

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_N\DATA\BN032218\
 Data File : BN000543.D
 Acq On : 22 Mar 2018 16:46
 Operator : JU/SJ
 Sample : J1905-17DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DAM52DL

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Quant Time: Mar 23 11:18:31 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	176143	20.00	ng/ul	0.00
18) Naphthalene-d8	11.26	136	739788	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.04	164	407663	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.78	188	860958	20.00	ng/ul	0.02
75) Chrysene-d12	21.90	240	880845	20.00	ng/ul	0.00
83) Perylene-d12	24.38	264	887771	20.00	ng/ul	0.00

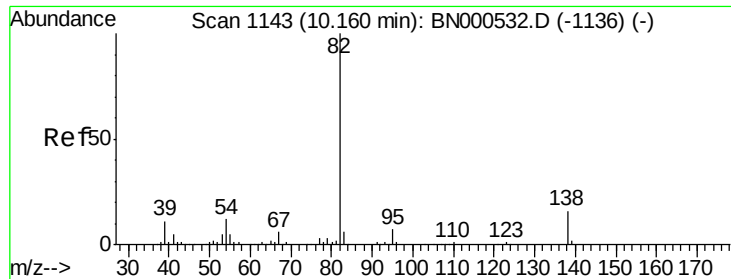
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1279	0.26	ng/uL	0.00
5) Phenol-d5	7.59	99	22461	1.37	ng/ul	0.03
7) Bis-(2-Chloroethyl)ether-d	7.72	67	38038	4.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	37003	2.98	ng/ul	0.00
13) 4-Methylphenol-d8	9.14	113	31412	2.45	ng/ul	0.01
19) Nitrobenzene-d5	9.60	128	22032	3.67	ng/ul	0.00
22) 2-Nitrophenol-d4	10.33	143	21198	3.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.88	165	39012	3.50	ng/ul	0.01
29) 4-Chloroaniline-d4	11.35	131	61883	5.40	ng/ul	-0.03
43) Dimethylphthalate-d6	14.42	166	112819	3.50	ng/ul	0.00
46) Acenaphthylene-d8	14.74	160	146315	3.44	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	19211	3.21	ng/ul	0.00
57) Fluorene-d10	16.02	176	97969	3.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.15	200	33635	6.82	ng/ul	0.02
70) Anthracene-d10	17.88	188	142644	3.45	ng/ul	0.02
76) Pyrene-d10	20.12	212	156227	3.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.22	264	136104	3.25	ng/ul	0.00

Target Compounds

					Qvalue	
21) Isophorone	10.17	82	1169419	41.361	ng/ul#	95
28) Naphthalene	11.31	128	254124	6.541	ng/ul#	93
34) 2-Methylnaphthalene	12.89	142	435178	16.778	ng/ul	100
38) 2,4,6-Trichlorophenol	13.49	196	30429	3.663	ng/ul	98
39) 2,4,5-Trichlorophenol	13.57	196	14556	1.680	ng/ul	99
40) 1,1'-Biphenyl	13.87	154	43974	1.267	ng/ul#	82
49) Acenaphthene	15.10	153	36081	1.271	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	15.68	232	2767138	418.330	ng/ul#	82
58) Fluorene	16.08	166	54776	1.788	ng/ul#	84
68) Pentachlorophenol	17.50	266	13202475m	2698.839	ng/ul	
69) Phenanthrene	17.82	178	258657	5.215	ng/ul#	95
74) Fluoranthene	19.79	202	138899	2.818	ng/ul#	73
77) Pyrene	20.15	202	125751	1.955	ng/ul#	69

