

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000507.D
 Acq On : 20 Mar 2018 23:36
 Operator : JU/SJ
 Sample : J1905-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM44

Manual Integrations
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 3/22/2018 6:48:10 PM

Quant Time: Mar 23 11:52:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 21 00:17:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	300501	20.00	ng/ul	0.00
18) Naphthalene-d8	11.27	136	1041398	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.05	164	536168	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.90	188	918072m	20.00	ng/ul	0.14
75) Chrysene-d12	21.89	240	762163	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	788889	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	52470	6.24	ng/uL	0.00
5) Phenol-d5	7.64	99	334688m	11.94	ng/ul	0.09
7) Bis-(2-Chloroethyl)ether-d	7.73	67	627696	38.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.97	132	718632	33.90	ng/ul	0.03
13) 4-Methylphenol-d8	9.18	113	532321	24.38	ng/ul	0.06
19) Nitrobenzene-d5	9.61	128	406103	48.01	ng/ul	0.02
22) 2-Nitrophenol-d4	10.34	143	370228	42.25	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.91	165	637406	40.58	ng/ul	0.04
29) 4-Chloroaniline-d4	11.42	131	5101	0.32	ng/ul	0.04
43) Dimethylphthalate-d6	14.45	166	1513223	35.72	ng/ul	0.02
46) Acenaphthylene-d8	14.75	160	1940009	34.72	ng/ul	0.01
51) 4-Nitrophenol-d4	15.24	143	35373	4.50	ng/ul	0.04
57) Fluorene-d10	16.05	176	1299317	36.00	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	16.18	200	557650m	106.06	ng/ul	0.05
70) Anthracene-d10	17.98	188	1598062m	36.21	ng/ul	0.12
76) Pyrene-d10	20.14	212	1533481	36.45	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.21	264	1396480	37.51	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	7.67	94	94158	3.29	ng/ul	96
21) Isophorone	10.19	82	3117622	78.33	ng/ul#	95
28) Naphthalene	11.32	128	1226623	22.43	ng/ul#	97
34) 2-Methylnaphthalene	12.90	142	1453261	39.80	ng/ul	100
38) 2,4,6-Trichlorophenol	13.51	196	238186	21.80	ng/ul	98
39) 2,4,5-Trichlorophenol	13.60	196	261058	22.91	ng/ul	98
40) 1,1'-Biphenyl	13.88	154	129405	2.84	ng/ul#	60
49) Acenaphthene	15.11	153	139224	3.73	ng/ul	92
55) 2,3,4,6-Tetrachlorophenol	15.74	232	14330167m	1647.17	ng/ul	
58) Fluorene	16.10	166	169329	4.20	ng/ul#	85
68) Pentachlorophenol	17.49	266	44324166m	8497.04	ng/ul	
69) Phenanthrene	17.93	178	853923m	16.15	ng/ul	
71) Anthracene	18.01	178	217770m	4.02	ng/ul	
72) Carbazole	18.22	167	388458m	8.35	ng/ul	
74) Fluoranthene	19.81	202	559746m	10.65	ng/ul	
77) Pyrene	20.16	202	485791	8.73	ng/ul#	71
80) Benzo(a)anthracene	21.87	228	73434	1.45	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.75	149	65099	1.62	ng/ul#	90
82) Chrysene	21.92	228	67359	1.41	ng/ul#	88

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

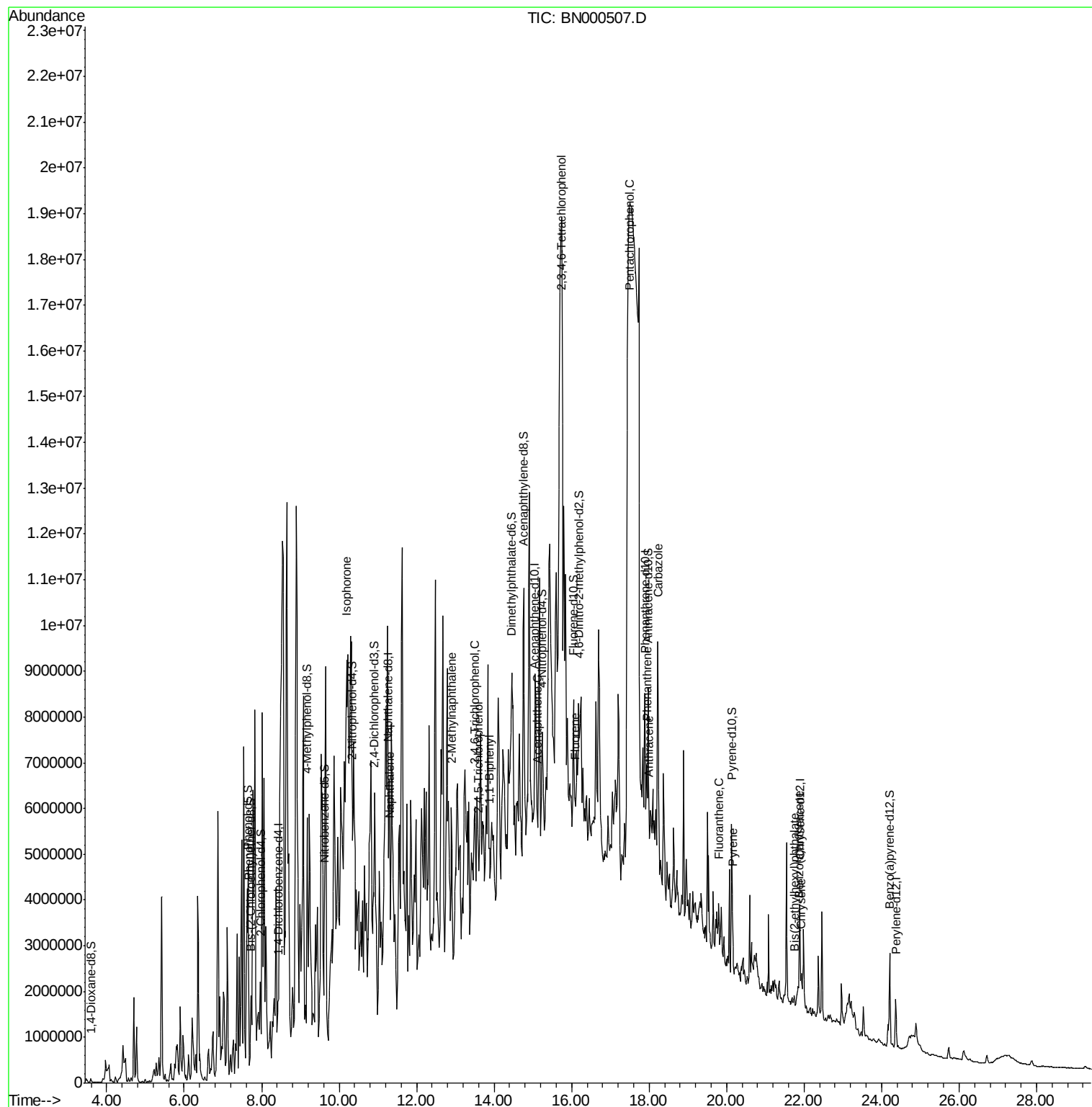
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000507.D
Acq On : 20 Mar 2018 23:36
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ALS Vial : 21 Sample Multiplier: 1

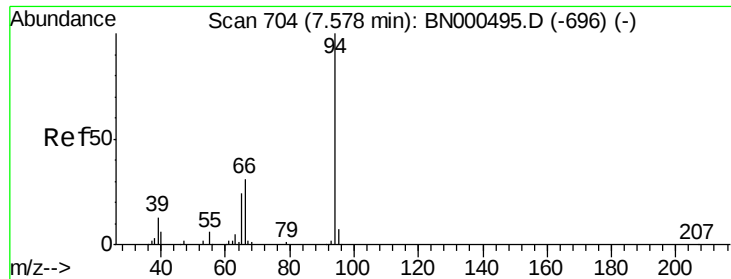
Instrument :
BNA_N
ClientSampled :
DAM44

