

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
 Data File : BP000541.D
 Acq On : 07 Oct 2019 14:29
 Operator : JU
 Sample : K5231-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190761-SS-COMPOSITE-1

Quant Time: Oct 07 15:59:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	254870	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	914388	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	508708	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	953103	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	854685	20.00	ng	-0.01
87) Perylene-d12	15.45	264	956516	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1770323	111.65	ng	0.00
7) Phenol-d6	6.40	99	2303129	120.54	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1220486	81.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.60	330	661573	122.04	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	2472650	78.65	ng	-0.01
79) Terphenyl-d14	12.91	244	2973297	70.44	ng	0.00

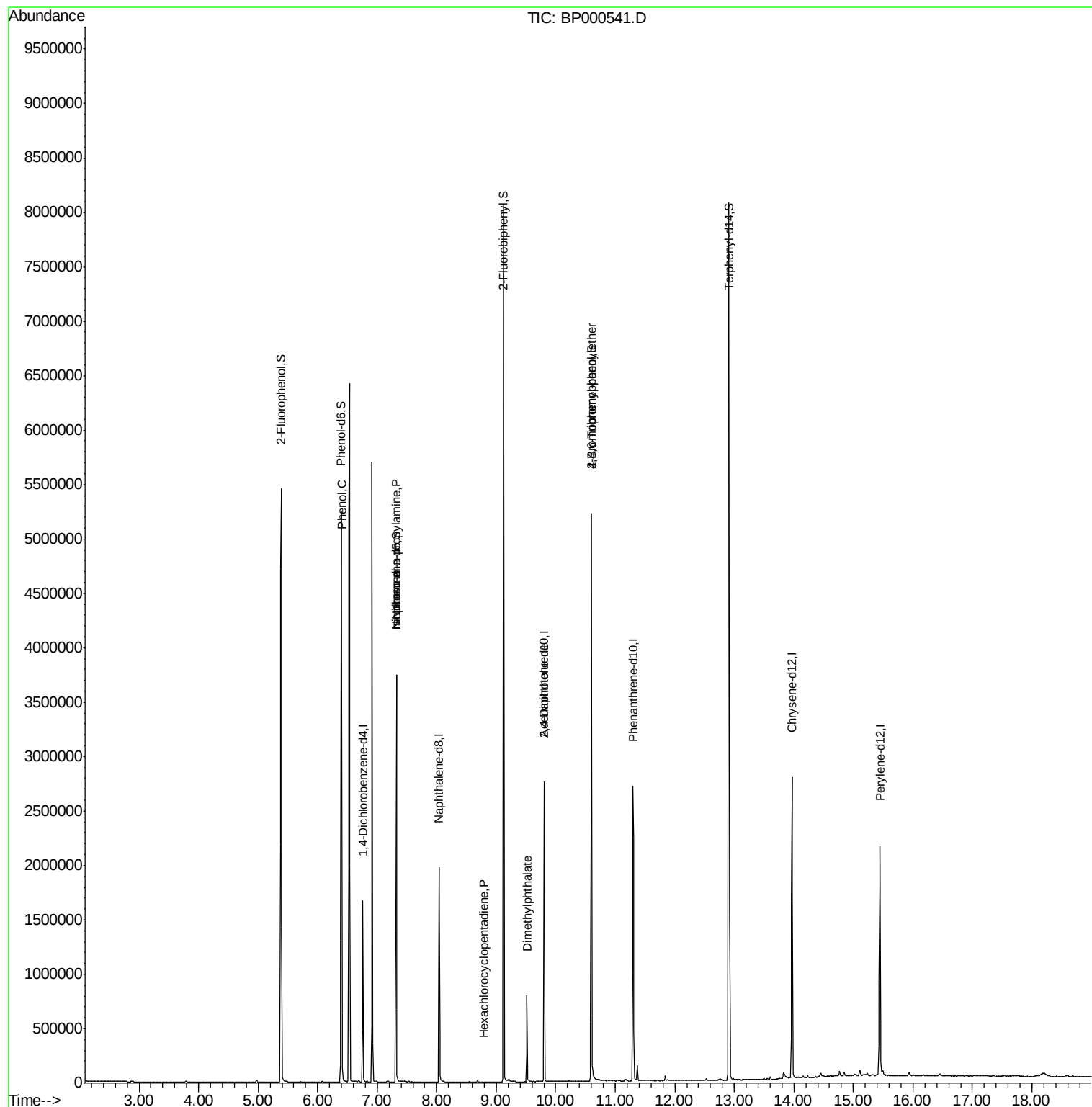
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.41	94	53245	2.722	ng	99
19) n-Nitroso-di-n-propylamine	7.32	70	148194	16.827	ng	# 73
25) Isophorone	7.32	82	1220230	45.923	ng	# 61
41) Hexachlorocyclopentadiene	8.79	237	15	7.299	ng	83
50) Dimethylphthalate	9.52	163	317688	8.988	ng	99
57) 2,4-Dinitrotoluene	9.80	165	65888	6.447	ng	# 31
67) 4-Bromophenyl-phenylether	10.60	248	45547	4.245	ng	# 1

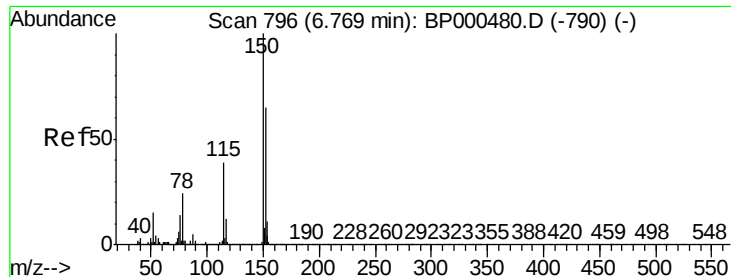
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100719\
Data File : BP000541.D
Acq On : 07 Oct 2019 14:29
Operator : JU
Sample : K5231-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
20190761-SS-COMPOSITE-1

Quant Time: Oct 07 15:59:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 01 18:03:42 2019
Response via : Initial Calibration



