

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP100319\
 Data File : BP000504.D
 Acq On : 03 Oct 2019 18:46
 Operator : JU
 Sample : K5131-16
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190830-COMPOSITE-F

Quant Time: Oct 04 01:30:45 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

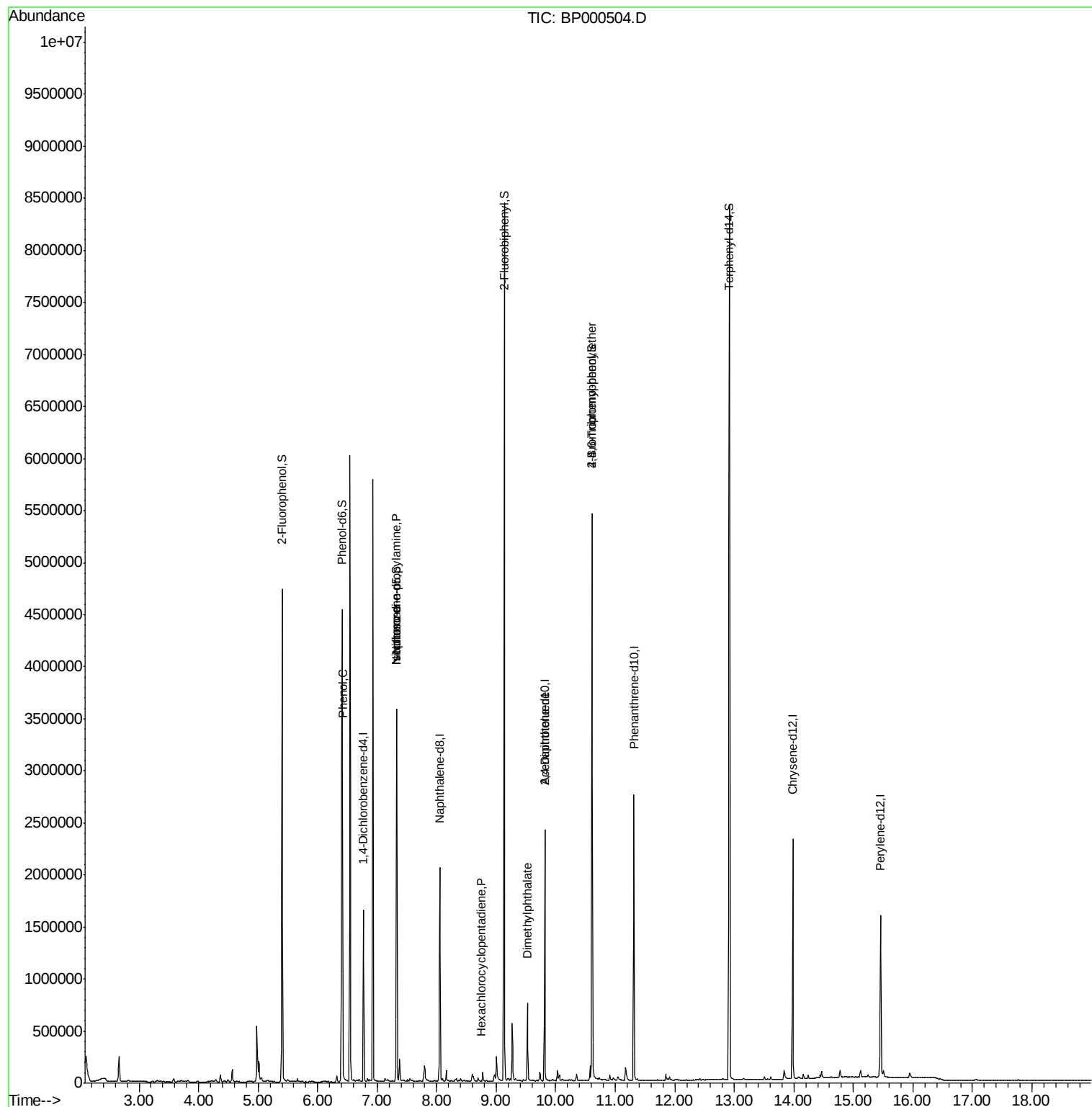
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	238377	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	869326	20.00	ng	0.00
39) Acenaphthene-d10	9.82	164	491818	20.00	ng	0.00
64) Phenanthrene-d10	11.31	188	912622	20.00	ng	0.00
76) Chrysene-d12	13.98	240	747244	20.00	ng	0.00
87) Perylene-d12	15.46	264	744032	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1558839	105.12	ng	0.01
7) Phenol-d6	6.41	99	1775336	99.35	ng	0.00
23) Nitrobenzene-d5	7.33	82	1254870	88.16	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	726639	138.65	ng	0.00
45) 2-Fluorobiphenyl	9.13	172	2710987	89.19	ng	0.00
79) Terphenyl-d14	12.92	244	3105440	84.14	ng	0.00
Target Compounds						
10) Phenol	6.42	94	47969	2.622	ng	95
19) n-Nitroso-di-n-propylamine	7.33	70	153776	18.669	ng	# 74
25) Isophorone	7.33	82	1254619	49.665	ng	# 61
41) Hexachlorocyclopentadiene	8.75	237	21	7.300	ng	78
50) Dimethylphthalate	9.53	163	266282	7.792	ng	99
57) 2,4-Dinitrotoluene	9.82	165	63466	6.423	ng	# 31
67) 4-Bromophenyl-phenylether	10.61	248	50582	4.924	ng	# 1

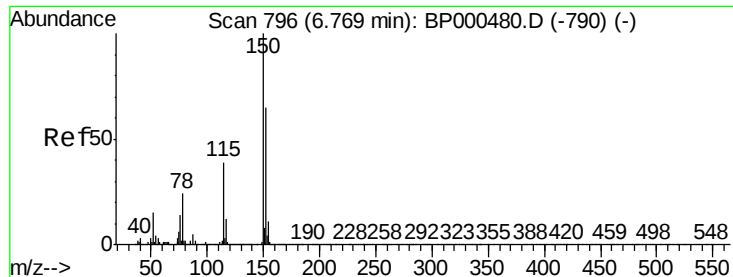
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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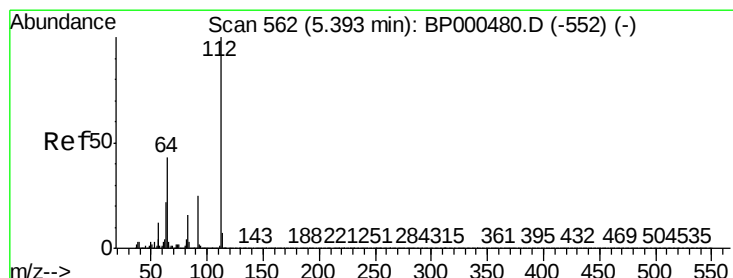
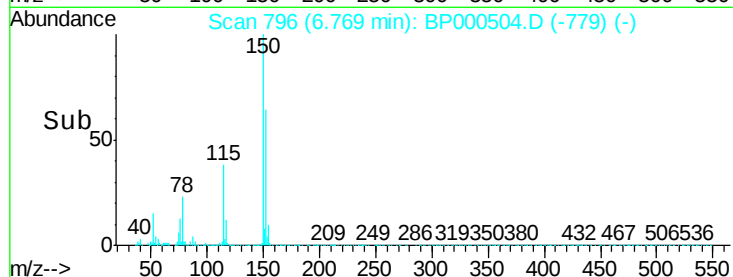
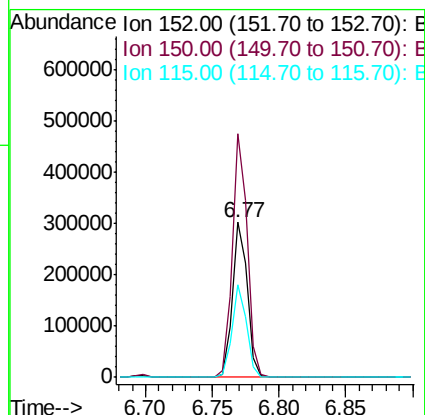
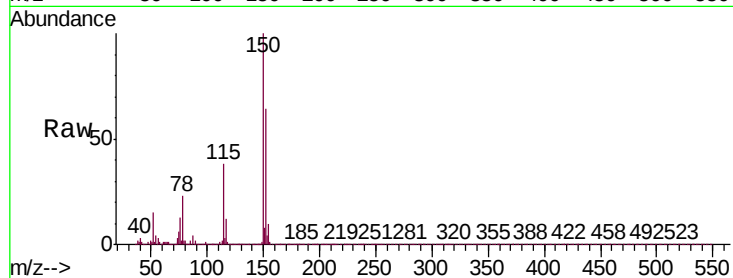


