

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
 Data File : BN002907.D
 Acq On : 03 Oct 2018 19:05
 Operator : MJ/SJ
 Sample : J5116-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLC59

Manual Integrations
 APPROVED

Sohil
 10/4/2018 5:15:07 PM

Quant Time: Oct 04 03:59:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 04 02:50:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	105858	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	483773	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	297210	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	689160	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	758908	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	699998	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	12032	5.24	ng/uL	0.00
5) Phenol-d5	6.82	99	298409	33.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	188624	33.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	251166	33.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	238530	34.26	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	125965	33.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	149513	35.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	260074	33.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	321662	36.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	826129	35.51	ng/ul	0.00
46) Acenaphthylene-d8	13.95	160	1068076	35.16	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	122815	31.93	ng/ul	0.00
57) Fluorene-d10	15.26	176	751595	36.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	135103	31.34	ng/ul	0.00
70) Anthracene-d10	17.11	188	1178835	35.83	ng/ul	0.00
78) Pyrene-d10	19.42	212	1342402	33.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	1312139	35.61	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	6.84	94	22651	2.499	ng/ul 92
28) Naphthalene	10.44	128	68820	2.760	ng/ul# 97
32) Caprolactam	11.35	113	6757m	2.961	ng/ul
34) 2-Methylnaphthalene	12.06	142	45976	2.638	ng/ul 100
44) Dimethylphthalate	13.72	163	245316	10.804	ng/ul 99
49) Acenaphthene	14.32	153	39325	1.945	ng/ul 97
58) Fluorene	15.32	166	42448	1.906	ng/ul# 94
69) Phenanthrene	17.06	178	450384	11.861	ng/ul 100
71) Anthracene	17.15	178	72744	1.889	ng/ul 98
74) Carbazole	17.43	167	41252	1.249	ng/ul 98
75) Di-n-butylphthalate	17.99	149	123423	3.114	ng/ul 99
76) Fluoranthene	19.08	202	658387	16.254	ng/ul 100
79) Pyrene	19.45	202	662249	13.198	ng/ul 98
80) Butylbenzylphthalate	20.36	149	106605	5.106	ng/ul 94
82) Benzo(a)anthracene	21.20	228	340878	7.220	ng/ul 98
83) Bis(2-ethylhexyl)phthalate	21.14	149	527088	17.388	ng/ul 97
84) Chrysene	21.26	228	561273	12.684	ng/ul 97
87) Benzo(b)fluoranthene	22.77	252	646421	15.121	ng/ul# 96
88) Benzo(k)fluoranthene	22.81	252	145661m	3.652	ng/ul
90) Benzo(a)pyrene	23.33	252	318399	7.878	ng/ul 96
91) Indeno(1,2,3-cd)pyrene	25.63	276	231109	4.830	ng/ul 96
92) Dibenzo(a,h)anthracene	25.62	278	59827	1.484	ng/ul# 80
93) Benzo(g,h,i)perylene	26.30	276	202936	5.074	ng/ul 97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

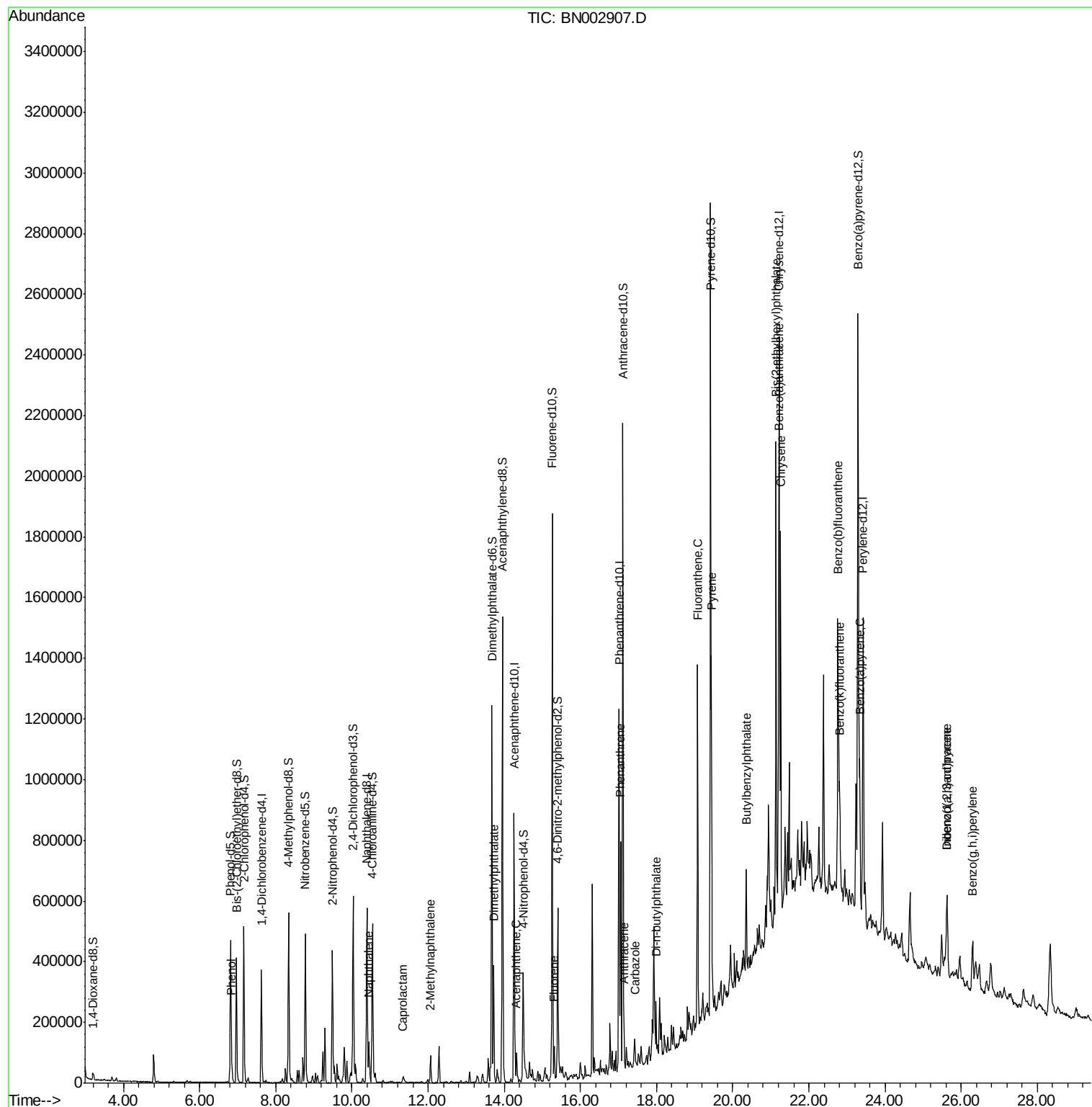
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100418\
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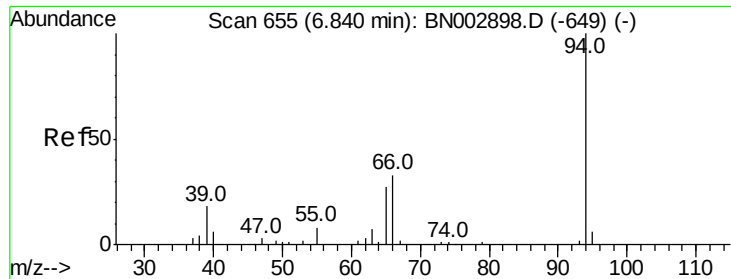
Instrument :
BNA_N
ClientSampled :
JLC59

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APPROVED

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#6

Phenol

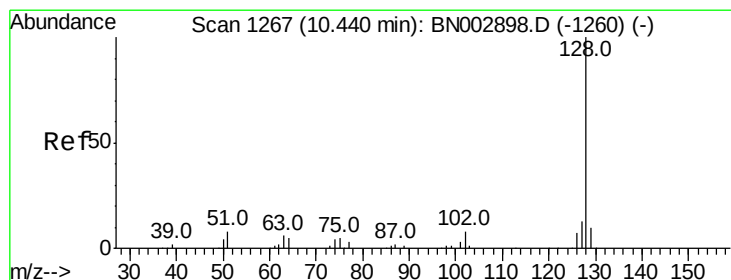
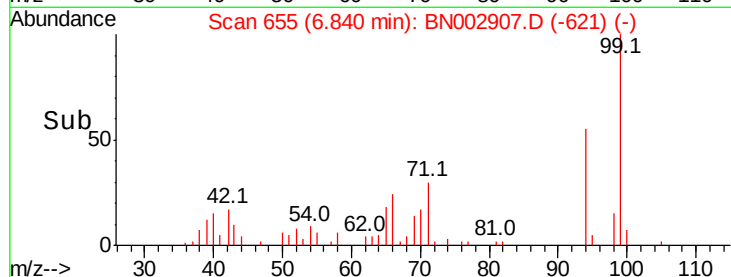
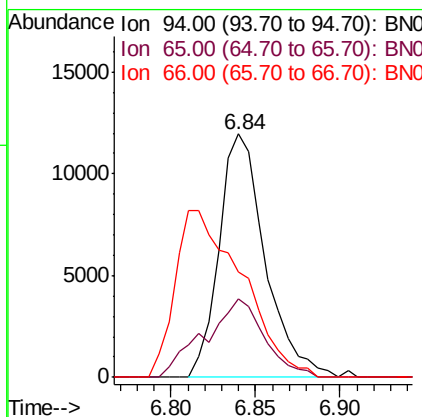
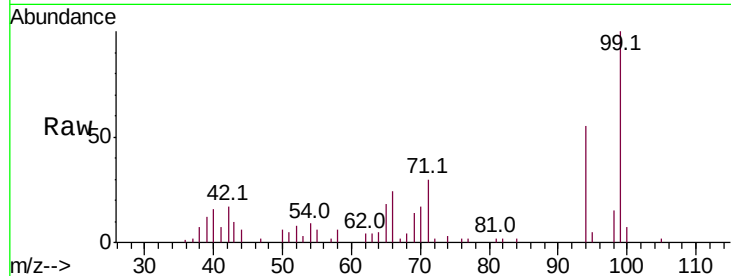
Concen: 2.499 ng/ul
 RT: 6.84 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BN002907.D
 Acq: 03 Oct 2018 19:05

