

Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP092619\
 Data File : BP000426.D
 Acq On : 26 Sep 2019 16:46
 Operator : JU
 Sample : K5019-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 QNWP8-MW26S-GW

Manual Integrations
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Quant Time: Oct 01 11:46:01 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	232625	20.00	ng	0.01
21) Naphthalene-d8	8.08	136	416962	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	460719	20.00	ng	0.00
64) Phenanthrene-d10	11.34	188	488849	20.00	ng	0.01
76) Chrysene-d12	14.01	240	796431	20.00	ng	0.01
87) Perylene-d12	15.49	264	886995	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	945420	70.16	ng	0.04
7) Phenol-d6	6.46	99	1036418	62.75	ng	0.04
23) Nitrobenzene-d5	7.36	82	1019386	157.74	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	533932	116.84	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	1999895	78.13	ng	0.00
79) Terphenyl-d14	12.95	244	2616375	68.92	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.50	88	77187	12.694	ng	99
3) Pyridine	3.26	79	367998	22.480	ng	98
6) Aniline	6.46	93	570054	25.031	ng	# 22
10) Phenol	6.47	94	818848	43.634	ng	89
17) 2-Methylphenol	7.06	107	540284m	43.474	ng	
20) 3+4-Methylphenols	7.22	107	2417968	160.893	ng	# 70
27) 2,4-Dimethylphenol	7.78	122	3694426m	651.757	ng	
31) Naphthalene	8.19	128	38907414	2014.782	ng	# 89
37) 2-Methylnaphthalene	8.80	142	4782380	362.273	ng	# 95
38) 1-Methylnaphthalene	8.91	142	4669922	377.643	ng	98
46) 1,1'-Biphenyl	9.26	154	1687904	52.959	ng	99
49) Acenaphthylene	9.70	152	450266	11.204	ng	# 88
50) Dimethylphthalate	9.56	163	446292	14.218	ng	100
52) Acenaphthene	9.88	154	2644566	104.276	ng	98
55) Dibenzofuran	10.05	168	3248129	90.598	ng	96
58) Fluorene	10.39	166	2088139	75.406	ng	99
71) Phenanthrene	11.37	178	3127758	127.677	ng	98
72) Anthracene	11.42	178	503387	19.963	ng	99
73) Carbazole	11.59	167	2621100	115.424	ng	99
75) Fluoranthene	12.58	202	430440	16.363	ng	99
78) Pyrene	12.80	202	299201	5.021	ng	99

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

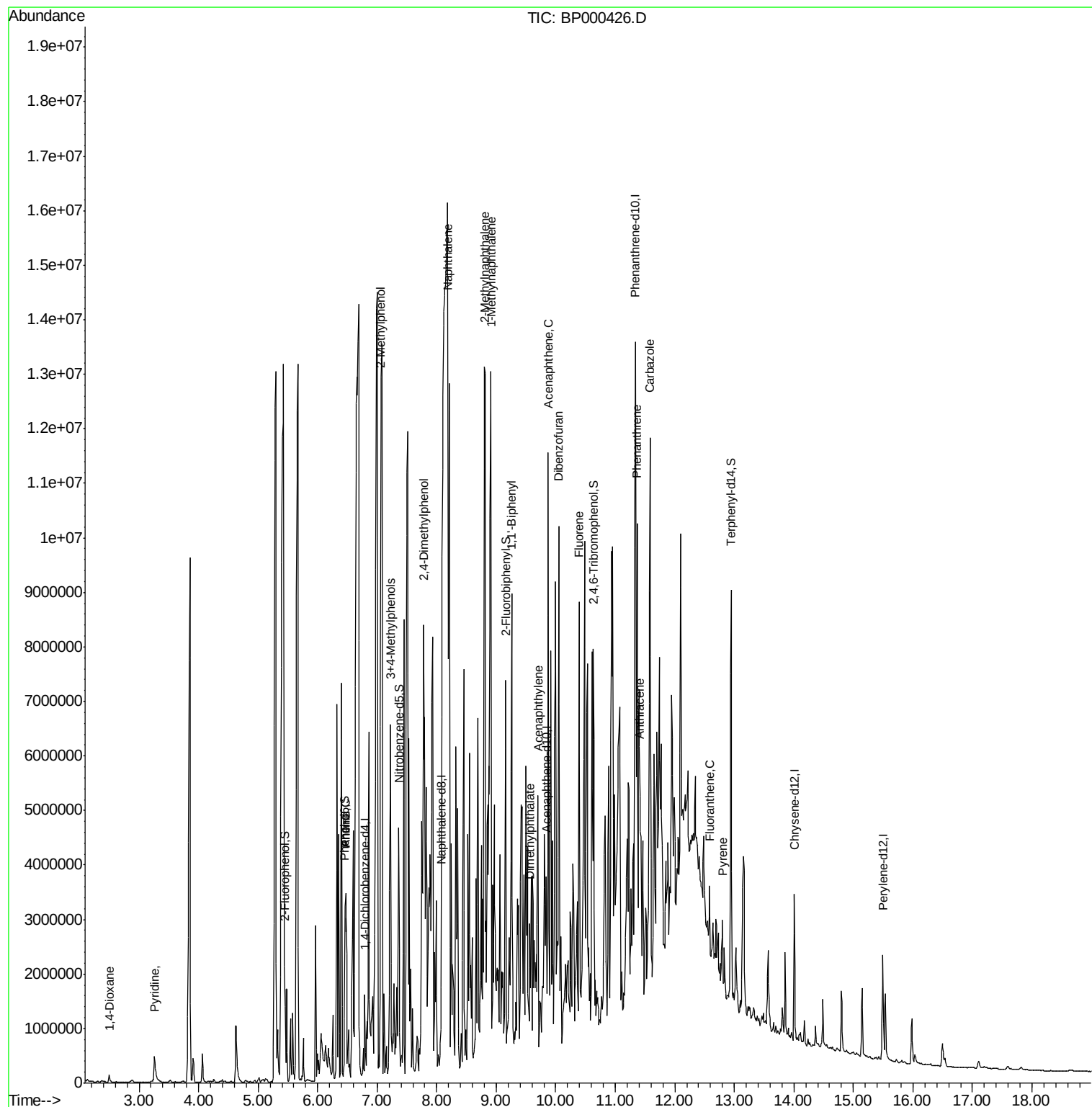
Data Path : Z:\SVOASRV\HPCHEM1\BNA_P\DATA\BP092619\
Data File : BP000426.D
Acq On : 26 Sep 2019 16:46
Operator : JU
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ALS Vial : 15 Sample Multiplier: 1

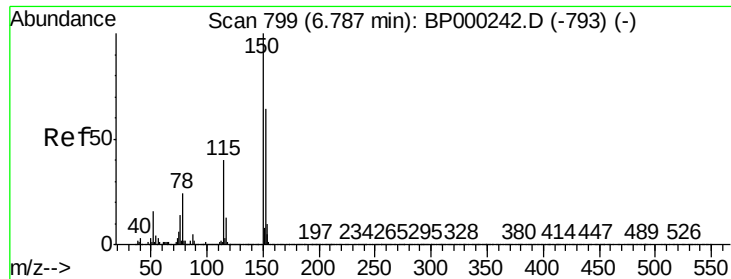
Instrument :
BNA_P
ClientSampleId :
QNWP8-MW26S-GW

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Quant Time: Oct 01 11:46:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\8270-BP091619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

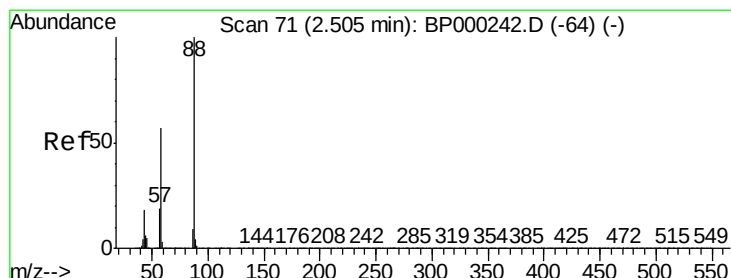
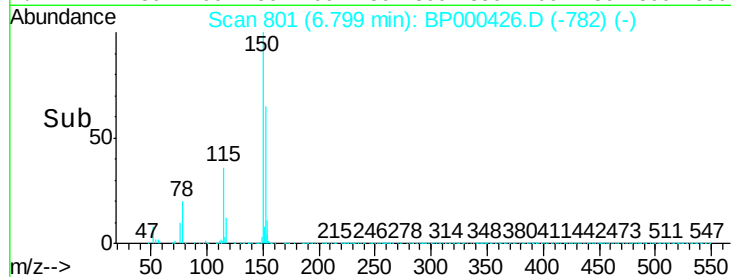
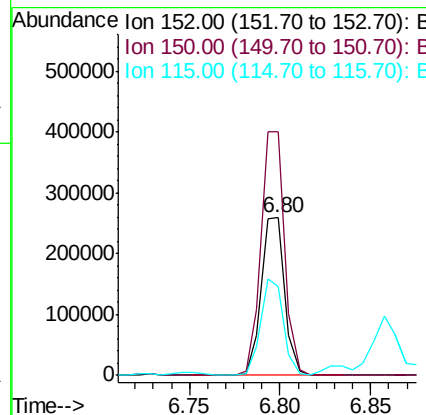
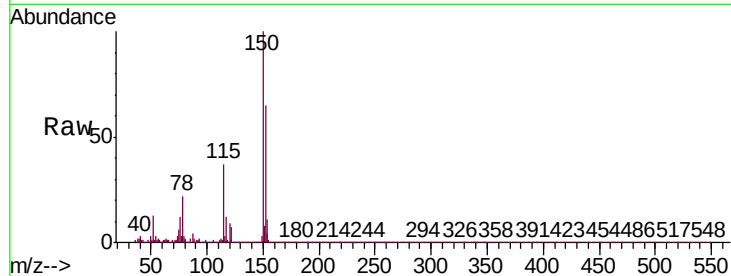
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 801
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	125.2	187.8
115	56.4	49.7	74.5

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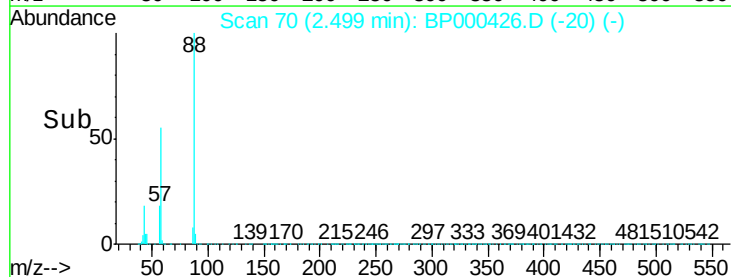
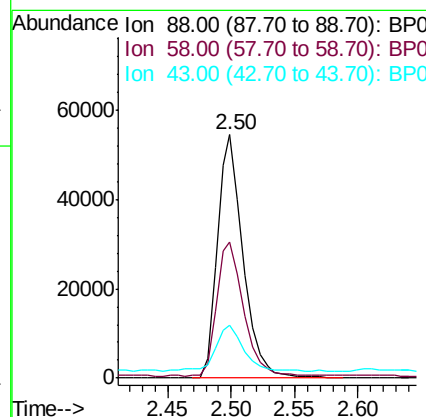
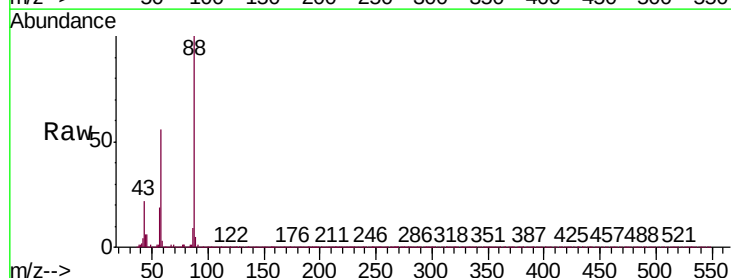
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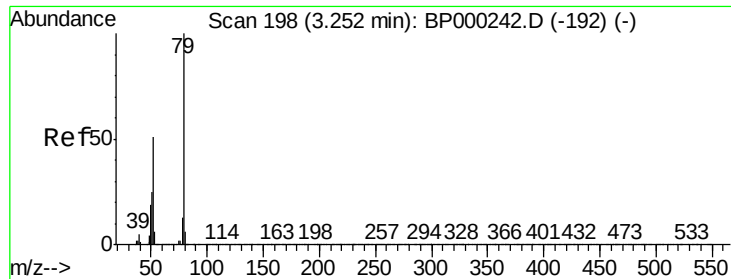


