Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN032118\
Data File : BN000521.D
Acq On : 21 Mar 2018 15:52
Operator : JU/SJ
Sample : J1905-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAM40MSD

Manual Integrations APPROVED
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Quant Time: Mar 28 03:34:45 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	152374	20.00	ng/ul	0.02
18) Naphthalene-d8	11.27	136	550567	20.00	ng/ul	0.02
35) Acenaphthene-d10	15.05	164	317198	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.81	188	655462m	20.00	ng/ul	0.05
75) Chrysene-d12	21.90	240	598393	20.00	ng/ul	0.01
83) Perylene-d12	24.39	264	549622	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	13868	3.25	ng/uL	0.00
5) Phenol-d5	7.57	99	16826	1.18	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.72	67	55923	6.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.95	132	7488	0.70	ng/ul	0.02
13) 4-Methylphenol-d8	9.21	113	22850m	2.06	ng/ul	0.08
19) Nitrobenzene-d5	9.63	128	23524	5.26	ng/ul	0.04
22) 2-Nitrophenol-d4	10.38	143	78501m	16.95	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.90	165	11422	1.38	ng/ul	0.04
29) 4-Chloroaniline-d4	11.37	131	284750	33.41	ng/ul	-0.01
43) Dimethylphthalate-d6	14.44	166	20064	0.80	ng/ul	0.02
46) Acenaphthylene-d8	14.75	160	25804	0.78	ng/ul	0.02
51) 4-Nitrophenol-d4	15.25	143	102334	21.99	ng/ul	0.04
57) Fluorene-d10	16.05	176	35485	1.66	ng/ul	0.03
62) 4,6-Dinitro-2-methylphenol	16.18	200	34136m	9.09	ng/ul	0.05
70) Anthracene-d10	17.90	188	19868	0.63	ng/ul	0.04
76) Pyrene-d10	20.14	212	29920	0.91	ng/ul	0.02
87) Benzo(a)pyrene-d12	24.23	264	13501	0.52	ng/ul	0.02
Target Compounds						Qvalue
6) Phenol	7.61	94	26746	1.844	ng/ul#	1
28) Naphthalene	11.33	128	1444861	49.973	ng/ul#	95
33) 4-Chloro-3-methylphenol	12.55	107	47276	4.990	ng/ul#	43
34) 2-Methylnaphthalene	12.91	142	2521525	130.628	ng/ul	99
38) 2,4,6-Trichlorophenol	13.51	196	24706	3.822	ng/ul	98
39) 2,4,5-Trichlorophenol	13.60	196	26417	3.919	ng/ul	97
40) 1,1'-Biphenyl	13.89	154	315297	11.677	ng/ul#	95
49) Acenaphthene	15.12	153	148119	6.708	ng/ul#	81
52) 4-Nitrophenol	15.29	109	191822m	53.345	ng/ul	
55) 2,3,4,6-Tetrachlorophenol	15.70	232	2824992	548.878	ng/ul#	79
58) Fluorene	16.10	166	280281	11.760	ng/ul#	83
68) Pentachlorophenol	17.53	266	15491729m	4159.642	ng/ul	
69) Phenanthrene	17.85	178	1113642	29.492	ng/ul#	93
71) Anthracene	17.94	178	106522	2.751	ng/ul#	68
74) Fluoranthene	19.81	202	455408	12.137	ng/ul#	81
77) Pyrene	20.17	202	464763	10.634	ng/ul#	77
80) Benzo(a)anthracene	21.88	228	108510	2.722	ng/ul#	89
81) Bis(2-ethylhexyl)phthalate	21.75	149	296365	9.403	ng/ul	97
82) Chrysene	21.94	228	107556	2.878	ng/ul#	85
84) Di-n-octyl phthalate	22.71	149	442700	9.569	ng/ul	100
85) Benzo(b)fluoranthene	23.63	252	90668m	2.611	ng/ul	

Quantitation Report (QT Reviewed)

