

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP101019\
 Data File : BP000616.D
 Acq On : 10 Oct 2019 15:15
 Operator : JU
 Sample : K5292-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190853-COMPOSITE-E

Quant Time: Oct 11 02:24:45 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

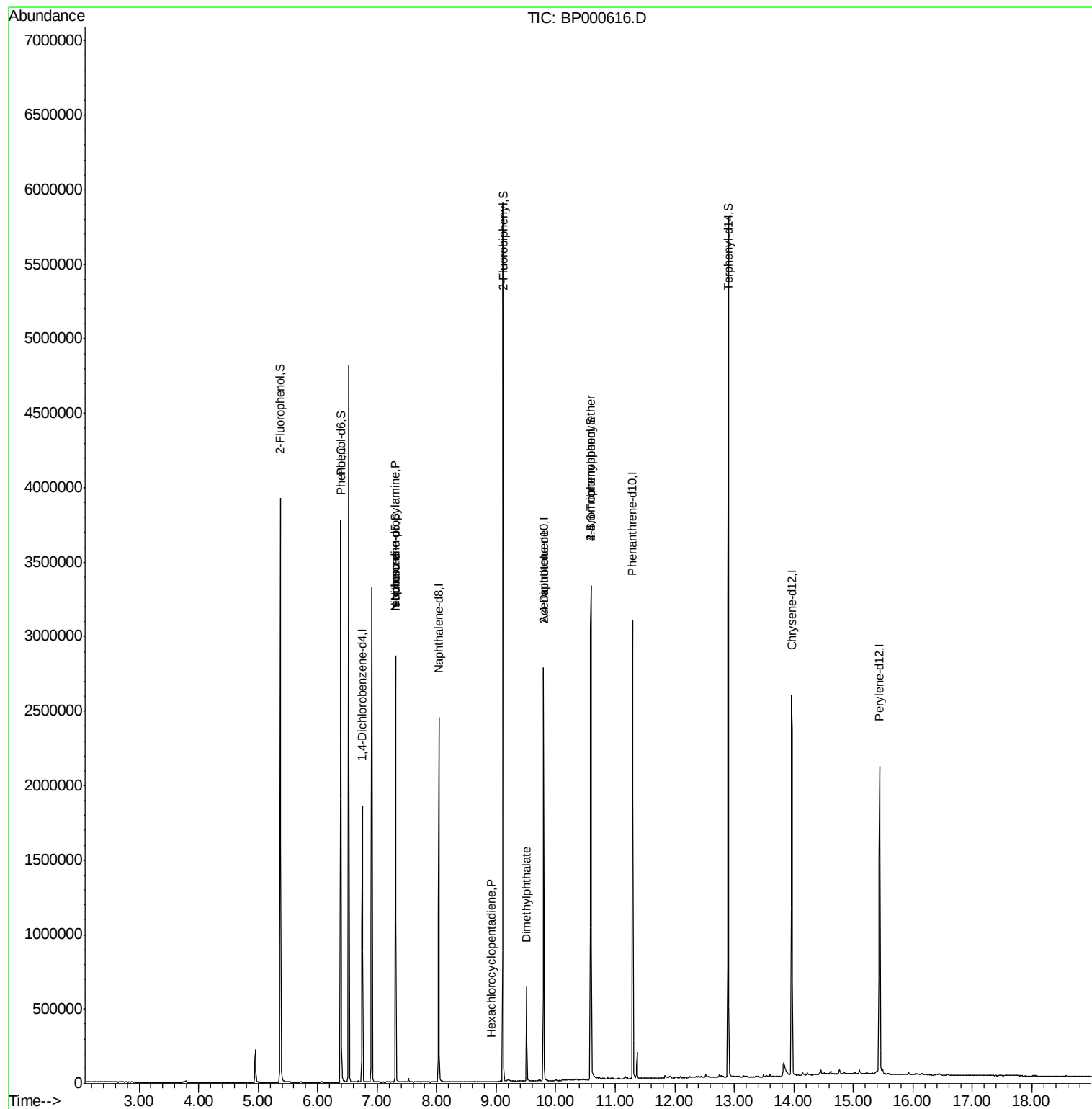
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	263084	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	979806	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	555428	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1018295	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	847980	20.00	ng	-0.02
87) Perylene-d12	15.44	264	895724	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1190724	72.75	ng	-0.02
7) Phenol-d6	6.39	99	1547090	78.44	ng	-0.02
23) Nitrobenzene-d5	7.31	82	806963	50.30	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	424733	71.76	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1633536	47.59	ng	-0.02
79) Terphenyl-d14	12.90	244	1893503	45.21	ng	-0.02
Target Compounds						
10) Phenol	6.40	94	75340	3.731	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	97794	10.757	ng	# 74
25) Isophorone	7.31	82	806900	28.340	ng	# 61
41) Hexachlorocyclopentadiene	8.92	237	14	7.299	ng	89
50) Dimethylphthalate	9.51	163	229878	5.956	ng	100
57) 2,4-Dinitrotoluene	9.80	165	71280	6.388	ng	# 31
67) 4-Bromophenyl-phenylether	10.59	248	29768	2.597	ng	# 1

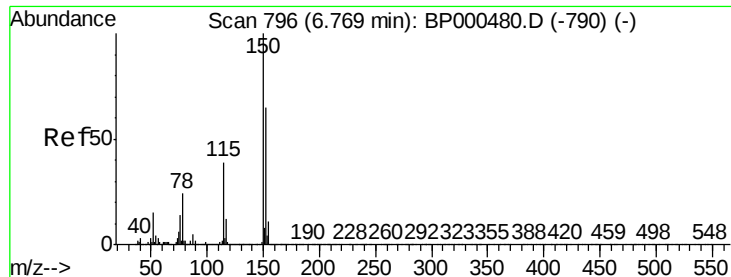
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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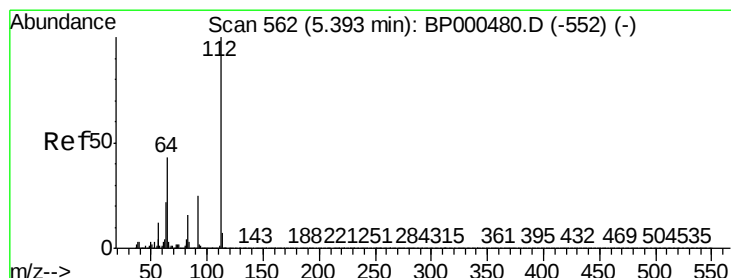
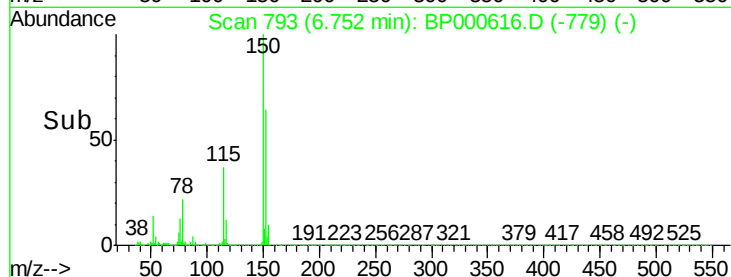
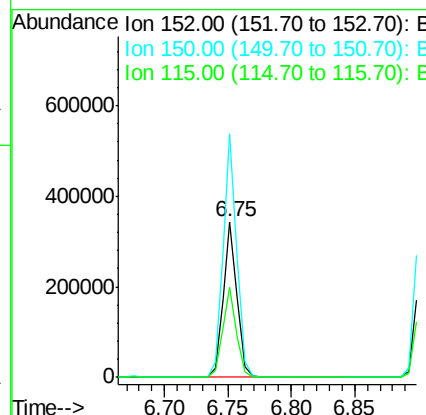
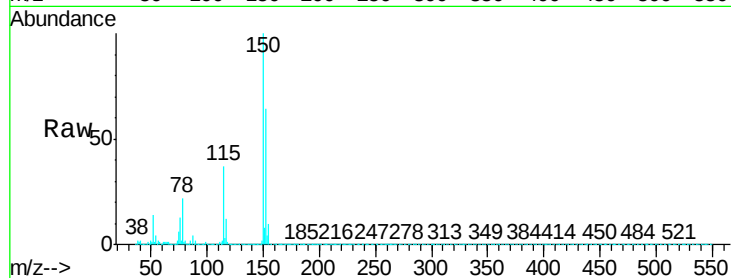


