

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\
 Data File : BN000508.D
 Acq On : 21 Mar 2018 00:11
 Operator : JU/SJ
 Sample : J1905-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM47

Manual Integrations
 APPROVED

Sohil
 3/22/2018 6:48:12 PM

Quant Time: Mar 23 11:53:29 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	8.44	152	261873	20.00	ng/ul	0.02
18) Naphthalene-d8	11.29	136	558338	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.07	164	375732	20.00	ng/ul	0.03
61) Phenanthrene-d10	17.90	188	697184m	20.00	ng/ul	0.14
75) Chrysene-d12	21.89	240	808448m	20.00	ng/ul	0.01
83) Perylene-d12	24.38	264	919496	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	49077	6.69	ng/uL	0.00
5) Phenol-d5	7.60	99	52465	2.15	ng/ul	0.05
7) Bis-(2-Chloroethyl)ether-d	7.74	67	506340	35.93	ng/ul	0.02
9) 2-Chlorophenol-d4	8.00	132	345927	18.73	ng/ul	0.06
13) 4-Methylphenol-d8	9.16	113	4397	0.23	ng/ul	0.04
19) Nitrobenzene-d5	9.64	128	227294	50.12	ng/ul	0.05
22) 2-Nitrophenol-d4	10.37	143	169169	36.01	ng/ul	0.04
26) 2,4-Dichlorophenol-d3	10.99	165	468444m	55.63	ng/ul	0.12
29) 4-Chloroaniline-d4	11.39	131	477311	55.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.46	166	929890	31.33	ng/ul	0.04
46) Acenaphthylene-d8	14.77	160	1391369	35.53	ng/ul	0.03
51) 4-Nitrophenol-d4	15.27	143	116788	21.19	ng/ul	0.06
57) Fluorene-d10	16.07	176	906040	35.82	ng/ul	0.05
62) 4,6-Dinitro-2-methylphenol	16.23	200	243221m	60.91	ng/ul	0.10
70) Anthracene-d10	17.97	188	1190029m	35.51	ng/ul	0.11
76) Pyrene-d10	20.14	212	1413331	31.67	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.23	264	1503979	34.66	ng/ul	0.02

Target Compounds

						Ovalue
21) Isophorone	10.22	82	3114340	145.95	ng/ul#	92
28) Naphthalene	11.35	128	3546027	120.94	ng/ul	97
34) 2-Methylnaphthalene	12.93	142	4505287	230.15	ng/ul	100
38) 2,4,6-Trichlorophenol	13.56	196	216746m	28.31	ng/ul	
39) 2,4,5-Trichlorophenol	13.66	196	155836m	19.52	ng/ul	
40) 1,1'-Biphenyl	13.90	154	455811	14.25	ng/ul#	81
49) Acenaphthene	15.13	153	247712	9.47	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.76	232	15533418m	2547.88	ng/ul	
58) Fluorene	16.12	166	380138	13.47	ng/ul#	64
68) Pentachlorophenol	17.51	266	38573943m	9737.56	ng/ul	
69) Phenanthrene	17.92	178	1715095m	42.70	ng/ul	
71) Anthracene	18.00	178	412717m	10.02	ng/ul	
73) Di-n-butylphthalate	18.77	149	223519m	4.65	ng/ul	
74) Fluoranthene	19.81	202	582685m	14.60	ng/ul	
77) Pyrene	20.17	202	565482m	9.58	ng/ul	
80) Benzo(a)anthracene	21.88	228	113307m	2.10	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.75	149	816848	19.18	ng/ul	99
82) Chrysene	21.93	228	123677m	2.45	ng/ul	
85) Benzo(b)fluoranthene	23.62	252	98741m	1.70	ng/ul	

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

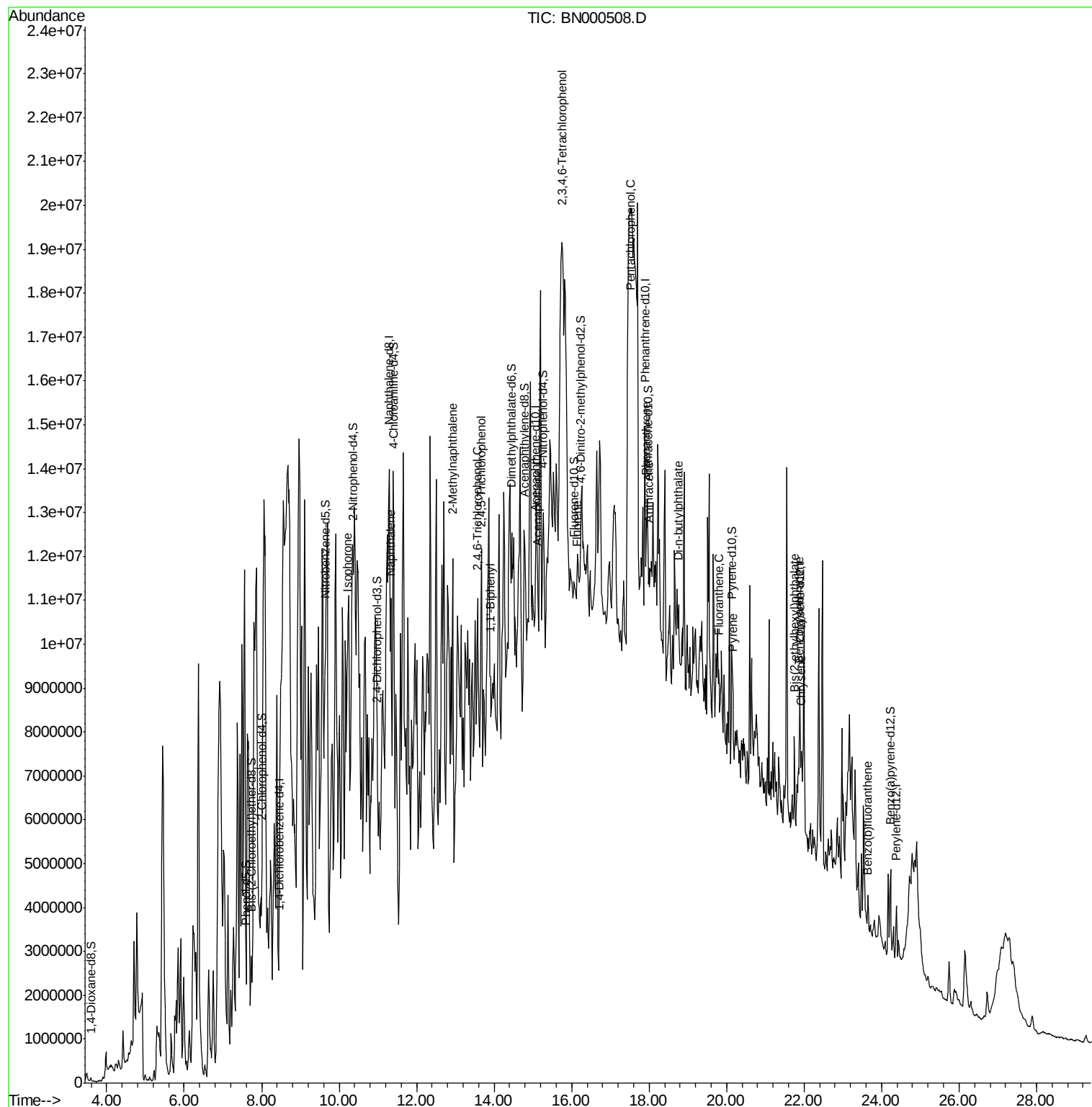
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032018\
Data File : BN000508.D
Acq On : 21 Mar 2018 00:11
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Sample : J1905-12
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ALS Vial : 22 Sample Multiplier: 1