#2

1,4-Dioxane
Concen: 12.694 ng
RT: 2.50 min Scan# 70
Delta R.T. -0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	57.2	45.4	68.2
43	20.6	15.0	22.6





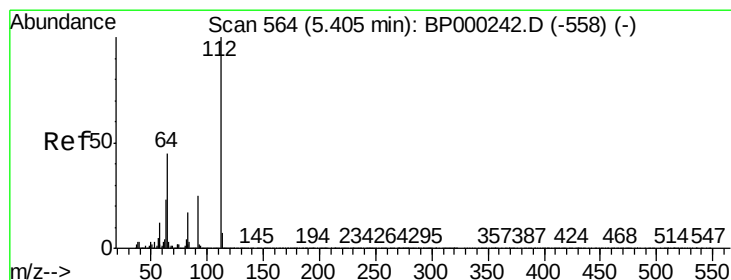
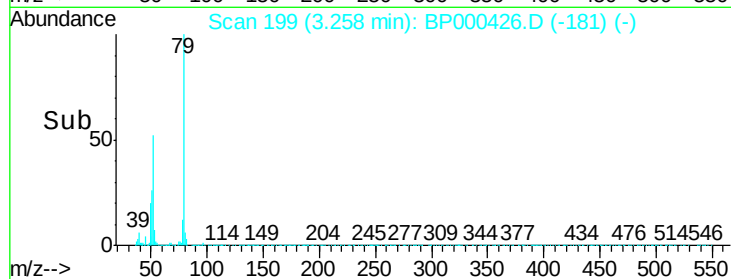
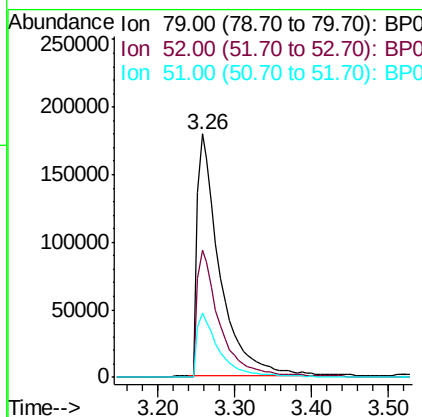
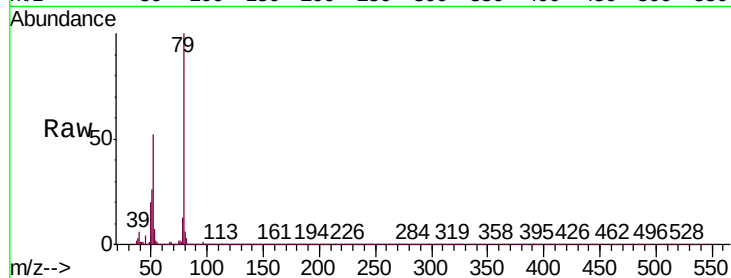
#3
Pyridine
Concen: 22.480 ng
RT: 3.26 min Scan# 199
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion	Ratio	Lower	Upper
79	100		
52	52.3	40.9	61.3
51	26.4	20.2	30.2

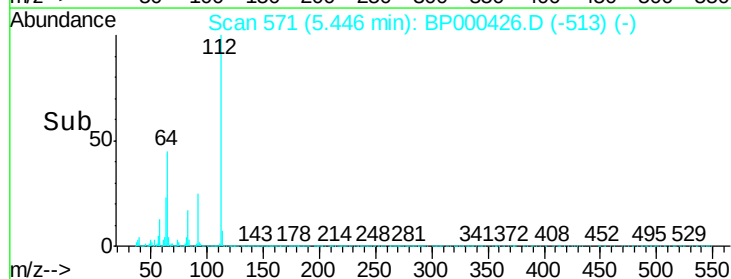
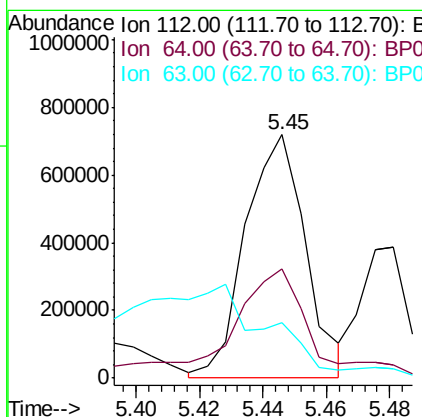
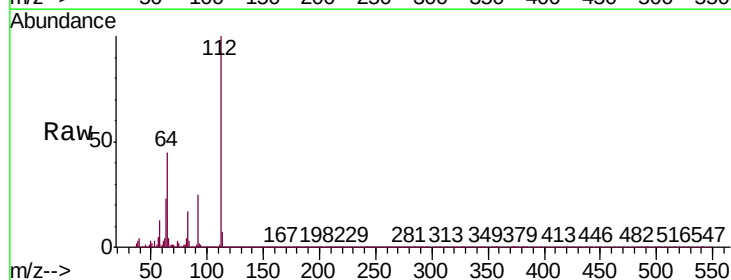
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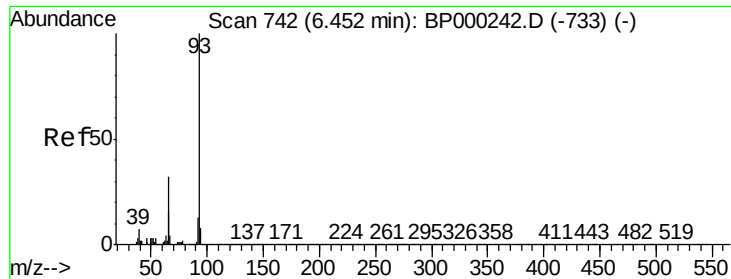
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#5
2-Fluorophenol
Concen: 70.161 ng
RT: 5.45 min Scan# 571
Delta R.T. 0.04 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.7	36.2	54.4
63	22.9	18.3	27.5





#6

Aniline

Concen: 25.031 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion: 93 Resp: 570054

Ion Ratio Lower Upper

93 100

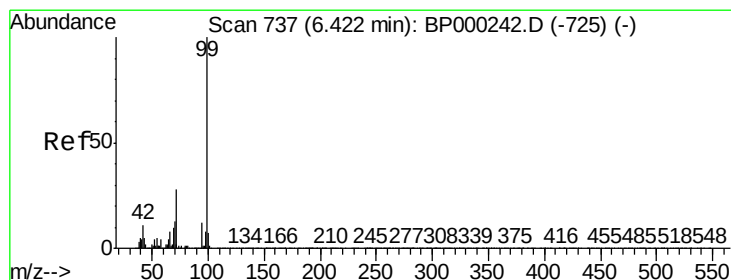
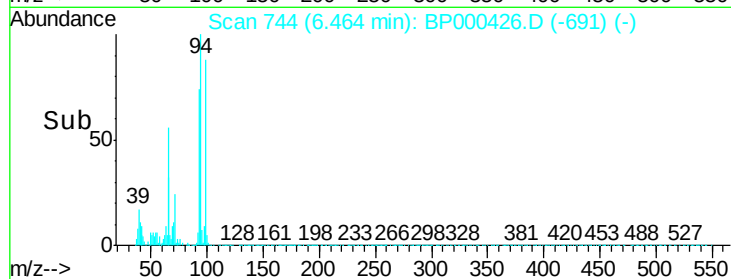
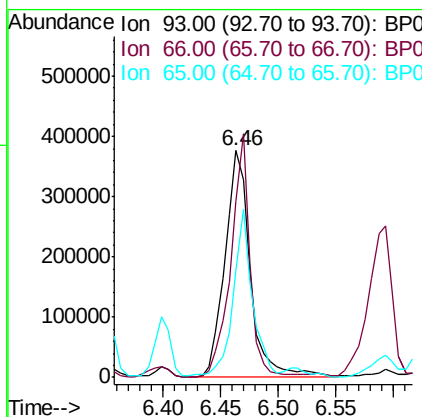
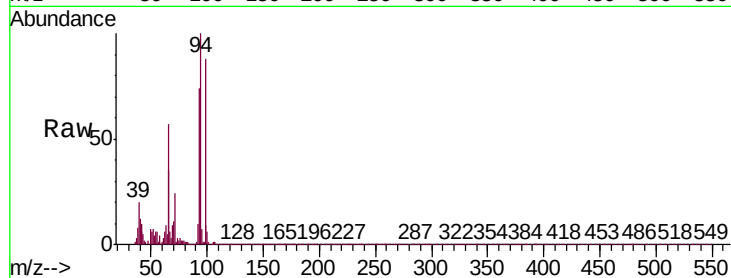
66 77.5 26.2 39.2#

65 47.1 12.7 19.1#

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#7

Phenol-d6

Concen: 62.747 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.04 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

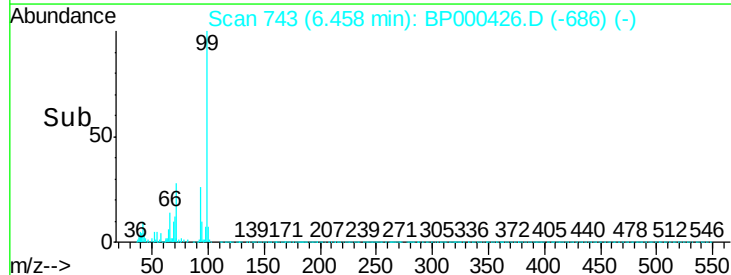
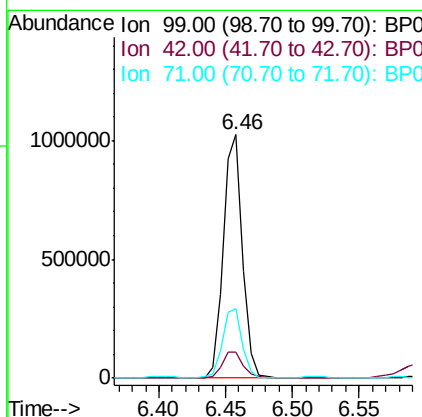
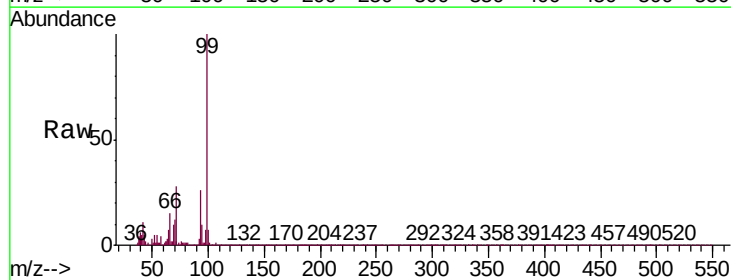
Tgt Ion: 99 Resp: 1036418