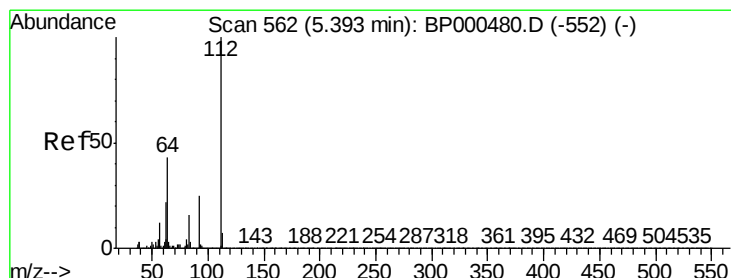
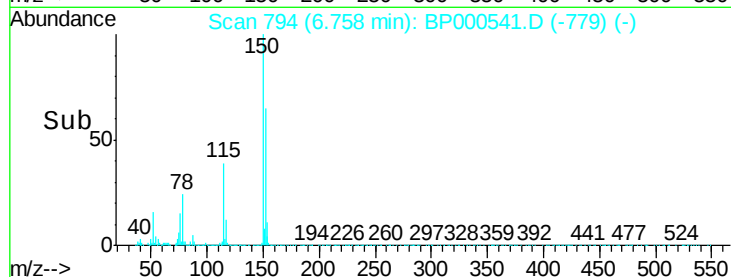
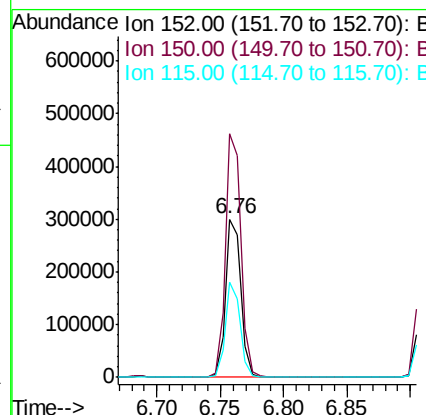
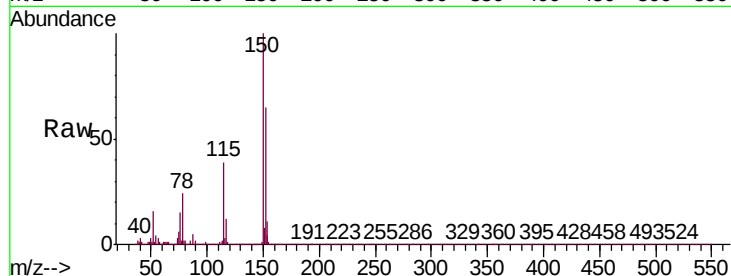


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BP000541.D
Acq: 07 Oct 2019 14:29

Instrument :
BNA_P
ClientSampleId :
20190761-SS-COMPOSITE-1

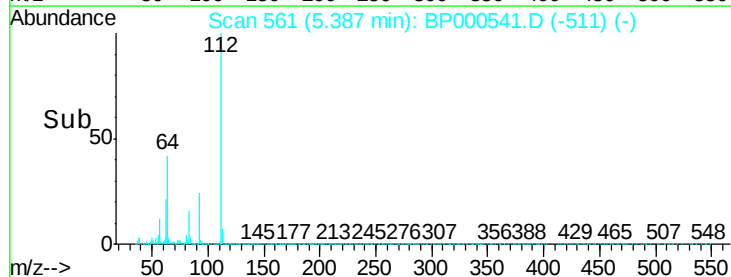
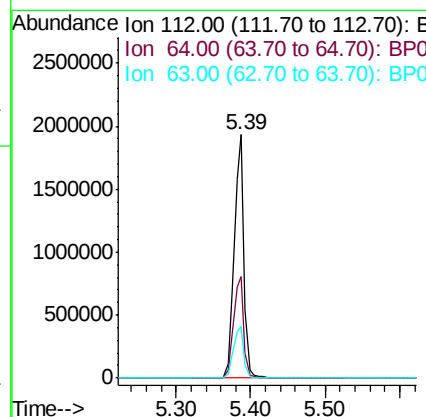
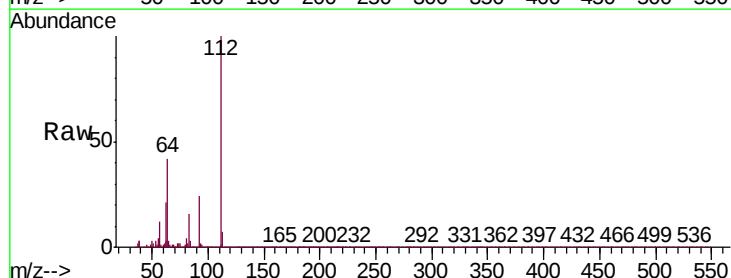
Tgt Ion:152 Resp: 254870
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 60.3 48.7 73.1

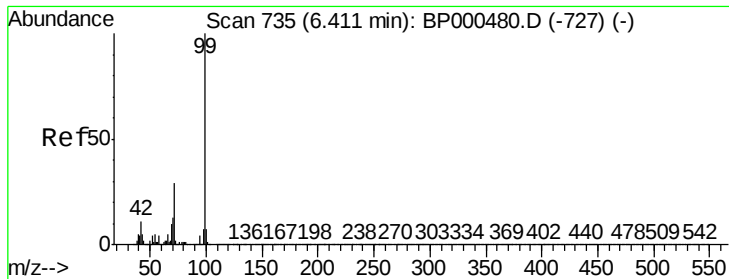


#5

2-Fluorophenol
Concen: 111.653 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.01 min
Lab File: BP000541.D
Acq: 07 Oct 2019 14:29

Tgt Ion:112 Resp: 1770323
Ion Ratio Lower Upper
112 100
64 41.9 34.2 51.4
63 21.3 17.9 26.9





#7

Phenol-d6

Concen: 120.540 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BP000541.D

Acq: 07 Oct 2019 14:29

Instrument :

BNA_P

ClientSampleId :

20190761-SS-COMPOSITE-1

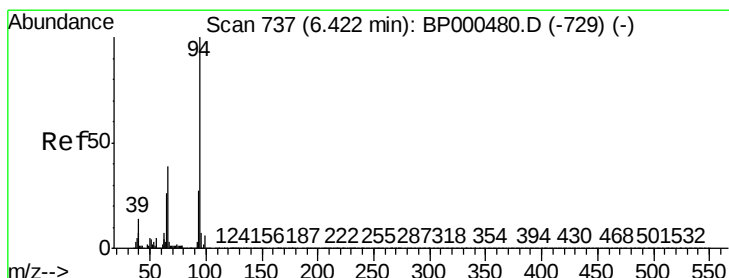
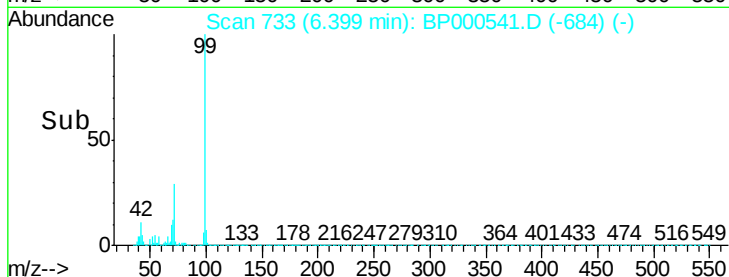
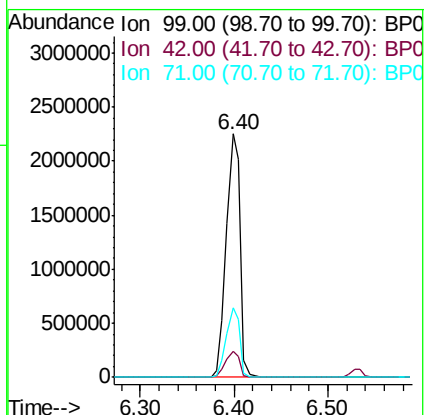
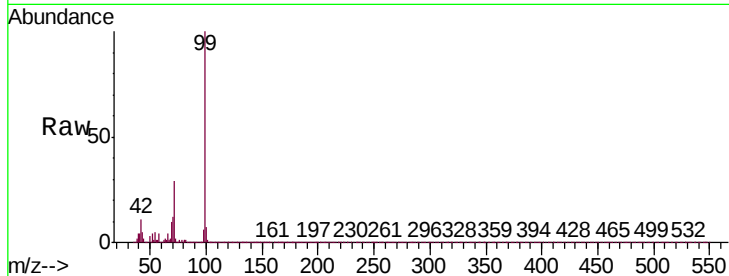
Tgt Ion: 99 Resp: 2303129