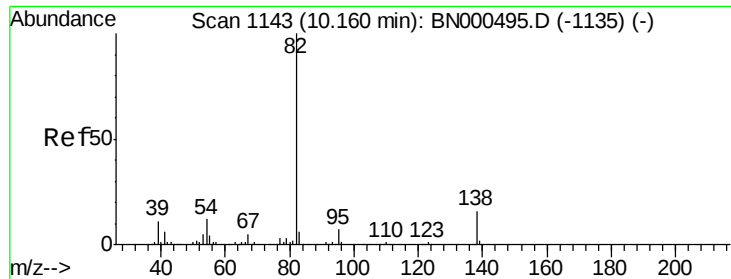
Instrument :
BNA_N
ClientSampled :
DAM47

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Quant Time: Mar 23 11:53:29 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





#21

Isophorone

Concen: 145.95 ng/ul

RT: 10.22 min Scan# 1153

Delta R.T. 0.06 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

DAM47

Tot Ion: 82 Resp: 3114340

Ion Ratio Lower Upper

82 100

95 15.2 6.1 9.1#

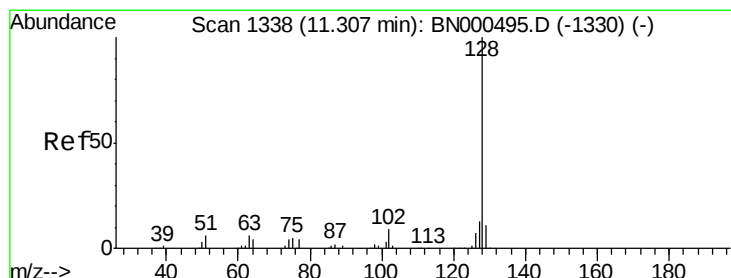
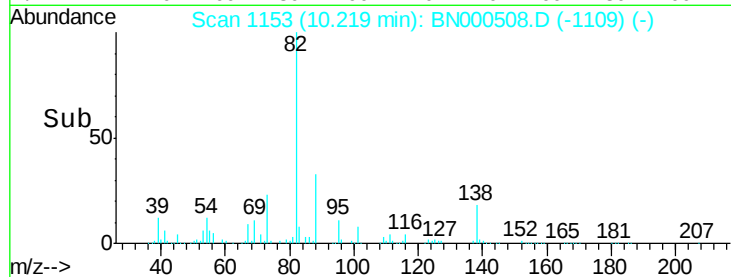
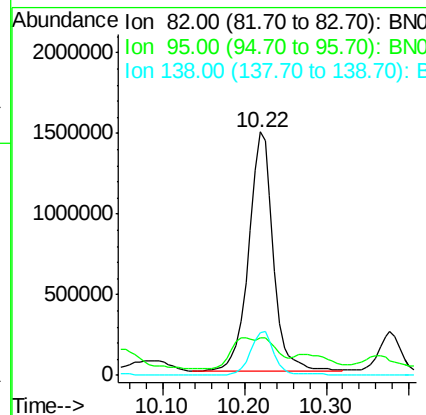
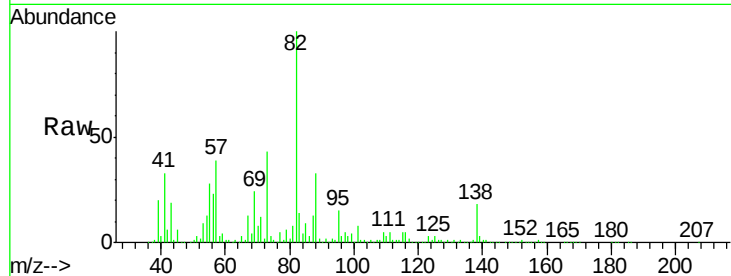
138 17.6 13.5 20.3

Manual Integrations

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#28

Naphthalene

Concen: 120.94 ng/ul

RT: 11.35 min Scan# 1345

Delta R.T. 0.04 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

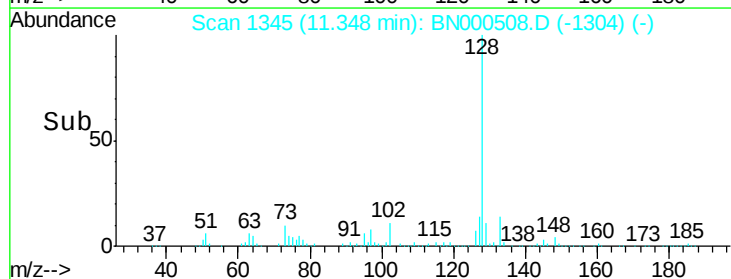
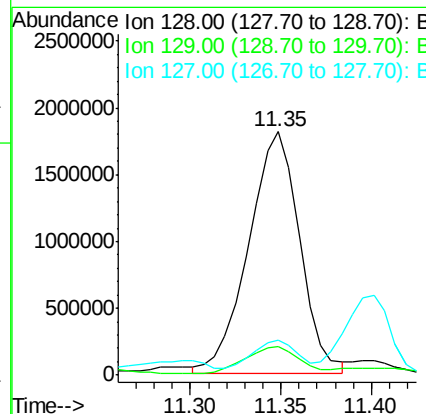
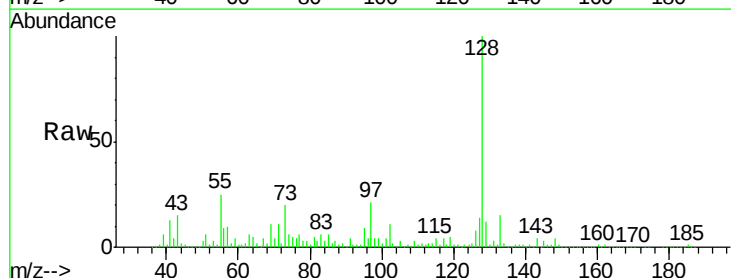
Tgt Ion: 128 Resp: 3546027

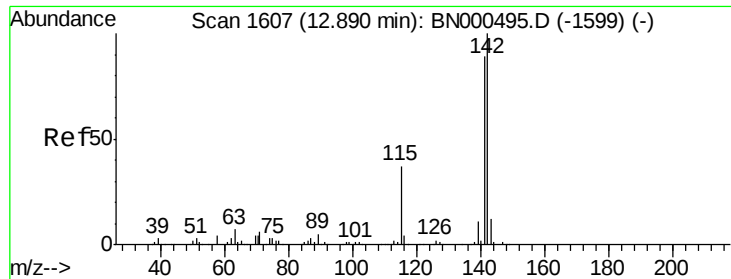
Ion Ratio Lower Upper

128 100

129 11.9 8.3 12.5

127 14.2 10.8 16.2





#34

2-Methylnaphthalene

Concen: 230.15 ng/ul

RT: 12.93 min Scan# 1614

Delta R.T. 0.04 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampled :