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

Instrument :
BNA_P
ClientSampleId :
20190853-COMPOSITE-E

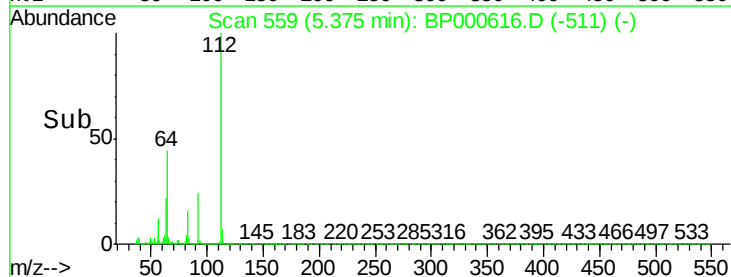
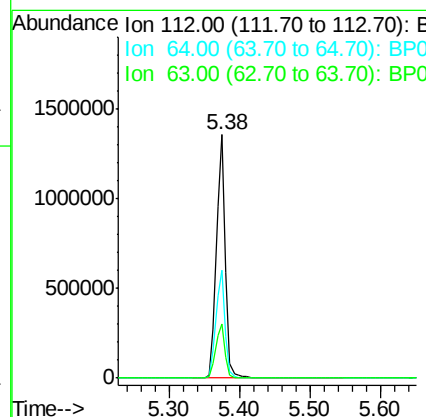
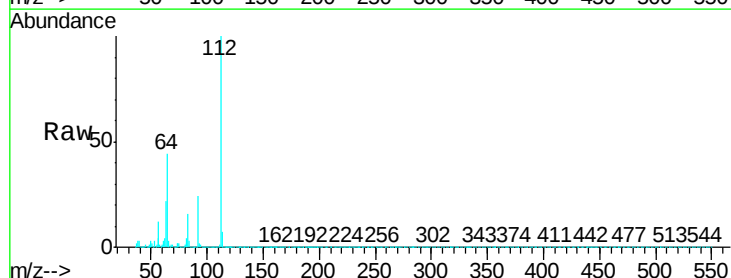
Tgt Ion:152 Resp: 263084
Ion Ratio Lower Upper
152 100
150 156.2 124.1 186.1
115 57.5 48.7 73.1

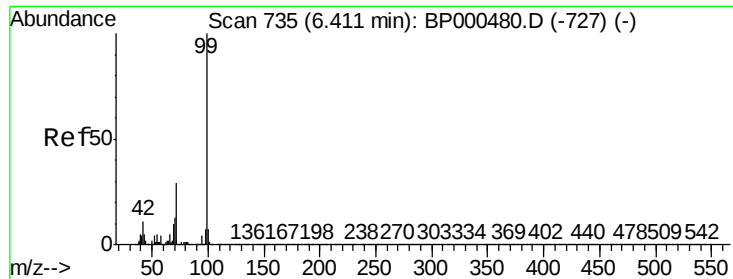


#5

2-Fluorophenol
Concen: 72.753 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

Tgt Ion:112 Resp: 1190724
Ion Ratio Lower Upper
112 100
64 44.1 34.2 51.4
63 22.2 17.9 26.9





#7

Phenol-d6

Concen: 78.443 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000616.D

Acq: 10 Oct 2019 15:15

Instrument :

BNA_P

ClientSampleId :

20190853-COMPOSITE-E

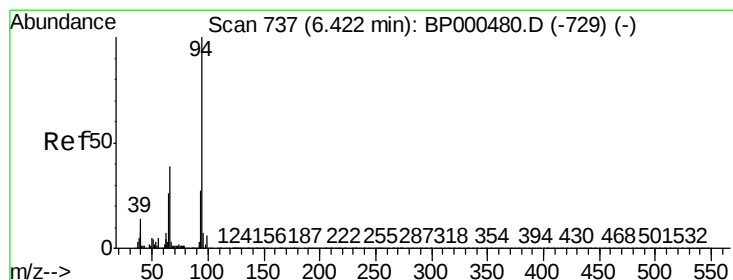
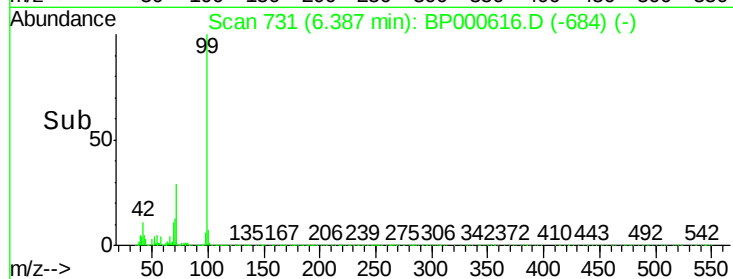
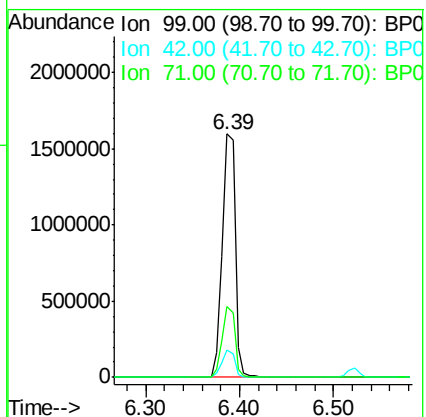
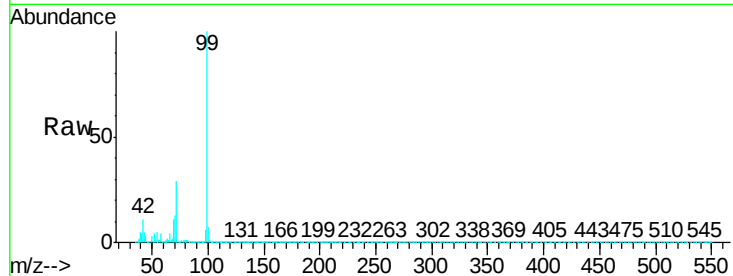
Tgt Ion: 99 Resp: 1547090

