

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN032218\
 Data File : BN000542.D
 Acq On : 22 Mar 2018 16:12
 Operator : JU/SJ
 Sample : J1905-11DL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DAM46DL

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Quant Time: Mar 23 11:13:00 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 23 02:22:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	144043	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	609484	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	342981	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.78	188	721044	20.00	ng/ul	0.02
75) Chrysene-d12	21.88	240	775565	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	824098	20.00	ng/ul	0.00

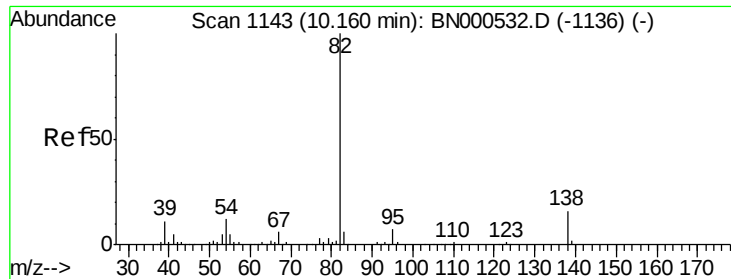
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	826	0.20	ng/uL	0.00
5) Phenol-d5	7.57	99	24178	1.80	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.72	67	30513	3.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	24712	2.43	ng/ul	0.00
13) 4-Methylphenol-d8	9.14	113	24347	2.33	ng/ul	0.00
19) Nitrobenzene-d5	9.60	128	23162	4.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	11404	2.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.88	165	27209	2.96	ng/ul	0.01
29) 4-Chloroaniline-d4	11.35	131	75348	7.99	ng/ul	-0.03
43) Dimethylphthalate-d6	14.42	166	76768	2.83	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	101828	2.85	ng/ul	0.00
51) 4-Nitrophenol-d4	15.23	143	35036	6.96	ng/ul	0.00
57) Fluorene-d10	16.02	176	69877	3.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.16	200	34928	8.46	ng/ul	0.02
70) Anthracene-d10	17.88	188	100251	2.89	ng/ul	0.02
76) Pyrene-d10	20.12	212	112141	2.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	106976	2.75	ng/ul	0.00

Target Compounds

					Qvalue	
21) Isophorone	10.17	82	287581	12.346	ng/ul#	77
28) Naphthalene	11.31	128	336002	10.498	ng/ul#	95
34) 2-Methylnaphthalene	12.89	142	621579	29.088	ng/ul	100
38) 2,4,6-Trichlorophenol	13.49	196	18516	2.649	ng/ul	98
39) 2,4,5-Trichlorophenol	13.57	196	13311	1.826	ng/ul	97
40) 1,1'-Biphenyl	13.88	154	59518	2.038	ng/ul#	94
49) Acenaphthene	15.10	153	57476	2.407	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	15.67	232	2220088	398.923	ng/ul#	86
58) Fluorene	16.08	166	97691	3.791	ng/ul#	87
68) Pentachlorophenol	17.50	266	12203019m	2978.579	ng/ul	
69) Phenanthrene	17.82	178	615497	14.817	ng/ul	96
71) Anthracene	17.91	178	103047m	2.419	ng/ul	
72) Carbazole	18.17	167	38533	1.055	ng/ul#	54
74) Fluoranthene	19.79	202	426708	10.338	ng/ul#	78
77) Pyrene	20.15	202	383145	6.764	ng/ul#	75
80) Benzo(a)anthracene	21.87	228	78730	1.524	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.75	149	408879	10.009	ng/ul#	99
82) Chrysene	21.92	228	75665	1.562	ng/ul#	92
84) Di-n-octyl phthalate	22.70	149	186436	2.688	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	53164	1.021	ng/ul#	69

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



#21

Isophorone

Concen: 12.346 ng/ul

RT: 10.17 min Scan# 1144

Delta R.T. 0.01 min

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Tgt Ion: 82 Resp: 287581
Ion Ratio Lower Upper

82 100

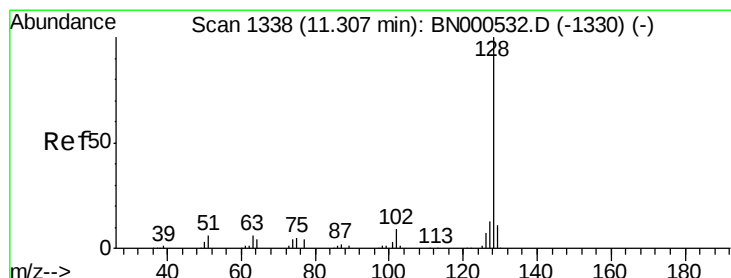
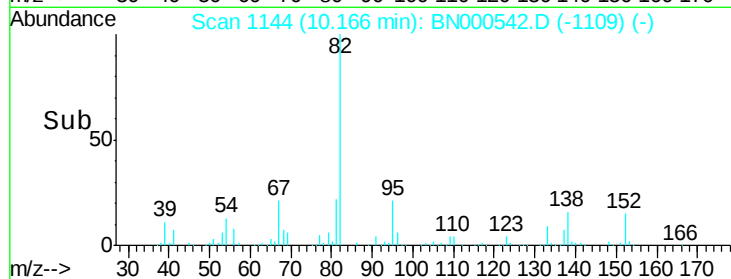
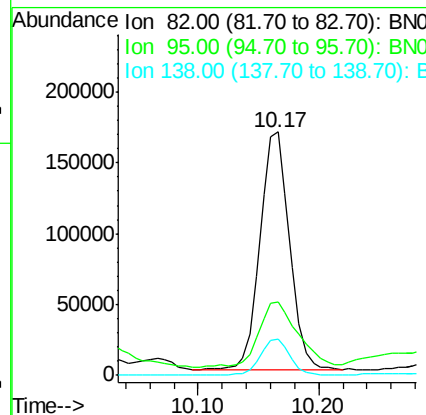
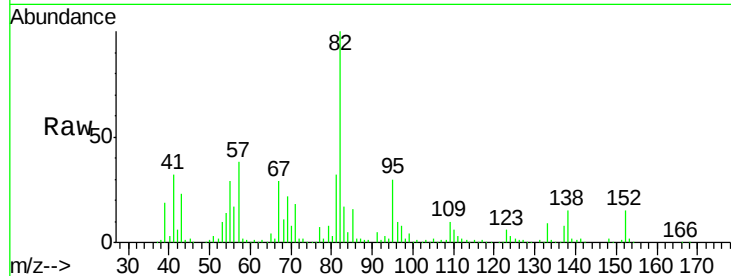
95 30.0 6.1 9.1#