DAM47

Tot Ion:142 Resp: 4505287

Ion Ratio Lower Upper

142 100

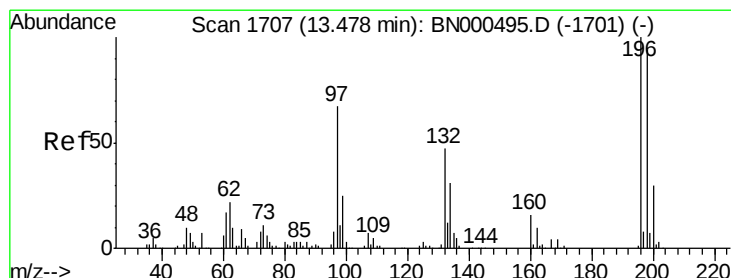
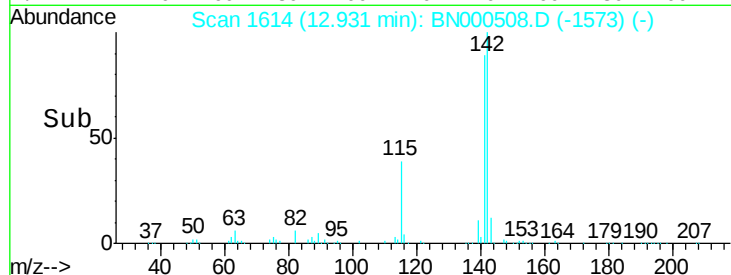
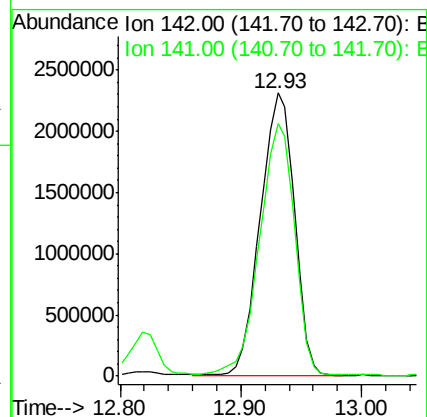
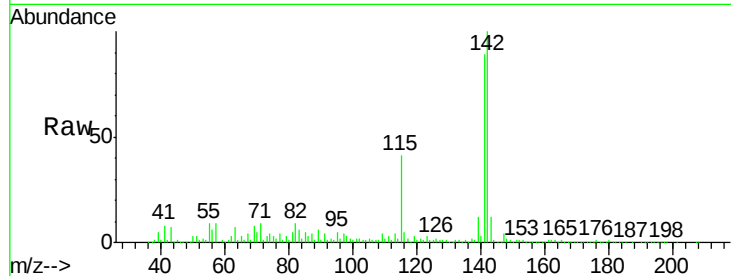
141 89.5 71.4 107.2

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#38

2,4,6-Trichlorophenol

Concen: 28.31 ng/ul m

RT: 13.56 min Scan# 1721

Delta R.T. 0.08 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

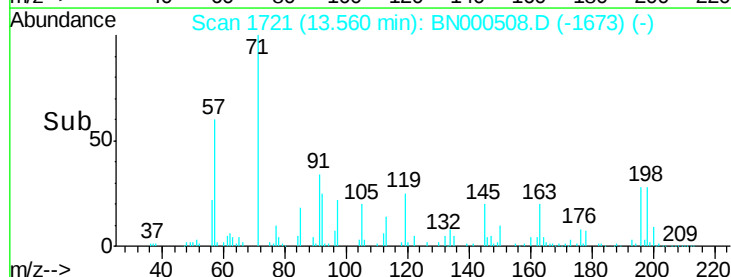
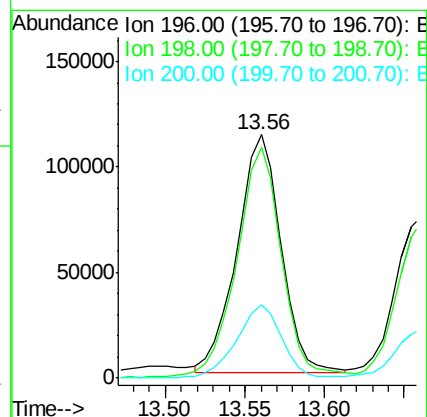
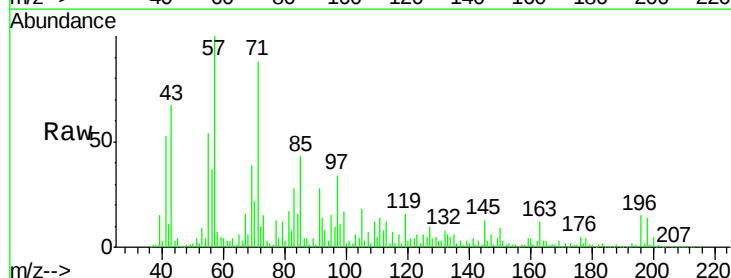
Tgt Ion:196 Resp: 216746

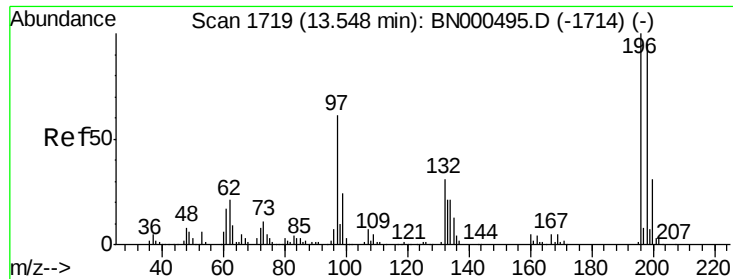
Ion Ratio Lower Upper

196 100

198 95.0 75.9 113.9

200 30.3 25.8 38.6





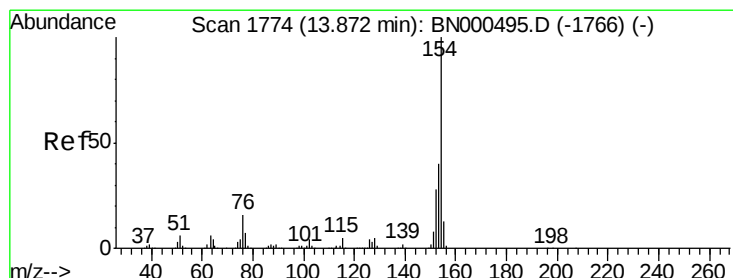
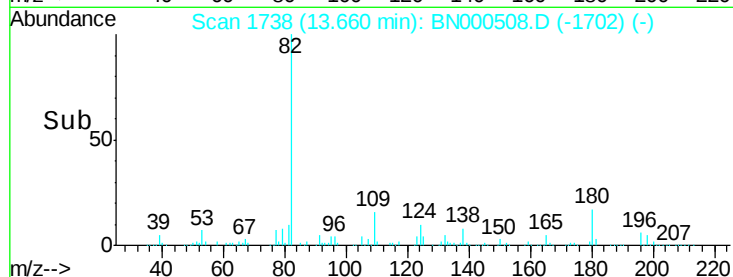
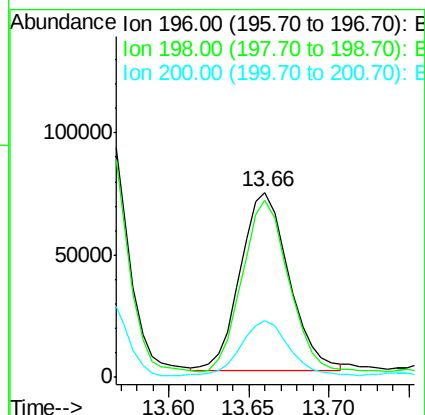
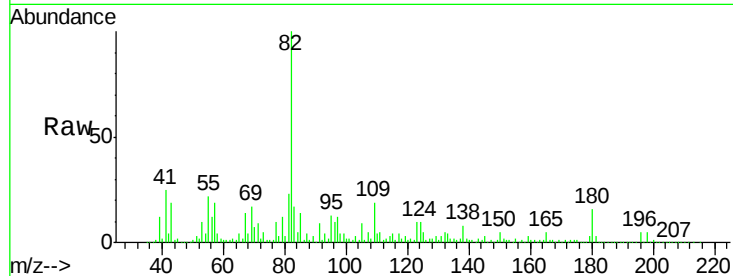
#39
 2,4,5-Trichlorophenol
 Concen: 19.52 ng/ul m
 RT: 13.66 min Scan# 1738
 Delta R.T. 0.11 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

Instrument :
 BNA_N
 ClientSampled :
 DAM47

Tot Ion	Ratio	Resp	Lower	Upper
196	100	155836		
198	95.5	74.7	112.1	
200	30.7	25.4	38.0	

