

Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
 Data File : BN000517.D
 Acq On : 21 Mar 2018 13:35
 Operator : JU/SJ
 Sample : J1905-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM51

Manual Integrations
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Sohil
 3/22/2018 6:49:03 PM

Quant Time: Mar 26 07:57:24 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	8.45	152	141938	20.00	ng/ul	0.04
18) Naphthalene-d8	11.30	136	276439	20.00	ng/ul	0.04
35) Acenaphthene-d10	15.07	164	250792	20.00	ng/ul	0.04
61) Phenanthrene-d10	17.91	188	417822m	20.00	ng/ul	0.15
75) Chrysene-d12	21.91	240	493754m	20.00	ng/ul	0.02
83) Perylene-d12	24.40	264	546402	20.00	ng/ul	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	33770	8.50	ng/uL	0.00
5) Phenol-d5	7.62	99	122466	9.25	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	7.75	67	770689	100.90	ng/ul	0.03
9) 2-Chlorophenol-d4	8.01	132	230592	23.03	ng/ul	0.07
13) 4-Methylphenol-d8	9.25	113	217093m	21.05	ng/ul	0.12
19) Nitrobenzene-d5	9.64	128	194288	86.54	ng/ul	0.05
22) 2-Nitrophenol-d4	10.37	143	96674	41.57	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.98	165	254292	60.99	ng/ul	0.12
29) 4-Chloroaniline-d4	11.40	131	574003	134.13	ng/ul	0.01
43) Dimethylphthalate-d6	14.46	166	484737	24.46	ng/ul	0.04
46) Acenaphthylene-d8	14.77	160	679132	25.98	ng/ul	0.04
51) 4-Nitrophenol-d4	15.28	143	194627	52.90	ng/ul	0.06
57) Fluorene-d10	16.08	176	483369	28.63	ng/ul	0.06
62) 4,6-Dinitro-2-methylphenol	16.22	200	210808m	88.10	ng/ul	0.09
70) Anthracene-d10	17.98	188	577942m	28.78	ng/ul	0.12
76) Pyrene-d10	20.15	212	712444m	26.14	ng/ul	0.04
87) Benzo(a)pyrene-d12	24.24	264	722519	28.02	ng/ul	0.03
Target Compounds						
21) Isophorone	10.23	82	4071037	385.327	ng/ul#	81
28) Naphthalene	11.35	128	2281054	157.130	ng/ul#	94
34) 2-Methylnaphthalene	12.95	142	5003703	516.268	ng/ul	99
38) 2,4,6-Trichlorophenol	13.55	196	145099m	28.391	ng/ul	
39) 2,4,5-Trichlorophenol	13.63	196	125876m	23.621	ng/ul	
40) 1,1'-Biphenyl	13.91	154	559655	26.214	ng/ul	95
49) Acenaphthene	15.14	153	293581	16.815	ng/ul#	80
55) 2,3,4,6-Tetrachlorophenol	15.77	232	11200320m	2752.366	ng/ul	
58) Fluorene	16.13	166	561639	29.805	ng/ul#	73
68) Pentachlorophenol	17.52	266	35141522m	14802.426	ng/ul	
69) Phenanthrene	17.94	178	2621970m	108.928	ng/ul	
71) Anthracene	18.02	178	454030m	18.396	ng/ul	
74) Fluoranthene	19.82	202	1658990m	69.359	ng/ul	
77) Pyrene	20.18	202	1494637m	41.445	ng/ul	
80) Benzo(a)anthracene	21.89	228	206784m	6.286	ng/ul	
81) Bis(2-ethylhexyl)phthalate	21.76	149	474491	18.245	ng/ul	95
82) Chrysene	21.94	228	210411m	6.822	ng/ul	
84) Di-n-octyl phthalate	22.72	149	309203	6.723	ng/ul	100
85) Benzo(b)fluoranthene	23.64	252	115423m	3.343	ng/ul	

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

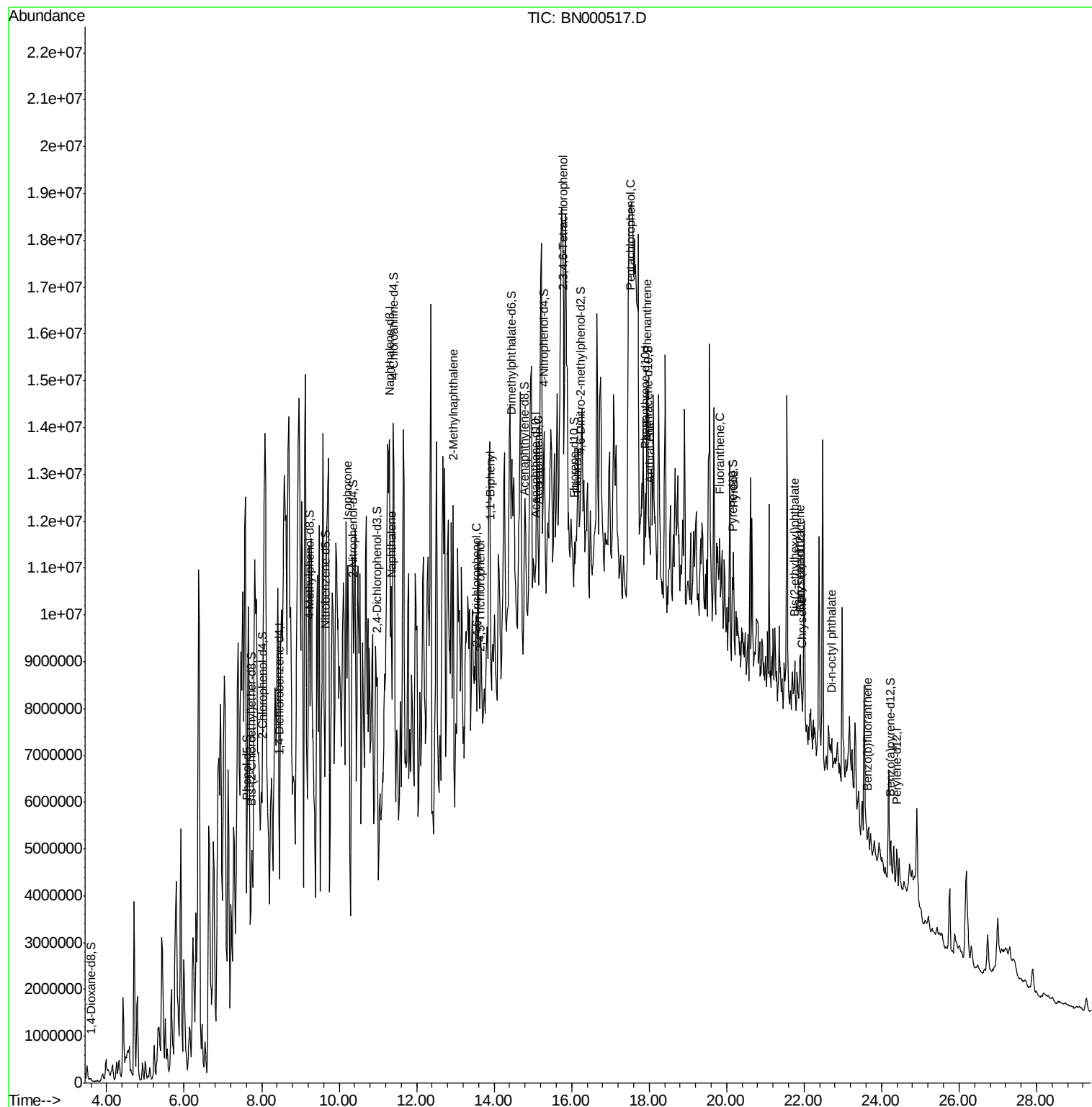
Data Path : Z:\HPCHEM1\BNA N\DATA\BN032118\
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ALS Vial : 6 Sample Multiplier: 1

