

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000524.D
 Acq On : 21 Mar 2018 17:35
 Operator : JU/SJ
 Sample : J1905-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM43

Manual Integrations
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 3/22/2018 6:49:28 PM

Quant Time: Mar 23 11:57:42 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	134471	20.00	ng/ul	0.02
18) Naphthalene-d8	11.28	136	403855	20.00	ng/ul	0.03
35) Acenaphthene-d10	15.06	164	232967	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.87	188	405251m	20.00	ng/ul	0.11
75) Chrysene-d12	21.90	240	380208m	20.00	ng/ul	0.01
83) Perylene-d12	24.39	264	414205	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	20727	5.51	ng/uL	0.00
5) Phenol-d5	7.60	99	19559m	1.56	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	7.74	67	224571	31.03	ng/ul	0.02
9) 2-Chlorophenol-d4	8.00	132	246994	26.04	ng/ul	0.06
13) 4-Methylphenol-d8	9.22	113	215501m	22.05	ng/ul	0.09
19) Nitrobenzene-d5	9.63	128	162485	49.54	ng/ul	0.04
22) 2-Nitrophenol-d4	10.35	143	149469	43.99	ng/ul	0.03
26) 2,4-Dichlorophenol-d3	10.95	165	266420	43.74	ng/ul	0.09
29) 4-Chloroaniline-d4	11.49	131	18281m	2.92	ng/ul	0.11
43) Dimethylphthalate-d6	14.45	166	649914	35.31	ng/ul	0.03
46) Acenaphthylene-d8	14.76	160	826616	34.04	ng/ul	0.03
51) 4-Nitrophenol-d4	15.25	143	53222	15.57	ng/ul	0.04
57) Fluorene-d10	16.05	176	525664	33.52	ng/ul	0.04
62) 4,6-Dinitro-2-methylphenol	16.20	200	172999m	74.54	ng/ul	0.07
70) Anthracene-d10	17.95	188	657642m	33.76	ng/ul	0.09
76) Pyrene-d10	20.14	212	644277m	30.70	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.22	264	434513	22.23	ng/ul	0.02
Target Compounds				Ovalue		
6) Phenol	7.77	94	70984m	5.546	ng/ul	
21) Isophorone	10.21	82	1359459	88.077	ng/ul#	88
28) Naphthalene	11.34	128	961280	45.326	ng/ul	97
34) 2-Methylnaphthalene	12.92	142	1322944	93.433	ng/ul	98
38) 2,4,6-Trichlorophenol	13.55	196	139915m	29.471	ng/ul	
39) 2,4,5-Trichlorophenol	13.63	196	173252m	34.999	ng/ul	
40) 1,1'-Biphenyl	13.90	154	116813	5.890	ng/ul#	70
44) Dimethylphthalate	14.50	163	43321	2.380	ng/ul#	67
49) Acenaphthene	15.12	153	63434	3.911	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.75	232	8928461m	2361.955	ng/ul	
58) Fluorene	16.11	166	91317	5.217	ng/ul#	68
68) Pentachlorophenol	17.51	266	29820267m	12950.635	ng/ul	
69) Phenanthrene	17.90	178	243434m	10.427	ng/ul	
71) Anthracene	17.98	178	31892m	1.332	ng/ul	
74) Fluoranthene	19.81	202	47200m	2.035	ng/ul	
77) Pyrene	20.17	202	64477m	2.322	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.75	149	232278	11.599	ng/ul	97
84) Di-n-octyl phthalate	22.71	149	157198	4.509	ng/ul	100

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

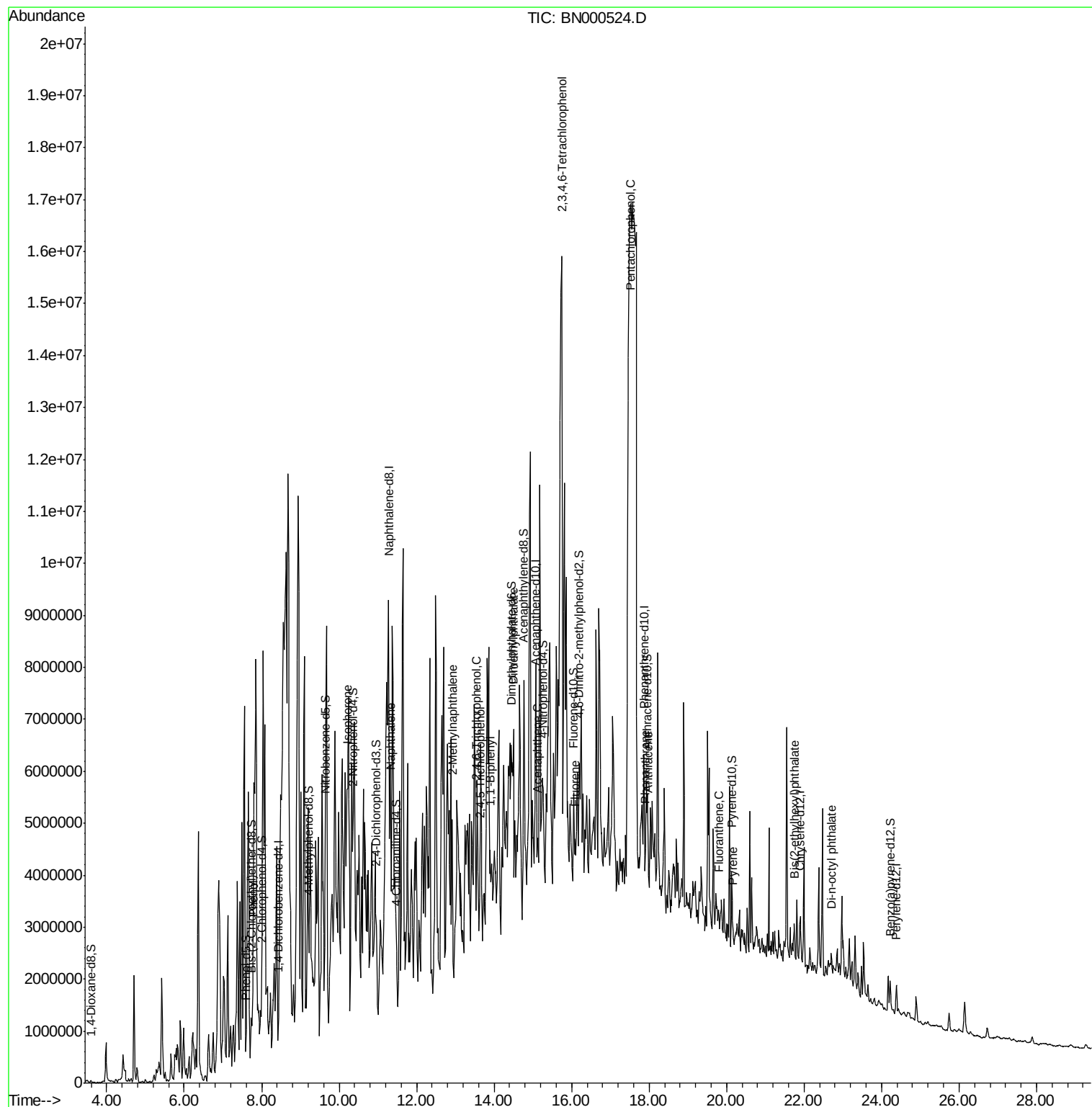
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
Data File : BN000524.D
Acq On : 21 Mar 2018 17:35
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ALS Vial : 13 Sample Multiplier: 1