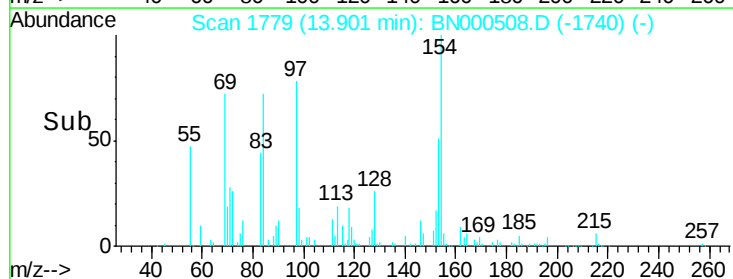
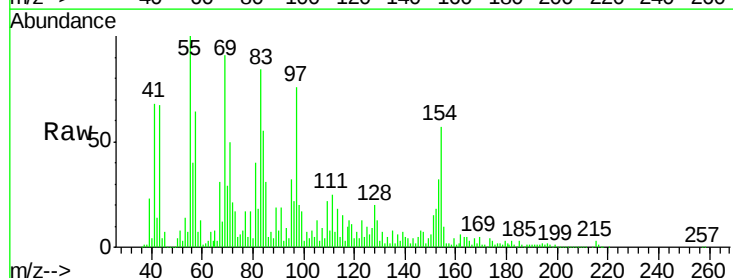
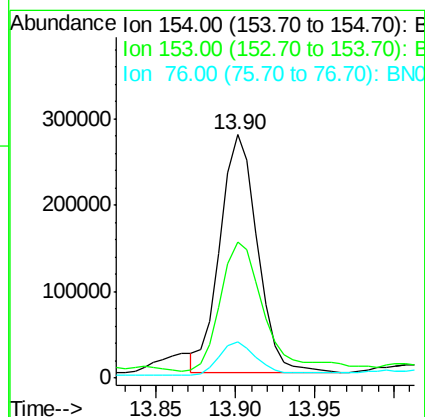
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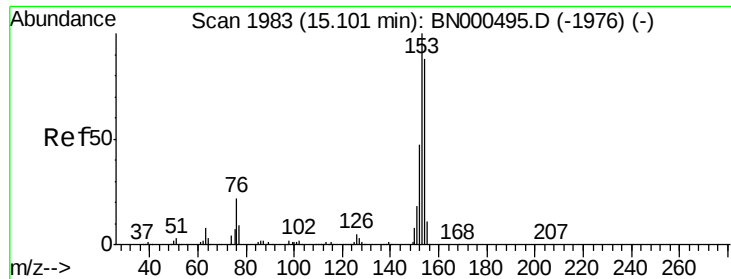
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#40
 1,1'-Biphenyl
 Concen: 14.25 ng/ul
 RT: 13.90 min Scan# 1779
 Delta R.T. 0.03 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	455811		
153	56.1	34.0	51.0#	
76	14.7	8.4	12.6#	





#49

Acenaphthene

Concen: 9.47 ng/ul

RT: 15.13 min Scan# 1988

Delta R.T. 0.03 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

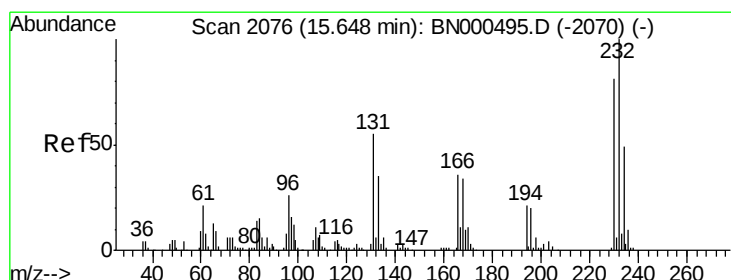
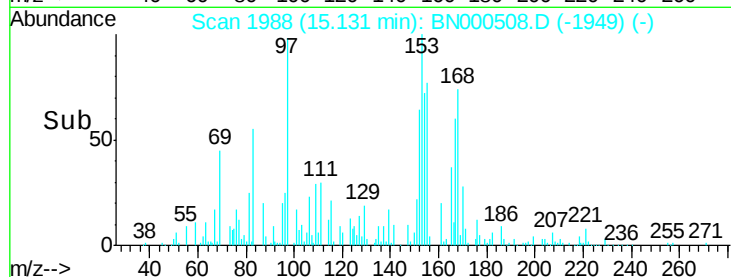
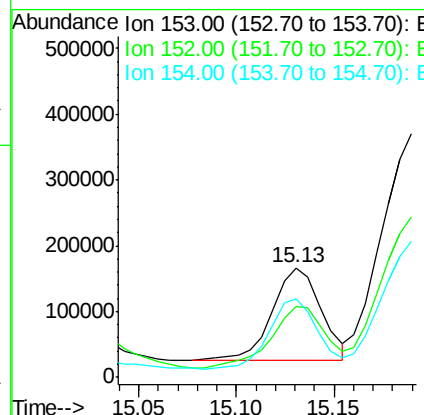
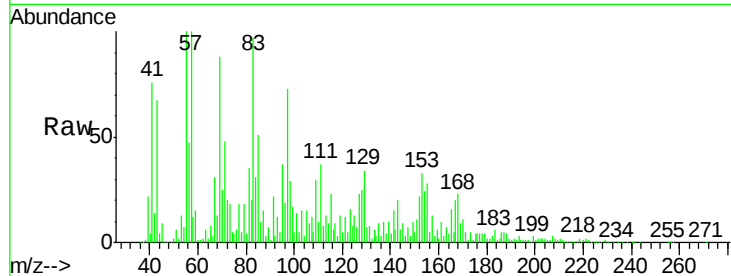
ClientSampled :

DAM47

Tot Ion:	153	Resp:	247712
Ion Ratio	Lower	Upper	
153	100		
152	65.1	37.9	56.9#
154	72.3	69.8	104.6

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2547.88 ng/ul m

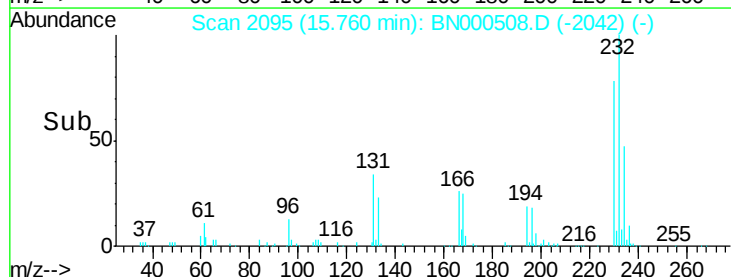
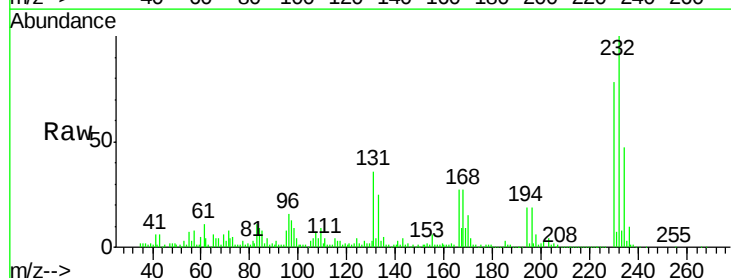
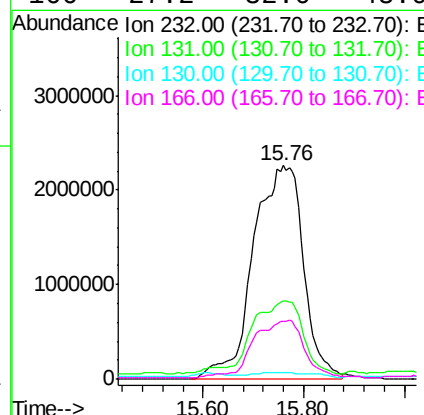
RT: 15.76 min Scan# 2095

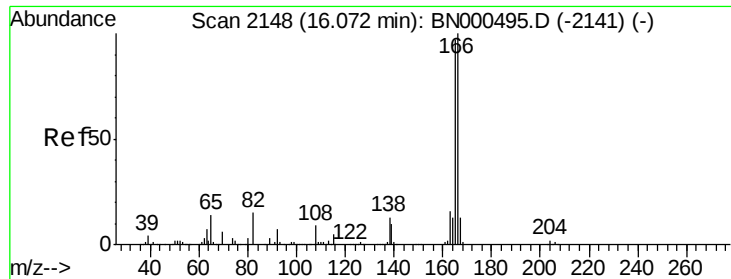
Delta R.T. 0.11 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Tgt Ion:	232	Resp:	15533418
Ion Ratio	Lower	Upper	
232	100		
131	36.4	48.0	72.0#
130	2.8	4.0	6.0#
166	27.2	32.0	48.0#