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Sample : J1905-05MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 28 03:34:45 2018
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN032118\
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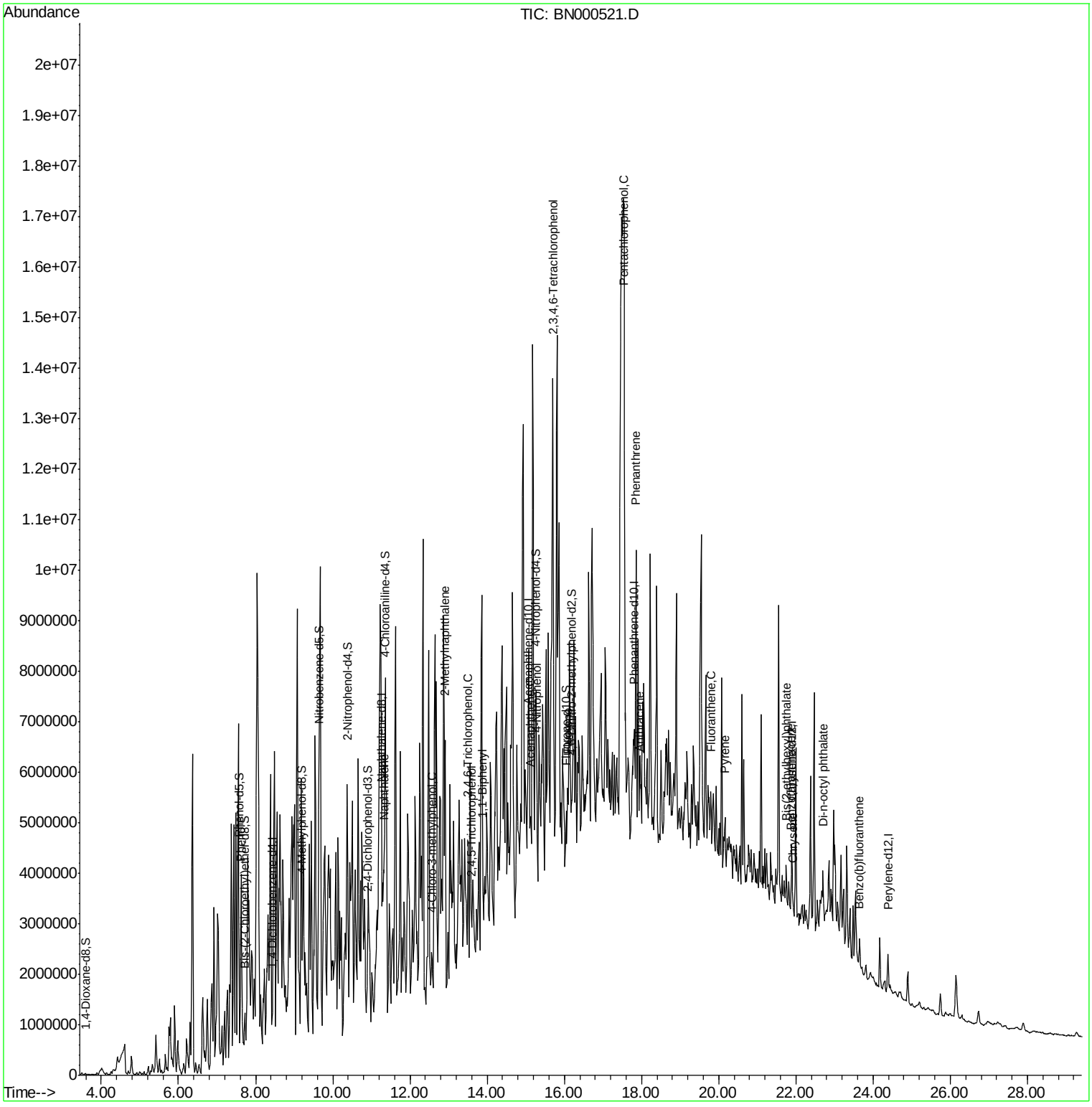