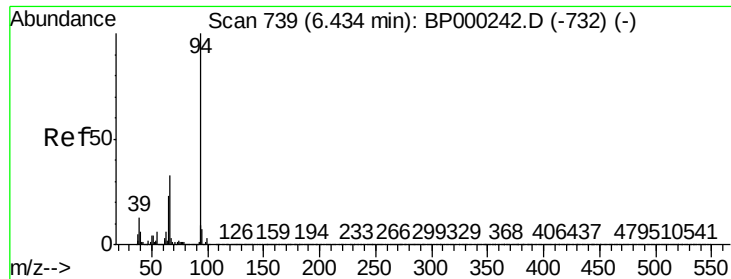
Ion Ratio Lower Upper

99 100

42 10.7 8.5 12.7

71 28.5 22.6 34.0





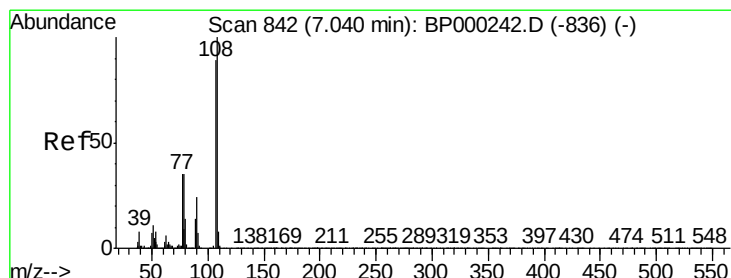
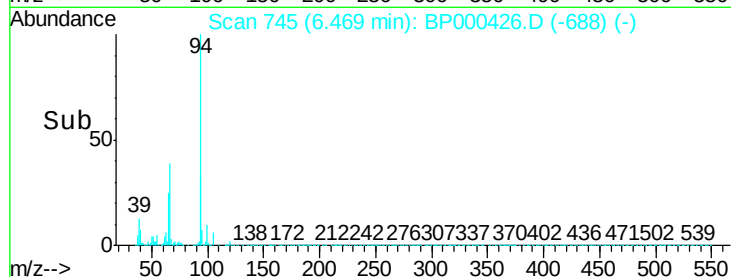
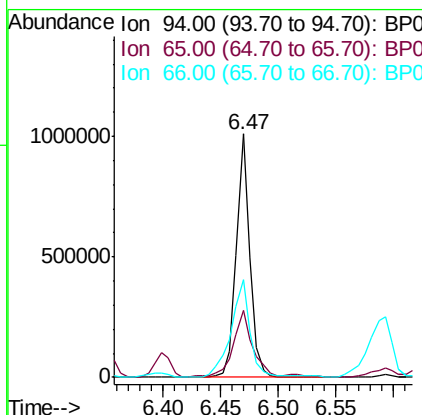
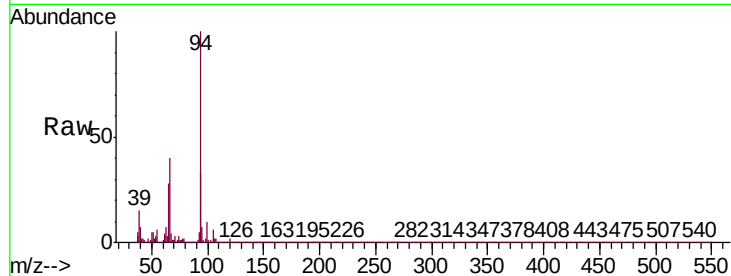
#10
Phenol
Concen: 43.634 ng
RT: 6.47 min Scan# 745
Delta R.T. 0.04 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	818848		
65	27.6	3.3	43.3	
66	40.0	12.7	52.7	

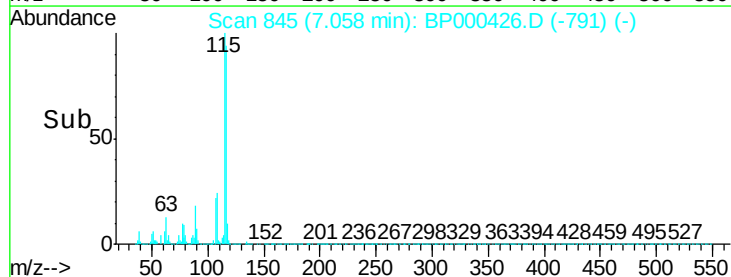
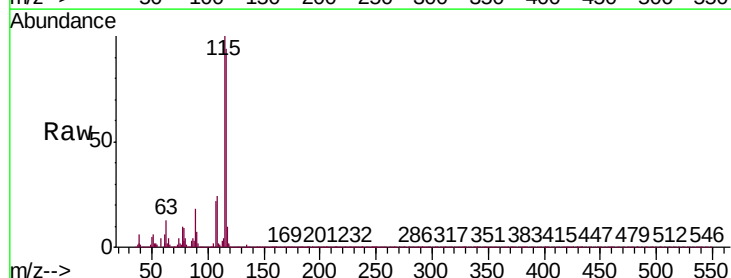
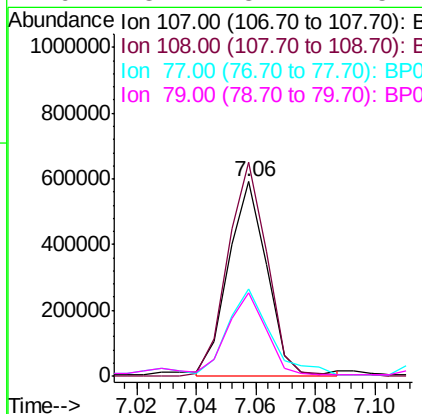
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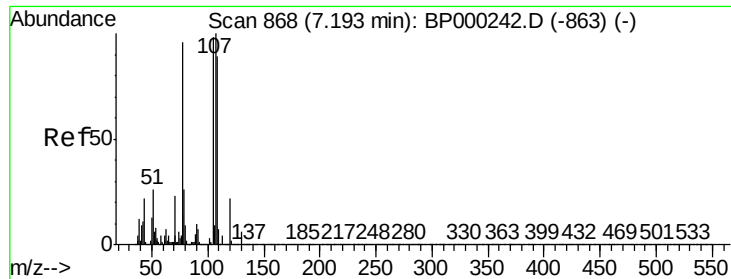
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#17
2-Methylphenol
Concen: 43.474 ng m
RT: 7.06 min Scan# 845
Delta R.T. 0.02 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	540284		
108	110.0	90.1	135.1	
77	45.1	31.5	47.3	
79	43.1	32.2	48.2	





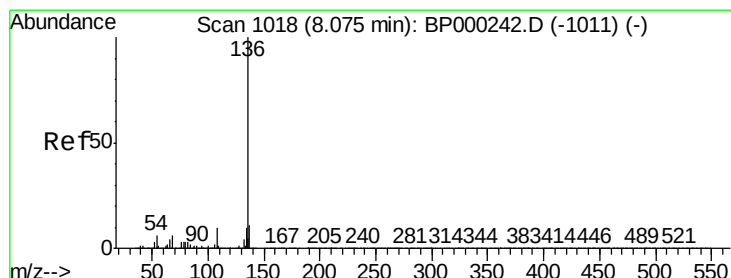
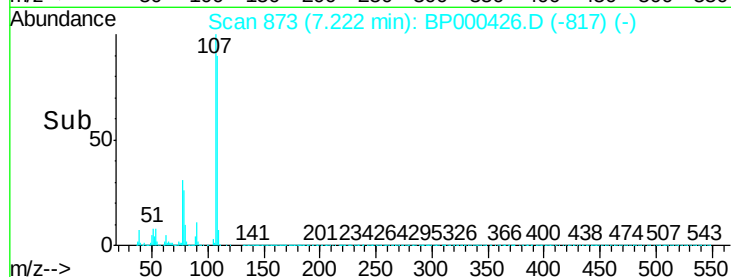
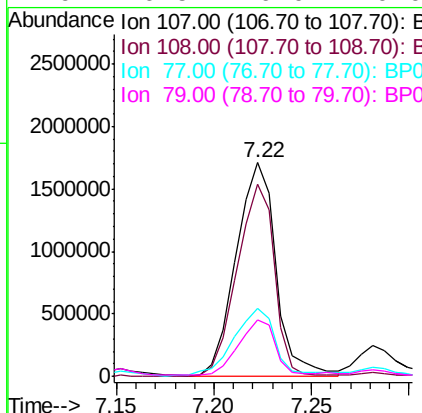
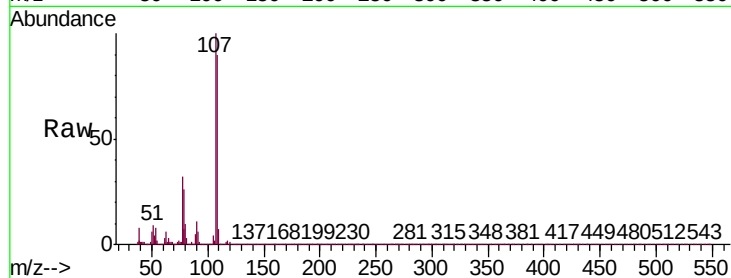
#20
3+4-Methylphenols
Concen: 160.893 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.03 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion	Ratio	Lower	Upper
107	100		
108	89.7	68.8	108.8
77	32.0	75.7	115.7#
79	26.5	6.0	46.0

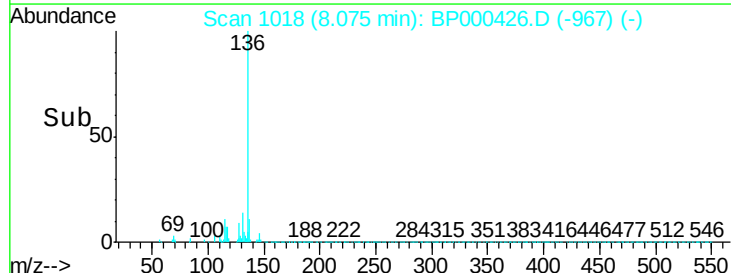
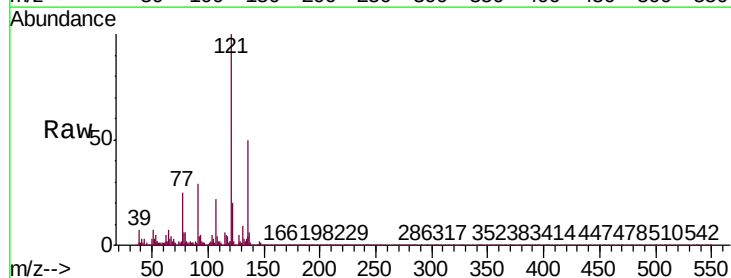
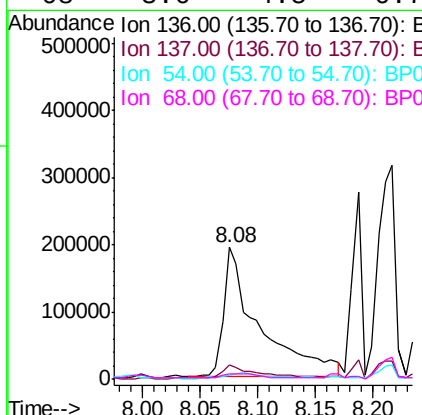
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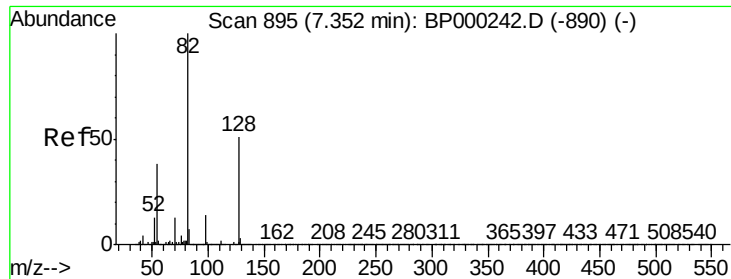
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#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.08 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	3.0	4.5	6.7#
68	3.6	4.5	6.7#





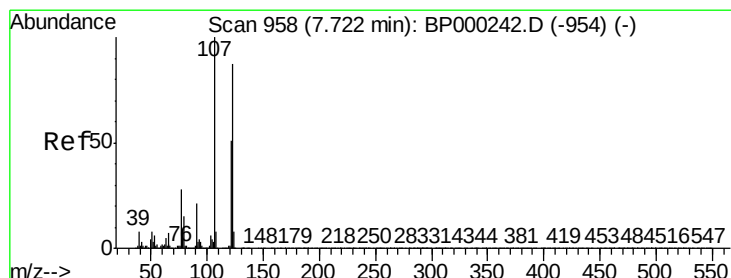
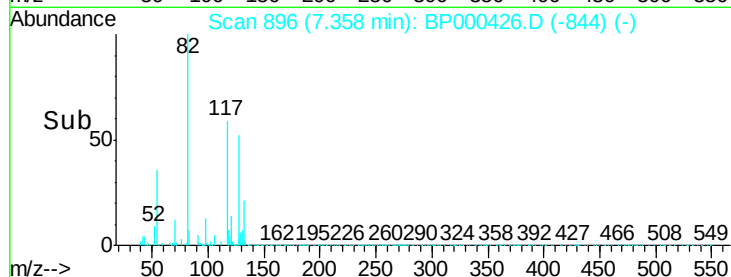
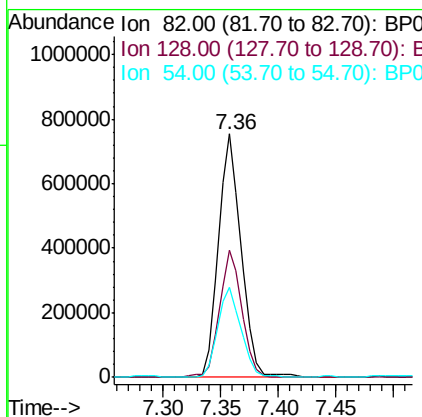
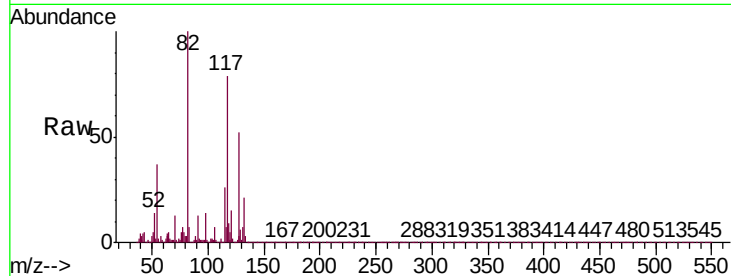
#23
 Nitrobenzene-d5
 Concen: 157.737 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.01 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