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Quant Time: Mar 23 11:52:41 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 21 00:17:49 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.29 ng/ul

RT: 7.67 min Scan# 719

Delta R.T. 0.09 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

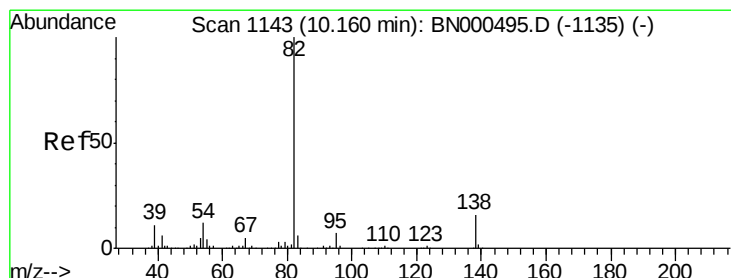
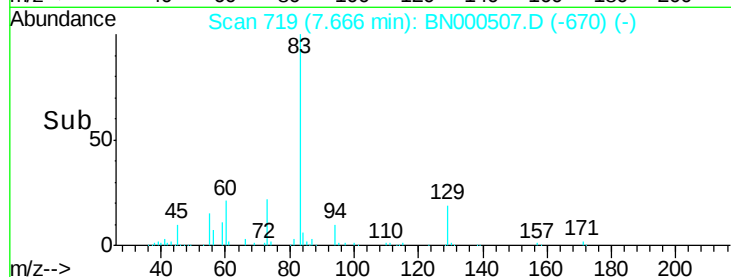
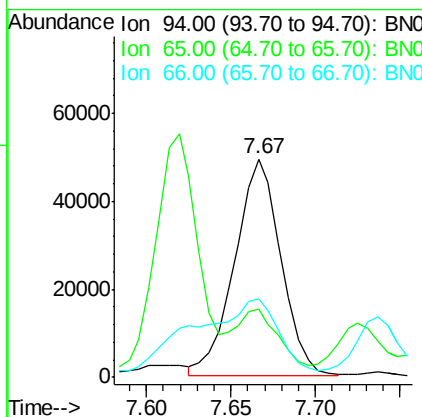
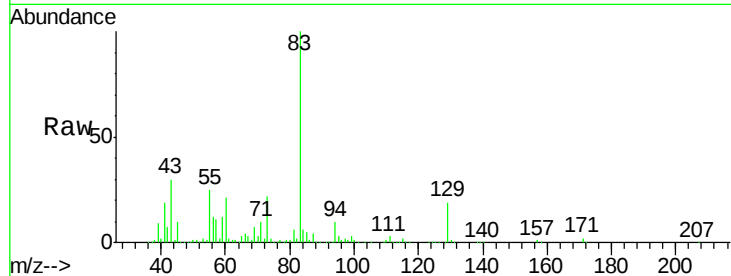
ClientSampleId :

DAM44

Tot Ion:	94	Resp:	94158
Ion Ratio	Lower	Upper	
94	100		
65	31.3	23.0	34.6
66	36.1	30.4	45.6

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#21

Isophorone

Concen: 78.33 ng/ul

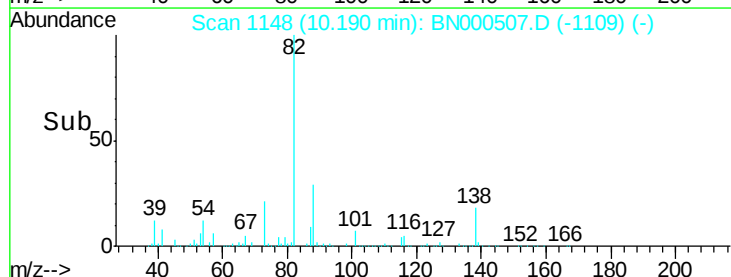
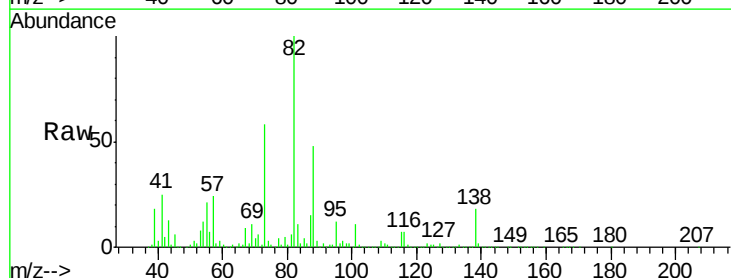
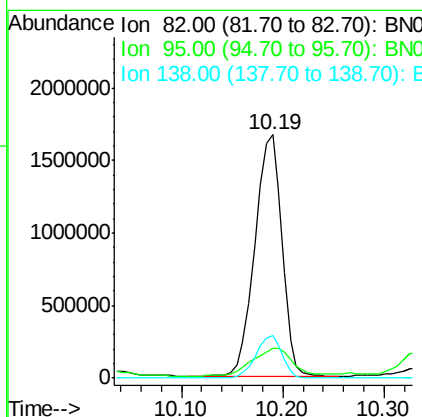
RT: 10.19 min Scan# 1148

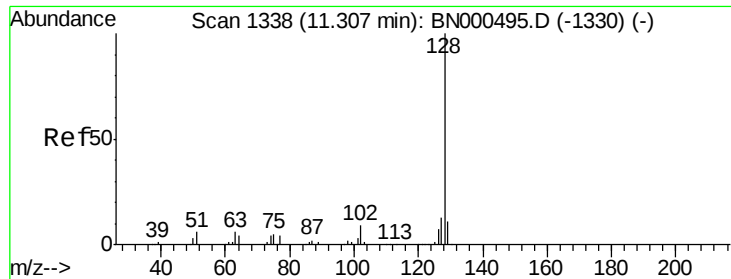
Delta R.T. 0.03 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Tgt Ion:	82	Resp:	3117622
Ion Ratio	Lower	Upper	
82	100		
95	12.0	6.1	9.1#
138	17.6	13.5	20.3





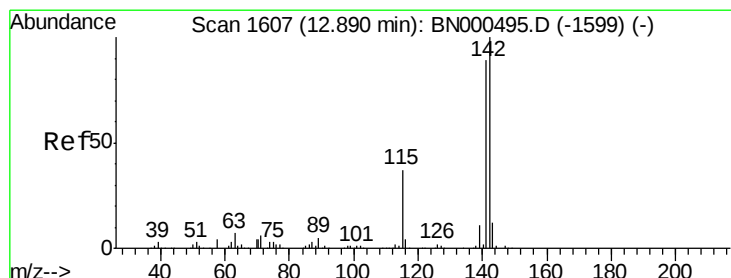
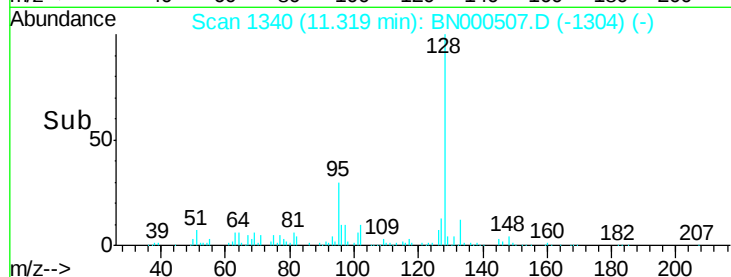
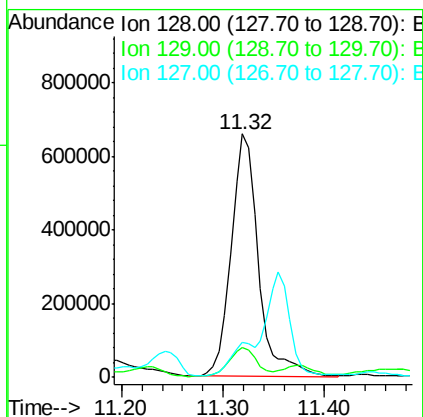
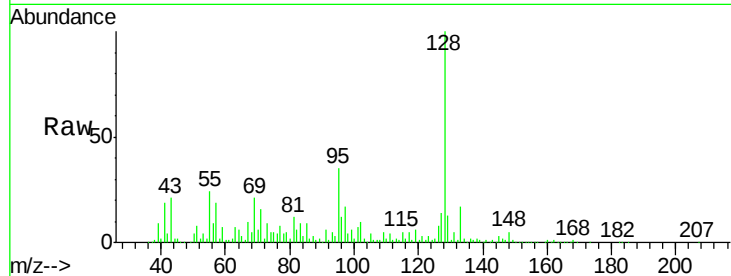
#28
Naphthalene
Concen: 22.43 ng/ul
RT: 11.32 min Scan# 1340
Delta R.T. 0.01 min
Lab File: BN000507.D
Acq: 20 Mar 2018 23:36