Ion Ratio Lower Upper

99 100

42 11.3 8.6 12.8

71 29.1 23.0 34.4



#10

Phenol

Concen: 3.731 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000616.D

Acq: 10 Oct 2019 15:15

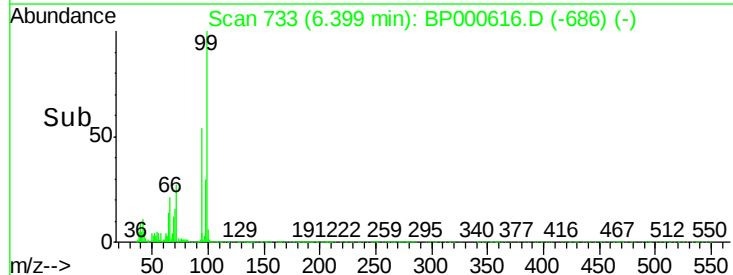
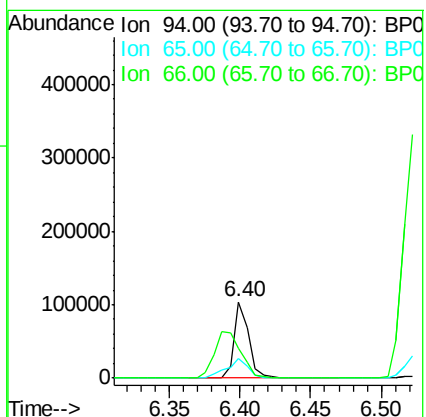
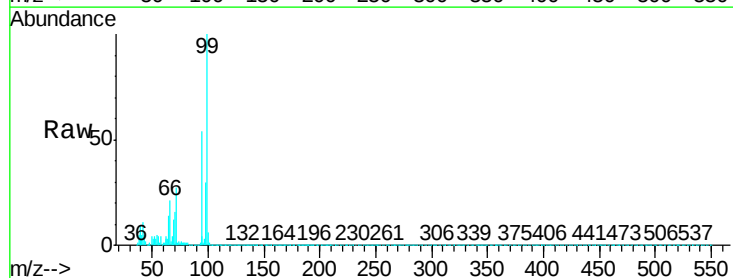
Tgt Ion: 94 Resp: 75340

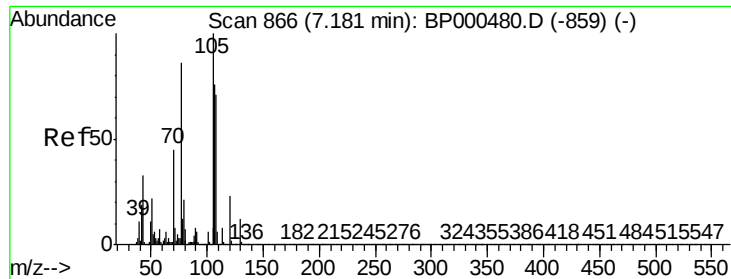
Ion Ratio Lower Upper

94 100

65 25.2 5.9 45.9

66 39.0 18.8 58.8

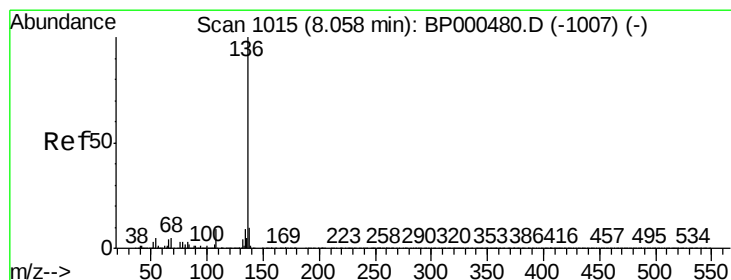
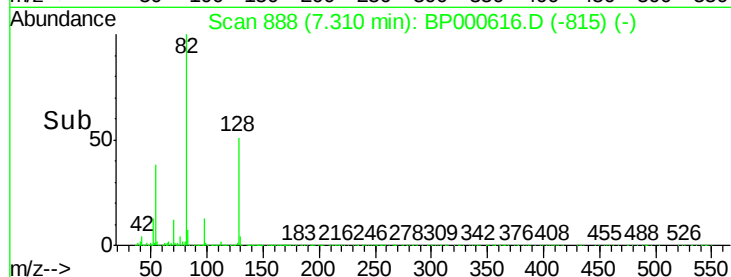
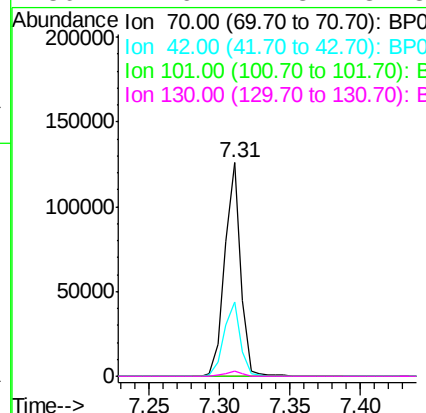
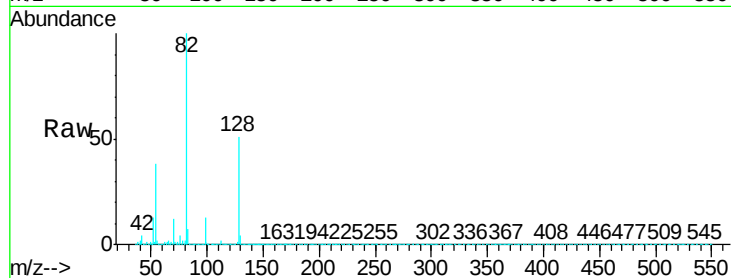




#19
n-Nitroso-di-n-propylamine
Concen: 10.757 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.13 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

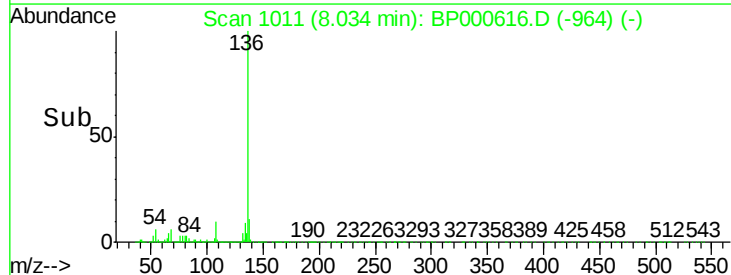
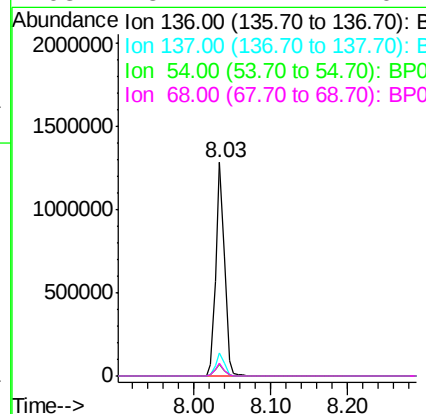
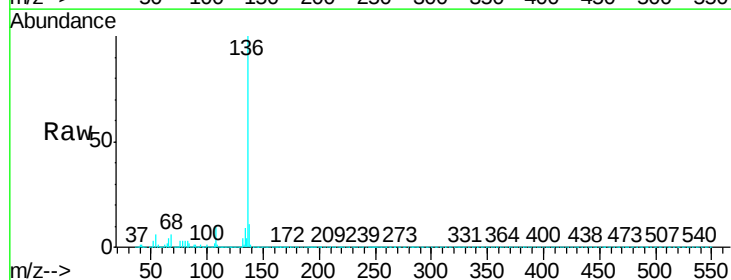
Instrument :
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20190853-COMPOSITE-E