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BP000504.D
Acq: 03 Oct 2019 18:46

Instrument :
BNA_P
ClientSampleId :
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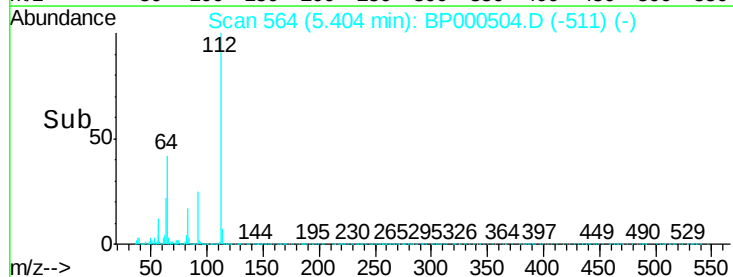
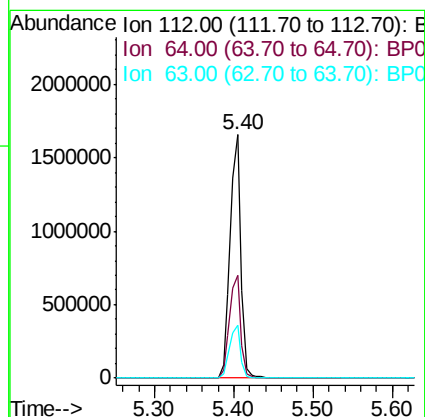
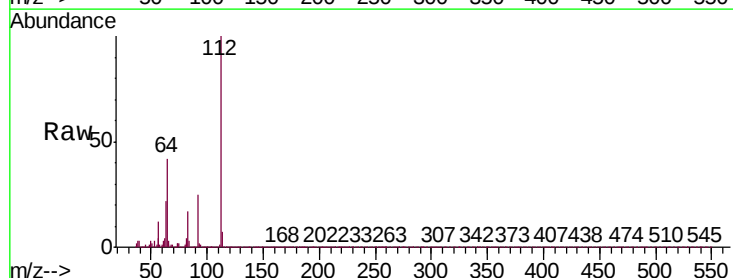
Tgt Ion:152 Resp: 238377
Ion Ratio Lower Upper
152 100
150 157.4 124.1 186.1
115 60.1 48.7 73.1

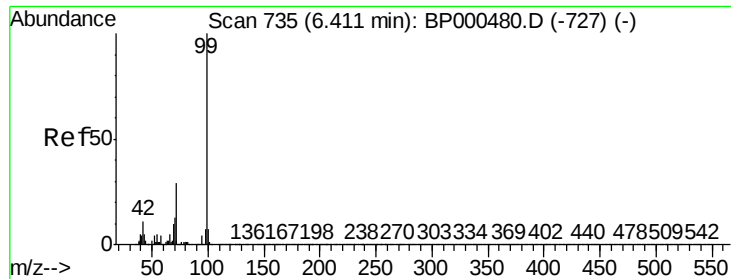


#5

2-Fluorophenol
Concen: 105.117 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BP000504.D
Acq: 03 Oct 2019 18:46

Tgt Ion:112 Resp: 1558839
Ion Ratio Lower Upper
112 100
64 42.5 34.2 51.4
63 21.6 17.9 26.9





#7

Phenol-d6

Concen: 99.346 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BP000504.D

Acq: 03 Oct 2019 18:46

Instrument :

BNA_P

ClientSampleId :

20190830-COMPOSITE-F

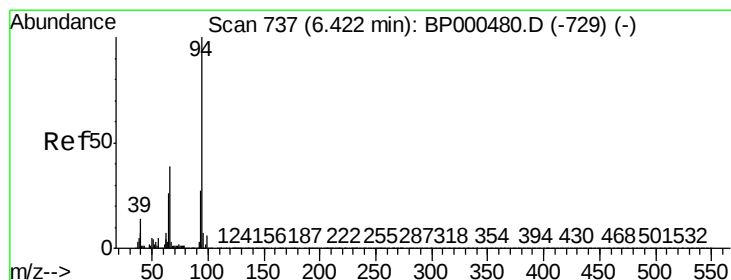
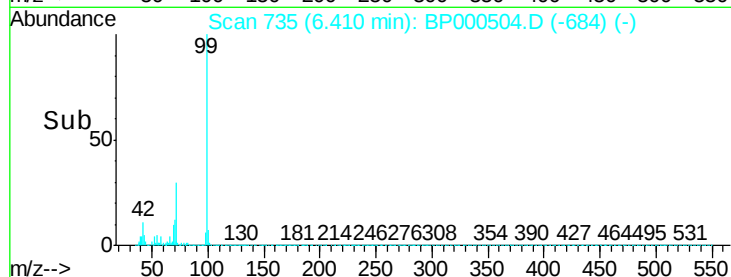
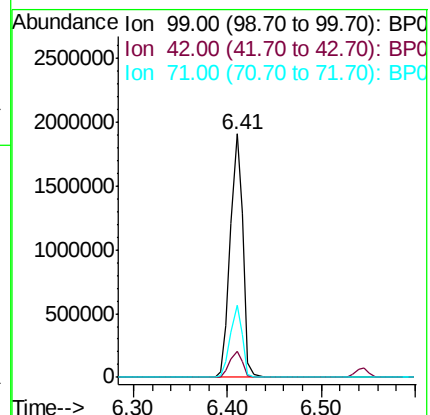
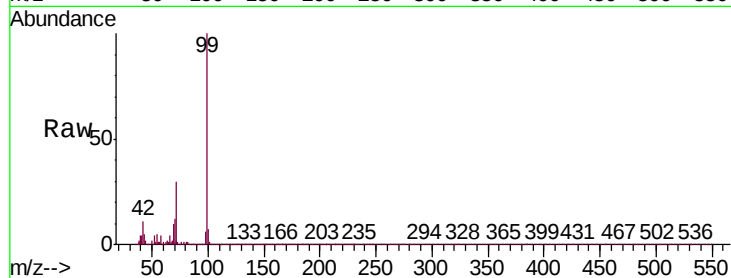
Tgt Ion: 99 Resp: 1775336

