

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000888.D
 Acq On : 18 Oct 2019 20:15
 Operator : JU
 Sample : K5266-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AMENDED-COMPOSITE-C RE

Quant Time: Oct 19 02:19:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 16:40:44 2019
 Response via : Initial Calibration

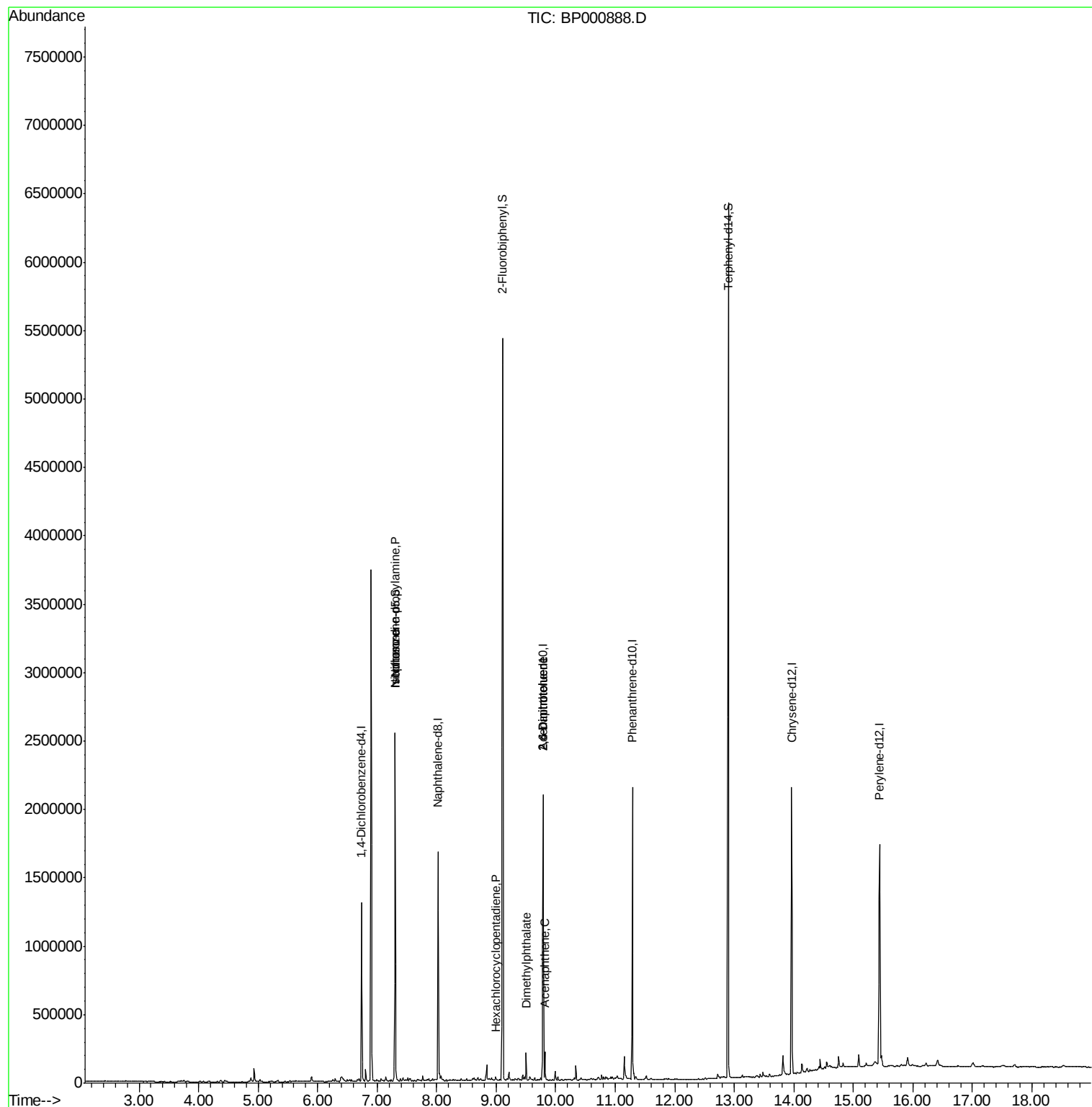
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	187917	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	697932	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	388819	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	714478	20.00	ng	0.00
76) Chrysene-d12	13.96	240	657979	20.00	ng	0.00
87) Perylene-d12	15.44	264	746196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	19	0.00	ng	0.00
7) Phenol-d6	6.39	99	7002	0.50	ng	0.00
23) Nitrobenzene-d5	7.30	82	776959	67.99	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	1298	0.31	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1798770	74.85	ng	0.00
79) Terphenyl-d14	12.90	244	2325495	71.56	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.30	70	97453	15.008	ng	Qvalue # 75
25) Isophorone	7.30	82	775904	38.257	ng	# 61
41) Hexachlorocyclopentadiene	9.00	237	17	7.300	ng	83
50) Dimethylphthalate	9.50	163	82702	3.061	ng	98
51) 2,6-Dinitrotoluene	9.79	165	50630	8.594	ng	# 32
52) Acenaphthene	9.82	154	45164	2.175	ng	98
57) 2,4-Dinitrotoluene	9.79	165	50630	6.481	ng	# 31

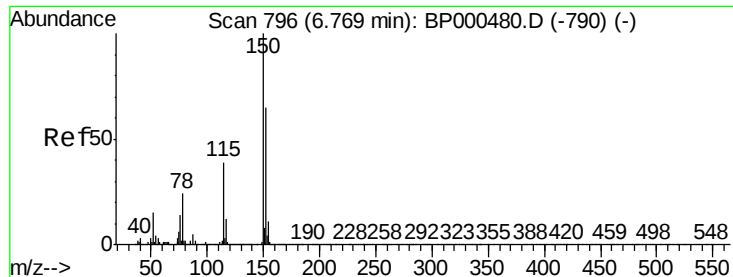
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000888.D
Acq On : 18 Oct 2019 20:15
Operator : JU
Sample : K5266-14
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Quant Time: Oct 19 02:19:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 16:40:44 2019
Response via : Initial Calibration