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

71 28.5 23.0 34.4



#10

Phenol

Concen: 2.722 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BP000541.D

Acq: 07 Oct 2019 14:29

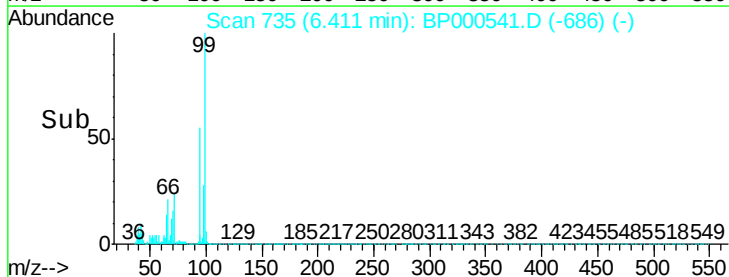
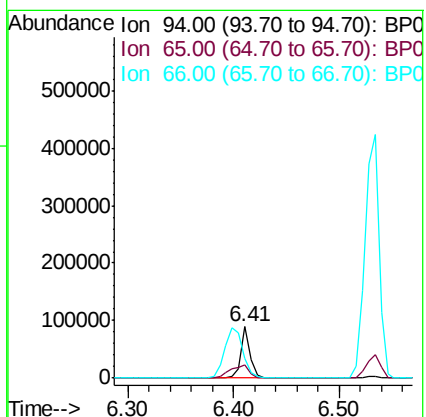
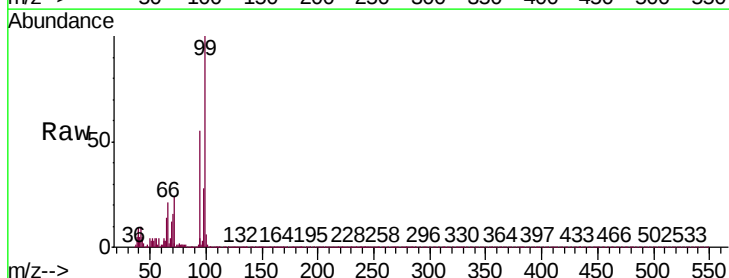
Tgt Ion: 94 Resp: 53245

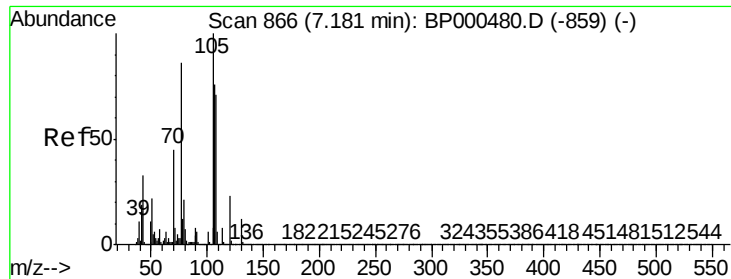
Ion Ratio Lower Upper

94 100

65 25.1 5.9 45.9

66 38.4 18.8 58.8

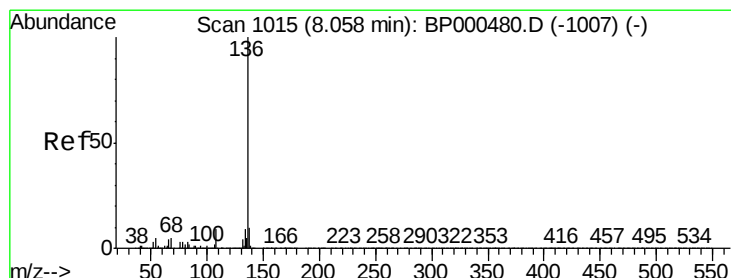
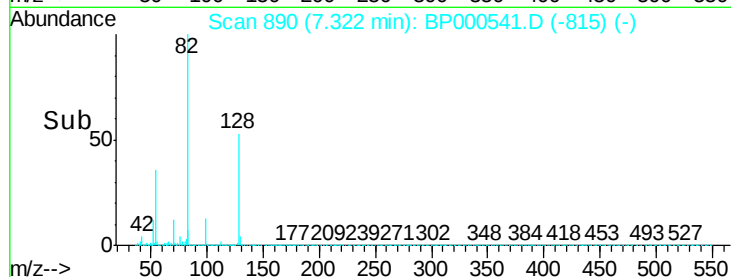
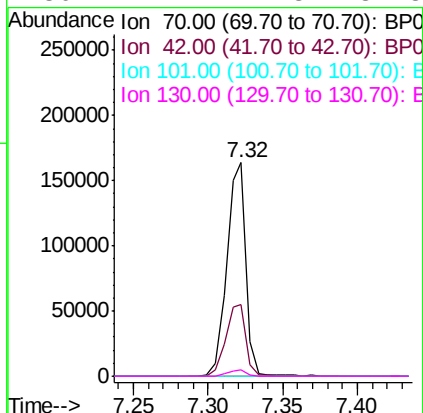
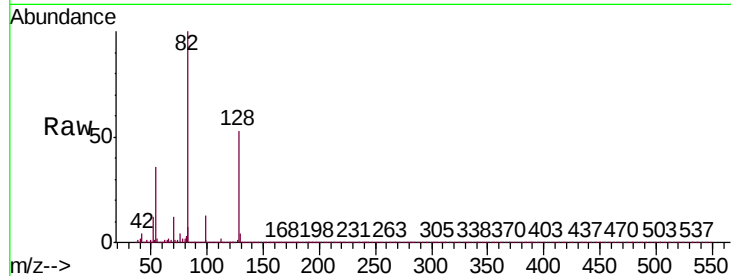




#19
n-Nitroso-di-n-propylamine
Concen: 16.827 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.14 min
Lab File: BP000541.D
Acq: 07 Oct 2019 14:29

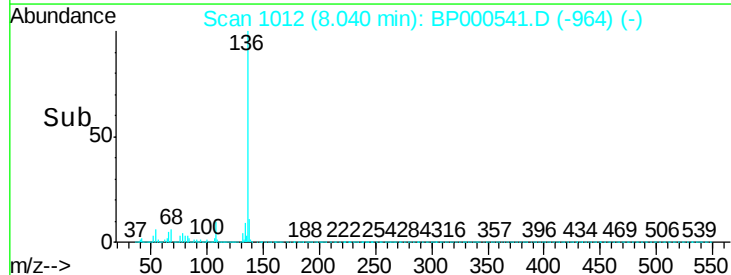
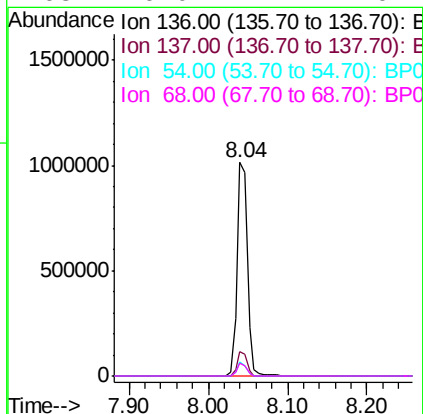
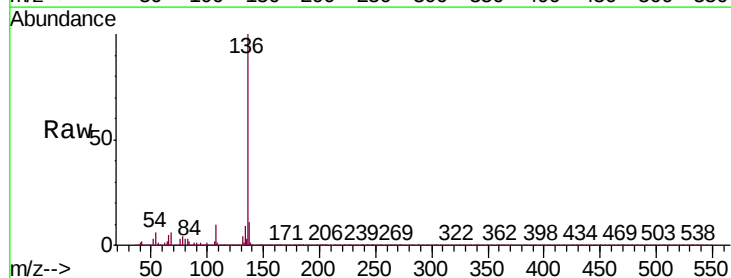
Instrument :
BNA_P
ClientSampleId :
20190761-SS-COMPOSITE-1