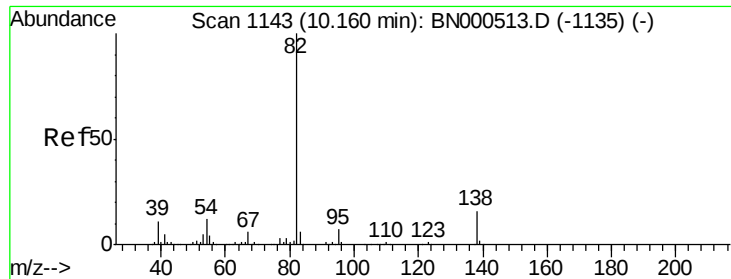
Instrument :
BNA_N
ClientSampled :
DAM51

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Quant Time: Mar 26 07:57:24 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





#21

Isophorone

Concen: 385.327 ng/ul

RT: 10.23 min Scan# 1155

Delta R.T. 0.07 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampled :

DAM51

Tot Ion: 82 Resp: 4071037

Ion Ratio Lower Upper

82 100

95 23.0 6.1 9.1#

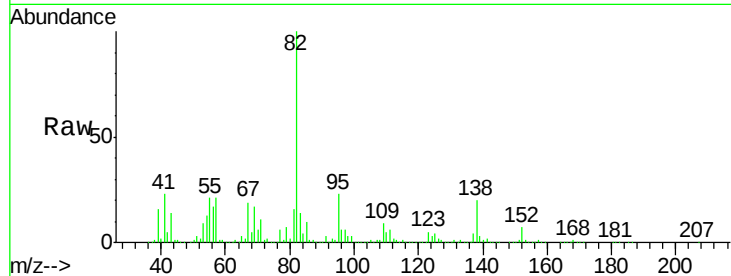
138 20.5 13.5 20.3#

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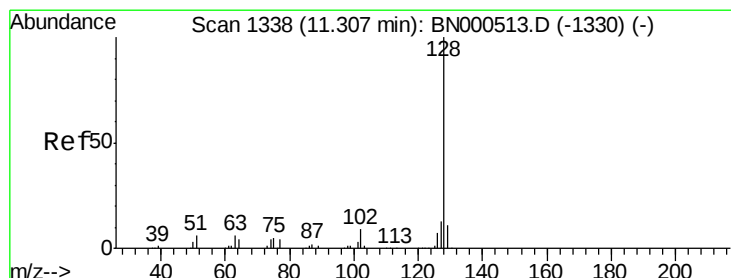
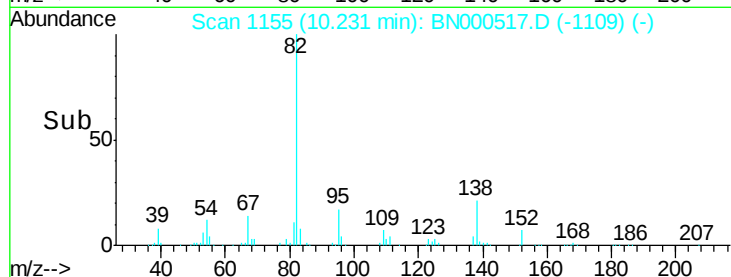
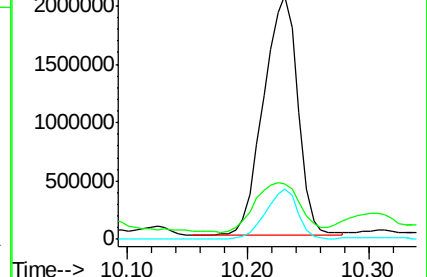
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Abundance Ion 82.00 (81.70 to 82.70): BN000517.D (-1155) (-)

Ion 95.00 (94.70 to 95.70): BN000517.D (-1155) (-)

Ion 138.00 (137.70 to 138.70): BN000517.D (-1155) (-)



#28

Naphthalene

Concen: 157.130 ng/ul

RT: 11.35 min Scan# 1346

Delta R.T. 0.05 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

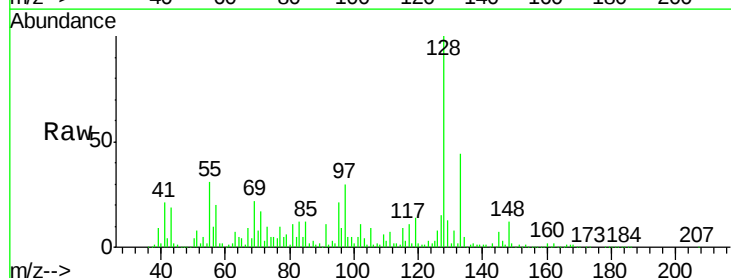
Tgt Ion:128 Resp: 2281054

Ion Ratio Lower Upper

128 100

129 13.4 8.3 12.5#

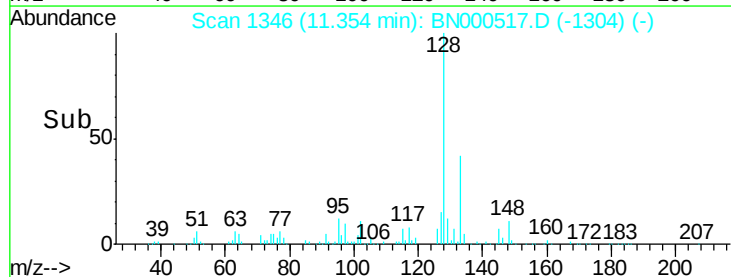
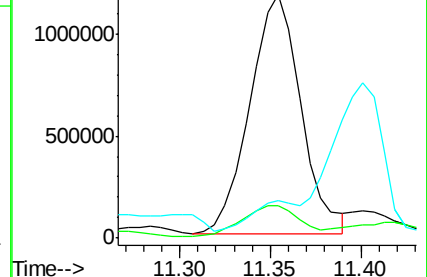
127 15.3 10.8 16.2

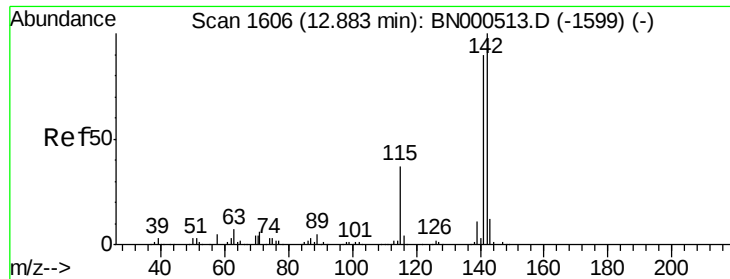


Abundance Ion 128.00 (127.70 to 128.70): BN000517.D (-1338) (-)

Ion 129.00 (128.70 to 129.70): BN000517.D (-1338) (-)

Ion 127.00 (126.70 to 127.70): BN000517.D (-1338) (-)