138 15.1 13.5 20.3

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#28

Naphthalene

Concen: 10.498 ng/ul

RT: 11.31 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BN000542.D

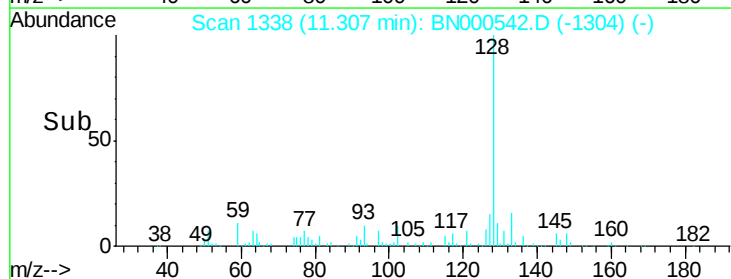
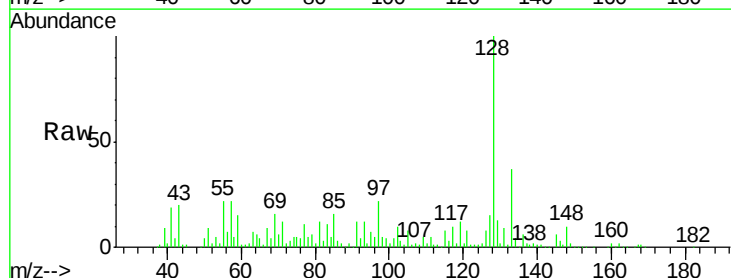
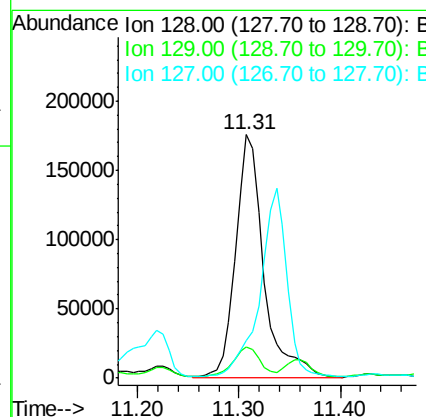
Acq: 22 Mar 2018 16:12

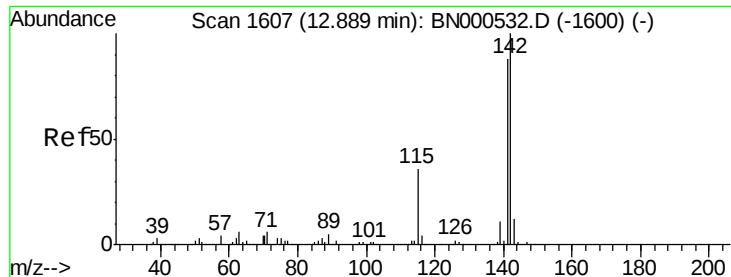
Tgt Ion: 128 Resp: 336002
Ion Ratio Lower Upper

128 100

129 12.7 8.3 12.5#

127 15.3 10.8 16.2





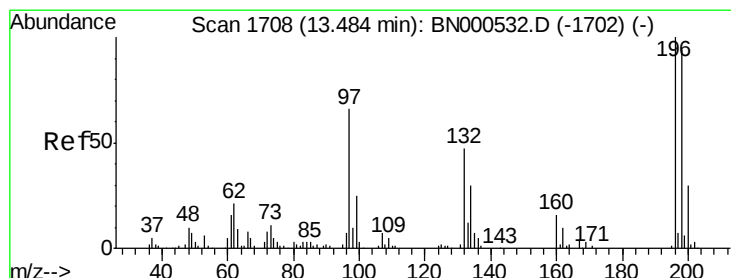
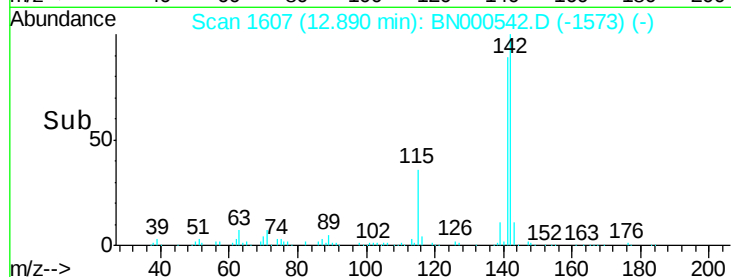
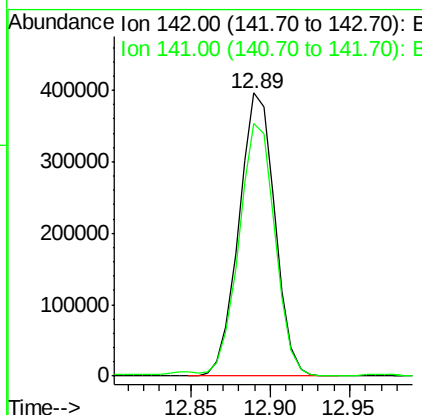
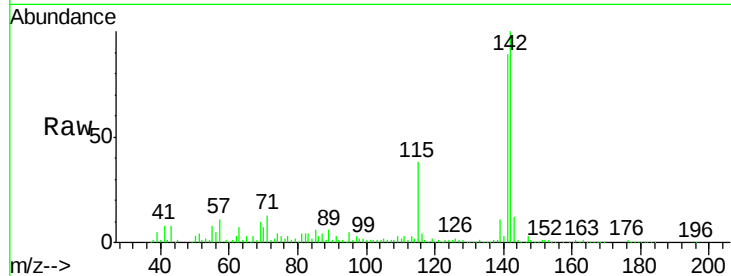
#34
 2-Methylnaphthalene
 Concen: 29.088 ng/ul
 RT: 12.89 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BN000542.D
 Acq: 22 Mar 2018 16:12

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 ClientSampleId :
 DAM46DL

Tgt Ion:142 Resp: 621579
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.4 107.2

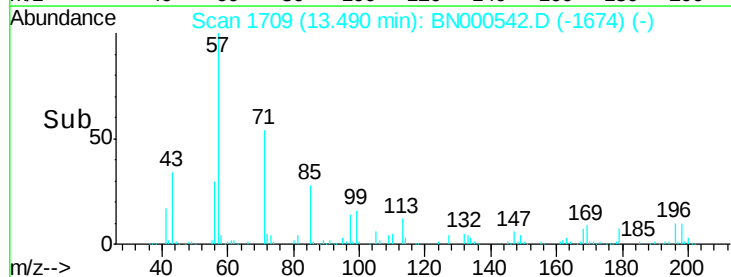
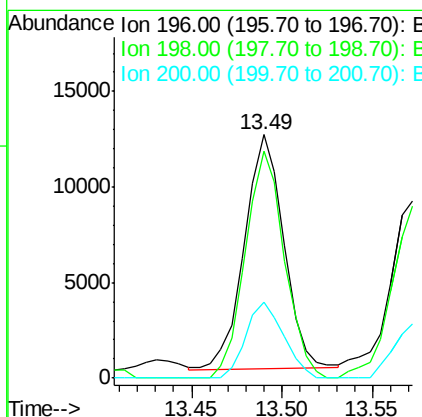
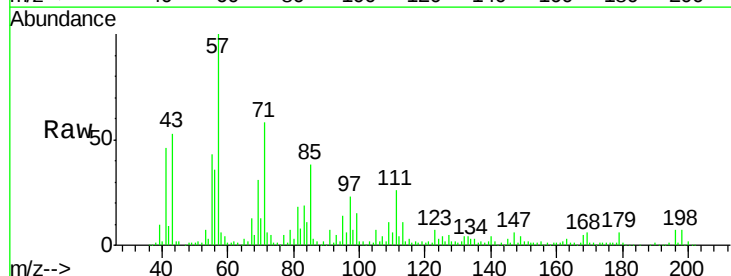
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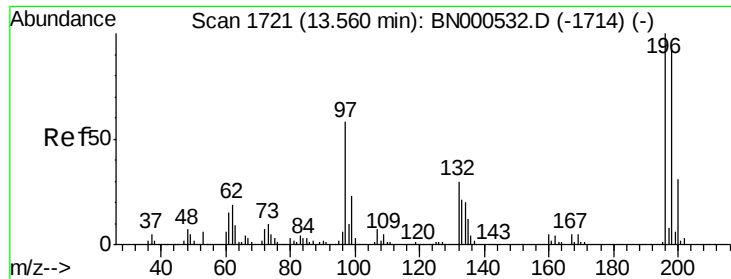
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#38
 2,4,6-Trichlorophenol
 Concen: 2.649 ng/ul
 RT: 13.49 min Scan# 1709
 Delta R.T. 0.01 min
 Lab File: BN000542.D
 Acq: 22 Mar 2018 16:12