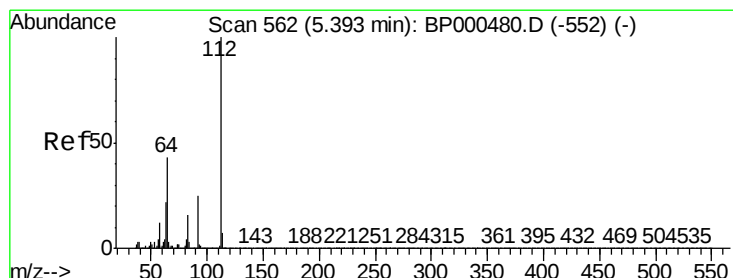
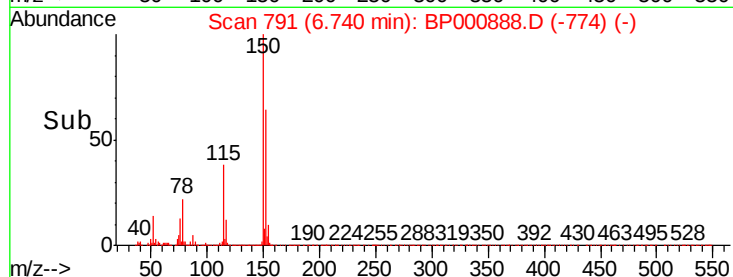
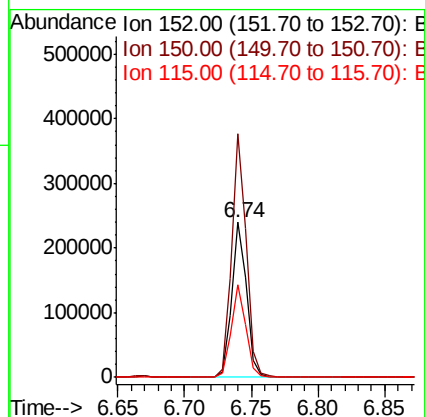
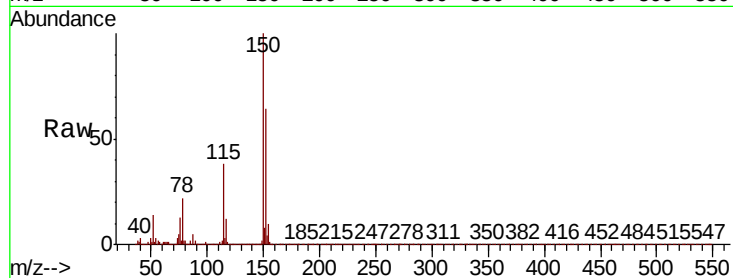


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

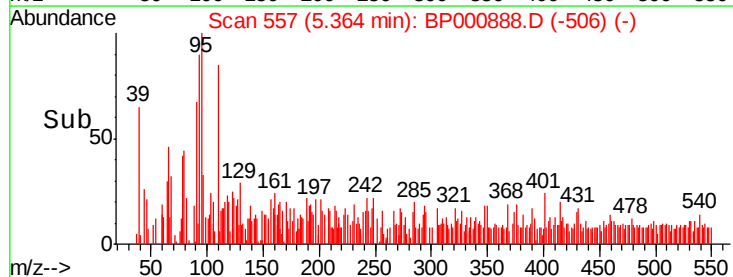
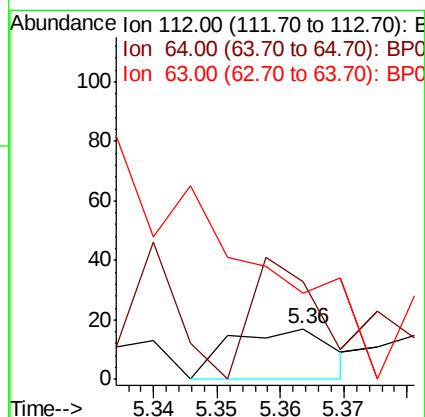
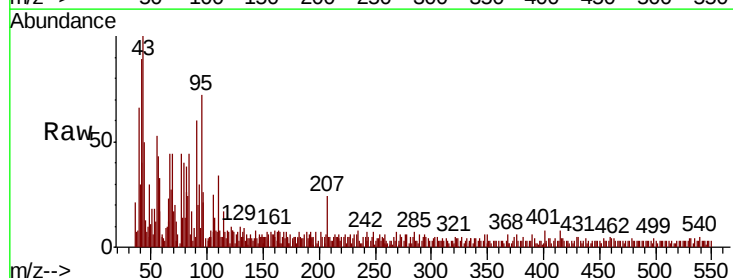
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.8
115	60.1	46.8	70.2

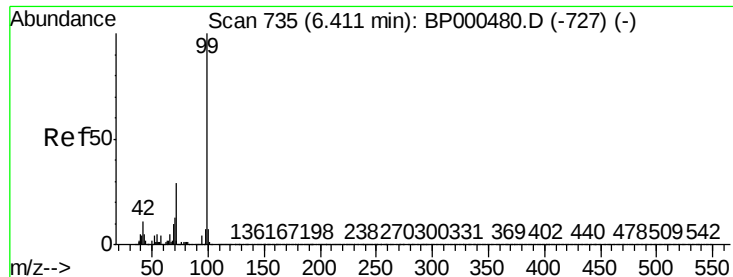


#5

2-Fluorophenol
Concen: 0.002 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.00 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	194.1	33.9	50.9#
63	170.6	17.4	26.0#





#7

Phenol-d6

Concen: 0.497 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BP000888.D

Acq: 18 Oct 2019 20:15

Instrument :

BNA_P

ClientSampleId :

AMENDED-COMPOSITE-C RE

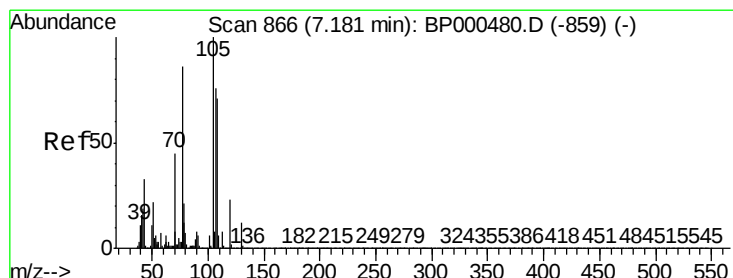
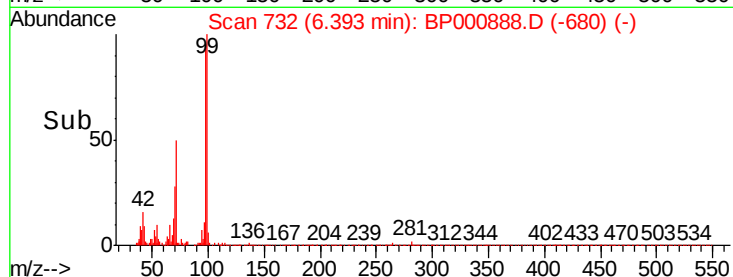
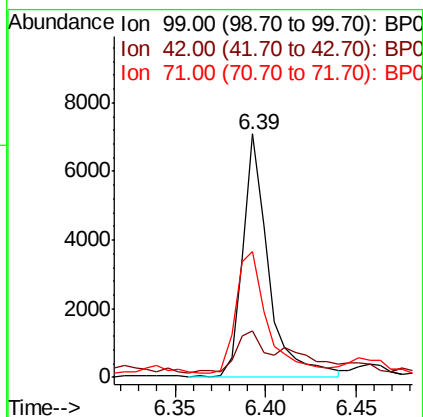
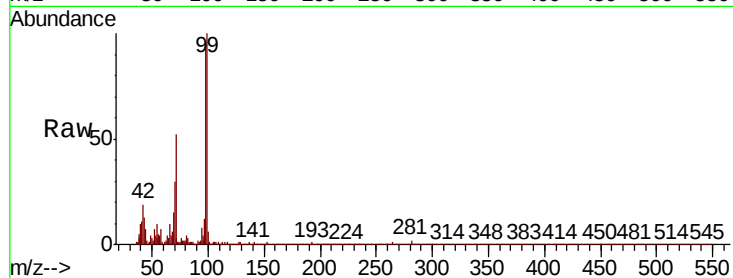
Tot Ion: 99 Resp: 7002