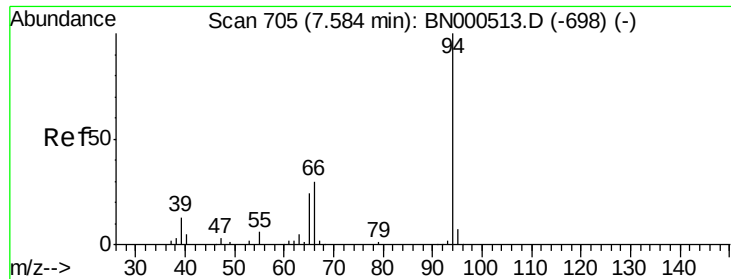
Instrument :
BNA_N
ClientSampled :
DAM43

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Quant Time: Mar 23 11:57:42 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





#6

Phenol

Concen: 5.546 ng/ul m

RT: 7.77 min Scan# 737

Delta R.T. 0.19 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

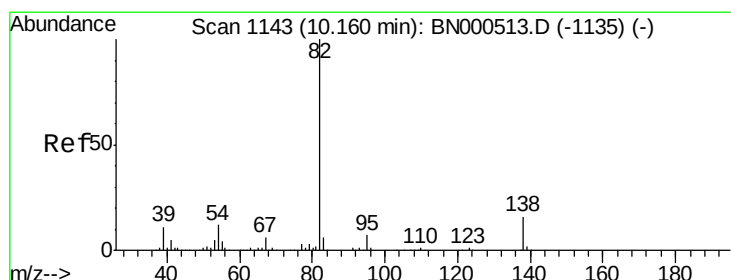
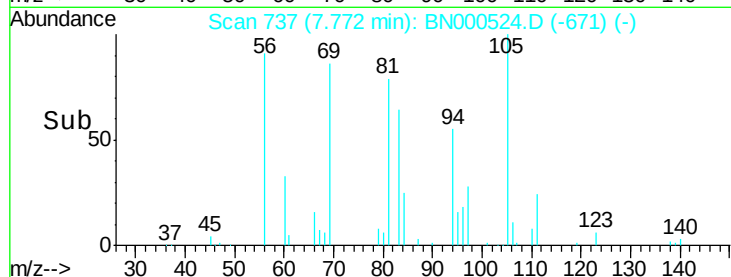
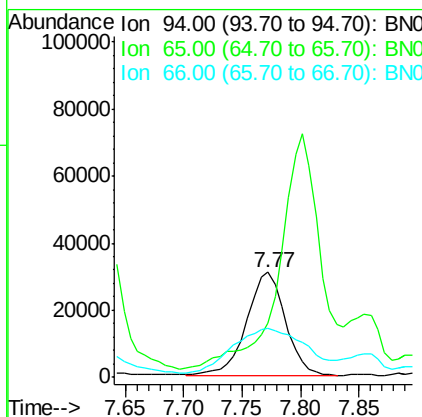
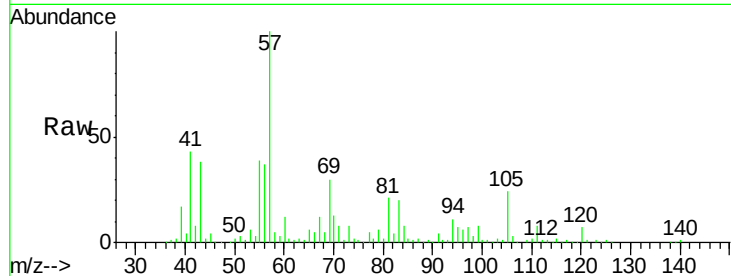
ClientSampleID :

DAM43

Tot Ion:	94	Resp:	70984
Ion Ratio	Lower	Upper	
94	100		
65	52.0	23.0	34.6#
66	46.6	30.4	45.6#

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#21

Isophorone

Concen: 88.077 ng/ul

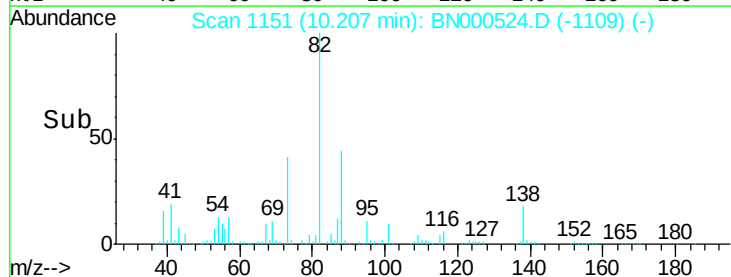
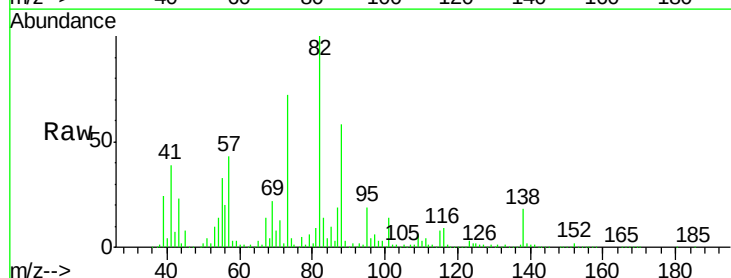
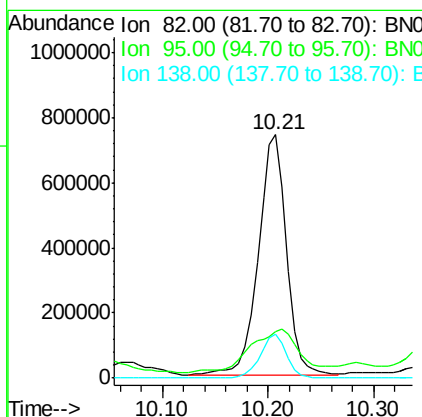
RT: 10.21 min Scan# 1151

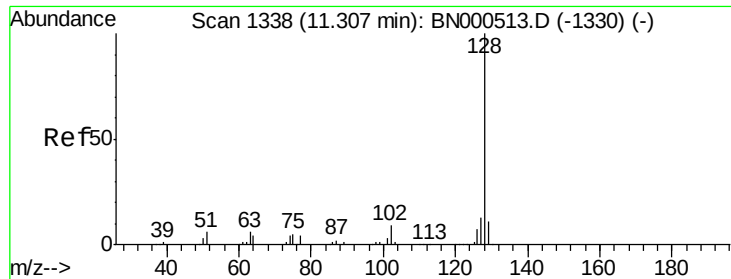
Delta R.T. 0.05 min

Lab File: BN000524.D

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Tgt Ion:	82	Resp:	1359459
Ion Ratio	Lower	Upper	
82	100		
95	19.2	6.1	9.1#
138	18.0	13.5	20.3





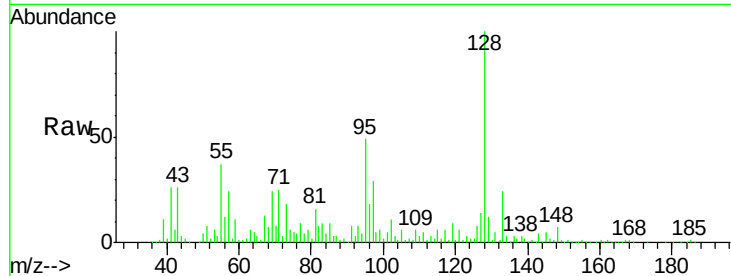
#28
Naphthalene
Concen: 45.326 ng/ul
RT: 11.34 min Scan# 1343
Delta R.T. 0.03 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