Tgt Ion:196 Resp: 18516
 Ion Ratio Lower Upper
 196 100
 198 93.2 75.9 113.9
 200 31.0 25.8 38.6





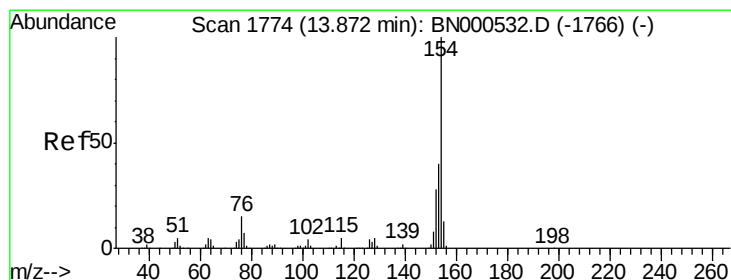
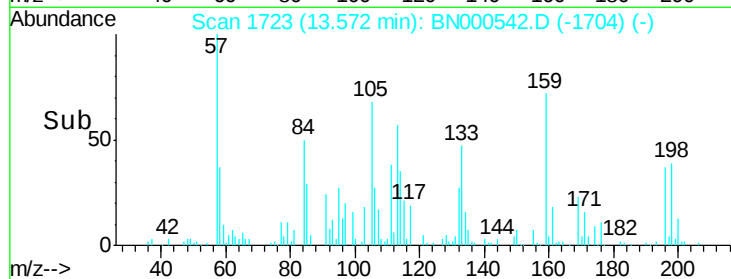
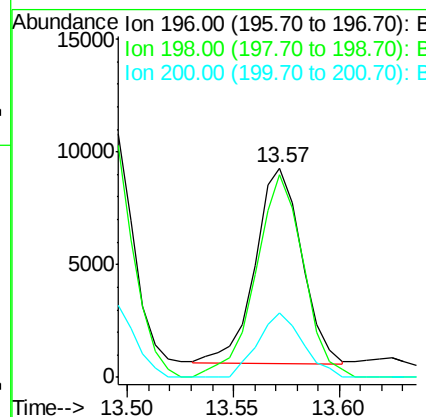
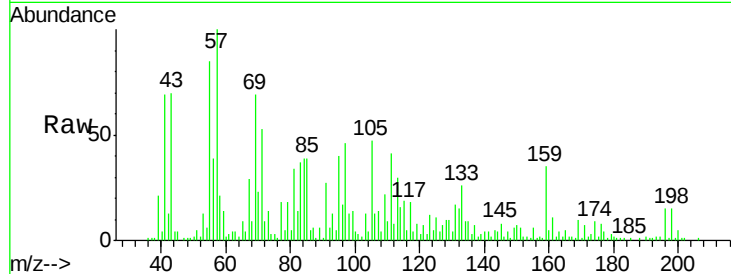
#39
 2,4,5-Trichlorophenol
 Concen: 1.826 ng/ul
 RT: 13.57 min Scan# 1723
 Delta R.T. 0.01 min
 Lab File: BN000542.D
 Acq: 22 Mar 2018 16:12

Instrument :
 BNA_N
 ClientSampleID :
 DAM46DL

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	13311		
198	96.8	74.7	112.1	
200	30.7	25.4	38.0	

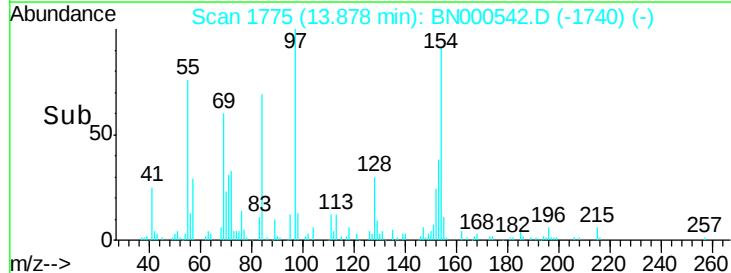
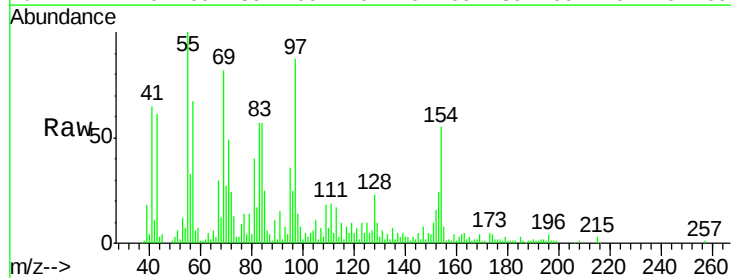
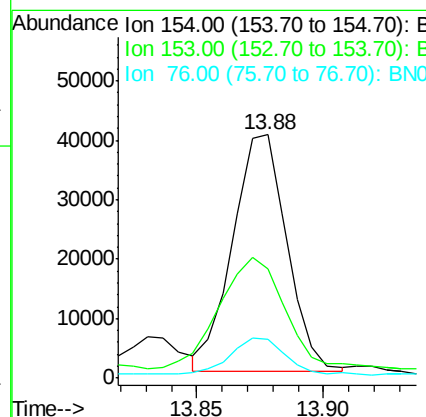
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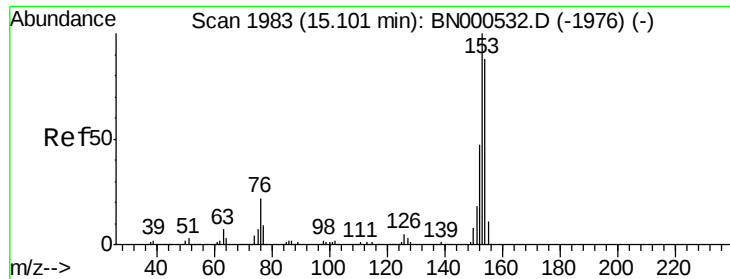
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#40
 1,1'-Biphenyl
 Concen: 2.038 ng/ul
 RT: 13.88 min Scan# 1775
 Delta R.T. 0.01 min
 Lab File: BN000542.D
 Acq: 22 Mar 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	59518		
153	44.9	34.0	51.0	
76	16.2	8.4	12.6	





#49

Acenaphthene

Concen: 2.407 ng/u1

RT: 15.10 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN000542.D

Acq: 22 Mar 2018 16:12

Instrument :