Ion Ratio Lower Upper

99 100

42 10.8 8.6 12.8

71 29.5 23.0 34.4



#10

Phenol

Concen: 2.622 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.00 min

Lab File: BP000504.D

Acq: 03 Oct 2019 18:46

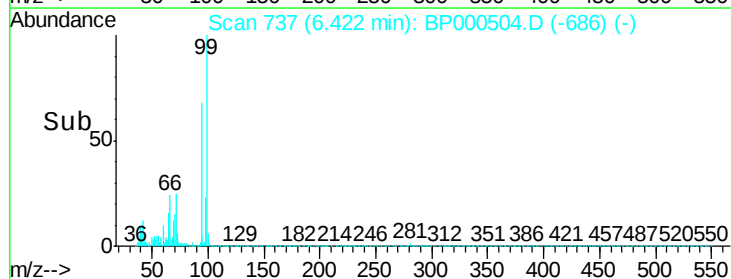
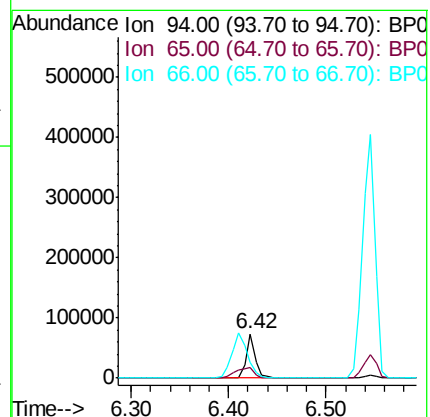
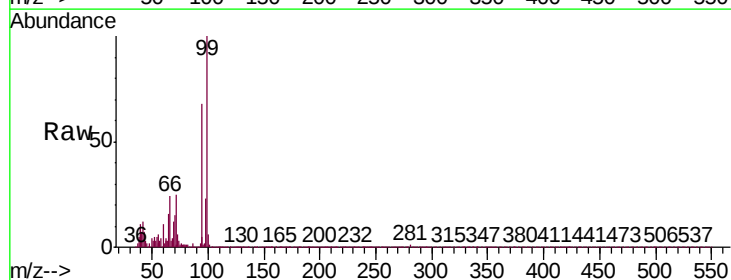
Tgt Ion: 94 Resp: 47969

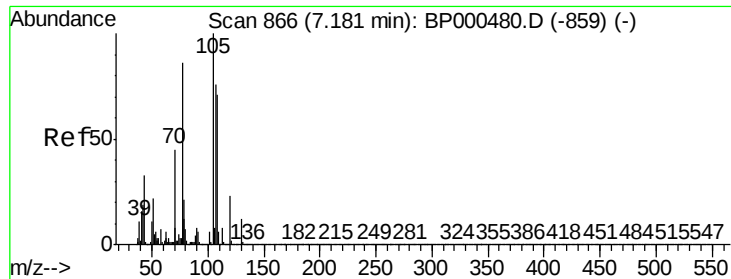
Ion Ratio Lower Upper

94 100

65 23.6 5.9 45.9

66 35.2 18.8 58.8

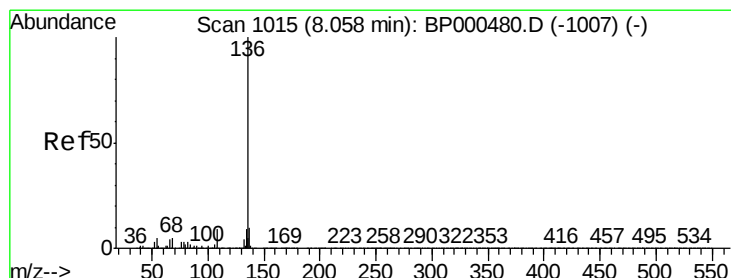
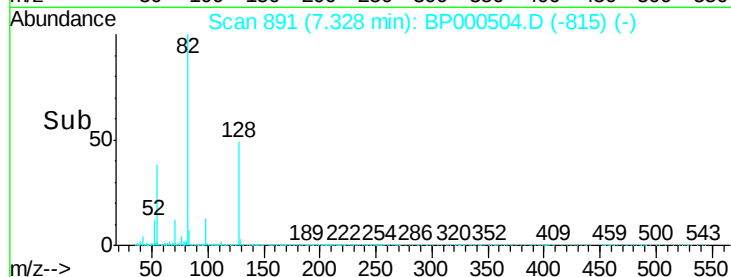
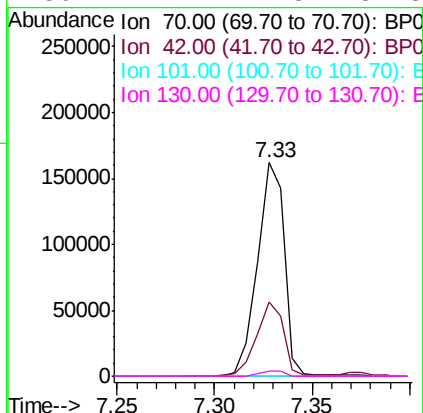
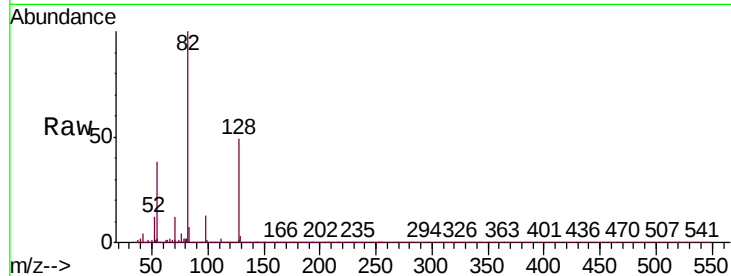




#19
n-Nitroso-di-n-propylamine
Concen: 18.669 ng
RT: 7.33 min Scan# 891
Delta R.T. 0.15 min
Lab File: BP000504.D
Acq: 03 Oct 2019 18:46

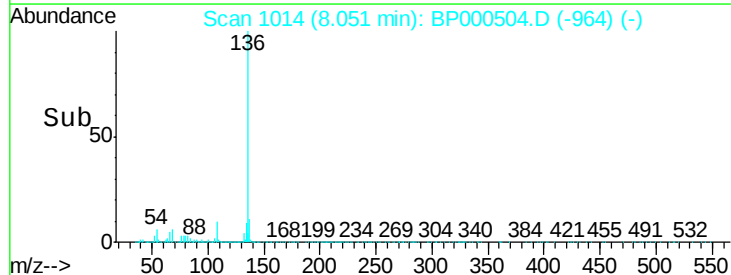
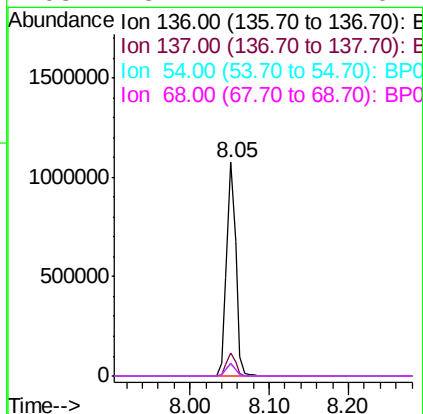
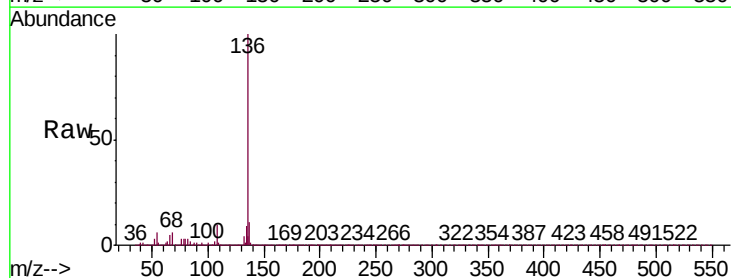
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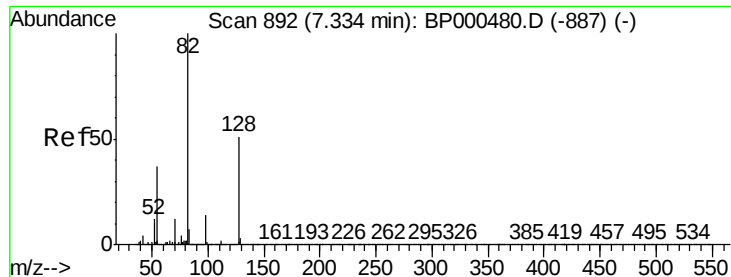
Tgt Ion:	70	Resp:	153776
Ion	Ratio	Lower	Upper
70	100		
42	34.8	33.2	49.8
101	0.1	9.9	14.9#
130	2.7	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BP000504.D
Acq: 03 Oct 2019 18:46