Instrument :
BNA_N
ClientSampled :
DAM44

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.5	8.3	12.5#
127	14.2	10.8	16.2

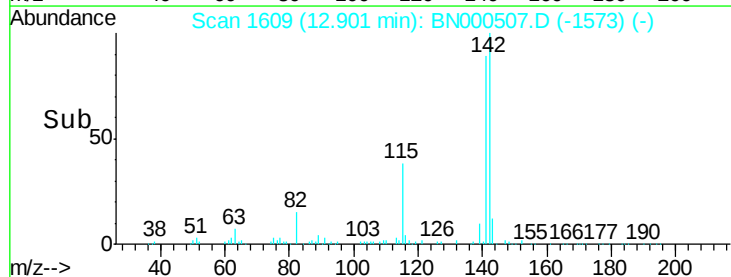
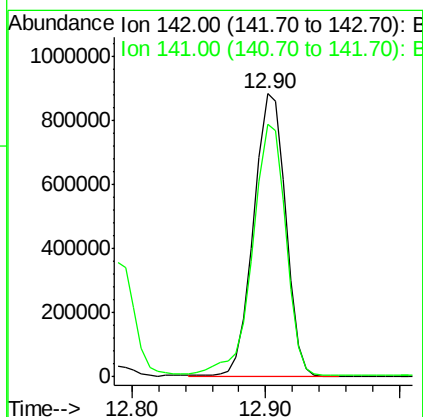
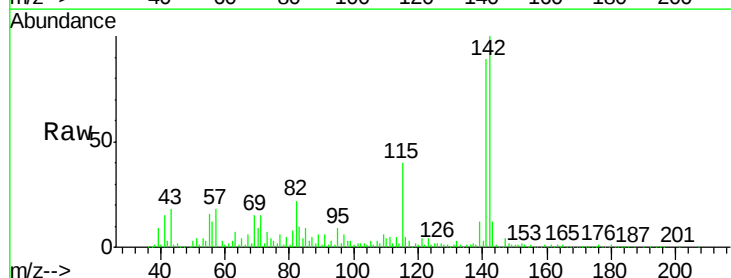
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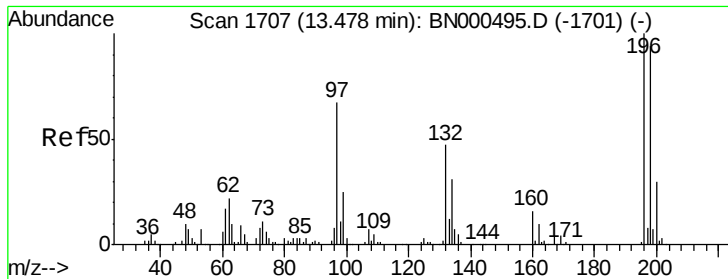
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#34
2-Methylnaphthalene
Concen: 39.80 ng/ul
RT: 12.90 min Scan# 1609
Delta R.T. 0.01 min
Lab File: BN000507.D
Acq: 20 Mar 2018 23:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.4	107.2





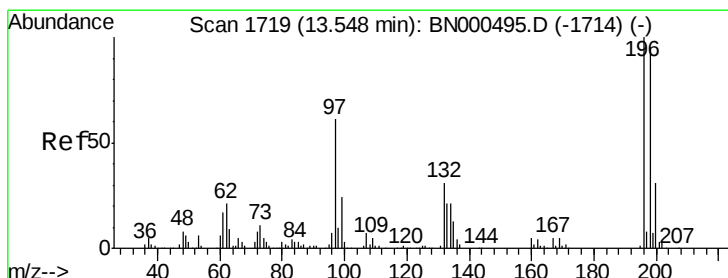
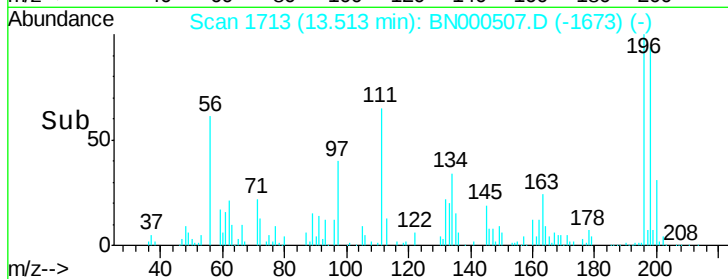
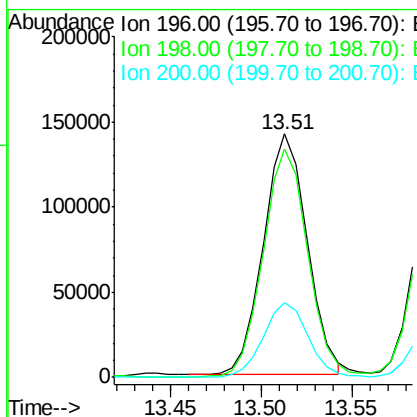
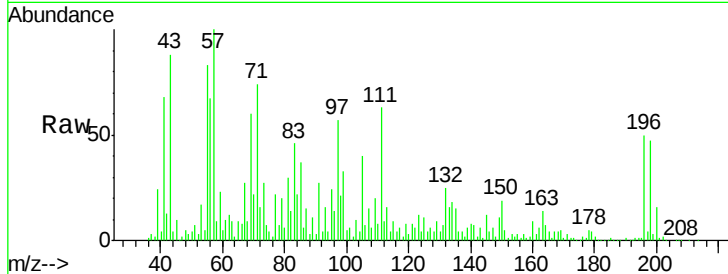
#38
 2,4,6-Trichlorophenol
 Concen: 21.80 ng/ul
 RT: 13.51 min Scan# 1713
 Delta R.T. 0.04 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

Instrument :
 BNA_N
 ClientSampled :
 DAM44

Tot Ion:	196	Resp:	238186
Ion Ratio	Lower	Upper	
196	100		
198	93.5	75.9	113.9
200	30.8	25.8	38.6