Instrument :
 BNA_P
 ClientSampleId :
 QNWP8-MW26S-GW

Tgt Ion: 82 Resp: 1019386
 Ion Ratio Lower Upper
 82 100
 128 52.1 40.7 61.1
 54 37.2 30.1 45.1

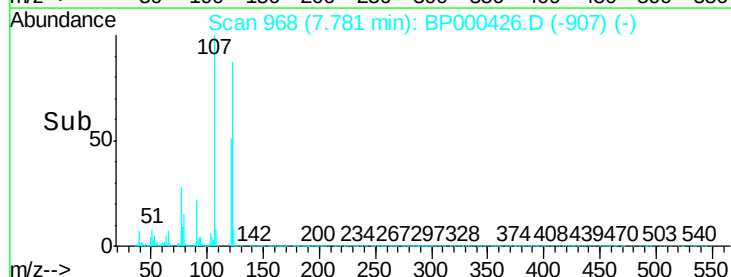
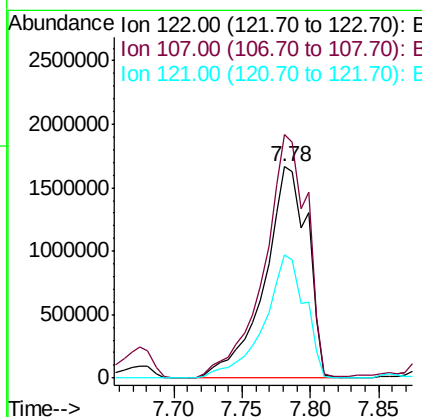
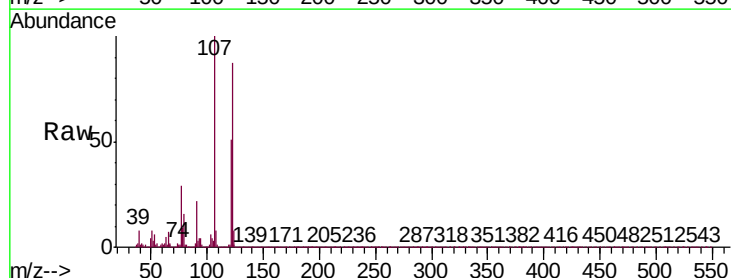
Manual Integrations
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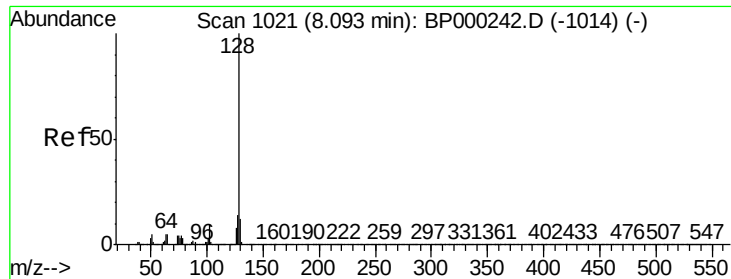
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#27
 2,4-Dimethylphenol
 Concen: 651.757 ng m
 RT: 7.78 min Scan# 968
 Delta R.T. 0.06 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

Tgt Ion: 122 Resp: 3694426
 Ion Ratio Lower Upper
 122 100
 107 115.2 91.5 137.3
 121 58.3 46.9 70.3





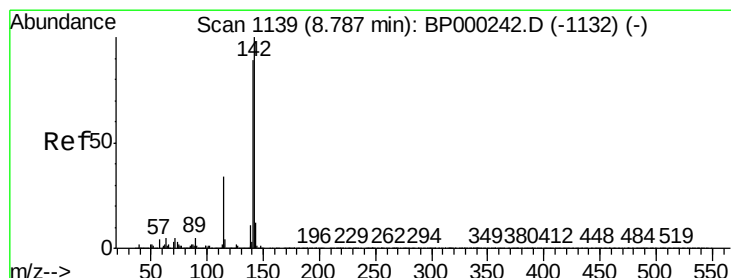
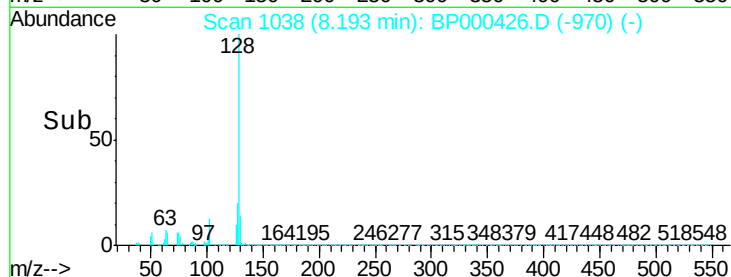
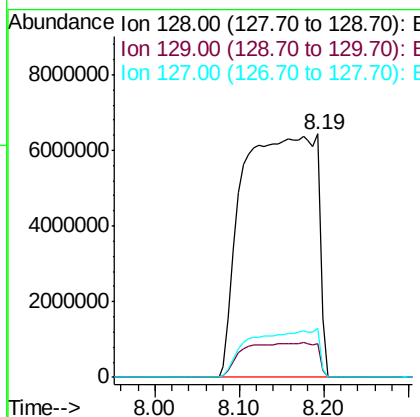
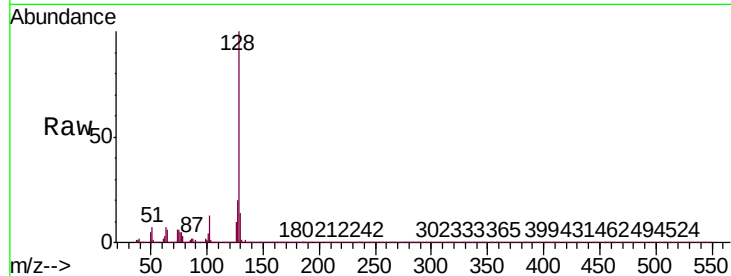
#31
Naphthalene
Concen: 2014.782 ng
RT: 8.19 min Scan# 1038
Delta R.T. 0.10 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion:128 Resp:38907414
Ion Ratio Lower Upper
128 100
129 14.0 9.2 13.8#
127 19.9 11.0 16.6#

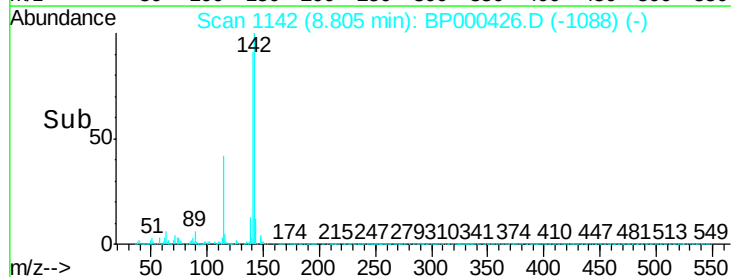
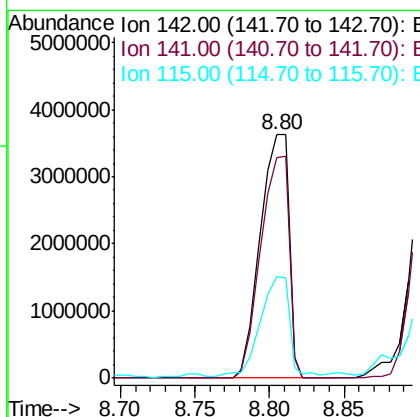
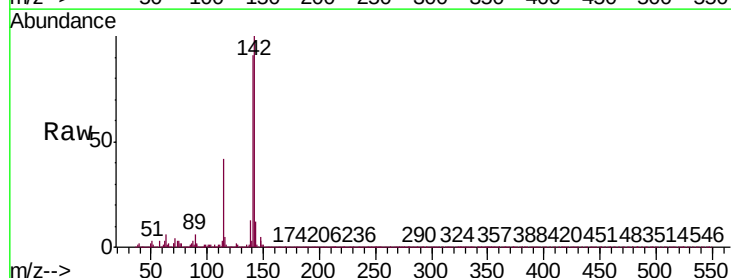
Manual Integrations
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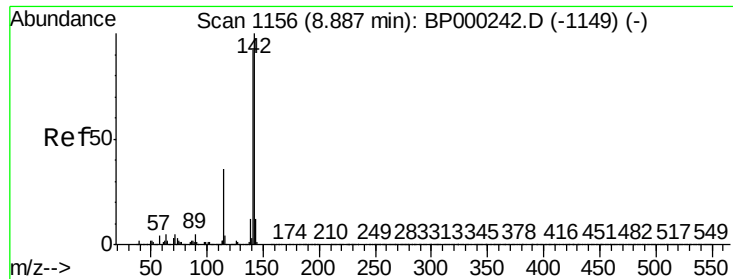
mohammad
9/27/2019 1:46:57 PM



#37
2-Methylnaphthalene
Concen: 362.273 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.02 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion:142 Resp: 4782380
Ion Ratio Lower Upper
142 100
141 90.6 71.3 106.9
115 41.9 27.2 40.8#





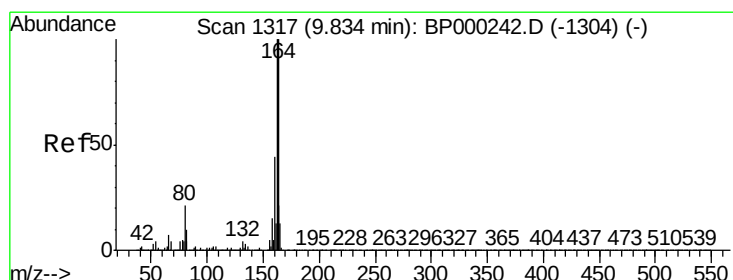
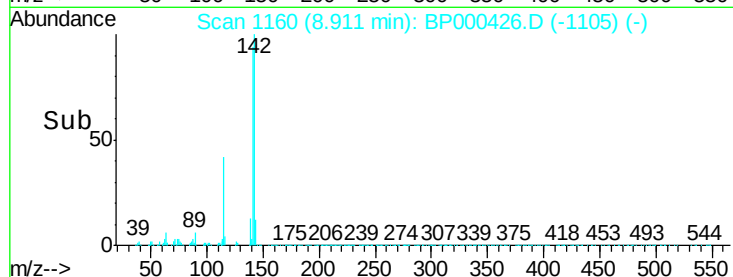
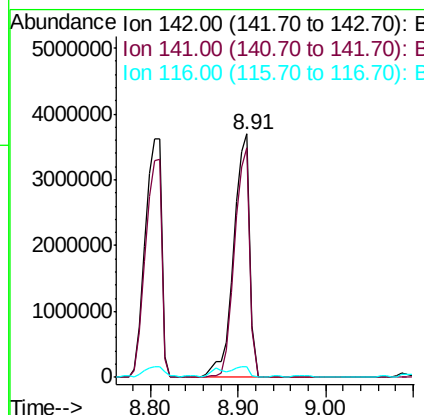
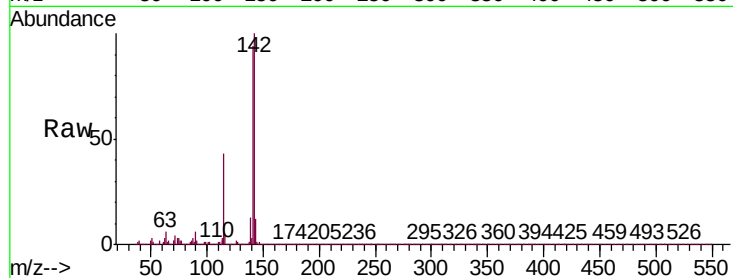
#38
 1-Methylnaphthalene
 Concen: 377.643 ng
 RT: 8.91 min Scan# 1160
 Delta R.T. 0.02 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