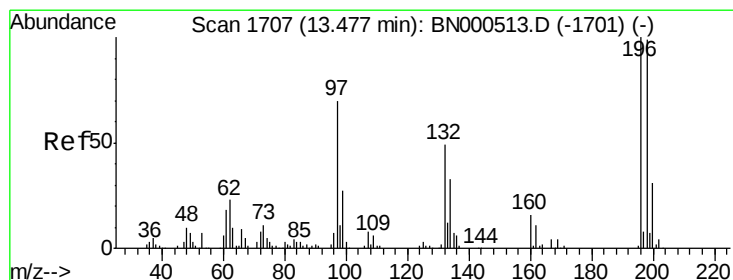
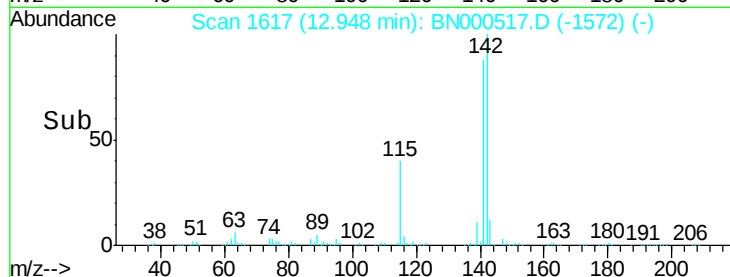
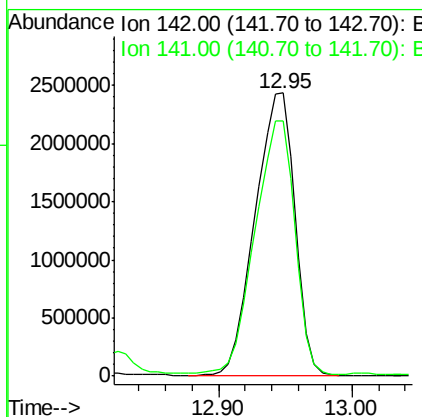
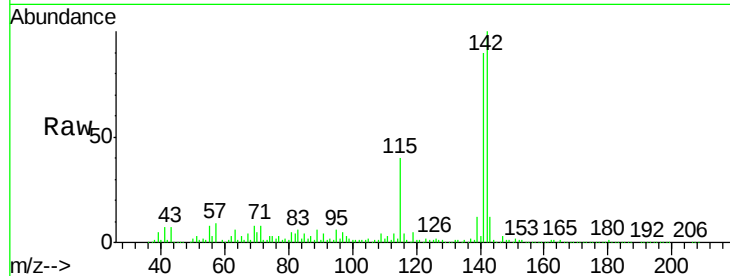
#34
2-Methylnaphthalene
Concen: 516.268 ng/ul
RT: 12.95 min Scan# 1617
Delta R.T. 0.06 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Instrument :
BNA_N
ClientSampled :
DAM51

Tot Ion:142 Resp: 5003703
Ion Ratio Lower Upper
142 100
141 90.2 71.4 107.2

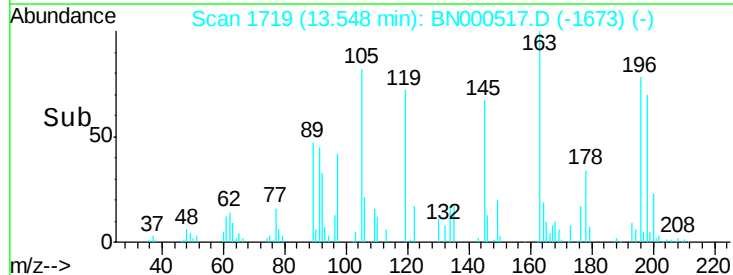
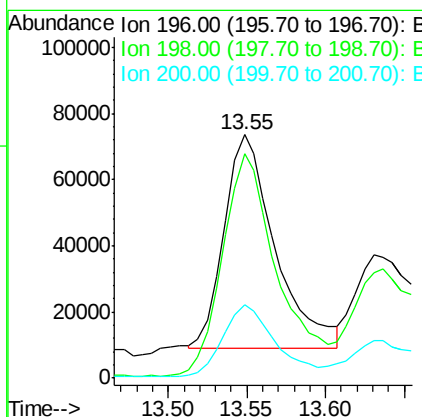
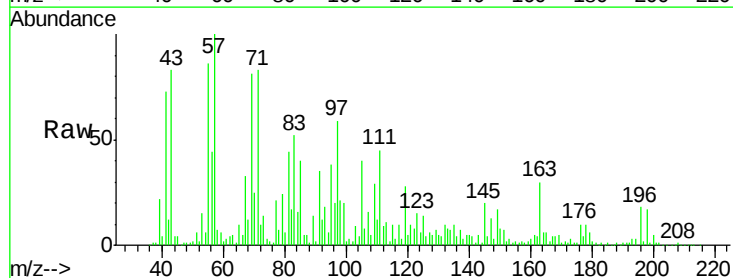
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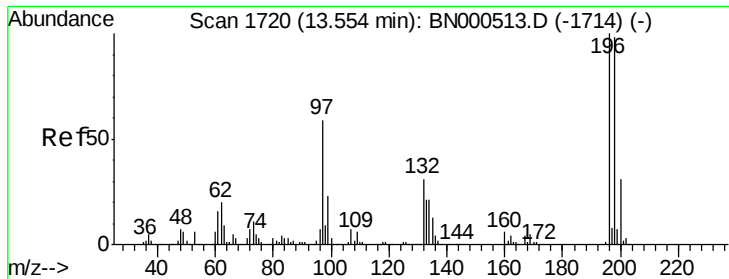
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#38
2,4,6-Trichlorophenol
Concen: 28.391 ng/ul m
RT: 13.55 min Scan# 1719
Delta R.T. 0.07 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Tgt Ion:196 Resp: 145099
Ion Ratio Lower Upper
196 100
198 92.4 75.9 113.9
200 29.9 25.8 38.6





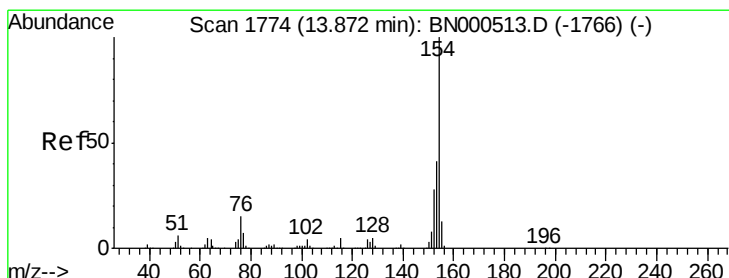
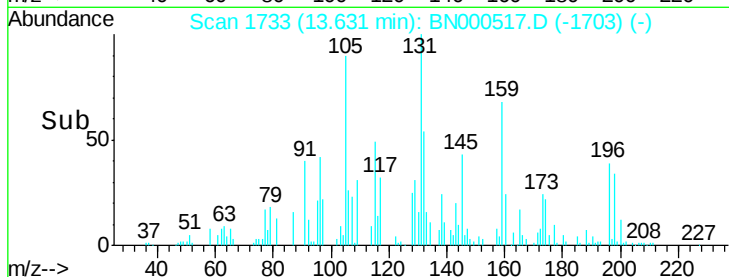
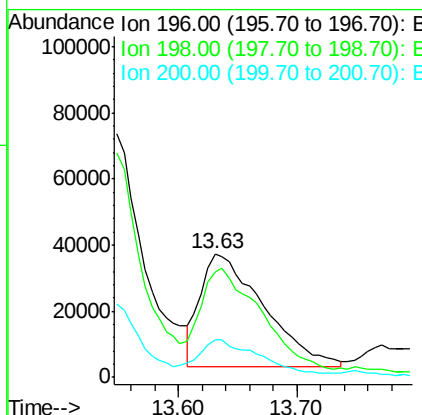
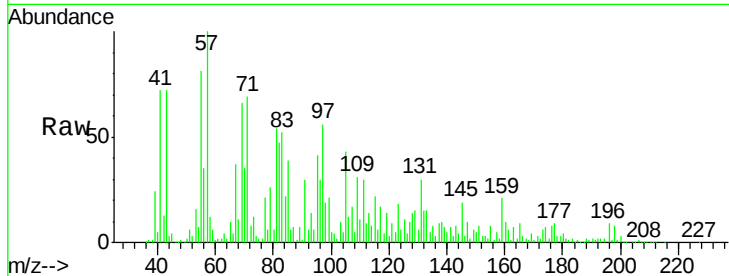
#39
 2,4,5-Trichlorophenol
 Concen: 23.621 ng/ul m
 RT: 13.63 min Scan# 1733
 Delta R.T. 0.08 min
 Lab File: BN000517.D
 Acq: 21 Mar 2018 13:35