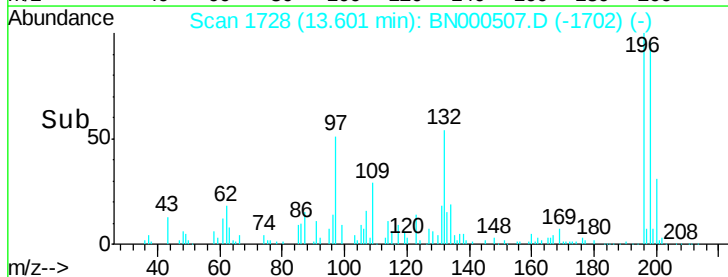
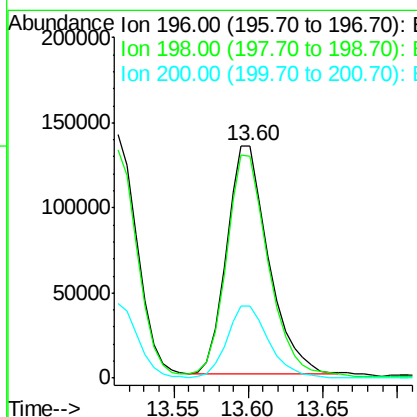
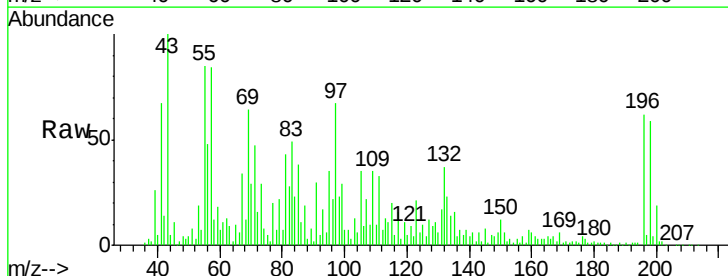
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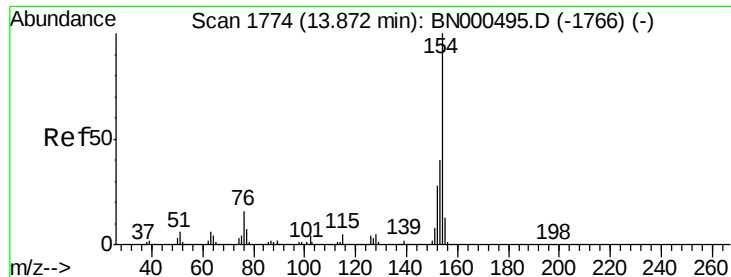
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#39
 2,4,5-Trichlorophenol
 Concen: 22.91 ng/ul
 RT: 13.60 min Scan# 1728
 Delta R.T. 0.05 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

Tgt Ion:	196	Resp:	261058
Ion Ratio	Lower	Upper	
196	100		
198	95.3	74.7	112.1
200	30.8	25.4	38.0





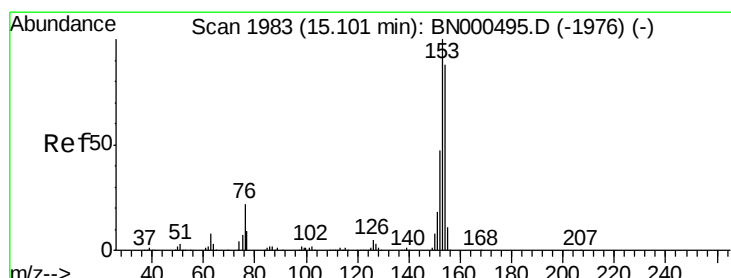
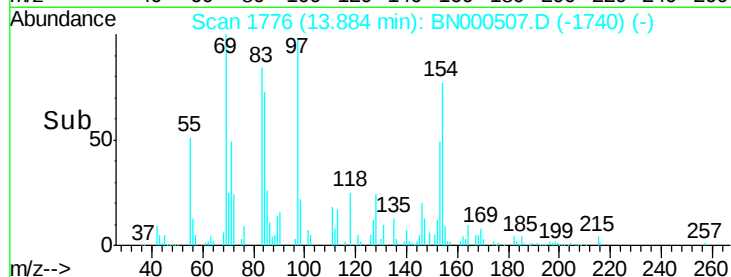
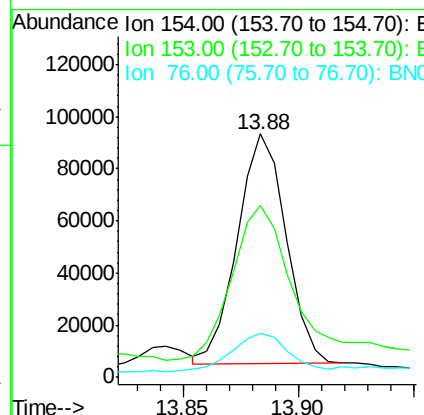
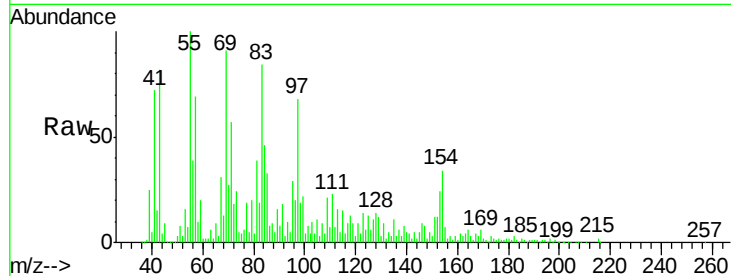
#40
 1,1'-Biphenyl
 Concen: 2.84 ng/ul
 RT: 13.88 min Scan# 1776
 Delta R.T. 0.01 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

Instrument :
 BNA_N
 ClientSampled :
 DAM44

Tot Ion	Ratio	Lower	Upper
154	100		
153	70.7	34.0	51.0#
76	18.0	8.4	12.6#

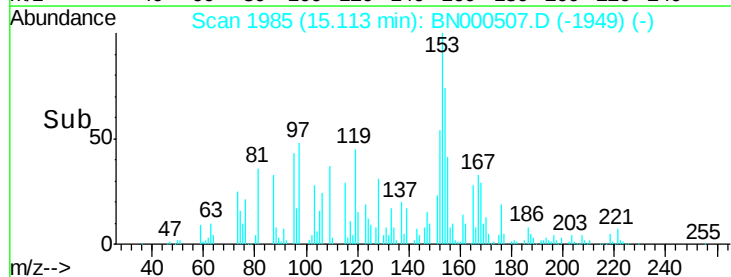
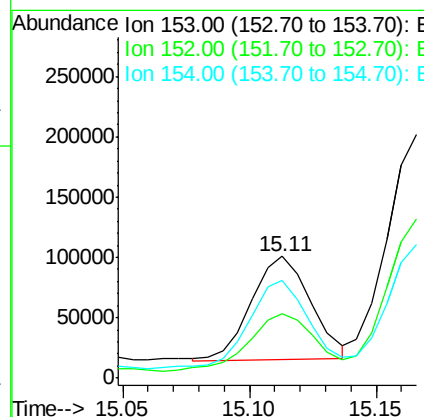
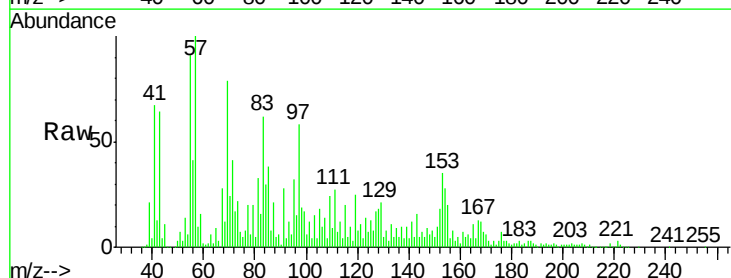
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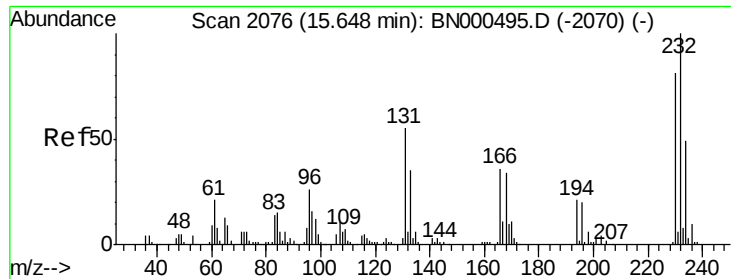
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#49
 Acenaphthene
 Concen: 3.73 ng/ul
 RT: 15.11 min Scan# 1985
 Delta R.T. 0.01 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

