

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000523.D
 Acq On : 21 Mar 2018 17:01
 Operator : JU/SJ
 Sample : J1905-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM42

Manual Integrations
 APPROVED

Sohil
 3/22/2018 6:49:24 PM

Quant Time: Mar 23 11:57:24 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 22 01:34:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.44	152	133412	20.00	ng/ul	0.02
18) Naphthalene-d8	11.29	136	336554	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.07	164	272729	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.94	188	464206m	20.00	ng/ul	0.18
75) Chrysene-d12	21.91	240	419473	20.00	ng/ul	0.02
83) Perylene-d12	24.40	264	437020	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	19013	5.09	ng/uL	0.00
5) Phenol-d5	7.60	99	34490m	2.77	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.74	67	250440	34.88	ng/ul	0.02
9) 2-Chlorophenol-d4	7.99	132	233062	24.76	ng/ul	0.05
13) 4-Methylphenol-d8	9.23	113	180440m	18.61	ng/ul	0.10
19) Nitrobenzene-d5	9.63	128	155214	56.78	ng/ul	0.04
22) 2-Nitrophenol-d4	10.36	143	150165	53.03	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.97	165	291698m	57.47	ng/ul	0.11
29) 4-Chloroaniline-d4	11.38	131	374492	71.88	ng/ul	0.00
43) Dimethylphthalate-d6	14.46	166	720124	33.42	ng/ul	0.04
46) Acenaphthylene-d8	14.77	160	912525	32.10	ng/ul	0.04
51) 4-Nitrophenol-d4	15.28	143	122647	30.66	ng/ul	0.06
57) Fluorene-d10	16.08	176	602681	32.82	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	16.22	200	275954m	103.80	ng/ul	0.09
70) Anthracene-d10	18.02	188	713534m	31.98	ng/ul	0.16
76) Pyrene-d10	20.16	212	699734	30.22	ng/ul	0.05
87) Benzo(a)pyrene-d12	24.24	264	363302	17.61	ng/ul	0.04
Target Compounds						
6) Phenol	7.74	94	109637m	8.634	ng/ul	
21) Isophorone	10.21	82	1402180	109.011	ng/ul#	79
28) Naphthalene	11.34	128	1555072	87.987	ng/ul#	95
34) 2-Methylnaphthalene	12.94	142	2857024	242.127	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	210886m	37.944	ng/ul	
39) 2,4,5-Trichlorophenol	13.64	196	572803m	98.842	ng/ul	
40) 1,1'-Biphenyl	13.91	154	324967	13.997	ng/ul#	78
49) Acenaphthene	15.14	153	174782	9.206	ng/ul#	78
55) 2,3,4,6-Tetrachlorophenol	15.79	232	12292157m	2777.705	ng/ul	
58) Fluorene	16.13	166	253906	12.390	ng/ul#	69
68) Pentachlorophenol	17.54	266	41468510m	15722.127	ng/ul	
69) Phenanthrene	17.97	178	723170m	27.042	ng/ul	
71) Anthracene	18.06	178	216451m	7.894	ng/ul	
74) Fluoranthene	19.83	202	197949	7.449	ng/ul#	60
77) Pyrene	20.18	202	227802	7.435	ng/ul#	65
80) Benzo(a)anthracene	21.89	228	34192	1.223	ng/ul#	47
81) Bis(2-ethylhexyl)phthalate	21.76	149	603840	27.330	ng/ul	98
82) Chrysene	21.94	228	38419	1.466	ng/ul#	50
84) Di-n-octyl phthalate	22.72	149	483102	13.133	ng/ul	100

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

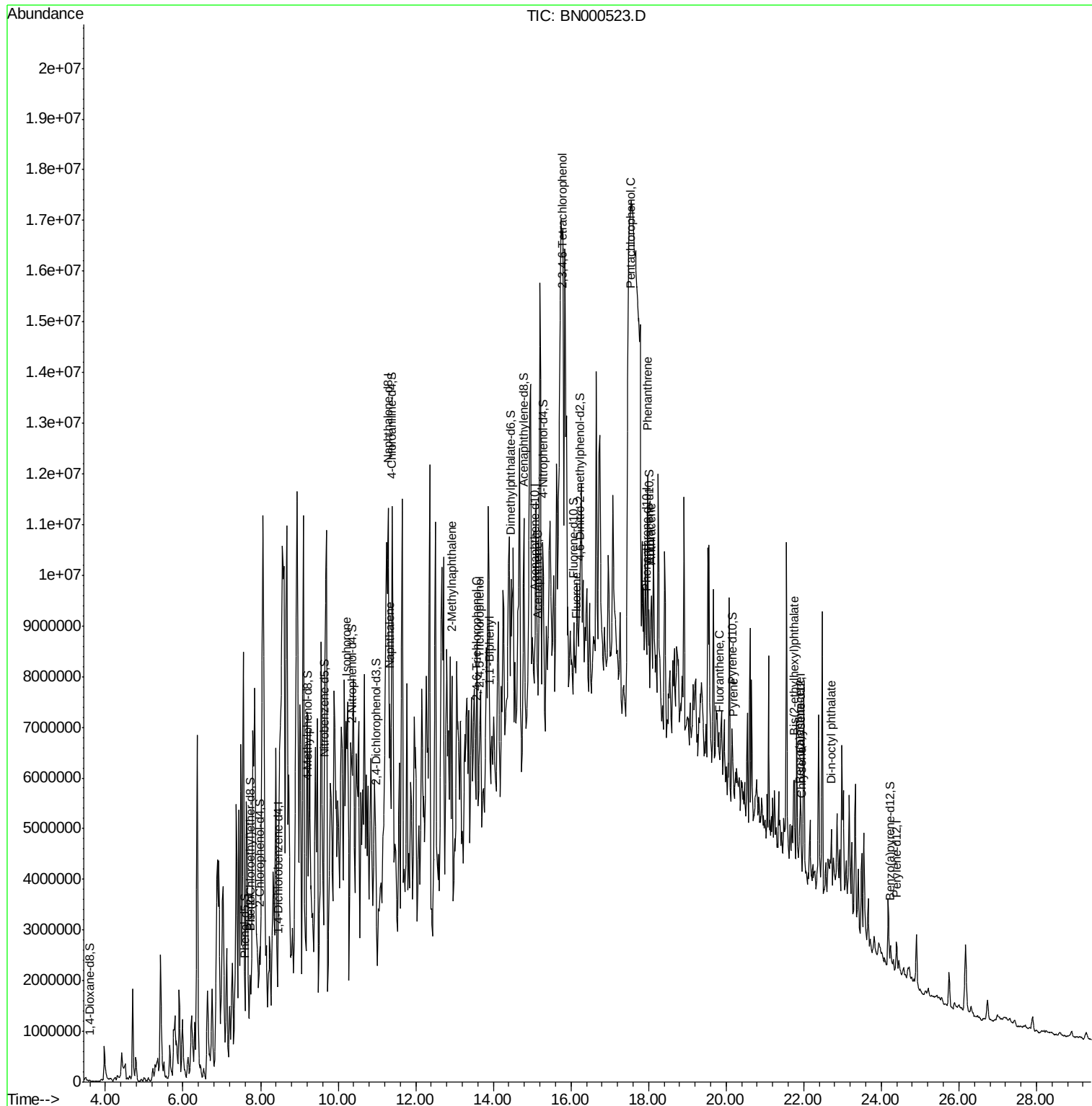
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
Data File : BN000523.D
Acq On : 21 Mar 2018 17:01
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Misc :
ALS Vial : 12 Sample Multiplier: 1