Instrument :
 BNA_N
 ClientSampleId :
 JLC59

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.2	23.1	34.7
66	43.2	29.8	44.6

Manual Integrations
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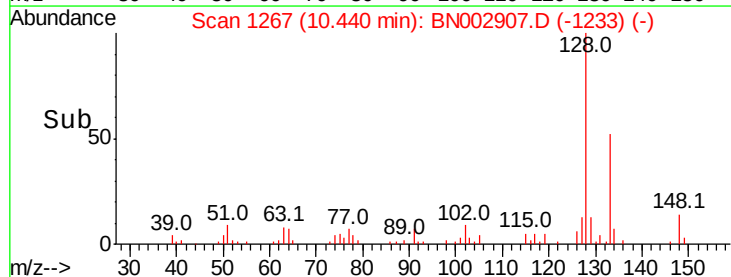
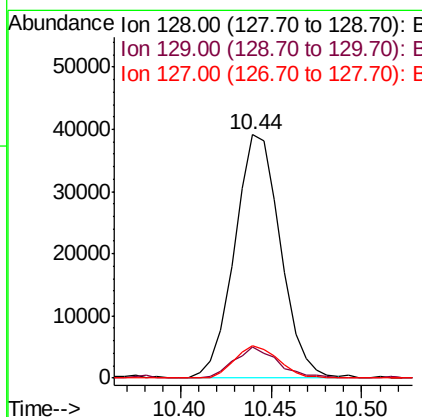
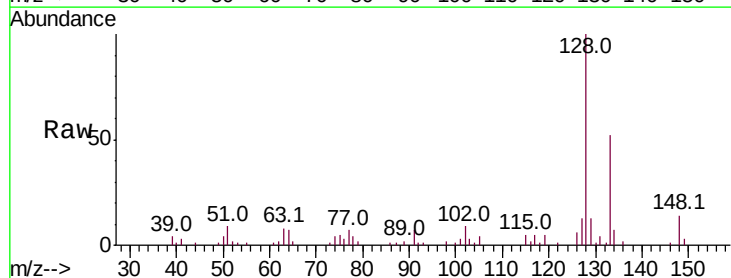


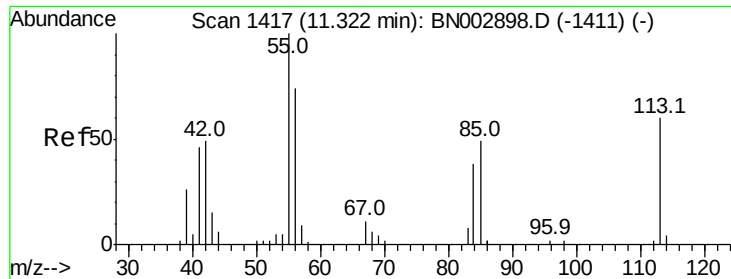
#28

Naphthalene

Concen: 2.760 ng/ul
 RT: 10.44 min Scan# 1267
 Delta R.T. -0.00 min
 Lab File: BN002907.D
 Acq: 03 Oct 2018 19:05

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.3	12.5#
127	13.2	10.5	15.7





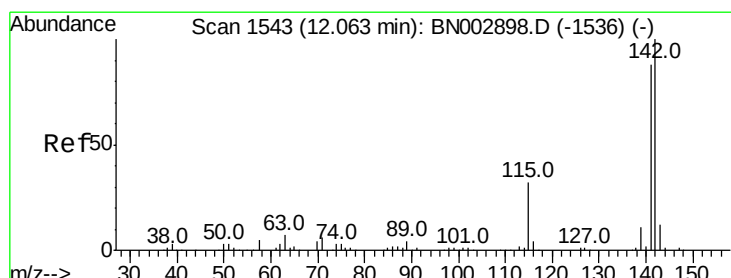
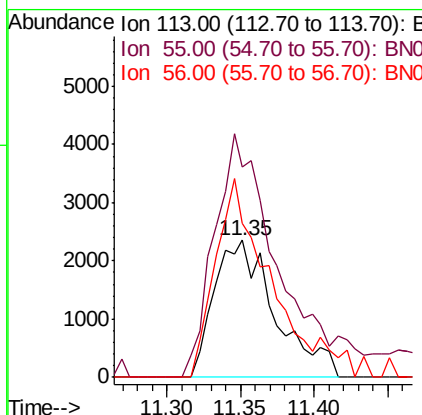
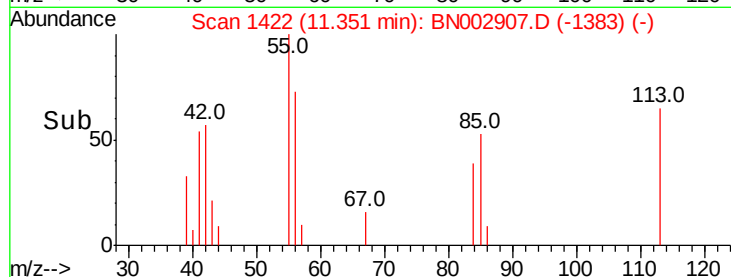
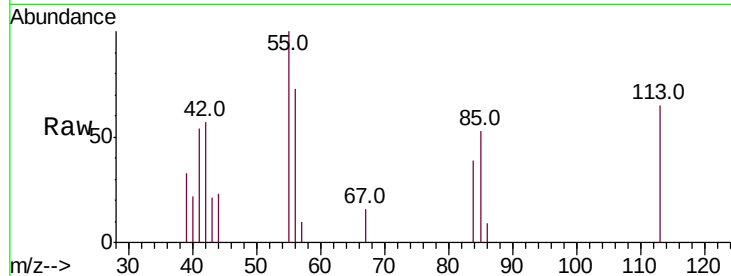
#32
 Caprolactam
 Concen: 2.961 ng/ul m
 RT: 11.35 min Scan# 1422
 Delta R.T. 0.03 min
 Lab File: BN002907.D
 Acq: 03 Oct 2018 19:05

Instrument :
 BNA_N
 ClientSampled :
 JLC59

Tot Ion:113 Resp: 6757
 Ion Ratio Lower Upper
 113 100
 55 154.0 137.0 205.4
 56 112.5 102.4 153.6

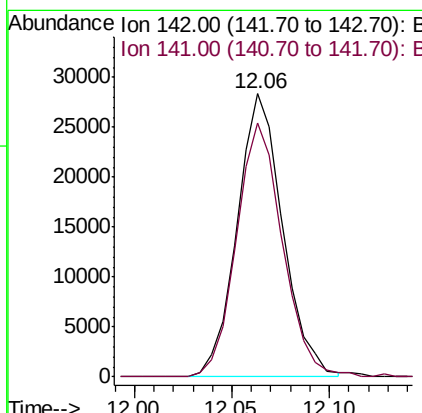
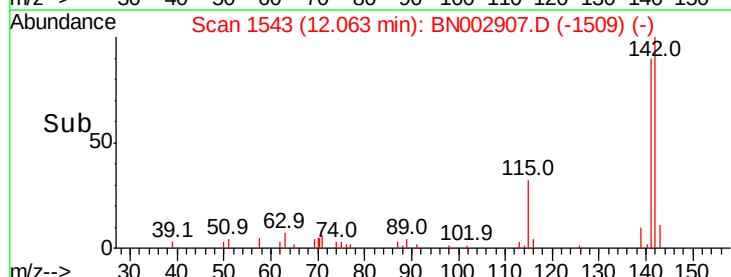
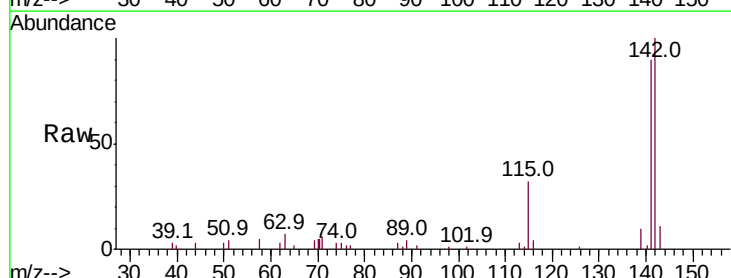
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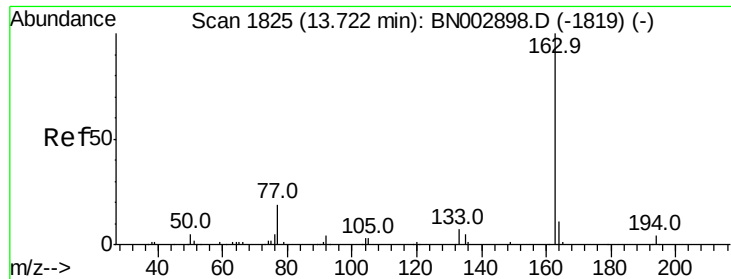
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#34
 2-Methylnaphthalene
 Concen: 2.638 ng/ul
 RT: 12.06 min Scan# 1543
 Delta R.T. -0.00 min
 Lab File: BN002907.D
 Acq: 03 Oct 2018 19:05