Instrument :
 BNA_N
 ClientSampled :
 DAM51

Tot Ion	Ratio	Resp	Lower	Upper
196	100	125876		
198	85.7	74.7	112.1	
200	30.5	25.4	38.0	

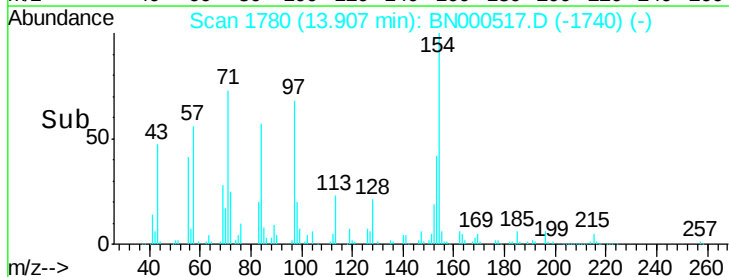
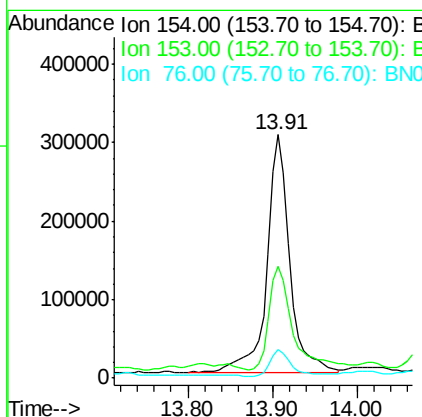
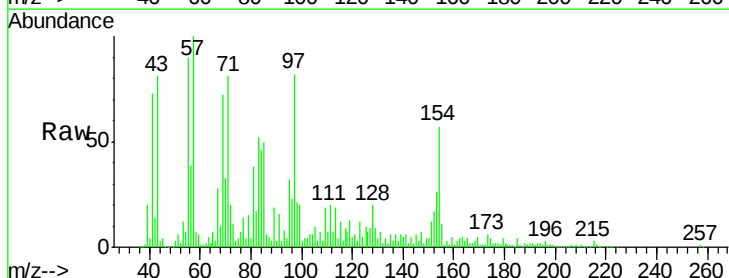
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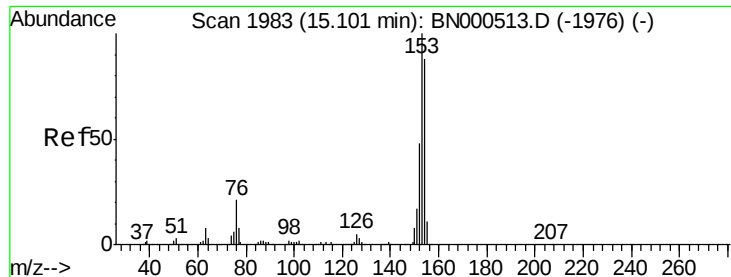
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#40
 1,1'-Biphenyl
 Concen: 26.214 ng/ul
 RT: 13.91 min Scan# 1780
 Delta R.T. 0.04 min
 Lab File: BN000517.D
 Acq: 21 Mar 2018 13:35

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	559655		
153	46.0	34.0	51.0	
76	11.6	8.4	12.6	





#49

Acenaphthene

Concen: 16.815 ng/ul

RT: 15.14 min Scan# 1990

Delta R.T. 0.04 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

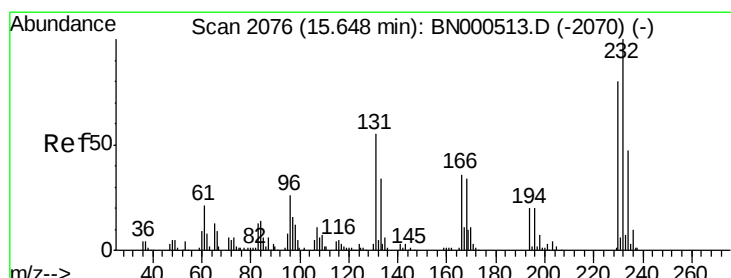
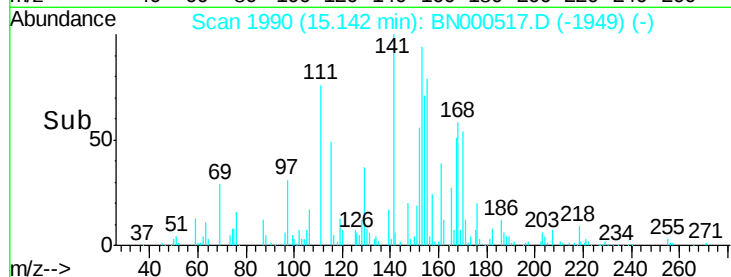
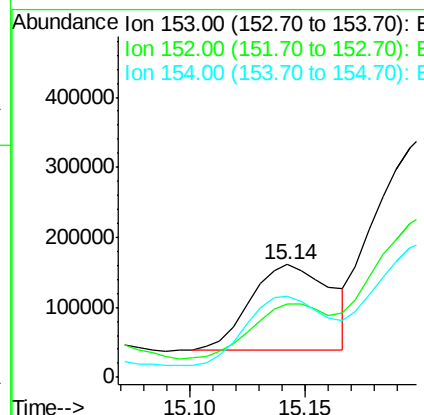
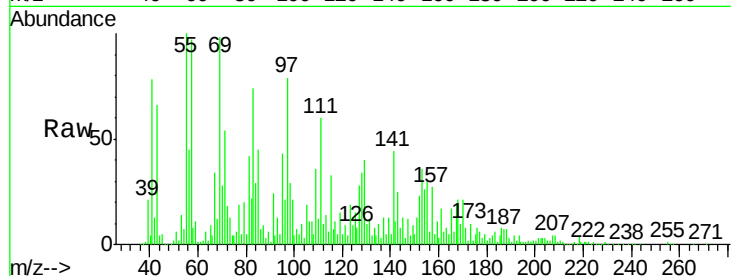
ClientSampled :

DAM51

Tot Ion:	153	Resp:	293581
Ion Ratio	Lower	Upper	
153	100		
152	65.2	37.9	56.9#
154	72.3	69.8	104.6

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#55

2,3,4,6-Tetrachlorophenol

Concen: 2752.366 ng/ul m

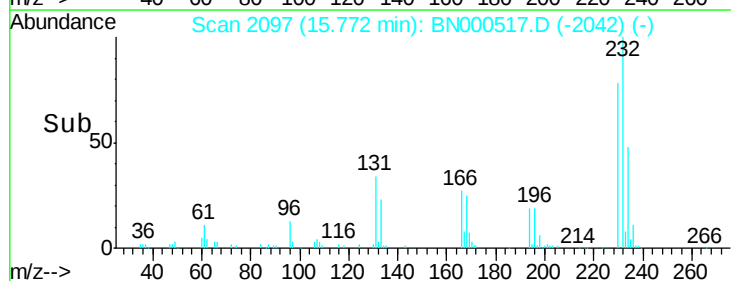
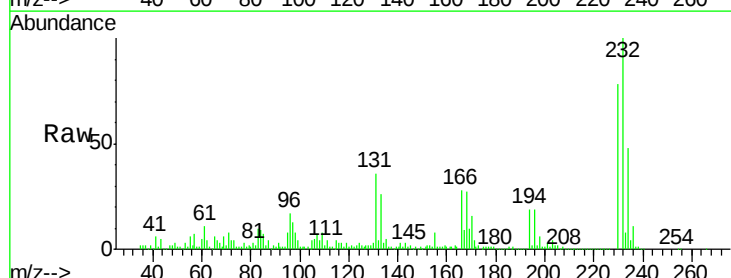
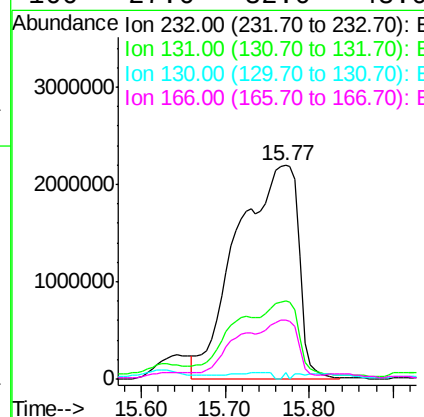
RT: 15.77 min Scan# 2097