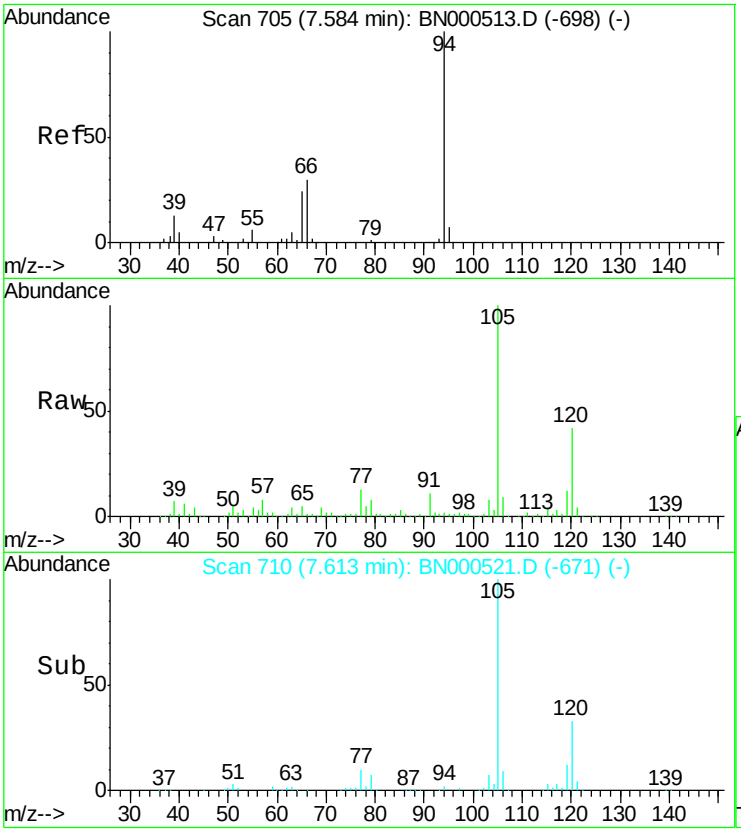

#6
Phenol
Concen: 1.844 ng/ul
RT: 7.61 min Scan# 710
Delta R.T. 0.03 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion: 94 Resp: 26746