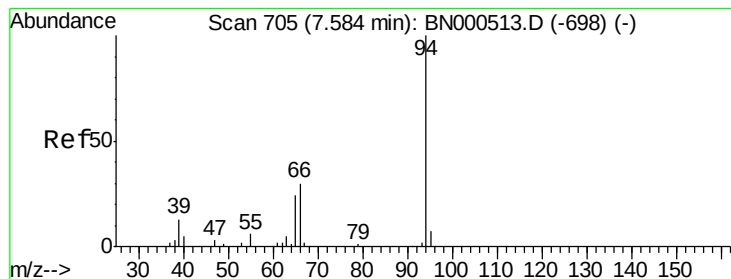
Instrument :
BNA_N
ClientSampled :
DAM42

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Quant Time: Mar 23 11:57:24 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 22 01:34:06 2018
Response via : Initial Calibration





#6

Phenol

Concen: 8.634 ng/ul m

RT: 7.74 min Scan# 731

Delta R.T. 0.15 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampled :

DAM42

Tot Ion: 94 Resp: 109637
Ion Ratio Lower Upper

94 100

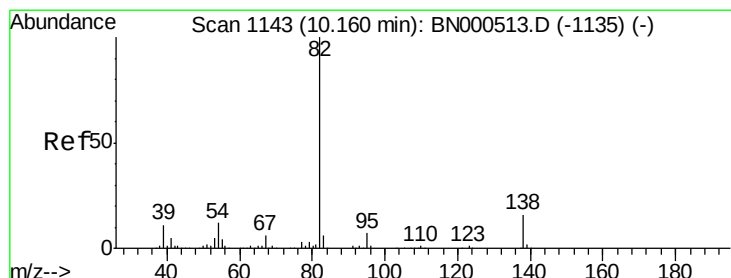
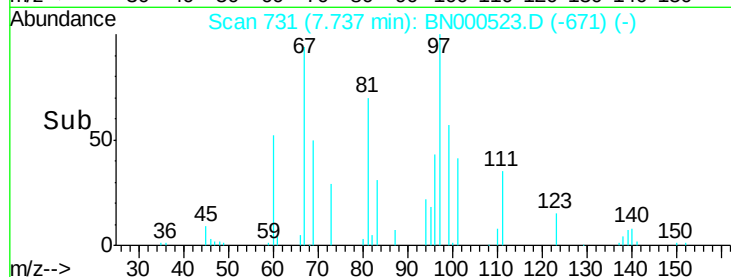
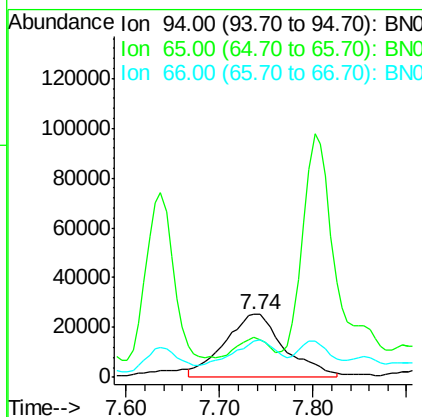
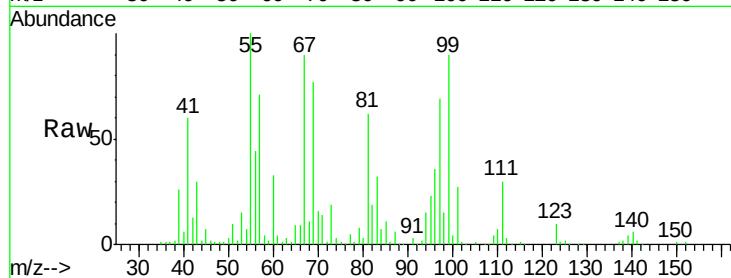
65 62.8 23.0 34.6#

66 58.1 30.4 45.6#

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#21

Isophorone

Concen: 109.011 ng/ul

RT: 10.21 min Scan# 1151

Delta R.T. 0.05 min

Lab File: BN000523.D

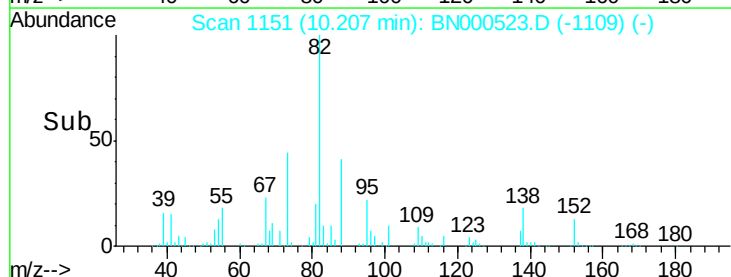
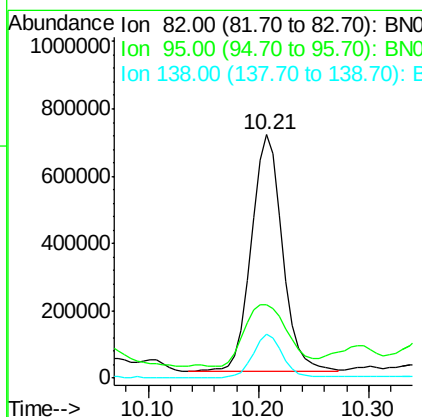
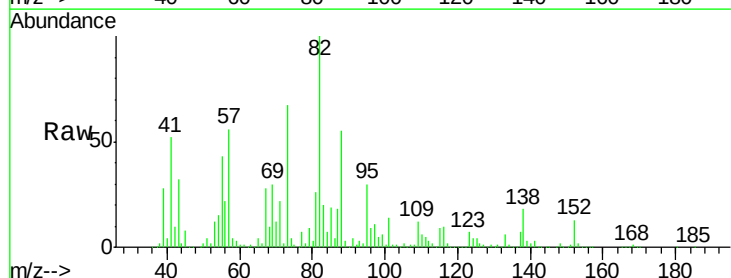
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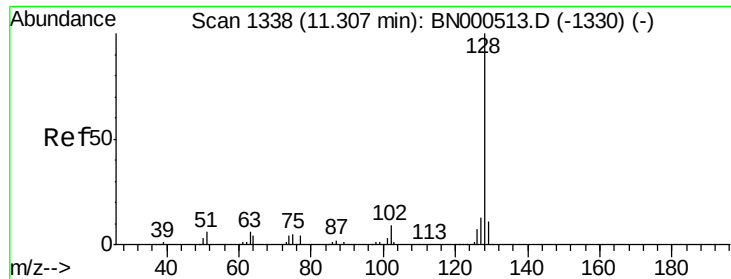
Tgt Ion: 82 Resp: 1402180
Ion Ratio Lower Upper