Ion Ratio Lower Upper

99 100

42 18.9 8.7 13.1#

71 51.5 24.1 36.1#



#19

n-Nitroso-di-n-propylamine

Concen: 15.008 ng

RT: 7.30 min Scan# 887

Delta R.T. 0.15 min

Lab File: BP000888.D

Acq: 18 Oct 2019 20:15

Tgt Ion: 70 Resp: 97453

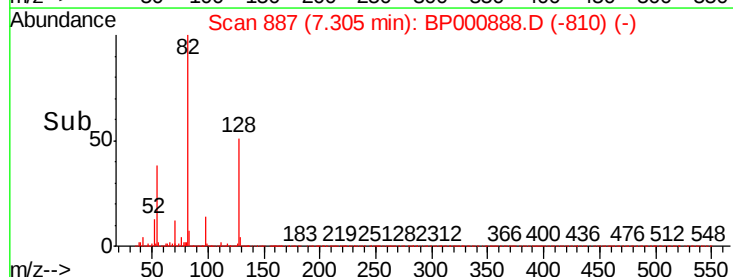
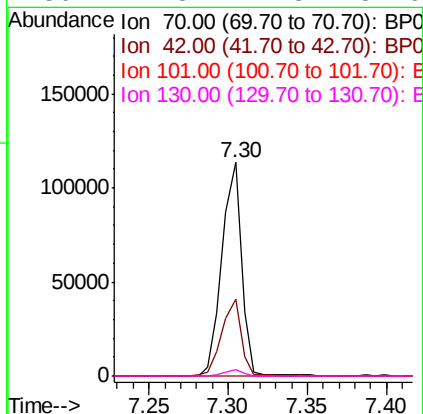
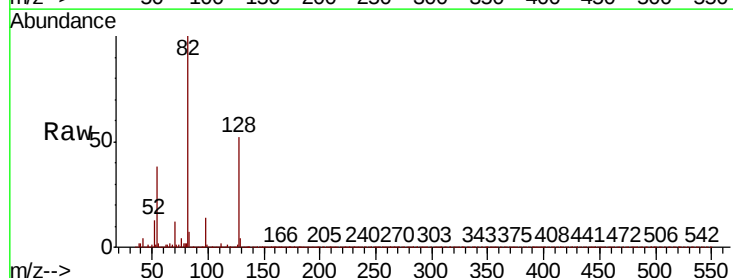
Ion Ratio Lower Upper

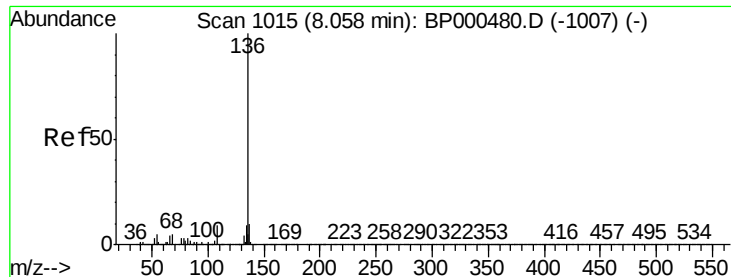
70 100

42 35.9 34.0 51.0

101 0.1 9.5 14.3#

130 2.8 21.3 31.9#

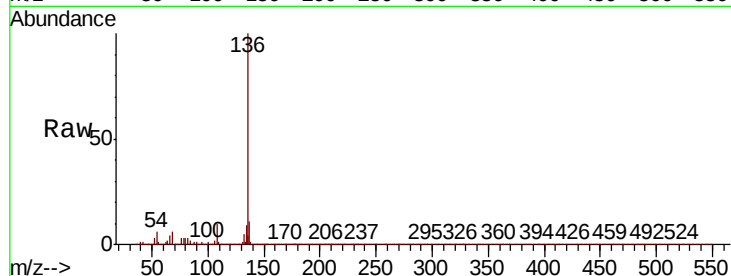




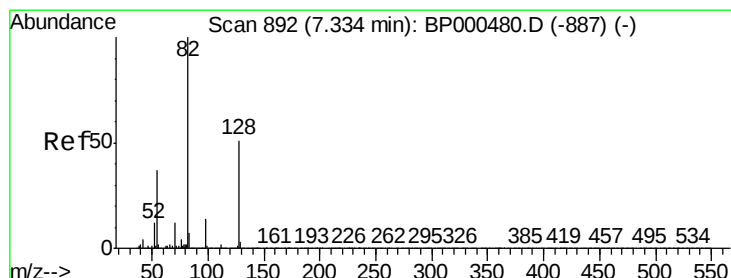
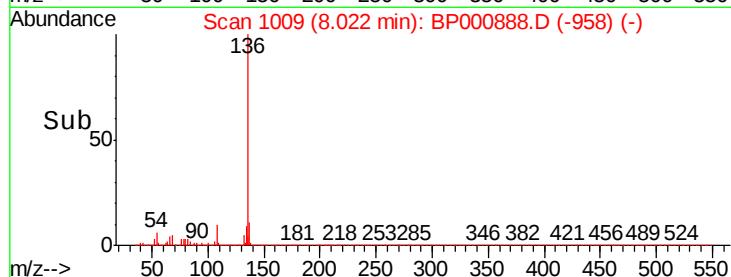
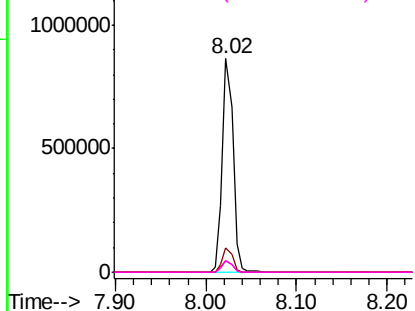
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion:136	Resp:	697932
Ion	Ratio	Lower Upper
136	100	
137	11.2	8.9 13.3
54	5.7	4.6 6.8
68	5.5	4.4 6.6

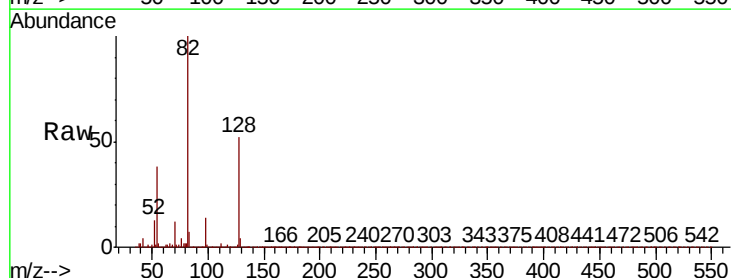


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

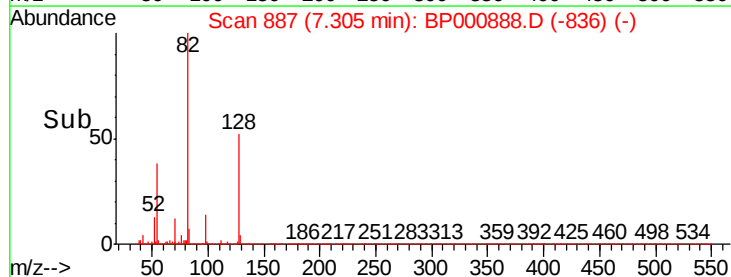
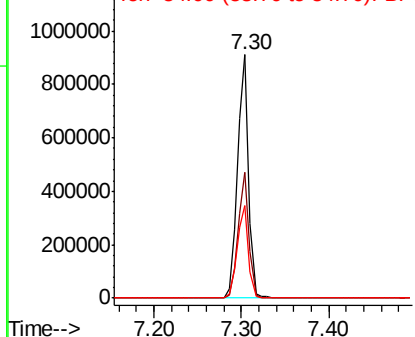