Ion	Ratio	Lower	Upper
94	100		
65	274.3	23.0	34.6#
66	75.9	30.4	45.6#

Instrument :
BNA_N
ClientSampleId :
DAM40MSD

Manual Integrations APPROVED
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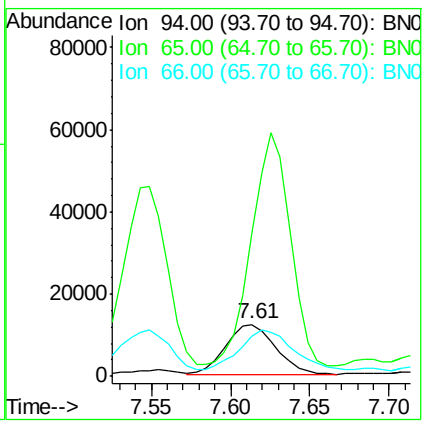
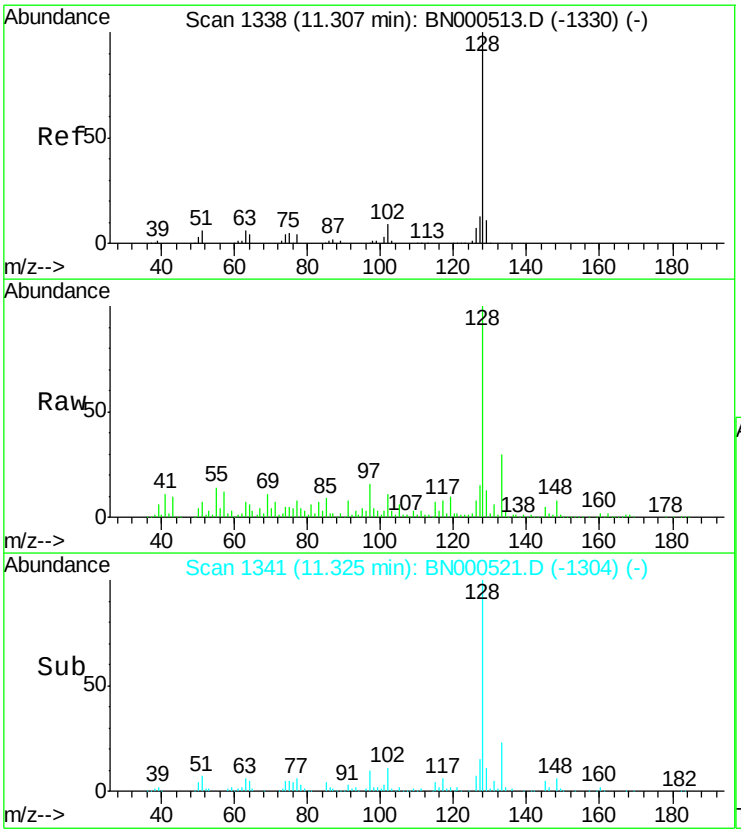
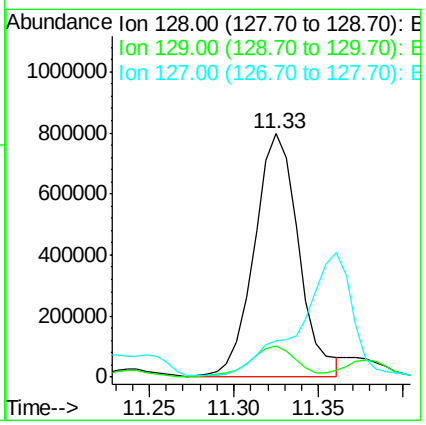


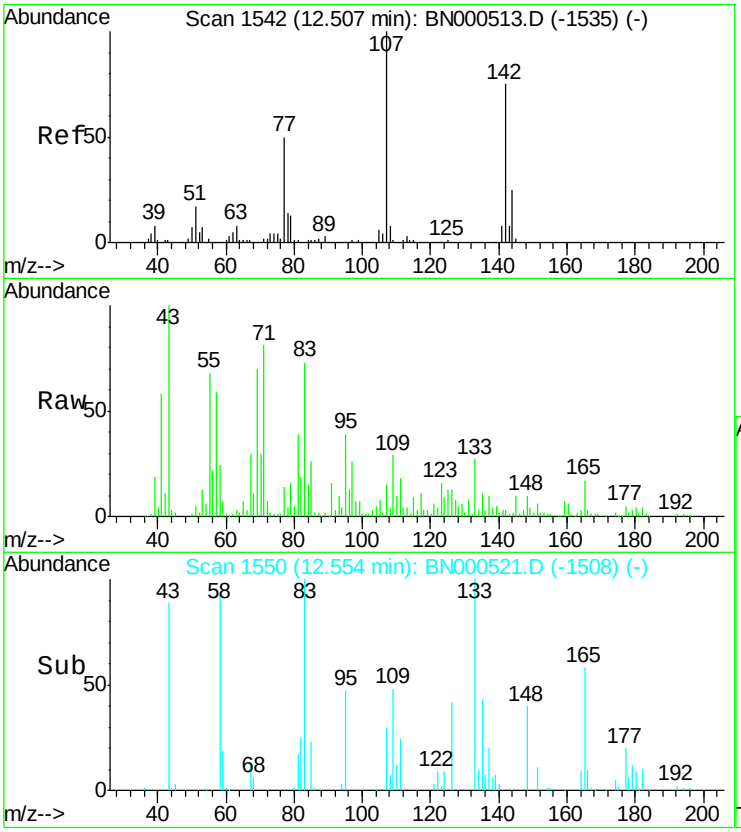


#28
Naphthalene
Concen: 49.973 ng/ul
RT: 11.33 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:128 Resp: 1444861

