

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000514.D
 Acq On : 21 Mar 2018 11:52
 Operator : JU/SJ
 Sample : J1905-15
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM50

Manual Integrations
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Quant Time: Mar 23 11:54:32 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	8.43	152	217495	20.00	ng/ul	0.02
18) Naphthalene-d8	11.29	136	572521	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.06	164	346335	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.90	188	628608m	20.00	ng/ul	0.14
75) Chrysene-d12	21.90	240	604244m	20.00	ng/ul	0.01
83) Perylene-d12	24.38	264	631510	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	40742m	6.69	ng/uL	0.00
5) Phenol-d5	7.73	99	678352m	33.43	ng/ul	0.18
7) Bis-(2-Chloroethyl)ether-d	7.73	67	441554	37.73	ng/ul	0.01
9) 2-Chlorophenol-d4	7.98	132	422467	27.54	ng/ul	0.05
13) 4-Methylphenol-d8	9.23	113	349523m	22.11	ng/ul	0.10
19) Nitrobenzene-d5	9.63	128	239043	51.41	ng/ul	0.03
22) 2-Nitrophenol-d4	10.36	143	207581	43.09	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.96	165	443990	51.42	ng/ul	0.09
29) 4-Chloroaniline-d4	11.38	131	410639	46.33	ng/ul	0.00
43) Dimethylphthalate-d6	14.45	166	902302	32.98	ng/ul	0.03
46) Acenaphthylene-d8	14.76	160	1292020	35.79	ng/ul	0.03
51) 4-Nitrophenol-d4	15.26	143	93887	18.48	ng/ul	0.04
57) Fluorene-d10	16.06	176	856216	36.72	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	16.21	200	341960	94.99	ng/ul	0.08
70) Anthracene-d10	17.98	188	1088397m	36.02	ng/ul	0.12
76) Pyrene-d10	20.14	212	1133949m	33.99	ng/ul	0.03
87) Benzo(a)pyrene-d12	24.22	264	1033336	34.67	ng/ul	0.01
Target Compounds						
6) Phenol	7.74	94	53756m	2.597	ng/ul	
21) Isophorone	10.21	82	6133585	280.315	ng/ul#	88
27) 2,4-Dichlorophenol	10.99	162	181048m	21.604	ng/ul	
28) Naphthalene	11.34	128	2019817	67.181	ng/ul	96
34) 2-Methylnaphthalene	12.92	142	3386222	168.697	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	242743m	34.394	ng/ul	
39) 2,4,5-Trichlorophenol	13.64	196	196835m	26.747	ng/ul	
40) 1,1'-Biophenyl	13.90	154	422214	14.321	ng/ul#	77
49) Acenaphthene	15.12	153	275115m	11.411	ng/ul	
55) 2,3,4,6-Tetrachlorophenol	15.76	232	14381495m	2559.158	ng/ul	
58) Fluorene	16.11	166	358602	13.780	ng/ul#	78
68) Pentachlorophenol	17.52	266	38491818m	10776.858	ng/ul	
69) Phenanthrene	17.93	178	1646688m	45.471	ng/ul	
71) Anthracene	18.01	178	299066m	8.054	ng/ul	
72) Carbazole	18.23	167	306338	9.620	ng/ul#	65
74) Fluoranthene	19.81	202	844067m	23.456	ng/ul	
77) Pyrene	20.17	202	738533m	16.734	ng/ul	
80) Benzo(a)anthracene	21.88	228	77921m	1.935	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.75	149	217731	6.841	ng/ul	95
82) Chrysene	21.93	228	84265m	2.233	ng/ul	
84) Di-n-octyl phthalate	22.71	149	128054	2.409	ng/ul	100
85) Benzo(b)fluoranthene	23.62	252	46870	1.175	ng/ul#	20

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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

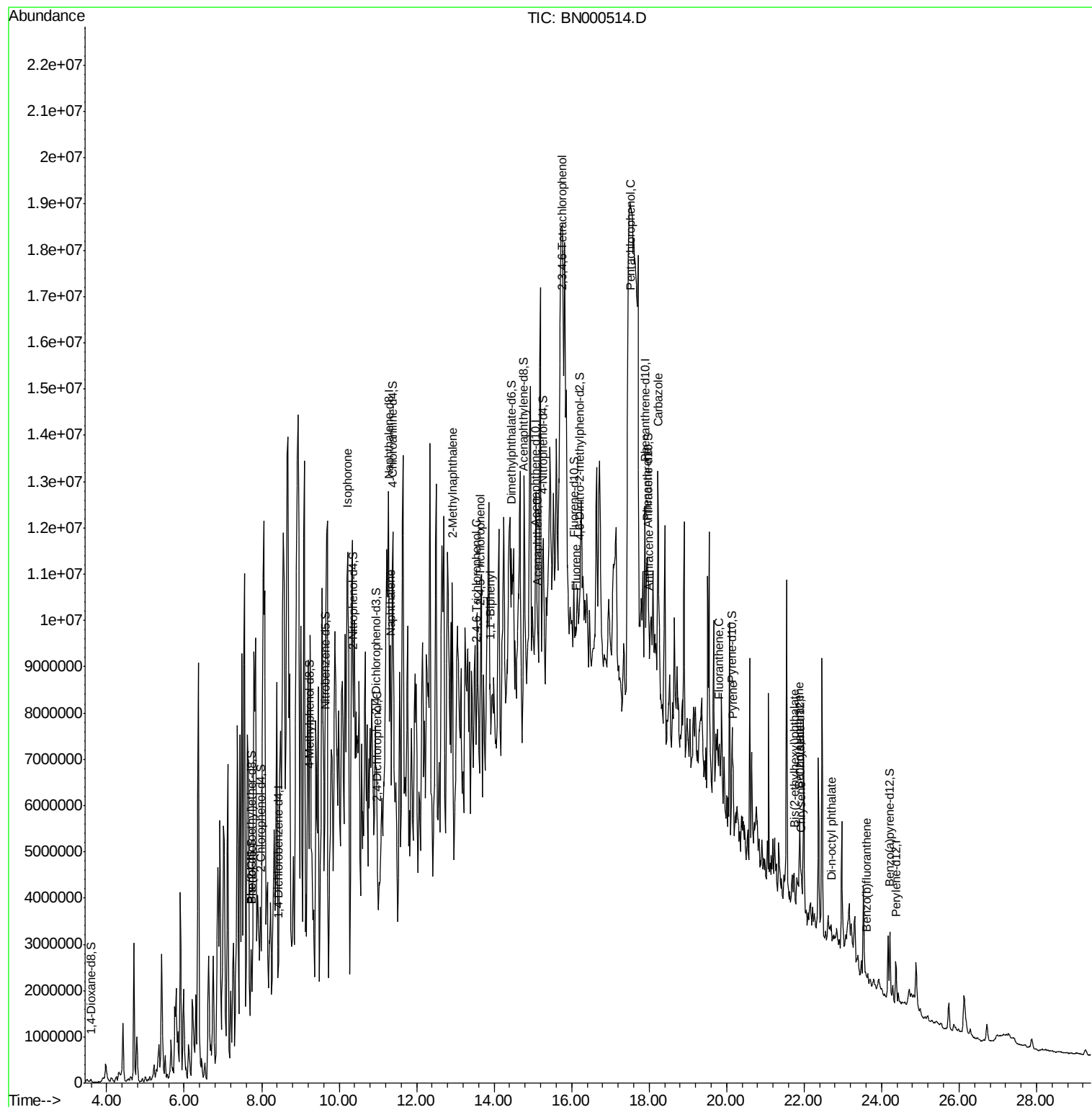
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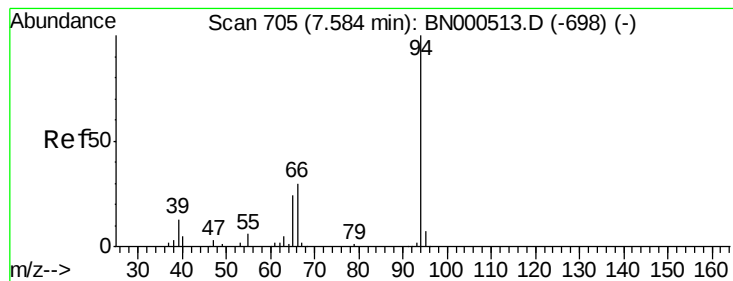
Instrument :
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#6

Phenol

Concen: 2.597 ng/ul m

RT: 7.74 min Scan# 731

Delta R.T. 0.15 min

Lab File: BN000514.D

Acq: 21 Mar 2018 11:52

Instrument :

BNA_N

ClientSampled :