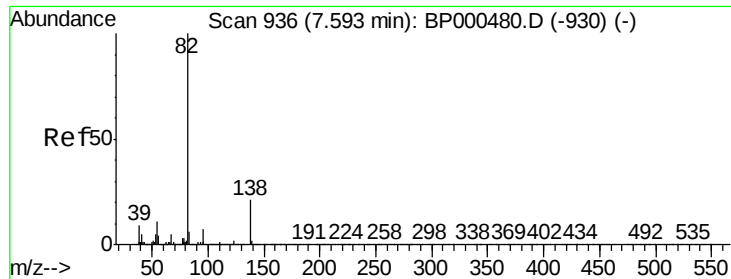
#23
Nitrobenzene-d5
Concen: 67.991 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Tgt Ion: 82	Resp:	776959
Ion	Ratio	Lower Upper
82	100	
128	51.5	41.2 61.8
54	38.0	30.6 45.8



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





#25

Isophorone

Concen: 38.257 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.26 min

Lab File: BP000888.D

Acq: 18 Oct 2019 20:15

Instrument :

BNA_P

ClientSampleId :

AMENDED-COMPOSITE-C RE

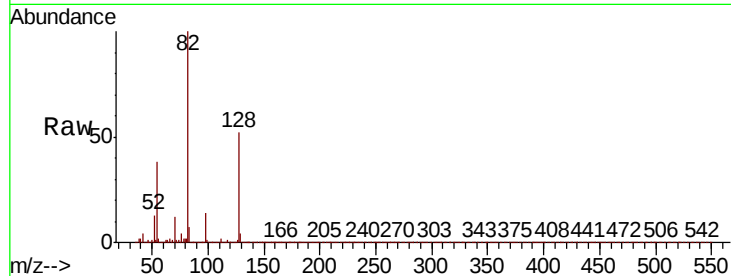
Tot Ion: 82 Resp: 775904

Ion Ratio Lower Upper

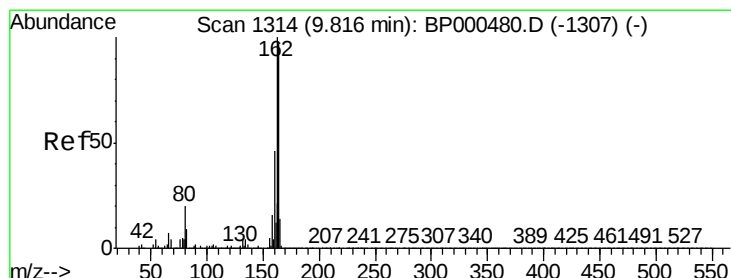
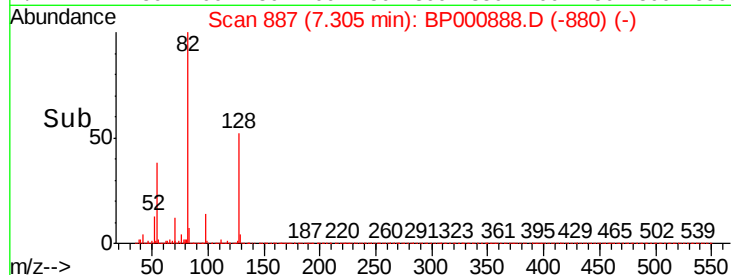
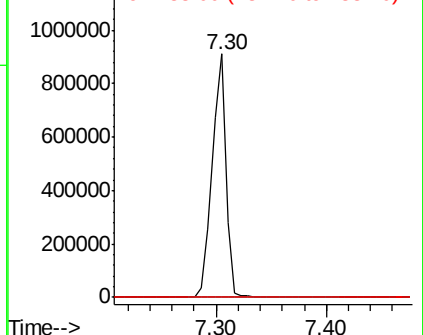
82 100

95 0.0 6.2 9.4#

138 0.0 17.0 25.4#



Abundance Ion 82.00 (81.70 to 82.70): BP0
Ion 95.00 (94.70 to 95.70): BP0
Ion 138.00 (137.70 to 138.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BP000888.D

Acq: 18 Oct 2019 20:15

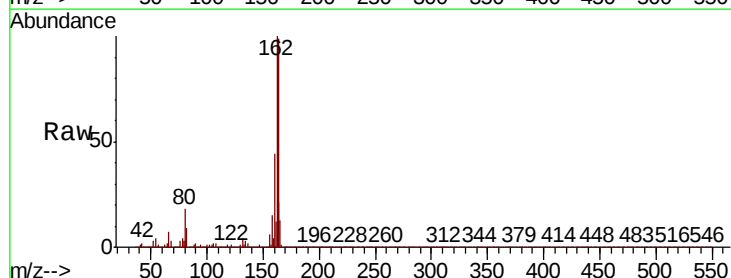
Tgt Ion:164 Resp: 388819

Ion Ratio Lower Upper

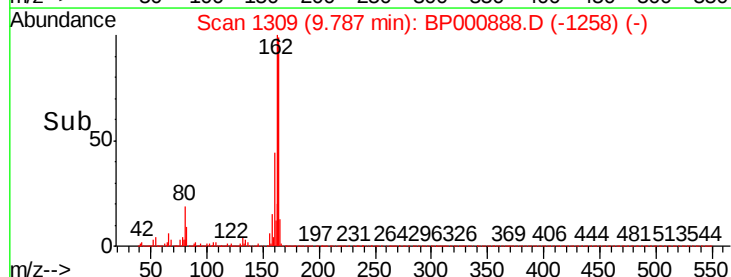
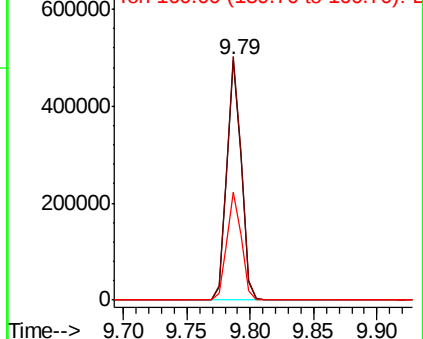
164 100