Tgt Ion:	136	Resp:	869326
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.2	12.4
54	5.6	4.1	6.1
68	5.7	4.1	6.1

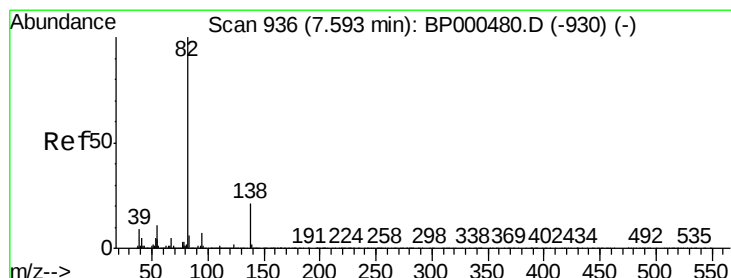
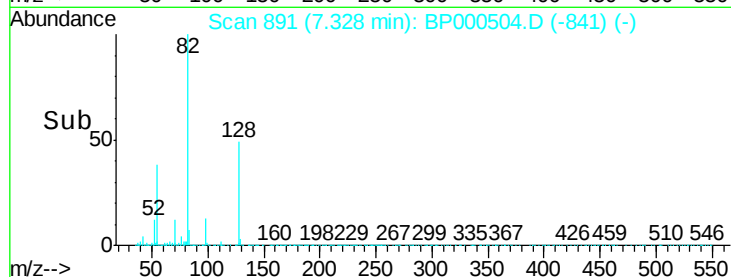
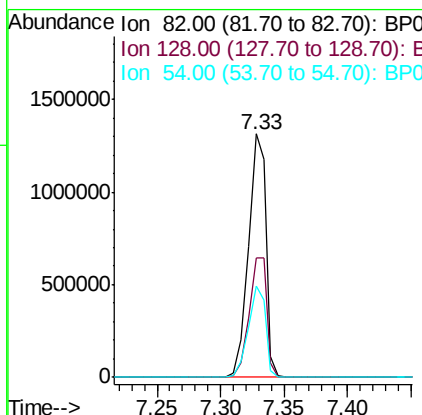
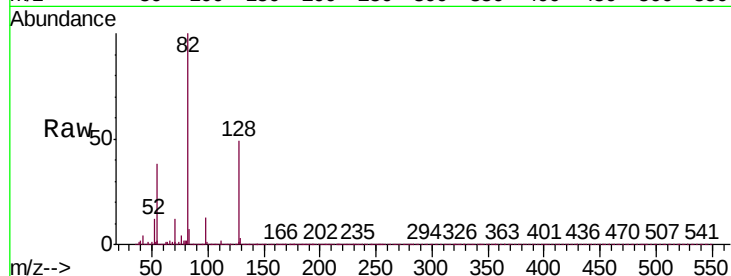




#23
 Nitrobenzene-d5
 Concen: 88.162 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.01 min
 Lab File: BP000504.D
 Acq: 03 Oct 2019 18:46

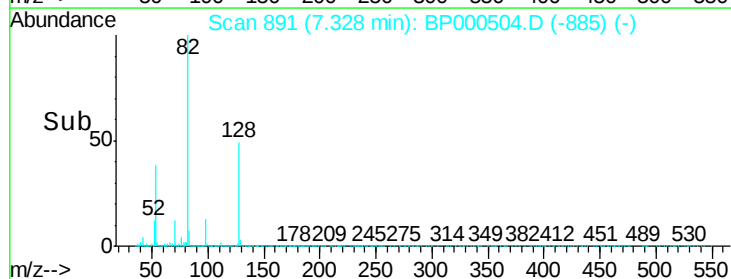
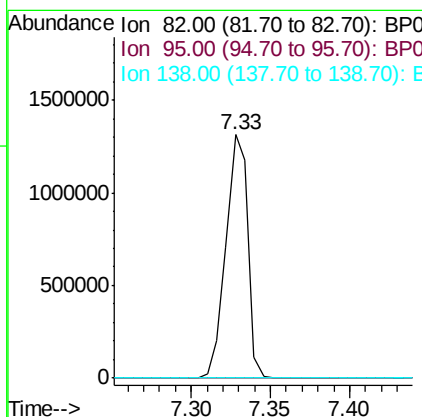
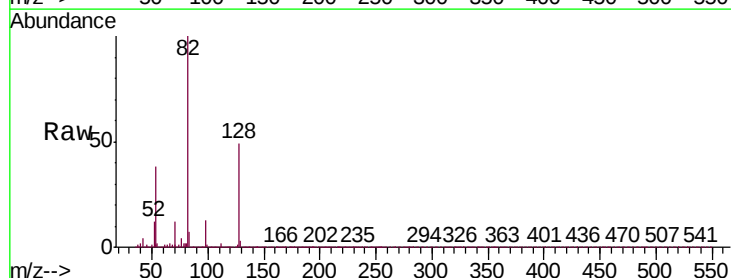
Instrument :
 BNA_P
 ClientSampleId :
 20190830-COMPOSITE-F

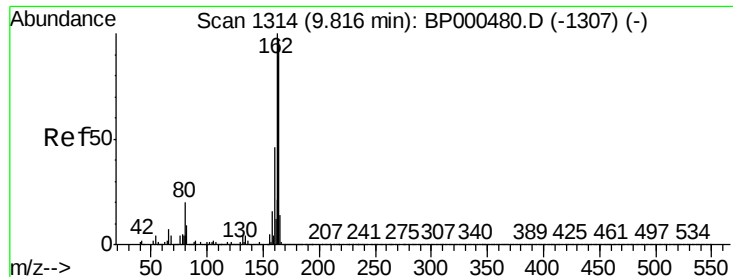
Tgt Ion: 82 Resp: 1254870
 Ion Ratio Lower Upper
 82 100
 128 48.9 40.9 61.3
 54 37.6 29.4 44.2



#25
 Isophorone
 Concen: 49.665 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.26 min
 Lab File: BP000504.D
 Acq: 03 Oct 2019 18:46

Tgt Ion: 82 Resp: 1254619
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.8 8.6#
 138 0.0 17.0 25.4#