DAM50

Tot Ion: 94 Resp: 53756

Ion Ratio Lower Upper

94 100

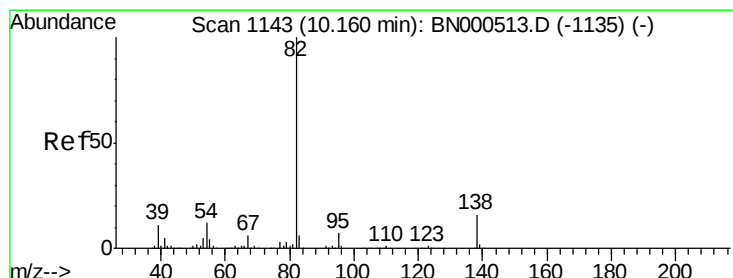
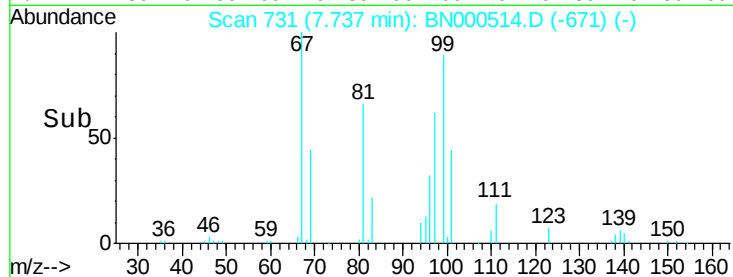
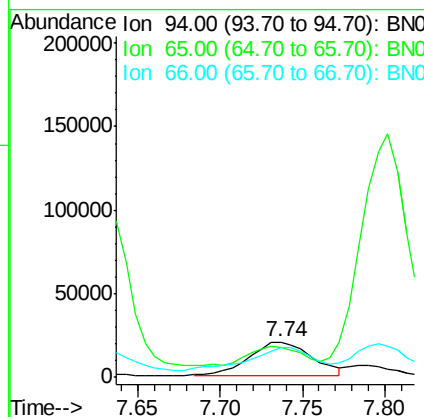
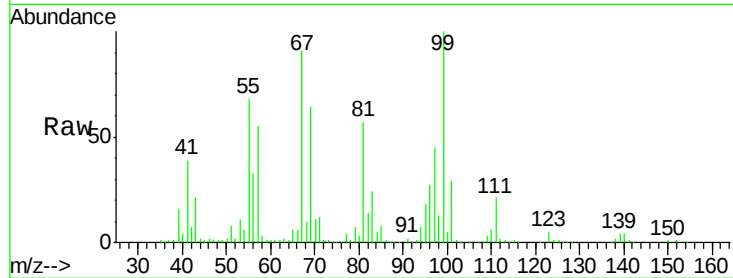
65 84.4 23.0 34.6#

66 82.6 30.4 45.6#

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#21

Isophorone

Concen: 280.315 ng/ul

RT: 10.21 min Scan# 1152

Delta R.T. 0.05 min

Lab File: BN000514.D

Acq: 21 Mar 2018 11:52

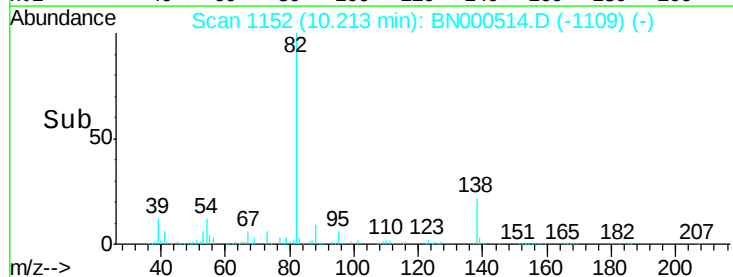
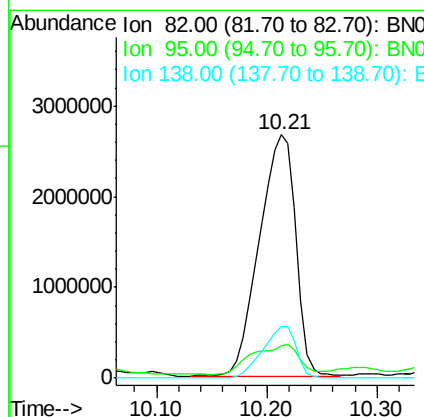
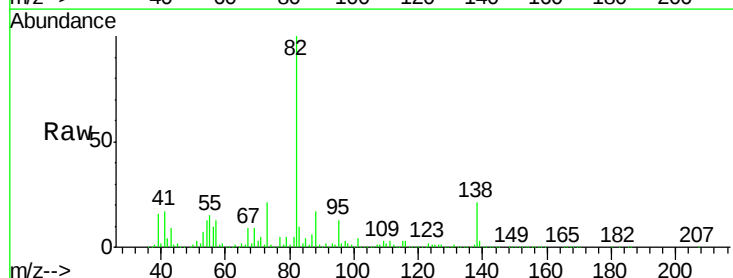
Tgt Ion: 82 Resp: 6133585

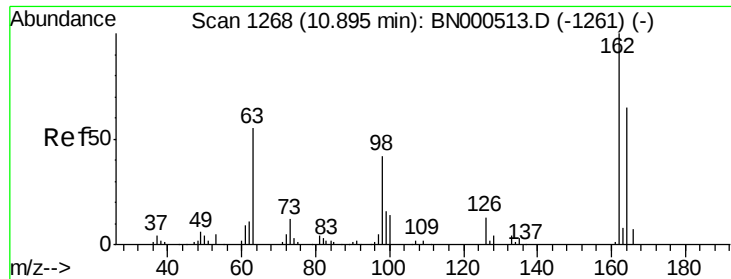
Ion Ratio Lower Upper

82 100

95 13.1 6.1 9.1#

138 21.2 13.5 20.3#





#27

2,4-Dichlorophenol

Concen: 21.604 ng/ul m

RT: 10.99 min Scan# 1284

Delta R.T. 0.09 min

Lab File: BN000514.D

Acq: 21 Mar 2018 11:52

Instrument :

BNA_N

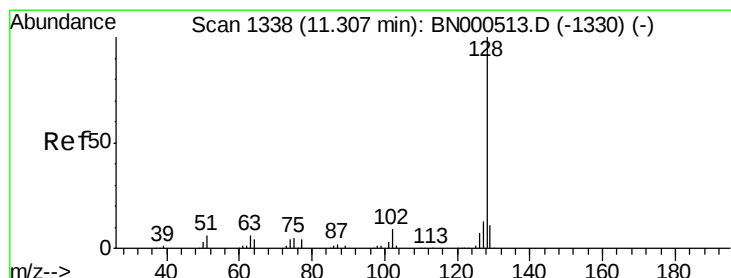
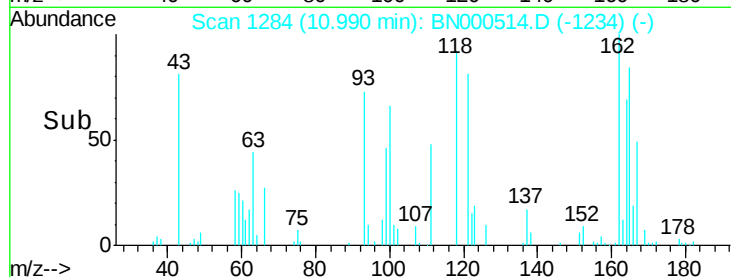
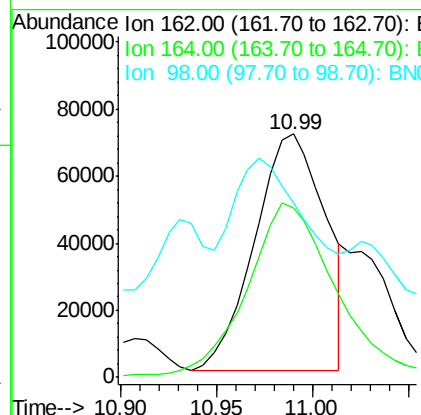
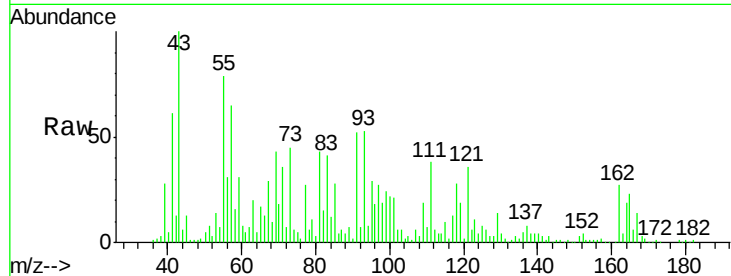
ClientSampled :

DAM50

Tot Ion:	162	Resp:	181048
Ion Ratio	Lower	Upper	
162	100		
164	69.7	52.0	78.0
98	71.4	26.6	39.8#

