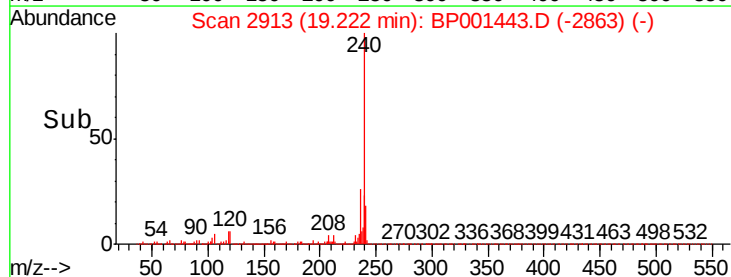
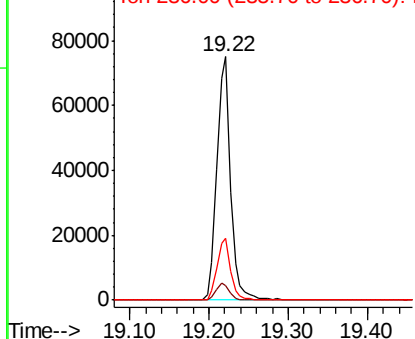


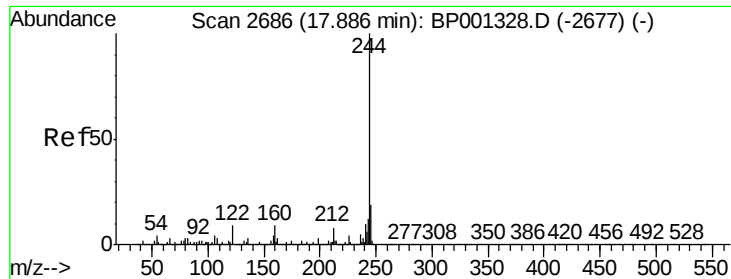
#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.22 min Scan# 2913
Delta R.T. -0.01 min
Lab File: BP001443.D
Acq: 27 Dec 2019 04:24

Tgt Ion:240 Resp: 90229
Ion Ratio Lower Upper
240 100
120 6.1 6.2 9.2#
236 25.7 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

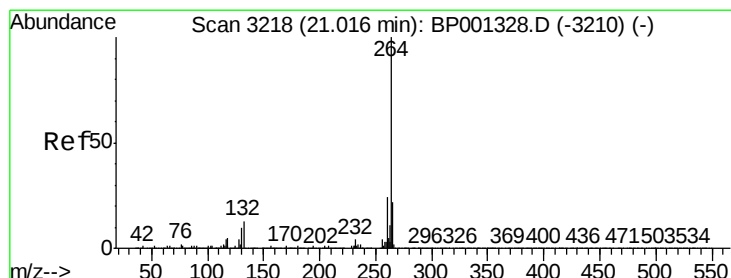
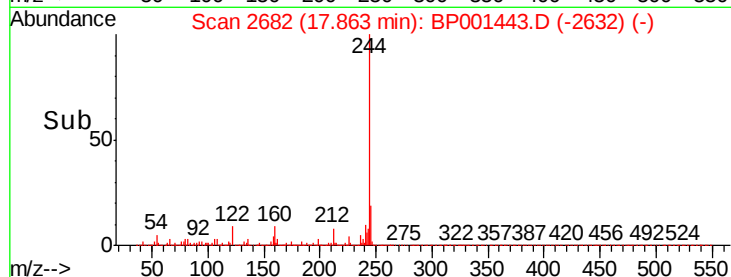
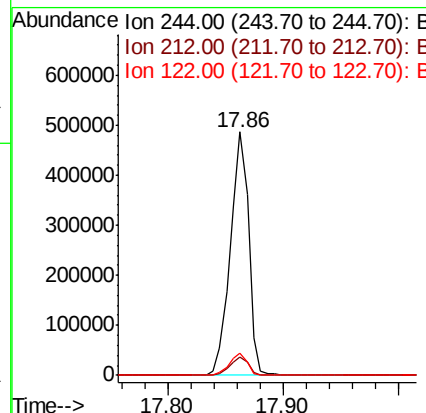
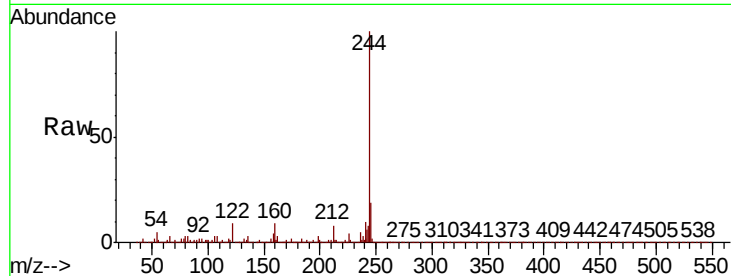




#79
 Terphenyl-d14
 Concen: 101.821 ng
 RT: 17.86 min Scan# 2682
 Delta R.T. -0.01 min
 Lab File: BP001443.D
 Acq: 27 Dec 2019 04:24

Instrument :
 BNA_P
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.8	8.8
122	9.1	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: BP001443.D
 Acq: 27 Dec 2019 04:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.0	28.4
265	22.0	17.0	25.4