82 100

95 30.1 6.1 9.1#

138 17.9 13.5 20.3





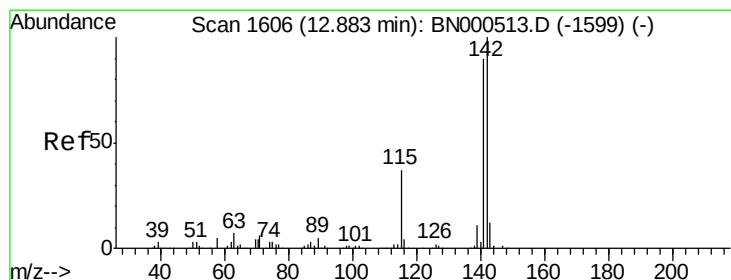
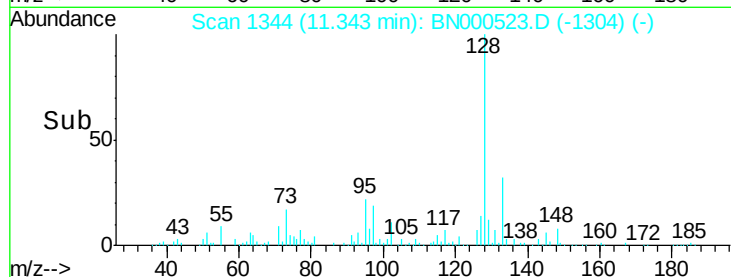
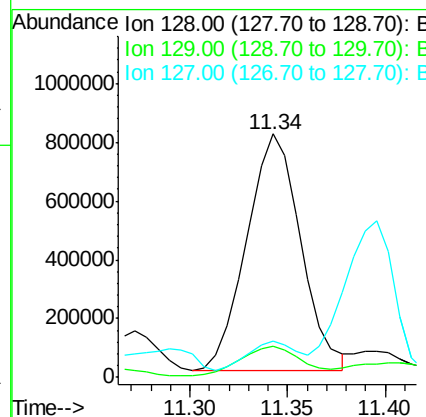
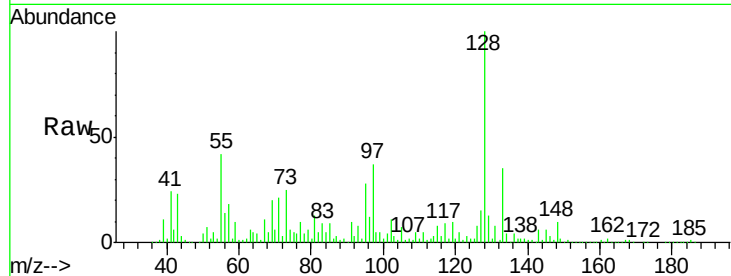
#28
Naphthalene
Concen: 87.987 ng/ul
RT: 11.34 min Scan# 1344
Delta R.T. 0.04 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Instrument :
BNA_N
ClientSampleId :
DAM42

Tot Ion:128 Resp: 1555072
Ion Ratio Lower Upper
128 100
129 13.0 8.3 12.5#
127 14.9 10.8 16.2

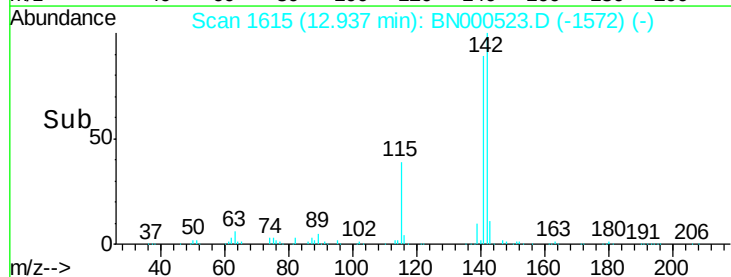
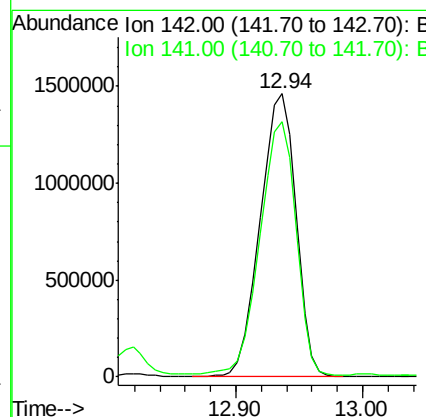
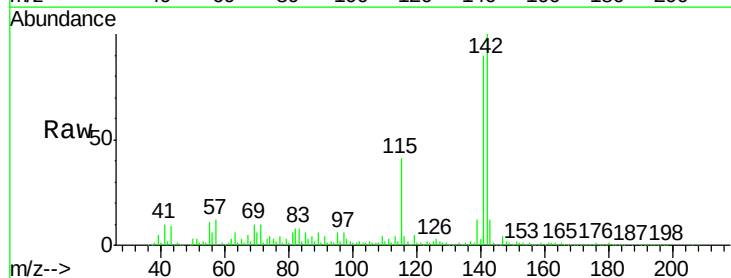
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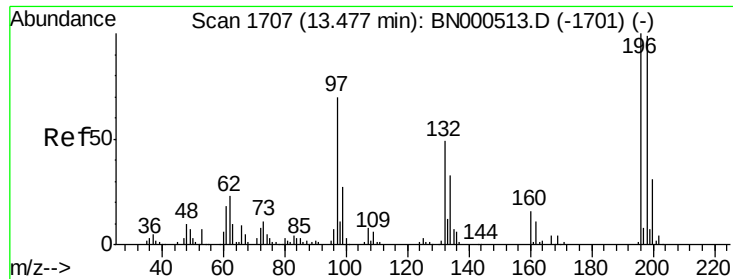
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#34
2-Methylnaphthalene
Concen: 242.127 ng/ul
RT: 12.94 min Scan# 1615
Delta R.T. 0.05 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Tgt Ion:142 Resp: 2857024
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.2





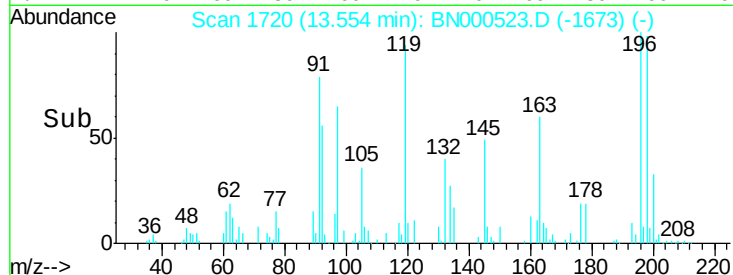
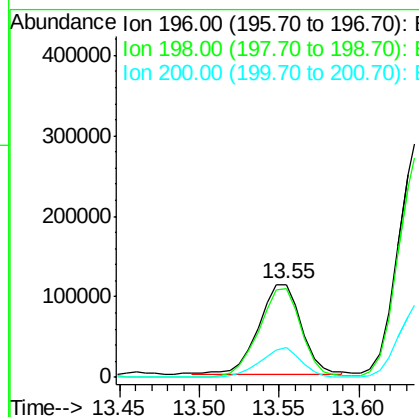
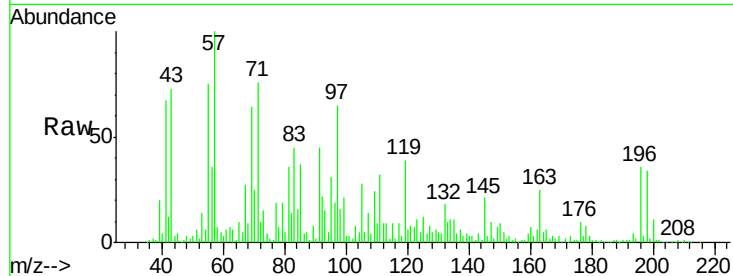
#38
 2,4,6-Trichlorophenol
 Concen: 37.944 ng/ul m
 RT: 13.55 min Scan# 1720
 Delta R.T. 0.08 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

Instrument :
 BNA_N
 ClientSampled :
 DAM42

Tot Ion	Ratio	Resp	Lower	Upper
196	100	210886		
198	95.5	75.9	113.9	
200	31.5	25.8	38.6	