Instrument :
 BNA_P
 ClientSampleId :
 QNWP8-MW26S-GW

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.1	73.9	110.9
116	4.6	3.0	4.6

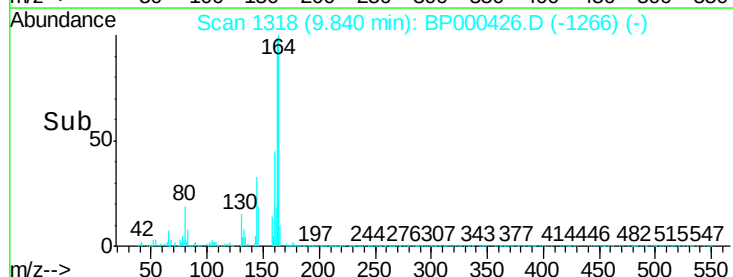
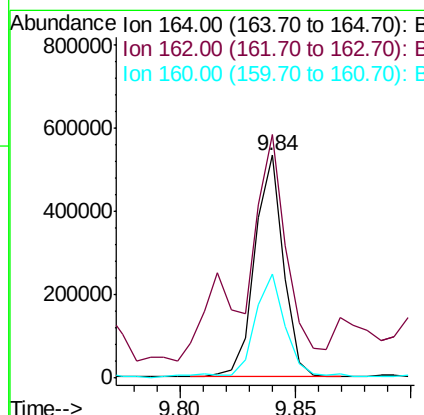
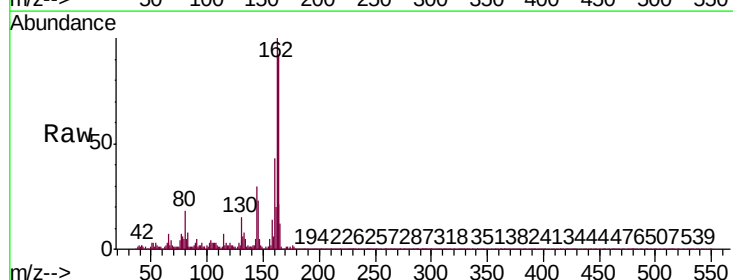
Manual Integrations
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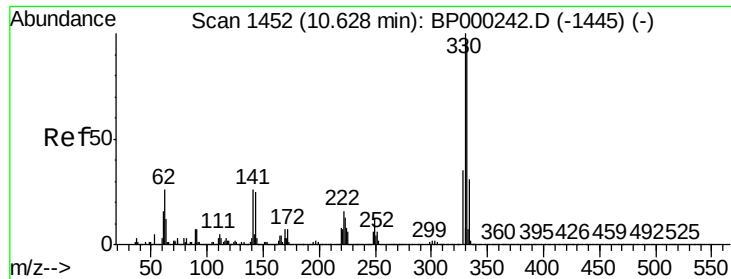
mohammad
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#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.01 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.1	79.9	119.9
160	46.8	35.6	53.4





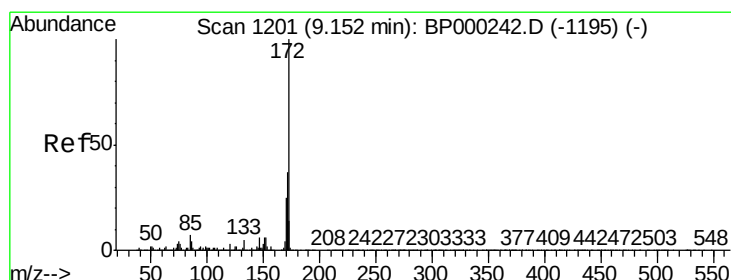
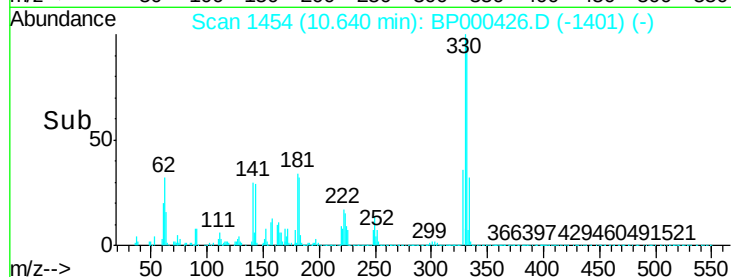
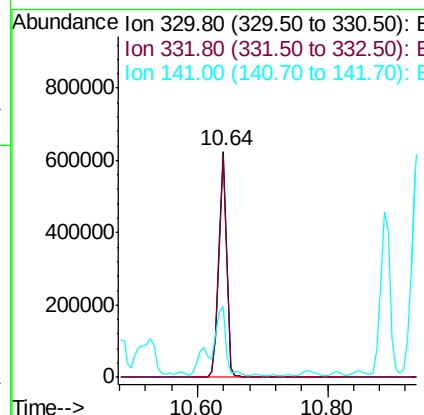
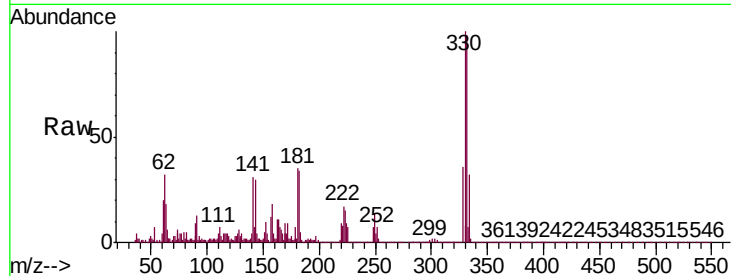
#42
 2,4,6-Tribromophenol
 Concen: 116.842 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.01 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

Instrument :
 BNA_P
 ClientSampleId :
 QNWP8-MW26S-GW

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	533932		
332	96.7	76.6	115.0	
141	37.3	26.5	39.7	

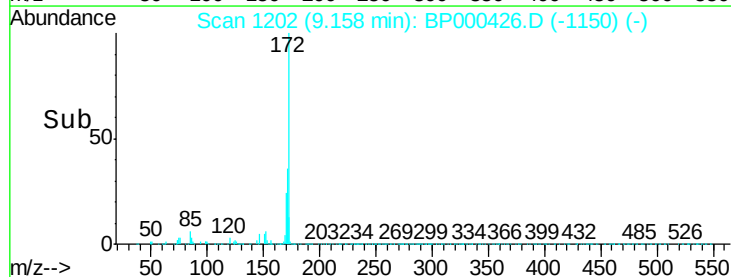
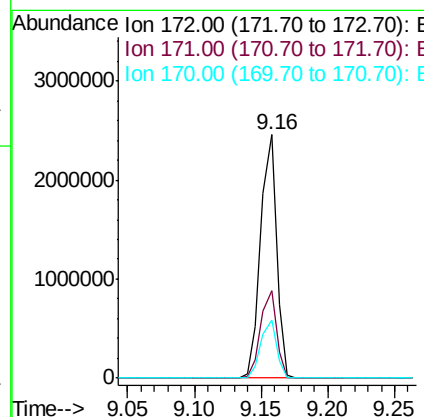
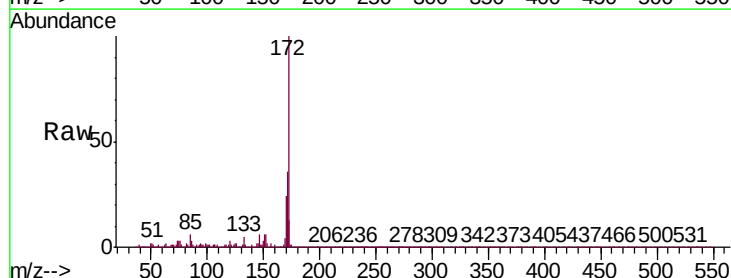
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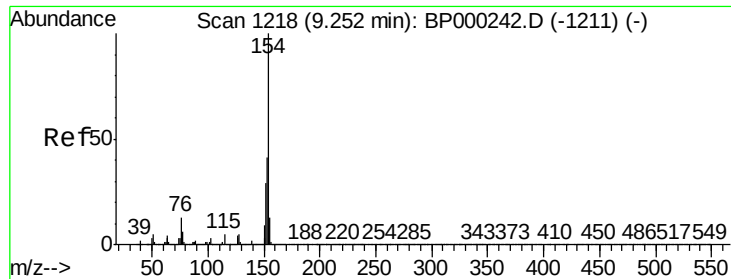
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#45
 2-Fluorobiphenyl
 Concen: 78.126 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BP000426.D
 Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1999895		
171	35.7	29.8	44.6	
170	23.8	19.8	29.6	





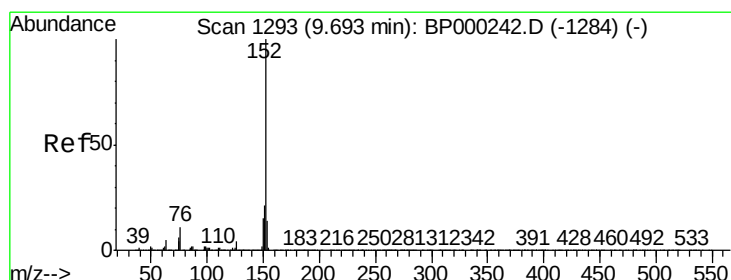
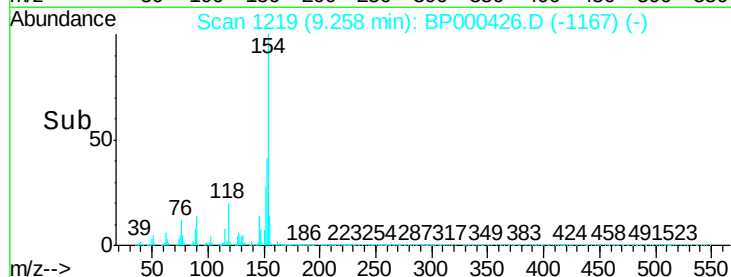
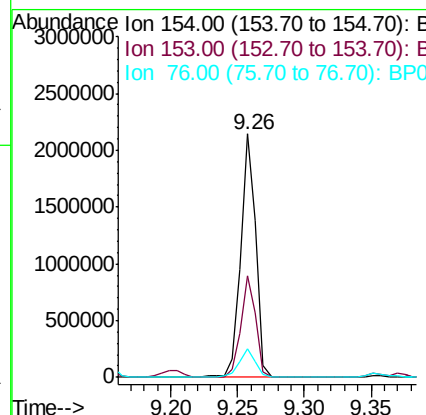
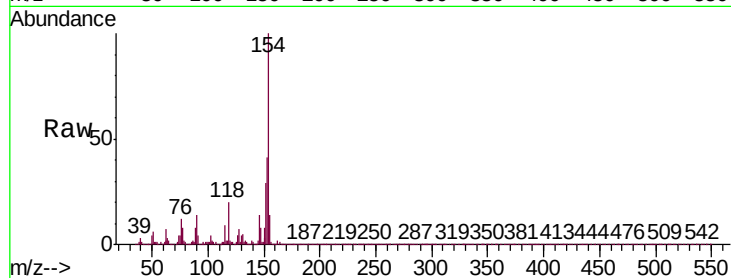
#46
1,1'-Biphenyl
Concen: 52.959 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	21.4	61.4
76	11.8	0.0	33.4