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



#21

Isophorone

Concen: 41.361 ng/ul

RT: 10.17 min Scan# 1144

Delta R.T. 0.01 min

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Tgt Ion: 82 Resp: 1169419

Ion Ratio Lower Upper

82 100

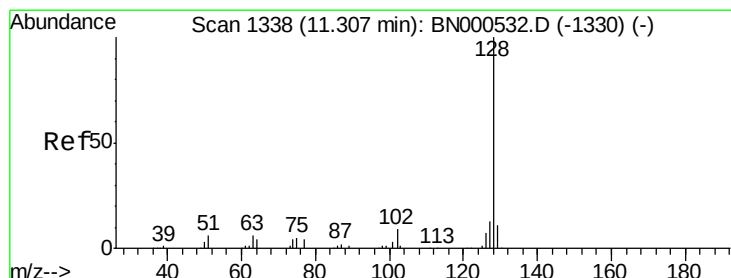
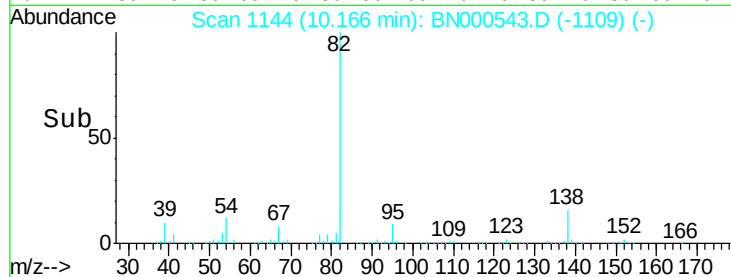
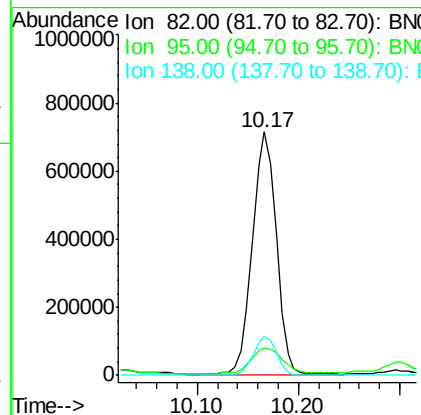
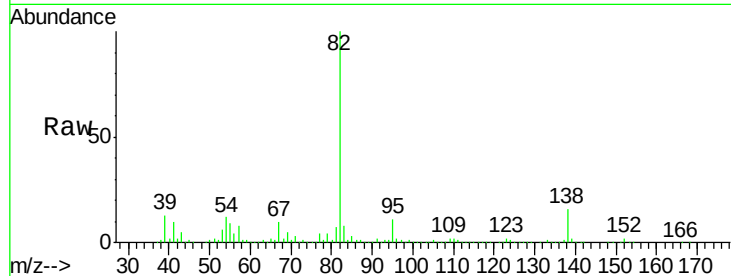
95 11.4 6.1 9.1#

138 16.2 13.5 20.3

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#28

Naphthalene

Concen: 6.541 ng/ul

RT: 11.31 min Scan# 1338

Delta R.T. 0.00 min

Lab File: BN000543.D

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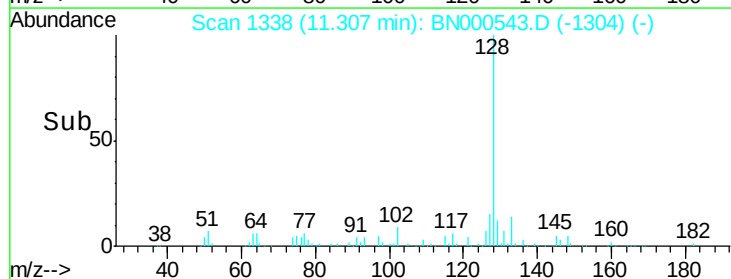
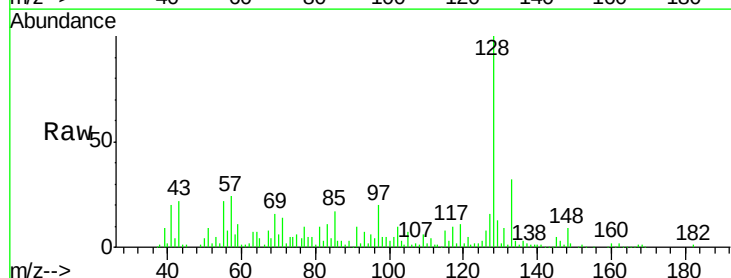
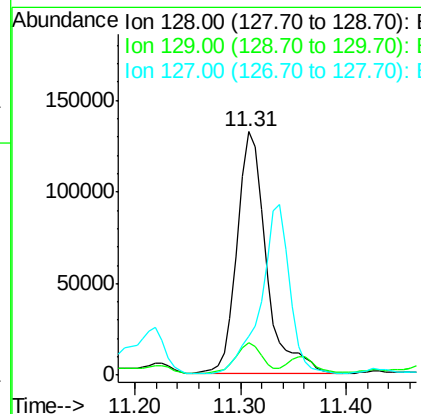
Tgt Ion: 128 Resp: 254124