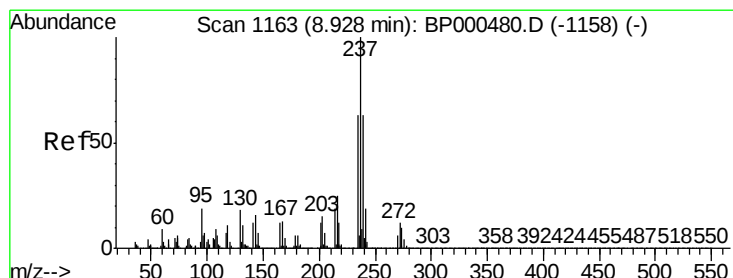
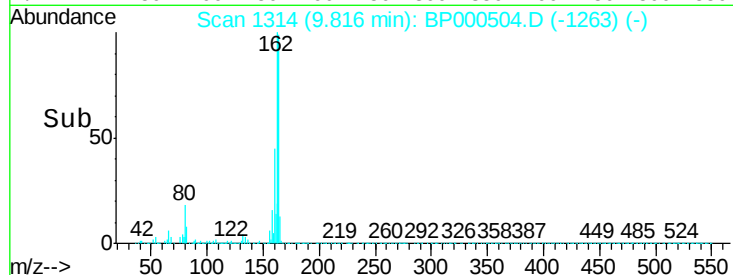
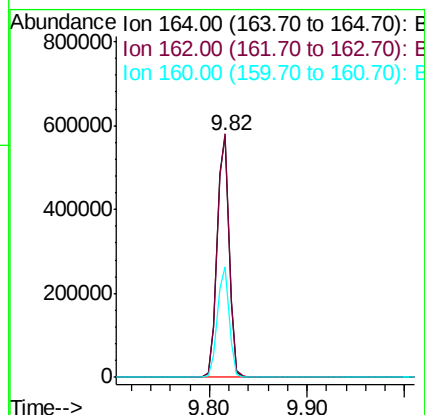
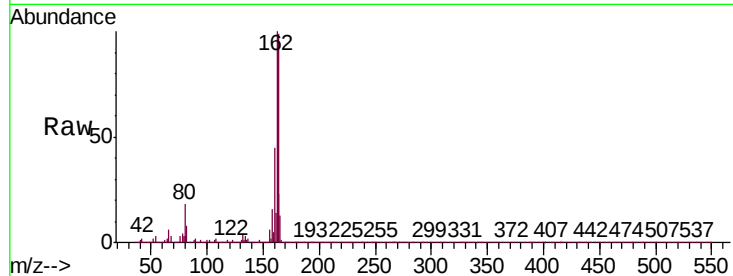




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.00 min
Lab File: BP000504.D
Acq: 03 Oct 2019 18:46

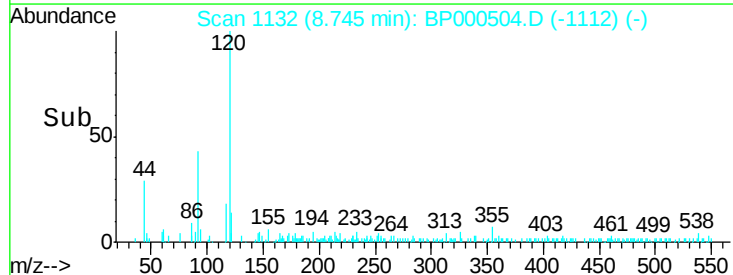
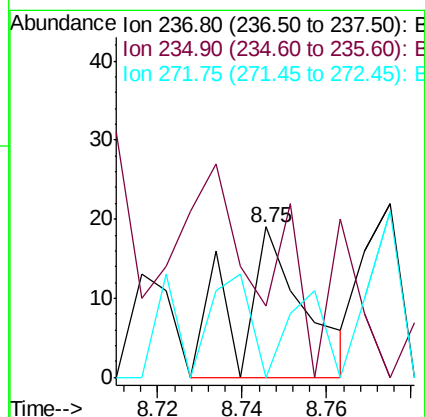
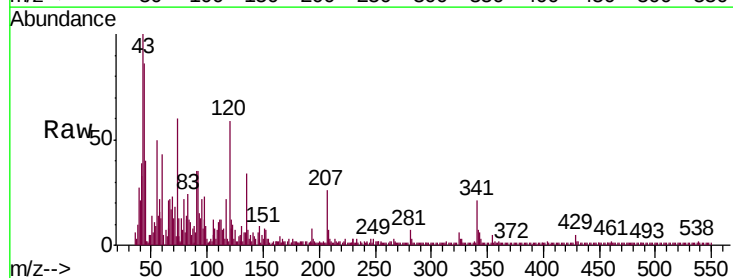
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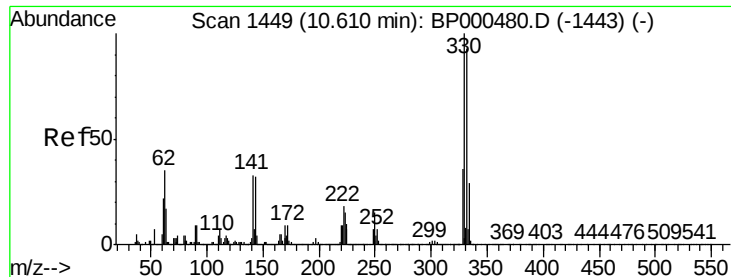
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.9	82.2	123.2
160	45.6	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.300 ng
RT: 8.75 min Scan# 1132
Delta R.T. -0.18 min
Lab File: BP000504.D
Acq: 03 Oct 2019 18:46

Tgt Ion	Ratio	Lower	Upper
237	100		
235	47.4	42.9	82.9
272	0.0	0.0	32.4

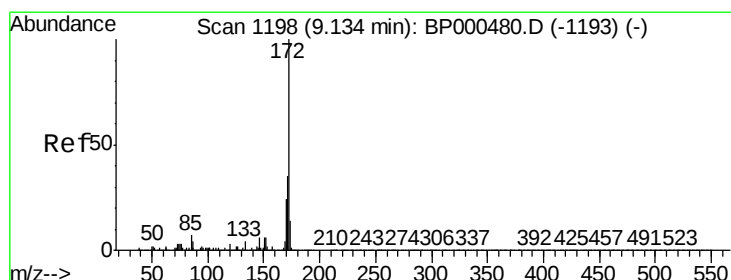
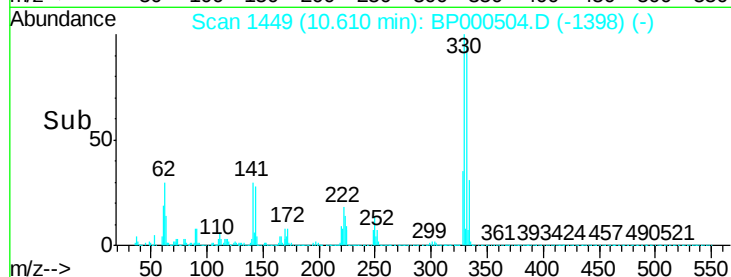
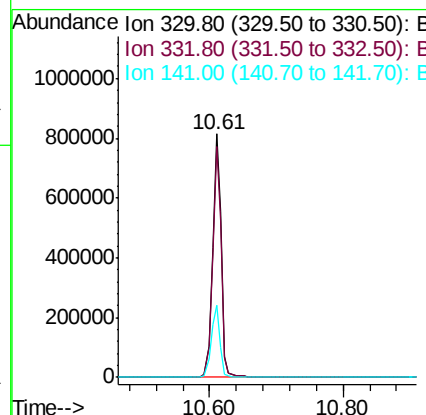
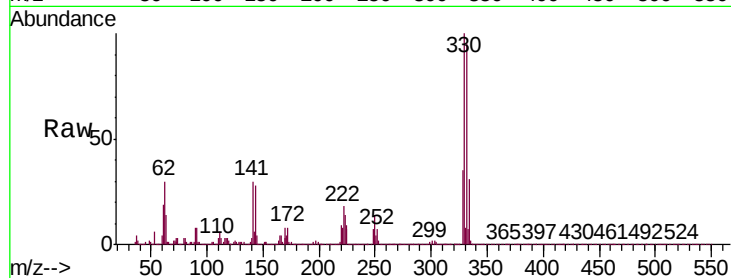