Ion	Ratio	Lower	Upper
128	100		
129	12.7	8.3	12.5#
127	15.1	10.8	16.2





#33
4-Chloro-3-methylphenol
Concen: 4.990 ng/ul
RT: 12.55 min Scan# 1550
Delta R.T. 0.05 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:107 Resp: 47276

Ion	Ratio	Lower	Upper
107	100		
144	12.2	21.1	31.7#
142	18.2	60.1	90.1#

Instrument :
BNA_N
ClientSampleId :
DAM40MSD

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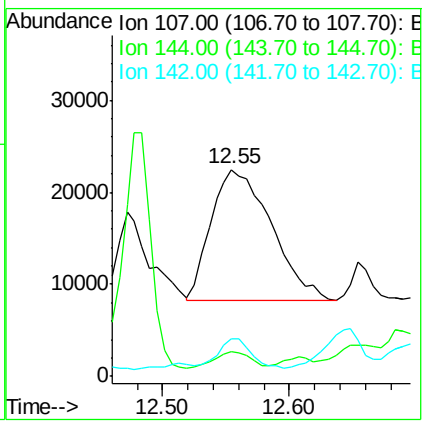
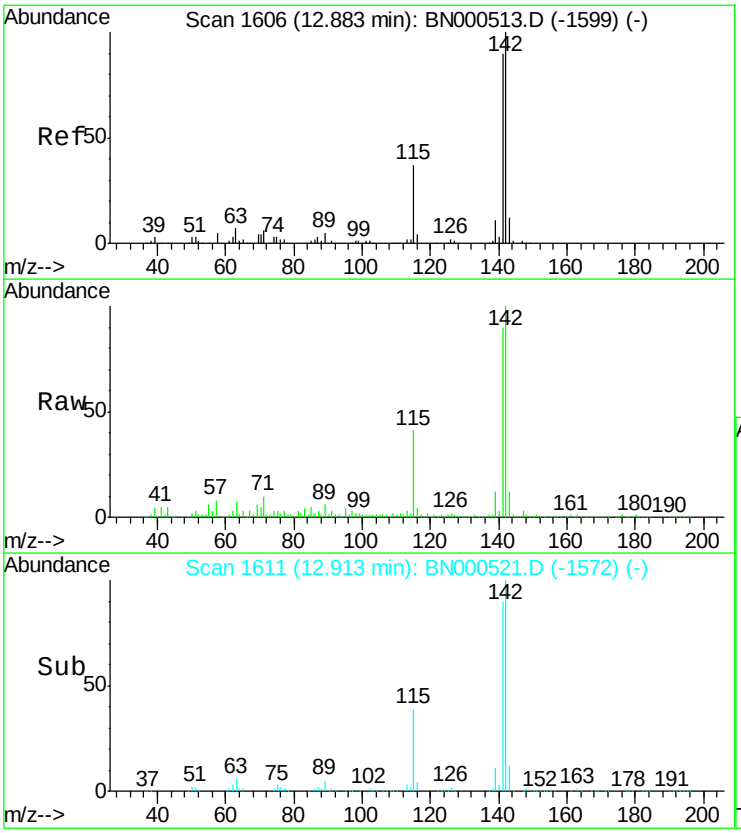
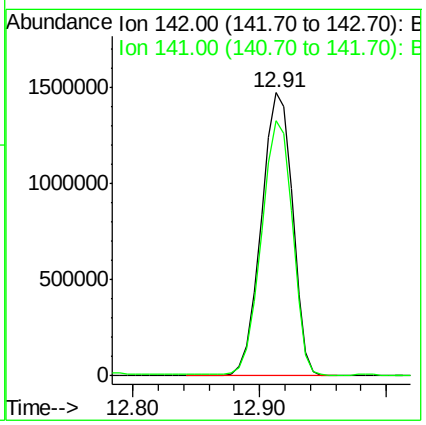