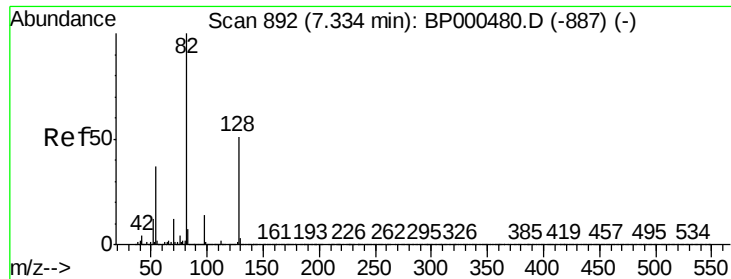
Tgt Ion:	70	Resp:	97794
Ion	Ratio	Lower	Upper
70	100		
42	35.0	33.2	49.8
101	0.0	9.9	14.9#
130	2.6	21.8	32.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

Tgt Ion:	136	Resp:	979806
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.2	12.4
54	5.7	4.1	6.1
68	5.7	4.1	6.1





#23

Nitrobenzene-d5

Concen: 50.301 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.02 min

Lab File: BP000616.D

Acq: 10 Oct 2019 15:15

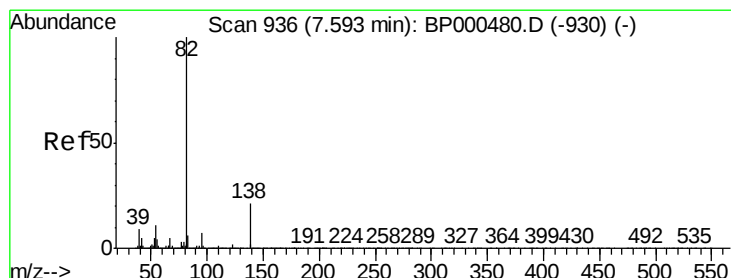
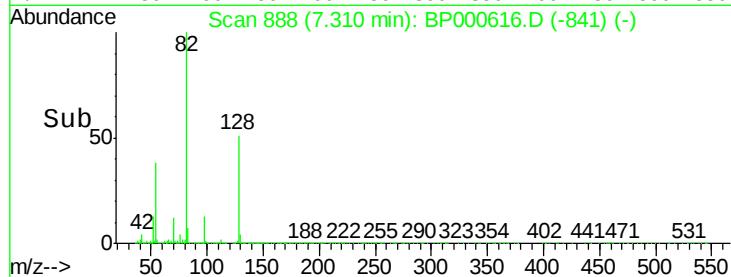
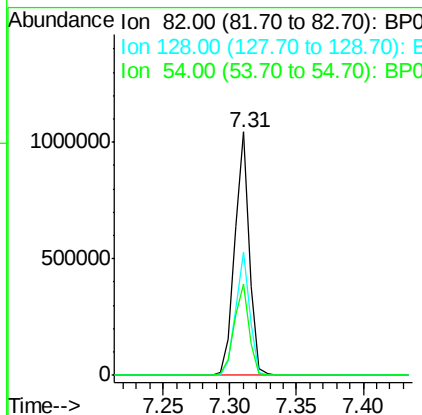
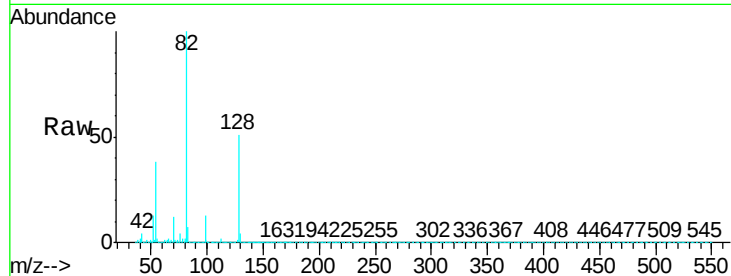
Instrument :

BNA_P

ClientSampleId :

20190853-COMPOSITE-E

Tgt Ion:	82	Resp:	806963
Ion Ratio		Lower	Upper
82	100		
128	50.8	40.9	61.3
54	37.6	29.4	44.2



#25

Isophorone

Concen: 28.340 ng

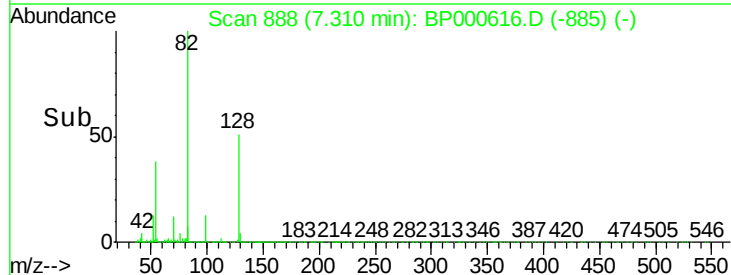
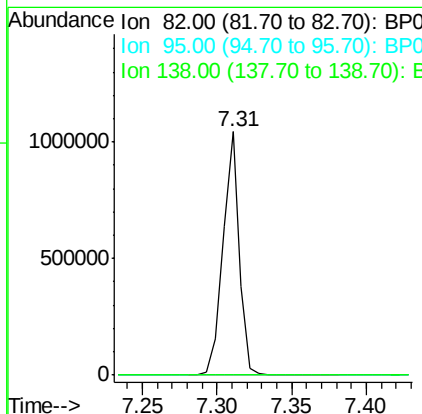
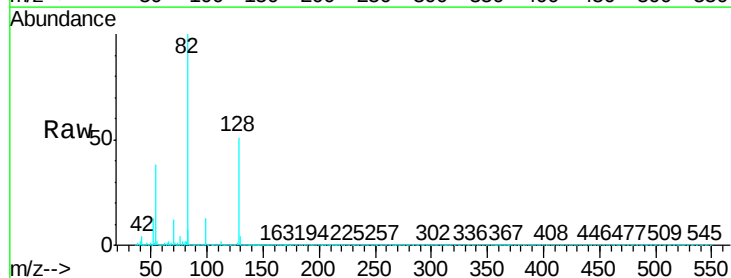
RT: 7.31 min Scan# 888

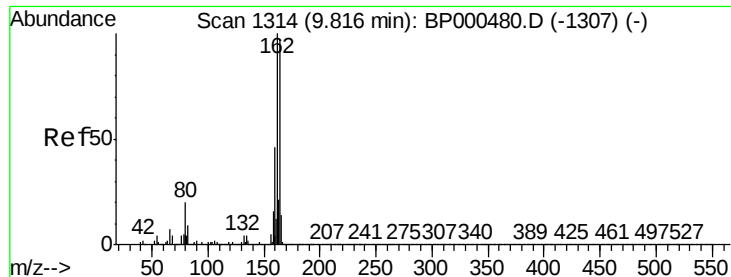
Delta R.T. -0.28 min

Lab File: BP000616.D

Acq: 10 Oct 2019 15:15

Tgt Ion:	82	Resp:	806900
Ion Ratio		Lower	Upper
82	100		
95	0.0	5.8	8.6#
138	0.0	17.0	25.4#