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#28

Naphthalene

Concen: 67.181 ng/ul

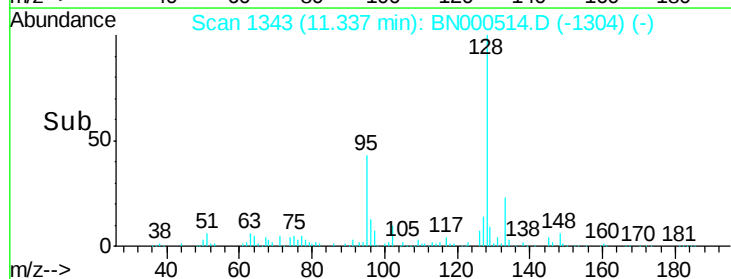
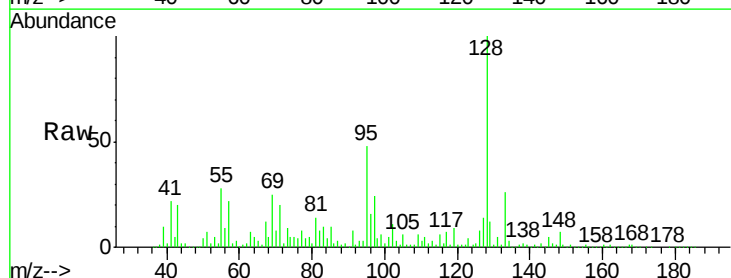
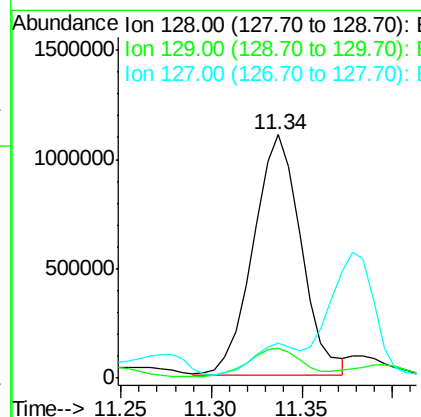
RT: 11.34 min Scan# 1343

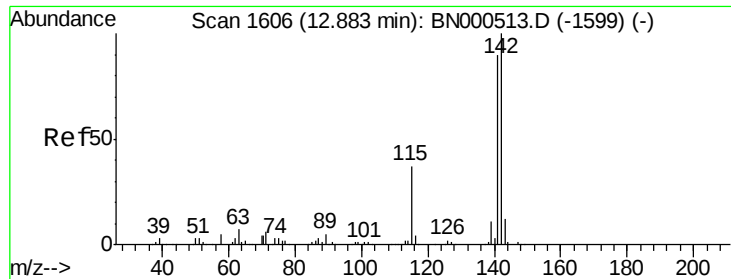
Delta R.T. 0.03 min

Lab File: BN000514.D

Acq: 21 Mar 2018 11:52

Tgt Ion:	128	Resp:	2019817
Ion Ratio	Lower	Upper	
128	100		
129	12.5	8.3	12.5
127	14.4	10.8	16.2





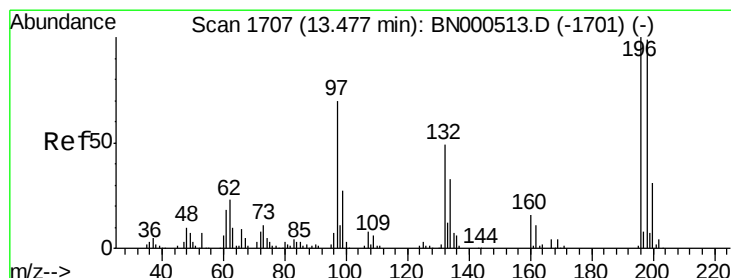
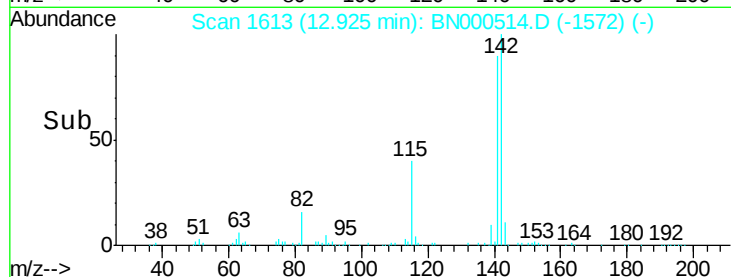
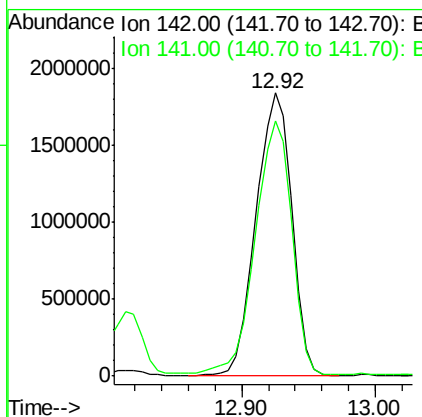
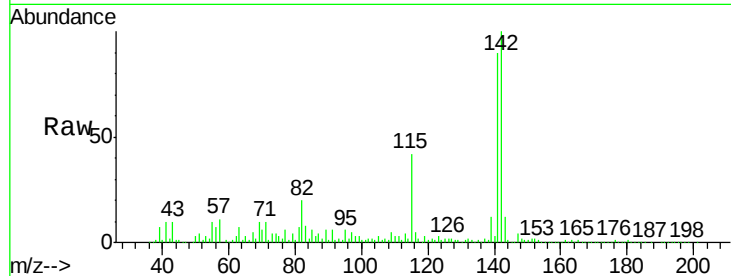
#34
 2-Methylnaphthalene
 Concen: 168.697 ng/ul
 RT: 12.92 min Scan# 1613
 Delta R.T. 0.04 min
 Lab File: BN000514.D
 Acq: 21 Mar 2018 11:52

Instrument :
 BNA_N
 ClientSampleId :
 DAM50

Tot Ion:142 Resp: 3386222
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.4 107.2

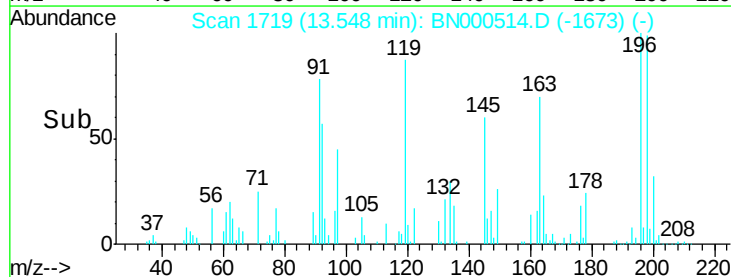
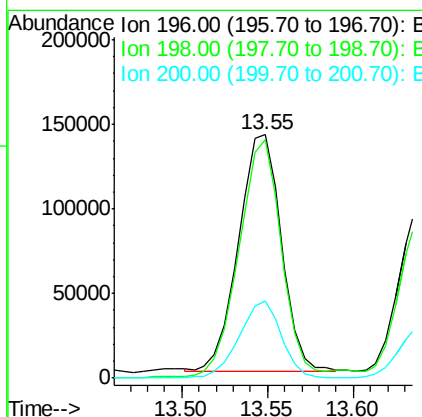
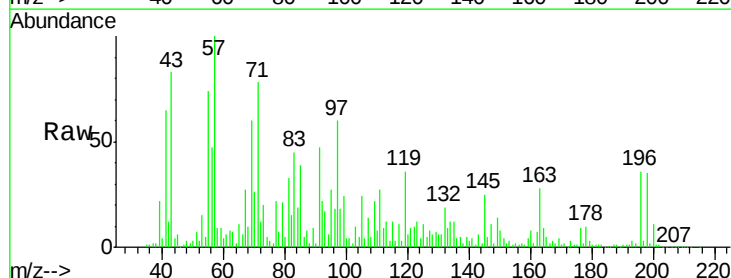
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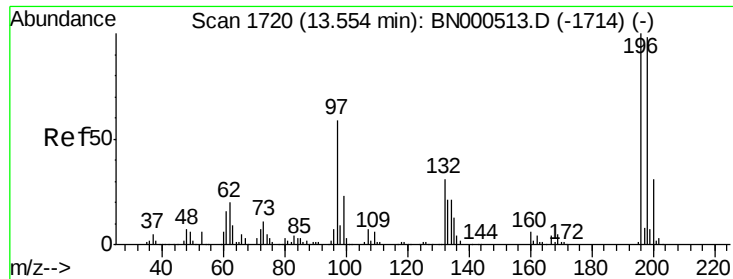
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#38
 2,4,6-Trichlorophenol
 Concen: 34.394 ng/ul m
 RT: 13.55 min Scan# 1719
 Delta R.T. 0.07 min
 Lab File: BN000514.D
 Acq: 21 Mar 2018 11:52

Tgt Ion:196 Resp: 242743
 Ion Ratio Lower Upper
 196 100
 198 97.9 75.9 113.9
 200 31.7 25.8 38.6