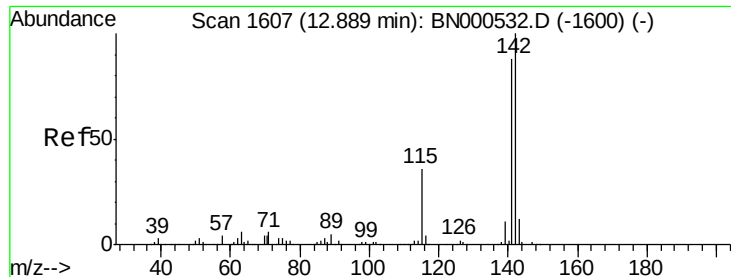
Ion Ratio Lower Upper

128 100

129 13.4 8.3 12.5#

127 15.7 10.8 16.2





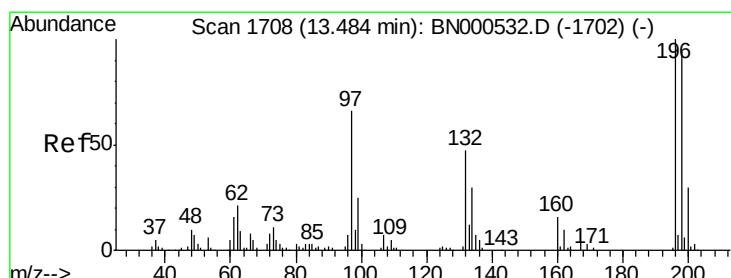
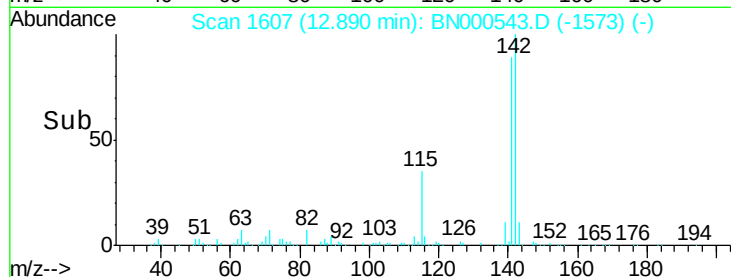
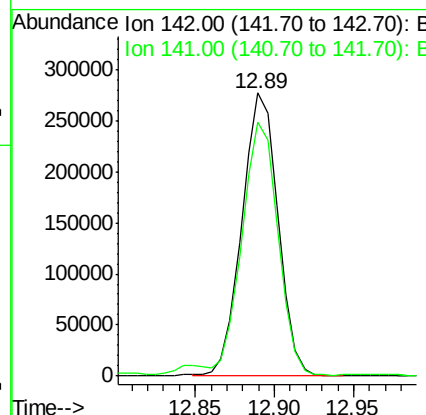
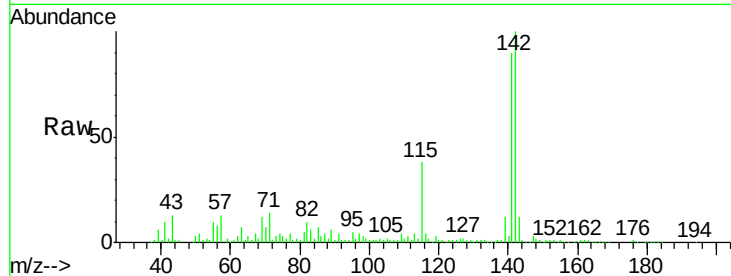
#34
 2-Methylnaphthalene
 Concen: 16.778 ng/ul
 RT: 12.89 min Scan# 1607
 Delta R.T. 0.00 min
 Lab File: BN000543.D
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Instrument :
 BNA_N
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Tgt Ion:142 Resp: 435178
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.4 107.2

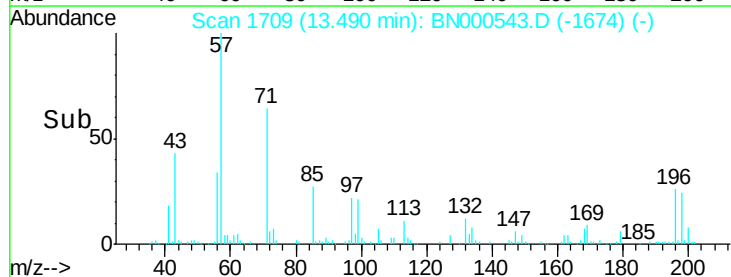
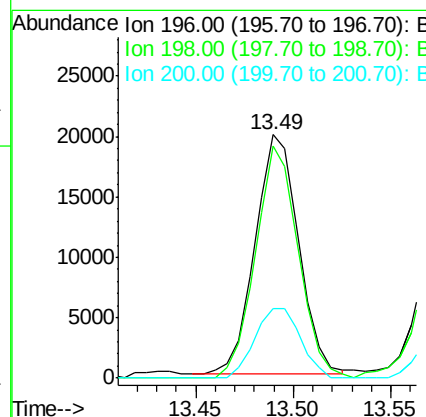
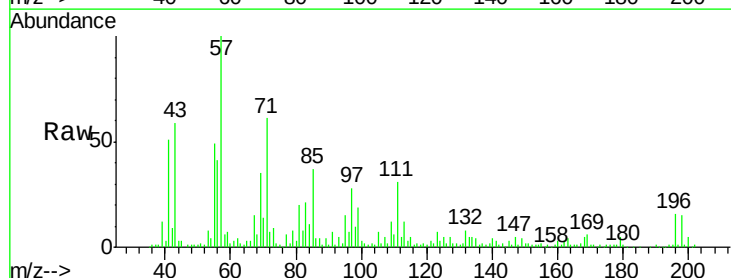
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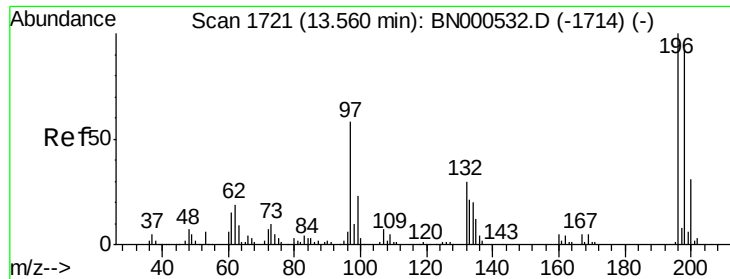
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#38
 2,4,6-Trichlorophenol
 Concen: 3.663 ng/ul
 RT: 13.49 min Scan# 1709
 Delta R.T. 0.01 min
 Lab File: BN000543.D
 Acq: 22 Mar 2018 16:46