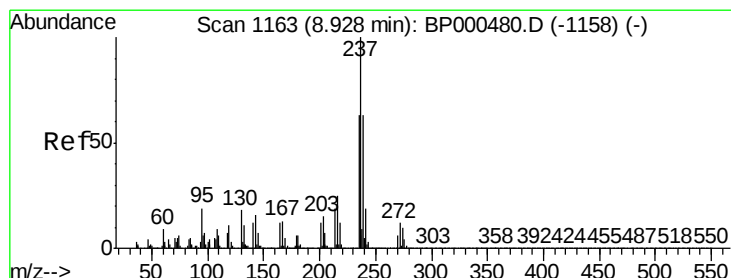
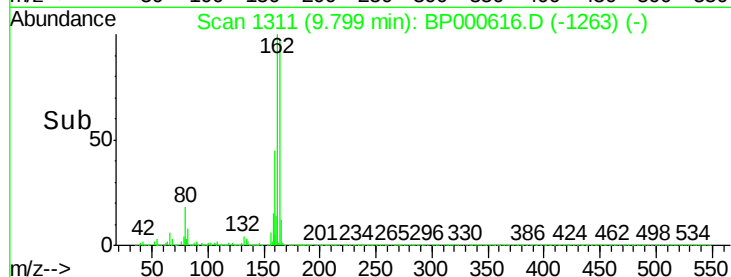
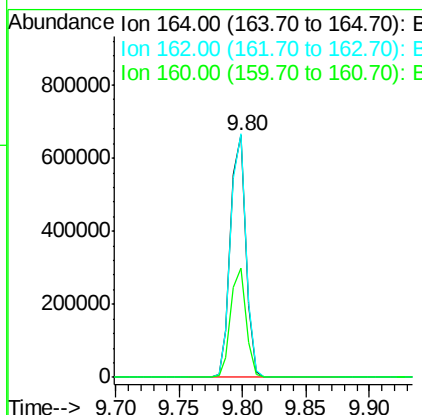
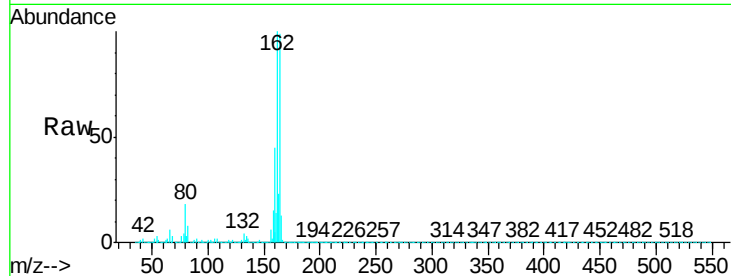




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

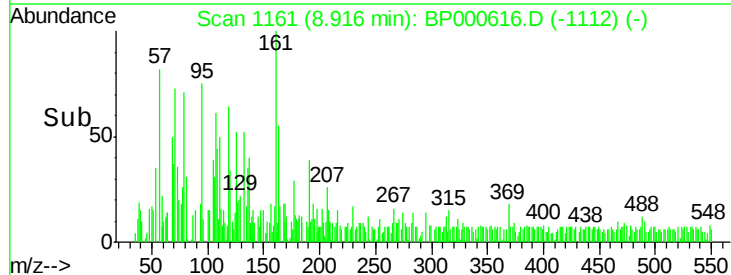
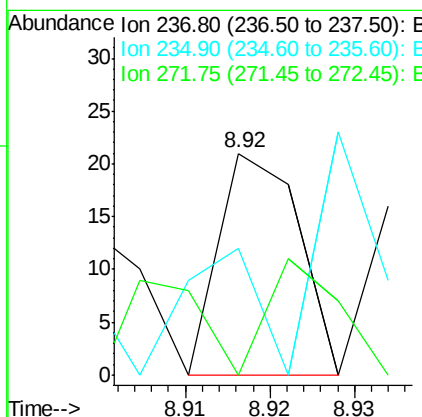
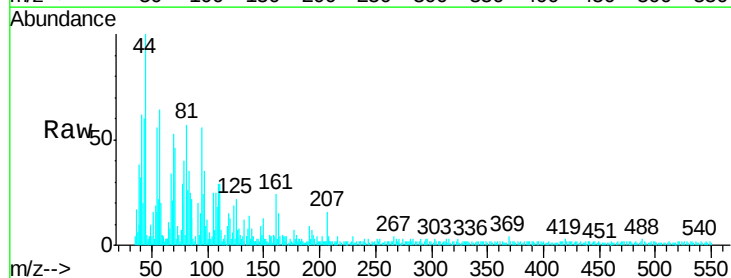
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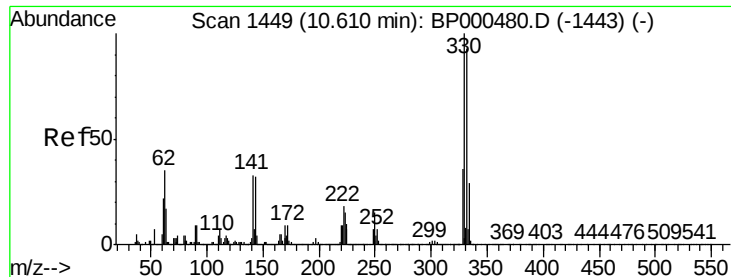
Tgt Ion:164 Resp: 555428
Ion Ratio Lower Upper
164 100
162 100.6 82.2 123.2
160 45.2 37.6 56.4



#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.01 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

Tgt Ion:237 Resp: 14
Ion Ratio Lower Upper
237 100
235 57.1 42.9 82.9
272 0.0 0.0 32.4

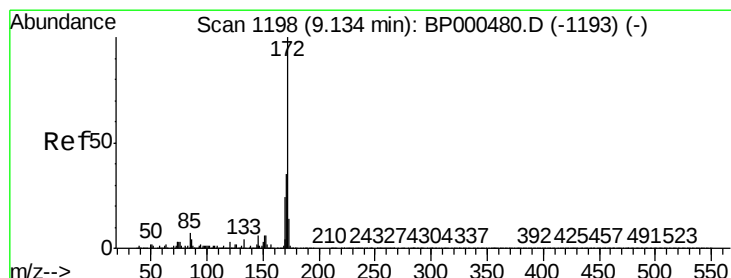
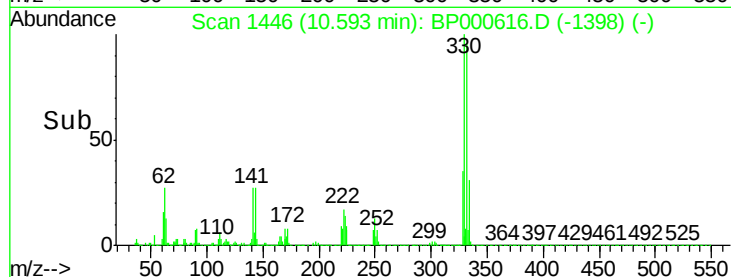
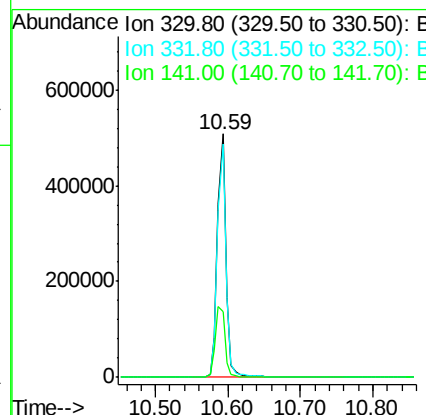
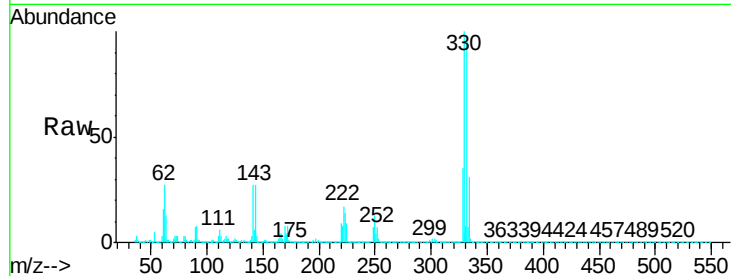