Instrument :
BNA_N
ClientSampled :
DAM43

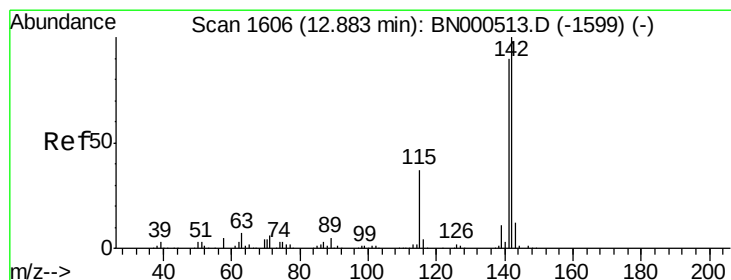
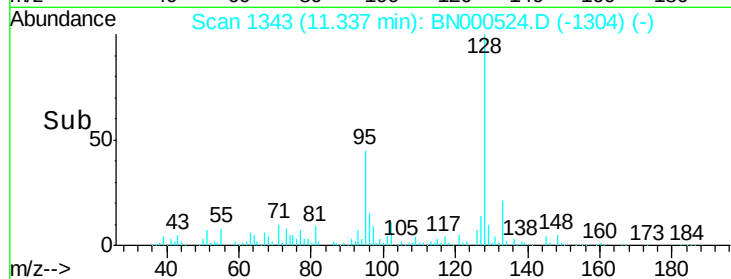
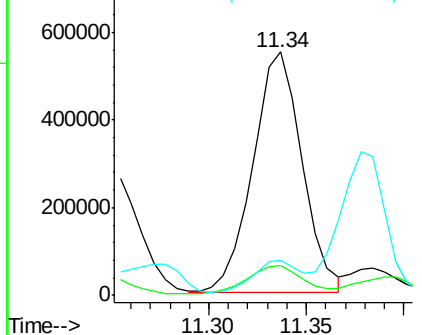
Tot Ion	Ratio	Lower	Upper
128	100		
129	12.0	8.3	12.5
127	14.4	10.8	16.2

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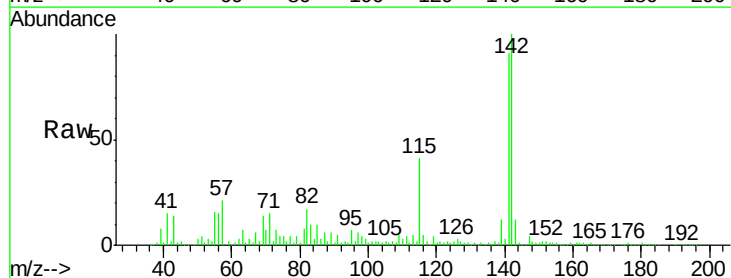


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

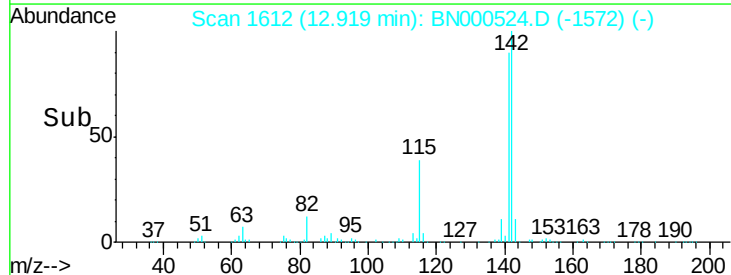
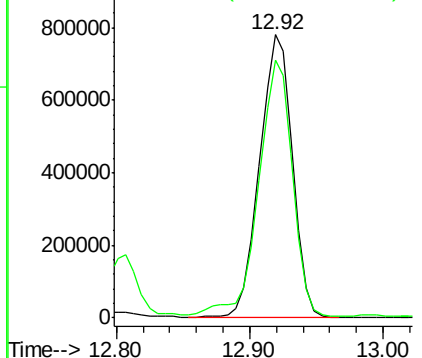


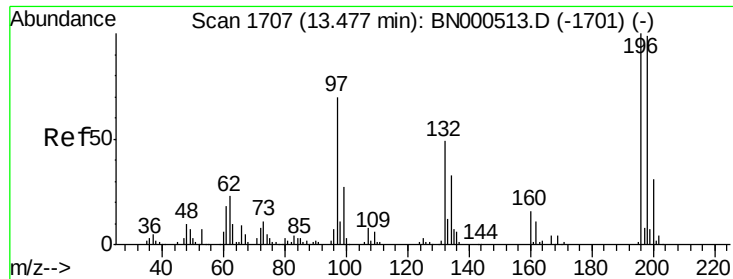
#34
2-Methylnaphthalene
Concen: 93.433 ng/ul
RT: 12.92 min Scan# 1612
Delta R.T. 0.04 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.2



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





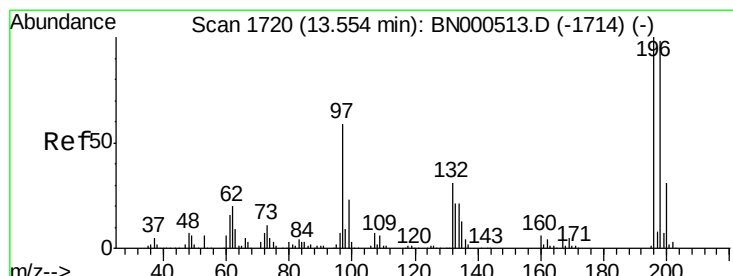
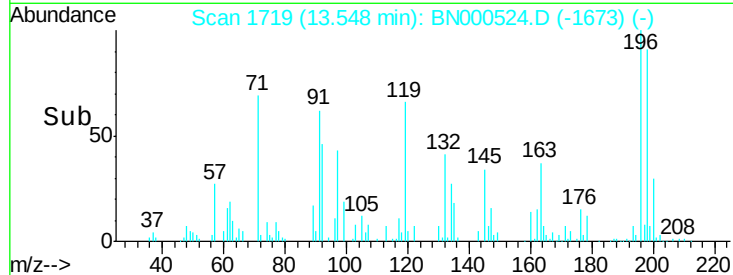
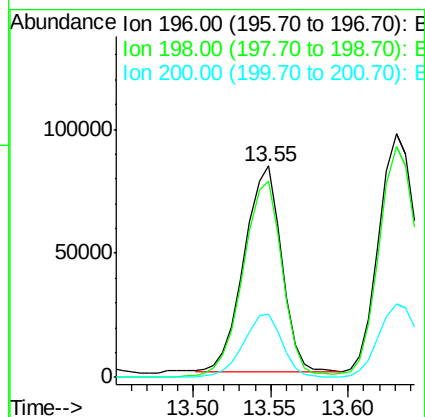
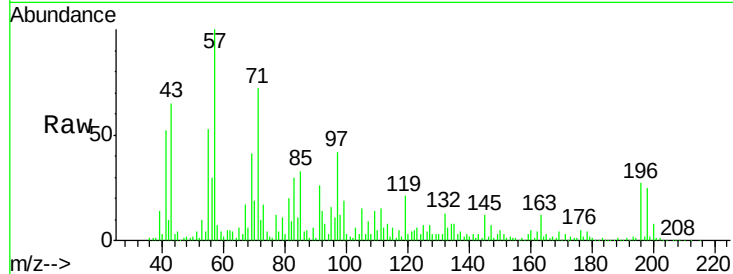
#38
 2,4,6-Trichlorophenol
 Concen: 29.471 ng/ul m
 RT: 13.55 min Scan# 1719
 Delta R.T. 0.07 min
 Lab File: BN000524.D
 Acq: 21 Mar 2018 17:35