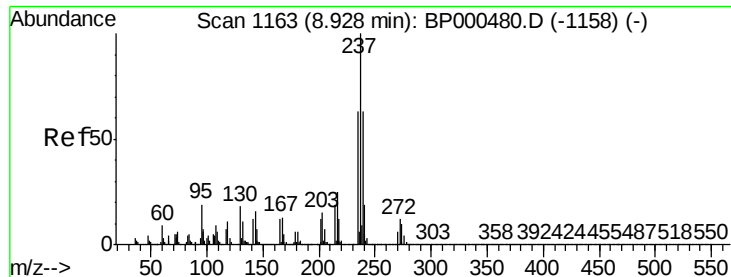
162 101.4 80.6 121.0

160 44.7 35.4 53.2



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

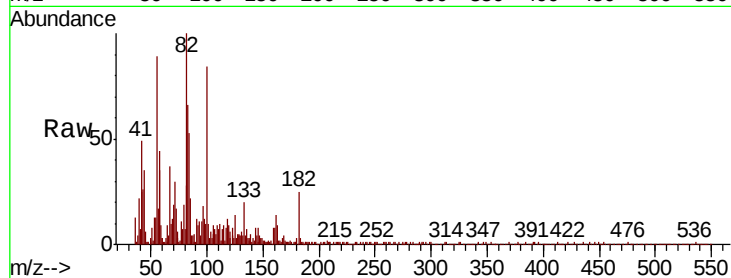




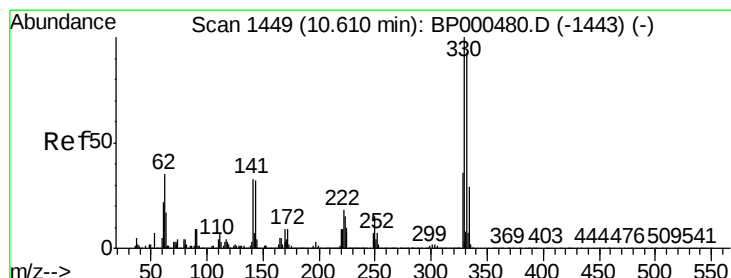
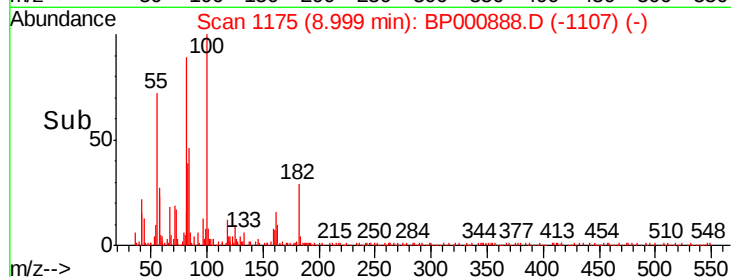
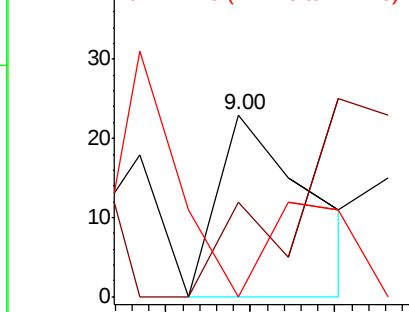
#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 9.00 min Scan# 1175
Delta R.T. 0.10 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion:237 Resp: 17
Ion Ratio Lower Upper
237 100
235 52.2 42.3 82.3
272 0.0 0.0 33.6

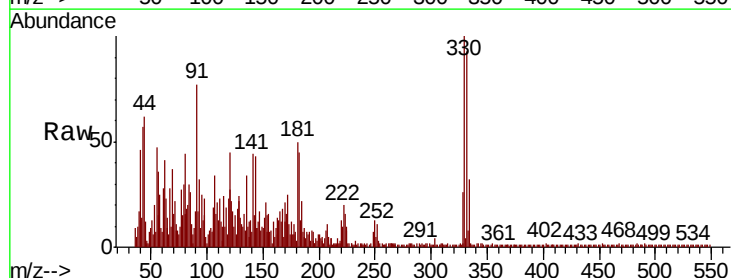


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

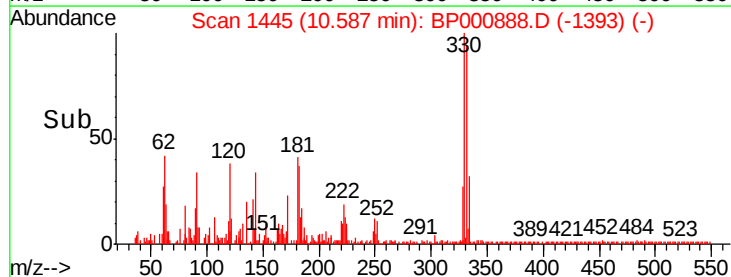
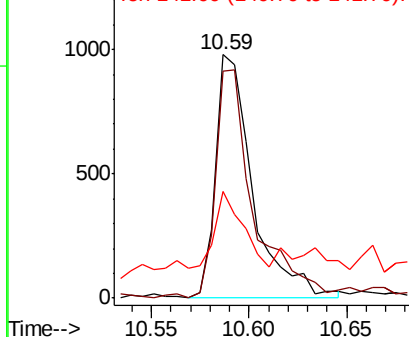


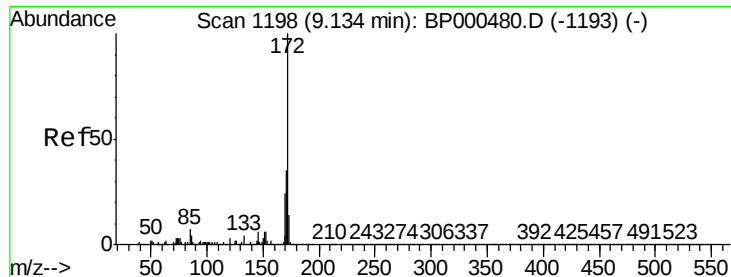
#42
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Tgt Ion:330 Resp: 1298
Ion Ratio Lower Upper
330 100
332 96.9 78.2 117.4
141 42.0 23.7 35.5#



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

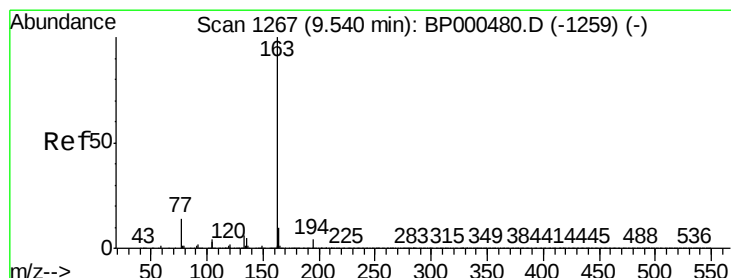
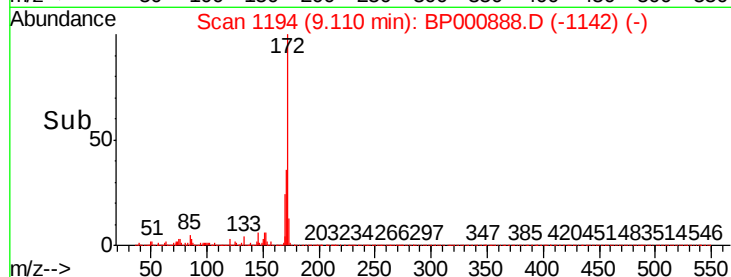
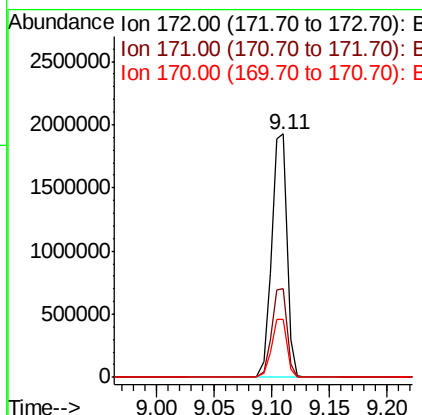
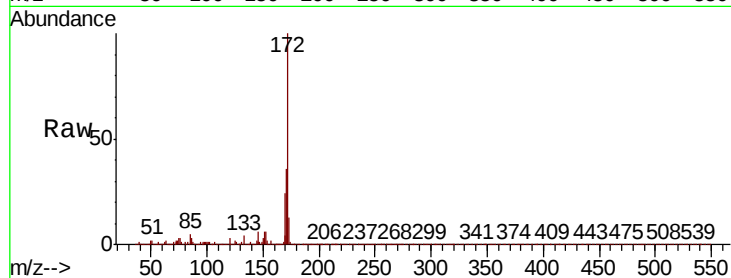