#42
2,4,6-Tribromophenol
Concen: 71.761 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

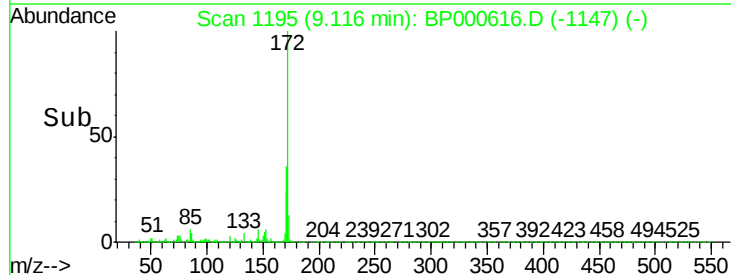
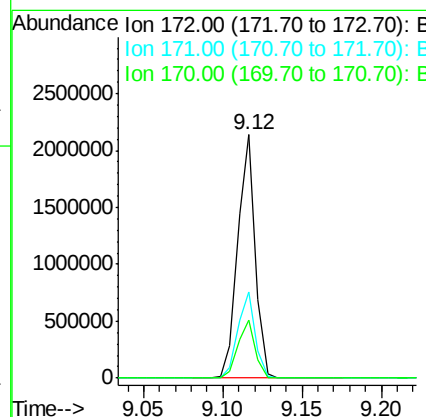
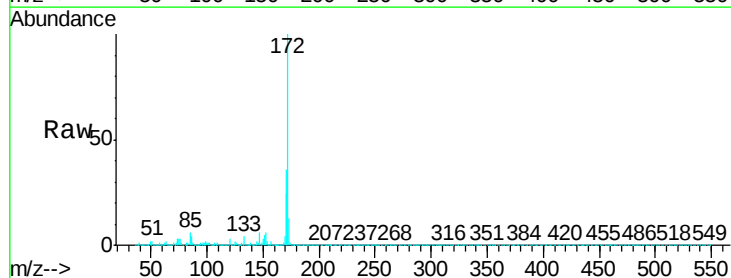
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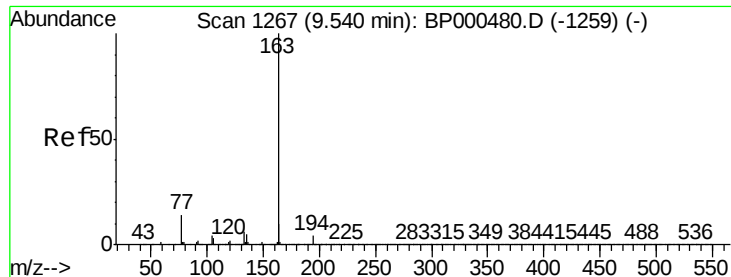
Tgt Ion:330 Resp: 424733
Ion Ratio Lower Upper
330 100
332 96.5 77.1 115.7
141 32.8 26.0 39.0



#45
2-Fluorobiphenyl
Concen: 47.586 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

Tgt Ion:172 Resp: 1633536
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 24.0 19.1 28.7

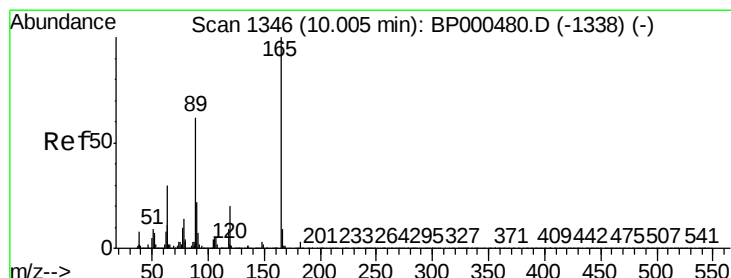
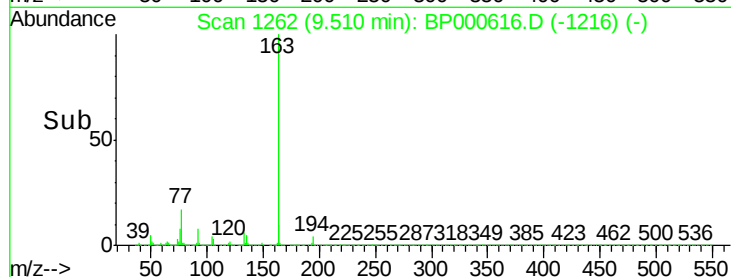
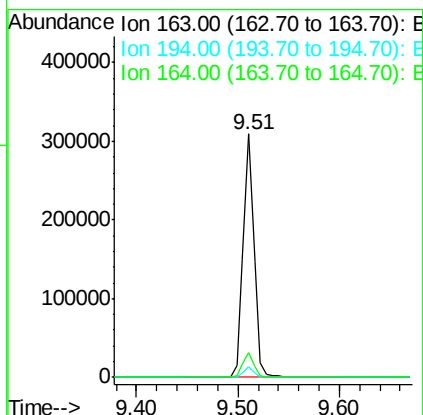
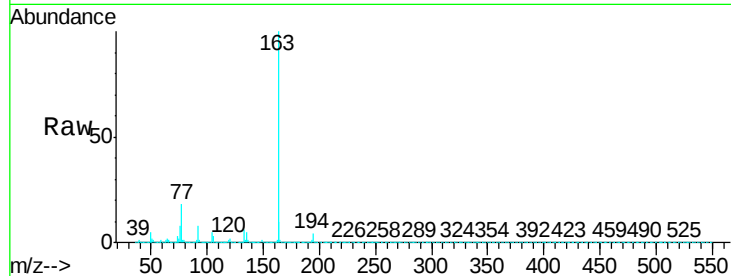




#50
Dimethylphthalate
Concen: 5.956 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