Instrument :
 BNA_N
 ClientSampled :
 DAM43

Tot Ion	Ratio	Resp Lower	Upper
196	100		
198	92.8	75.9	113.9
200	30.2	25.8	38.6

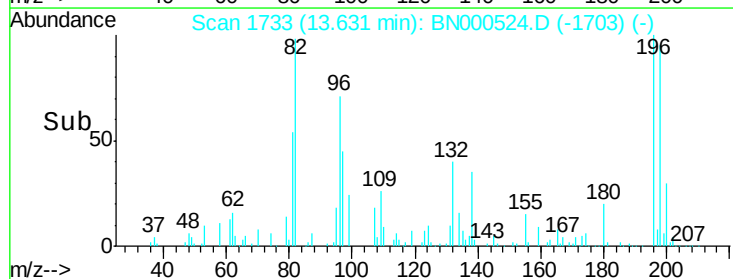
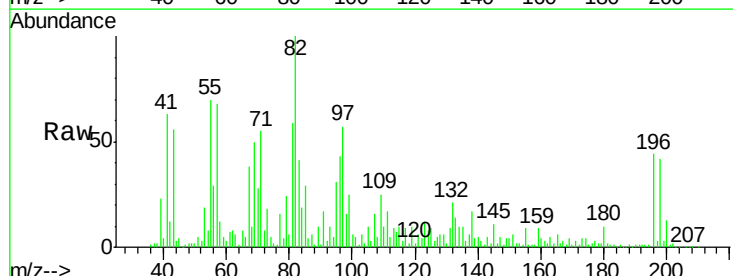
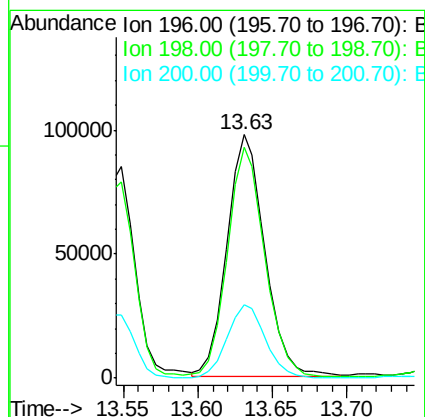
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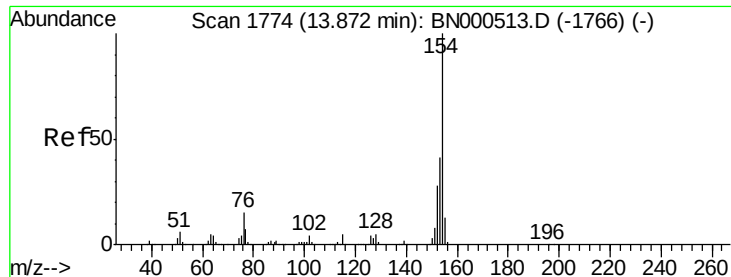
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#39
 2,4,5-Trichlorophenol
 Concen: 34.999 ng/ul m
 RT: 13.63 min Scan# 1733
 Delta R.T. 0.08 min
 Lab File: BN000524.D
 Acq: 21 Mar 2018 17:35

Tgt Ion	Ratio	Resp Lower	Upper
196	100		
198	94.5	74.7	112.1
200	30.2	25.4	38.0





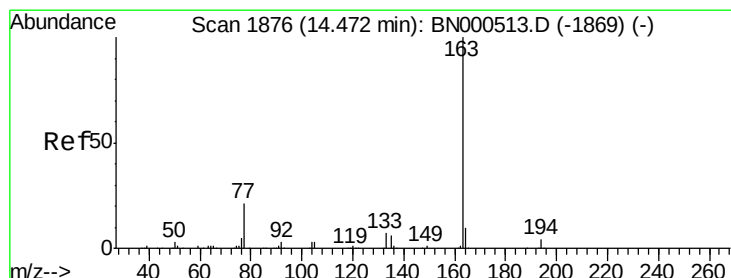
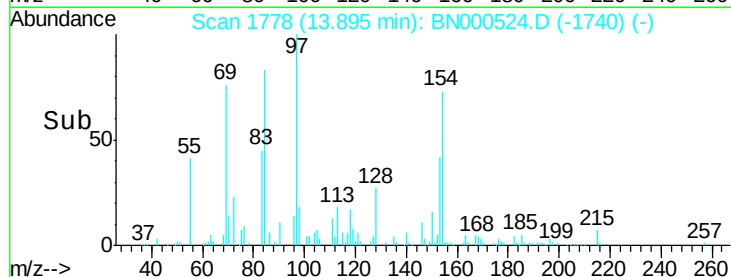
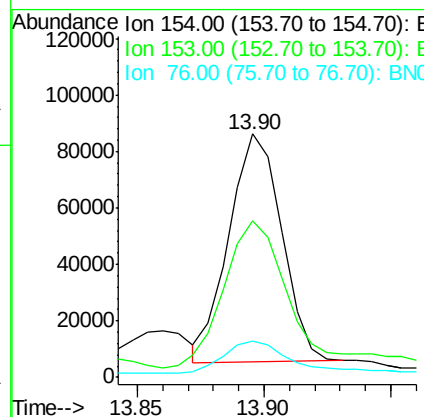
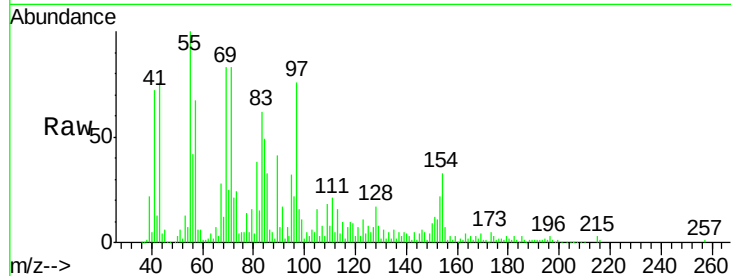
#40
1,1'-Biphenyl
Concen: 5.890 ng/ul
RT: 13.90 min Scan# 1778
Delta R.T. 0.02 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