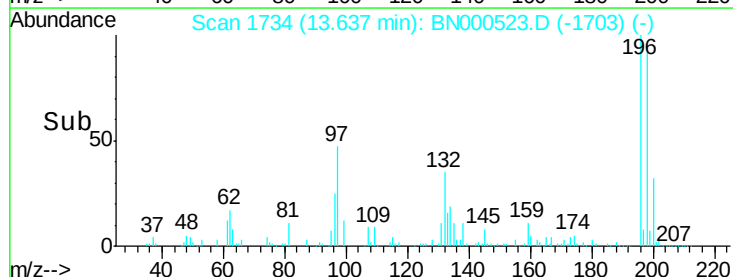
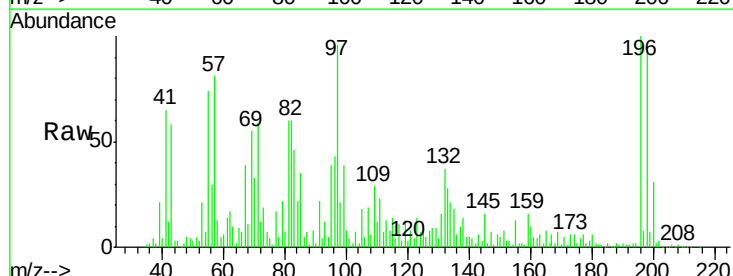
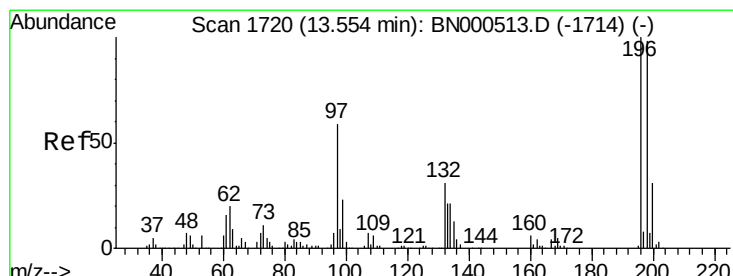
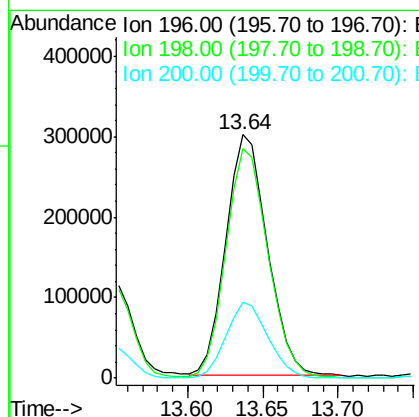
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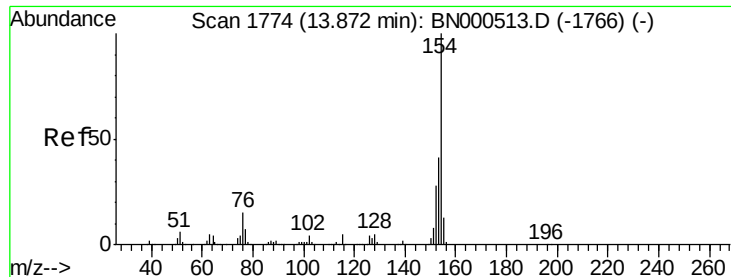
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#39
 2,4,5-Trichlorophenol
 Concen: 98.842 ng/ul m
 RT: 13.64 min Scan# 1734
 Delta R.T. 0.08 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	572803		
198	94.3	74.7	112.1	
200	31.4	25.4	38.0	





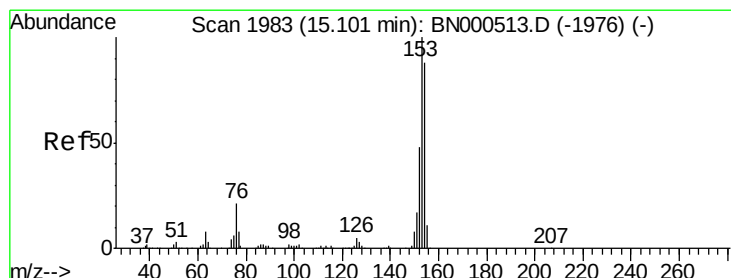
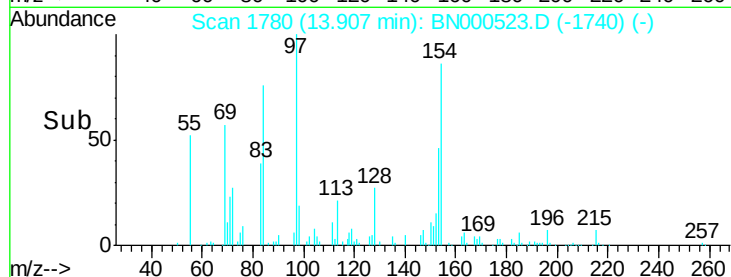
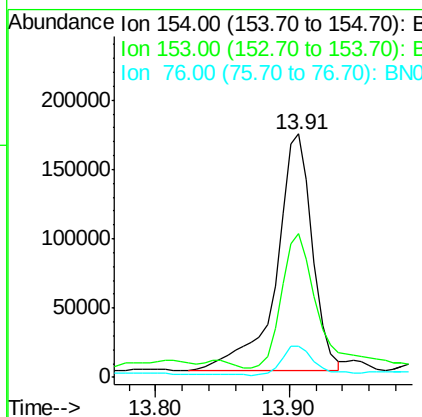
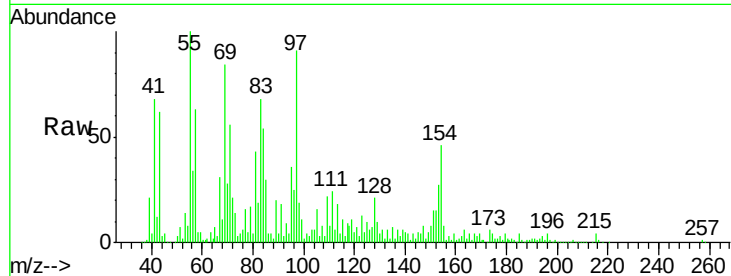
#40
1,1'-Biphenyl
Concen: 13.997 ng/ul
RT: 13.91 min Scan# 1780
Delta R.T. 0.04 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Instrument :
BNA_N
ClientSampleId :
DAM42

Tot Ion	Ratio	Lower	Upper
154	100		
153	58.9	34.0	51.0#
76	13.0	8.4	12.6#

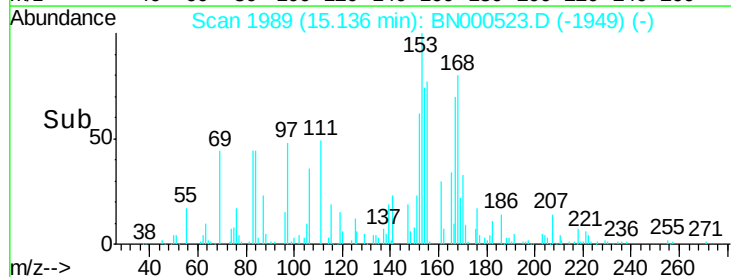
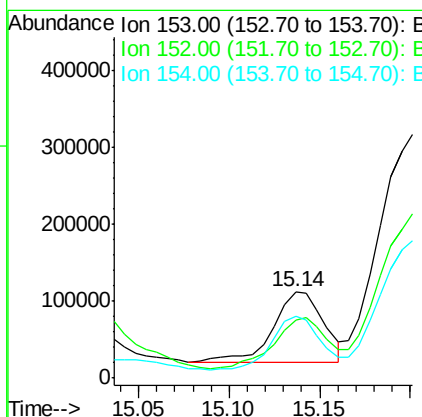
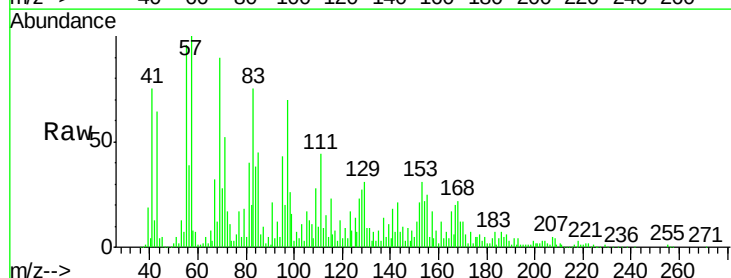
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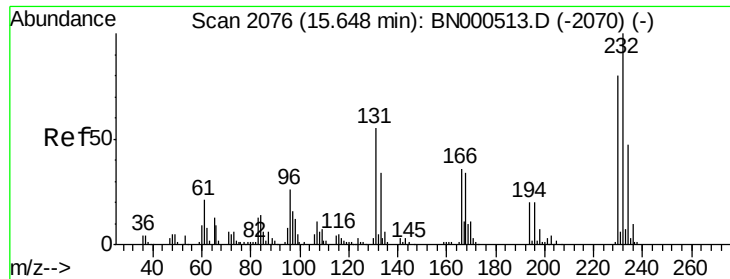
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#49
Acenaphthene
Concen: 9.206 ng/ul
RT: 15.14 min Scan# 1989
Delta R.T. 0.04 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Tgt Ion	Ratio	Lower	Upper
153	100		
152	67.7	37.9	56.9#
154	71.4	69.8	104.6