Tgt Ion	Ratio	Lower	Upper
153	100		
152	53.2	37.9	56.9
154	80.3	69.8	104.6





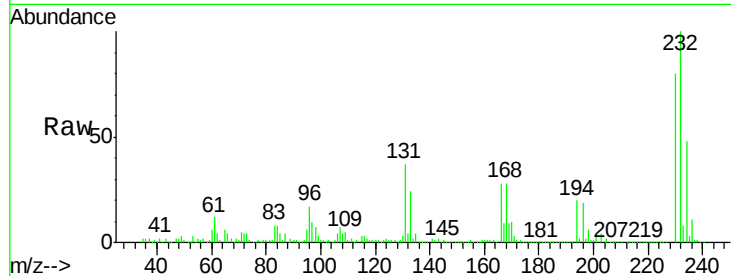
#55
 2,3,4,6-Tetrachlorophenol
 Concen: 1647.17 ng/ul m
 RT: 15.74 min Scan# 2092
 Delta R.T. 0.09 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

Instrument :
 BNA_N
 ClientSampleId :
 DAM44

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.7	48.0	72.0#
130	2.7	4.0	6.0#
166	28.2	32.0	48.0#

Manual Integrations
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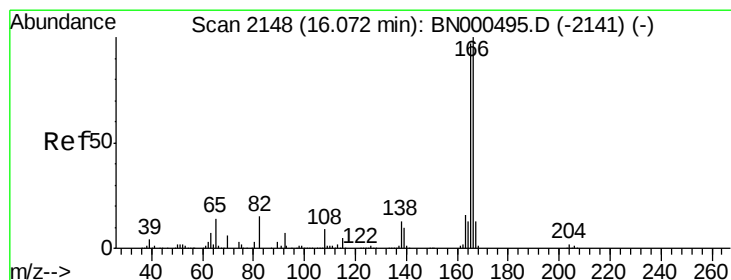
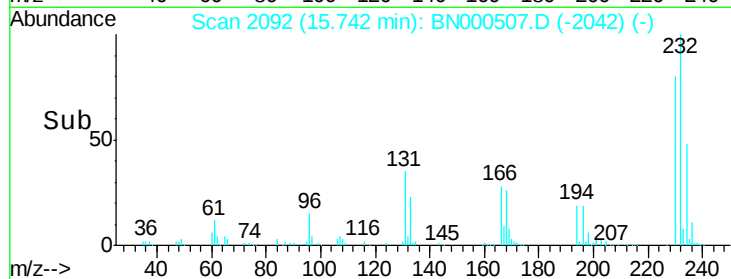
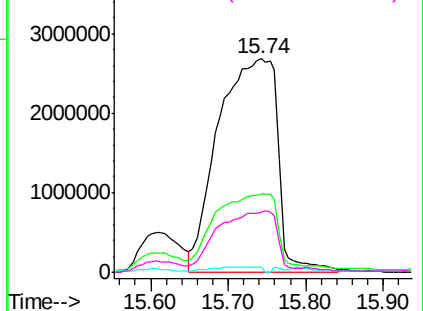
Abundance

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: 4.20 ng/ul
 RT: 16.10 min Scan# 2153
 Delta R.T. 0.03 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

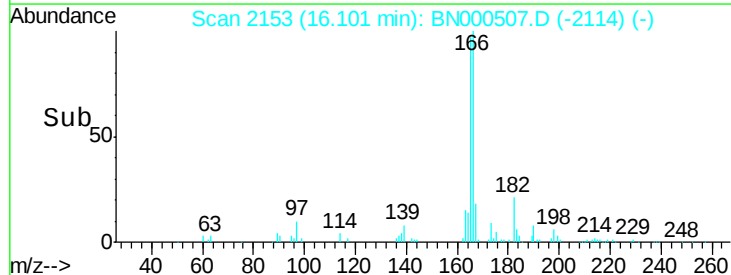
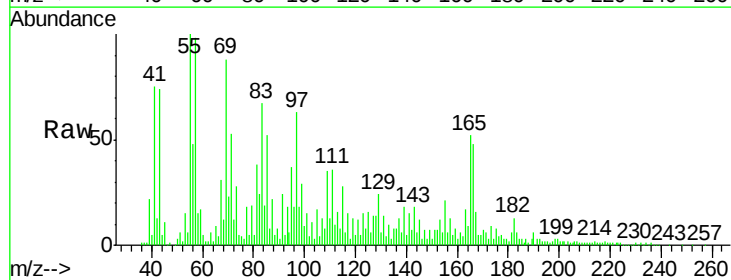
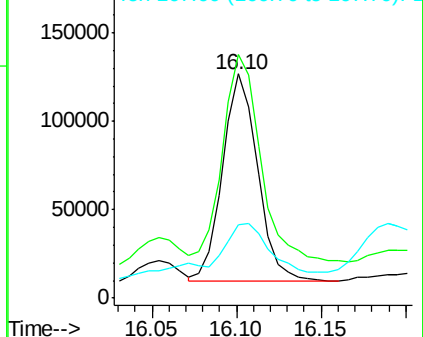
Tgt Ion	Ratio	Lower	Upper
166	100		
165	108.6	78.4	117.6
167	32.6	11.1	16.7#

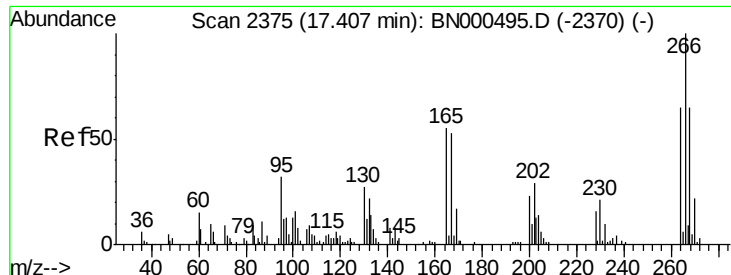
Abundance

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: 8497.04 ng/ul m
 RT: 17.49 min Scan# 2389
 Delta R.T. 0.08 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

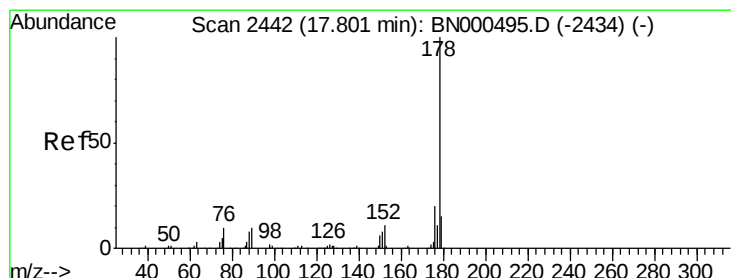
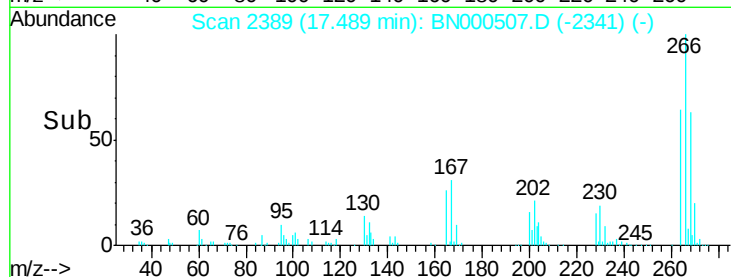
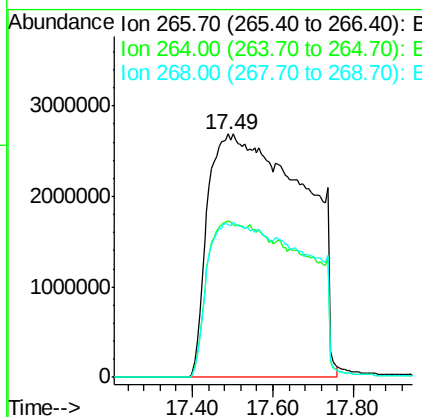
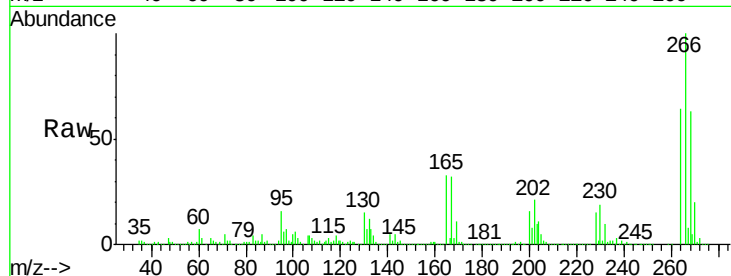
Instrument :
 BNA_N
 ClientSampled :
 DAM44