Tgt Ion:142 Resp: 45976
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.8 107.8





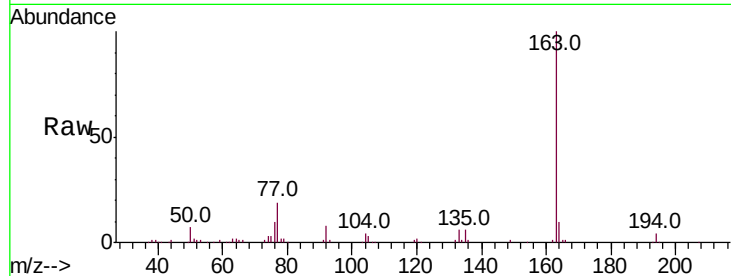
#44
Dimethylphthalate
Concen: 10.804 ng/ul
RT: 13.72 min Scan# 1825
Delta R.T. -0.00 min
Lab File: BN002907.D
Acq: 03 Oct 2018 19:05

Instrument :
BNA_N
ClientSampleId :
JLC59

Tot Ion	Ratio	Resp	Lower	Upper
163	100	245316		
194	4.2		3.5	5.3
164	10.5		8.1	12.1

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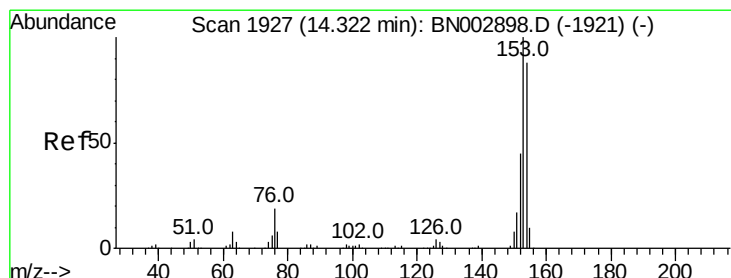
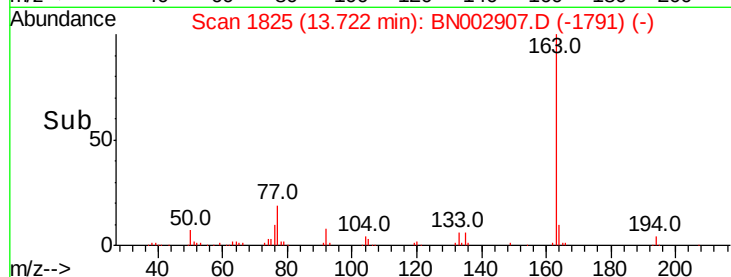
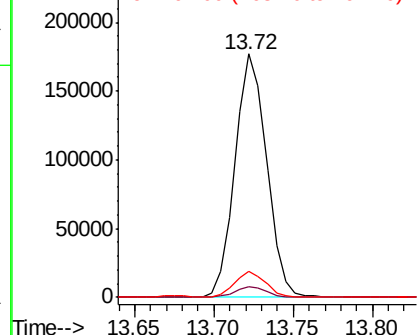


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#49
Acenaphthene
Concen: 1.945 ng/ul
RT: 14.32 min Scan# 1927
Delta R.T. -0.00 min
Lab File: BN002907.D
Acq: 03 Oct 2018 19:05

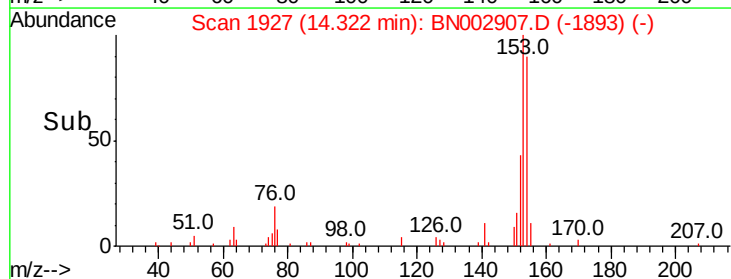
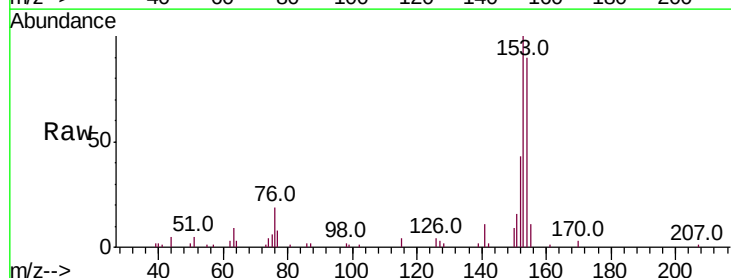
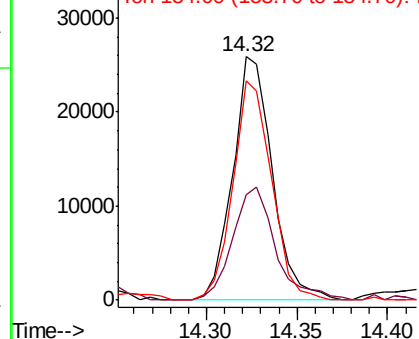
Tgt Ion	Ratio	Resp	Lower	Upper
153	100	39325		
152	43.3		37.8	56.6
154	89.9		70.9	106.3

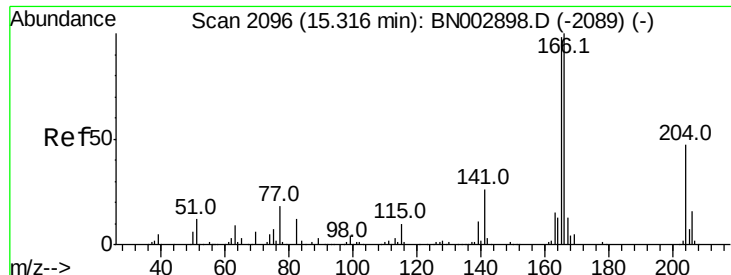
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





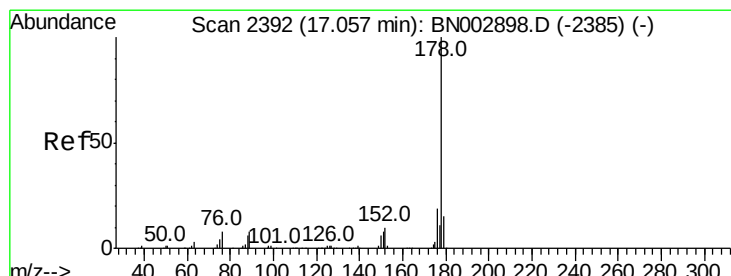
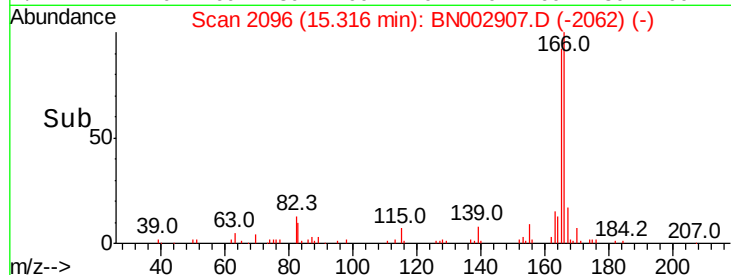
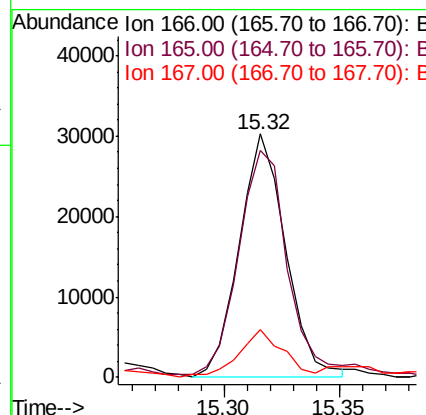
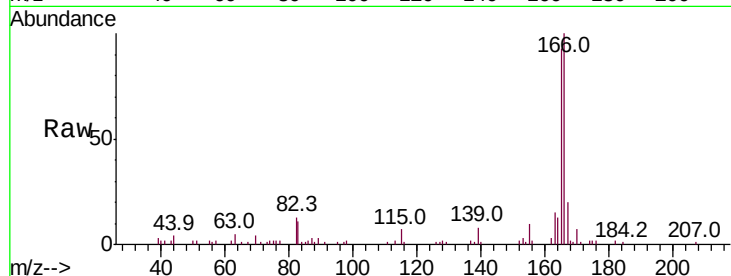
#58
Fluorene
 Concen: 1.906 ng/ul
 RT: 15.32 min Scan# 2096
 Delta R.T. -0.00 min
 Lab File: BN002907.D
 Acq: 03 Oct 2018 19:05