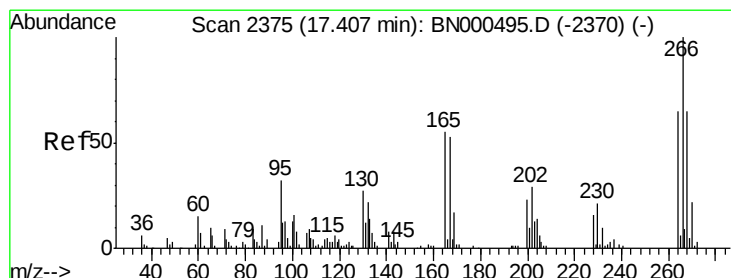
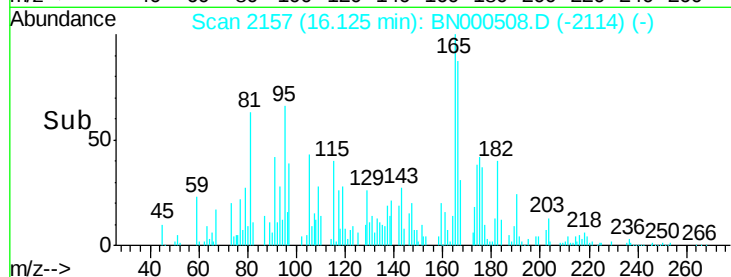
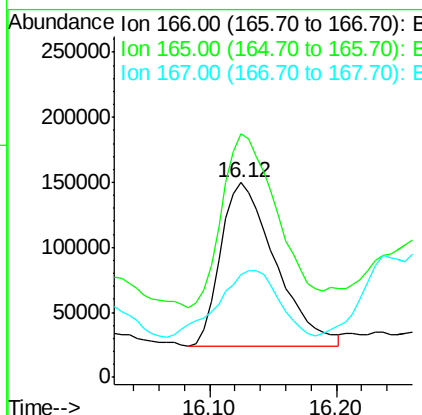
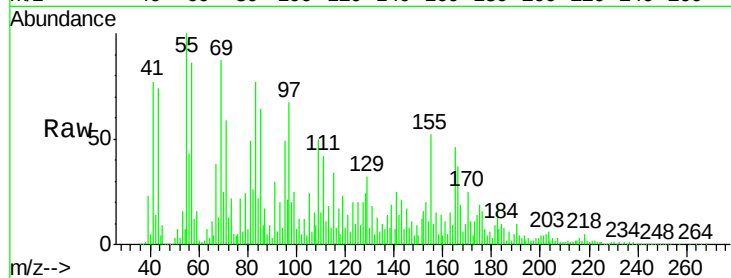
#58
Fluorene
 Concen: 13.47 ng/ul
 RT: 16.12 min Scan# 2157
 Delta R.T. 0.05 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

Instrument :
 BNA_N
 ClientSampled :
 DAM47

Tot Ion	Ratio	Lower	Upper
166	100		
165	125.1	78.4	117.6#
167	52.7	11.1	16.7#

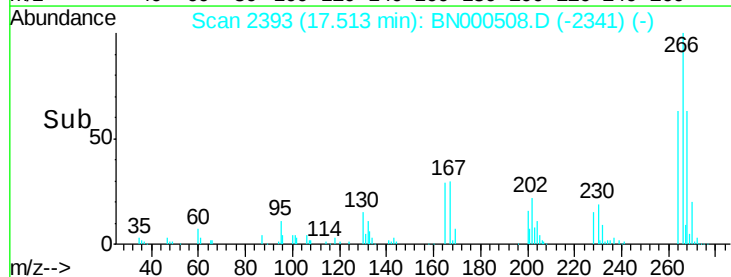
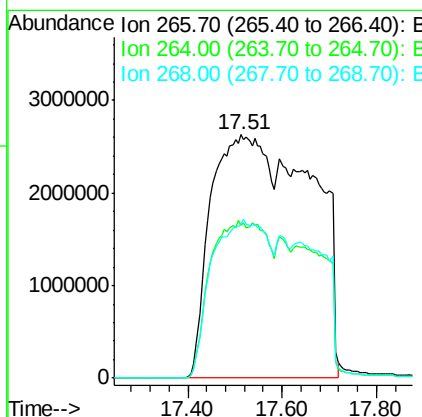
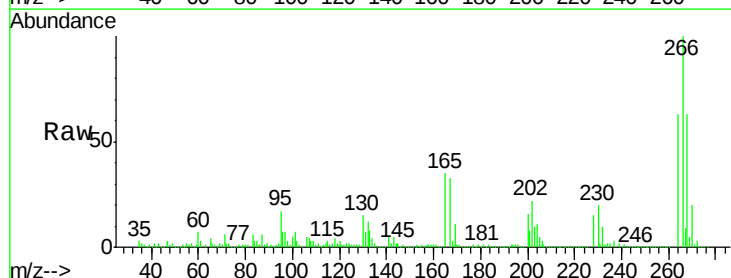
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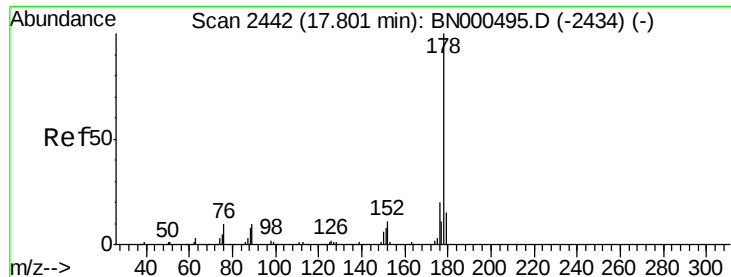
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#68
Pentachlorophenol
 Concen: 9737.56 ng/ul m
 RT: 17.51 min Scan# 2393
 Delta R.T. 0.11 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.6	48.2	72.4
268	63.4	52.3	78.5





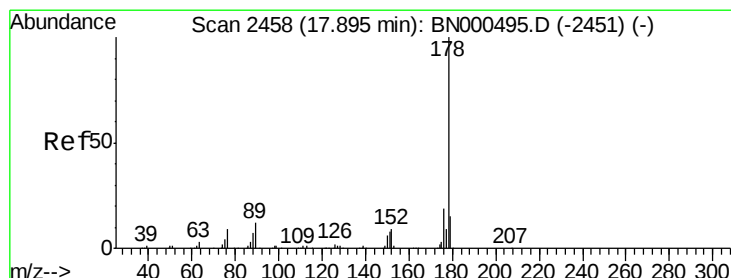
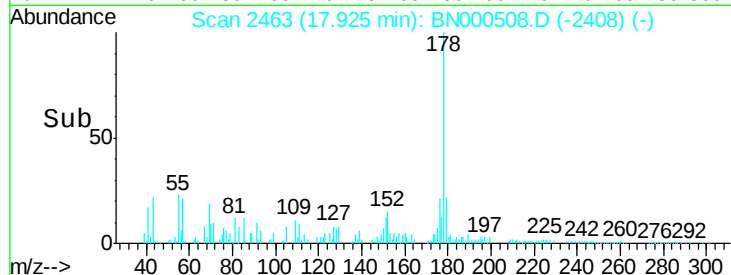
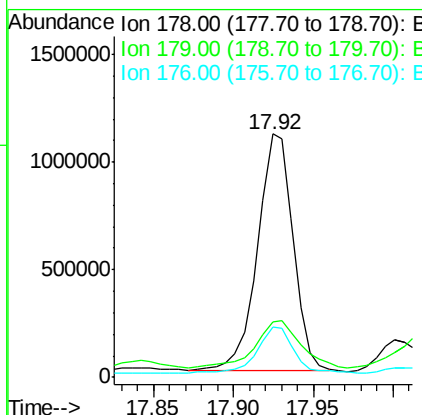
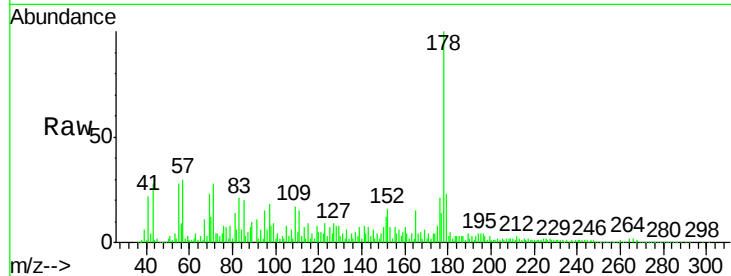
#69
Phenanthrene
Concen: 42.70 ng/ul m
RT: 17.92 min Scan# 2463
Delta R.T. 0.12 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