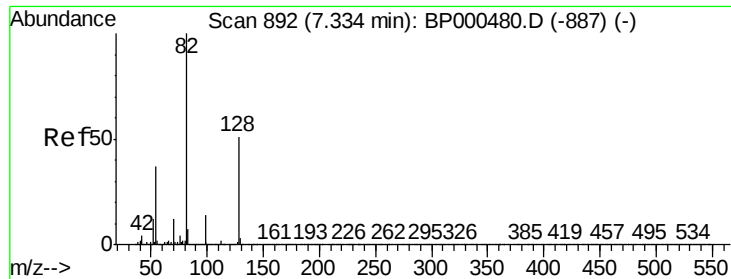
Tgt Ion:	70	Resp:	148194
Ion	Ratio	Lower	Upper
70	100		
42	33.3	33.2	49.8
101	0.0	9.9	14.9#
130	2.7	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BP000541.D
Acq: 07 Oct 2019 14:29

Tgt Ion:	136	Resp:	914388
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.2	12.4
54	6.3	4.1	6.1#
68	6.0	4.1	6.1

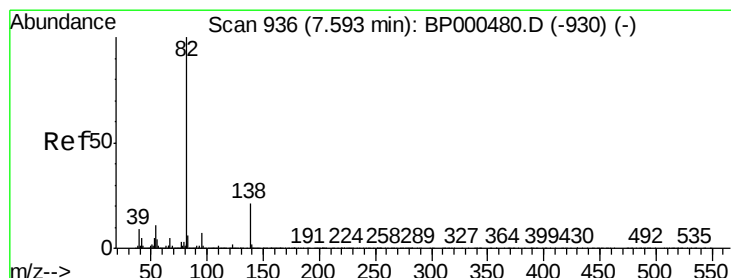
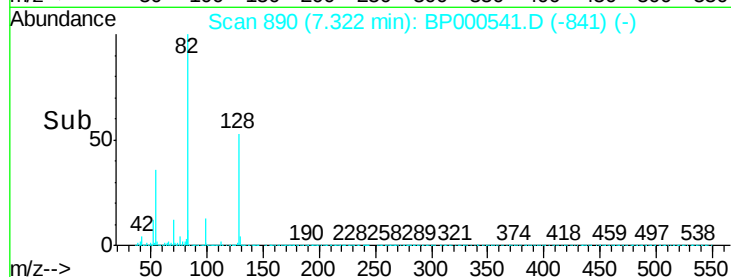
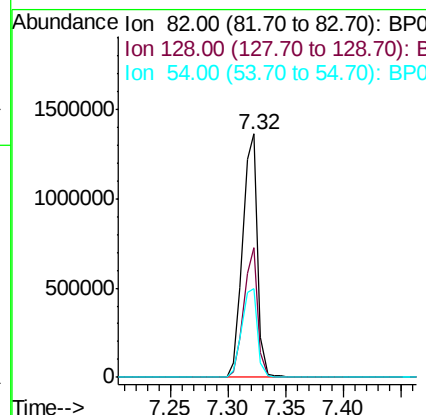
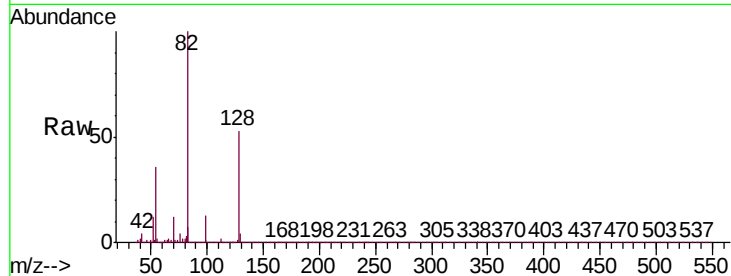




#23
 Nitrobenzene-d5
 Concen: 81.521 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.01 min
 Lab File: BP000541.D
 Acq: 07 Oct 2019 14:29

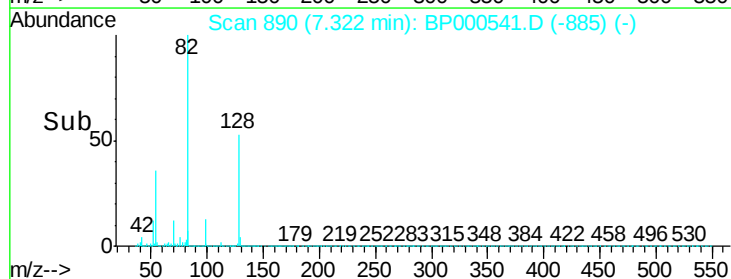
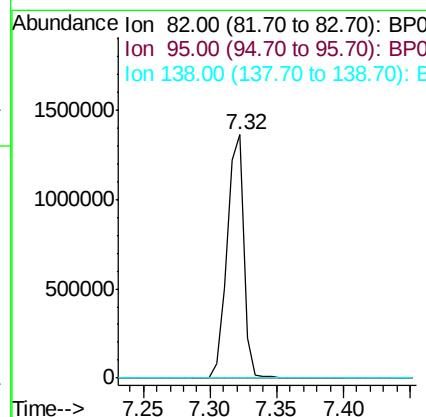
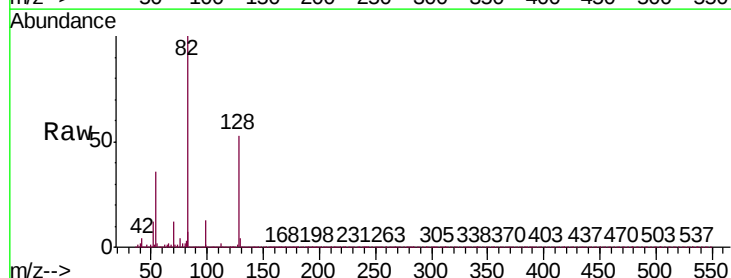
Instrument :
 BNA_P
 ClientSampleId :
 20190761-SS-COMPOSITE-1

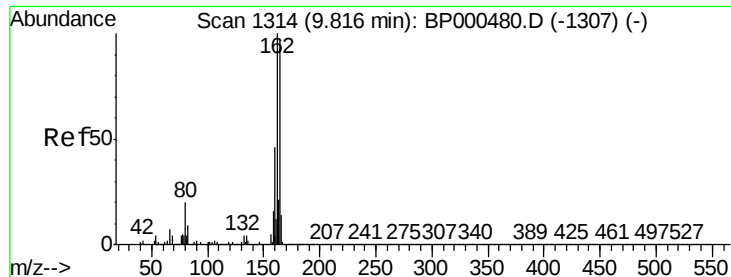
Tgt Ion: 82 Resp: 1220486
 Ion Ratio Lower Upper
 82 100
 128 53.0 40.9 61.3
 54 36.3 29.4 44.2