#42
 2,4,6-Tribromophenol
 Concen: 138.648 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.00 min
 Lab File: BP000504.D
 Acq: 03 Oct 2019 18:46

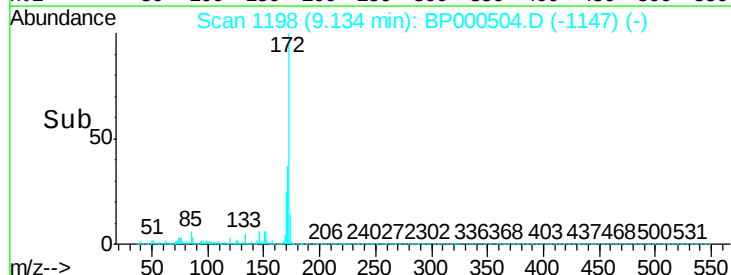
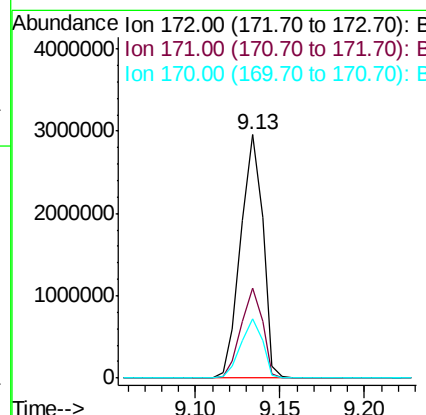
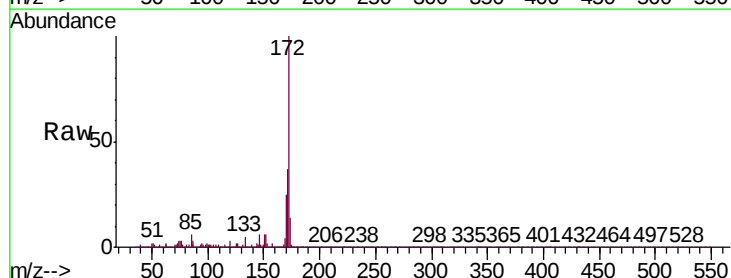
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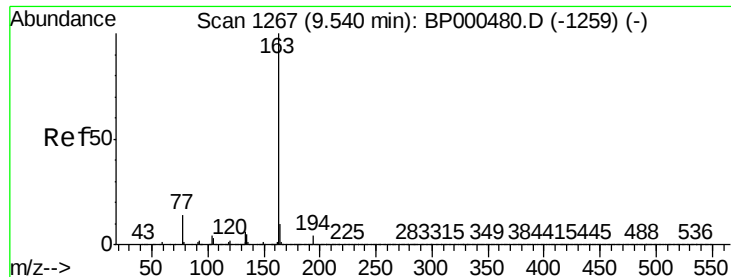
Tgt Ion:330 Resp: 726639
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.1 115.7
 141 30.0 26.0 39.0



#45
 2-Fluorobiphenyl
 Concen: 89.187 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BP000504.D
 Acq: 03 Oct 2019 18:46

Tgt Ion:172 Resp: 2710987
 Ion Ratio Lower Upper
 172 100
 171 37.0 28.4 42.6
 170 24.5 19.1 28.7

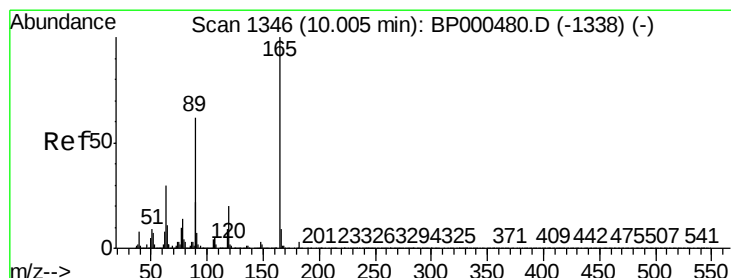
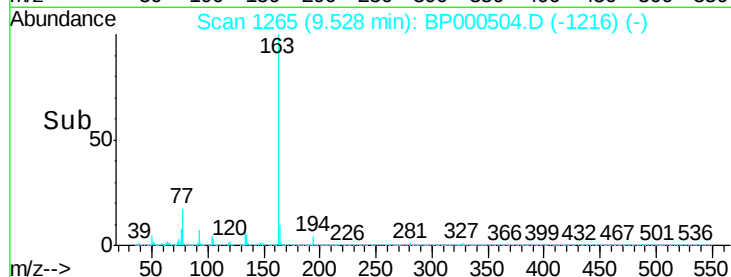
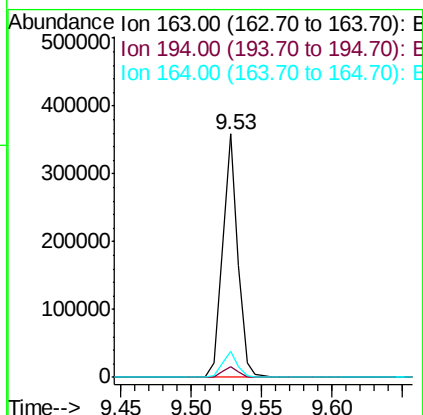
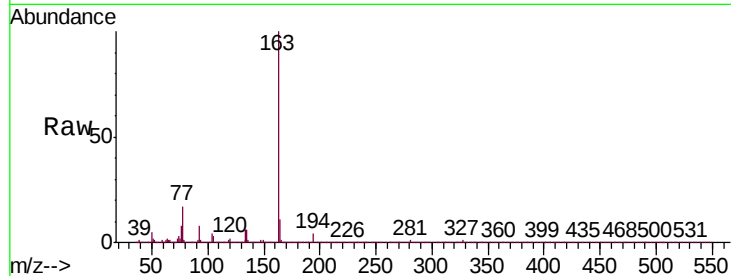




#50
Dimethylphthalate
Concen: 7.792 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BP000504.D
Acq: 03 Oct 2019 18:46