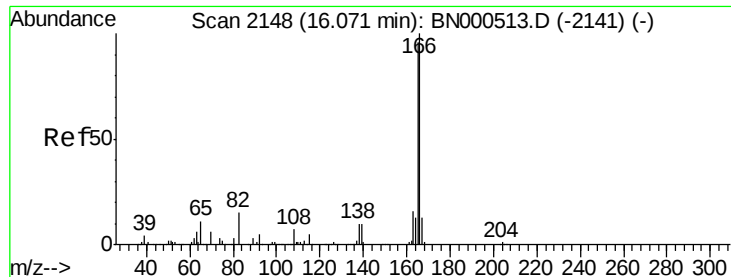
Delta R.T. 0.12 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Tgt Ion:	232	Resp:	11200320
Ion Ratio	Lower	Upper	
232	100		
131	36.4	48.0	72.0#
130	2.8	4.0	6.0#
166	27.6	32.0	48.0#





#58

Fluorene

Concen: 29.805 ng/ul

RT: 16.13 min Scan# 2158

Delta R.T. 0.06 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

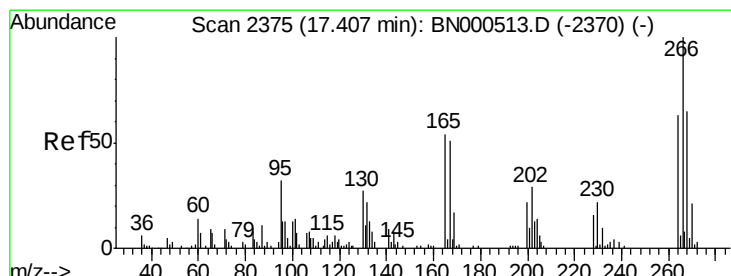
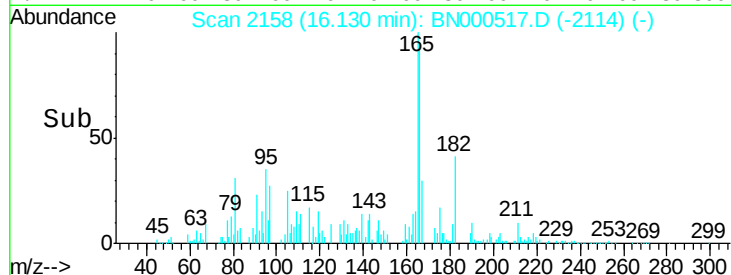
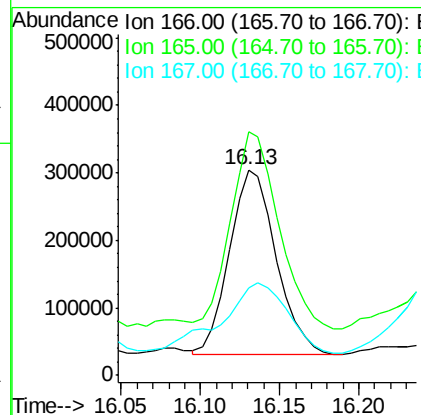
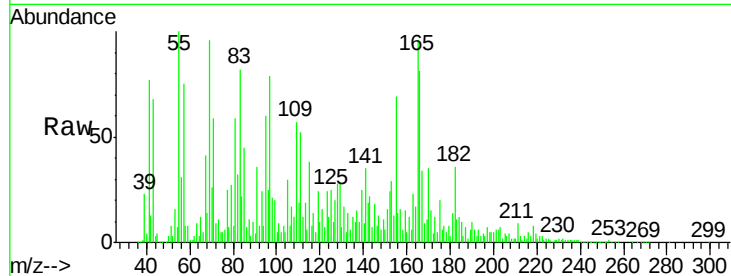
ClientSampled :

DAM51

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100				
165	118.4	78.4	117.6#		
167	42.3	11.1	16.7#		

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#68

Pentachlorophenol

Concen: 14802.426 ng/ul m

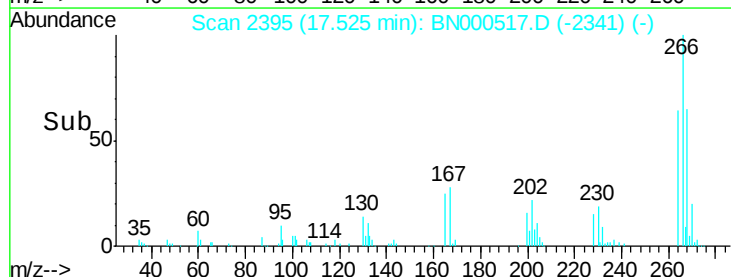
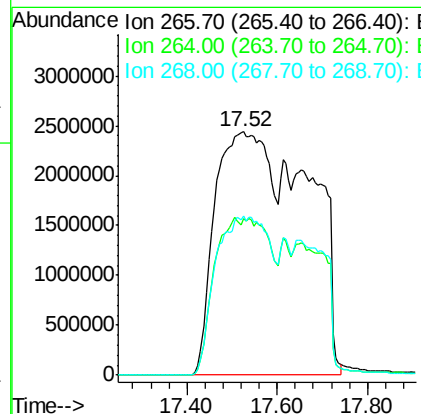
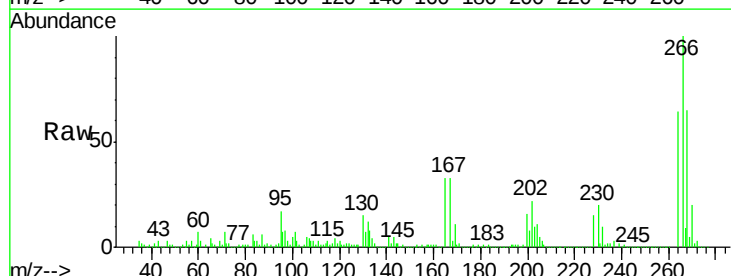
RT: 17.52 min Scan# 2395

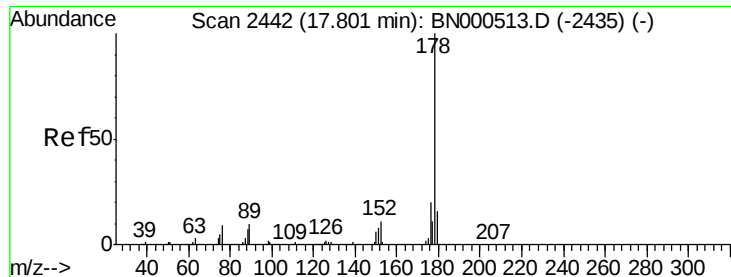
Delta R.T. 0.12 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100				
264	64.2	48.2	72.4		
268	65.4	52.3	78.5		