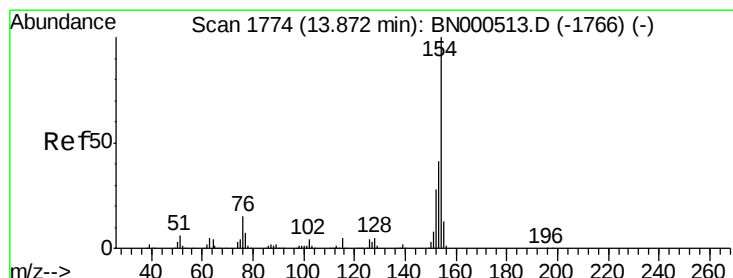
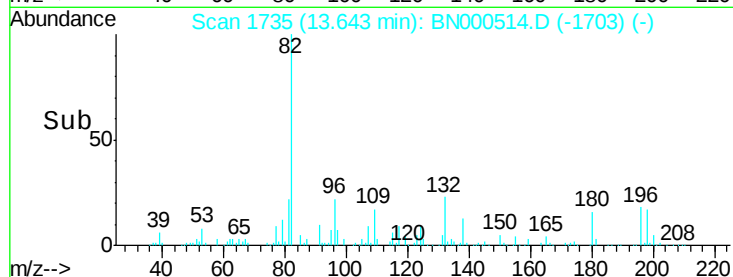
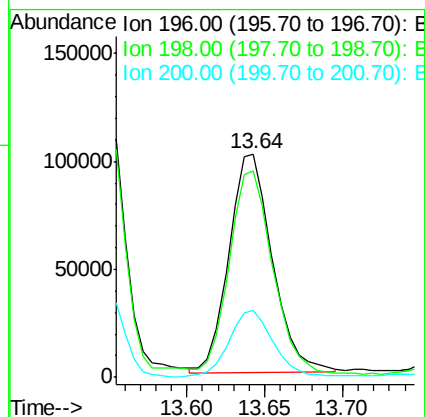
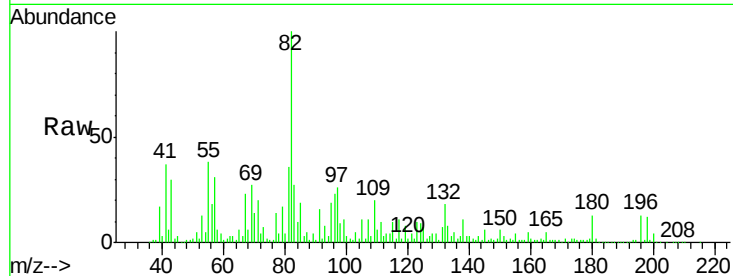
#39
 2,4,5-Trichlorophenol
 Concen: 26.747 ng/ul m
 RT: 13.64 min Scan# 1735
 Delta R.T. 0.09 min
 Lab File: BN000514.D
 Acq: 21 Mar 2018 11:52

Instrument :
 BNA_N
 ClientSampled :
 DAM50

Tot Ion	Ratio	Resp	Lower	Upper
196	100	196835		
198	92.6	74.7	112.1	
200	29.8	25.4	38.0	

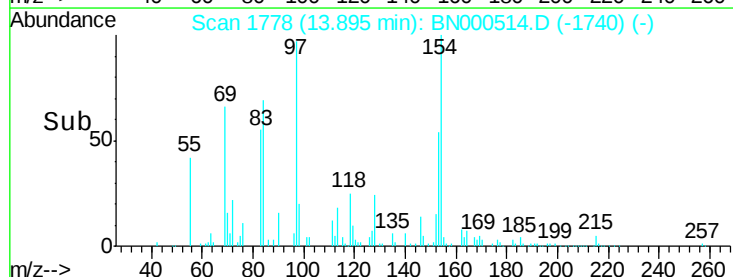
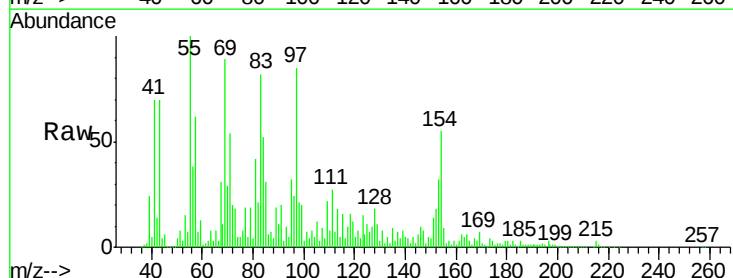
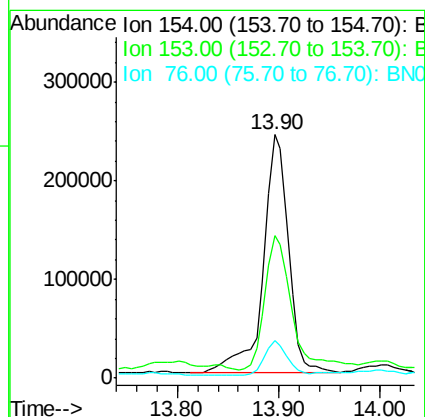
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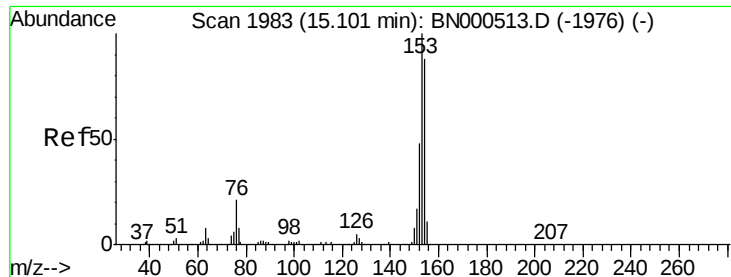
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#40
 1,1'-Biphenyl
 Concen: 14.321 ng/ul
 RT: 13.90 min Scan# 1778
 Delta R.T. 0.02 min
 Lab File: BN000514.D
 Acq: 21 Mar 2018 11:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	422214		
153	58.7	34.0	51.0#	
76	15.5	8.4	12.6#	





#49

Acenaphthene

Concen: 11.411 ng/ul m

RT: 15.12 min Scan# 1987

Delta R.T. 0.02 min

Lab File: BN000514.D

Acq: 21 Mar 2018 11:52

Instrument :

BNA_N

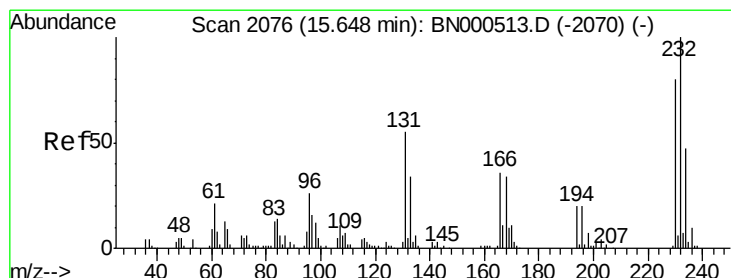
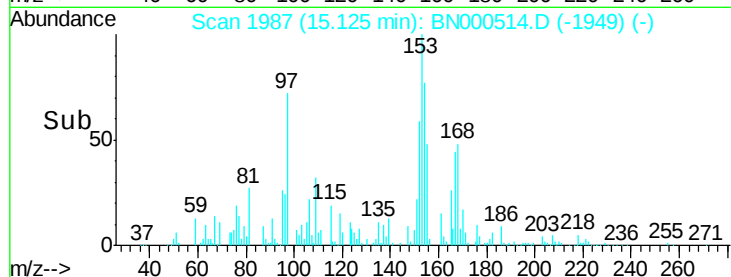
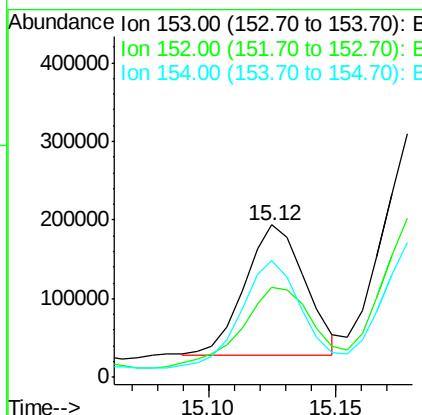
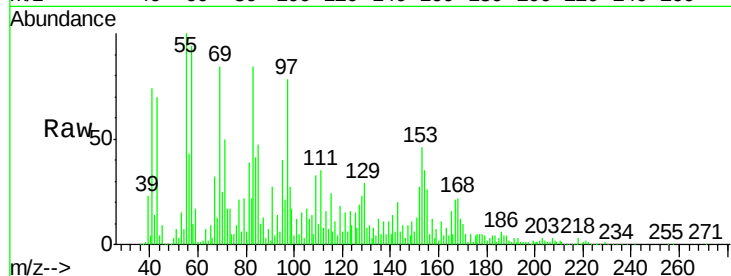
ClientSampled :

DAM50

Tot Ion:	153	Resp:	275115
Ion Ratio	Lower	Upper	
153	100		
152	58.7	37.9	56.9#
154	76.7	69.8	104.6