#45
2-Fluorobiphenyl
Concen: 74.852 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

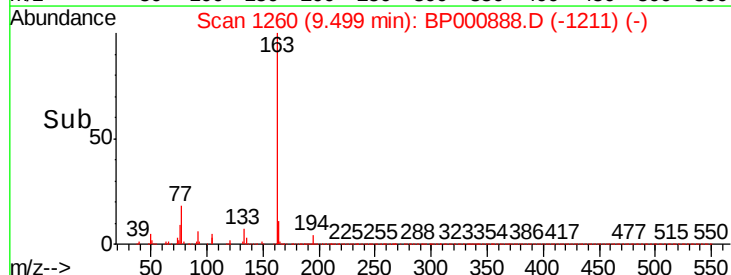
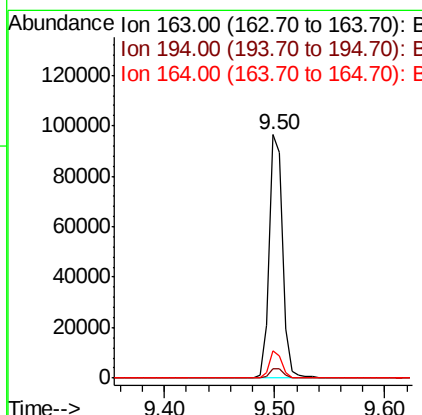
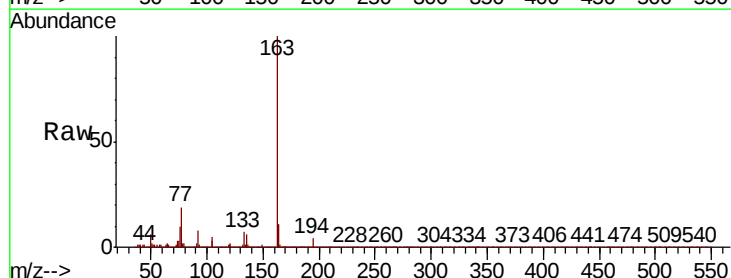
Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

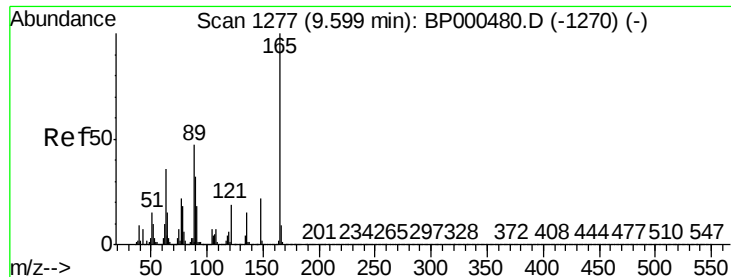
Tot Ion:172 Resp: 1798770
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.4
170 23.7 19.3 28.9



#50
Dimethylphthalate
Concen: 3.061 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Tgt Ion:163 Resp: 82702
Ion Ratio Lower Upper
163 100
194 4.0 3.5 5.3
164 11.0 8.3 12.5

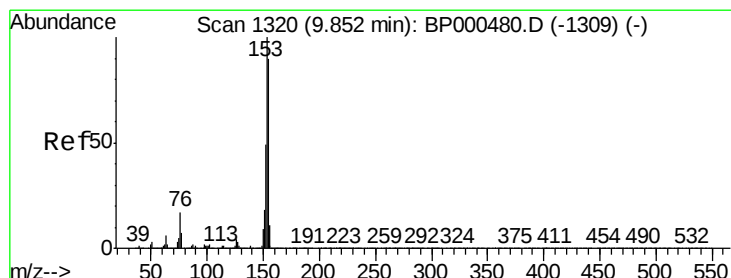
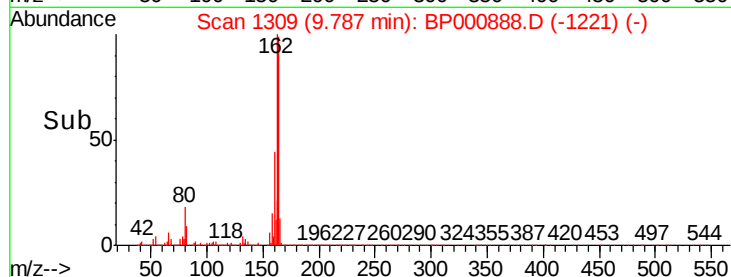
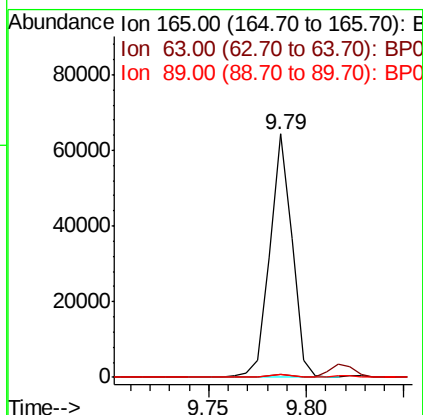
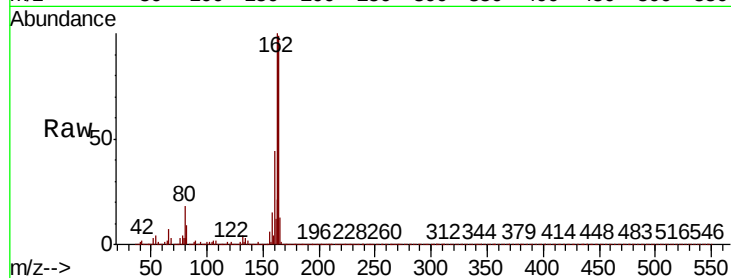




#51
 2,6-Dinitrotoluene
 Concen: 8.594 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.22 min
 Lab File: BP000888.D
 Acq: 18 Oct 2019 20:15

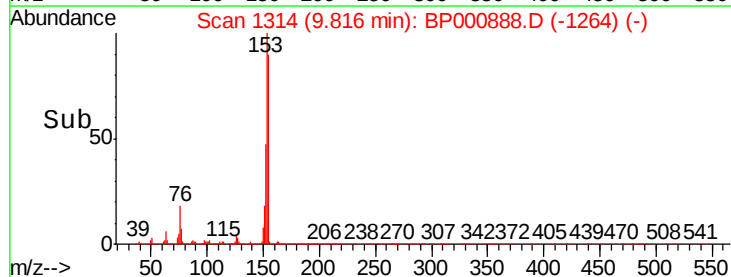
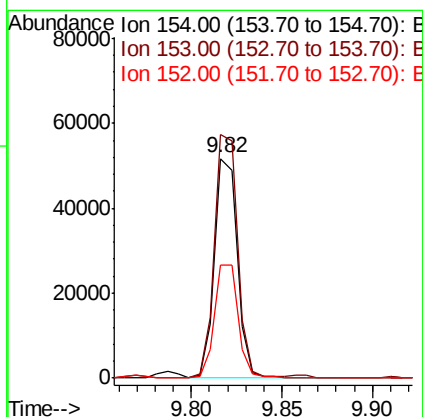
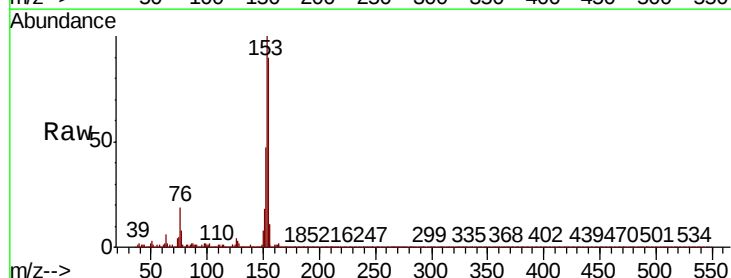
Instrument :
 BNA_P
 ClientSampleId :
 AMENDED-COMPOSITE-C RE