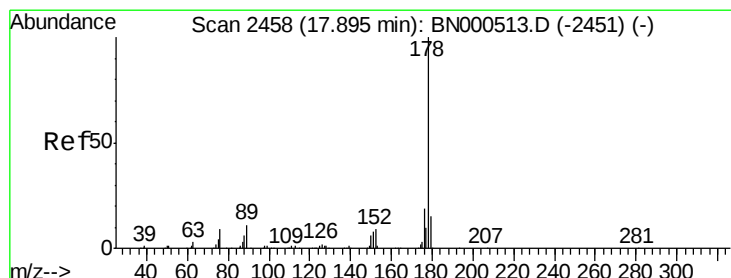
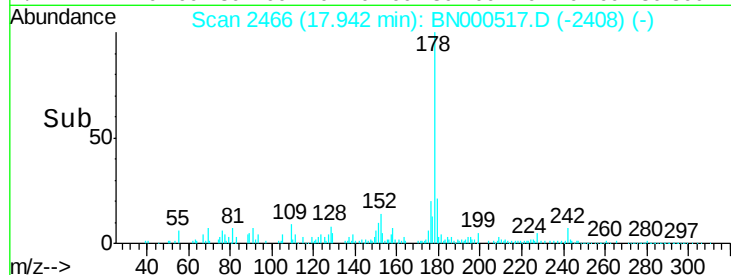
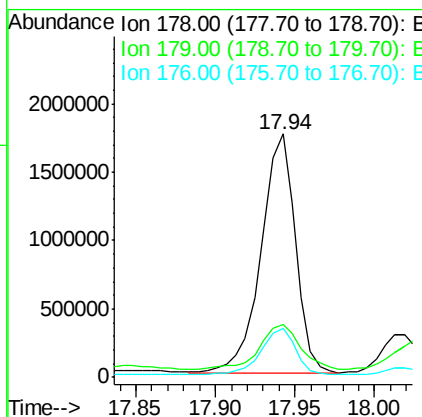
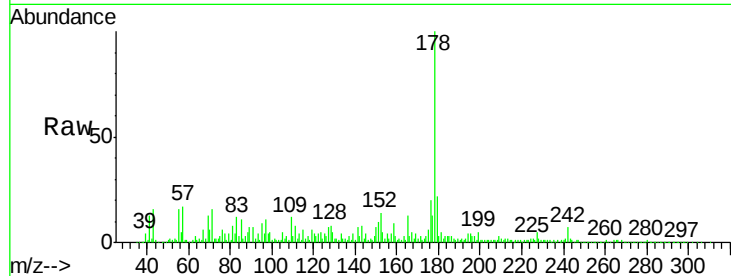
#69
Phenanthrene
Concen: 108.928 ng/ul m
RT: 17.94 min Scan# 2466
Delta R.T. 0.14 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Instrument :
BNA_N
ClientSampleId :
DAM51

Tot Ion:178 Resp: 2621970
Ion Ratio Lower Upper
178 100
179 22.0 12.3 18.5#
176 19.9 15.4 23.0

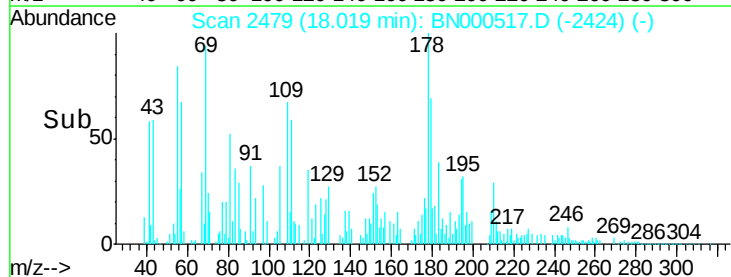
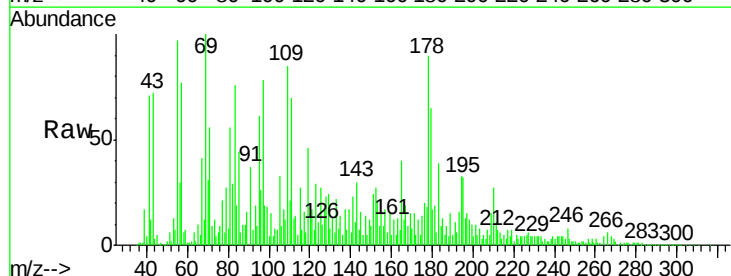
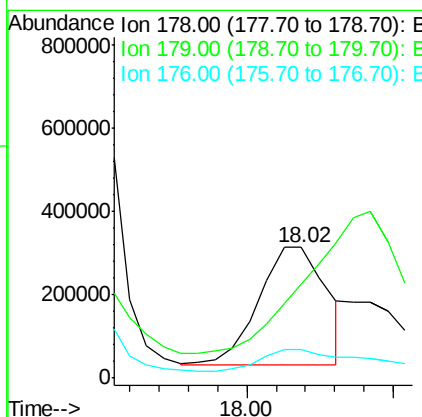
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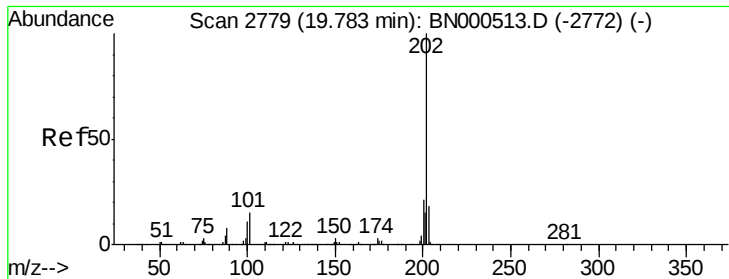
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#71
Anthracene
Concen: 18.396 ng/ul m
RT: 18.02 min Scan# 2479
Delta R.T. 0.12 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Tgt Ion:178 Resp: 454030
Ion Ratio Lower Upper
178 100
179 71.7 13.4 20.2#
176 22.2 15.4 23.0





#74

Fluoranthene

Concen: 69.359 ng/ul m

RT: 19.82 min Scan# 2786

Delta R.T. 0.04 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

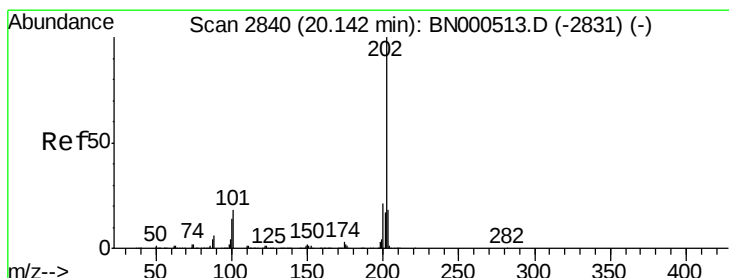
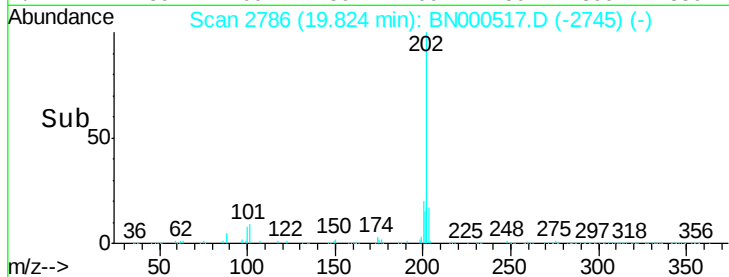
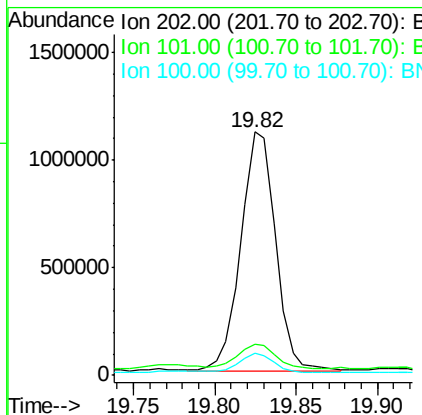
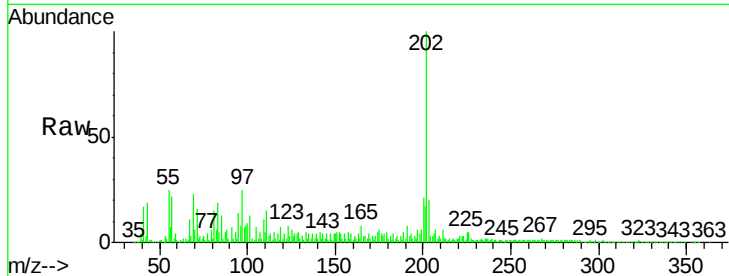
ClientSampled :