#25
 Isophorone
 Concen: 45.923 ng
 RT: 7.32 min Scan# 890
 Delta R.T. -0.27 min
 Lab File: BP000541.D
 Acq: 07 Oct 2019 14:29

Tgt Ion: 82 Resp: 1220230
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 17.0 25.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BP000541.D

Acq: 07 Oct 2019 14:29

Instrument :

BNA_P

ClientSampleId :

20190761-SS-COMPOSITE-1

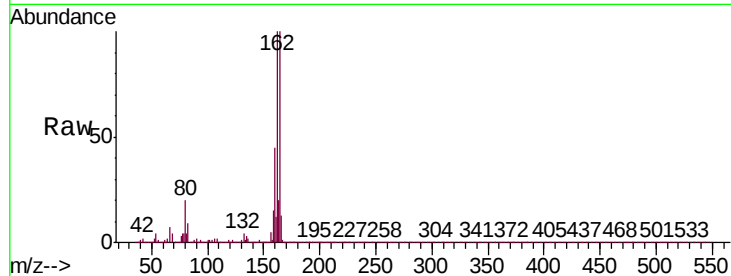
Tgt Ion:164 Resp: 508708

Ion Ratio Lower Upper

164 100

162 99.7 82.2 123.2

160 45.3 37.6 56.4



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

800000

600000

400000

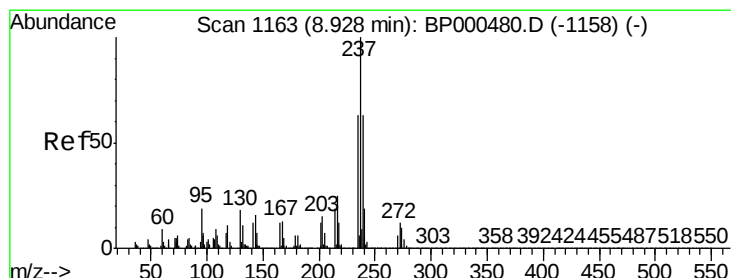
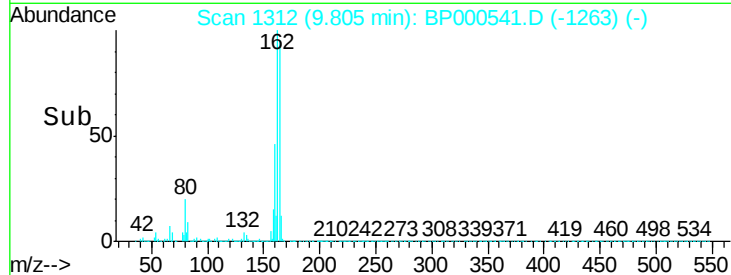
200000

0

9.80

9.90

Time-->



#41

Hexachlorocyclopentadiene

Concen: 7.299 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.14 min

Lab File: BP000541.D

Acq: 07 Oct 2019 14:29

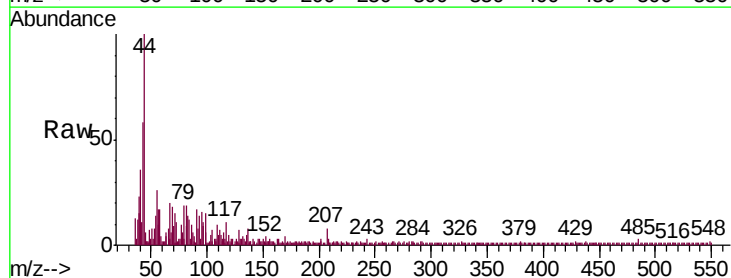
Tgt Ion:237 Resp: 15

Ion Ratio Lower Upper

237 100

235 52.2 42.9 82.9

272 0.0 0.0 32.4



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

30

20

10

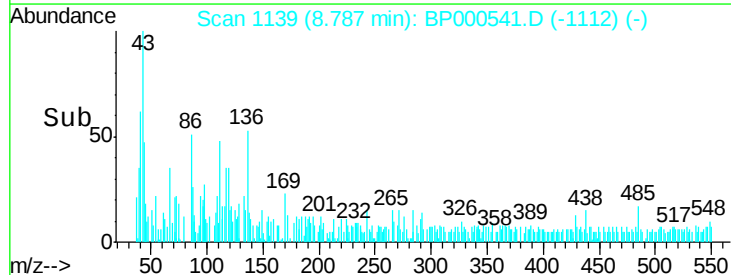
0

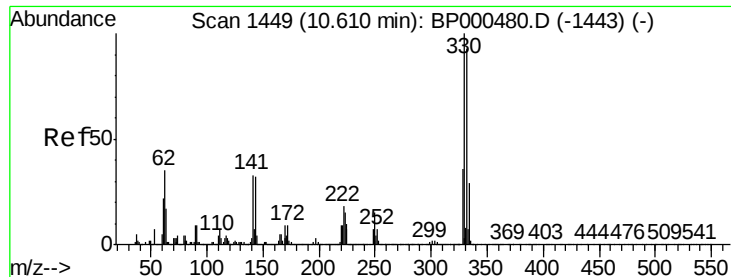
8.76

8.78

8.80

Time-->

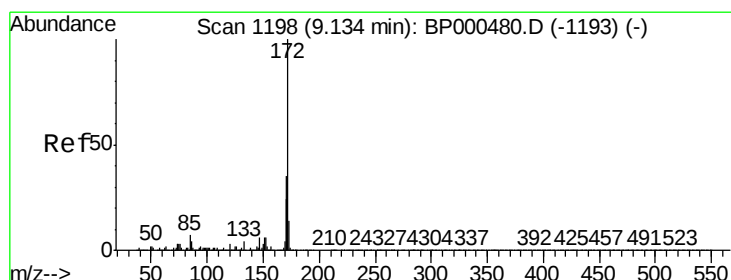
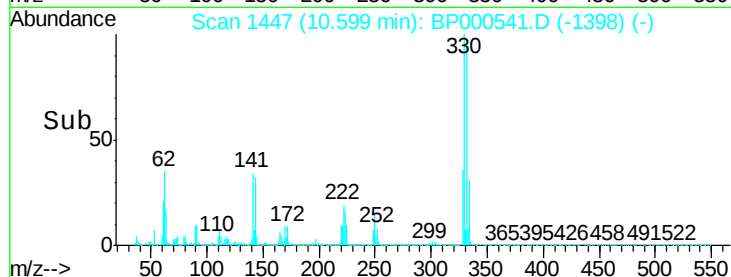
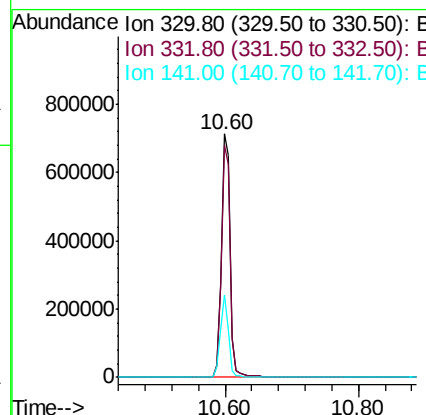
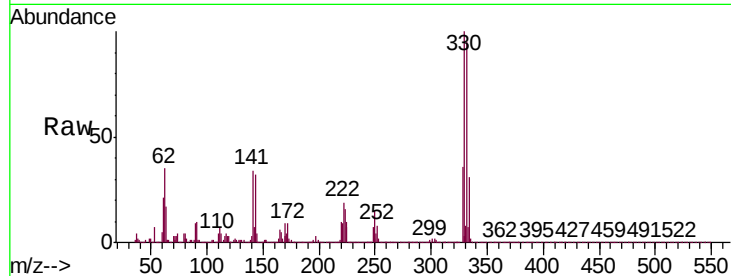