BNA_N

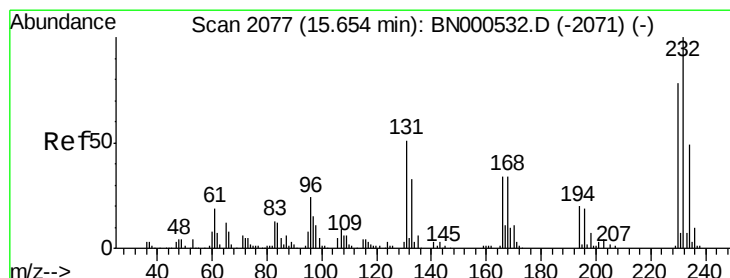
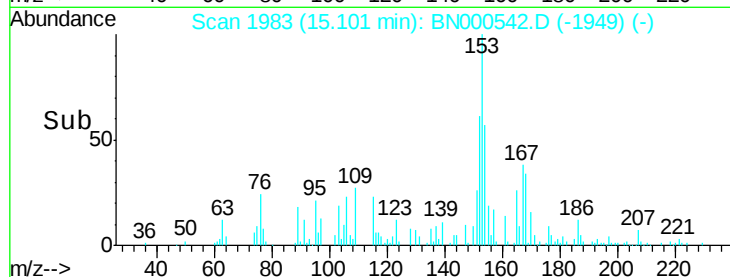
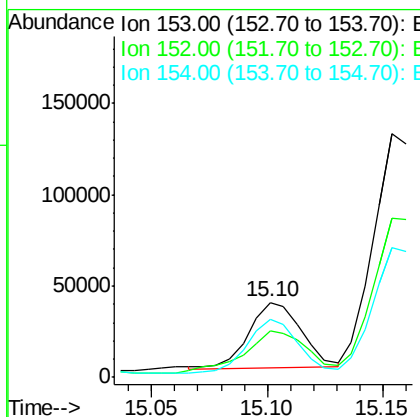
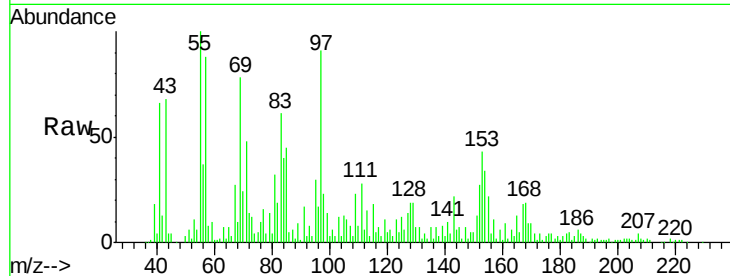
ClientSampleId :

DAM46DL

Tgt Ion:153 Resp: 57476
 Ion Ratio Lower Upper
 153 100
 152 61.5 37.9 56.9#
 154 77.6 69.8 104.6

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#55

2,3,4,6-Tetrachlorophenol

Concen: 398.923 ng/u1

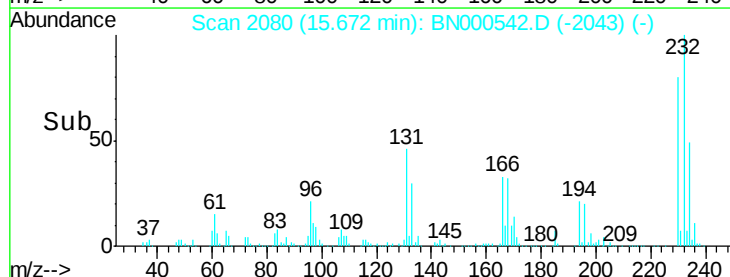
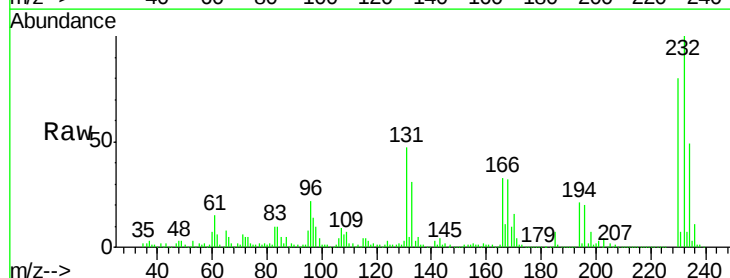
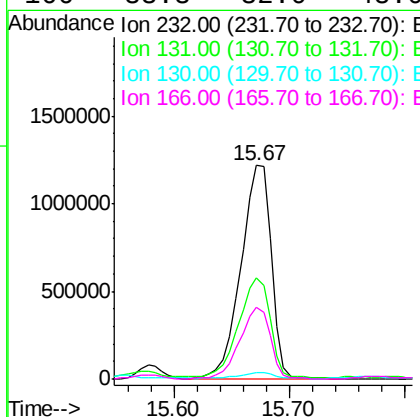
RT: 15.67 min Scan# 2080

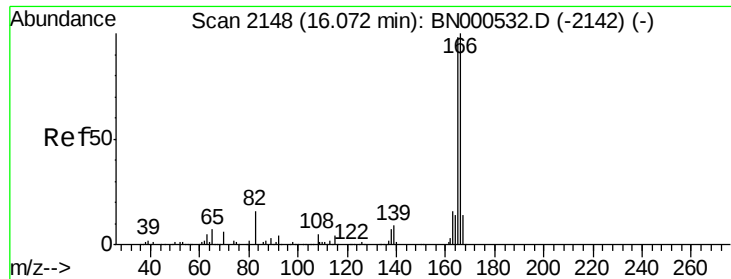
Delta R.T. 0.02 min

Lab File: BN000542.D

Acq: 22 Mar 2018 16:12

Tgt Ion:232 Resp: 2220088
 Ion Ratio Lower Upper
 232 100
 131 47.2 48.0 72.0#
 130 2.9 4.0 6.0#
 166 33.3 32.0 48.0





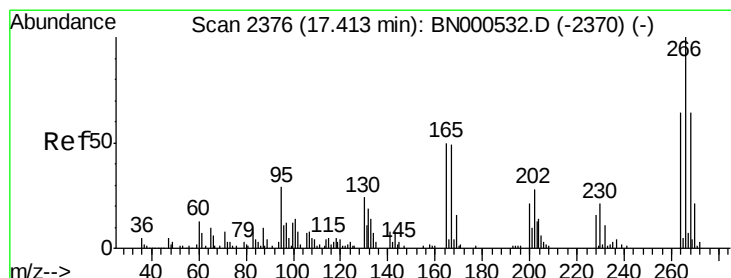
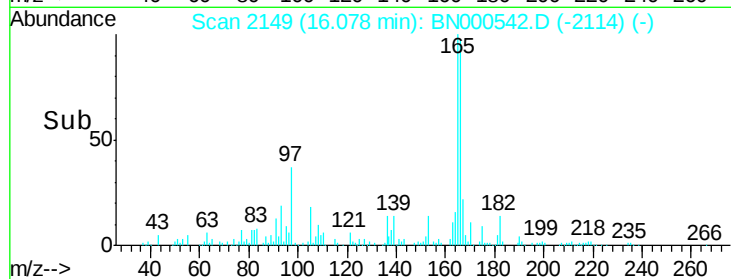
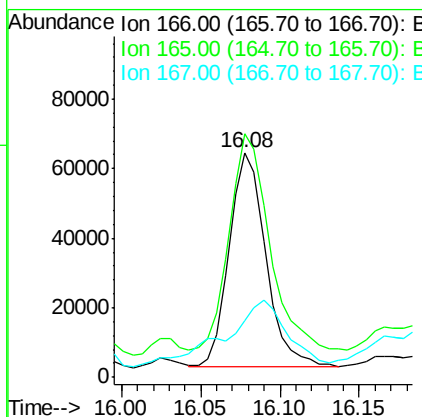
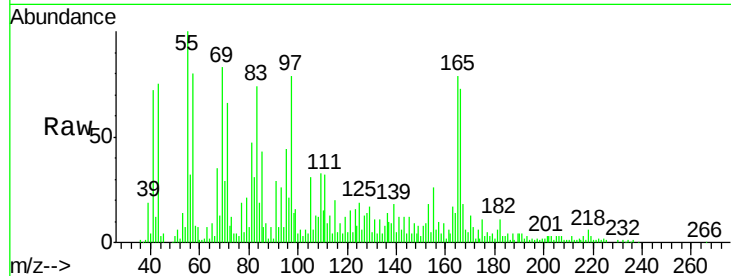
#58
 Fluorene
 Concen: 3.791 ng/ul
 RT: 16.08 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: BN000542.D
 Acq: 22 Mar 2018 16:12