Tgt Ion:196 Resp: 30429
 Ion Ratio Lower Upper
 196 100
 198 95.3 75.9 113.9
 200 28.7 25.8 38.6





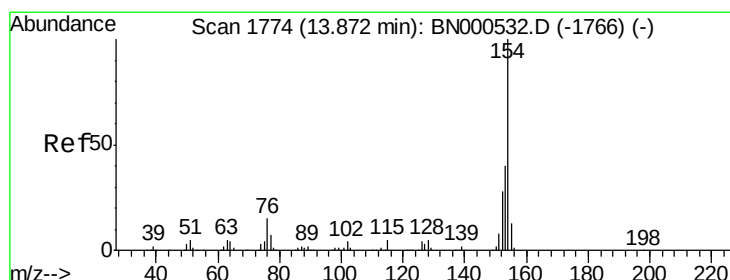
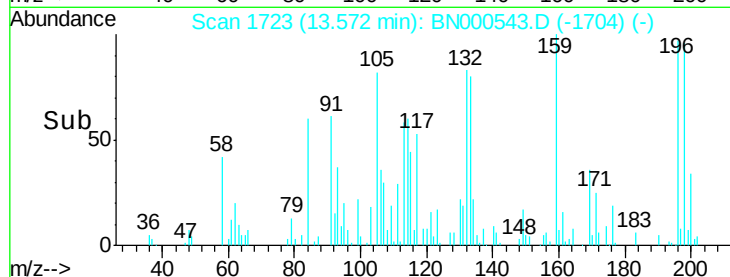
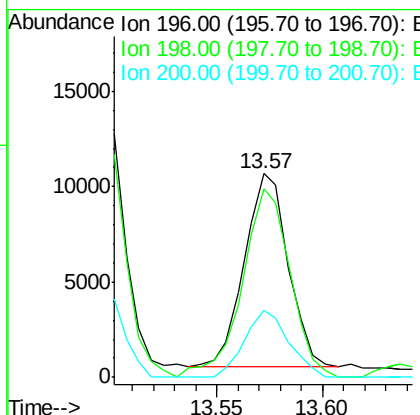
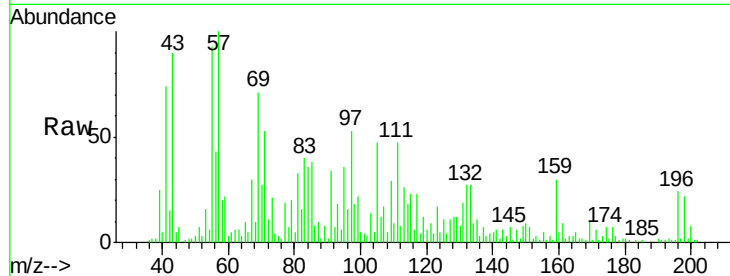
#39
 2,4,5-Trichlorophenol
 Concen: 1.680 ng/ul
 RT: 13.57 min Scan# 1723
 Delta R.T. 0.01 min
 Lab File: BN000543.D
 Acq: 22 Mar 2018 16:46

Instrument :
 BNA_N
 ClientSampleID :
 DAM52DL

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	14556		
198	92.5	74.7	112.1	
200	32.9	25.4	38.0	