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2559.158 ng/ul m

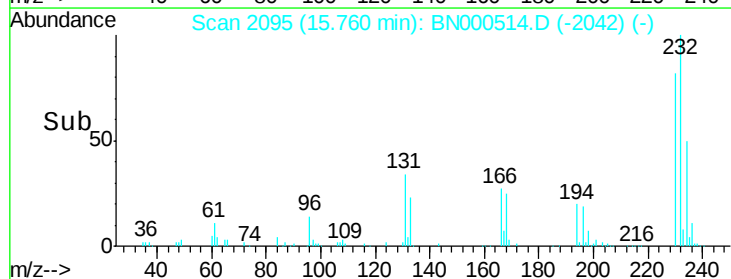
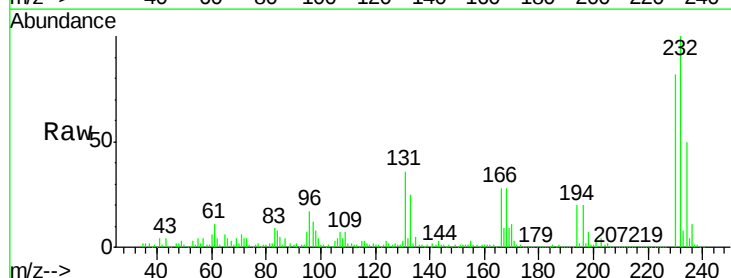
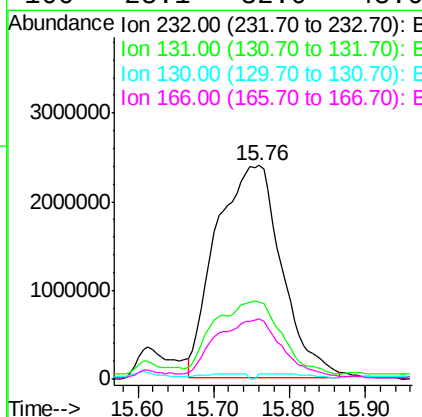
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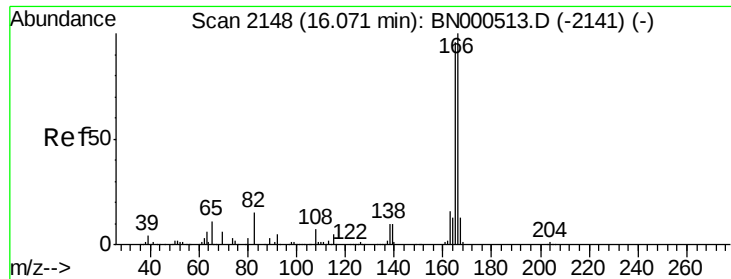
Delta R.T. 0.11 min

Lab File: BN000514.D

Acq: 21 Mar 2018 11:52

Tgt Ion:	232	Resp:	14381495
Ion Ratio	Lower	Upper	
232	100		
131	36.2	48.0	72.0#
130	2.6	4.0	6.0#
166	28.1	32.0	48.0#





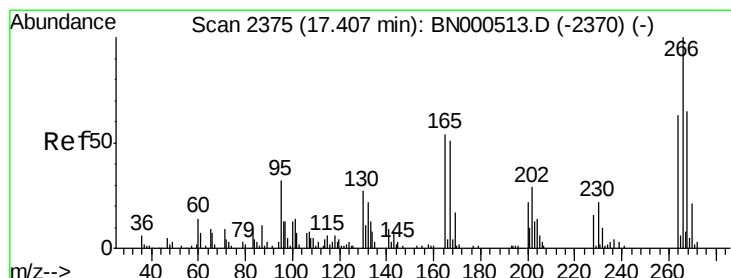
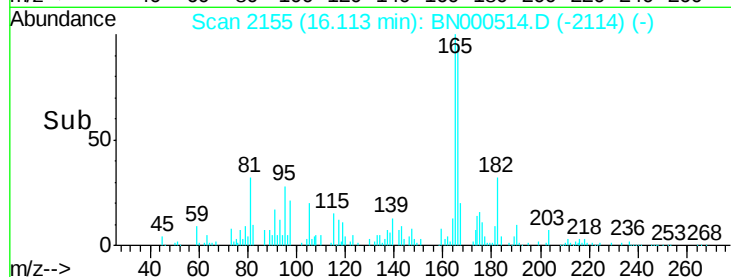
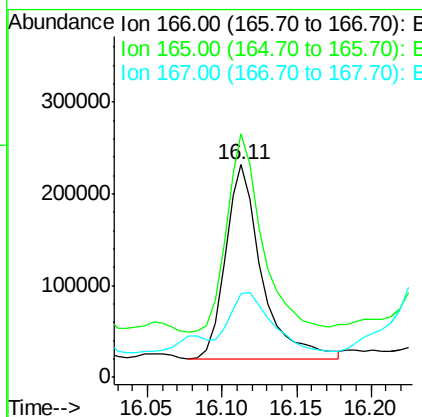
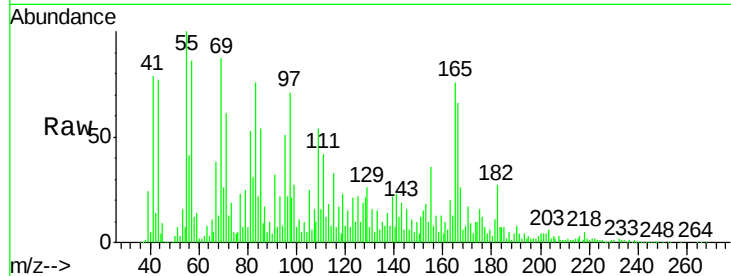
#58
 Fluorene
 Concen: 13.780 ng/ul
 RT: 16.11 min Scan# 2155
 Delta R.T. 0.04 min
 Lab File: BN000514.D
 Acq: 21 Mar 2018 11:52

Instrument :
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 ClientSampled :
 DAM50

Tot Ion	Ratio	Lower	Upper
166	100		
165	114.5	78.4	117.6
167	39.1	11.1	16.7#

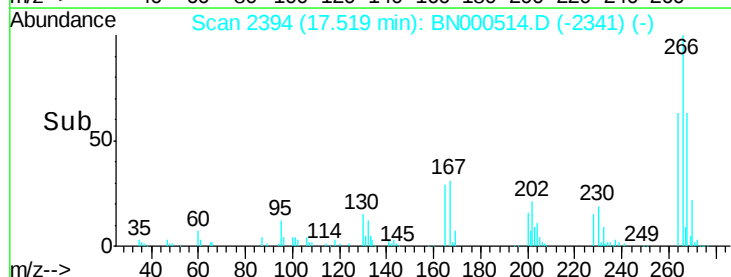
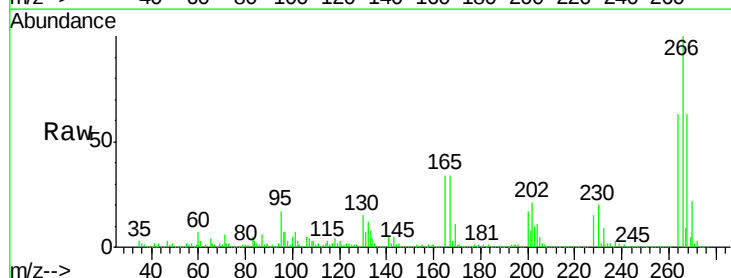
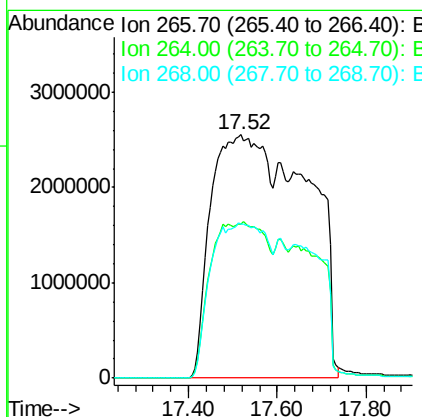
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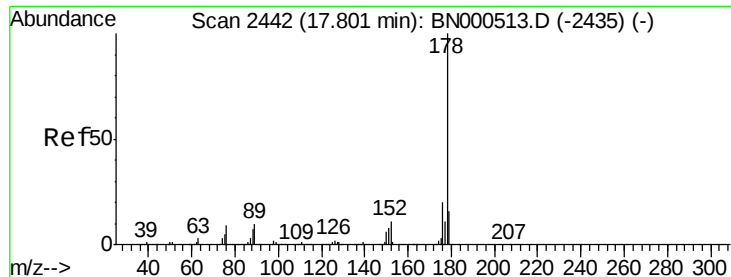
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#68
 Pentachlorophenol
 Concen: 10776.858 ng/ul m
 RT: 17.52 min Scan# 2394
 Delta R.T. 0.11 min
 Lab File: BN000514.D
 Acq: 21 Mar 2018 11:52