Tot Ion:266 Resp:44324166

Ion	Ratio	Lower	Upper
266	100		
264	64.4	48.2	72.4
268	62.8	52.3	78.5

Manual Integrations
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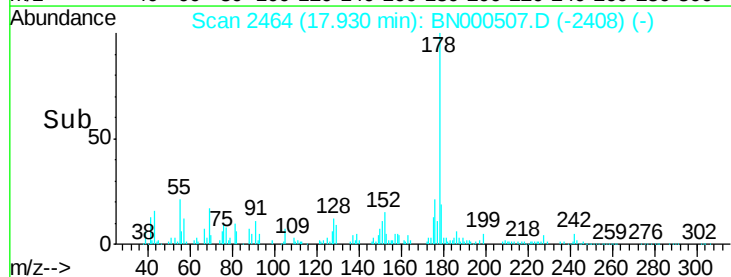
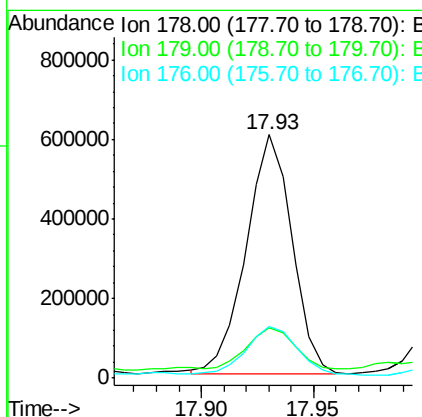
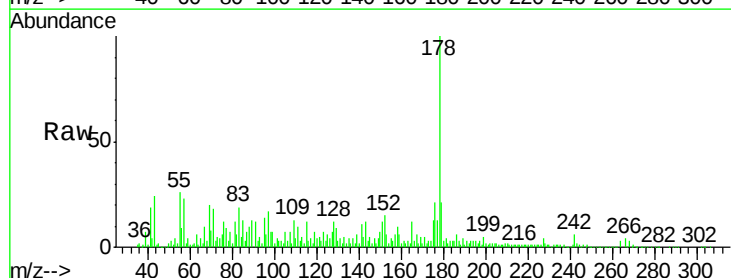
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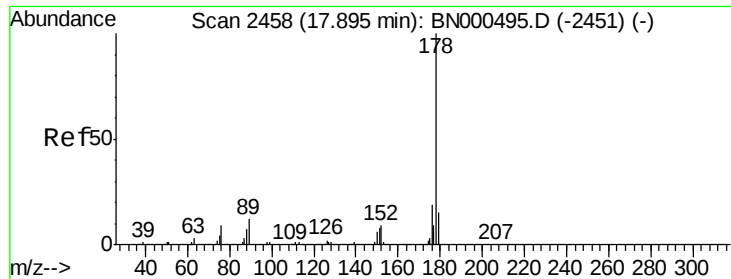


#69
 Phenanthrene
 Concen: 16.15 ng/ul m
 RT: 17.93 min Scan# 2464
 Delta R.T. 0.13 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

Tgt Ion:178 Resp: 853923

Ion	Ratio	Lower	Upper
178	100		
179	20.6	12.3	18.5#
176	21.3	15.4	23.0





#71

Anthracene

Concen: 4.02 ng/ul m

RT: 18.01 min Scan# 2477

Delta R.T. 0.11 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

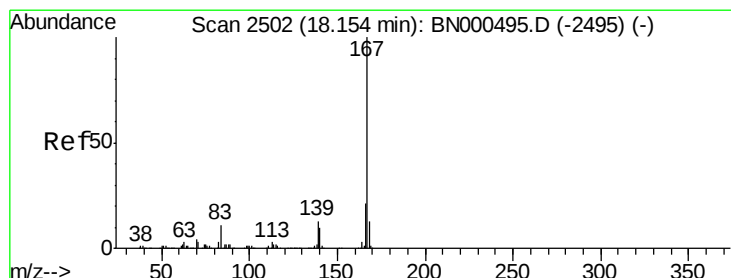
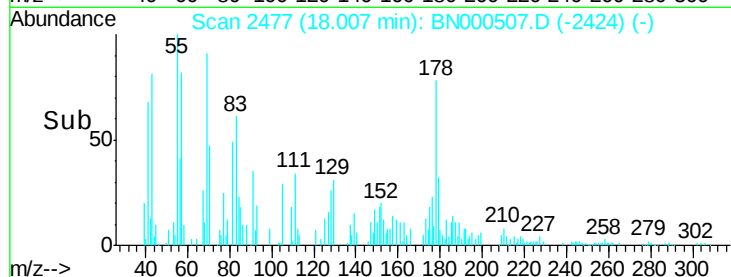
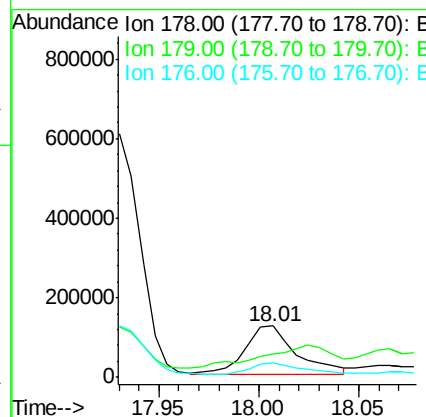
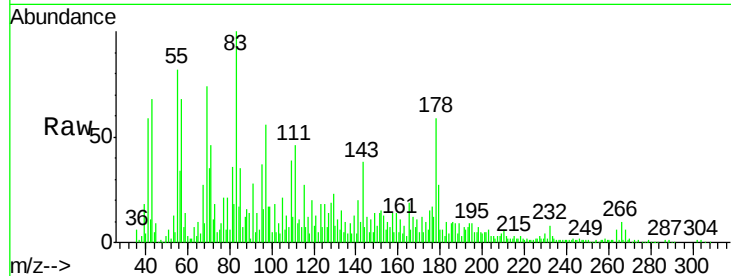
ClientSampleId :