Instrument :
 BNA_N
 ClientSampleId :
 DAM46DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	97691		
165	108.4	78.4	117.6	
167	25.2	11.1	16.7#	

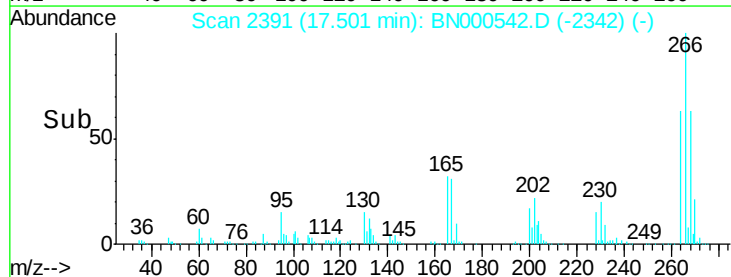
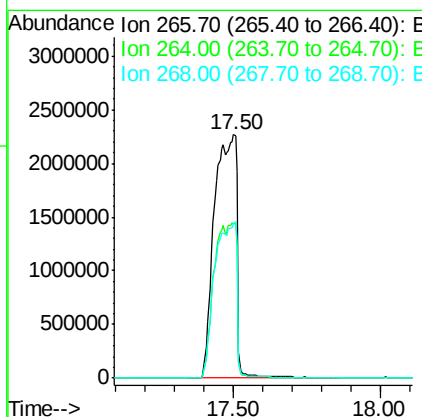
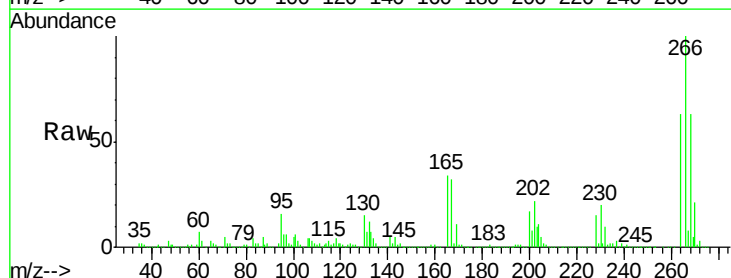
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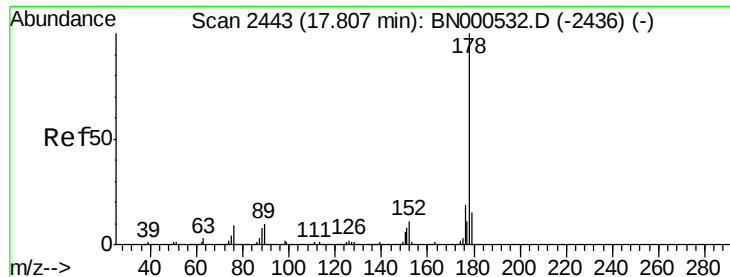
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#68
 Pentachlorophenol
 Concen: 2978.579 ng/ul m
 RT: 17.50 min Scan# 2391
 Delta R.T. 0.09 min
 Lab File: BN000542.D
 Acq: 22 Mar 2018 16:12

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	12203019		
264	63.4	48.2	72.4	
268	63.4	52.3	78.5	





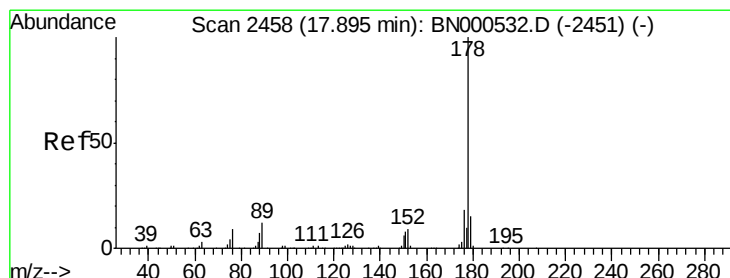
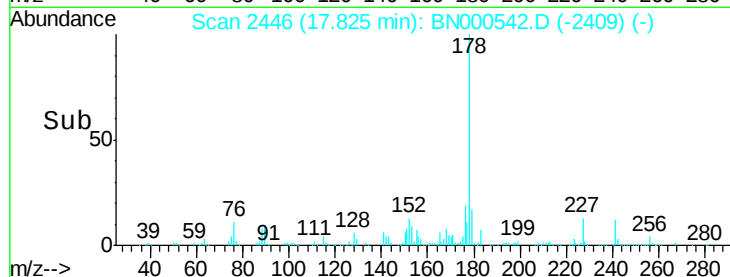
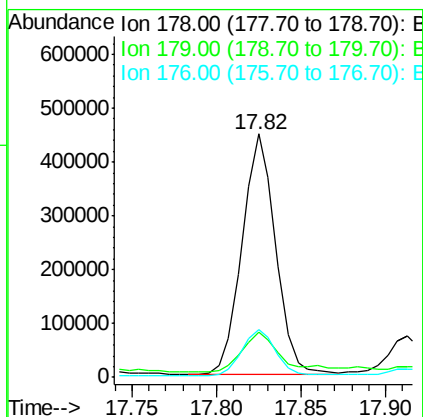
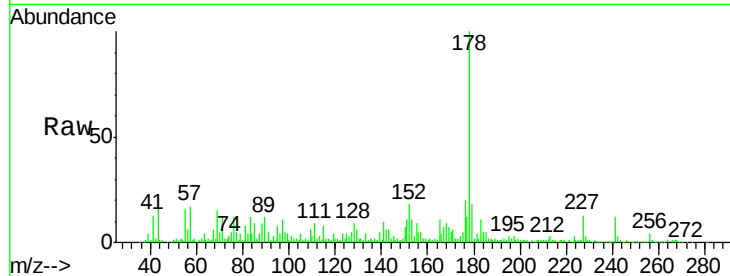
#69
Phenanthrene
Concen: 14.817 ng/ul
RT: 17.82 min Scan# 2446
Delta R.T. 0.02 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Instrument :
BNA_N
ClientSampled :
DAM46DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.3	18.5
176	19.6	15.4	23.0

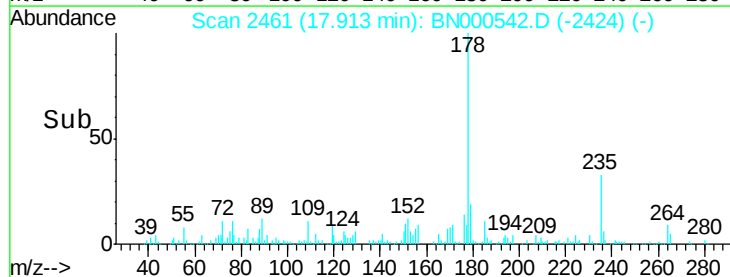
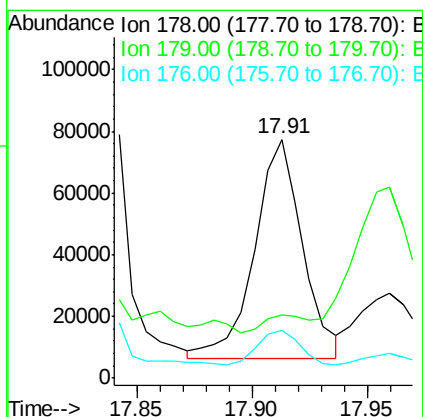
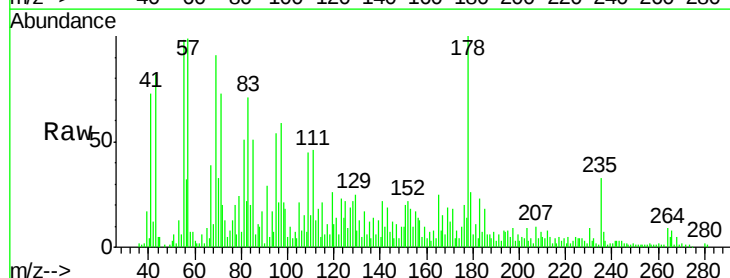
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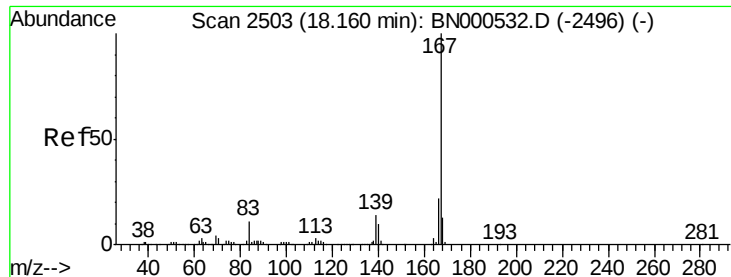
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#71
Anthracene
Concen: 2.419 ng/ul m
RT: 17.91 min Scan# 2461
Delta R.T. 0.02 min
Lab File: BN000542.D
Acq: 22 Mar 2018 16:12