DAM51

Tot Ion:	202	Resp:	1658990
Ion Ratio	Lower	Upper	
202	100		
101	12.8	6.1	9.1#
100	8.9	4.6	7.0#

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#77

Pyrene

Concen: 41.445 ng/ul m

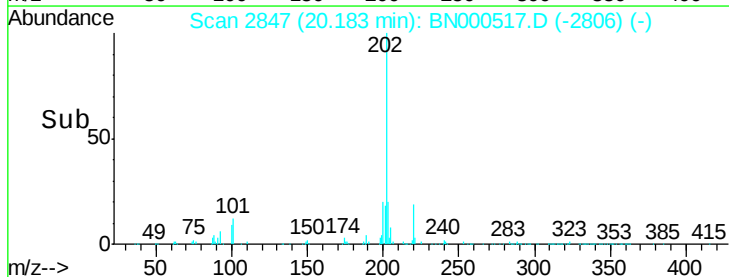
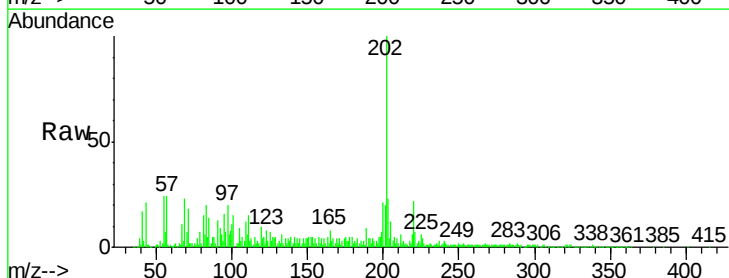
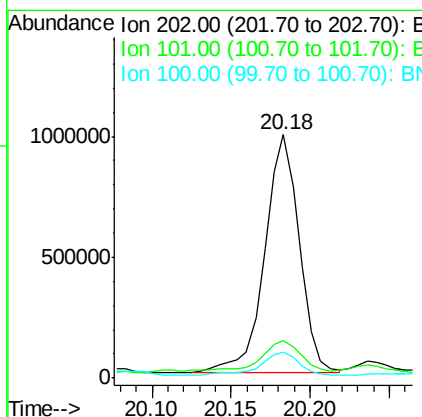
RT: 20.18 min Scan# 2847

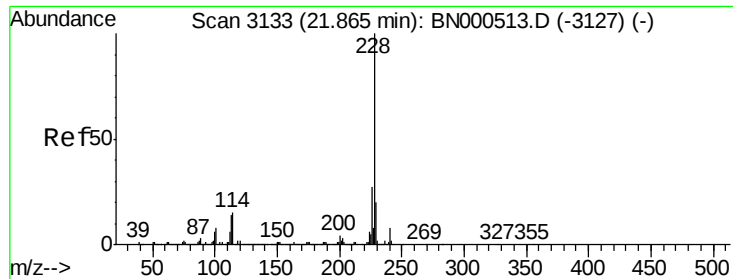
Delta R.T. 0.04 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Tgt Ion:	202	Resp:	1494637
Ion Ratio	Lower	Upper	
202	100		
101	15.3	6.9	10.3#
100	10.5	5.6	8.4#





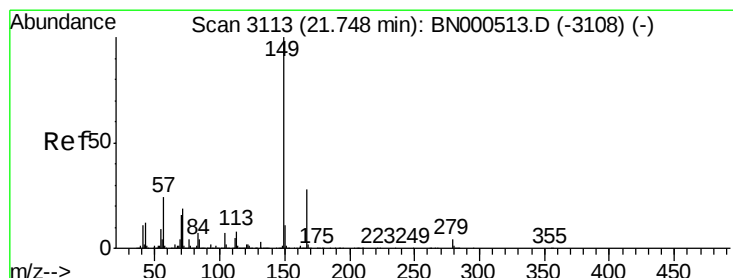
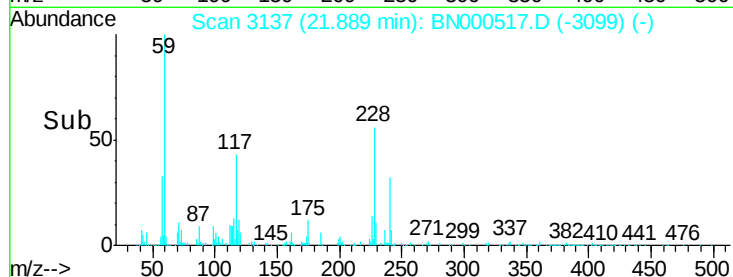
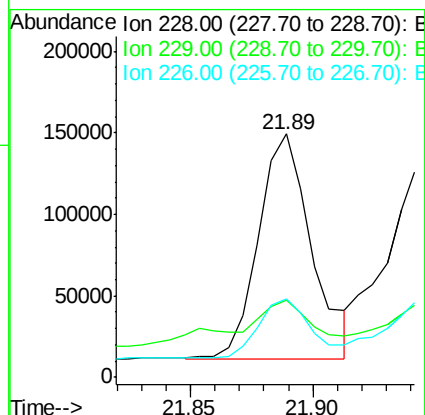
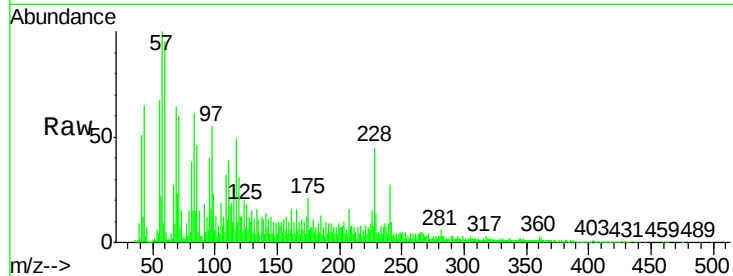
#80
Benzo(a)anthracene
Concen: 6.286 ng/ul m
RT: 21.89 min Scan# 3137
Delta R.T. 0.02 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Instrument :
BNA_N
ClientSampled :
DAM51

Tot Ion	Ratio	Lower	Upper
228	100		
229	31.5	16.0	24.0#
226	32.1	21.8	32.8

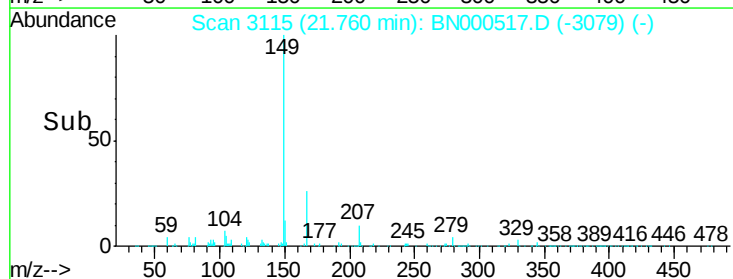
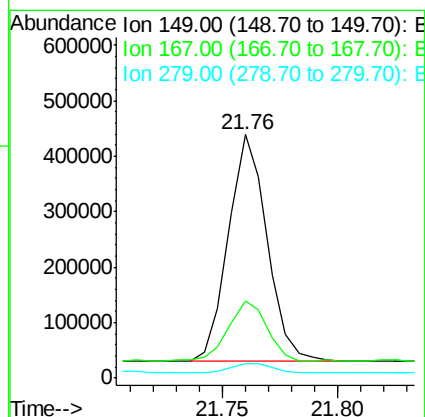
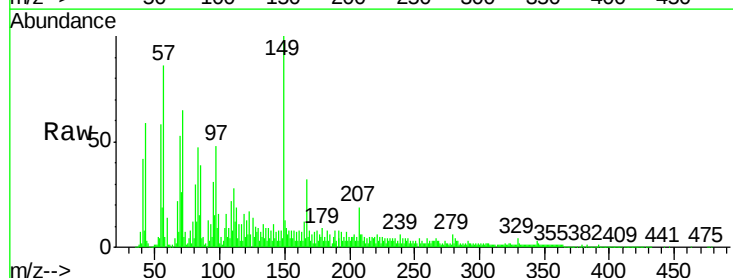
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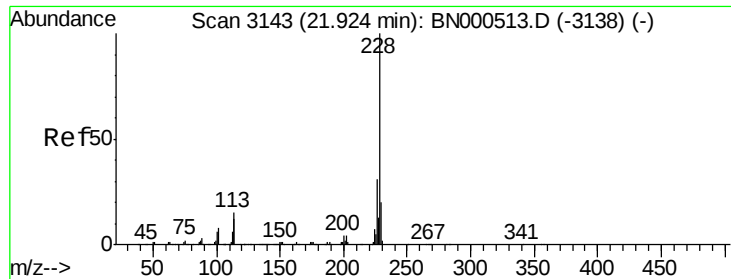
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#81
Bis(2-ethylhexyl)phthalate
Concen: 18.245 ng/ul
RT: 21.76 min Scan# 3115
Delta R.T. 0.01 min
Lab File: BN000517.D
Acq: 21 Mar 2018 13:35