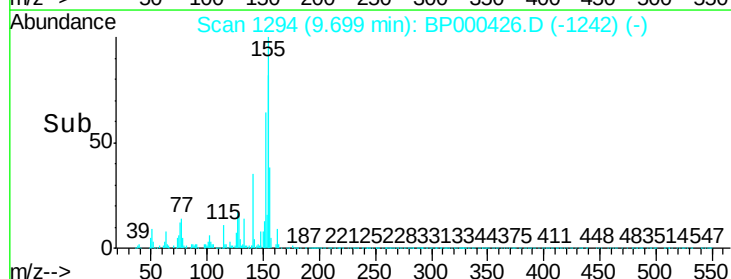
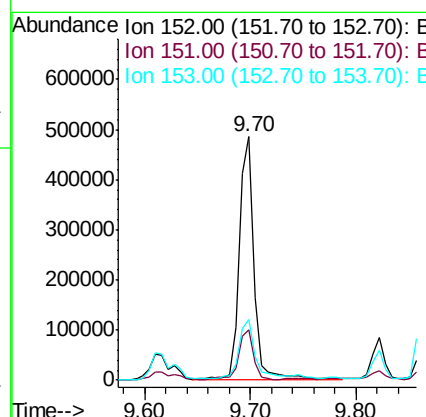
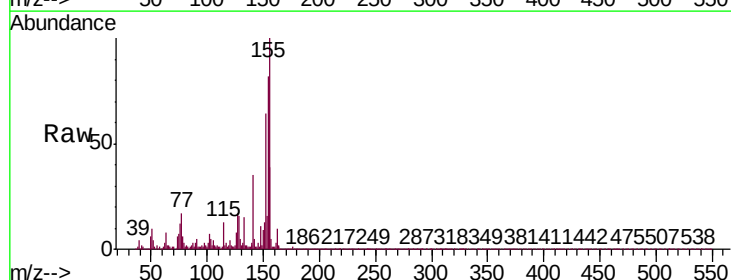
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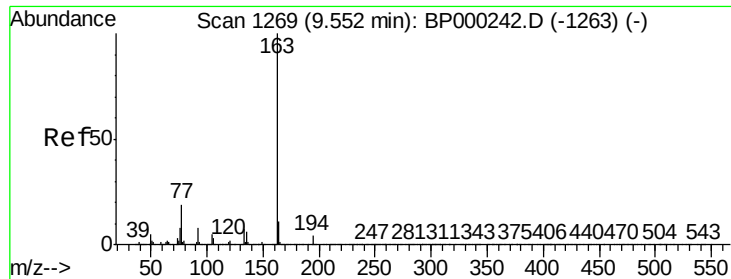
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#49
Acenaphthylene
Concen: 11.204 ng
RT: 9.70 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.4	24.6
153	25.0	11.0	16.4#





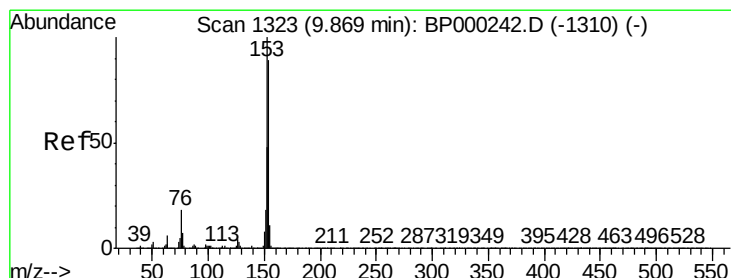
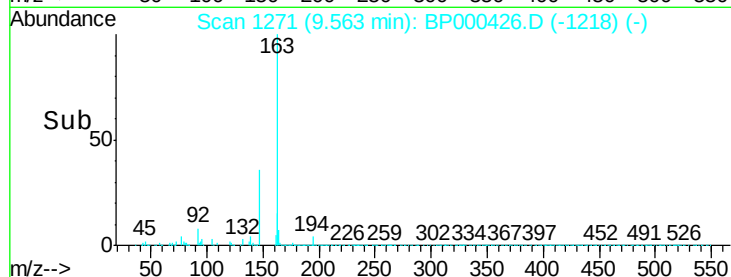
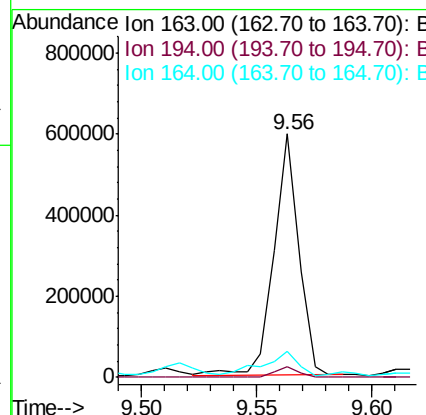
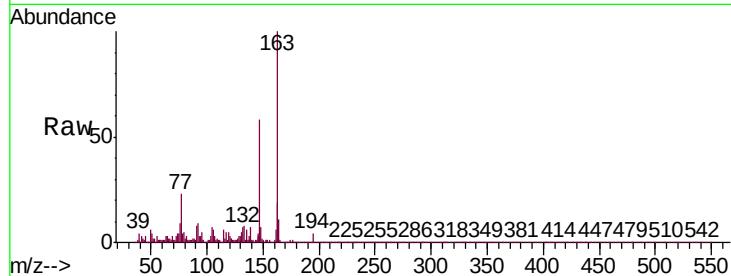
#50
Dimethylphthalate
Concen: 14.218 ng
RT: 9.56 min Scan# 1271
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	446292		
194	4.1	3.4	5.0	
164	10.7	8.5	12.7	

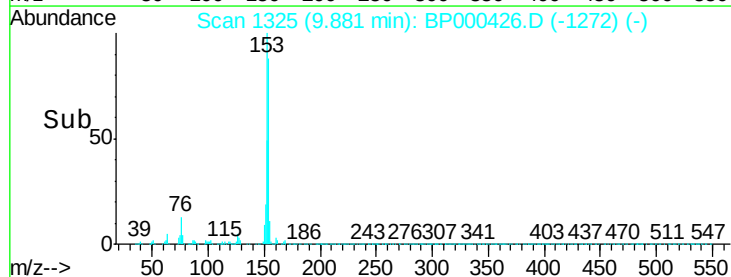
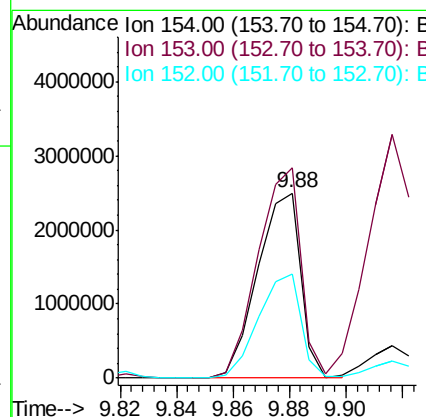
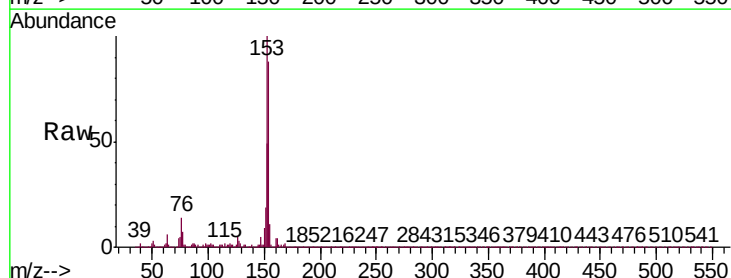
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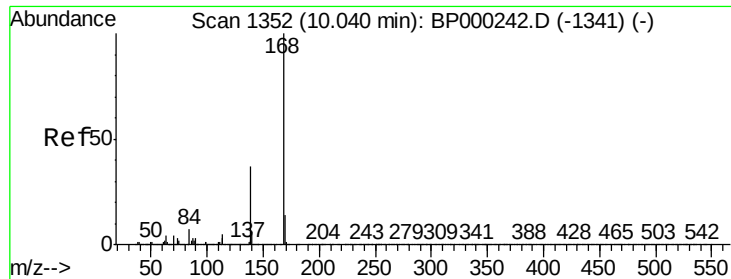
mohammad
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#52
Acenaphthene
Concen: 104.276 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	2644566		
153	113.6	89.8	134.6	
152	55.9	43.4	65.0	





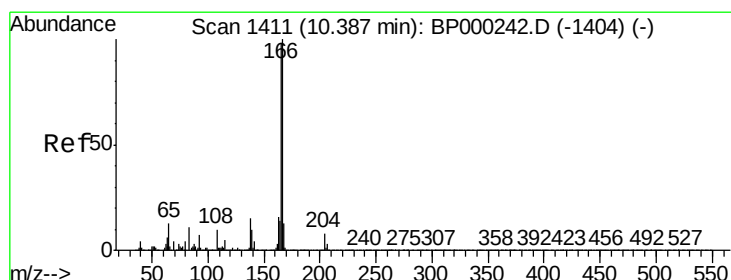
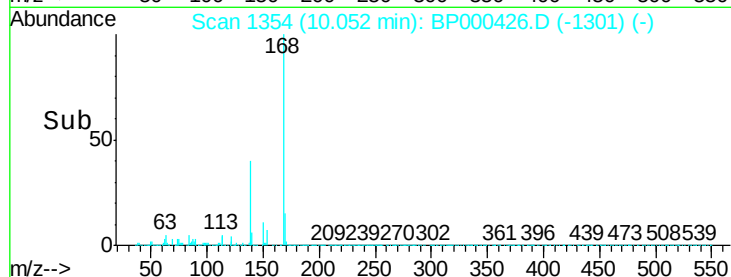
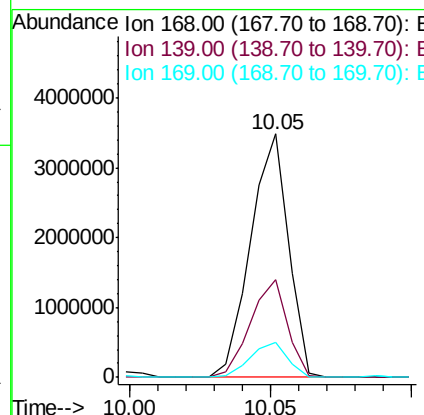
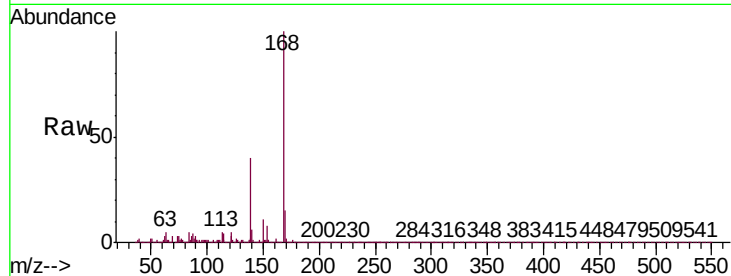
#55
Dibenzofuran
Concen: 90.598 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion	Ratio	Lower	Upper
168	100		
139	40.1	30.0	45.0
169	14.5	11.0	16.6