Tgt Ion	Ratio	Lower	Upper
178	100		
179	26.3	13.4	20.2#
176	19.8	15.4	23.0





#72

Carbazole

Concen: 1.055 ng/ul

RT: 18.17 min Scan# 2504

Delta R.T. 0.01 min

Lab File: BN000542.D

Acq: 22 Mar 2018 16:12

Instrument :

BNA_N

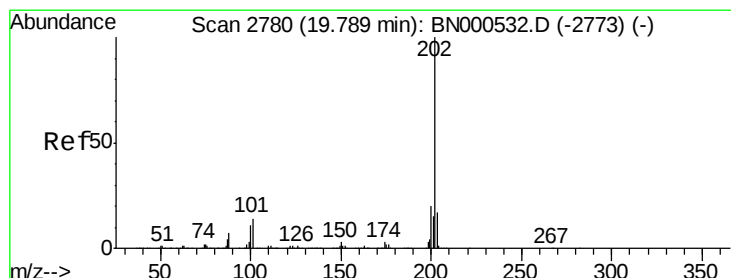
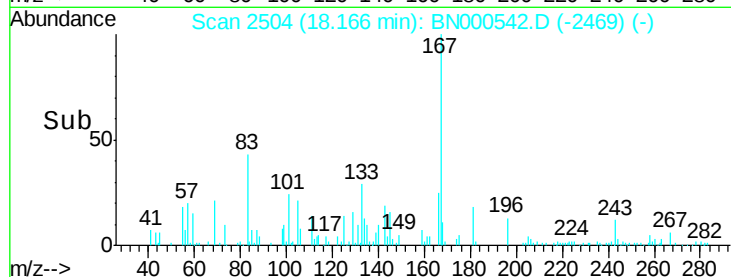
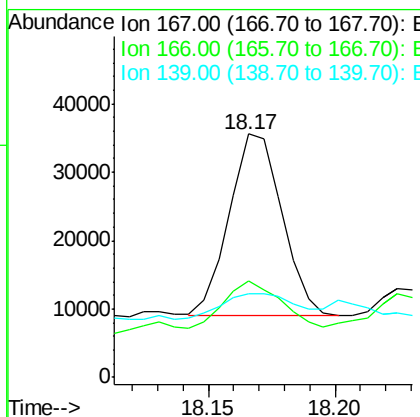
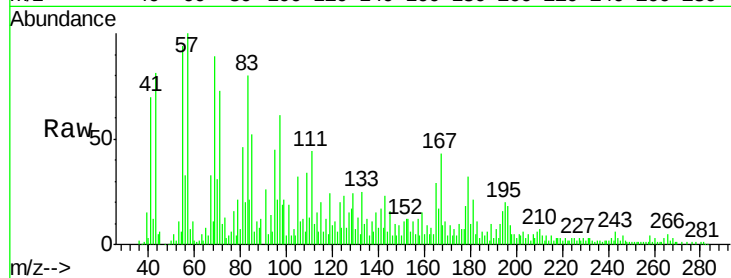
ClientSampleId :

DAM46DL

Tgt Ion:	167	Resp:	38533
Ion Ratio	Lower	Upper	
167	100		
166	39.7	17.0	25.4#
139	34.2	9.1	13.7#

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#74

Fluoranthene

Concen: 10.338 ng/ul

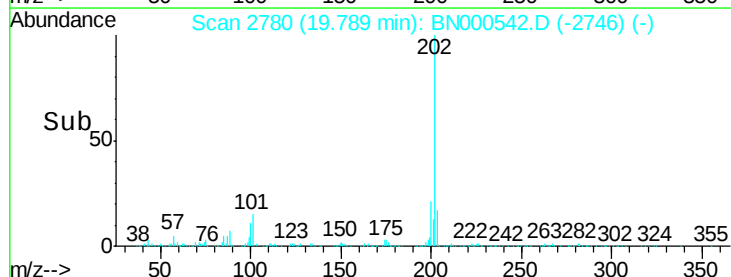
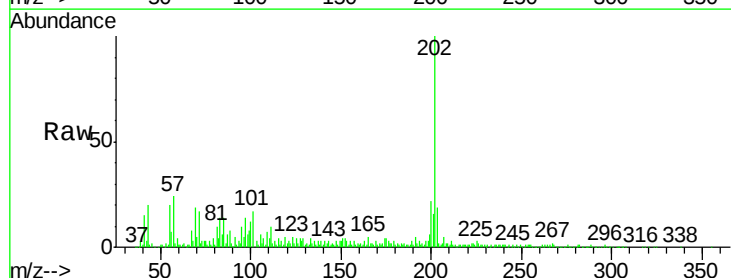
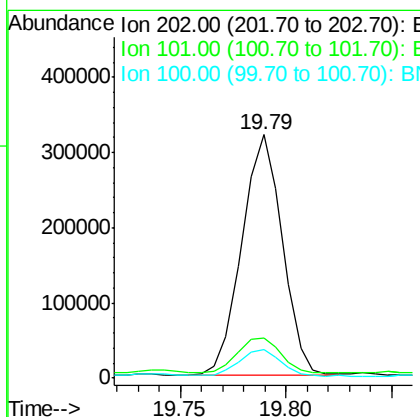
RT: 19.79 min Scan# 2780

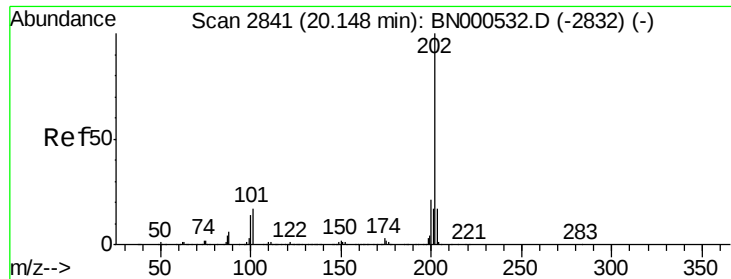
Delta R.T. 0.00 min

Lab File: BN000542.D

Acq: 22 Mar 2018 16:12

Tgt Ion:	202	Resp:	426708
Ion Ratio	Lower	Upper	
202	100		
101	16.6	6.1	9.1#
100	11.7	4.6	7.0#