Tgt Ion	Ratio	Lower	Upper
266	100		
264	63.0	48.2	72.4
268	63.3	52.3	78.5





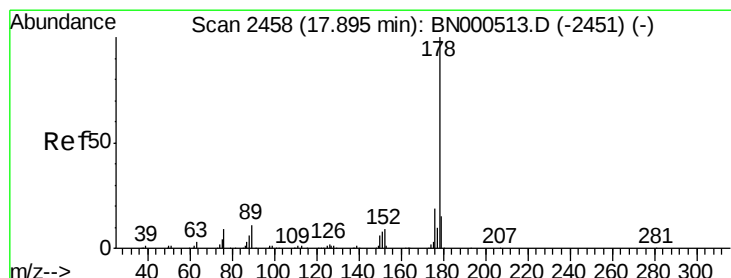
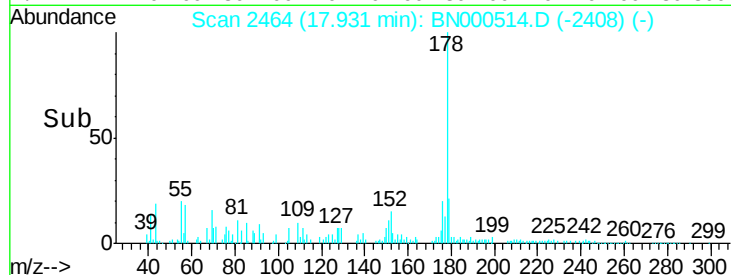
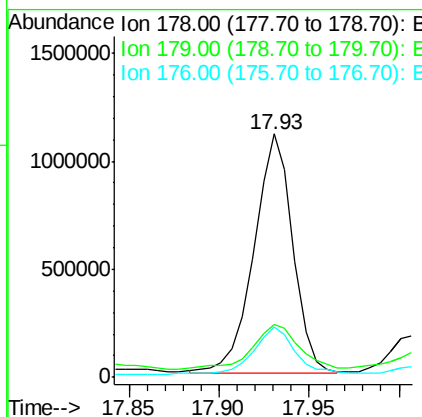
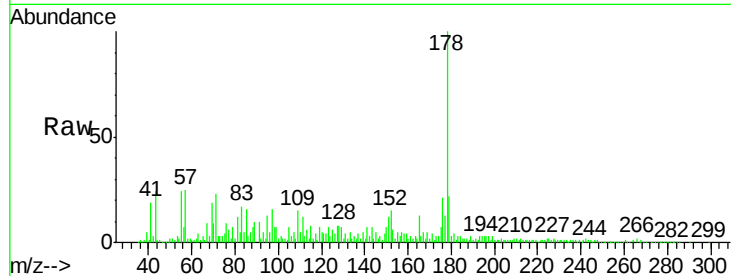
#69
Phenanthrene
Concen: 45.471 ng/ul m
RT: 17.93 min Scan# 2464
Delta R.T. 0.13 min
Lab File: BN000514.D
Acq: 21 Mar 2018 11:52

Instrument :
BNA_N
ClientSampled :
DAM50

Tot Ion:178 Resp: 1646688
Ion Ratio Lower Upper
178 100
179 21.9 12.3 18.5#
176 20.5 15.4 23.0

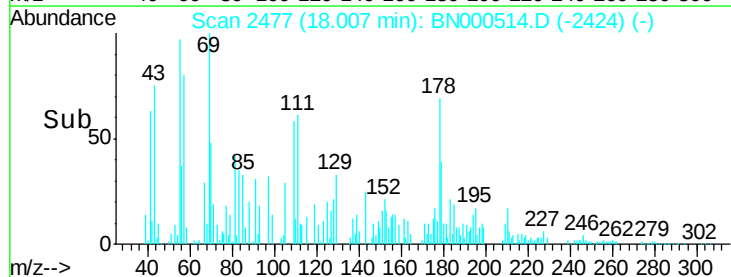
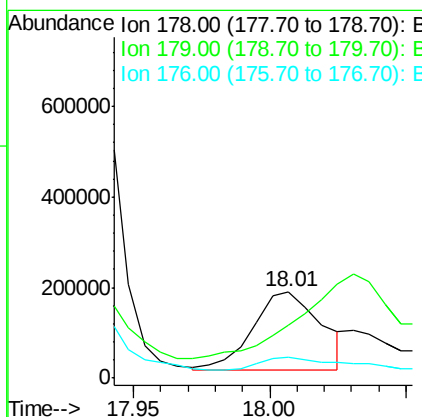
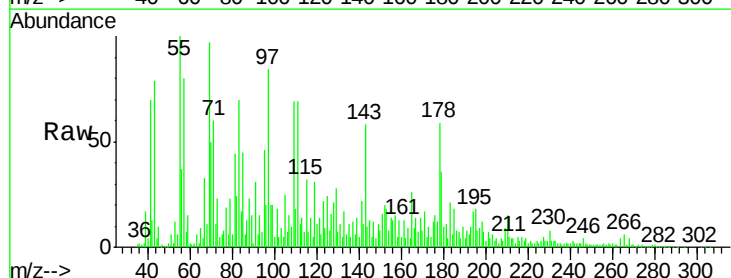
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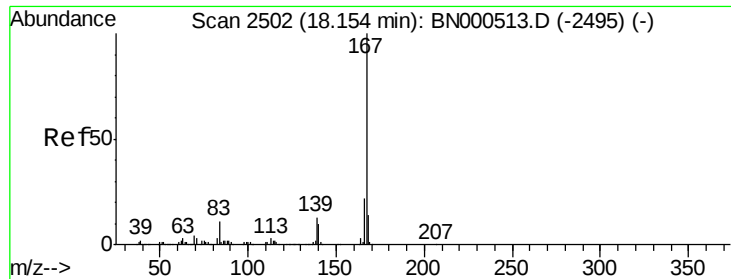
Sohil
3/22/2018 6:48:50 PM



#71
Anthracene
Concen: 8.054 ng/ul m
RT: 18.01 min Scan# 2477
Delta R.T. 0.11 min
Lab File: BN000514.D
Acq: 21 Mar 2018 11:52

Tgt Ion:178 Resp: 299066
Ion Ratio Lower Upper
178 100
179 60.8 13.4 20.2#
176 24.7 15.4 23.0#





#72

Carbazole

Concen: 9.620 ng/ul

RT: 18.23 min Scan# 2515

Delta R.T. 0.08 min

Lab File: BN000514.D

Acq: 21 Mar 2018 11:52

Instrument :

BNA_N

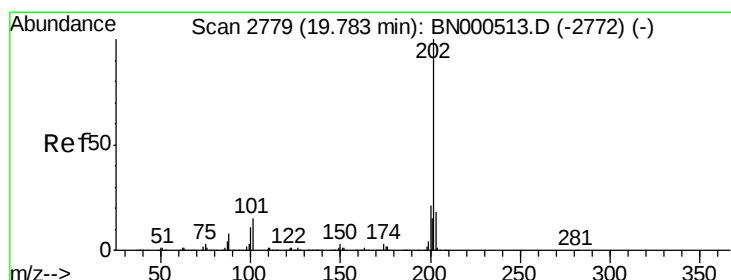
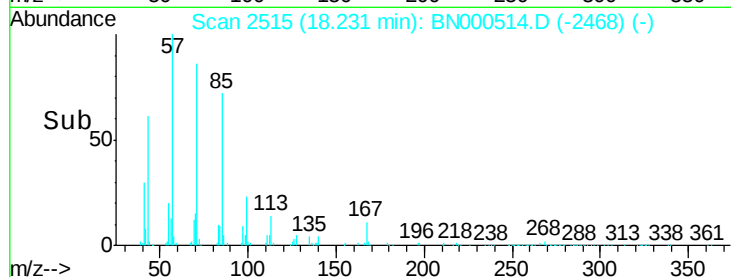
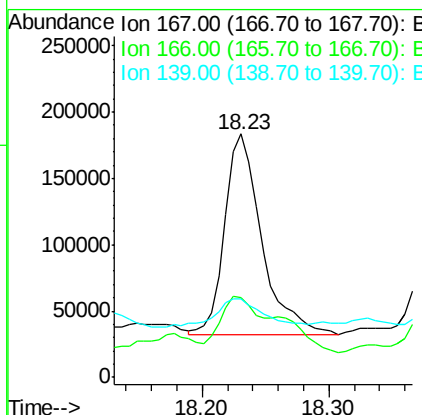
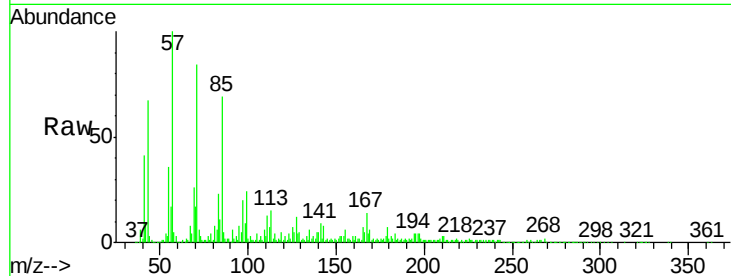
ClientSampled :

DAM50

Tot Ion:	167	Resp:	306338
Ion Ratio	Lower	Upper	
167	100		
166	32.6	17.0	25.4#
139	32.0	9.1	13.7#