#55

2,3,4,6-Tetrachlorophenol

Concen: 2777.705 ng/ul m

RT: 15.79 min Scan# 2100

Delta R.T. 0.14 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

ClientSampled :

DAM42

Tot Ion:232 Resp:12292157

Ion Ratio Lower Upper

232 100

131 36.6 48.0 72.0#

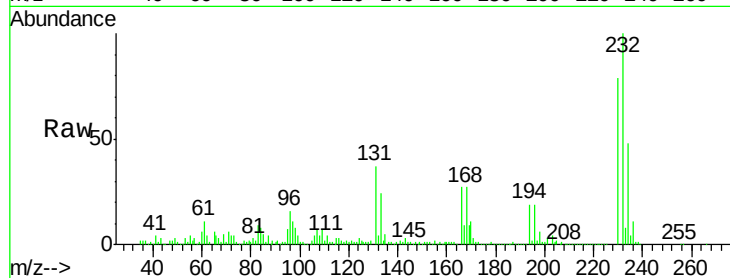
130 0.0 4.0 6.0#

166 27.2 32.0 48.0#

Manual Integrations
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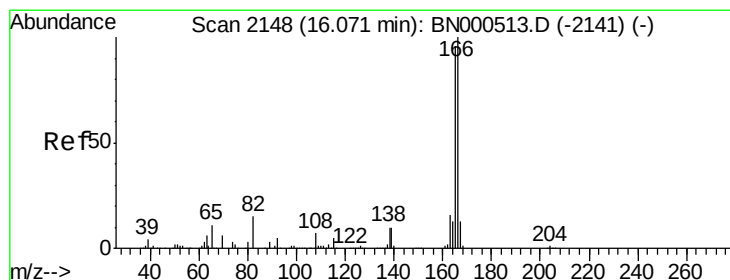
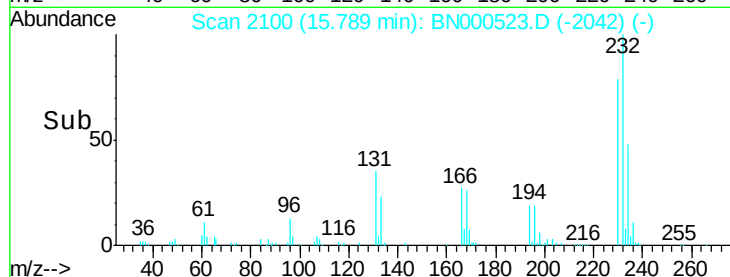
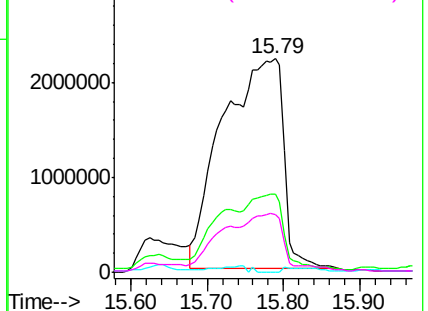


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#58

Fluorene

Concen: 12.390 ng/ul

RT: 16.13 min Scan# 2158

Delta R.T. 0.06 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

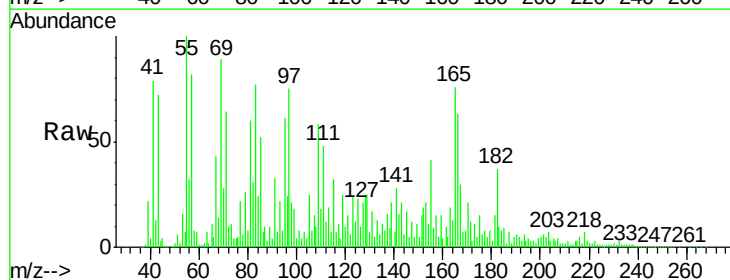
Tgt Ion:166 Resp: 253906

Ion Ratio Lower Upper

166 100

165 120.8 78.4 117.6#

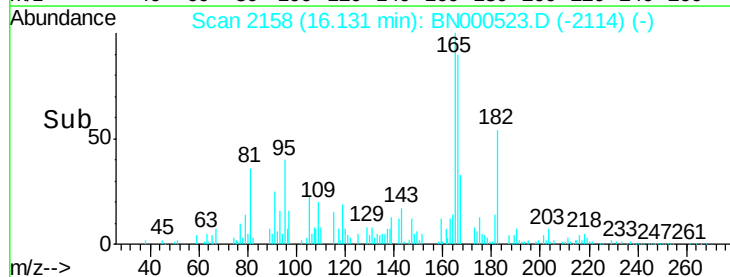
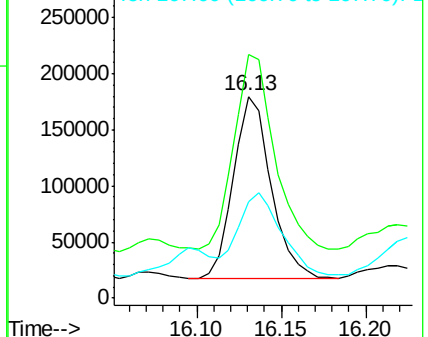
167 48.0 11.1 16.7#

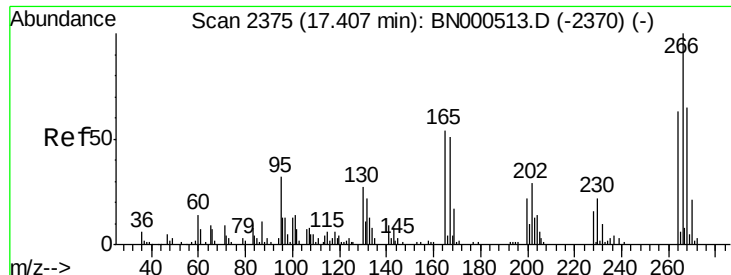


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#68
 Pentachlorophenol
 Concen: 15722.127 ng/ul m
 RT: 17.54 min Scan# 2398
 Delta R.T. 0.14 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