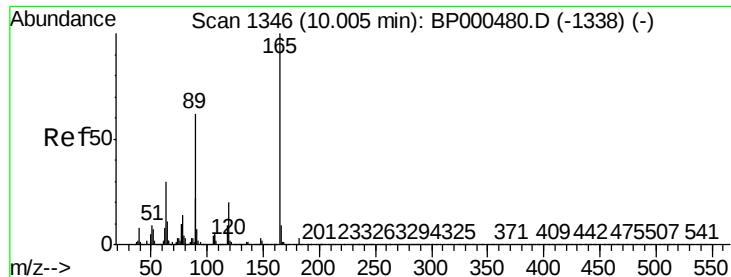
Tot Ion:165 Resp: 50630
 Ion Ratio Lower Upper
 165 100
 63 1.0 33.6 50.4#
 89 1.3 40.8 61.2#



#52
 Acenaphthene
 Concen: 2.175 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BP000888.D
 Acq: 18 Oct 2019 20:15

Tgt Ion:154 Resp: 45164
 Ion Ratio Lower Upper
 154 100
 153 111.0 90.4 135.6
 152 51.7 42.5 63.7

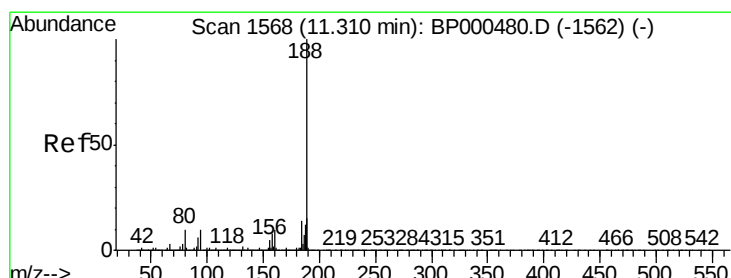
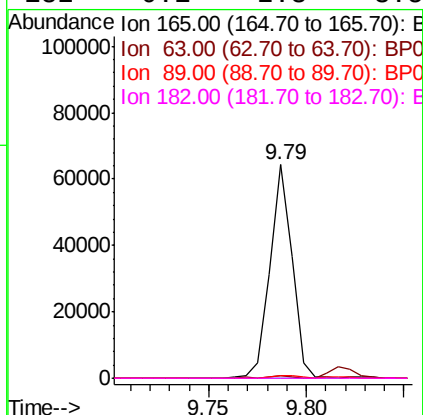
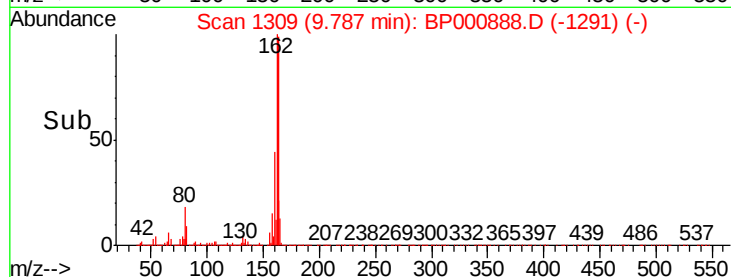
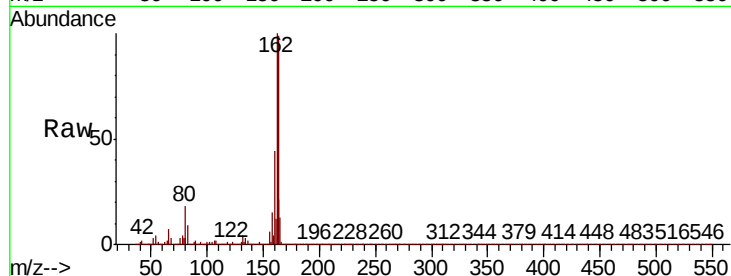




#57
2,4-Dinitrotoluene
Concen: 6.481 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.19 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

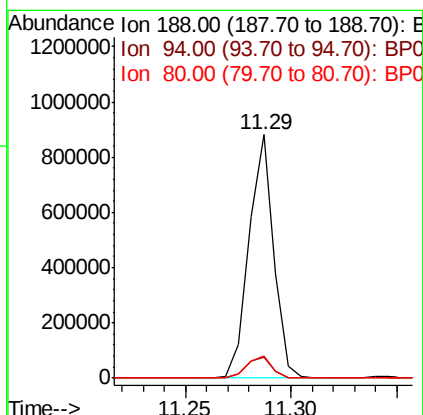
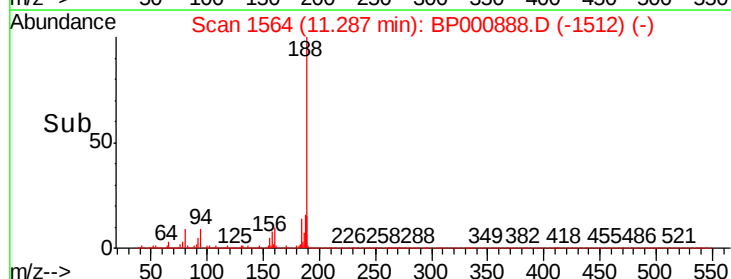
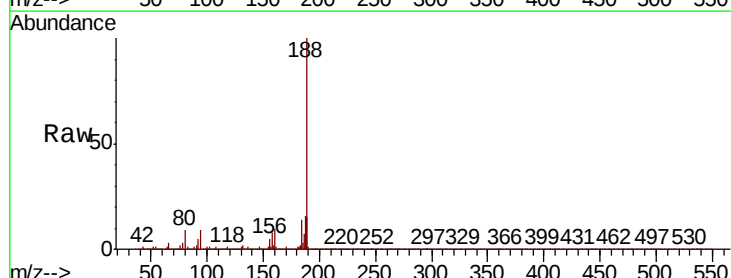
Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

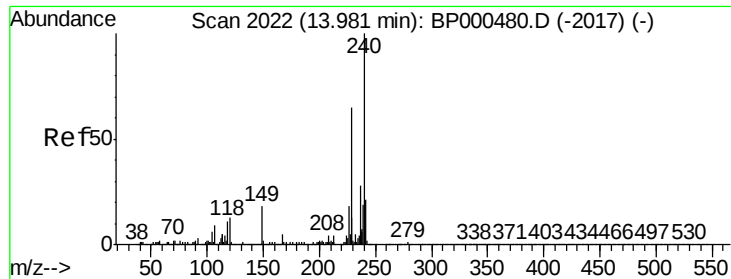
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.2#
89	1.3	49.2	73.8#
182	0.1	2.3	3.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.01 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.8	8.0	12.0
80	8.9	8.2	12.4