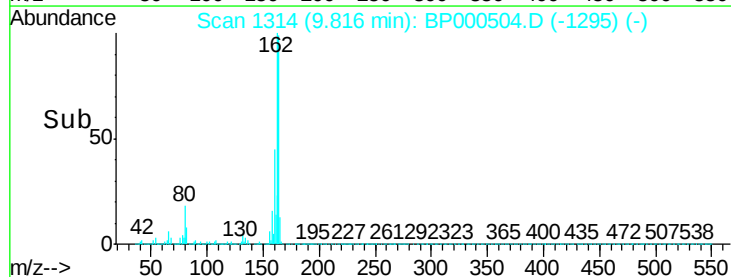
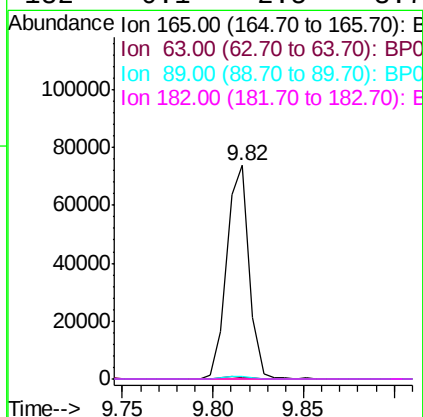
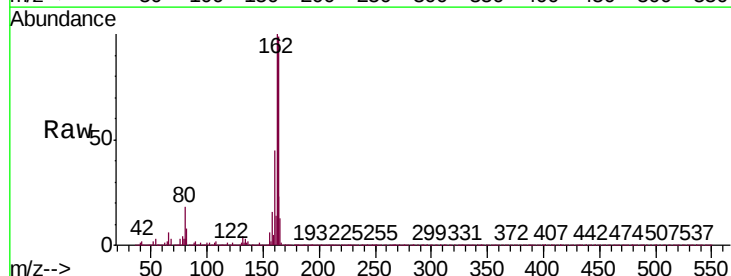
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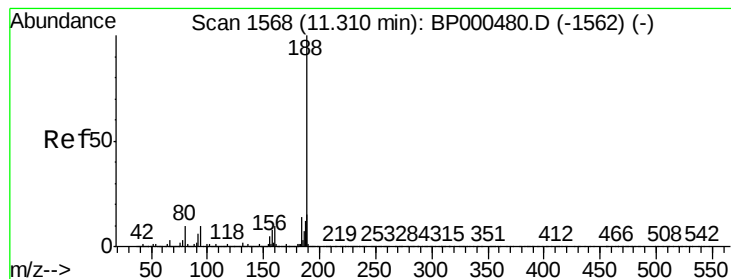
Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	10.5	8.0	12.0



#57
2,4-Dinitrotoluene
Concen: 6.423 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.19 min
Lab File: BP000504.D
Acq: 03 Oct 2019 18:46

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	24.2	36.4#
89	1.4	49.4	74.0#
182	0.1	2.5	3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BP000504.D

Acq: 03 Oct 2019 18:46

Instrument :

BNA_P

ClientSampleId :

20190830-COMPOSITE-F

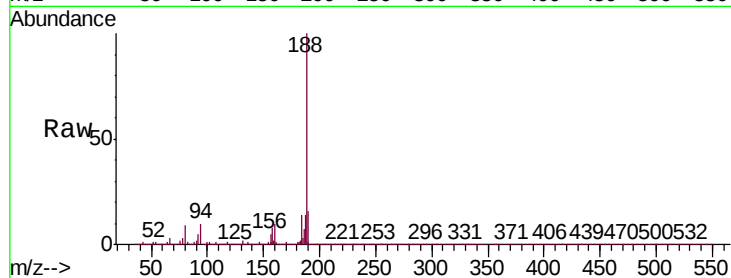
Tgt Ion:188 Resp: 912622

Ion Ratio Lower Upper

188 100

94 9.7 8.2 12.2

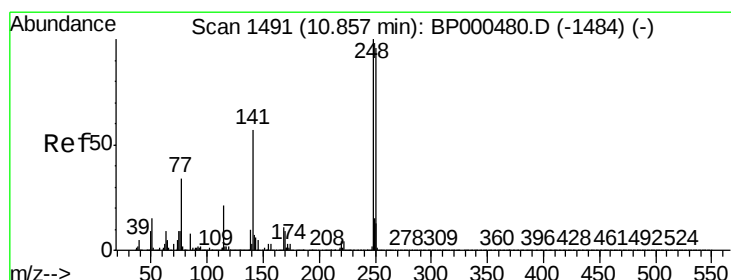
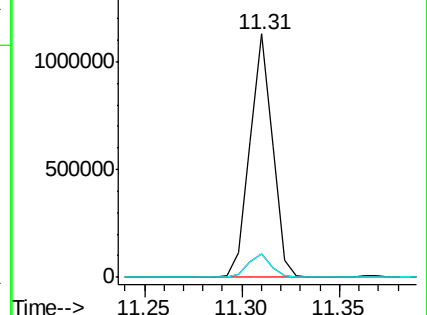
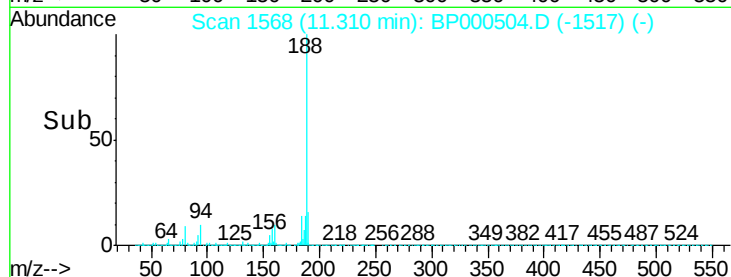
80 9.5 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BPO

Ion 80.00 (79.70 to 80.70): BPO



#67

4-Bromophenyl-phenylether

Concen: 4.924 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.25 min

Lab File: BP000504.D

Acq: 03 Oct 2019 18:46

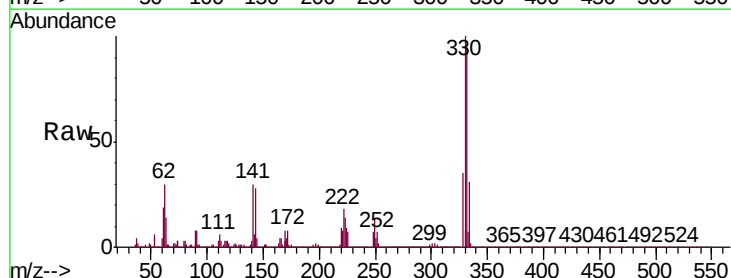
Tgt Ion:248 Resp: 50582

Ion Ratio Lower Upper

248 100

250 193.5 77.2 115.8#

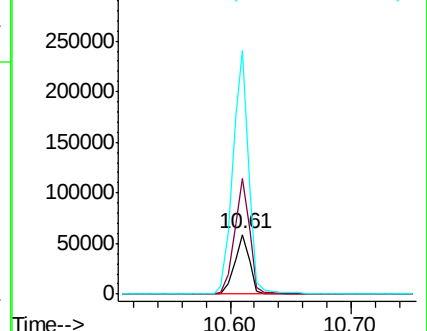
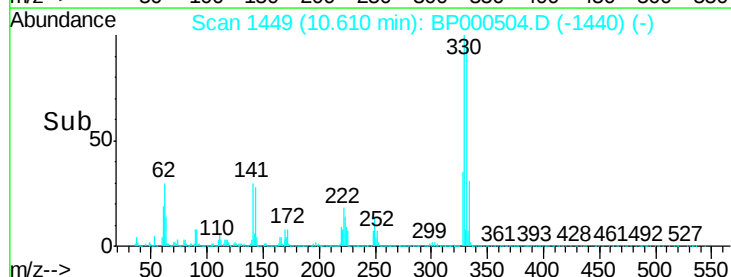
141 408.9 45.3 67.9#