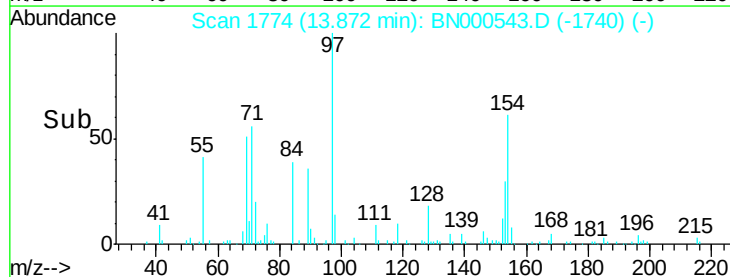
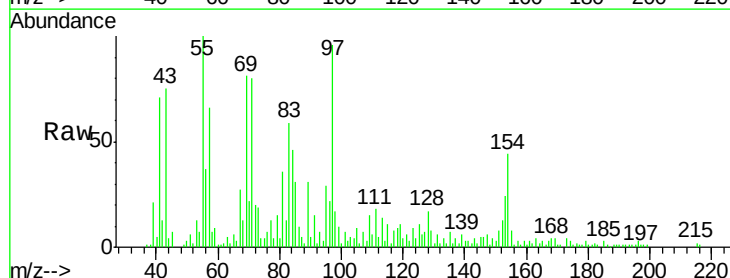
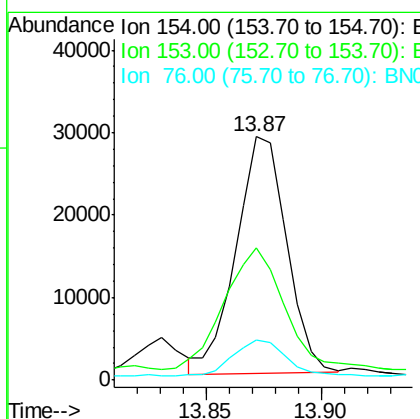
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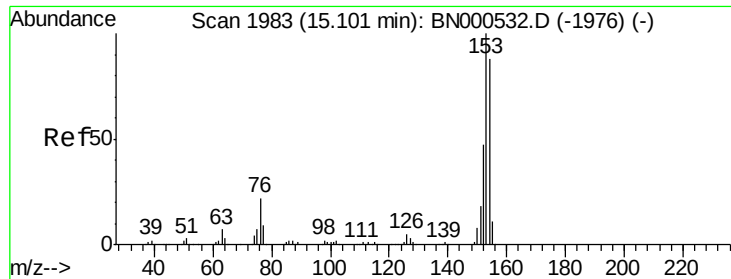
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#40
 1,1'-Biphenyl
 Concen: 1.267 ng/ul
 RT: 13.87 min Scan# 1774
 Delta R.T. 0.00 min
 Lab File: BN000543.D
 Acq: 22 Mar 2018 16:46

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	43974		
153	54.3	34.0	51.0#	
76	16.6	8.4	12.6#	





#49

Acenaphthene

Concen: 1.271 ng/ul

RT: 15.10 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BN000543.D

Acq: 22 Mar 2018 16:46

Instrument :

BNA_N

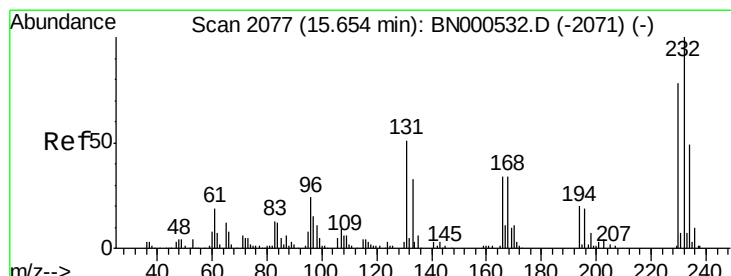
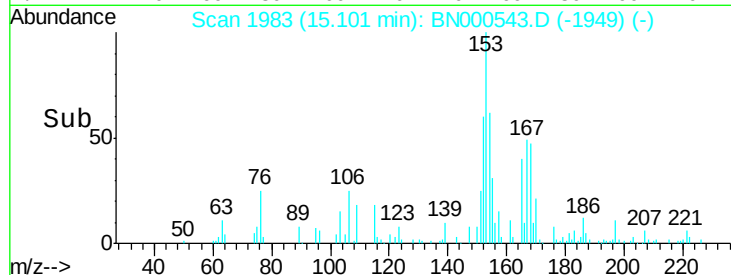
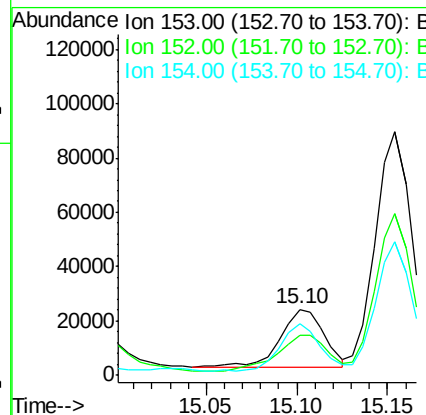
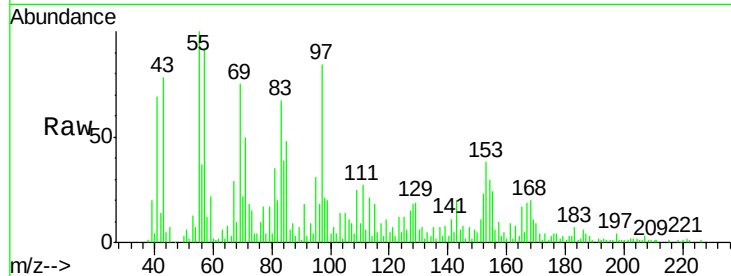
ClientSampleId :