DAM44

Tot Ion	Ratio	Lower	Upper
178	100		
179	46.4	13.4	20.2#
176	28.5	15.4	23.0#

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#72

Carbazole

Concen: 8.35 ng/ul m

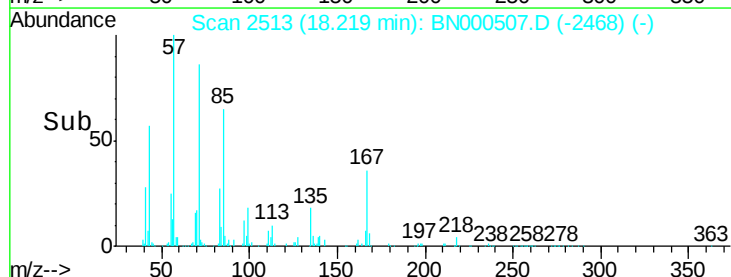
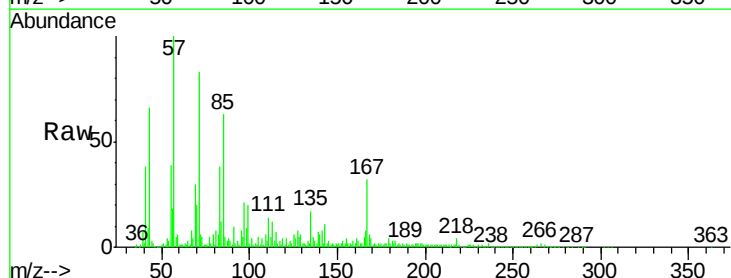
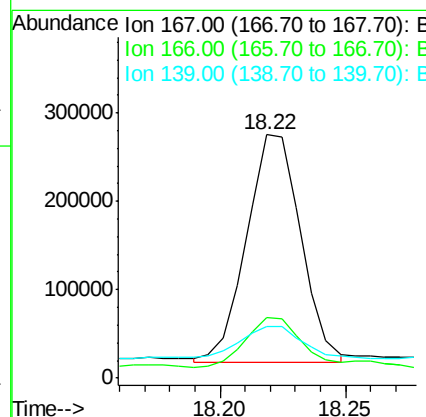
RT: 18.22 min Scan# 2513

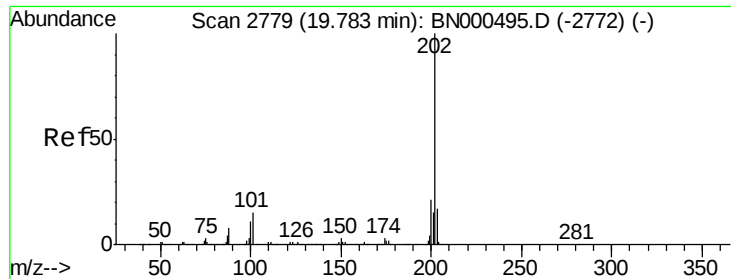
Delta R.T. 0.06 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.1	17.0	25.4
139	21.3	9.1	13.7#





#74

Fluoranthene

Concen: 10.65 ng/ul m

RT: 19.81 min Scan# 2783

Delta R.T. 0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Instrument :

BNA_N

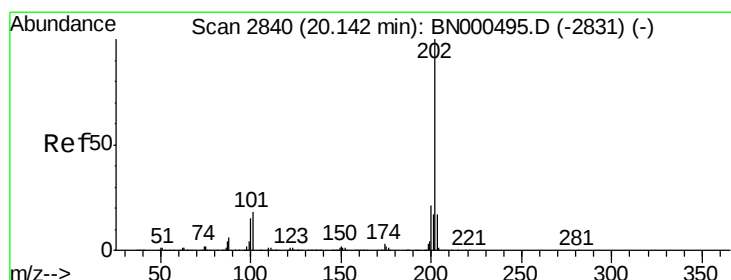
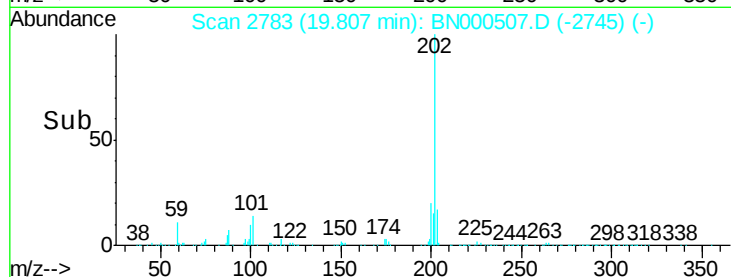
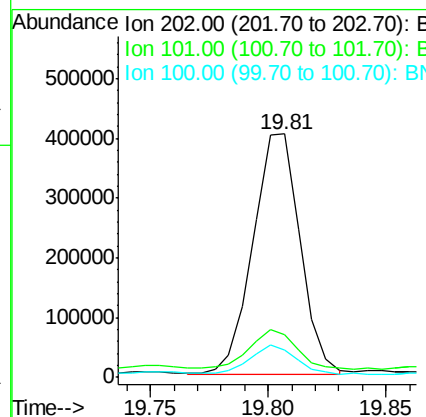
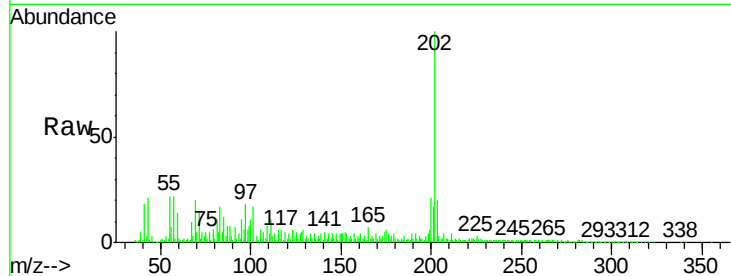
ClientSampled :

DAM44

Tot Ion:	202	Resp:	559746
Ion Ratio	Lower	Upper	
202	100		
101	17.4	6.1	9.1#
100	11.4	4.6	7.0#

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#77

Pyrene

Concen: 8.73 ng/ul

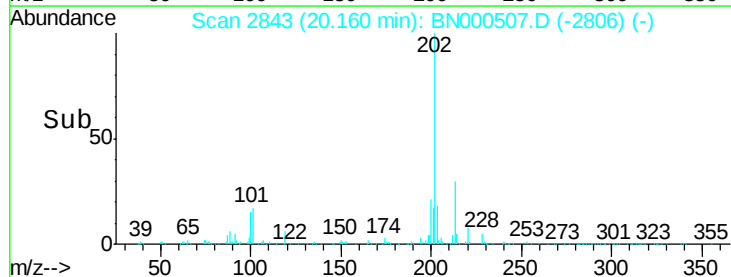
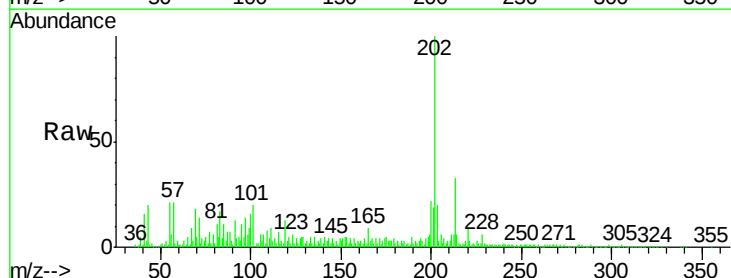
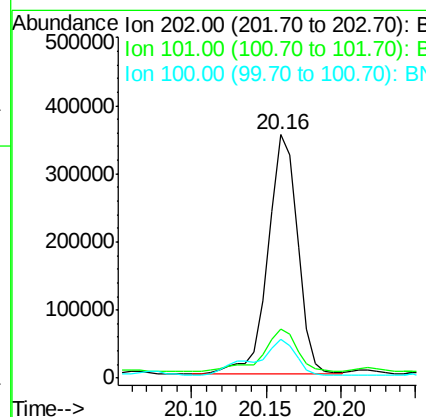
RT: 20.16 min Scan# 2843