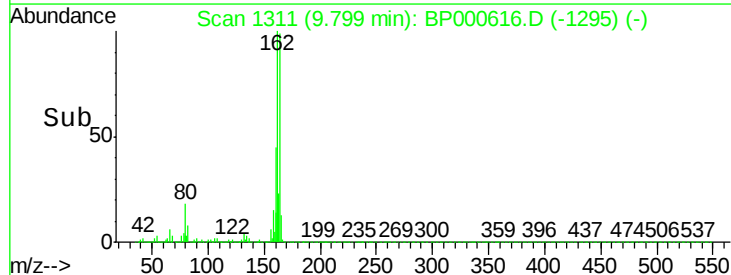
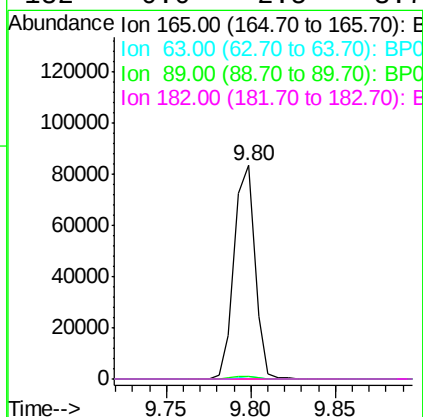
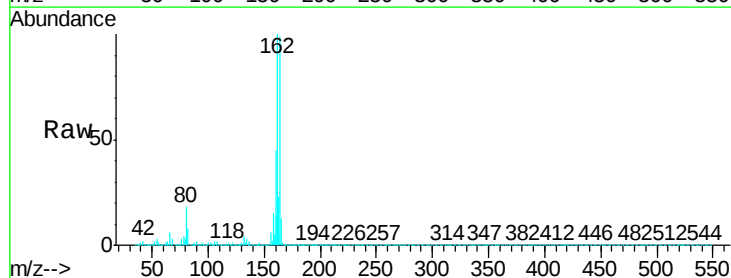
Instrument :
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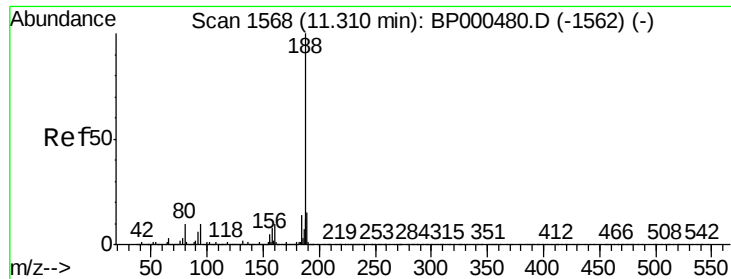
Tgt Ion:163 Resp: 229878
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.0 12.0



#57
2,4-Dinitrotoluene
Concen: 6.388 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.21 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

Tgt Ion:165 Resp: 71280
Ion Ratio Lower Upper
165 100
63 0.9 24.2 36.4#
89 1.4 49.4 74.0#
182 0.0 2.5 3.7#

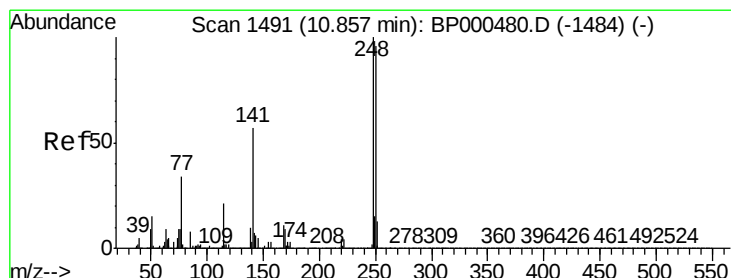
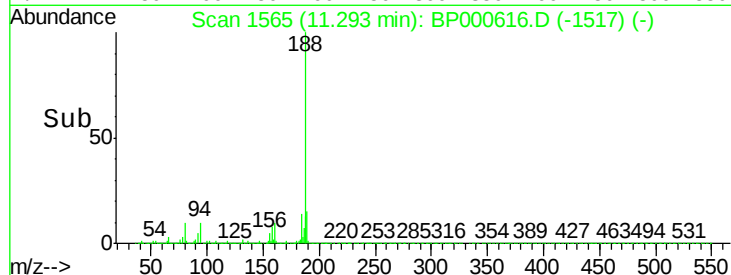
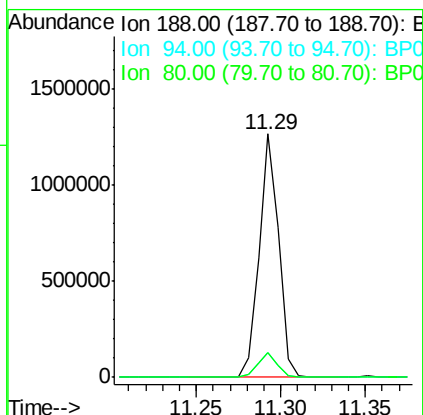
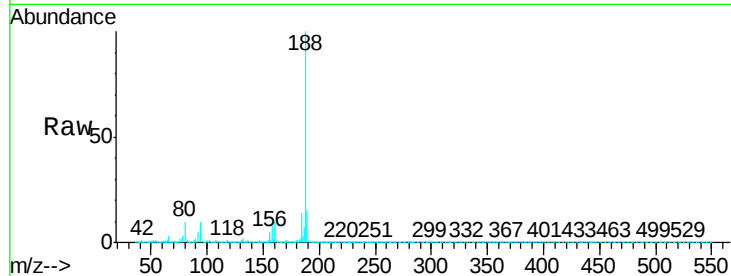




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

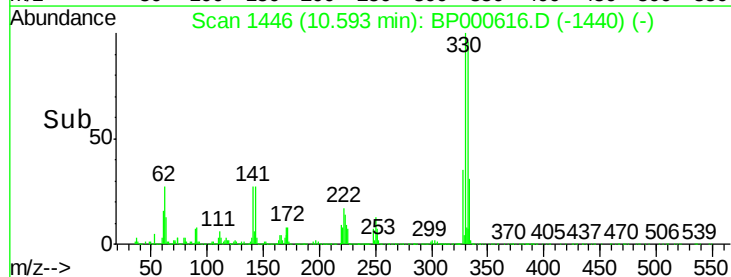
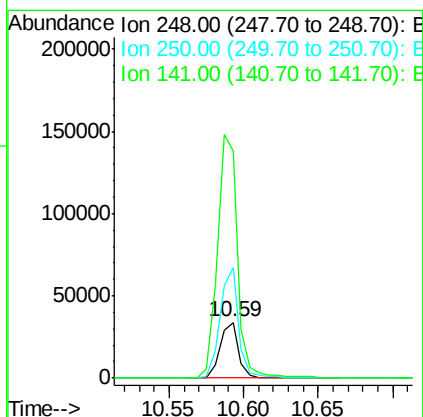
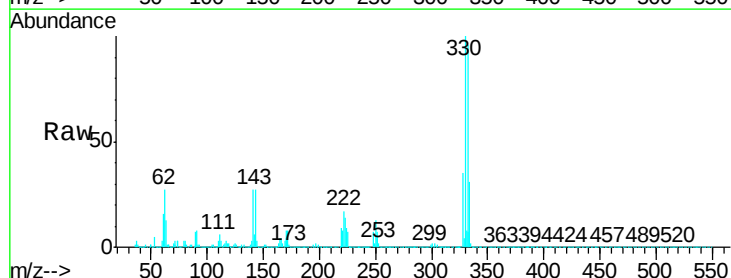
Instrument :
BNA_P
ClientSampleId :
20190853-COMPOSITE-E