Instrument :
BNA_N
ClientSampled :
DAM43

Tot Ion	Ratio	Lower	Upper
154	100		
153	64.5	34.0	51.0#
76	14.9	8.4	12.6#

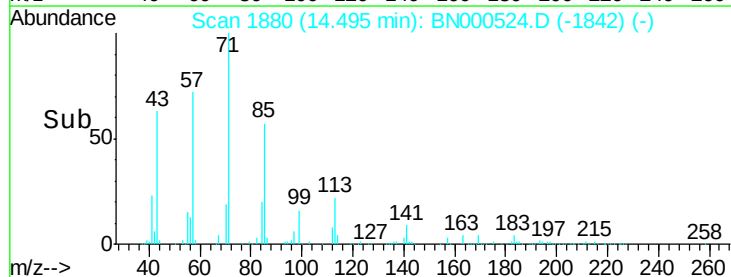
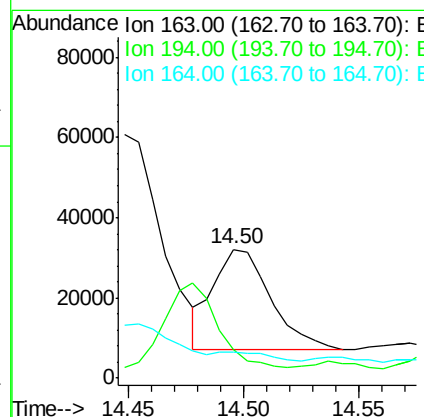
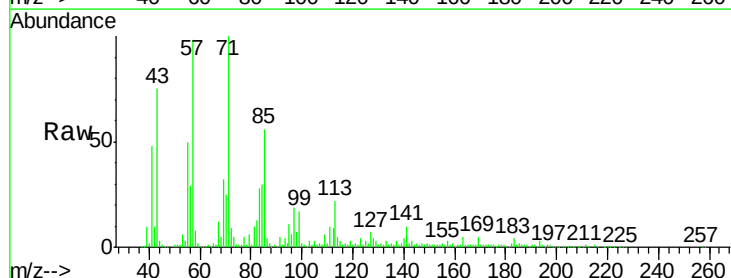
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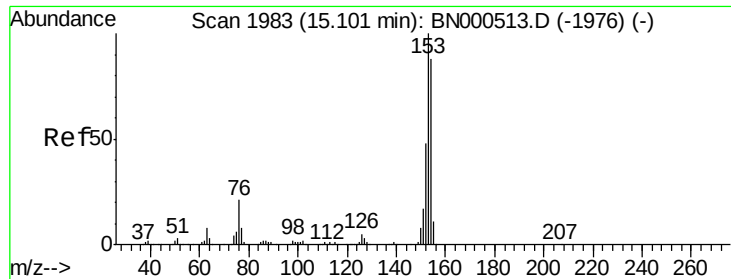
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#44
Dimethylphthalate
Concen: 2.380 ng/ul
RT: 14.50 min Scan# 1880
Delta R.T. 0.02 min
Lab File: BN000524.D
Acq: 21 Mar 2018 17:35

Tgt Ion	Ratio	Lower	Upper
163	100		
194	22.1	4.0	6.0#
164	19.8	8.4	12.6#





#49

Acenaphthene

Concen: 3.911 ng/ul

RT: 15.12 min Scan# 1987

Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

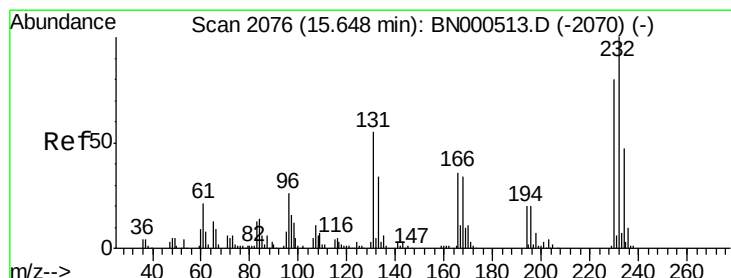
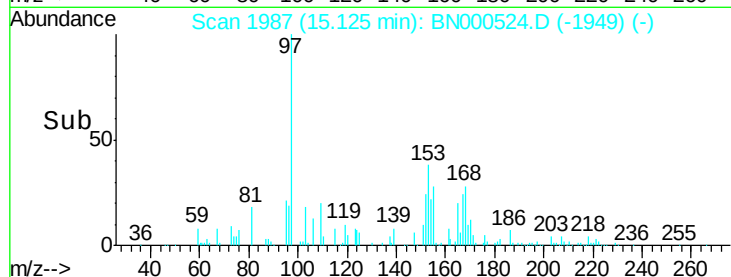
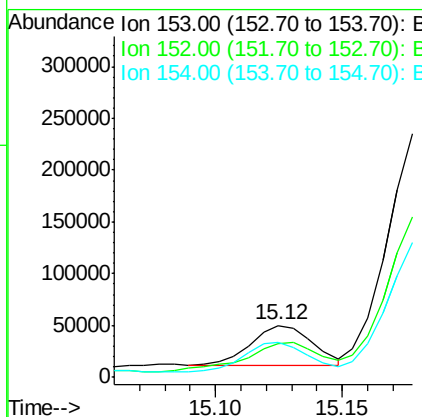
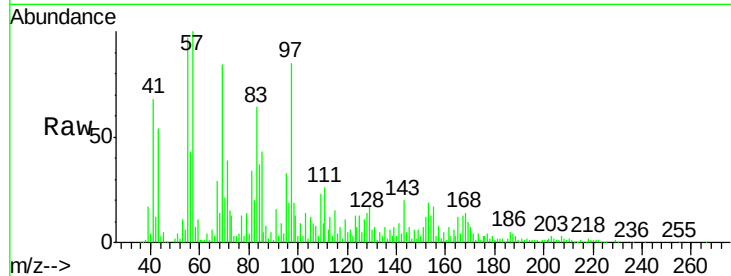
ClientSampleId :

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Tot Ion:	153	Resp:	63434
Ion Ratio	Lower	Upper	
153	100		
152	65.3	37.9	56.9#
154	66.0	69.8	104.6#

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2361.955 ng/ul m

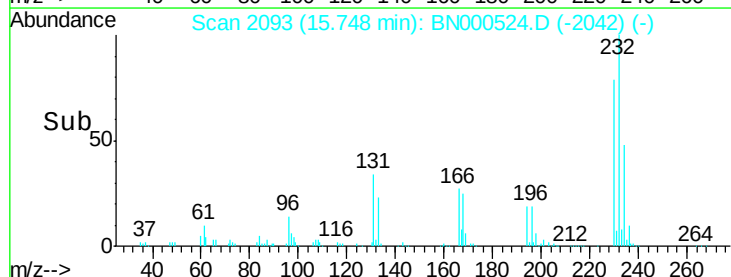
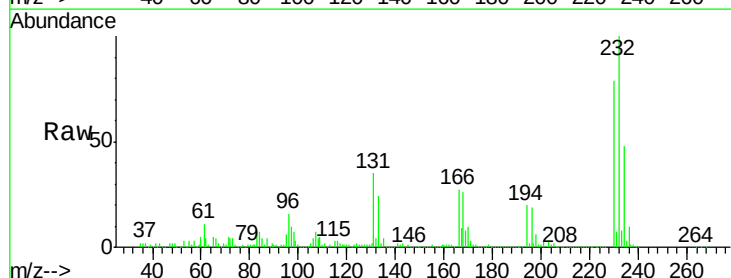
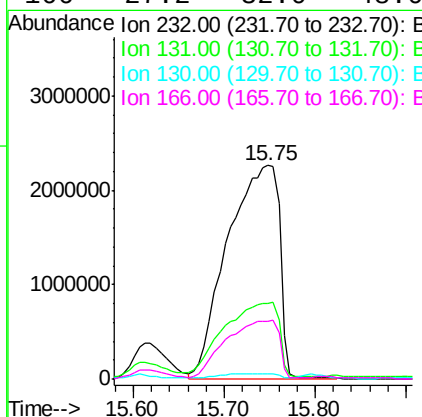
RT: 15.75 min Scan# 2093