#77

Pyrene

Concen: 6.764 ng/ul

RT: 20.15 min Scan# 2841

Delta R.T. 0.00 min

Lab File: BN000542.D

Acq: 22 Mar 2018 16:12

Instrument :

BNA_N

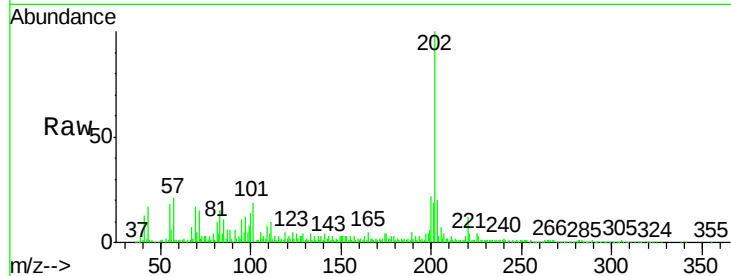
ClientSampleId :

DAM46DL

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	18.7	6.9	10.3#
100	14.2	5.6	8.4#

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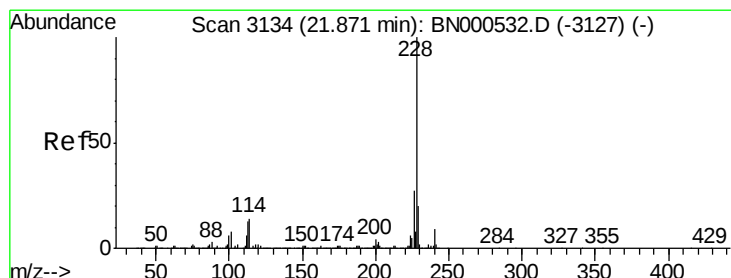
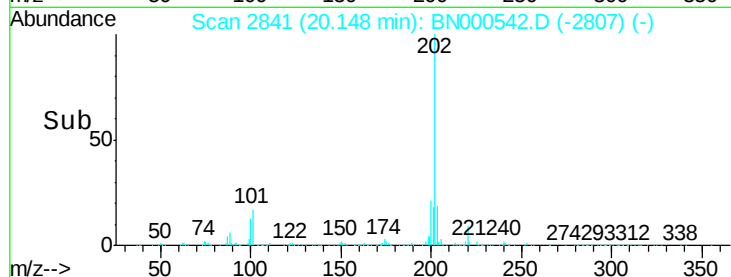
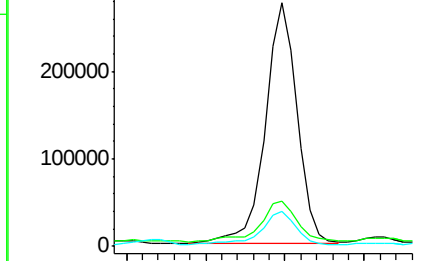
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 1.524 ng/ul

RT: 21.87 min Scan# 3134

Delta R.T. 0.00 min

Lab File: BN000542.D

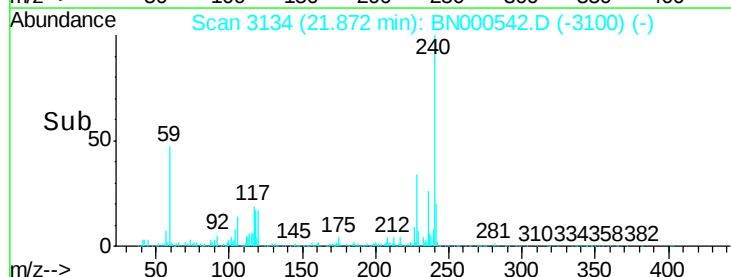
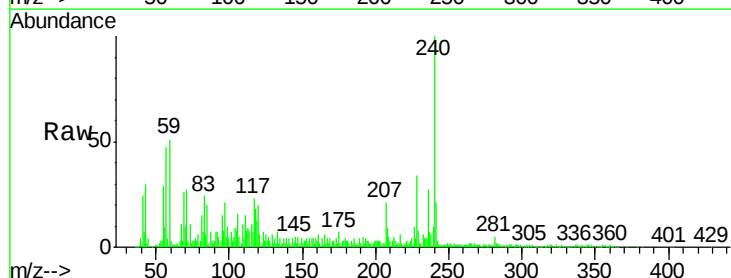
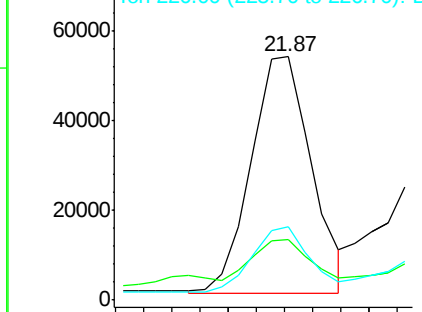
Acq: 22 Mar 2018 16:12

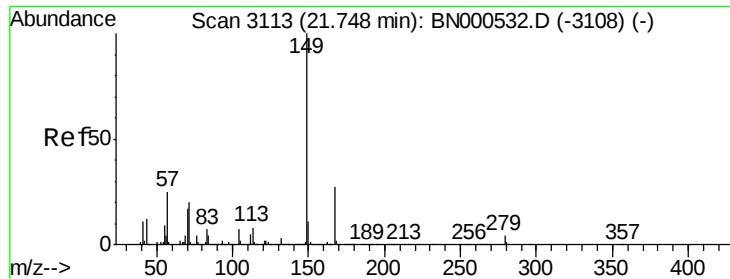
Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	24.7	16.0	24.0#
226	29.9	21.8	32.8

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





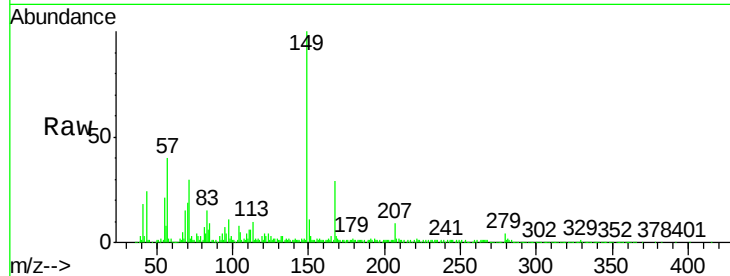
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 10.009 ng/ul
 RT: 21.75 min Scan# 3113
 Delta R.T. 0.00 min
 Lab File: BN000542.D
 Acq: 22 Mar 2018 16:12

Instrument :
 BNA_N
 ClientSampleId :
 DAM46DL

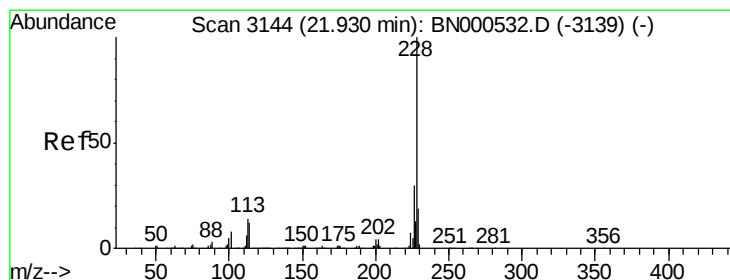
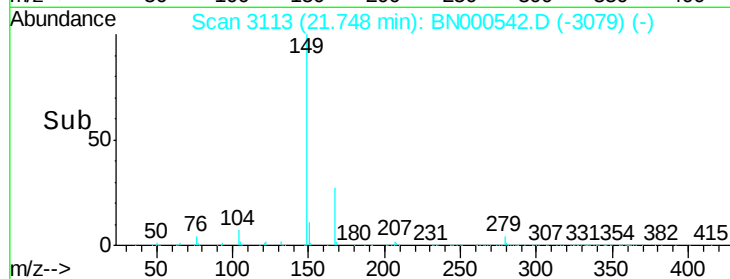
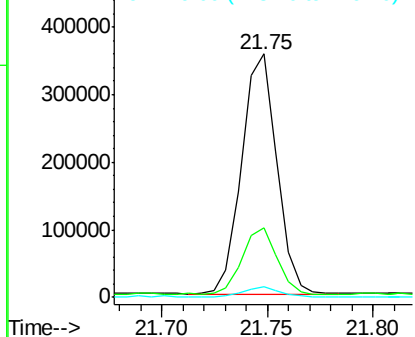
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	28.7	23.0	34.6
279	4.1	4.3	6.5#