Instrument :
BNA_N
ClientSampled :
DAM47

Tot Ion:178 Resp: 1715095
Ion Ratio Lower Upper
178 100
179 23.0 12.3 18.5#
176 20.7 15.4 23.0

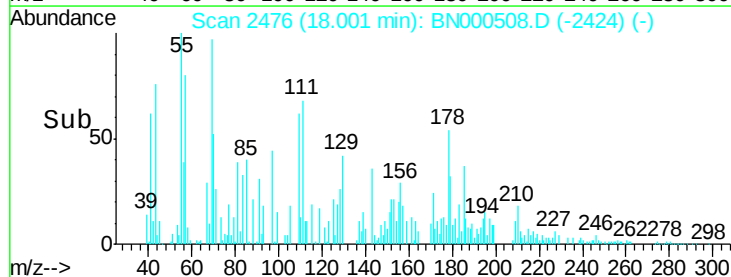
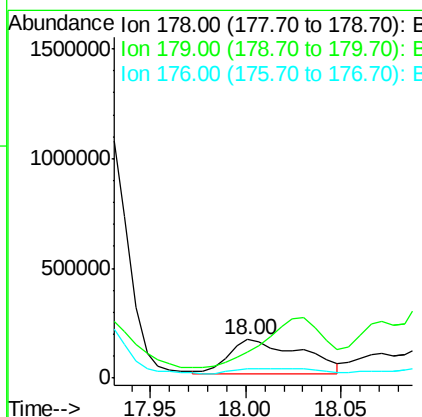
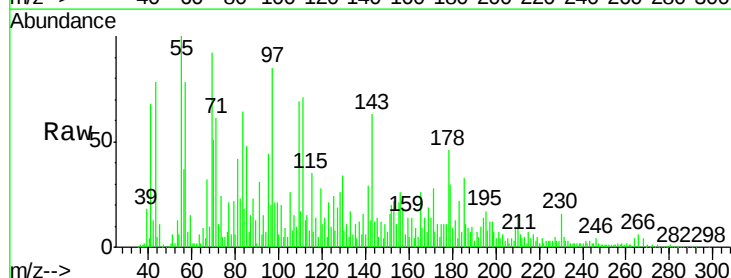
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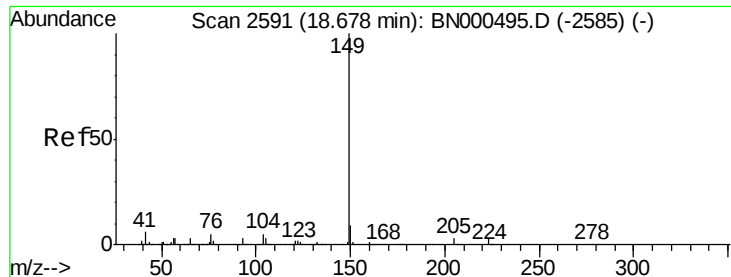
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#71
Anthracene
Concen: 10.02 ng/ul m
RT: 18.00 min Scan# 2476
Delta R.T. 0.11 min
Lab File: BN000508.D
Acq: 21 Mar 2018 00:11

Tgt Ion:178 Resp: 412717
Ion Ratio Lower Upper
178 100
179 66.2 13.4 20.2#
176 25.1 15.4 23.0#





#73

Di-n-butylphthalate

Concen: 4.65 ng/ul m

RT: 18.77 min Scan# 2606

Delta R.T. 0.09 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

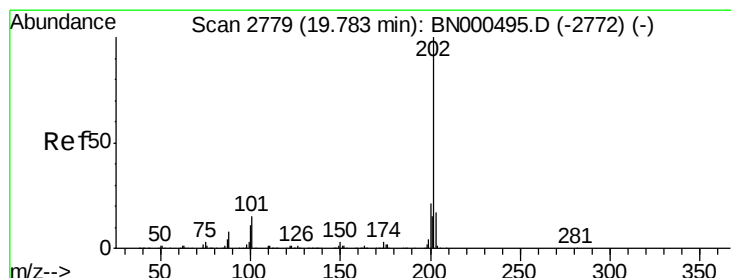
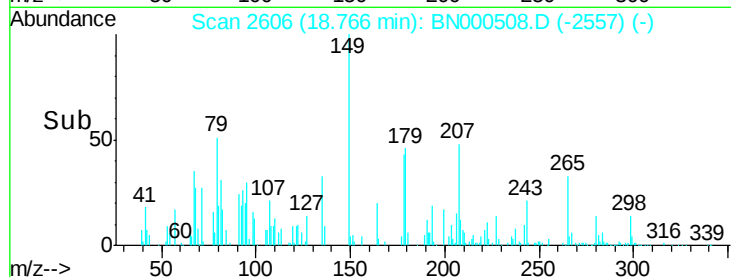
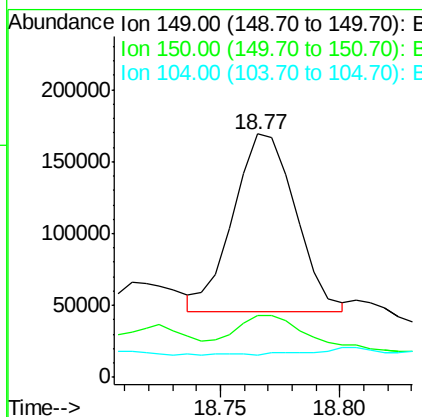
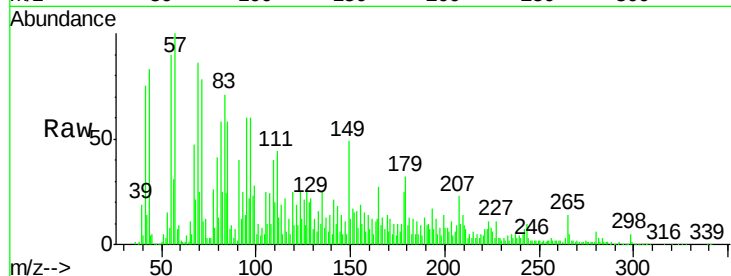
ClientSampled :

DAM47

Tot Ion:	149	Resp:	223519
Ion Ratio	Lower	Upper	
149	100		
150	25.3	7.5	11.3#
104	9.3	4.1	6.1#