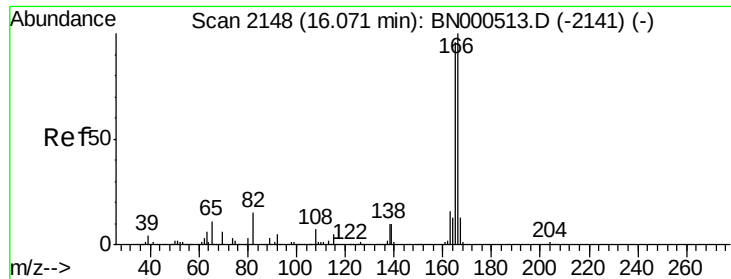
Delta R.T. 0.10 min

Lab File: BN000524.D

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Tgt Ion:	232	Resp:	8928461
Ion Ratio	Lower	Upper	
232	100		
131	35.4	48.0	72.0#
130	2.5	4.0	6.0#
166	27.2	32.0	48.0#





#58

Fluorene

Concen: 5.217 ng/ul

RT: 16.11 min Scan# 2154

Delta R.T. 0.04 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

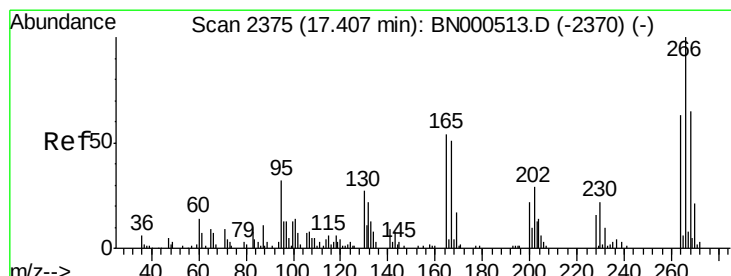
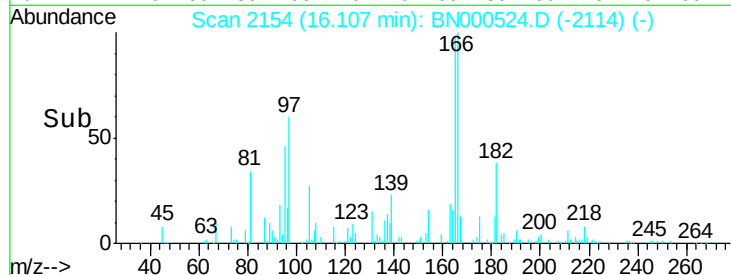
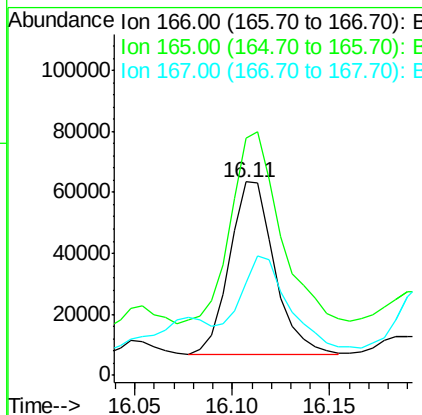
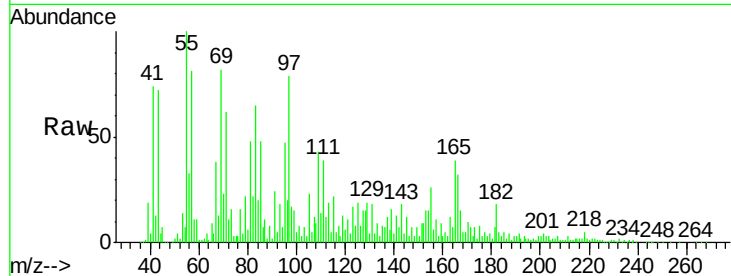
ClientSampled :

DAM43

Tot Ion	Ratio	Lower	Upper
166	100		
165	122.4	78.4	117.6#
167	47.9	11.1	16.7#

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#68

Pentachlorophenol

Concen: 12950.635 ng/ul m

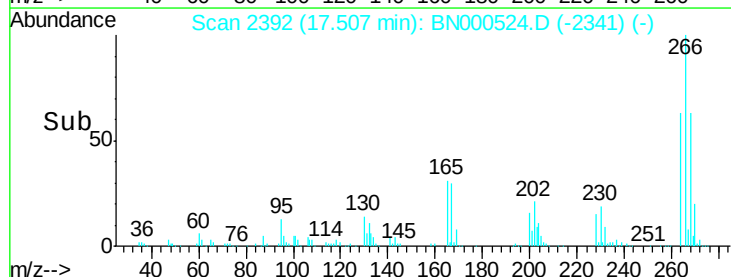
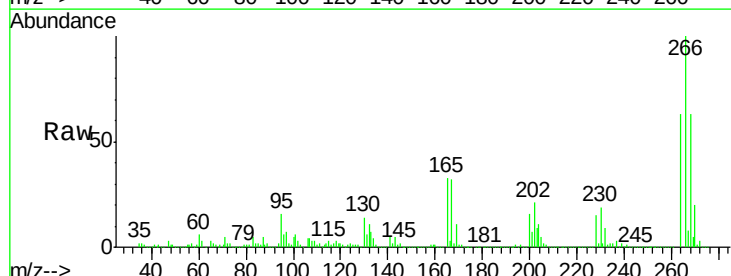
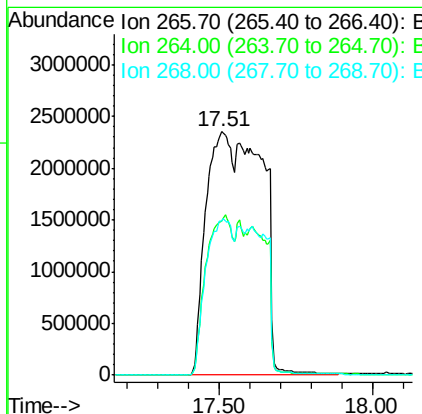
RT: 17.51 min Scan# 2392

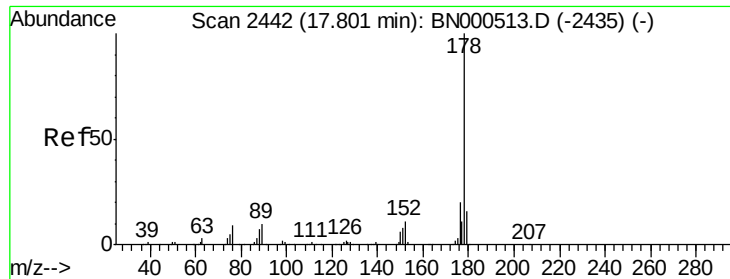
Delta R.T. 0.10 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