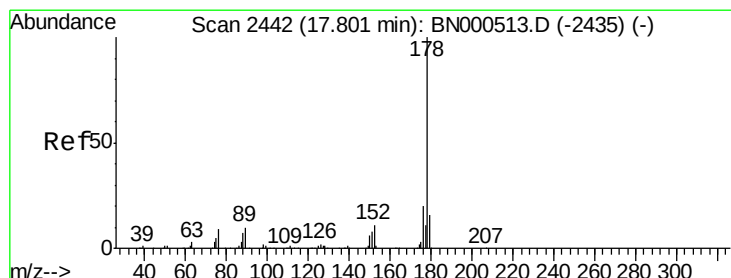
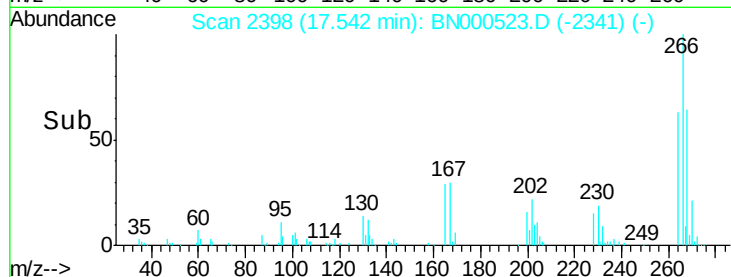
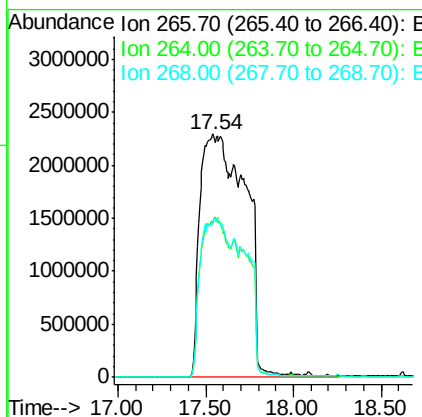
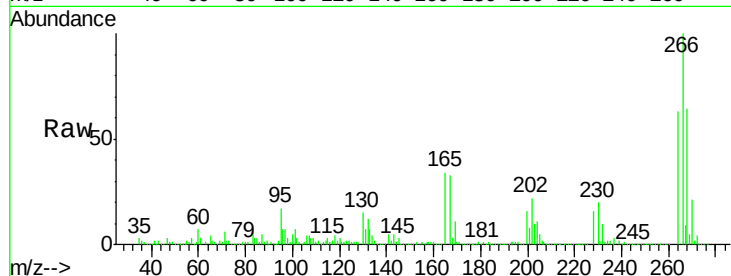
Instrument :
 BNA_N
 ClientSampleId :
 DAM42

Tot Ion:266 Resp:41468510

Ion	Ratio	Lower	Upper
266	100		
264	63.3	48.2	72.4
268	63.9	52.3	78.5

Manual Integrations
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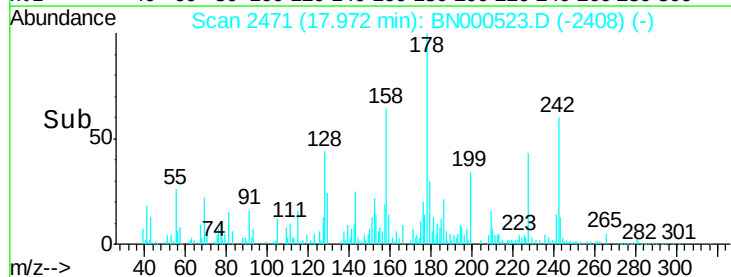
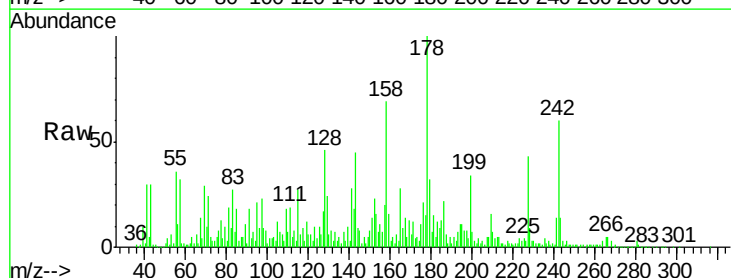
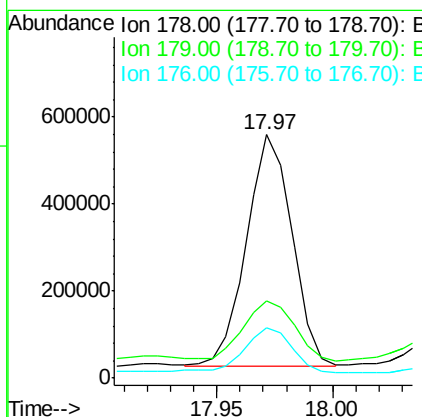
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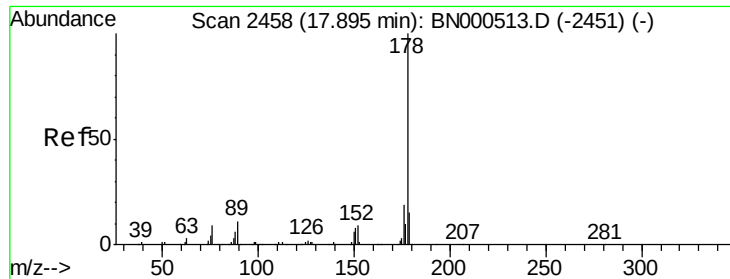


#69
 Phenanthrene
 Concen: 27.042 ng/ul m
 RT: 17.97 min Scan# 2471
 Delta R.T. 0.17 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

Tgt Ion:178 Resp: 723170

Ion	Ratio	Lower	Upper
178	100		
179	31.6	12.3	18.5#
176	20.7	15.4	23.0





#71

Anthracene

Concen: 7.894 ng/ul

RT: 18.06 min Scan# 2486

Delta R.T. 0.16 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

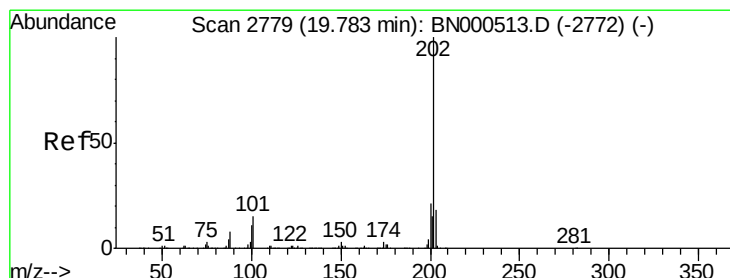
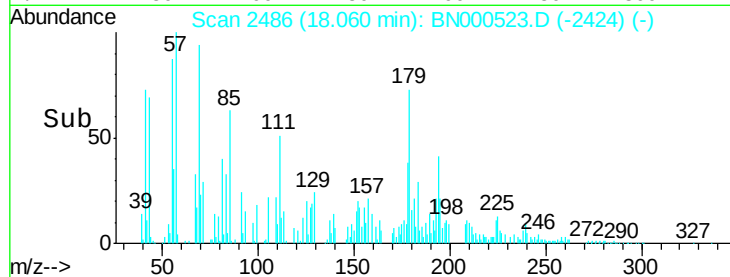
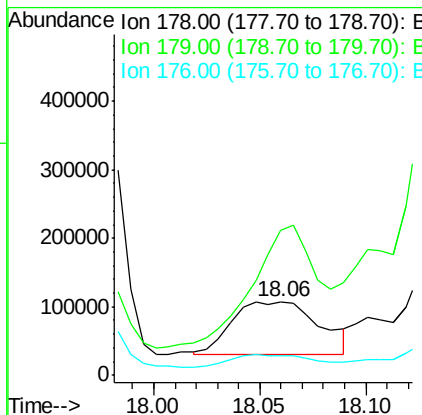
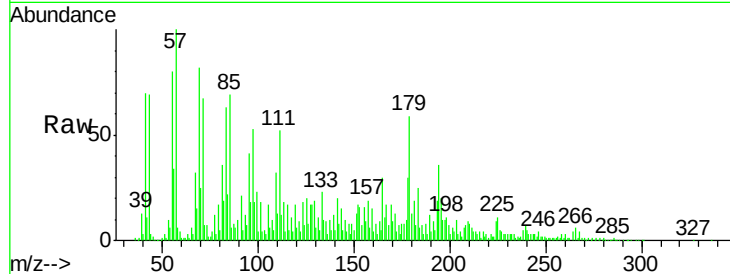
ClientSampled :