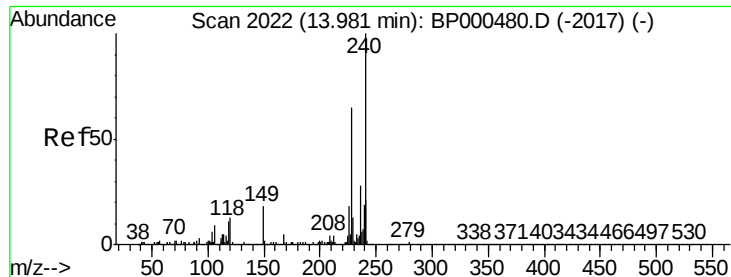


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

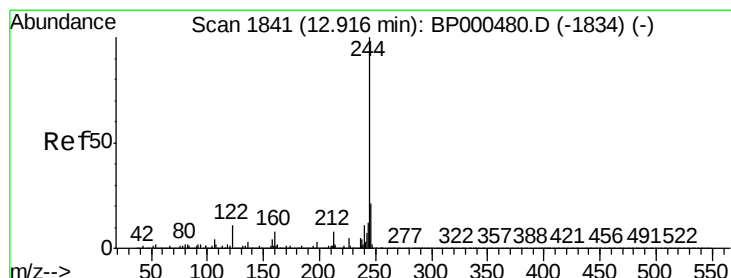
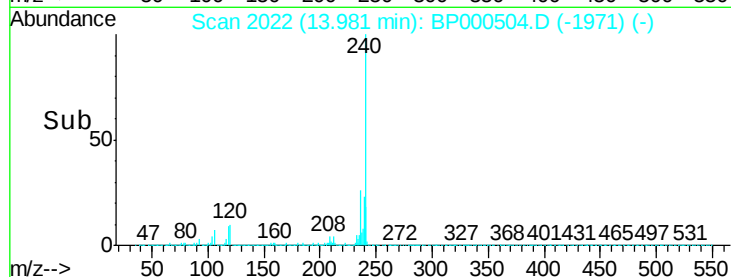
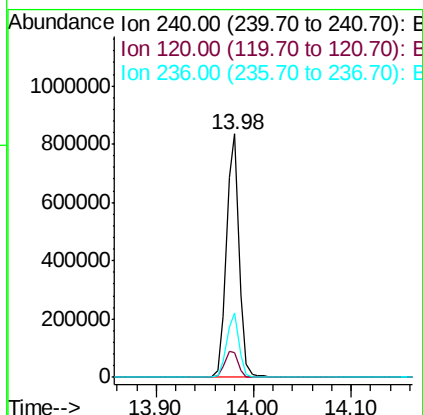
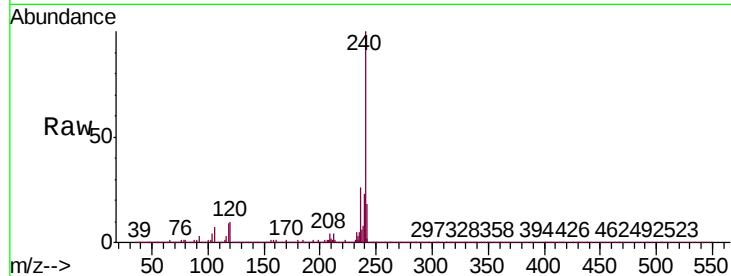




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BP000504.D
Acq: 03 Oct 2019 18:46

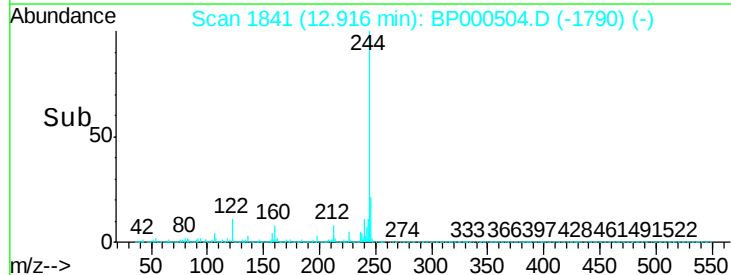
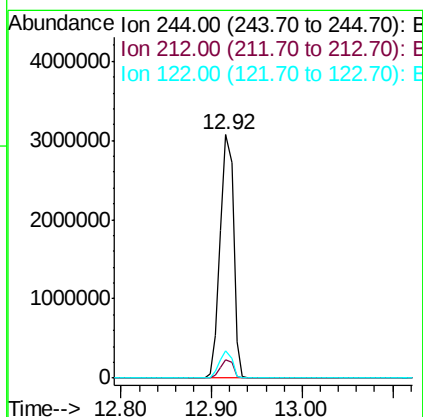
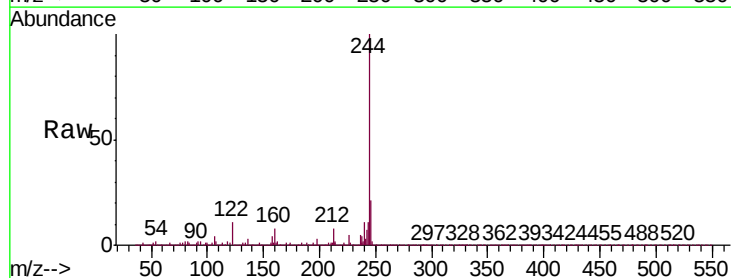
Instrument :
BNA_P
ClientSampleId :
20190830-COMPOSITE-F

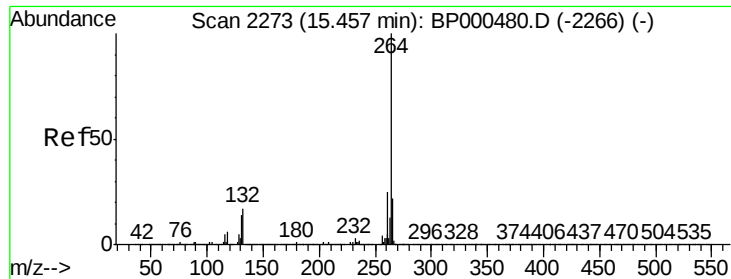
Tgt Ion:240 Resp: 747244
Ion Ratio Lower Upper
240 100
120 10.2 10.1 15.1
236 26.2 22.7 34.1



#79
Terphenyl-d14
Concen: 84.145 ng
RT: 12.92 min Scan# 1841
Delta R.T. -0.00 min
Lab File: BP000504.D
Acq: 03 Oct 2019 18:46

Tgt Ion:244 Resp: 3105440
Ion Ratio Lower Upper
244 100
212 7.6 6.0 9.0
122 11.0 8.9 13.3

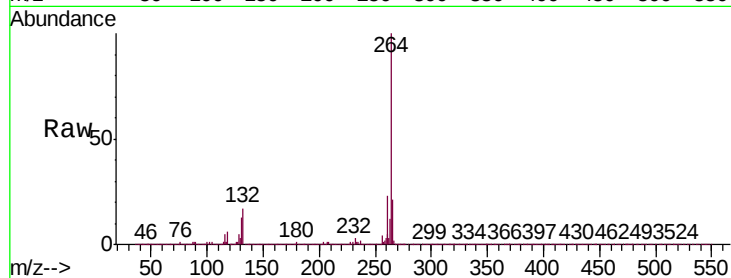




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.00 min
Lab File: BP000504.D
Acq: 03 Oct 2019 18:46

Instrument :
BNA_P
ClientSampleId :
20190830-COMPOSITE-F

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	20.3	30.5
265	21.0	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