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





#69

Phenanthrene

Concen: 10.427 ng/ul m

RT: 17.90 min Scan# 2459

Delta R.T. 0.10 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

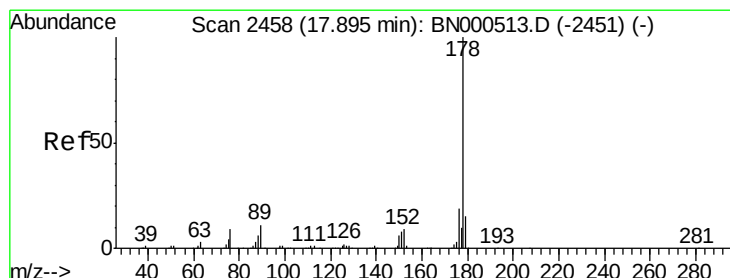
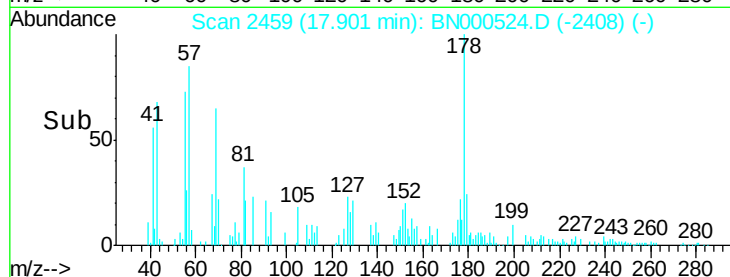
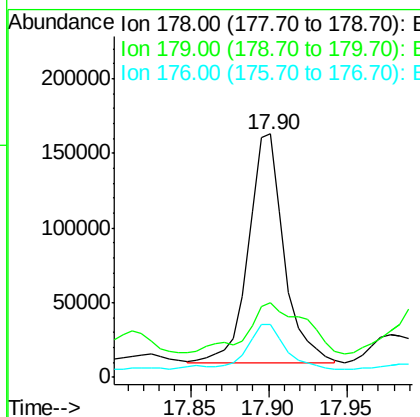
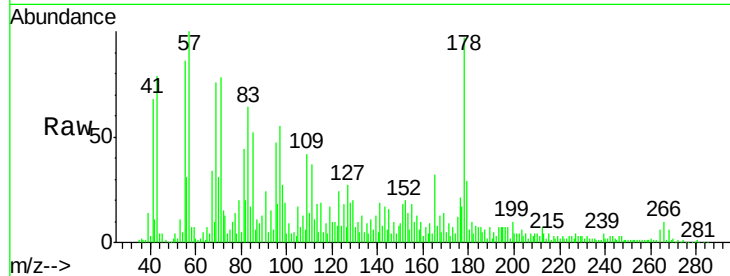
ClientSampled :

DAM43

Tot Ion	Ratio	Lower	Upper
178	100		
179	30.4	12.3	18.5#
176	21.6	15.4	23.0

Manual Integrations
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#71

Anthracene

Concen: 1.332 ng/ul m

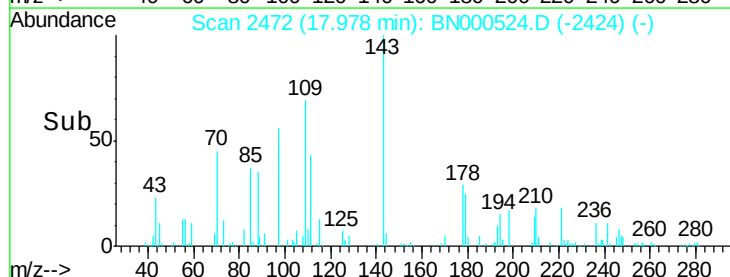
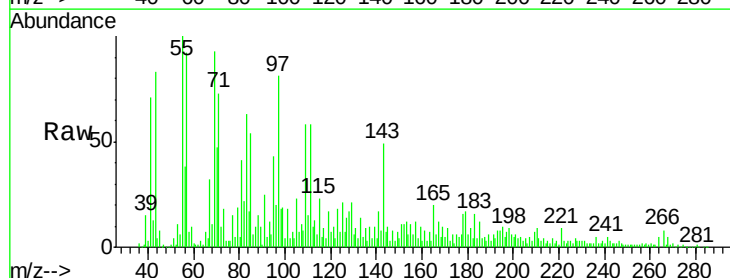
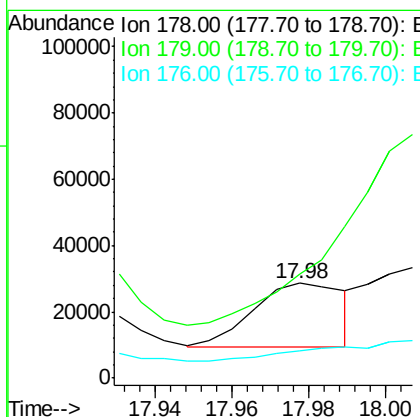
RT: 17.98 min Scan# 2472

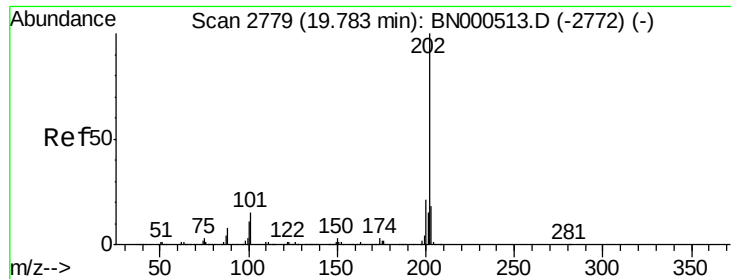
Delta R.T. 0.08 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	109.4	13.4	20.2#
176	28.6	15.4	23.0#





#74

Fluoranthene

Concen: 2.035 ng/ul m

RT: 19.81 min Scan# 2783

Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

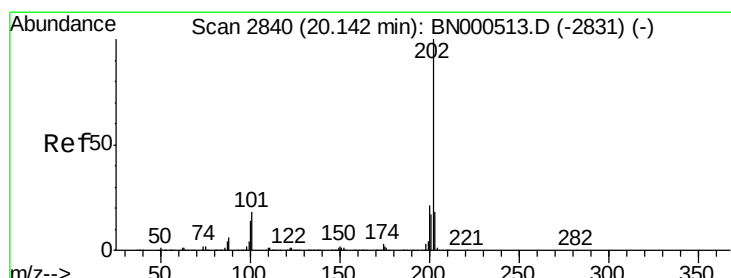
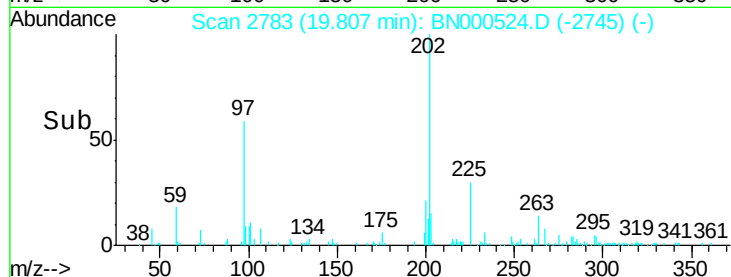
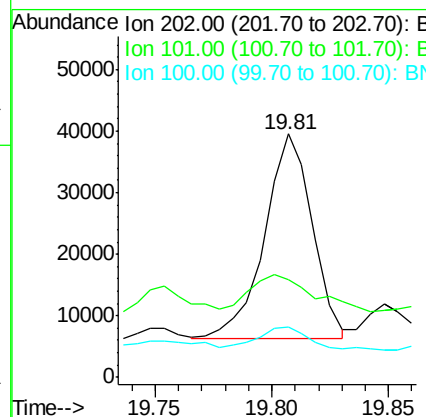
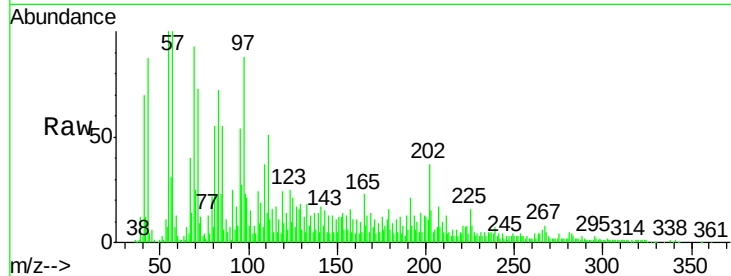
ClientSampled :