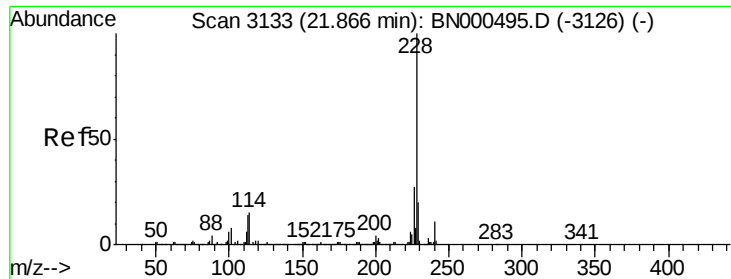
Delta R.T. 0.02 min

Lab File: BN000507.D

Acq: 20 Mar 2018 23:36

Tgt Ion:	202	Resp:	485791
Ion Ratio	Lower	Upper	
202	100		
101	20.1	6.9	10.3#
100	15.8	5.6	8.4#





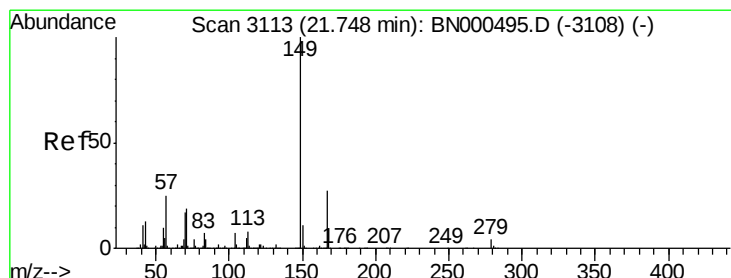
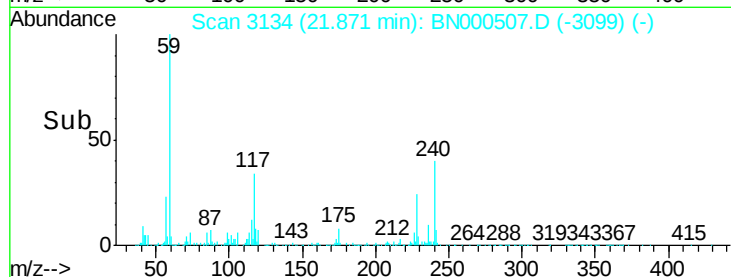
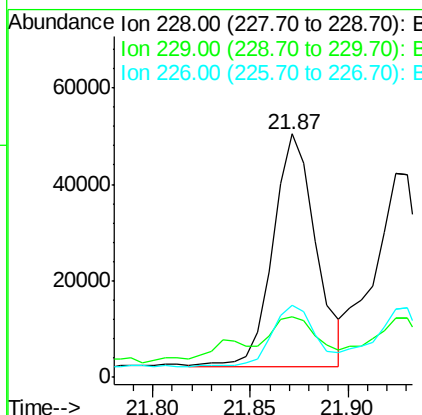
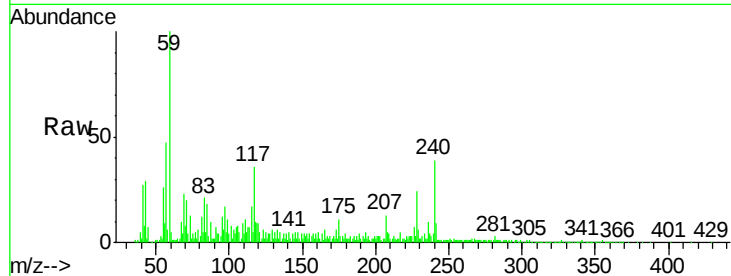
#80
Benzo(a)anthracene
Concen: 1.45 ng/ul
RT: 21.87 min Scan# 3134
Delta R.T. 0.01 min
Lab File: BN000507.D
Acq: 20 Mar 2018 23:36

Instrument :
BNA_N
ClientSampleId :
DAM44

Tot Ion	Ratio	Lower	Upper
228	100		
229	25.1	16.0	24.0#
226	29.8	21.8	32.8

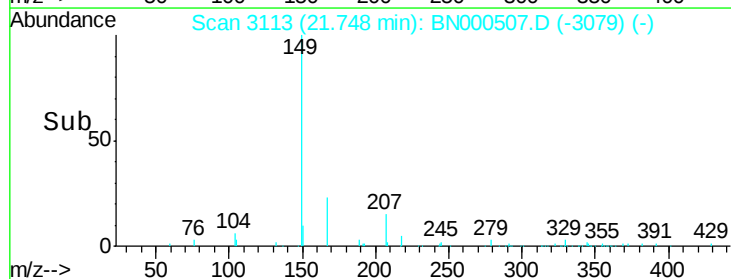
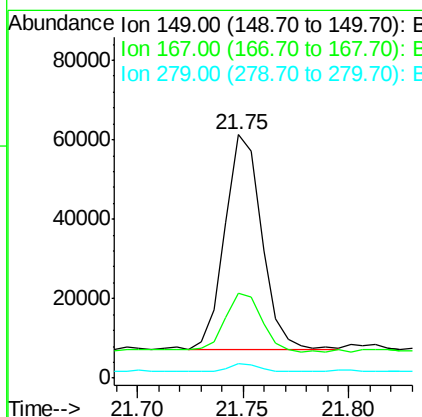
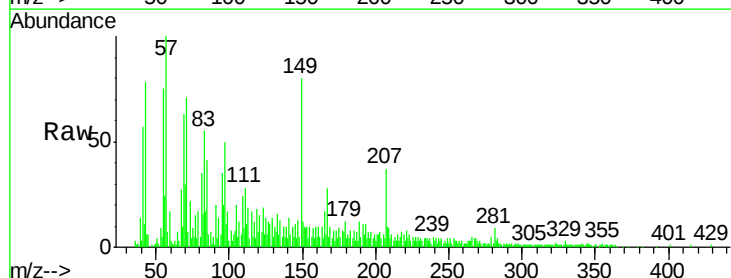
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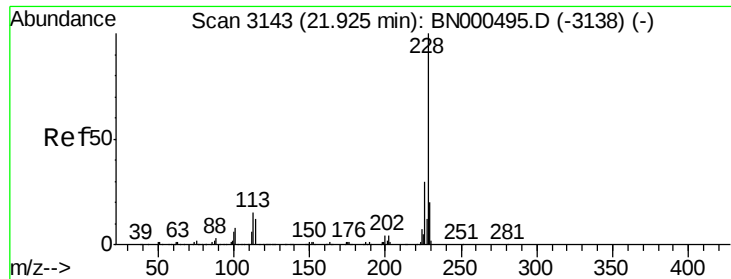
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#81
Bis(2-ethylhexyl)phthalate
Concen: 1.62 ng/ul
RT: 21.75 min Scan# 3113
Delta R.T. -0.00 min
Lab File: BN000507.D
Acq: 20 Mar 2018 23:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	34.7	23.0	34.6#
279	5.9	4.3	6.5





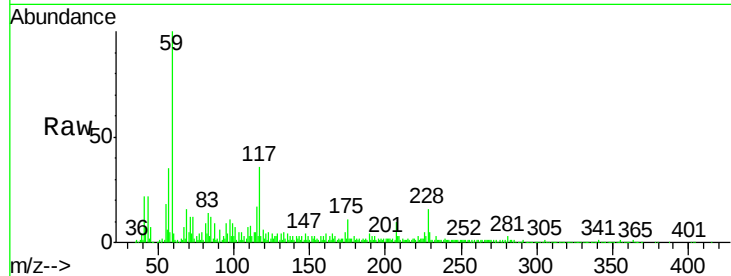
#82
 Chrysene
 Concen: 1.41 ng/ul
 RT: 21.92 min Scan# 3143
 Delta R.T. -0.00 min
 Lab File: BN000507.D
 Acq: 20 Mar 2018 23:36

Instrument :
 BNA_N
 ClientSampleId :
 DAM44

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	24.1	36.1
229	29.1	16.0	24.0

Manual Integrations
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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