#42
 2,4,6-Tribromophenol
 Concen: 122.042 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.01 min
 Lab File: BP000541.D
 Acq: 07 Oct 2019 14:29

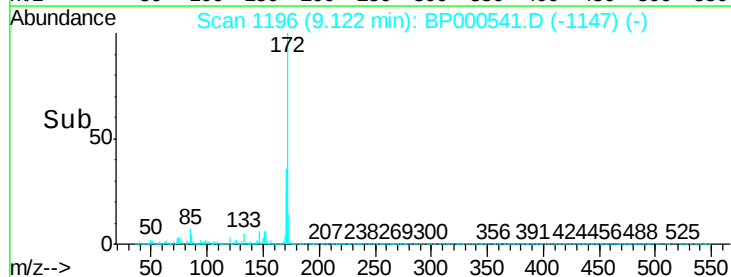
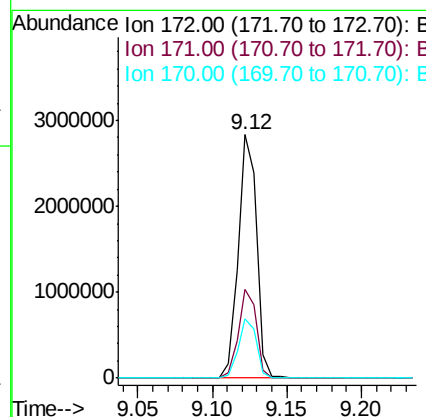
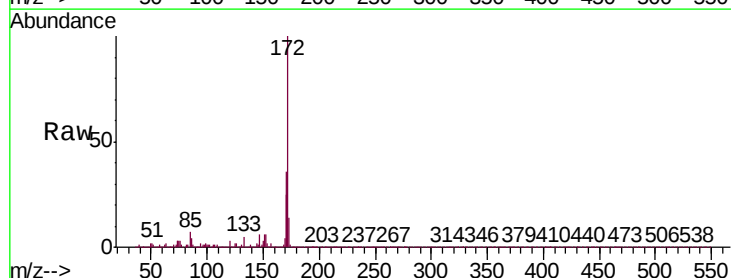
Instrument :
 BNA_P
 ClientSampleId :
 20190761-SS-COMPOSITE-1

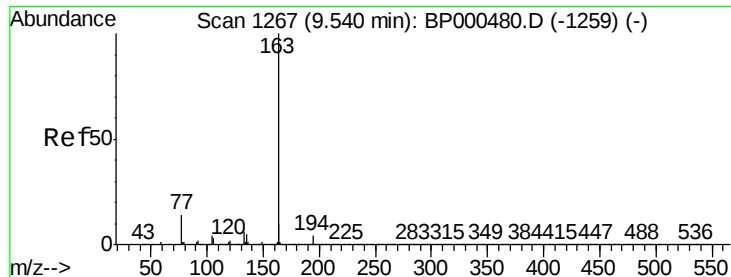
Tgt Ion:330 Resp: 661573
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.1 115.7
 141 31.8 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 78.645 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BP000541.D
 Acq: 07 Oct 2019 14:29

Tgt Ion:172 Resp: 2472650
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.4 42.6
 170 24.6 19.1 28.7

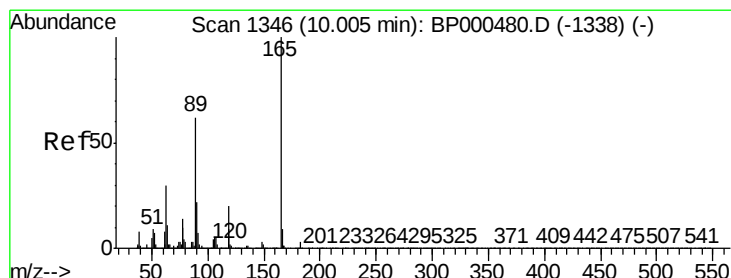
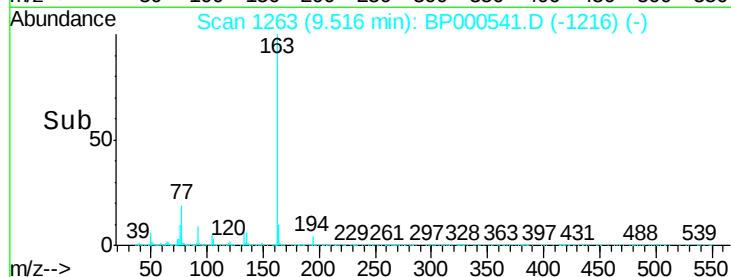
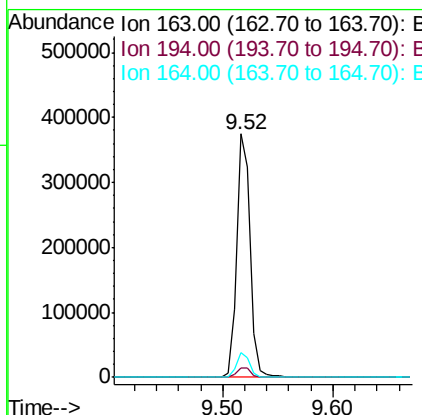
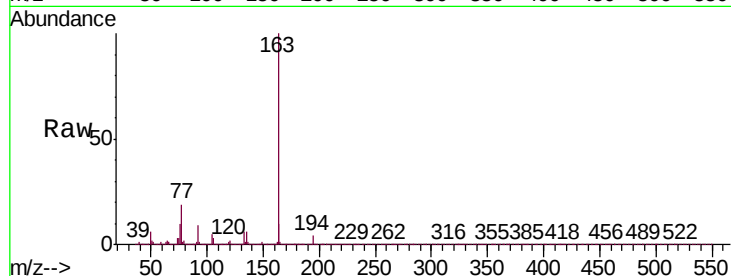




#50
Dimethylphthalate
Concen: 8.988 ng
RT: 9.52 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BP000541.D
Acq: 07 Oct 2019 14:29