DAM43

Tot Ion:	202	Resp:	47200
Ion Ratio	Lower	Upper	
202	100		
101	39.9	6.1	9.1#
100	20.6	4.6	7.0#

Manual Integrations
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#77

Pyrene

Concen: 2.322 ng/ul m

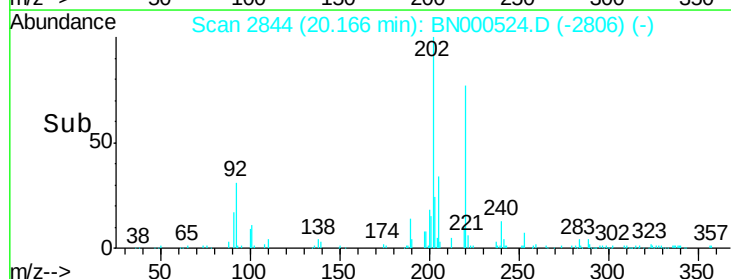
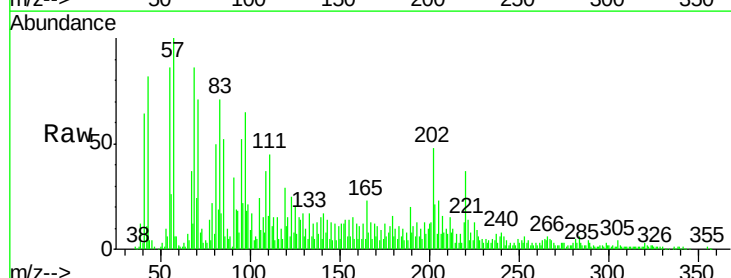
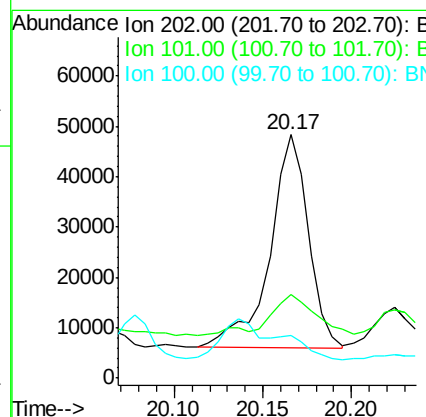
RT: 20.17 min Scan# 2844

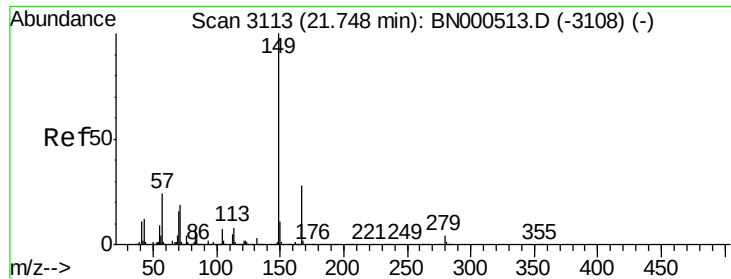
Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Tgt Ion:	202	Resp:	64477
Ion Ratio	Lower	Upper	
202	100		
101	34.3	6.9	10.3#
100	17.7	5.6	8.4#





#81

Bis(2-ethylhexyl)phthalate

Concen: 11.599 ng/ul

RT: 21.75 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Instrument :

BNA_N

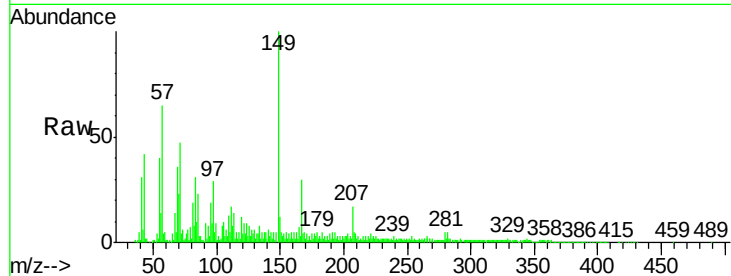
ClientSampleId :

DAM43

Tot Ion:	149	Resp:	232278
Ion Ratio	Lower	Upper	
149	100		
167	30.4	23.0	34.6
279	5.2	4.3	6.5

Manual Integrations
APPROVED

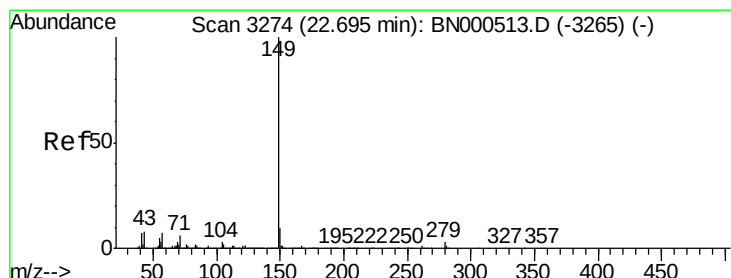
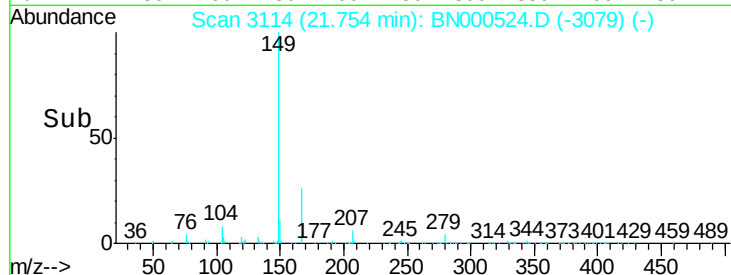
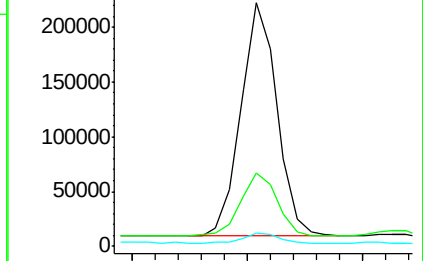
Sohil
3/22/2018 6:49:28 PM



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



#84

Di-n-octyl phthalate

Concen: 4.509 ng/ul

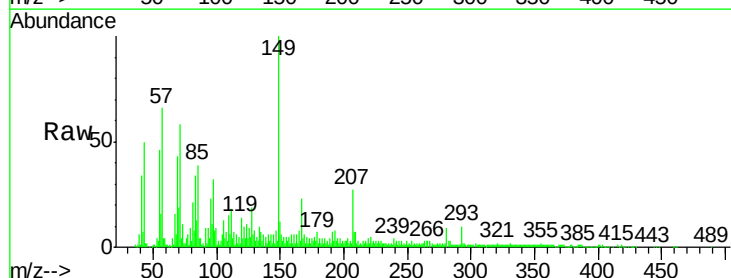
RT: 22.71 min Scan# 3277

Delta R.T. 0.02 min

Lab File: BN000524.D

Acq: 21 Mar 2018 17:35

Tgt Ion:149 Resp: 157198



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