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#74

Fluoranthene

Concen: 14.60 ng/ul m

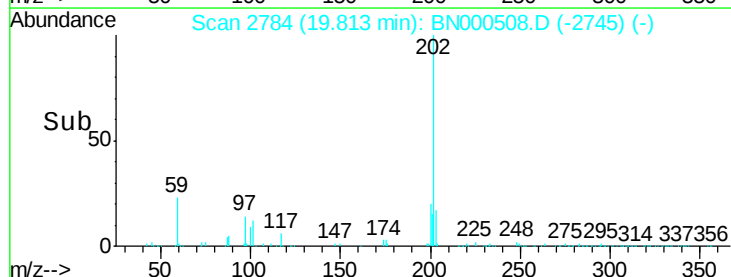
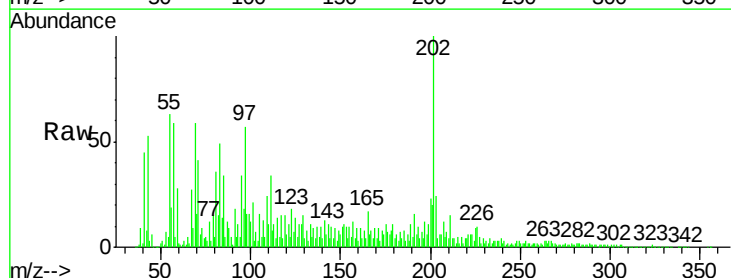
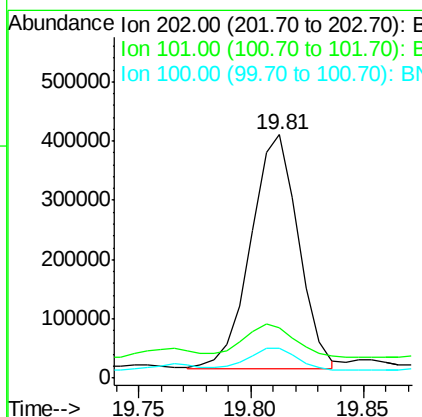
RT: 19.81 min Scan# 2784

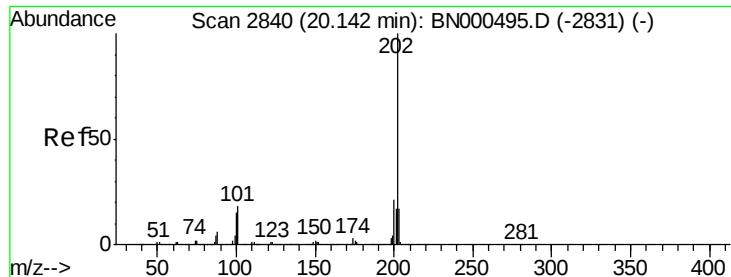
Delta R.T. 0.03 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Tgt Ion:	202	Resp:	582685
Ion Ratio	Lower	Upper	
202	100		
101	20.8	6.1	9.1#
100	12.3	4.6	7.0#





#77

Pvrene

Concen: 9.58 ng/ul m

RT: 20.17 min Scan# 2844

Delta R.T. 0.02 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

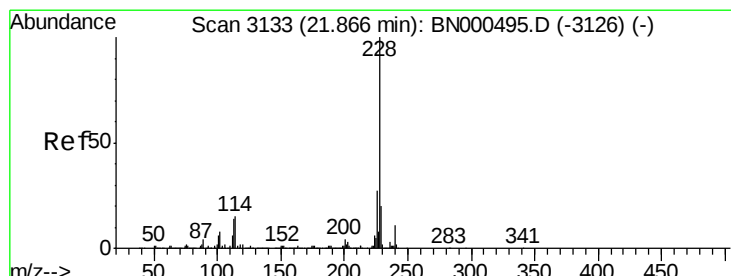
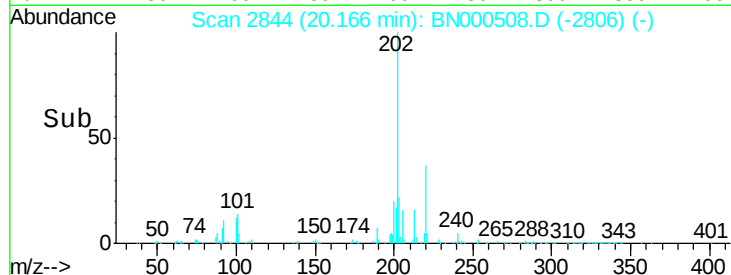
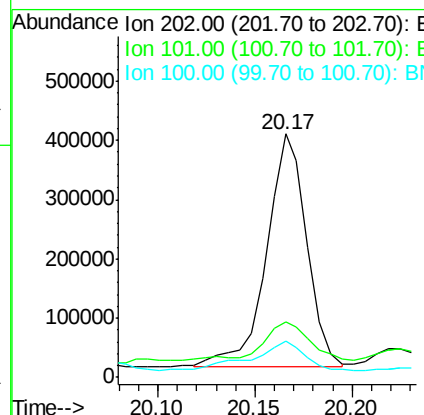
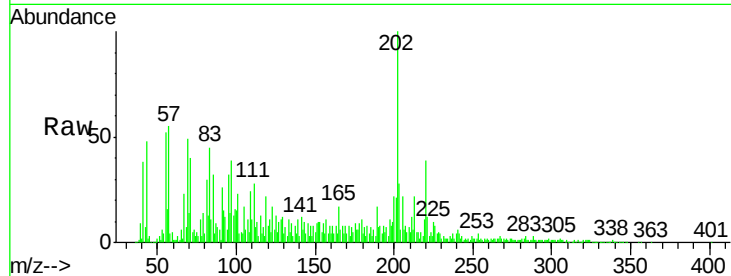
ClientSampled :

DAM47

Tot Ion:	202	Resp:	565482
Ion Ratio	Lower	Upper	
202	100		
101	22.9	6.9	10.3#
100	15.0	5.6	8.4#

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#80

Benzo(a)anthracene

Concen: 2.10 ng/ul m

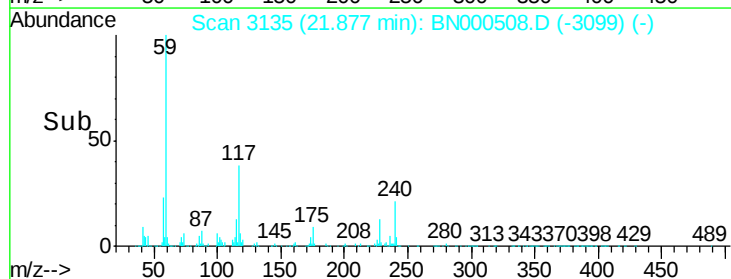
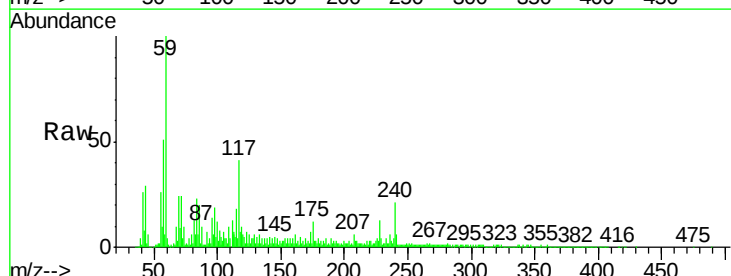
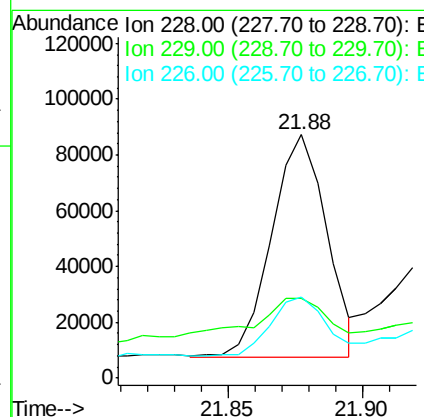
RT: 21.88 min Scan# 3135

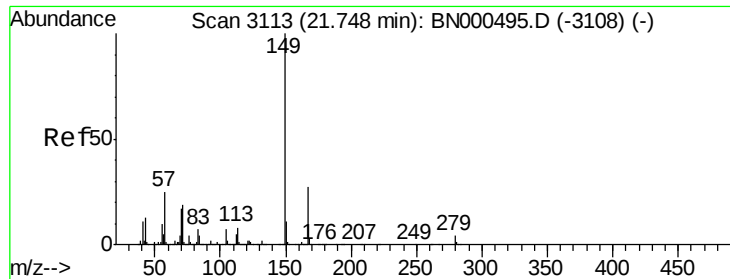
Delta R.T. 0.01 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Tgt Ion:	228	Resp:	113307
Ion Ratio	Lower	Upper	
228	100		
229	32.9	16.0	24.0#
226	33.4	21.8	32.8#