DAM52DL

Tgt Ion	Ratio	Lower	Upper
153	100		
152	60.2	37.9	56.9#
154	78.3	69.8	104.6

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#55

2,3,4,6-Tetrachlorophenol

Concen: 418.330 ng/ul

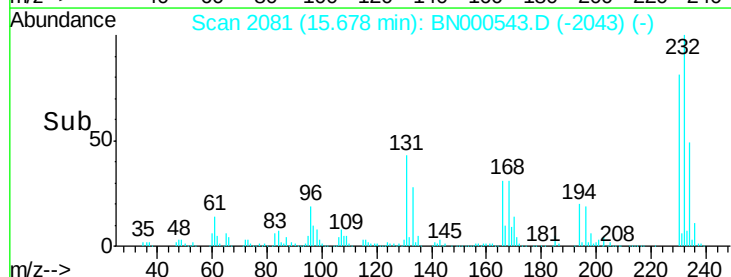
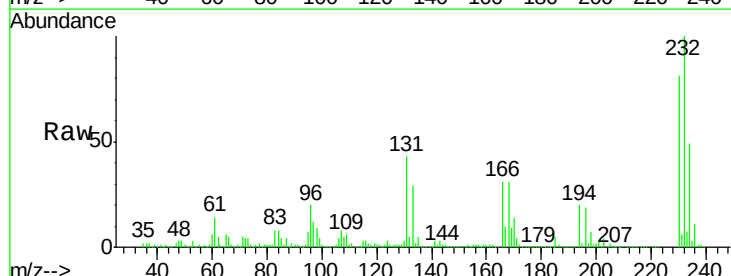
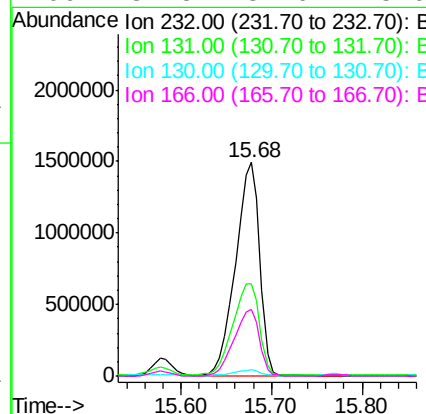
RT: 15.68 min Scan# 2081

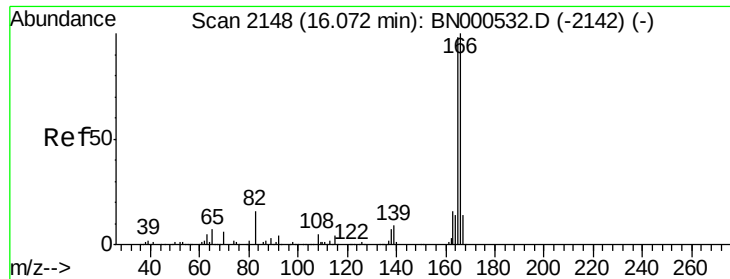
Delta R.T. 0.02 min

Lab File: BN000543.D

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Tgt Ion	Ratio	Lower	Upper
232	100		
131	43.4	48.0	72.0#
130	2.8	4.0	6.0#
166	31.3	32.0	48.0#





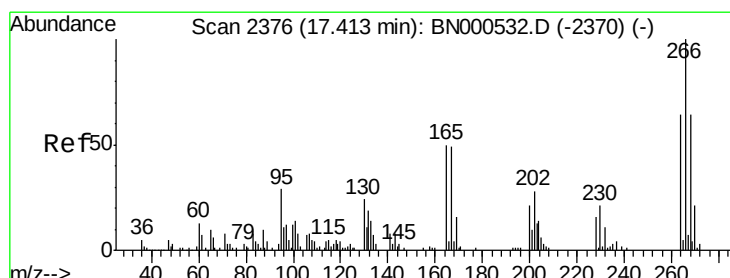
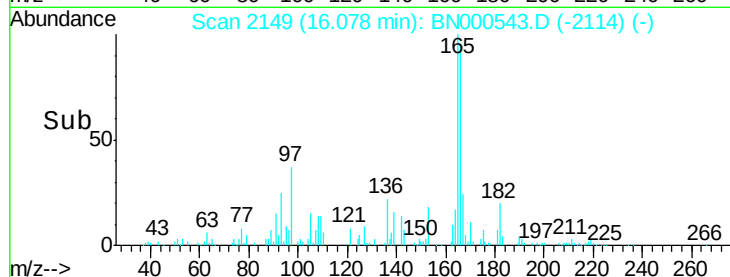
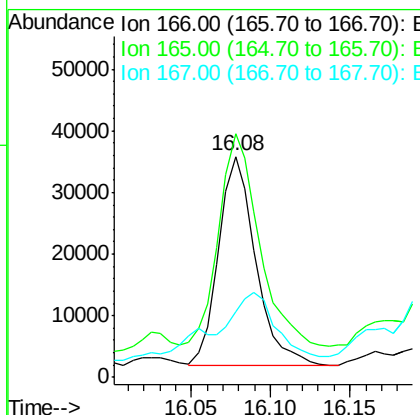
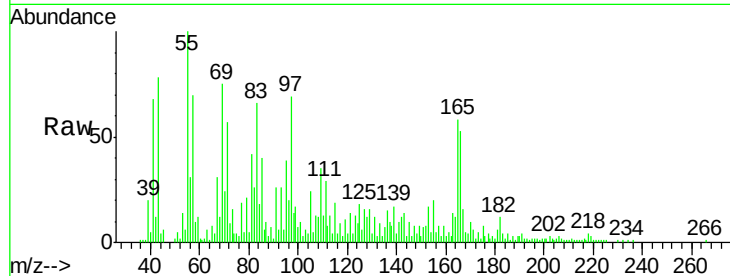
#58
 Fluorene
 Concen: 1.788 ng/ul
 RT: 16.08 min Scan# 2149
 Delta R.T. 0.01 min
 Lab File: BN000543.D
 Acq: 22 Mar 2018 16:46