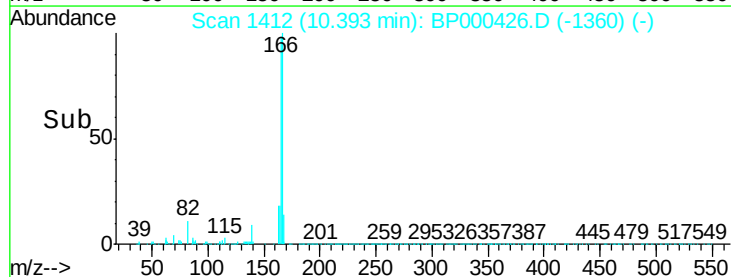
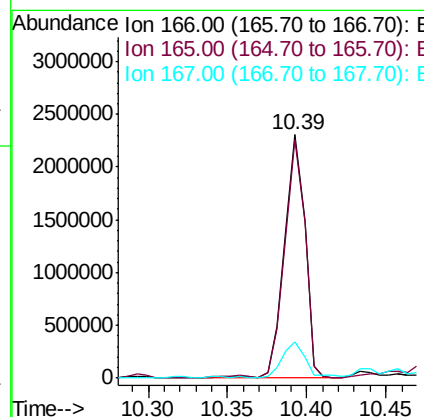
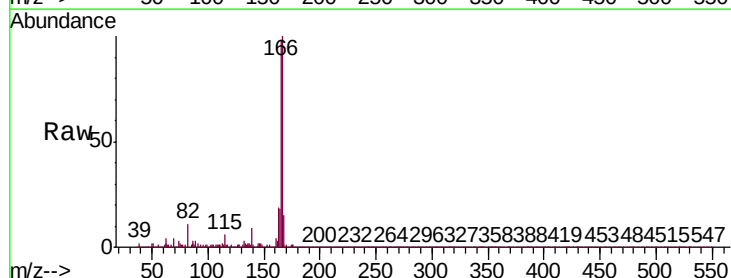
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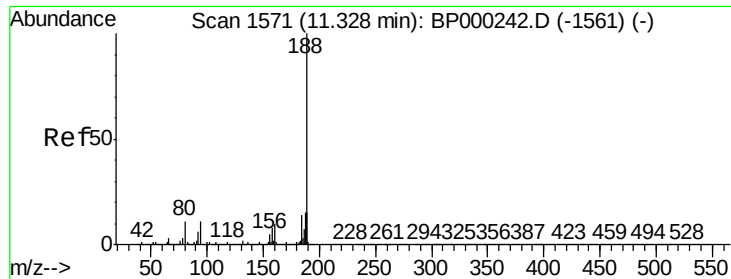
mohammad
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#58
Fluorene
Concen: 75.406 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.2	117.2
167	14.7	10.7	16.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.34 min Scan# 1573

Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

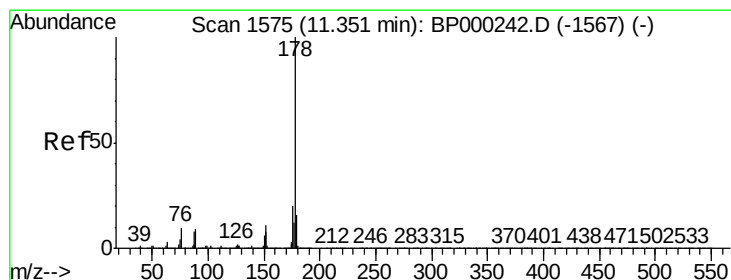
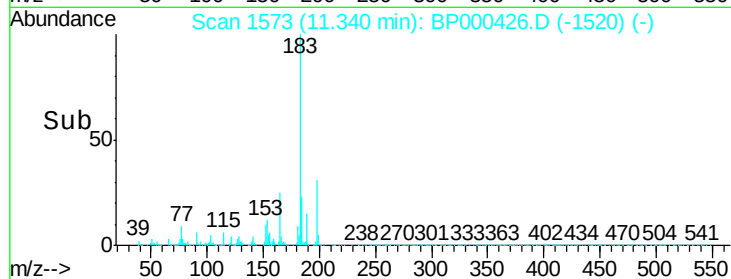
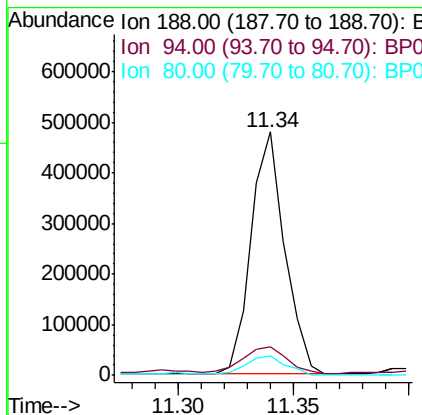
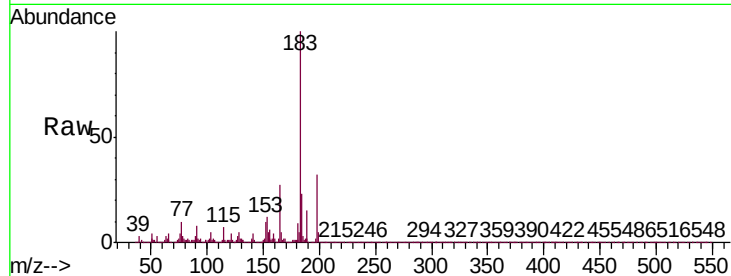
ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion:	188	Resp:	488849
Ion Ratio		Lower	Upper
188	100		
94	11.5	8.5	12.7
80	7.9	8.6	13.0#

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#71

Phenanthrene

Concen: 127.677 ng

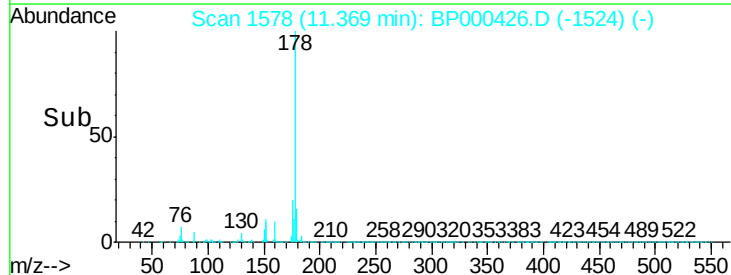
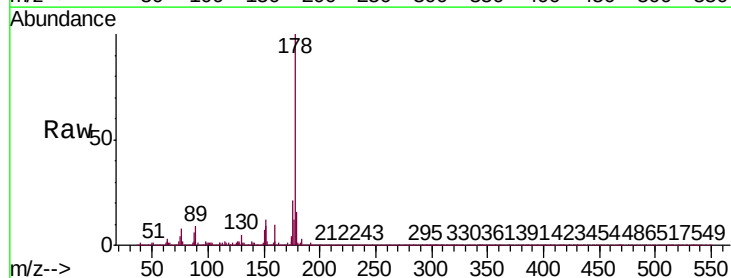
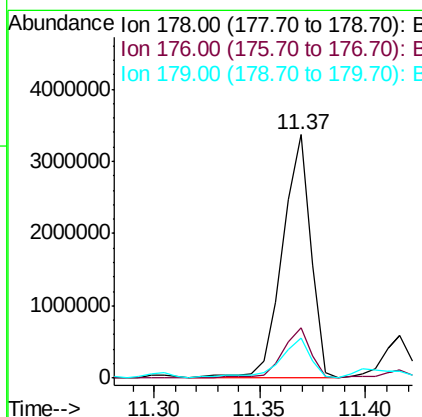
RT: 11.37 min Scan# 1578

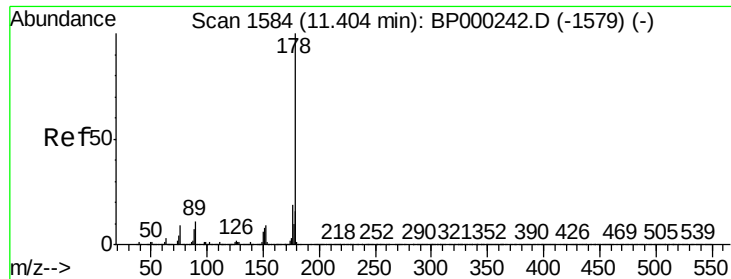
Delta R.T. 0.02 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Tgt Ion:	178	Resp:	3127758
Ion Ratio		Lower	Upper
178	100		
176	20.8	15.8	23.8
179	16.3	12.7	19.1





#72

Anthracene

Concen: 19.963 ng

RT: 11.42 min Scan# 1586

Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

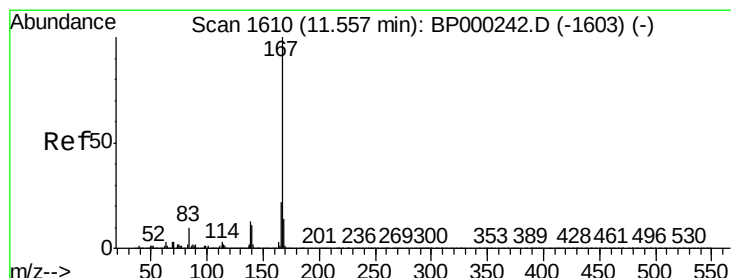
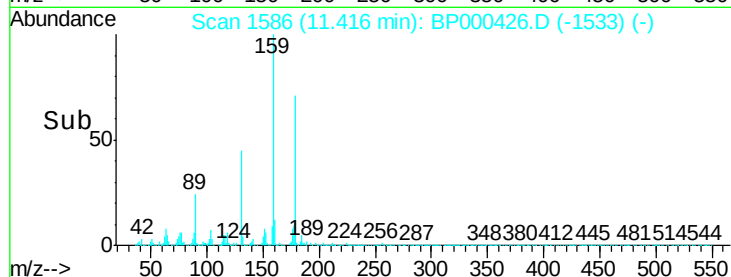
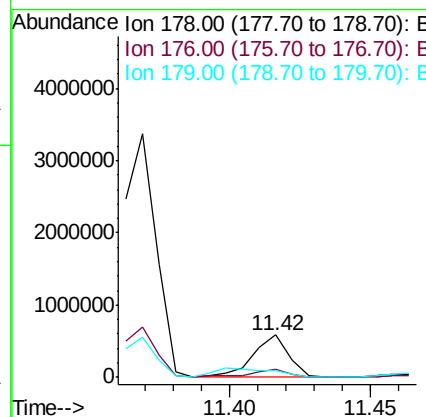
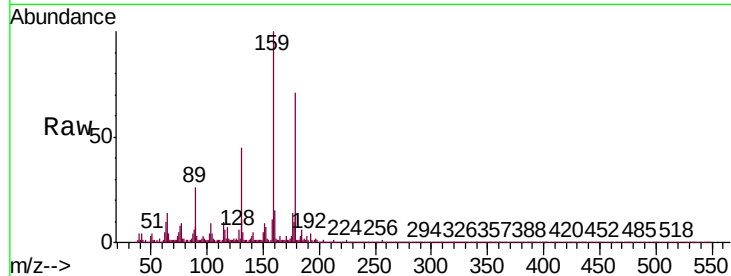
ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion:	178	Resp:	503387
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.0
179	16.4	12.7	19.1

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#73

Carbazole

Concen: 115.424 ng

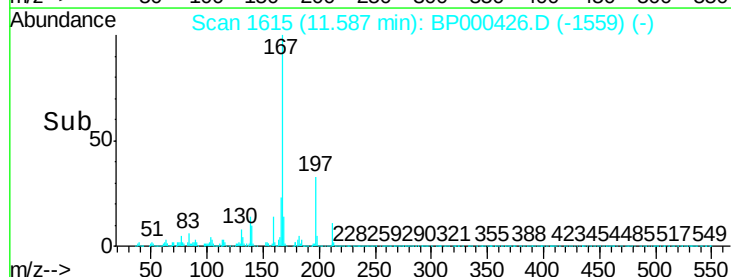
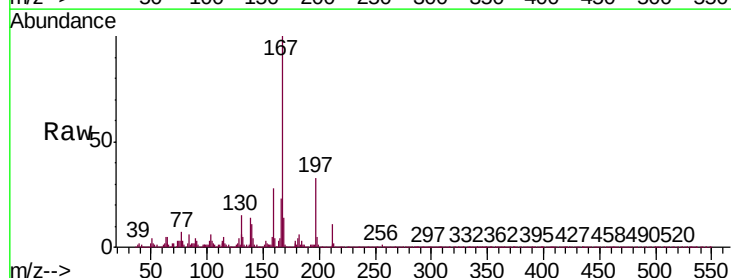
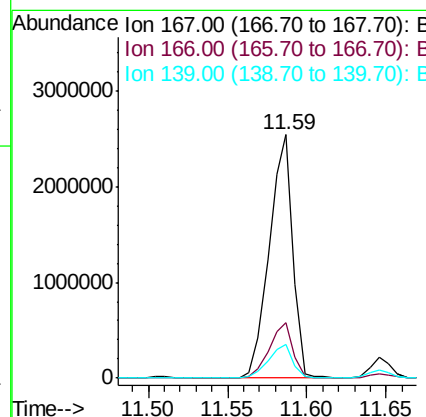
RT: 11.59 min Scan# 1615