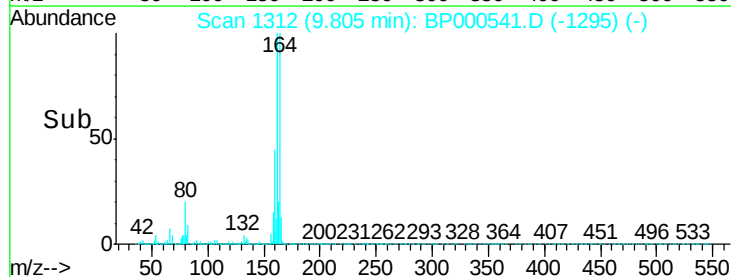
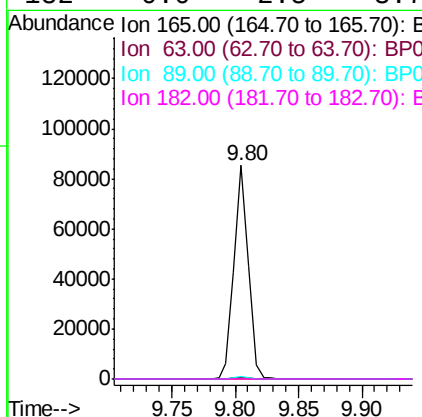
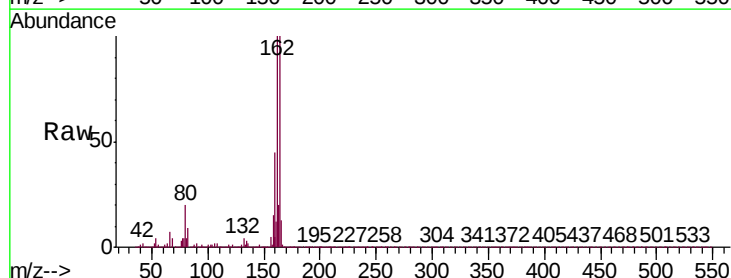
Instrument :
BNA_P
ClientSampleId :
20190761-SS-COMPOSITE-1

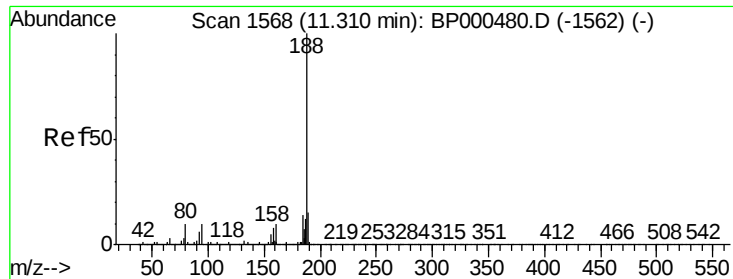
Tgt Ion:163 Resp: 317688
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.4 8.0 12.0



#57
2,4-Dinitrotoluene
Concen: 6.447 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.20 min
Lab File: BP000541.D
Acq: 07 Oct 2019 14:29

Tgt Ion:165 Resp: 65888
Ion Ratio Lower Upper
165 100
63 0.8 24.2 36.4#
89 1.2 49.4 74.0#
182 0.0 2.5 3.7#

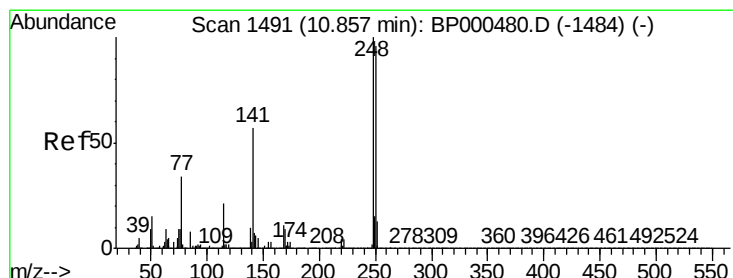
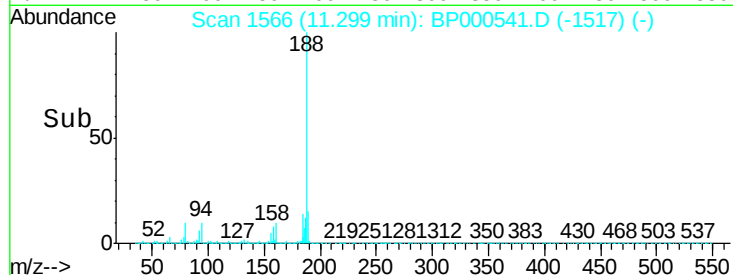
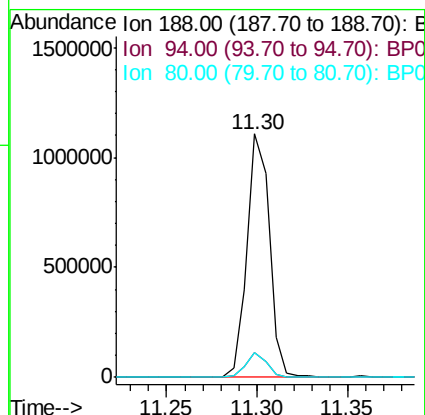
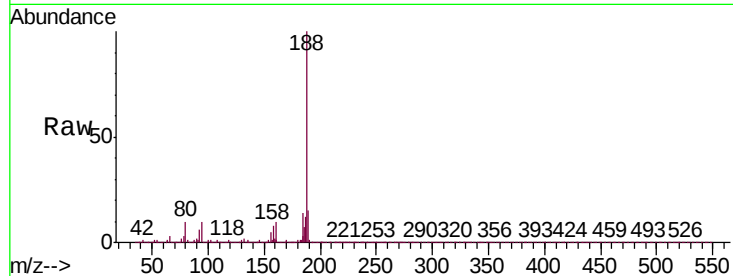




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000541.D
Acq: 07 Oct 2019 14:29

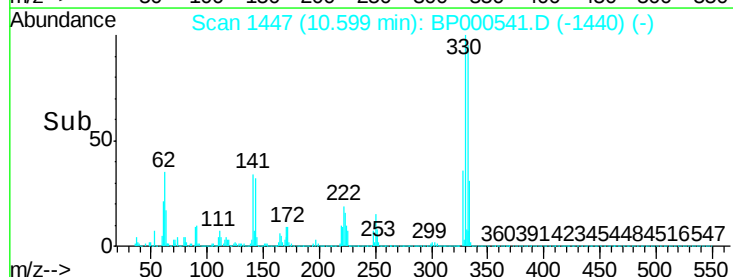
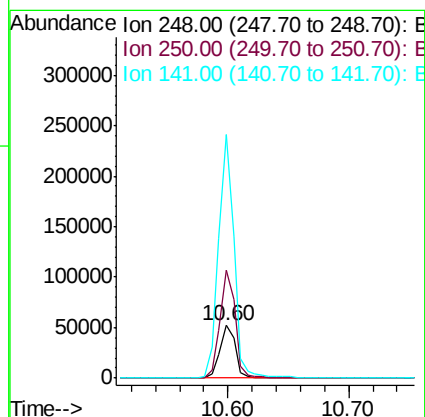
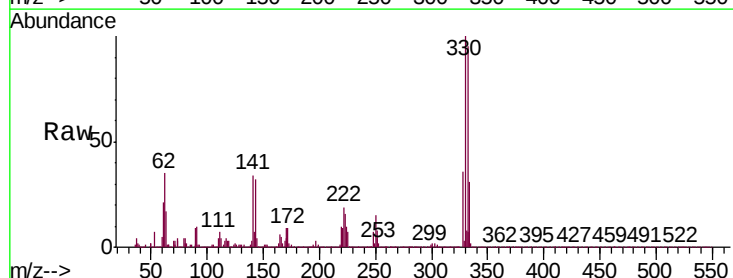
Instrument :
BNA_P
ClientSampleId :
20190761-SS-COMPOSITE-1

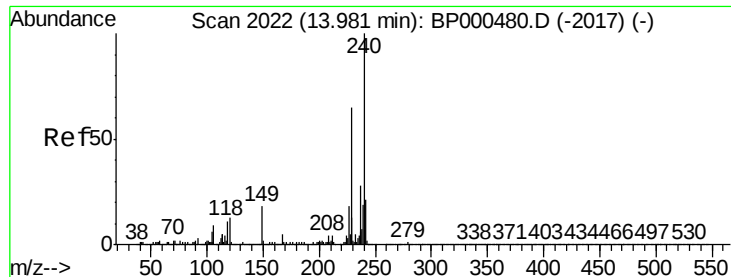
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	10.3	8.3	12.5