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.9	23.0	34.6
279	6.0	4.3	6.5





#82

Chrysene

Concen: 6.822 ng/ul m

RT: 21.94 min Scan# 3146

Delta R.T. 0.02 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

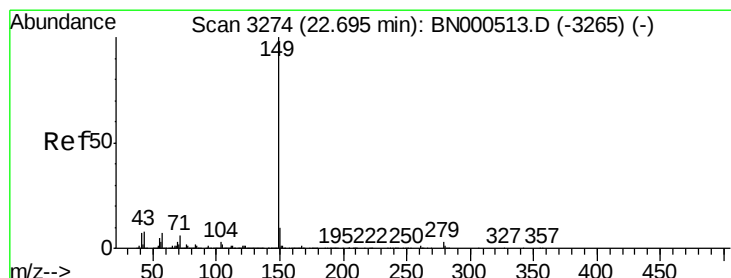
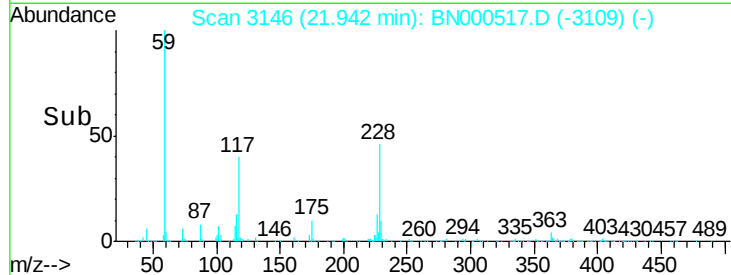
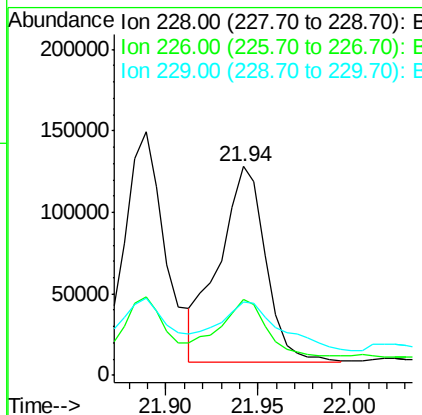
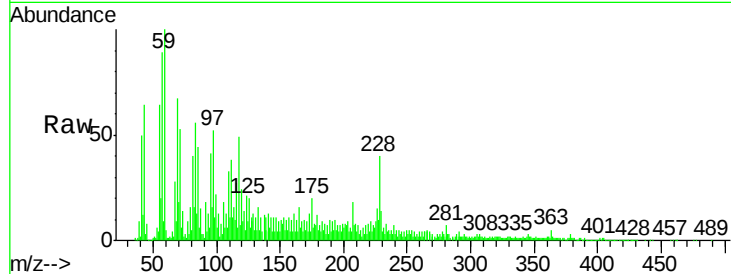
ClientSampled :

DAM51

Tot Ion:	228	Resp:	210411
Ion Ratio	Lower	Upper	
228	100		
226	36.5	24.1	36.1#
229	34.9	16.0	24.0#

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#84

Di-n-octyl phthalate

Concen: 6.723 ng/ul

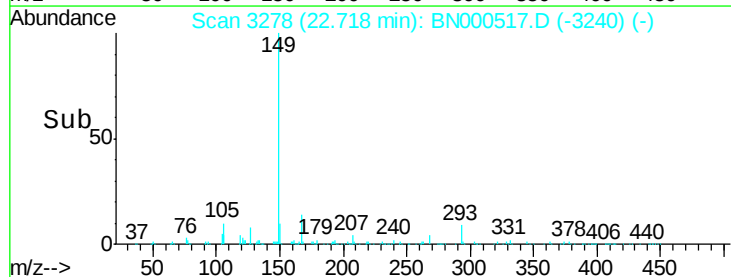
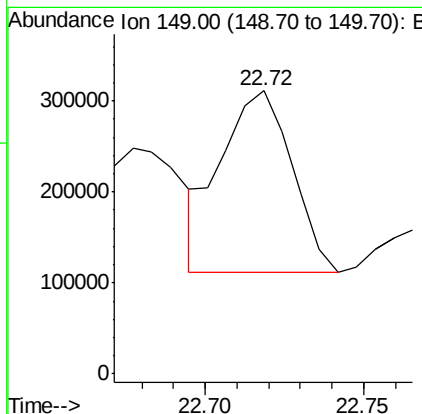
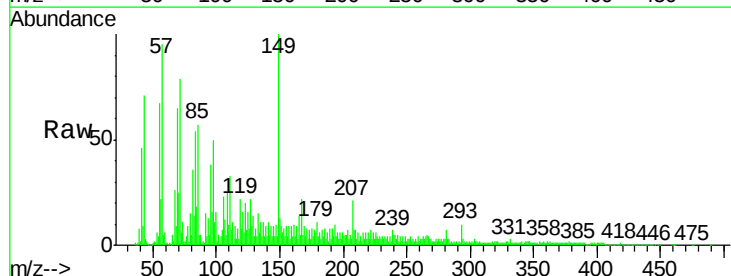
RT: 22.72 min Scan# 3278

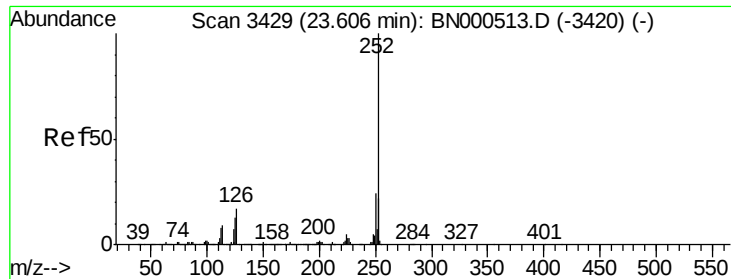
Delta R.T. 0.02 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Tgt Ion:149 Resp: 309203





#85

Benzo(b)fluoranthene

Concen: 3.343 ng/ul m

RT: 23.64 min Scan# 3434

Delta R.T. 0.03 min

Lab File: BN000517.D

Acq: 21 Mar 2018 13:35

Instrument :

BNA_N

ClientSampleId :

DAM51

Tot Ion	Ratio	Lower	Upper
252	100		
253	39.2	17.4	26.0#
125	80.6	4.9	7.3#

Manual Integrations
APPROVED

Sohil
3/22/2018 6:49:03 PM