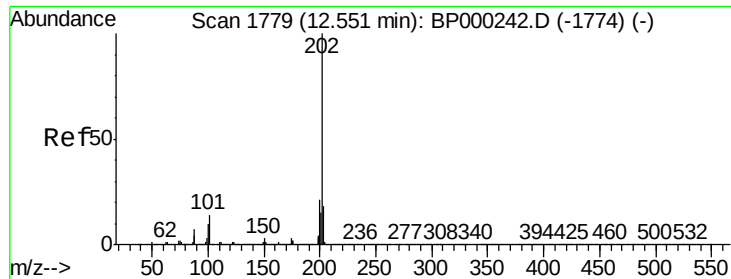
Delta R.T. 0.03 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Tgt Ion:	167	Resp:	2621100
Ion Ratio	Lower	Upper	
167	100		
166	22.9	17.8	26.8
139	13.9	10.8	16.2





#75

Fluoranthene

Concen: 16.363 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.03 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Instrument :

BNA_P

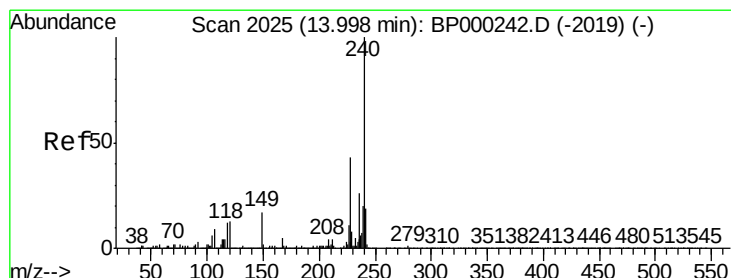
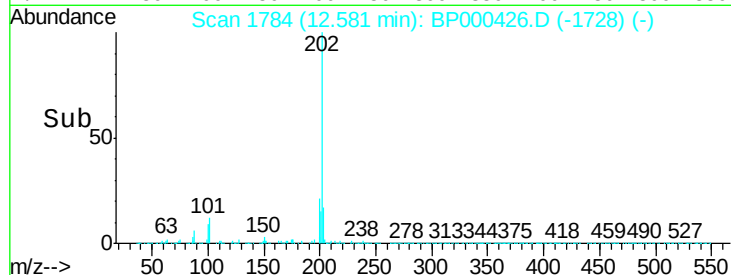
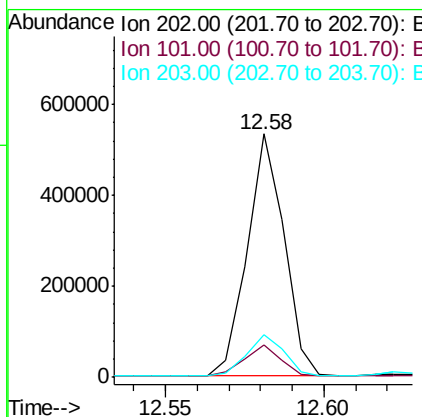
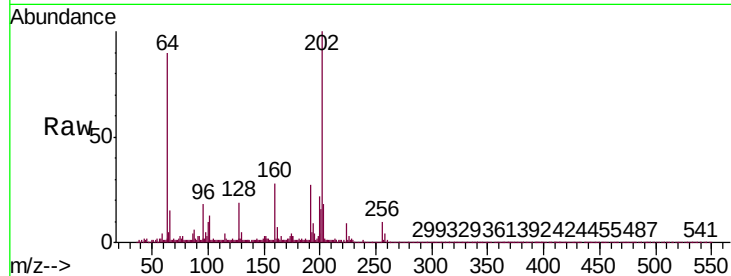
ClientSampleId :

QNWP8-MW26S-GW

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	430440		
101	13.1	0.0	33.9	
203	17.8	0.0	38.0	

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#76

Chrysene-d12

Concen: 20.000 ng

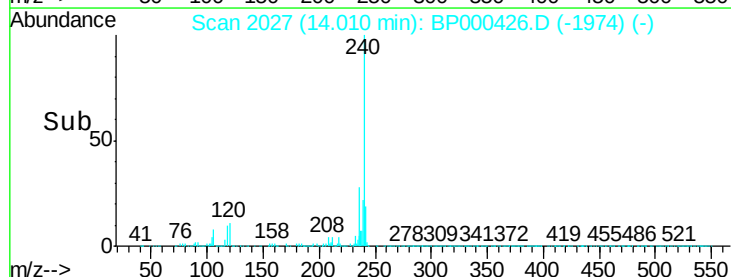
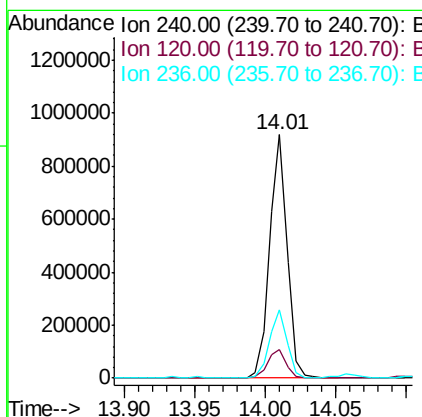
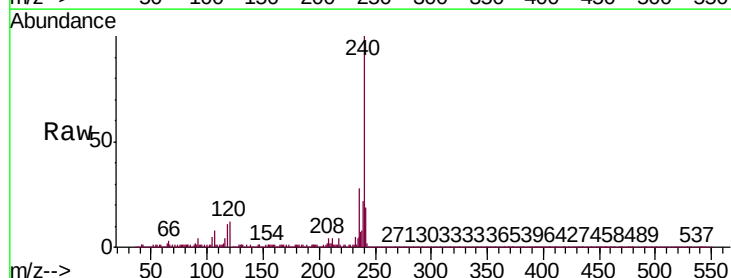
RT: 14.01 min Scan# 2027

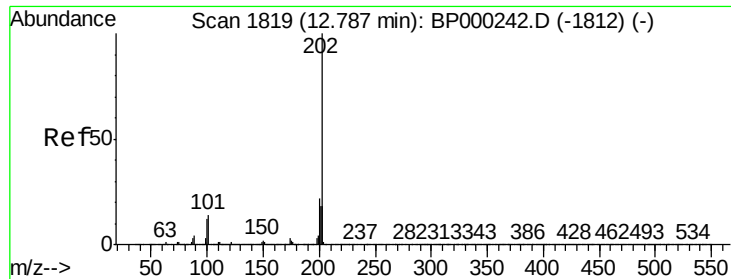
Delta R.T. 0.01 min

Lab File: BP000426.D

Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	796431		
120	11.5	10.4	15.6	
236	27.9	21.0	31.6	





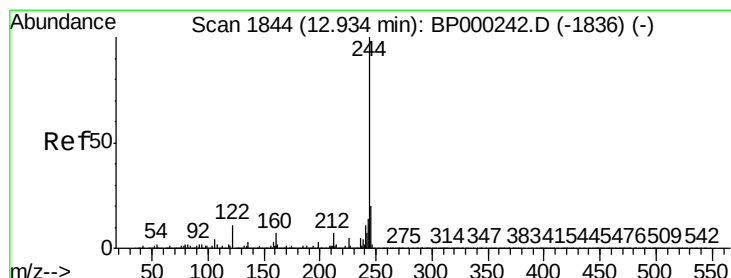
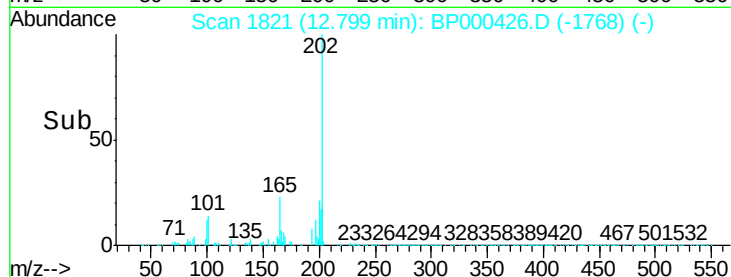
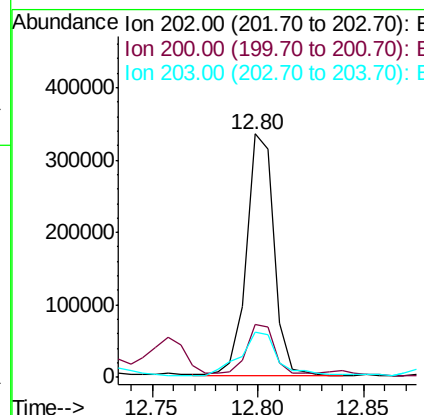
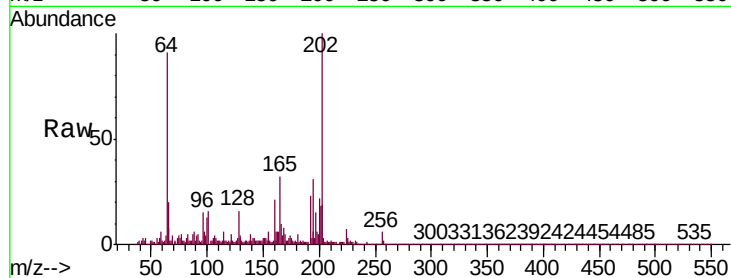
#78
Pyrene
Concen: 5.021 ng
RT: 12.80 min Scan# 1821
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.9	17.5	26.3
203	18.5	14.3	21.5

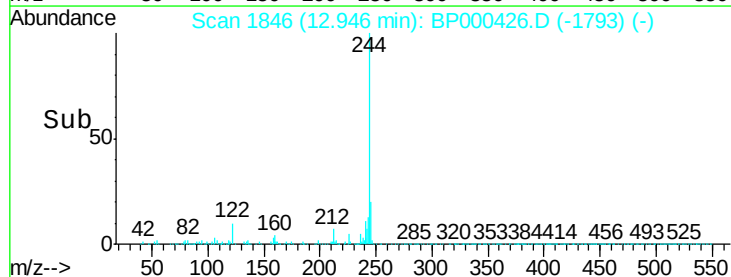
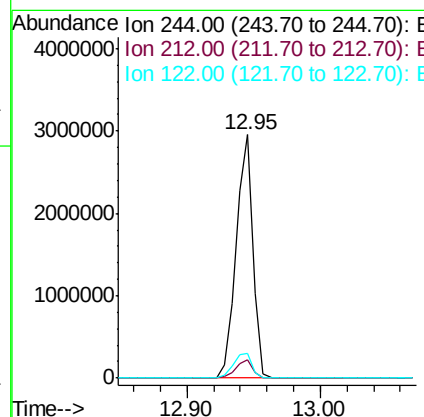
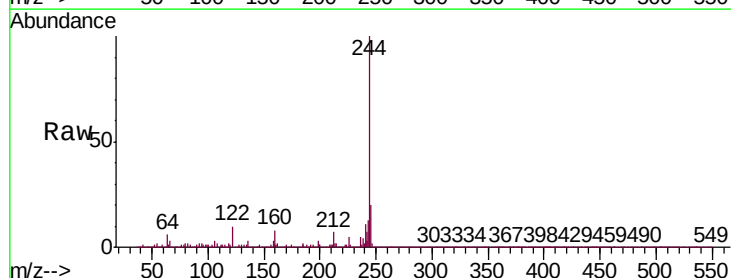
Manual Integrations
APPROVED

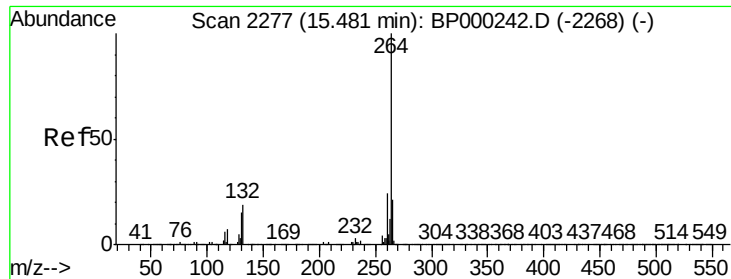
mohammad
9/27/2019 1:46:57 PM



#79
Terphenyl-d14
Concen: 68.917 ng
RT: 12.95 min Scan# 1846
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.4	5.9	8.9
122	10.4	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. 0.01 min
Lab File: BP000426.D
Acq: 26 Sep 2019 16:46

Instrument :
BNA_P
ClientSampleId :
QNWP8-MW26S-GW

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.1	18.9	28.3
265	22.0	17.2	25.8

Manual Integrations
APPROVED

mohammad
9/27/2019 1:46:57 PM