Manual Integrations
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#74

Fluoranthene

Concen: 23.456 ng/ul m

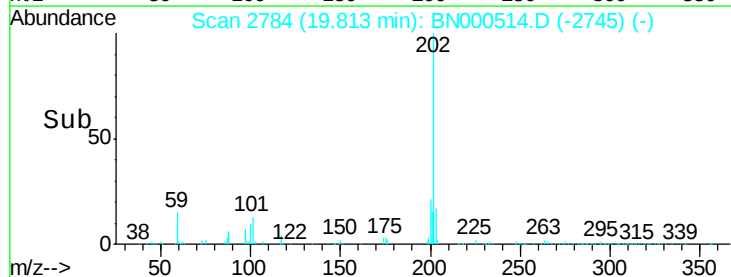
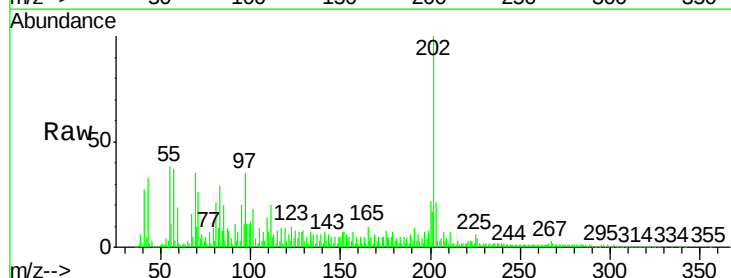
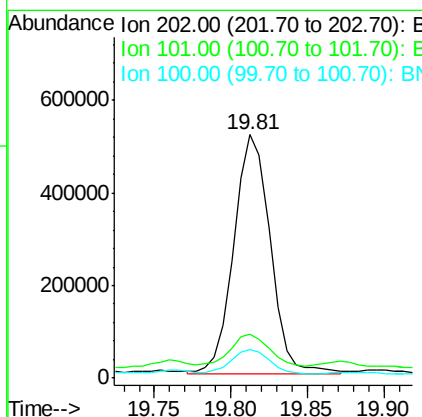
RT: 19.81 min Scan# 2784

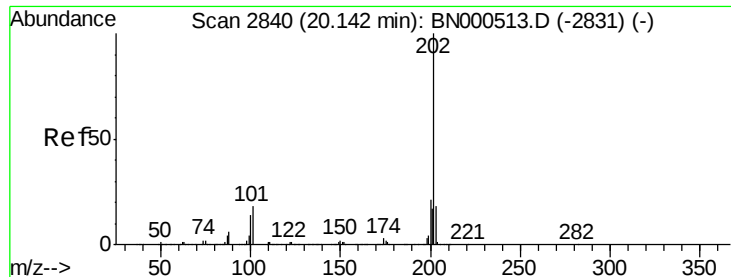
Delta R.T. 0.03 min

Lab File: BN000514.D

Acq: 21 Mar 2018 11:52

Tgt Ion:	202	Resp:	844067
Ion Ratio	Lower	Upper	
202	100		
101	18.3	6.1	9.1#
100	11.9	4.6	7.0#





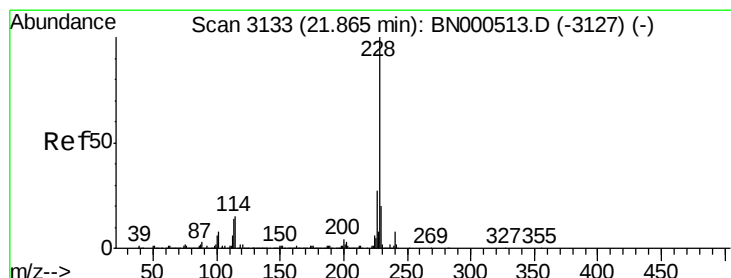
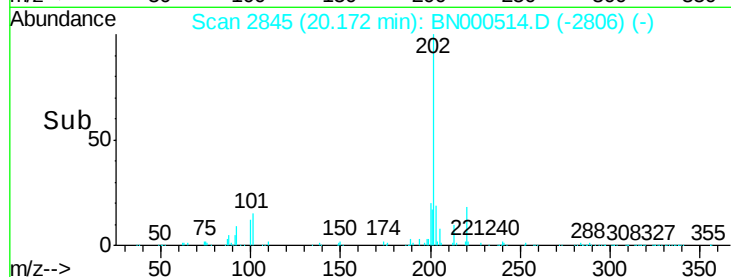
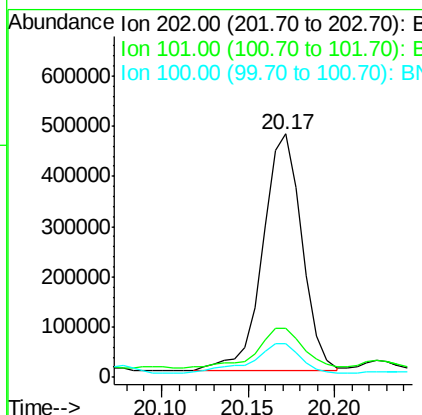
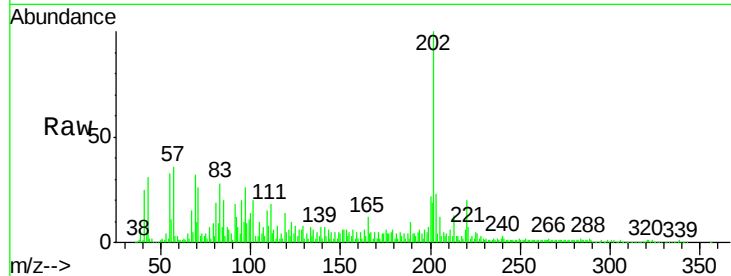
#77
Pvrene
Concen: 16.734 ng/ul m
RT: 20.17 min Scan# 2845
Delta R.T. 0.03 min
Lab File: BN000514.D
Acq: 21 Mar 2018 11:52

Instrument :
BNA_N
ClientSampleId :
DAM50

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	20.1	6.9	10.3#
100	13.8	5.6	8.4#

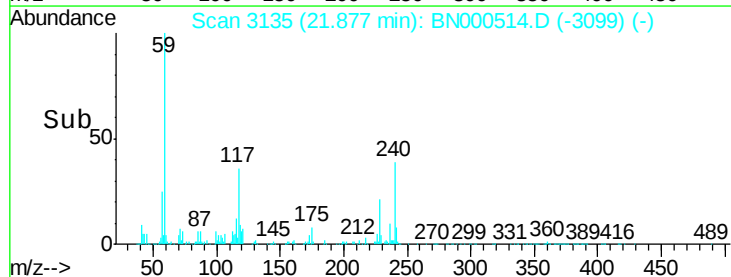
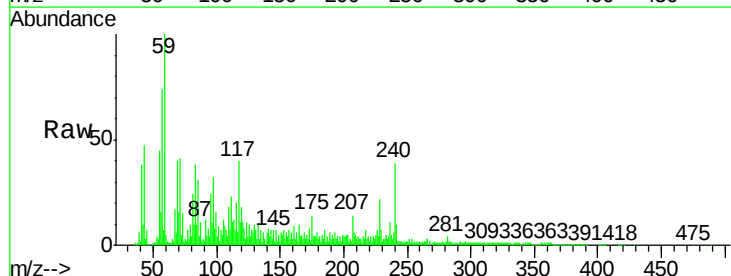
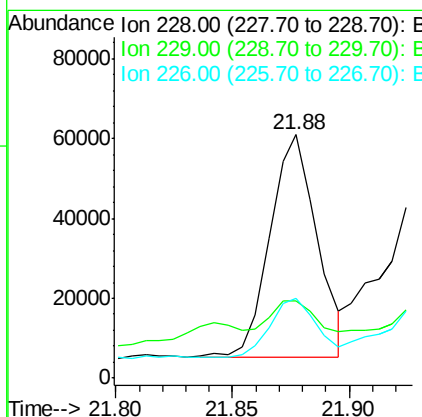
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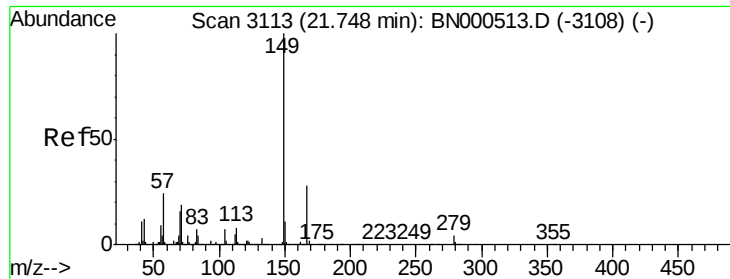
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#80
Benzo(a)anthracene
Concen: 1.935 ng/ul m
RT: 21.88 min Scan# 3135
Delta R.T. 0.01 min
Lab File: BN000514.D
Acq: 21 Mar 2018 11:52

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	31.8	16.0	24.0#
226	32.6	21.8	32.8