Instrument :
 BNA_N
 ClientSampled :
 DAM52DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	110.2	78.4	117.6
167	29.8	11.1	16.7#

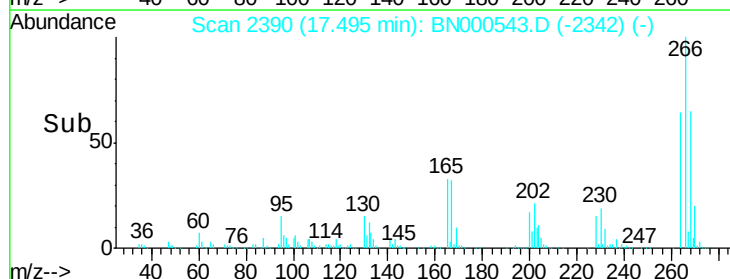
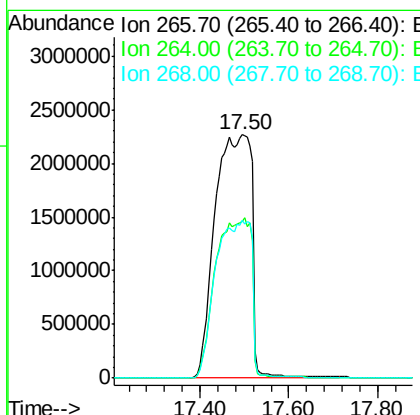
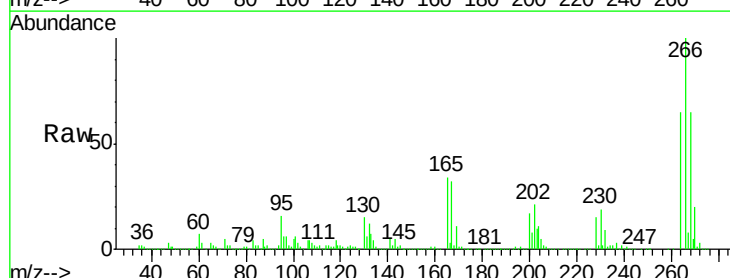
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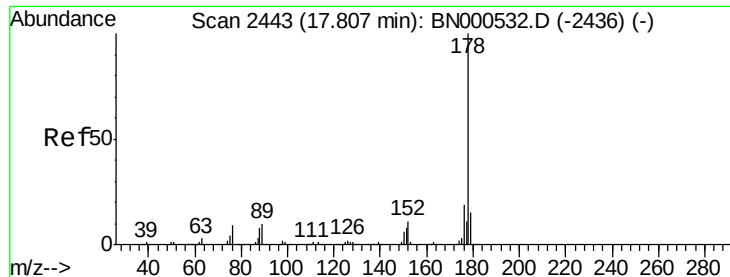
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#68
 Pentachlorophenol
 Concen: 2698.839 ng/ul m
 RT: 17.50 min Scan# 2390
 Delta R.T. 0.08 min
 Lab File: BN000543.D
 Acq: 22 Mar 2018 16:46