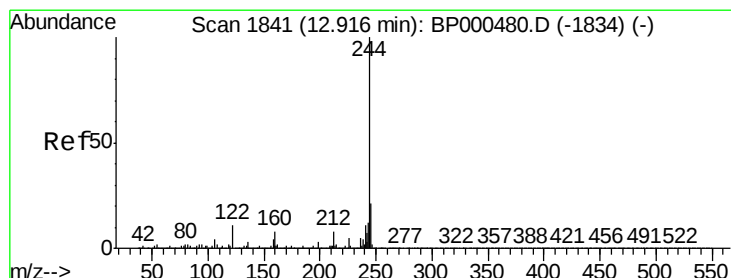
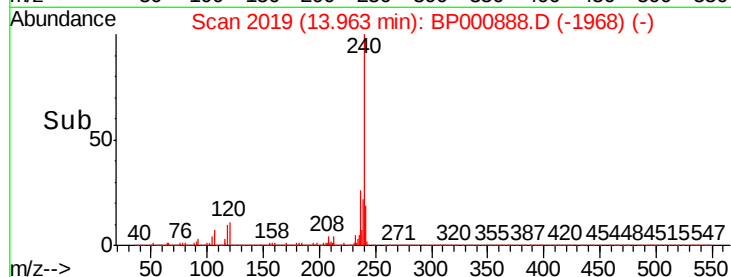
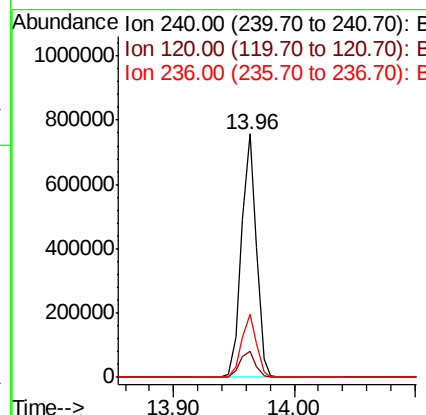
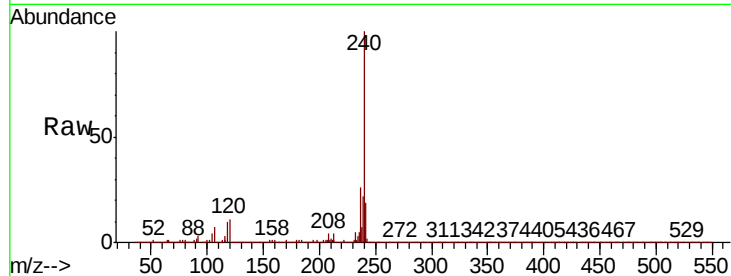




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.96 min Scan# 2019
 Delta R.T. -0.00 min
 Lab File: BP000888.D
 Acq: 18 Oct 2019 20:15

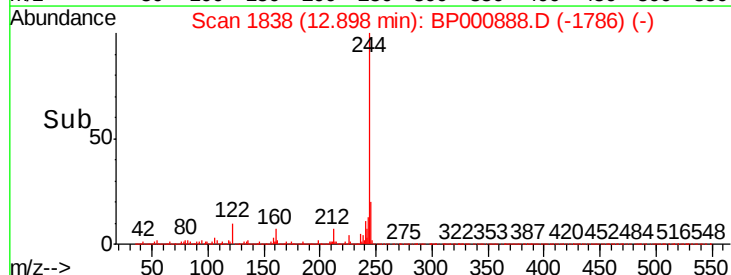
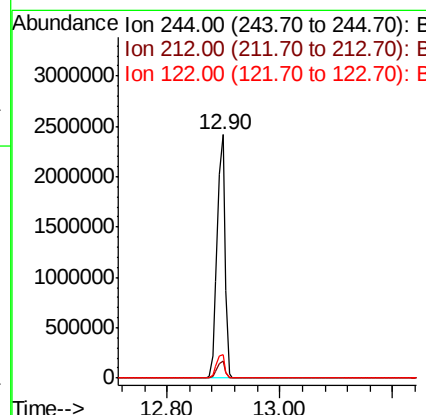
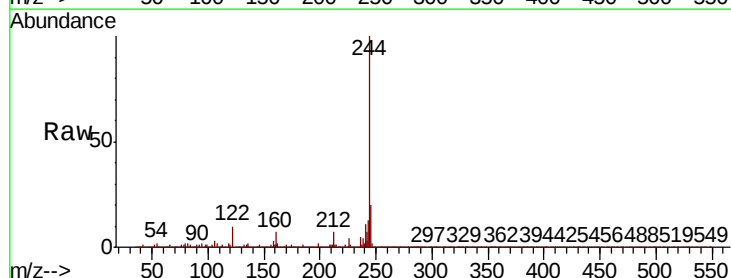
Instrument :
 BNA_P
 ClientSampleId :
 AMENDED-COMPOSITE-C RE

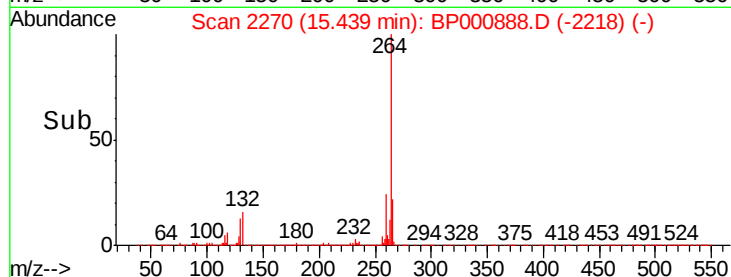
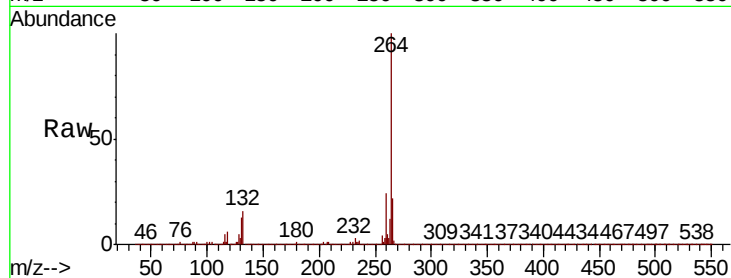
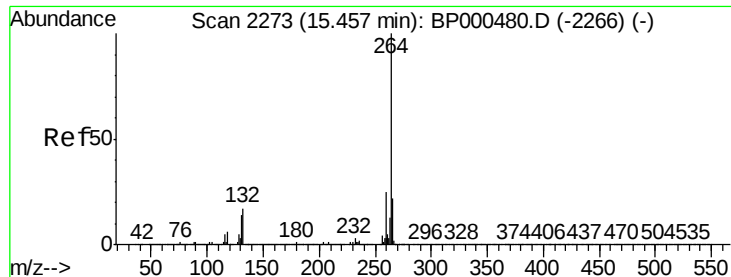
Tot Ion:240 Resp: 657979
 Ion Ratio Lower Upper
 240 100
 120 10.6 7.3 10.9
 236 26.2 21.2 31.8



#79
 Terphenyl-d14
 Concen: 71.560 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BP000888.D
 Acq: 18 Oct 2019 20:15

Tgt Ion:244 Resp: 2325495
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 9.7 7.1 10.7





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.6	17.4	26.0