#81

Bis(2-ethylhexyl)phthalate

Concen: 6.841 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BN000514.D

Acq: 21 Mar 2018 11:52

Instrument :

BNA_N

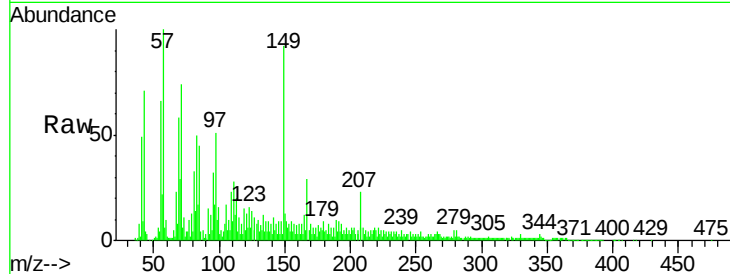
ClientSampled :

DAM50

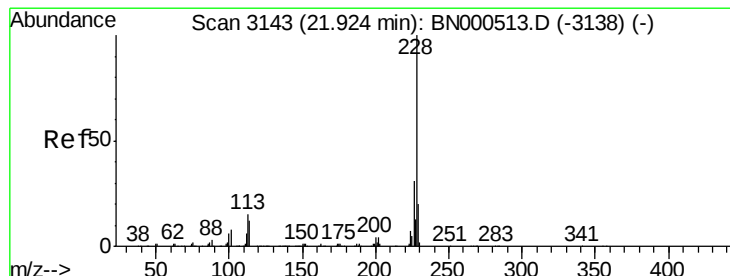
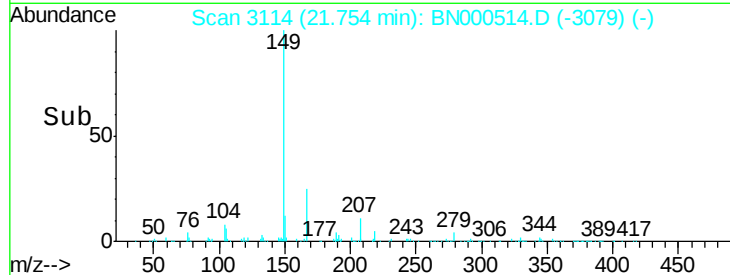
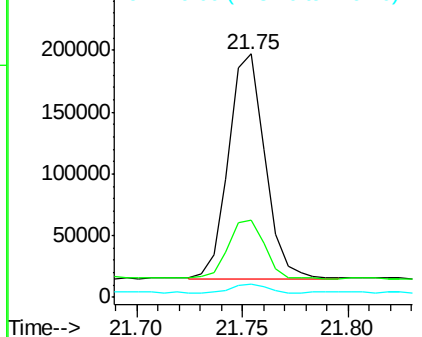
Tot Ion:	149	Resp:	217731
Ion Ratio	Lower	Upper	
149	100		
167	31.7	23.0	34.6
279	5.5	4.3	6.5

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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: 2.233 ng/ul m

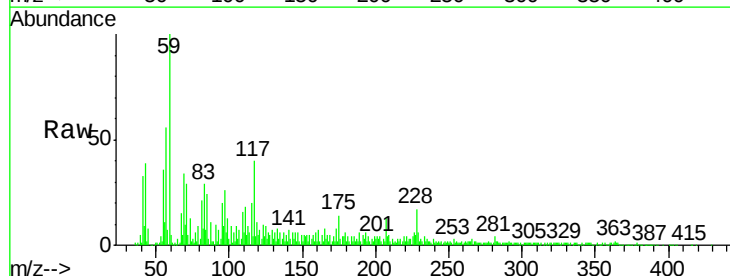
RT: 21.93 min Scan# 3144

Delta R.T. 0.01 min

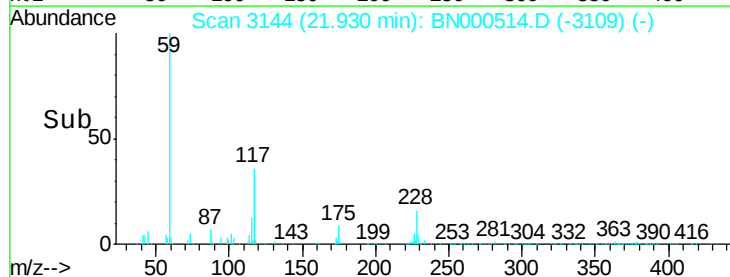
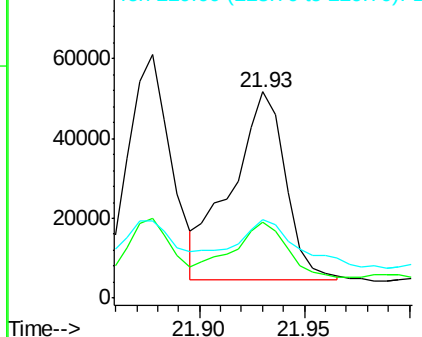
Lab File: BN000514.D

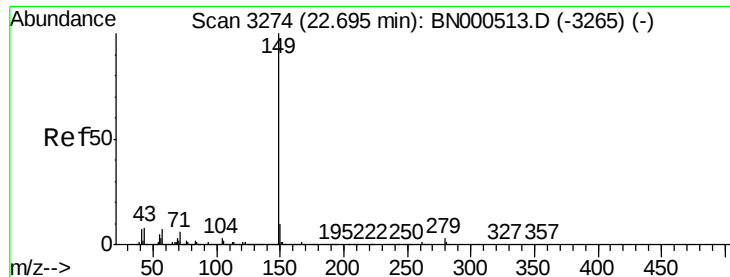
Acq: 21 Mar 2018 11:52

Tgt Ion:	228	Resp:	84265
Ion Ratio	Lower	Upper	
228	100		
226	37.1	24.1	36.1#
229	37.9	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: 2.409 ng/ul

RT: 22.71 min Scan# 3276

Delta R.T. 0.01 min

Lab File: BN000514.D

Acq: 21 Mar 2018 11:52

Instrument :

BNA_N

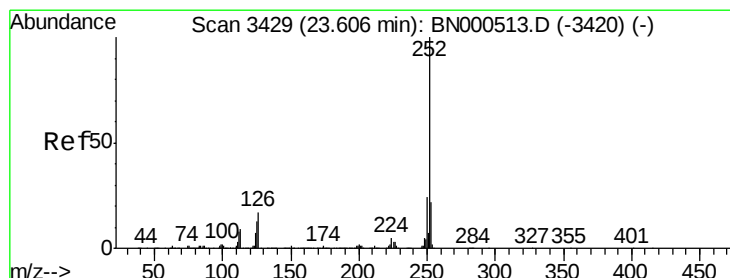
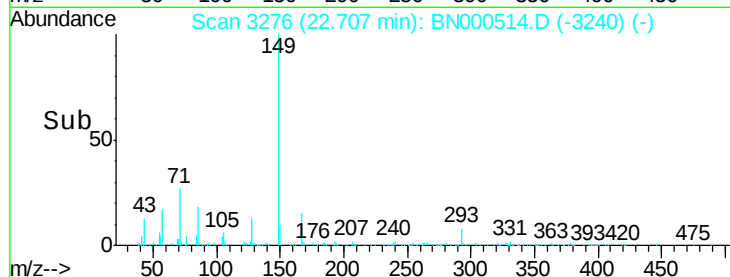
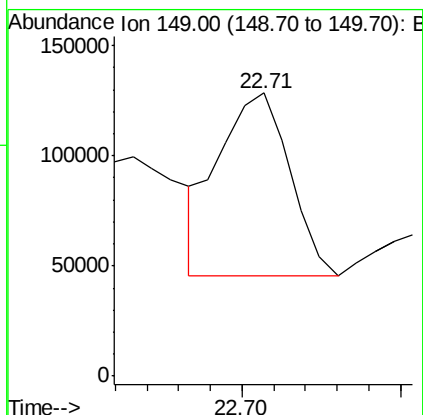
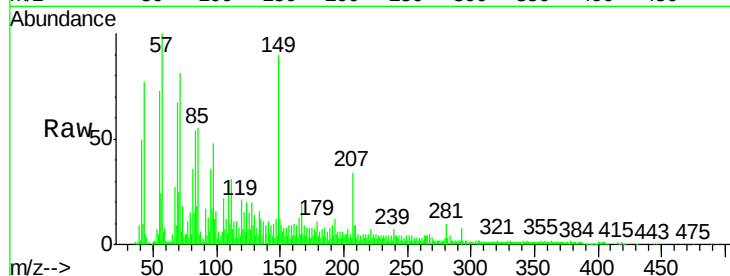
ClientSampleId :

DAM50

Tgt Ion:149 Resp: 128054

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 1.175 ng/ul

RT: 23.62 min Scan# 3431

Delta R.T. 0.01 min

Lab File: BN000514.D

Acq: 21 Mar 2018 11:52

Tgt Ion:252 Resp: 46870

Ion Ratio Lower Upper

252 100

253 40.5 17.4 26.0#

125 82.1 4.9 7.3#