Instrument :
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 ClientSampleId :
 JLC59

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.0	78.3	117.5
167	19.7	11.0	16.6#

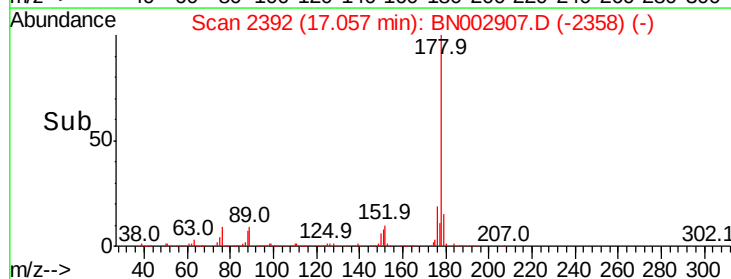
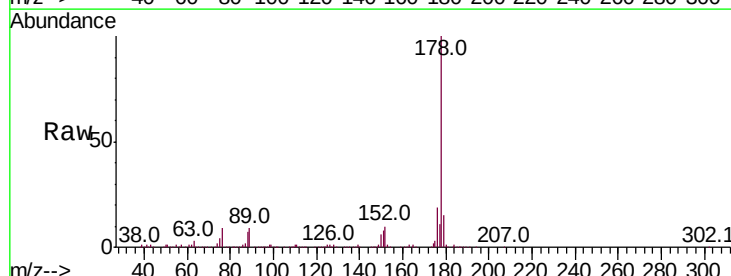
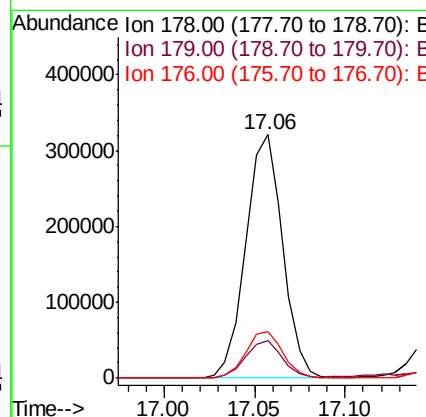
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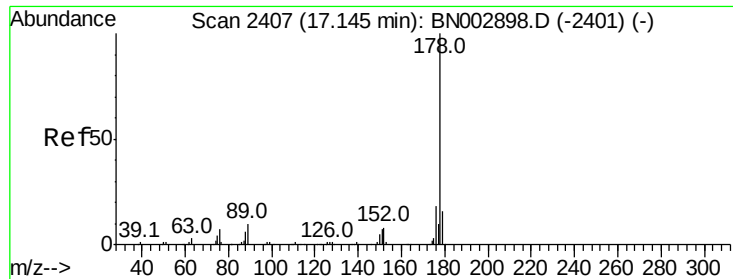
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#69
Phenanthrene
 Concen: 11.861 ng/ul
 RT: 17.06 min Scan# 2392
 Delta R.T. -0.00 min
 Lab File: BN002907.D
 Acq: 03 Oct 2018 19:05

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.9	15.0	22.6





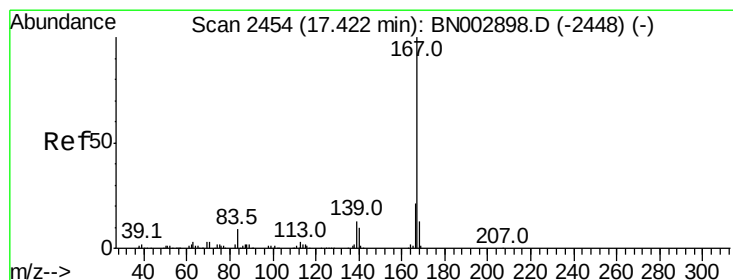
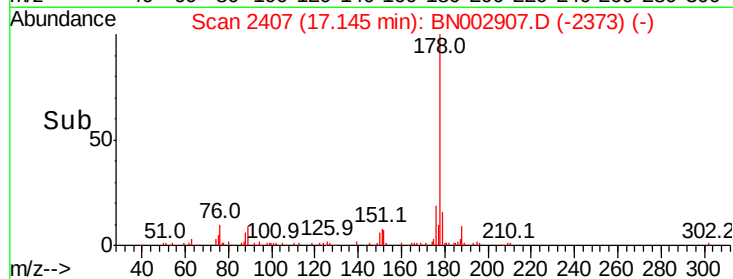
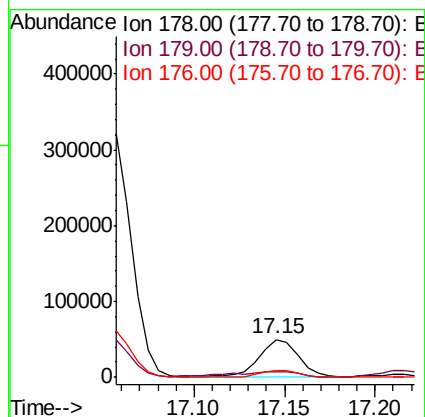
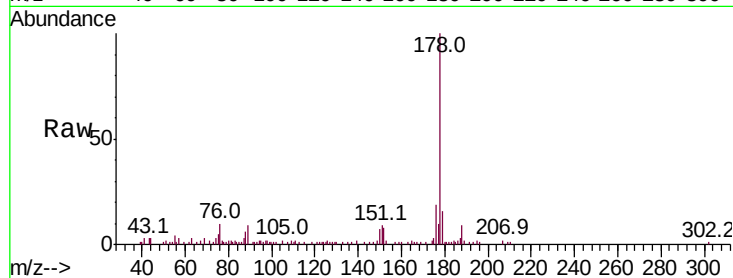
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 Anthracene
 Concen: 1.889 ng/ul
 RT: 17.15 min Scan# 2407
 Delta R.T. -0.00 min
 Lab File: BN002907.D
 Acq: 03 Oct 2018 19:05

Instrument :
 BNA_N
 ClientSampleId :
 JLC59

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.0	18.0
176	19.0	15.0	22.4

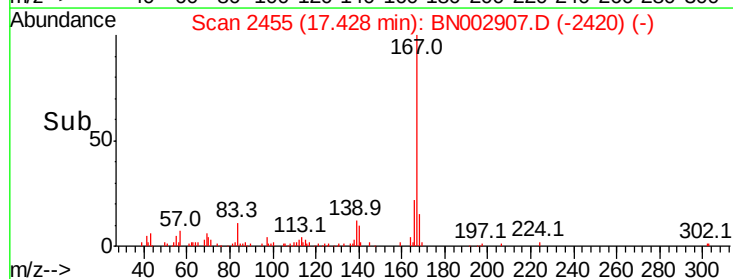
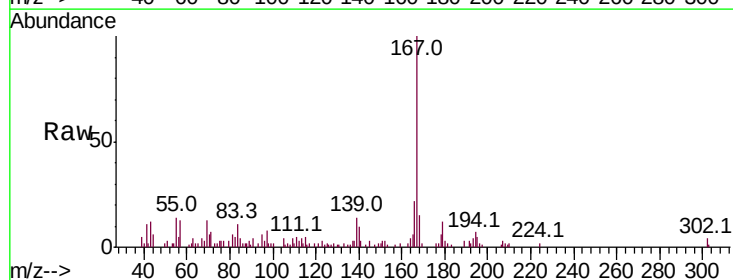
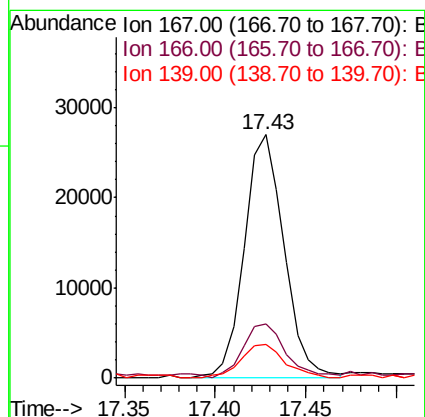
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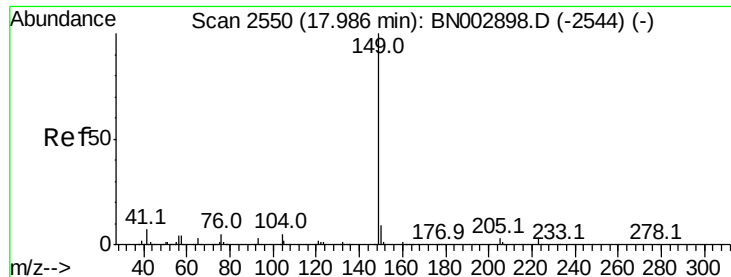
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#74
 Carbazole
 Concen: 1.249 ng/ul
 RT: 17.43 min Scan# 2455
 Delta R.T. 0.01 min
 Lab File: BN002907.D
 Acq: 03 Oct 2018 19:05