#67
4-Bromophenyl-phenylether
Concen: 4.245 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.26 min
Lab File: BP000541.D
Acq: 07 Oct 2019 14:29

Tgt Ion	Ratio	Lower	Upper
248	100		
250	204.5	77.2	115.8#
141	463.4	45.3	67.9#

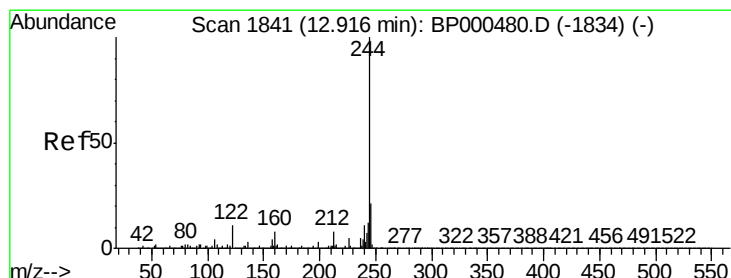
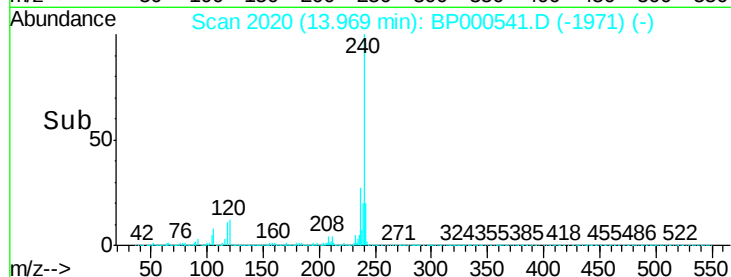
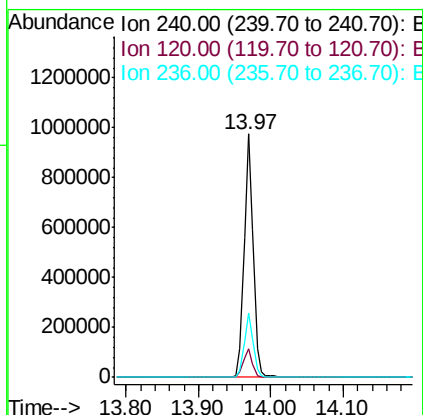
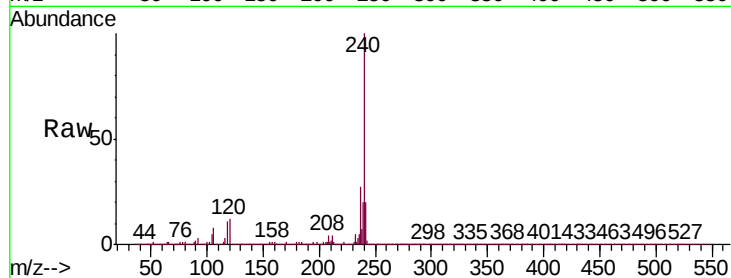




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000541.D
Acq: 07 Oct 2019 14:29

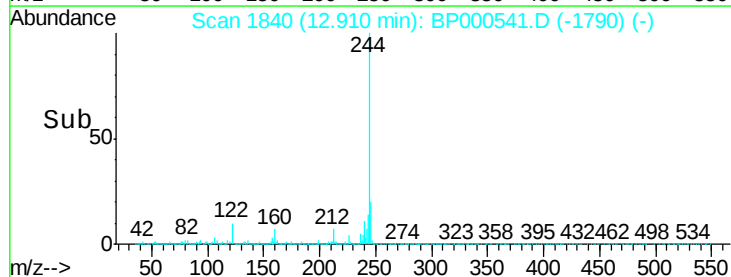
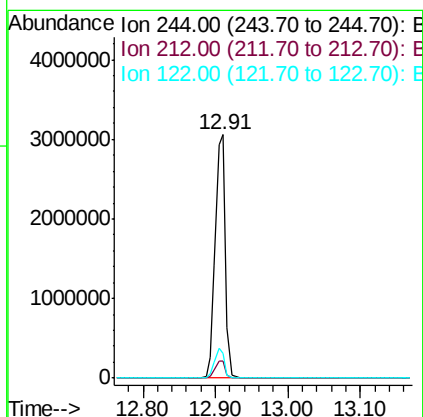
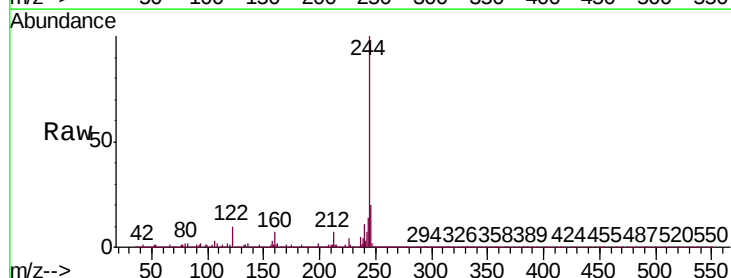
Instrument :
BNA_P
ClientSampleId :
20190761-SS-COMPOSITE-1

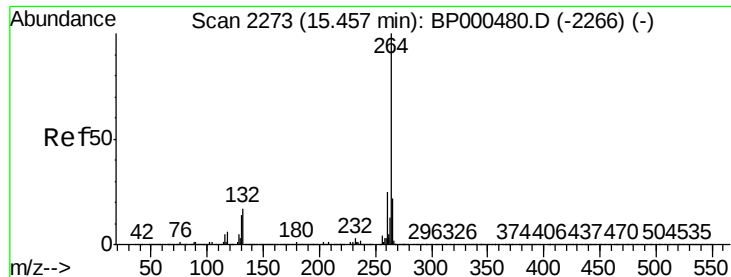
Tgt Ion:240 Resp: 854685
Ion Ratio Lower Upper
240 100
120 11.8 10.1 15.1
236 26.7 22.7 34.1



#79
Terphenyl-d14
Concen: 70.437 ng
RT: 12.91 min Scan# 1840
Delta R.T. -0.01 min
Lab File: BP000541.D
Acq: 07 Oct 2019 14:29

Tgt Ion:244 Resp: 2973297
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.4 8.9 13.3

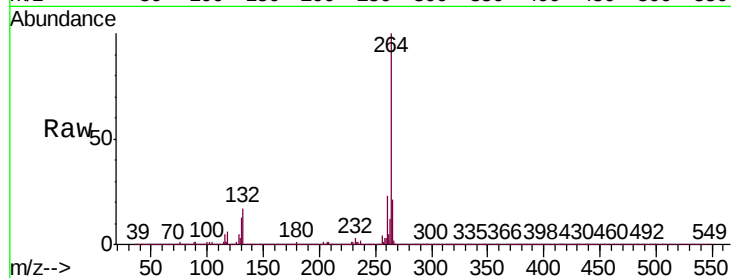




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000541.D
Acq: 07 Oct 2019 14:29

Instrument :
BNA_P
ClientSampleId :
20190761-SS-COMPOSITE-1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	20.3	30.5
265	20.8	18.0	27.0



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