DAM42

Tot Ion:	178	Resp:	216451
Ion Ratio	Lower	Upper	
178	100		
179	196.0	13.4	20.2#
176	27.0	15.4	23.0#

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3/22/2018 6:49:24 PM



#74

Fluoranthene

Concen: 7.449 ng/ul

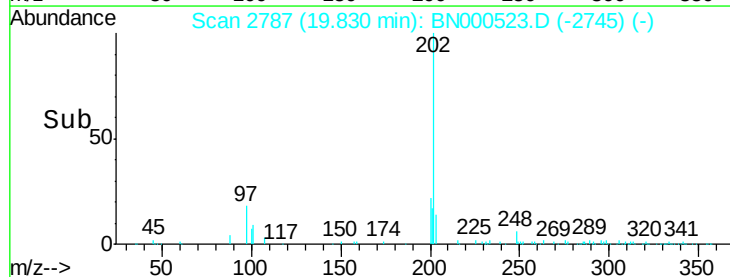
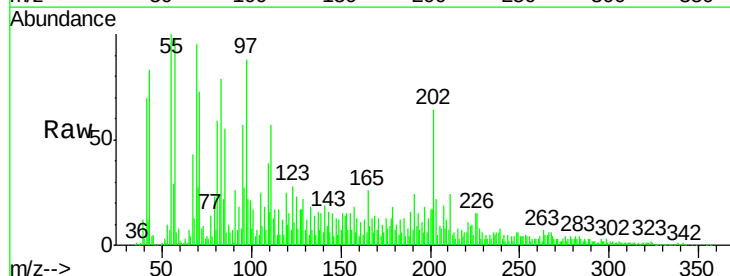
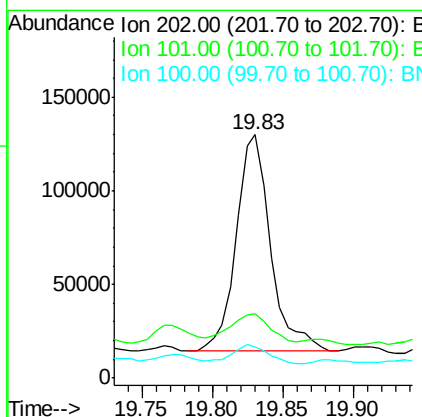
RT: 19.83 min Scan# 2787

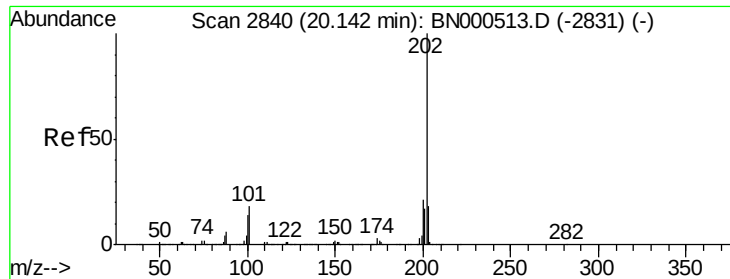
Delta R.T. 0.05 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Tgt Ion:	202	Resp:	197949
Ion Ratio	Lower	Upper	
202	100		
101	26.3	6.1	9.1#
100	13.0	4.6	7.0#





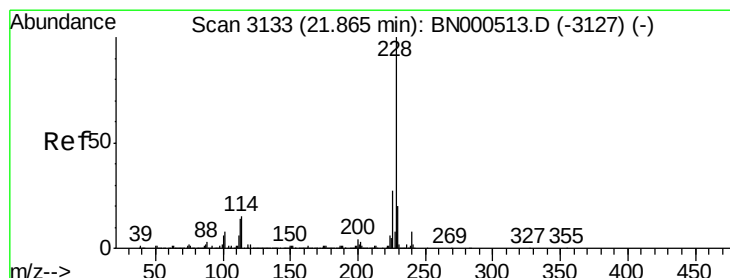
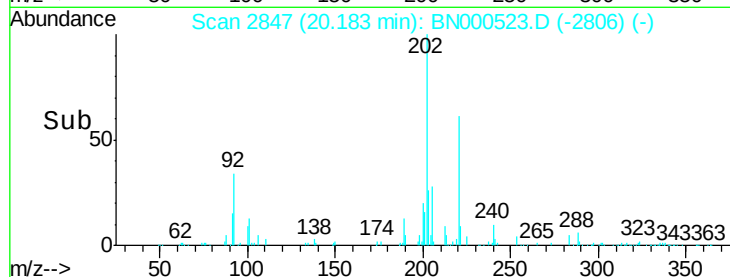
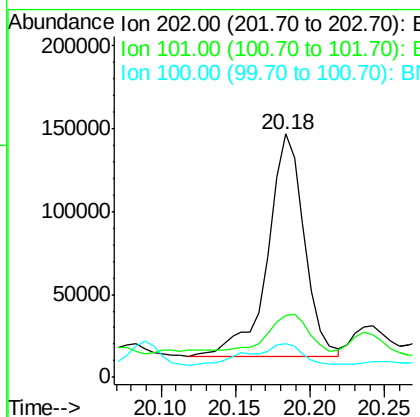
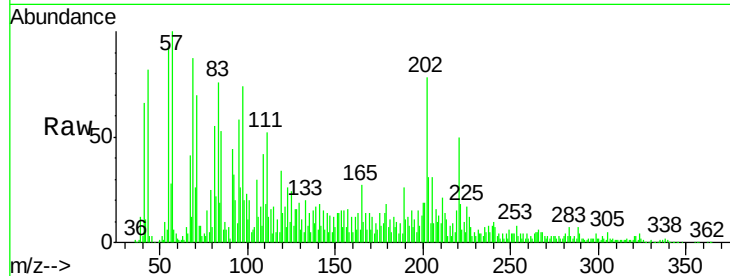
#77
Pvrene
Concen: 7.435 ng/ul
RT: 20.18 min Scan# 2847
Delta R.T. 0.04 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Instrument :
BNA_N
ClientSampleId :
DAM42

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	25.6	6.9	10.3#
100	14.1	5.6	8.4#