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.0	25.6
139	13.9	10.7	16.1





#75

Di-n-butylphthalate

Concen: 3.114 ng/ul

RT: 17.99 min Scan# 2550

Delta R.T. -0.00 min

Lab File: BN002907.D

Acq: 03 Oct 2018 19:05

Instrument :

BNA_N

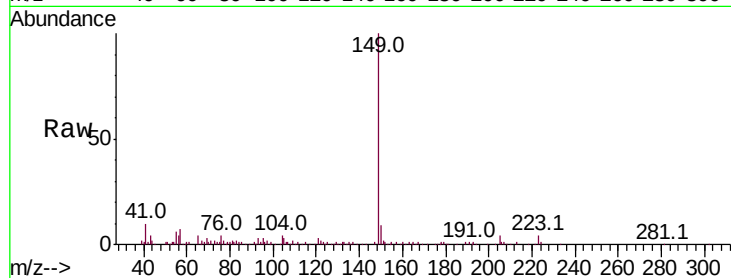
ClientSampled :

JLC59

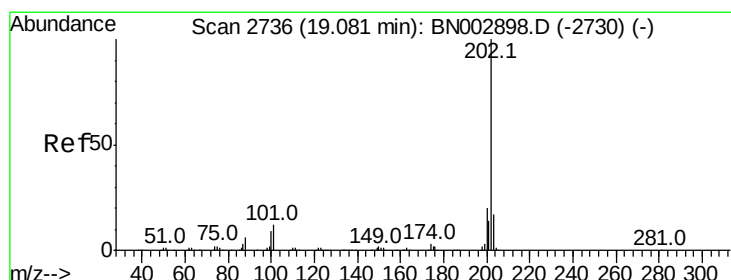
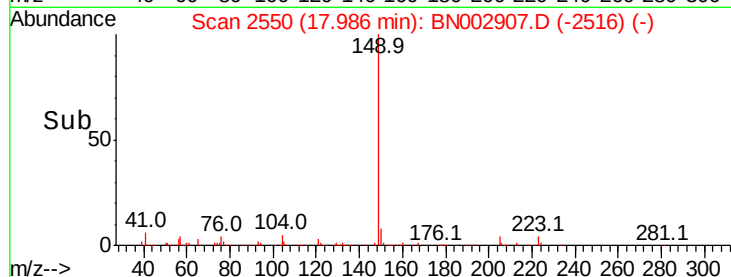
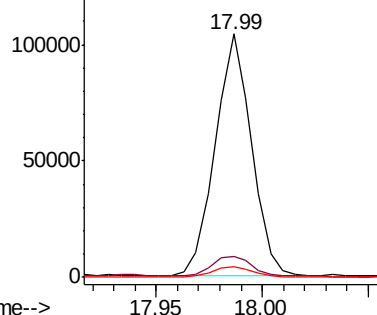
Tot Ion:	149	Resp:	123423
Ion Ratio	Lower	Upper	
149	100		
150	8.7	7.3	10.9
104	4.5	3.7	5.5

Manual Integrations
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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#76

Fluoranthene

Concen: 16.254 ng/ul

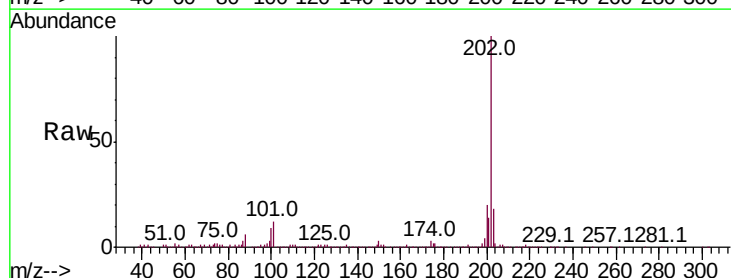
RT: 19.08 min Scan# 2736

Delta R.T. -0.00 min

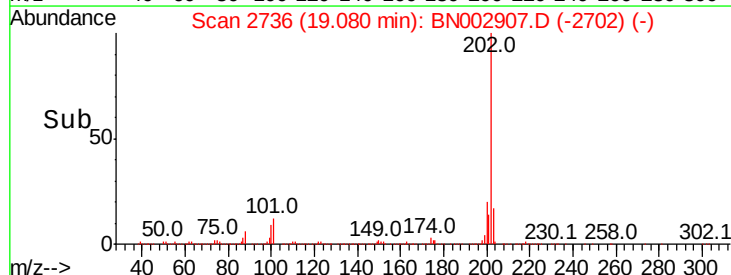
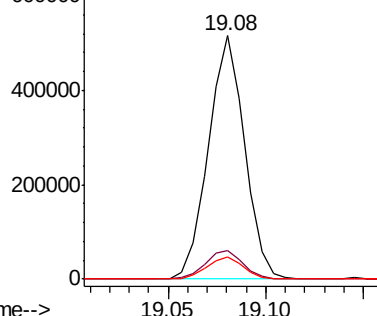
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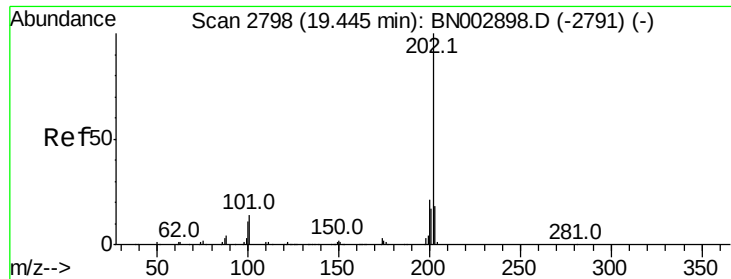
Acq: 03 Oct 2018 19:05

Tgt Ion:	202	Resp:	658387
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.4	14.2
100	8.9	7.0	10.6



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 13.198 ng/ul

RT: 19.45 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BN002907.D

Acq: 03 Oct 2018 19:05

Instrument :

BNA_N

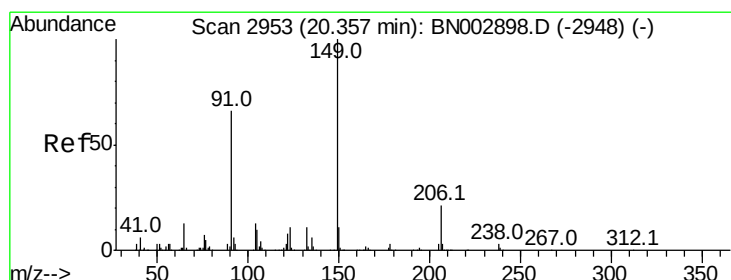
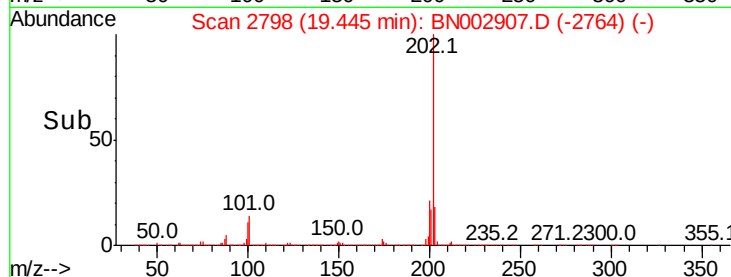
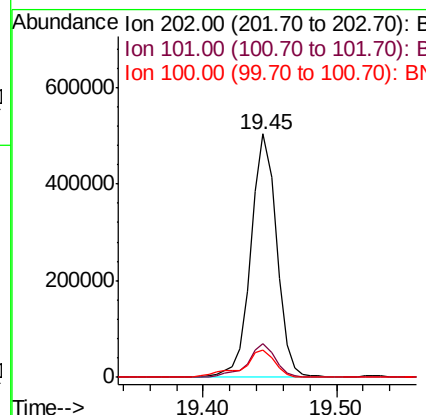
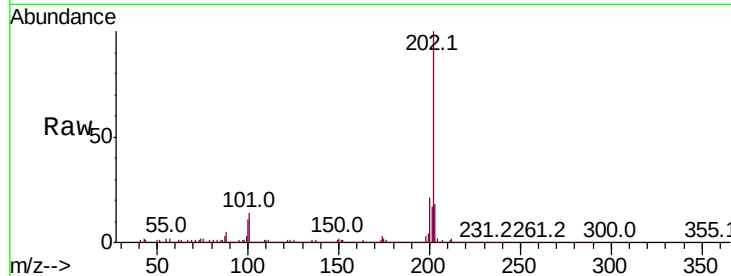
ClientSampleId :