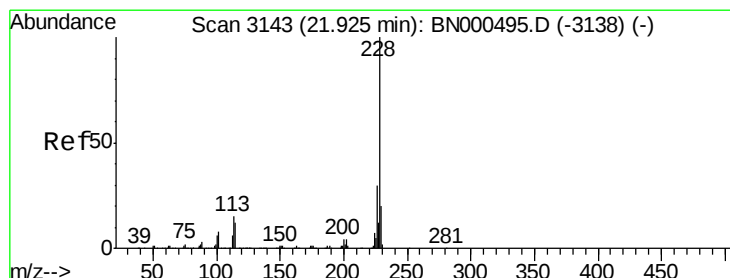
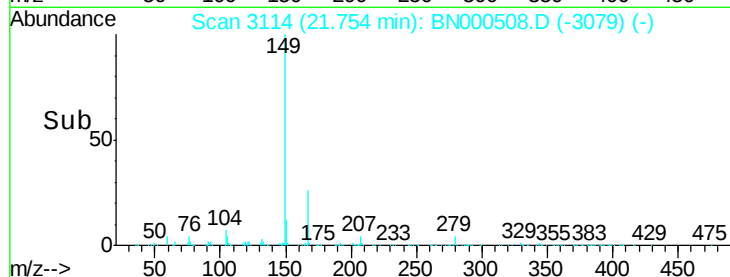
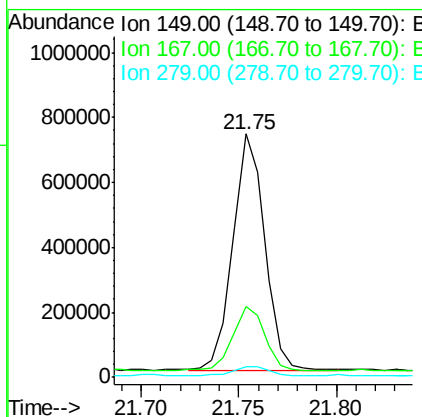
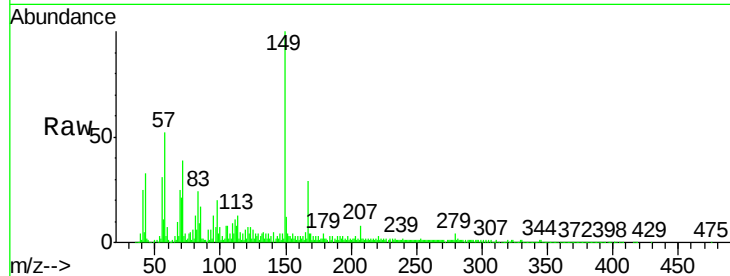
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 19.18 ng/ul
 RT: 21.75 min Scan# 3114
 Delta R.T. 0.01 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

Instrument :
 BNA_N
 ClientSampled :
 DAM47

Tot Ion	Ratio	Lower	Upper
149	100		
167	28.9	23.0	34.6
279	4.4	4.3	6.5

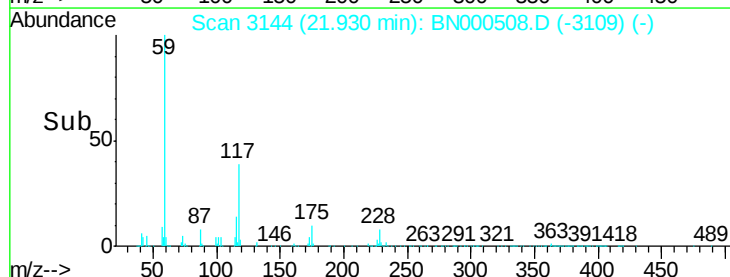
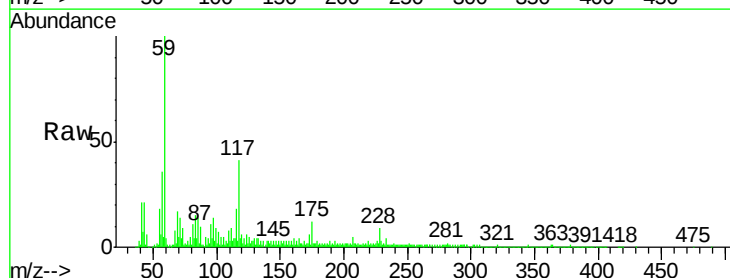
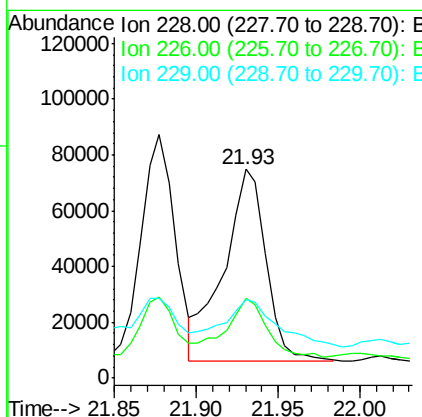
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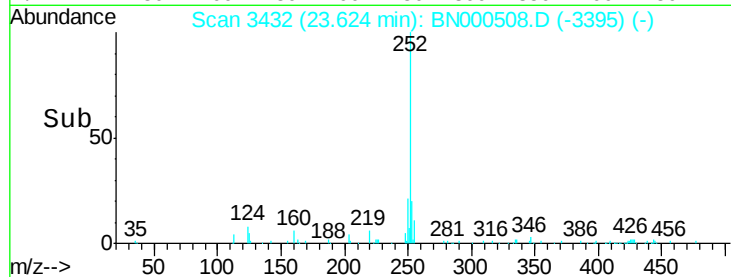
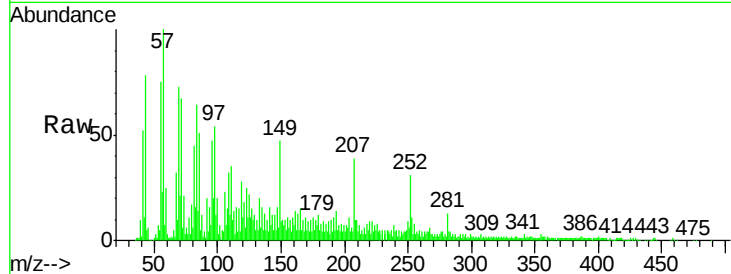
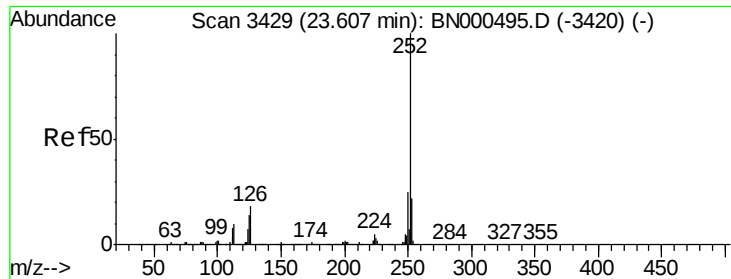
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#82
 Chrysene
 Concen: 2.45 ng/ul m
 RT: 21.93 min Scan# 3144
 Delta R.T. 0.01 min
 Lab File: BN000508.D
 Acq: 21 Mar 2018 00:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	38.4	24.1	36.1#
229	37.5	16.0	24.0#





#85

Benzo(b)fluoranthene

Concen: 1.70 ng/ul m

RT: 23.62 min Scan# 3432

Delta R.T. 0.02 min

Lab File: BN000508.D

Acq: 21 Mar 2018 00:11

Instrument :

BNA_N

ClientSampleId :

DAM47

Tot Ion	Ratio	Lower	Upper
252	100		
253	35.9	17.4	26.0#
125	71.6	4.9	7.3#

Manual Integrations
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