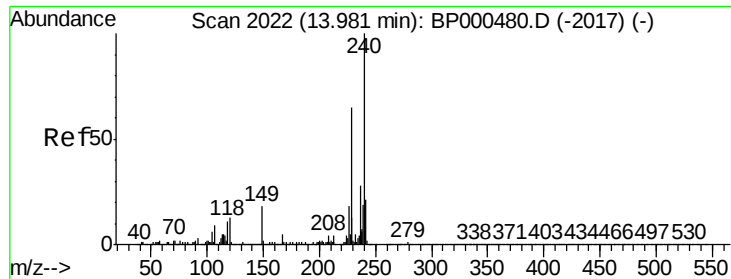
Tgt Ion:188 Resp: 1018295
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.2
80 10.1 8.3 12.5



#67
4-Bromophenyl-phenylether
Concen: 2.597 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.26 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

Tgt Ion:248 Resp: 29768
Ion Ratio Lower Upper
248 100
250 199.0 77.2 115.8#
141 408.1 45.3 67.9#

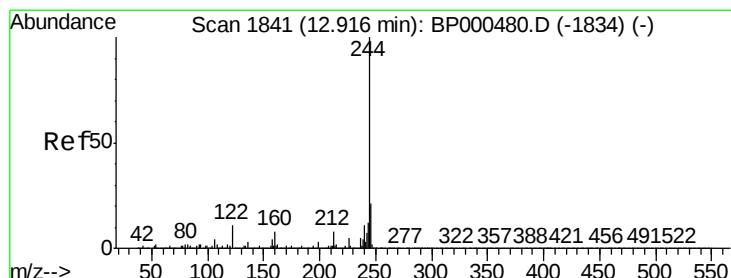
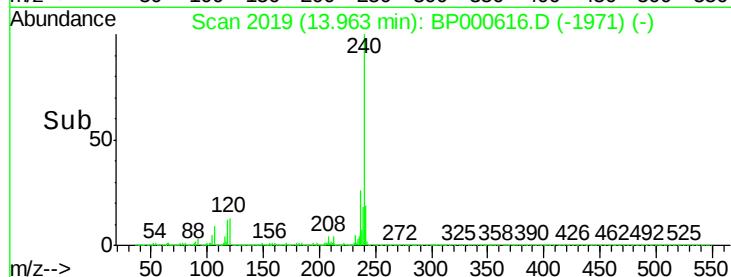
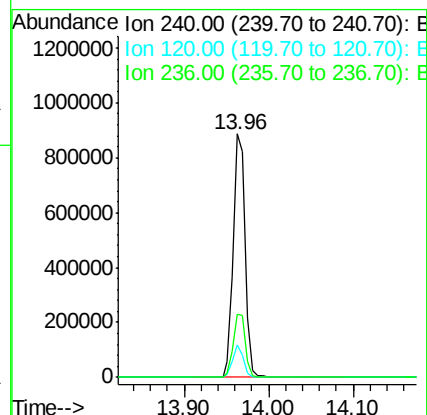
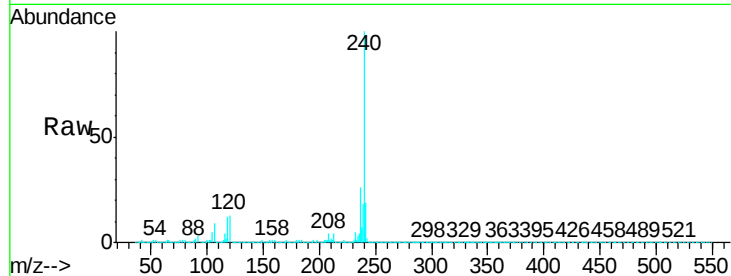




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

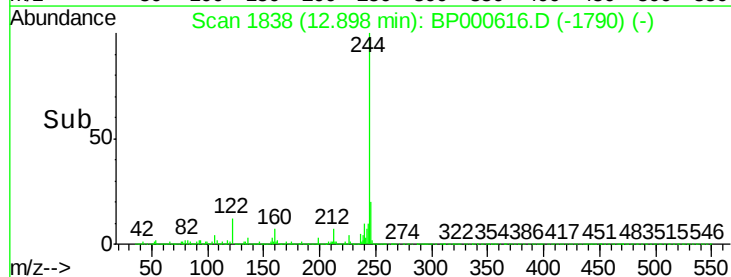
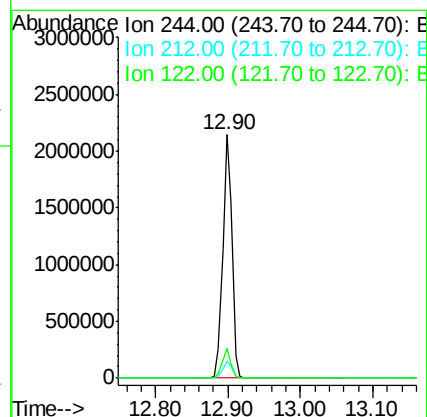
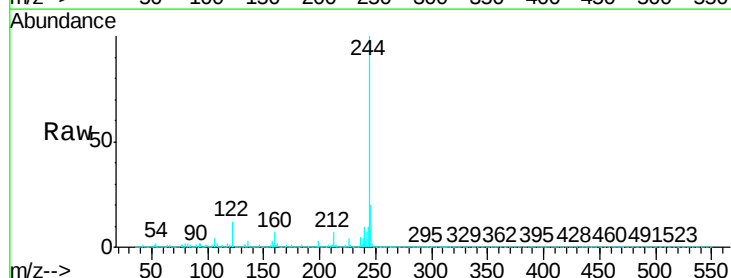
Instrument :
BNA_P
ClientSampleId :
20190853-COMPOSITE-E

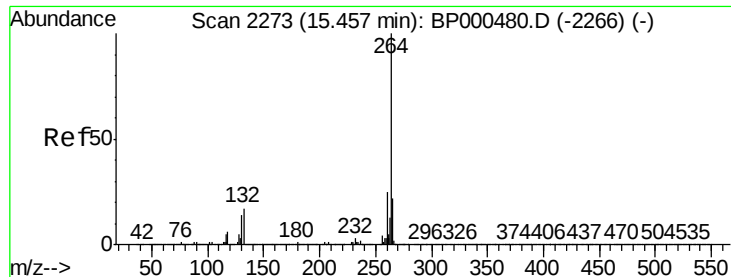
Tgt Ion:240 Resp: 847980
Ion Ratio Lower Upper
240 100
120 13.1 10.1 15.1
236 25.9 22.7 34.1



#79
Terphenyl-d14
Concen: 45.211 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.02 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

Tgt Ion:244 Resp: 1893503
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 12.0 8.9 13.3





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000616.D
Acq: 10 Oct 2019 15:15

Instrument :
BNA_P
ClientSampleId :
20190853-COMPOSITE-E

Tgt Ion: 264 Resp: 895724
Ion Ratio Lower Upper
264 100
260 24.3 20.3 30.5
265 21.9 18.0 27.0