JLC59

Tot Ion:	202	Resp:	662249
Ion Ratio	Lower	Upper	
202	100		
101	14.0	10.8	16.2
100	11.3	8.2	12.2

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#80

Butylbenzylphthalate

Concen: 5.106 ng/ul

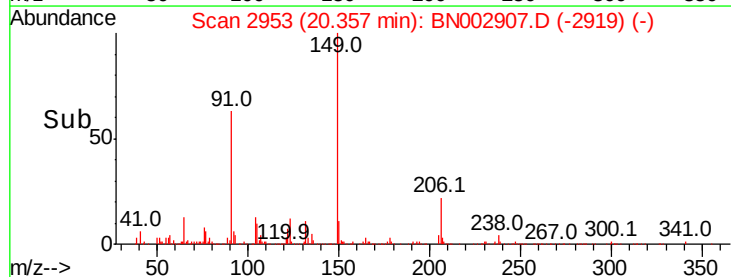
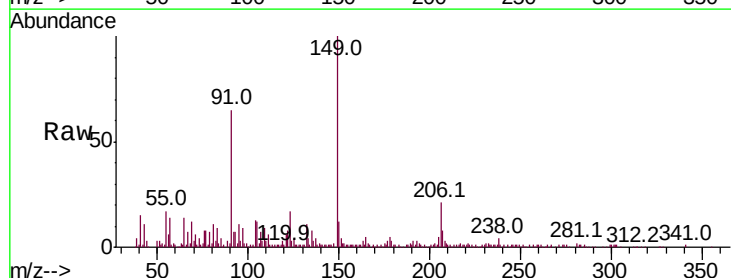
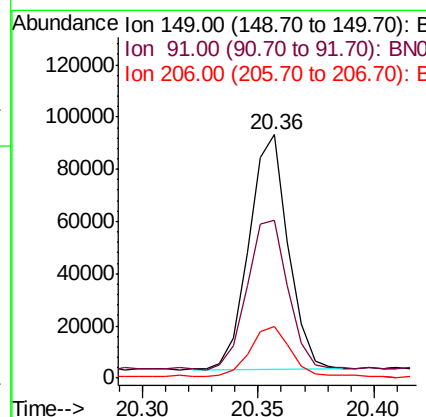
RT: 20.36 min Scan# 2953

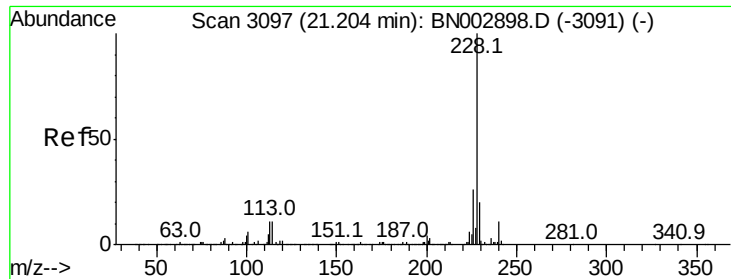
Delta R.T. -0.00 min

Lab File: BN002907.D

Acq: 03 Oct 2018 19:05

Tgt Ion:	149	Resp:	106605
Ion Ratio	Lower	Upper	
149	100		
91	64.6	56.3	84.5
206	21.5	16.8	25.2





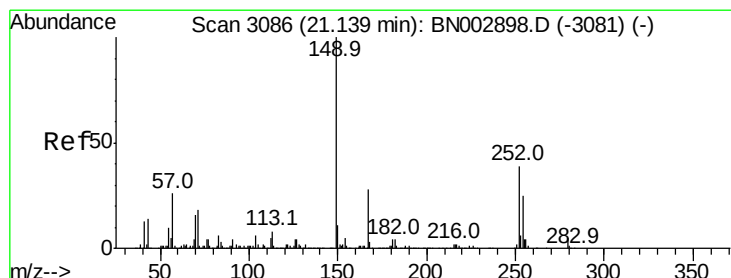
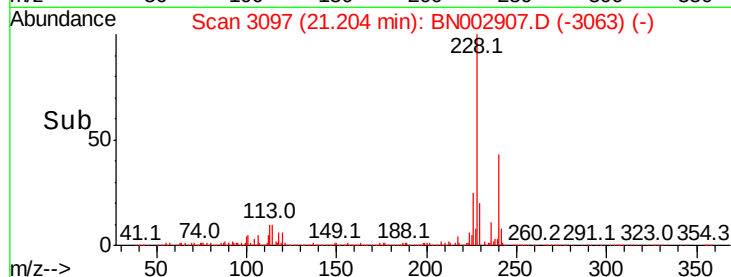
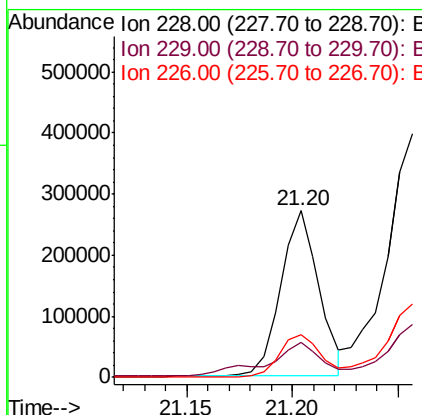
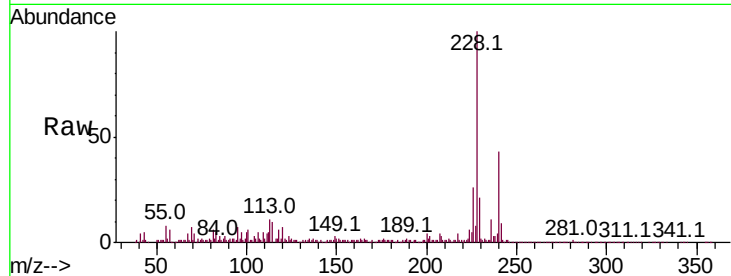
#82
Benzo(a)anthracene
Concen: 7.220 ng/ul
RT: 21.20 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BN002907.D
Acq: 03 Oct 2018 19:05

Instrument :
BNA_N
ClientSampled :
JLC59

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.8	23.6
226	25.6	20.9	31.3

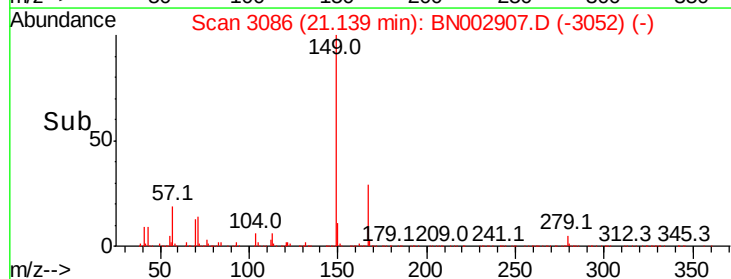
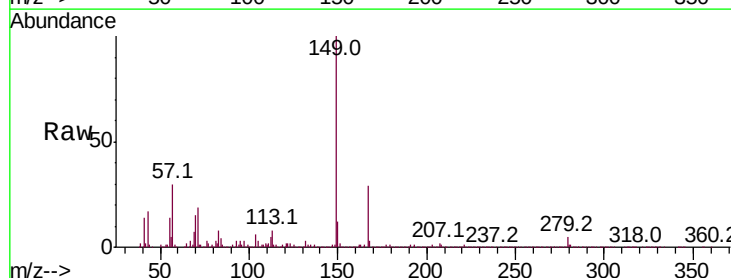
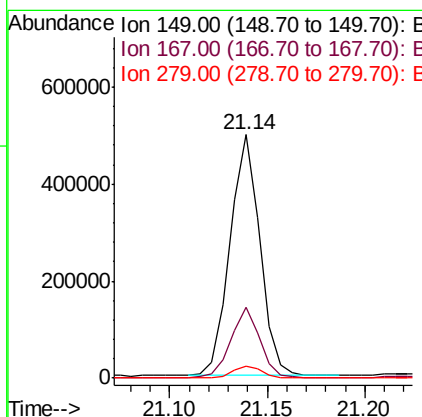
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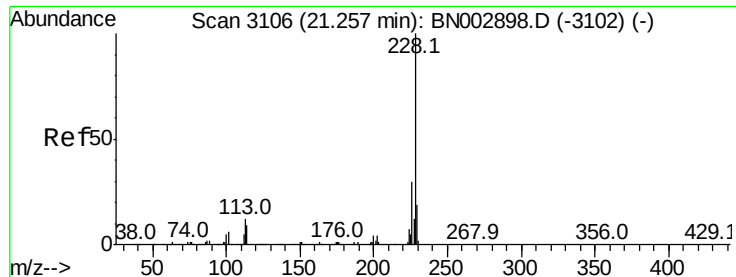
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#83
Bis(2-ethylhexyl)phthalate
Concen: 17.388 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. -0.00 min
Lab File: BN002907.D
Acq: 03 Oct 2018 19:05

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.0	33.0
279	4.8	3.3	4.9





#84

Chrysene

Concen: 12.684 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. -0.00 min

Lab File: BN002907.D

Acq: 03 Oct 2018 19:05

Instrument :

BNA_N

ClientSampled :