Tgt Ion	Ratio	Lower	Upper
266	100		
264	64.5	48.2	72.4
268	65.1	52.3	78.5





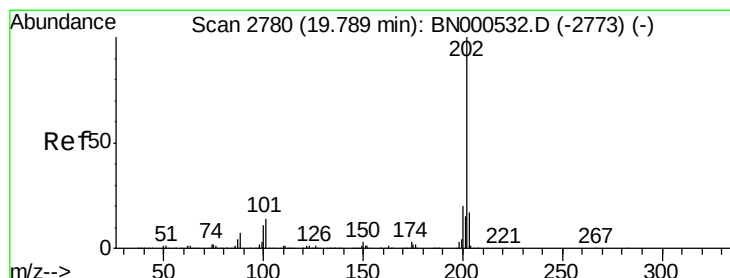
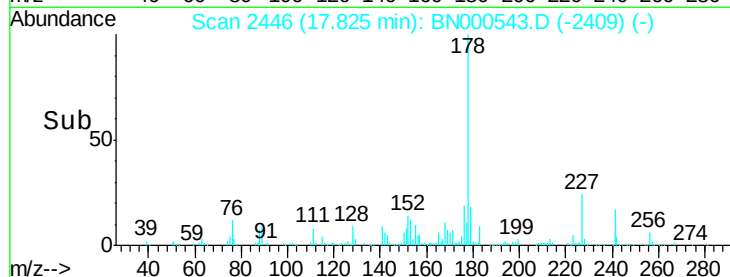
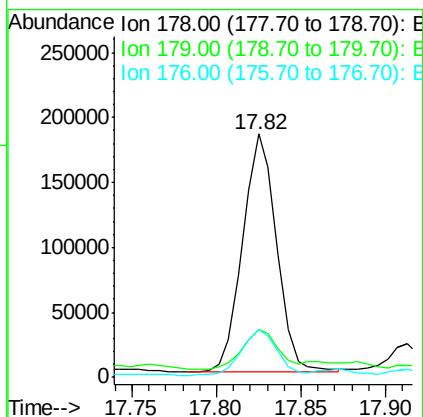
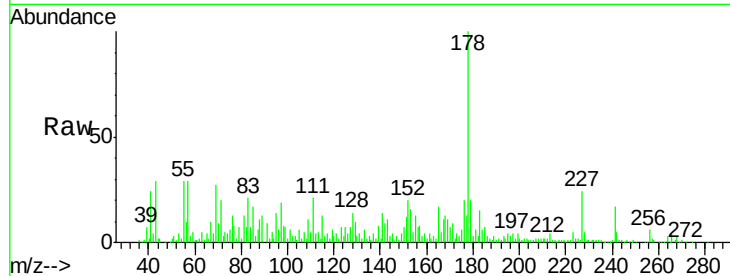
#69
Phenanthrene
Concen: 5.215 ng/ul
RT: 17.82 min Scan# 2446
Delta R.T. 0.02 min
Lab File: BN000543.D
Acq: 22 Mar 2018 16:46

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Tgt Ion	Ratio	Resp	Lower	Upper
178	100	258657		
179	19.8	12.3	18.5#	
176	19.7	15.4	23.0	

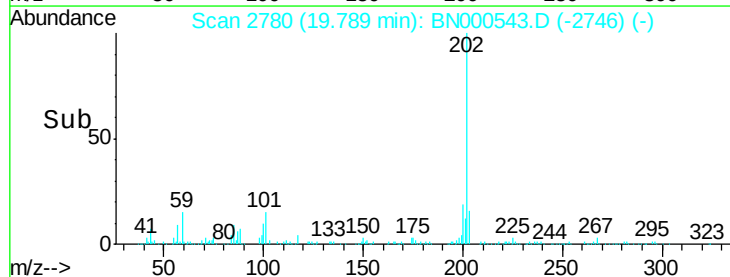
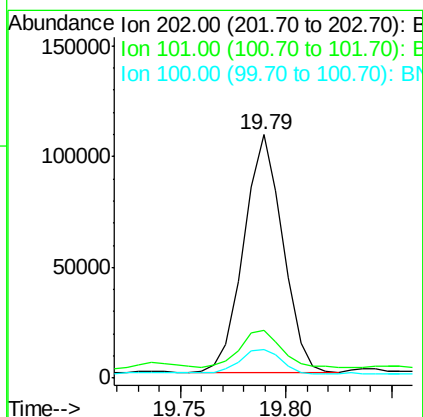
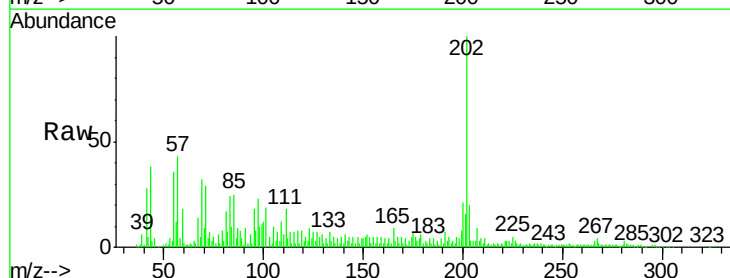
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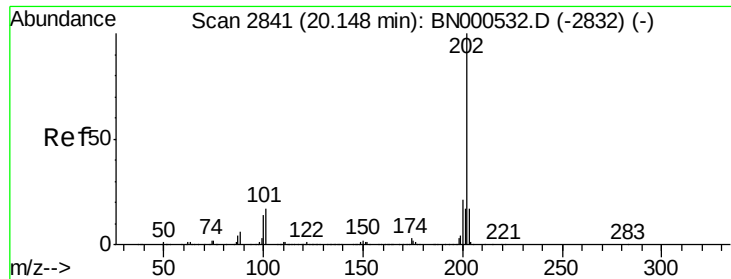
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#74
Fluoranthene
Concen: 2.818 ng/ul
RT: 19.79 min Scan# 2780
Delta R.T. 0.00 min
Lab File: BN000543.D
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Tgt Ion	Ratio	Resp	Lower	Upper
202	100	138899		
101	19.5	6.1	9.1#	
100	11.6	4.6	7.0#	





#77
 Pyrene
 Concen: 1.955 ng/ul
 RT: 20.15 min Scan# 2841
 Delta R.T. 0.00 min
 Lab File: BN000543.D
 Acq: 22 Mar 2018 16:46

Instrument :
 BNA_N
 ClientSampleId :
 DAM52DL

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100				
101	21.8	6.9	10.3#		
100	15.3	5.6	8.4#		

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