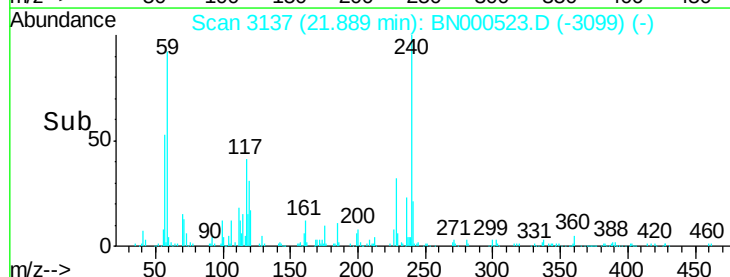
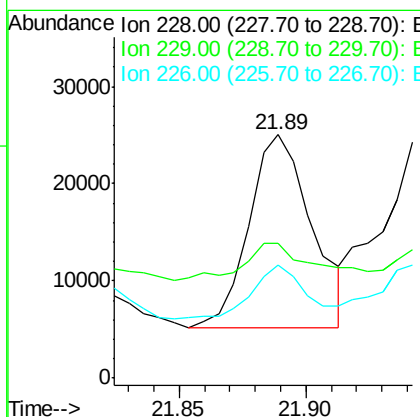
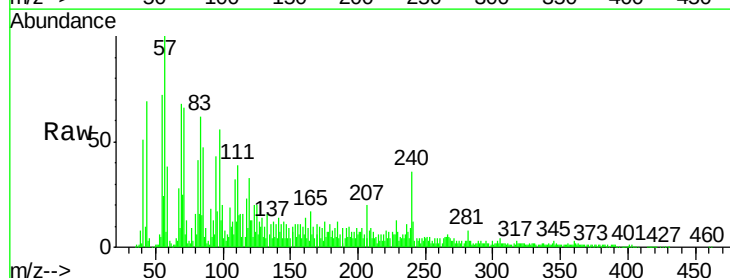
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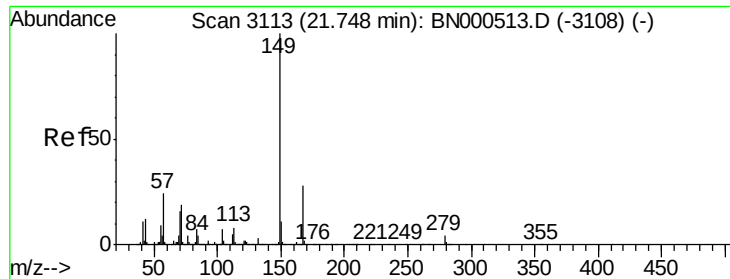
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#80
Benzo(a)anthracene
Concen: 1.223 ng/ul
RT: 21.89 min Scan# 3137
Delta R.T. 0.02 min
Lab File: BN000523.D
Acq: 21 Mar 2018 17:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	55.2	16.0	24.0#
226	46.3	21.8	32.8#





#81

Bis(2-ethylhexyl)phthalate

Concen: 27.330 ng/ul

RT: 21.76 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Instrument :

BNA_N

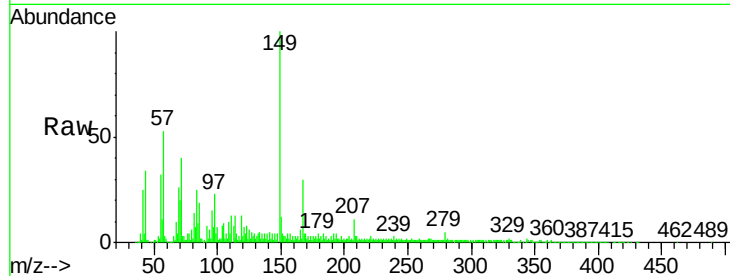
ClientSampleId :

DAM42

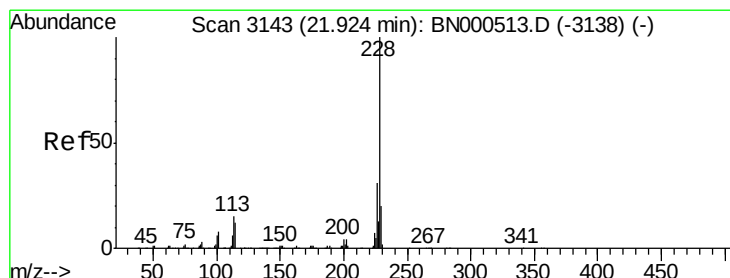
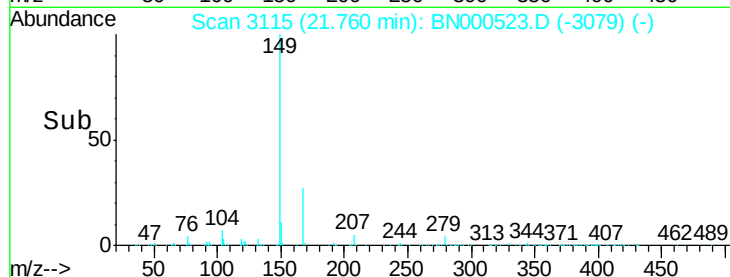
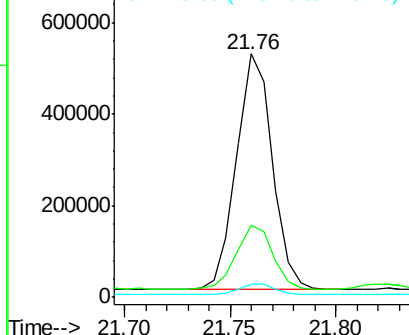
Tot Ion:	149	Resp:	603840
Ion Ratio	Lower	Upper	
149	100		
167	29.8	23.0	34.6
279	5.4	4.3	6.5

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#82

Chrysene

Concen: 1.466 ng/ul

RT: 21.94 min Scan# 3146

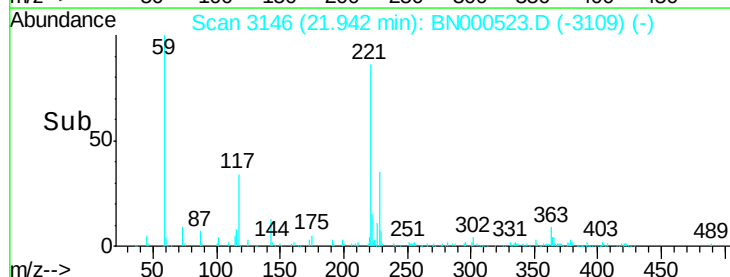
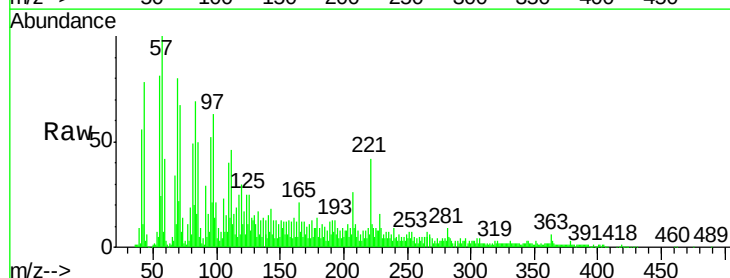
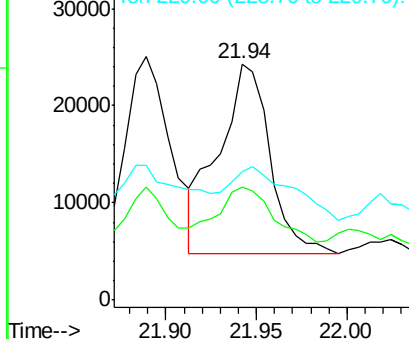
Delta R.T. 0.02 min

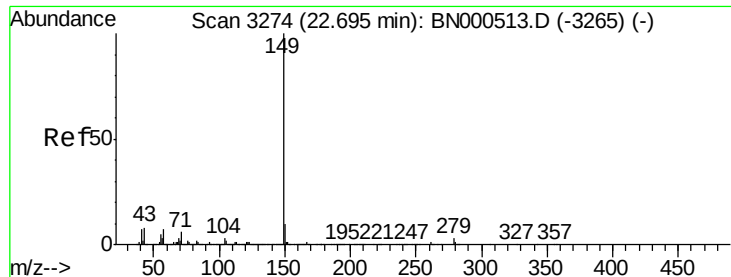
Lab File: BN000523.D

Acq: 21 Mar 2018 17:01

Tgt Ion:	228	Resp:	38419
Ion Ratio	Lower	Upper	
228	100		
226	48.1	24.1	36.1#
229	54.2	16.0	24.0#

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#84
 Di-n-octyl phthalate
 Concen: 13.133 ng/ul
 RT: 22.72 min Scan# 3278
 Delta R.T. 0.02 min
 Lab File: BN000523.D
 Acq: 21 Mar 2018 17:01

Instrument :
 BNA_N
 ClientSampleId :
 DAM42

Tgt Ion:149 Resp: 483102

Manual Integrations
 APPROVED

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