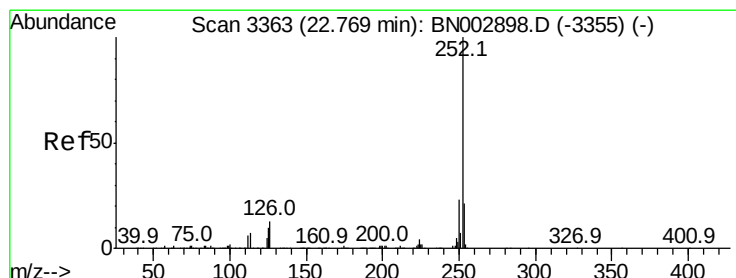
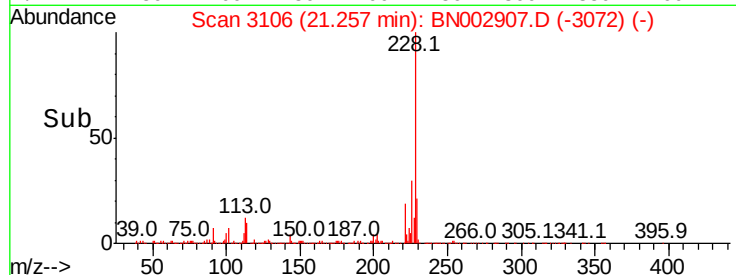
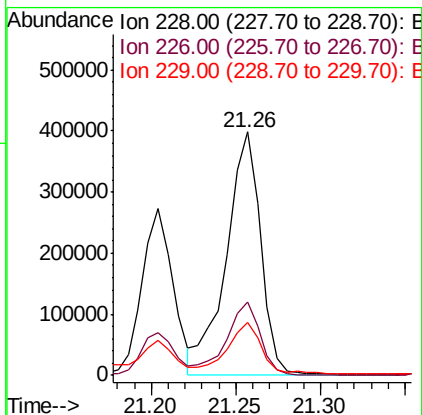
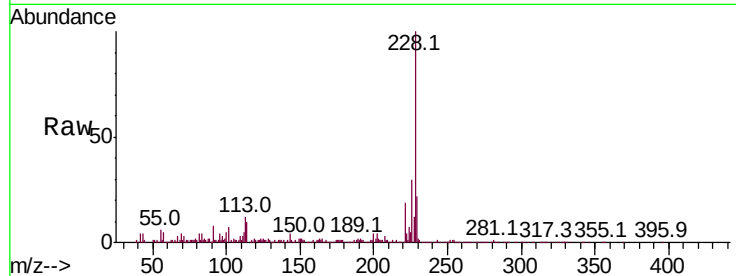
JLC59

Tot Ion:	228	Resp:	561273
Ion Ratio	Lower	Upper	
228	100		
226	29.9	23.4	35.0
229	21.6	15.7	23.5

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#87

Benzo(b)fluoranthene

Concen: 15.121 ng/ul

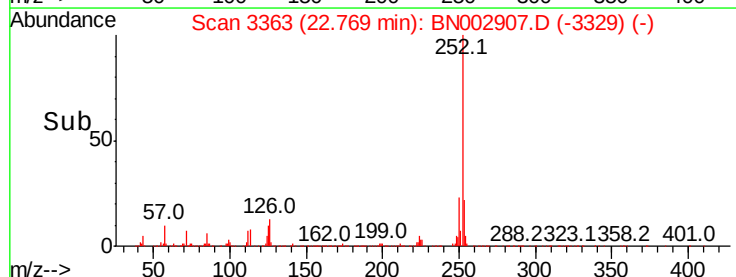
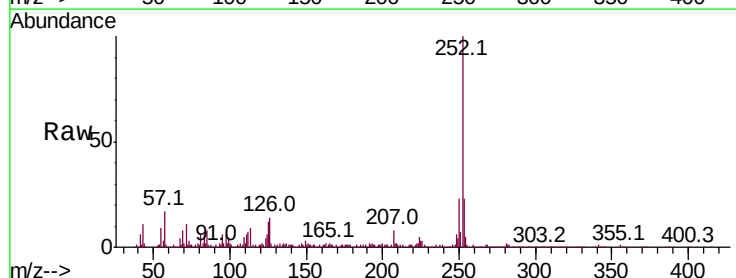
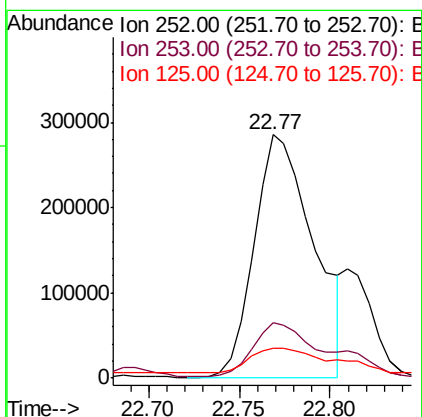
RT: 22.77 min Scan# 3363

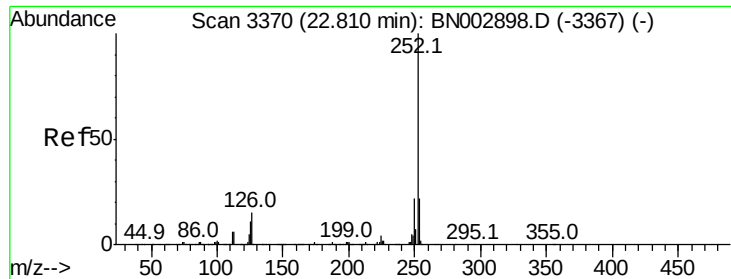
Delta R.T. -0.00 min

Lab File: BN002907.D

Acq: 03 Oct 2018 19:05

Tgt Ion:	252	Resp:	646421
Ion Ratio	Lower	Upper	
252	100		
253	22.6	17.0	25.4
125	12.4	8.0	12.0#





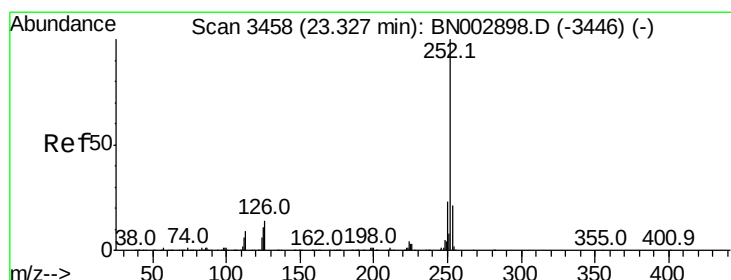
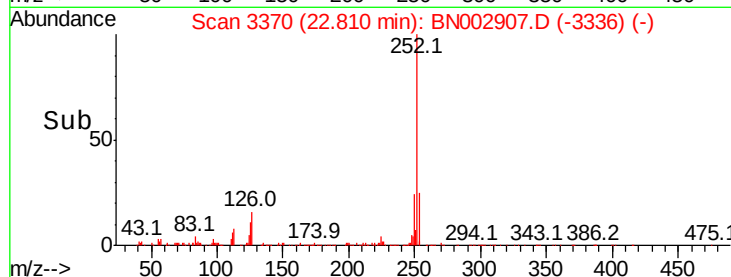
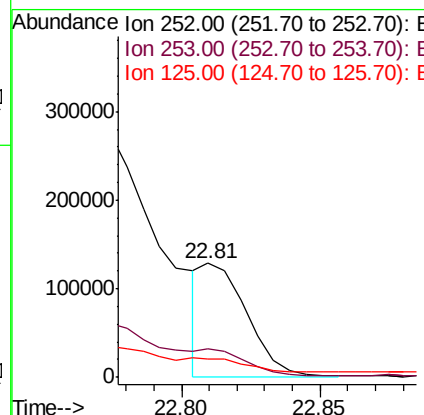
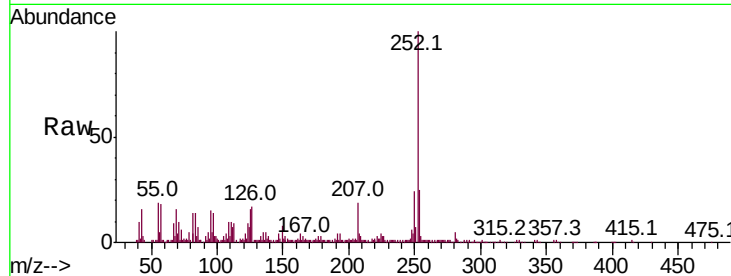
#88
Benzo(k)fluoranthene
Concen: 3.652 ng/ul m
RT: 22.81 min Scan# 3370
Delta R.T. -0.00 min
Lab File: BN002907.D
Acq: 03 Oct 2018 19:05

Instrument :
BNA_N
ClientSampled :
JLC59

Tot Ion	Ratio	Resp	Lower	Upper
252	100	145661		
253	25.5	17.8	26.8	
125	15.9	8.3	12.5	