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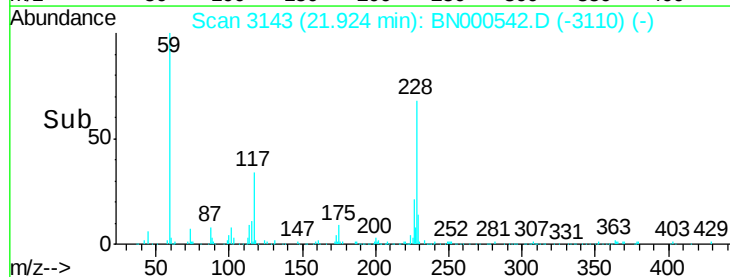
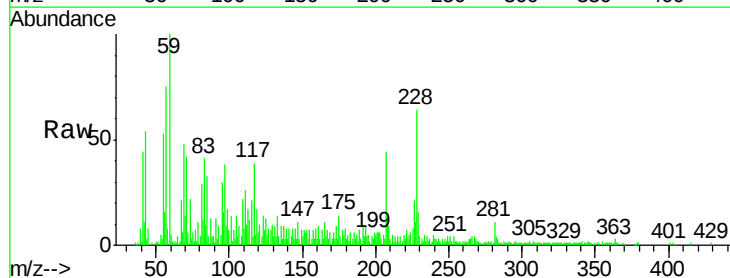
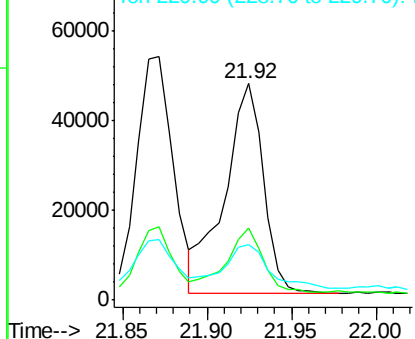
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

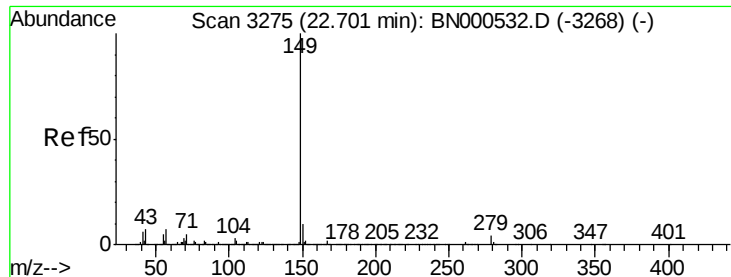


#82
 Chrysene
 Concen: 1.562 ng/ul
 RT: 21.92 min Scan# 3143
 Delta R.T. -0.01 min
 Lab File: BN000542.D
 Acq: 22 Mar 2018 16:12

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	33.0	24.1	36.1
229	25.7	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: 2.688 ng/ul

RT: 22.70 min Scan# 3275

Delta R.T. 0.00 min

Lab File: BN000542.D

Acq: 22 Mar 2018 16:12

Instrument :

BNA_N

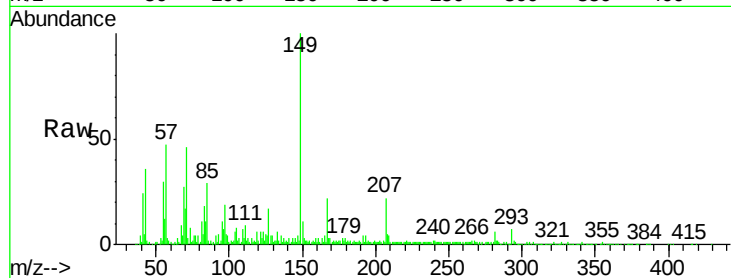
ClientSampleId :

DAM46DL

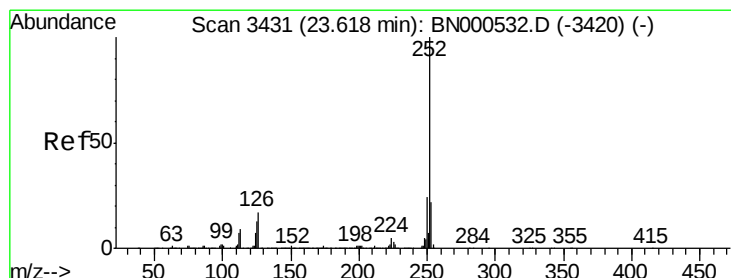
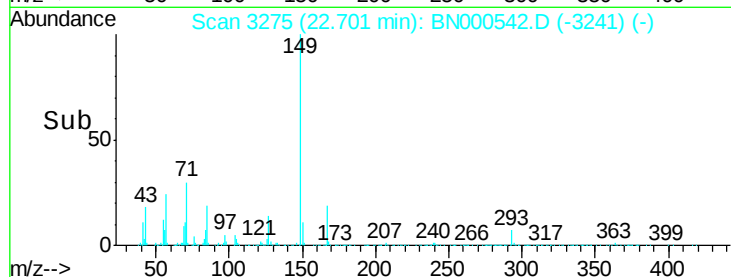
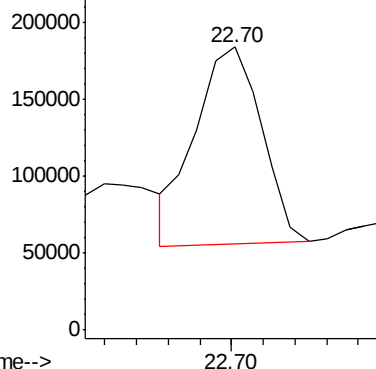
Tgt Ion:149 Resp: 186436

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Abundance Ion 149.00 (148.70 to 149.70): E



#85

Benzo(b)fluoranthene

Concen: 1.021 ng/ul

RT: 23.61 min Scan# 3429

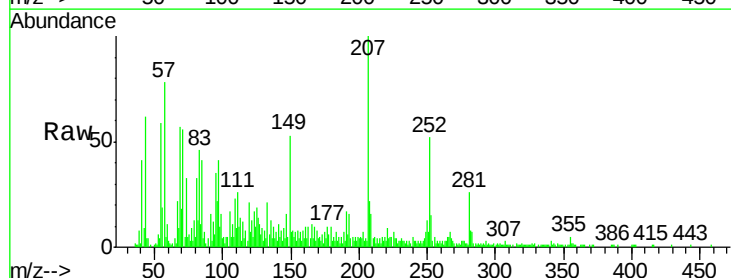
Delta R.T. -0.01 min

Lab File: BN000542.D

Acq: 22 Mar 2018 16:12

Tgt Ion:252 Resp: 53164

Ion	Ratio	Lower	Upper
252	100		
253	28.1	17.4	26.0#
125	37.0	4.9	7.3#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