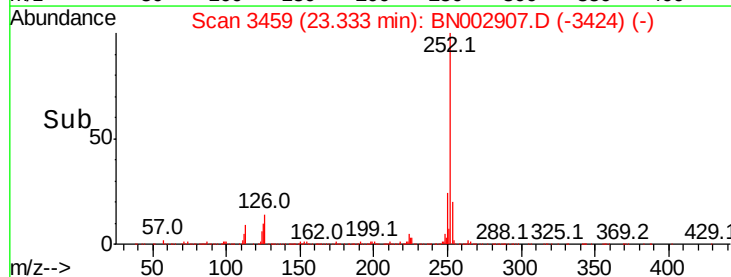
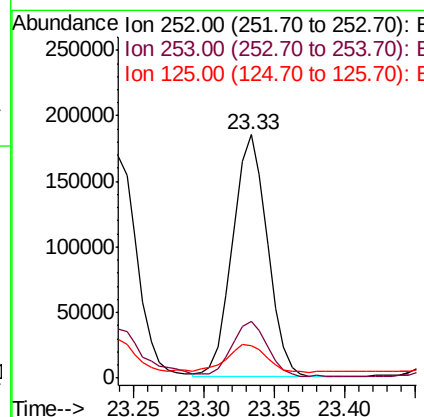
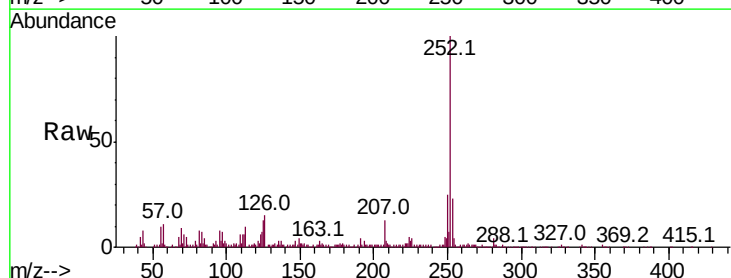
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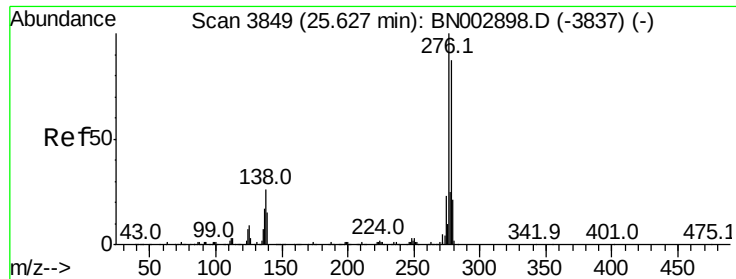
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#90
Benzo(a)pyrene
Concen: 7.878 ng/ul
RT: 23.33 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BN002907.D
Acq: 03 Oct 2018 19:05

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	318399		
253	23.2	17.6	26.4	
125	13.2	8.8	13.2	





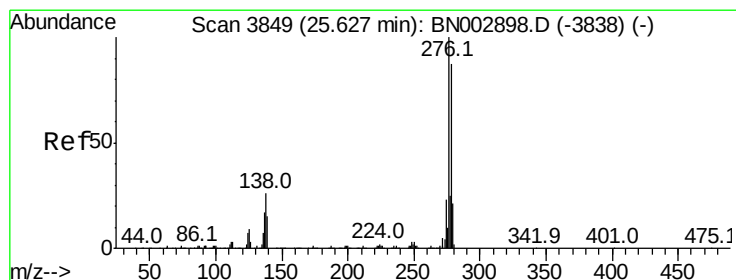
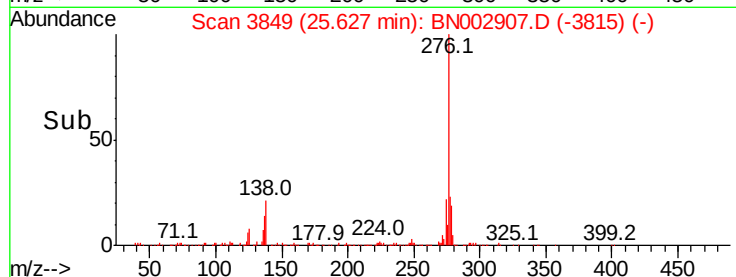
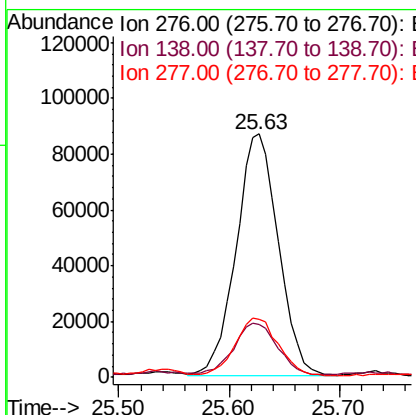
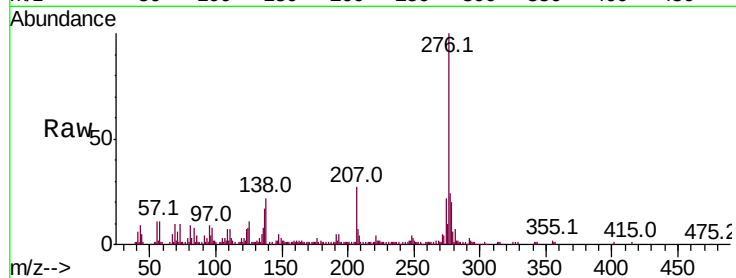
#91
 Indeno(1,2,3-cd)pyrene
 Concen: 4.830 ng/ul
 RT: 25.63 min Scan# 3849
 Delta R.T. -0.00 min
 Lab File: BN002907.D
 Acq: 03 Oct 2018 19:05

Instrument :
 BNA_N
 ClientSampled :
 JLC59

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.9	20.2	30.4
277	23.9	20.0	30.0

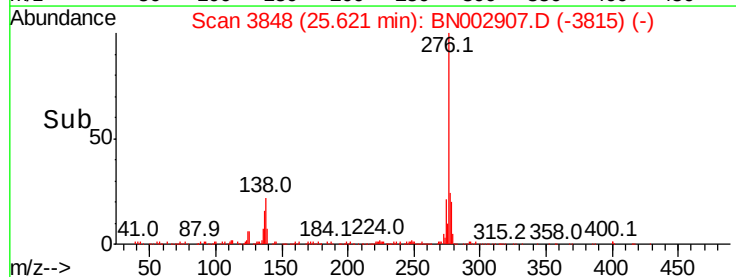
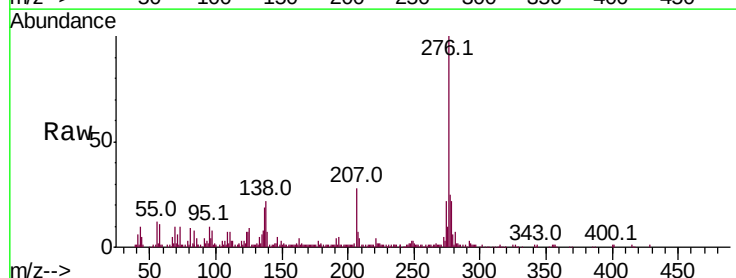
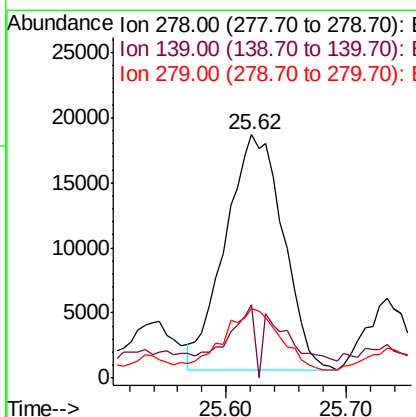
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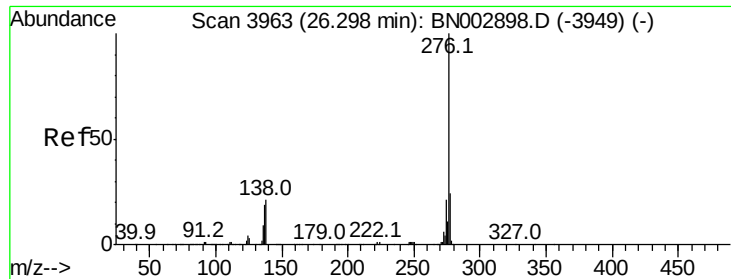
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#92
 Dibenzo(a,h)anthracene
 Concen: 1.484 ng/ul
 RT: 25.62 min Scan# 3848
 Delta R.T. -0.01 min
 Lab File: BN002907.D
 Acq: 03 Oct 2018 19:05

Tgt Ion	Ratio	Lower	Upper
278	100		
139	30.0	12.7	19.1#
279	28.6	18.7	28.1#





#93

Benzo(a,h,i)perylene

Concen: 5.074 ng/ul

RT: 26.30 min Scan# 3963

Delta R.T. -0.00 min

Lab File: BN002907.D

Acq: 03 Oct 2018 19:05

Instrument :

BNA_N

ClientSampleId :

JLC59

Tot Ion:	276	Resp:	202936
Ion Ratio	Lower	Upper	
276	100		
138	20.5	18.2	27.2
277	23.7	18.6	28.0

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