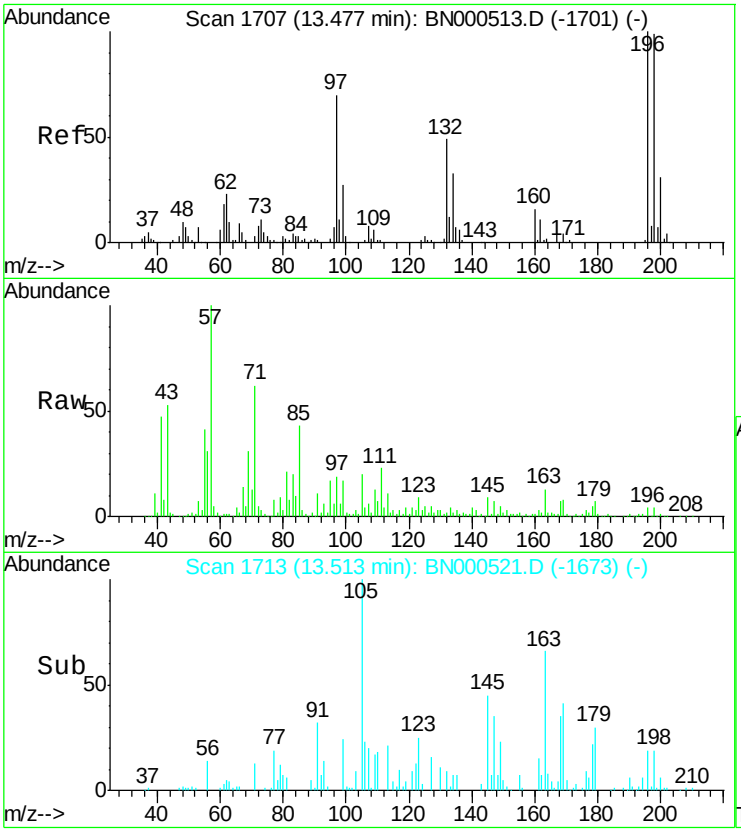


#34
2-Methylnaphthalene
Concen: 130.628 ng/ul
RT: 12.91 min Scan# 1611
Delta R.T. 0.03 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:142 Resp: 2521525

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2

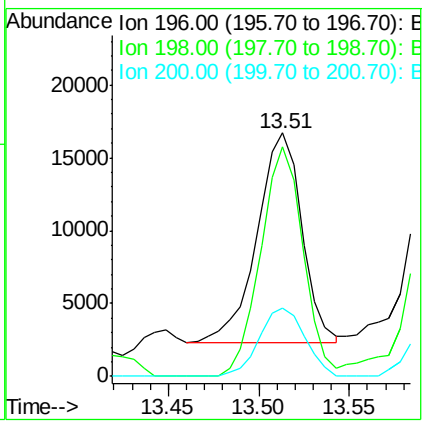




#38
2,4,6-Trichlorophenol
Concen: 3.822 ng/ul
RT: 13.51 min Scan# 1713
Delta R.T. 0.04 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:196 Resp: 24706

Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.9	113.9
200	28.0	25.8	38.6



Instrument :
BNA_N
ClientSampleId :
DAM40MSD

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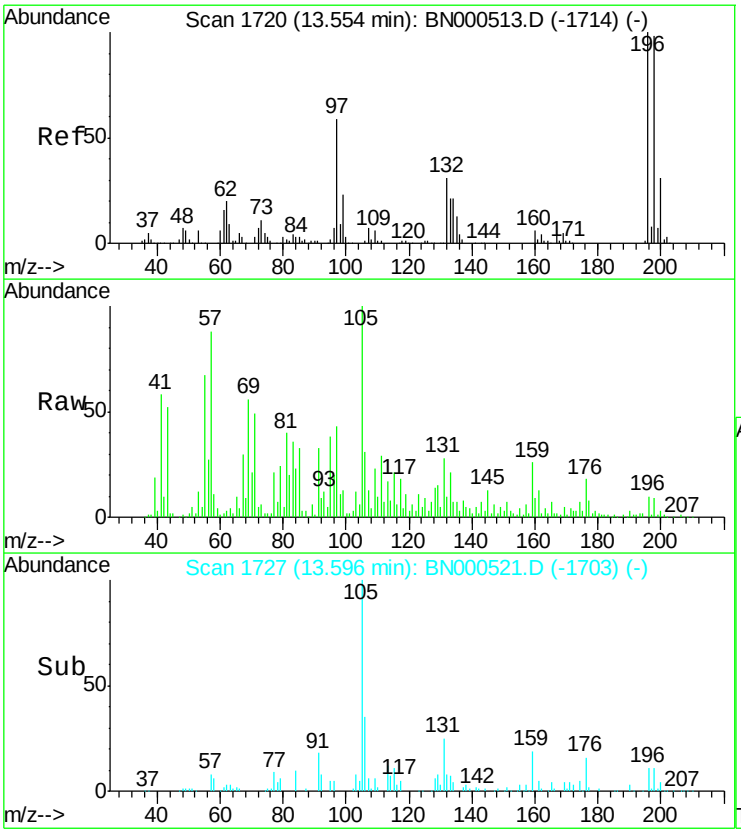
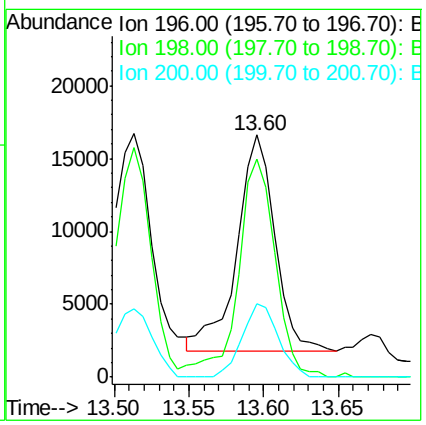
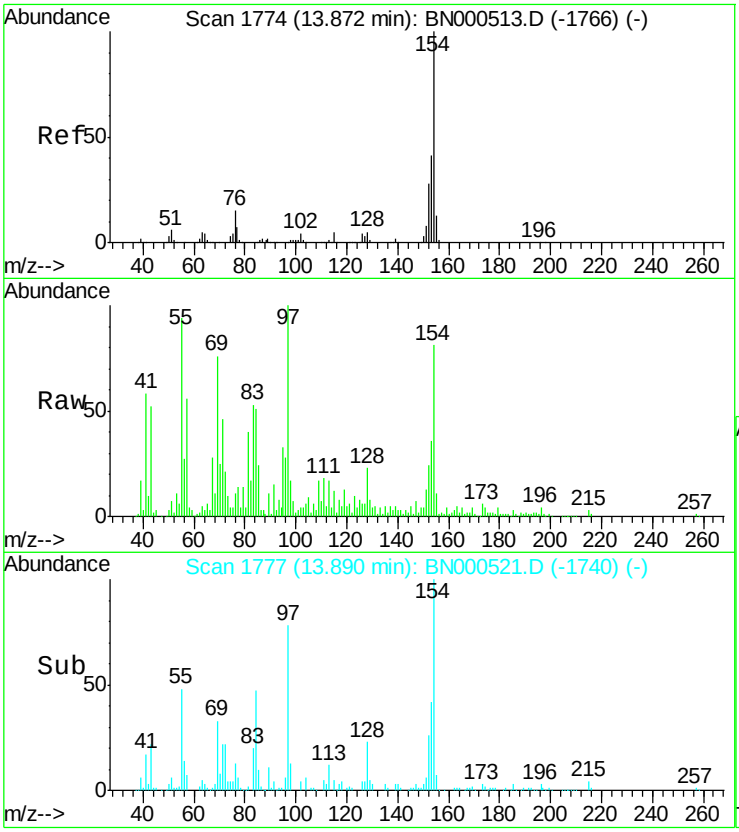


#39
2,4,5-Trichlorophenol
Concen: 3.919 ng/ul
RT: 13.60 min Scan# 1727
Delta R.T. 0.04 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:196 Resp: 26417

Ion	Ratio	Lower	Upper
196	100		
198	90.2	74.7	112.1
200	30.2	25.4	38.0

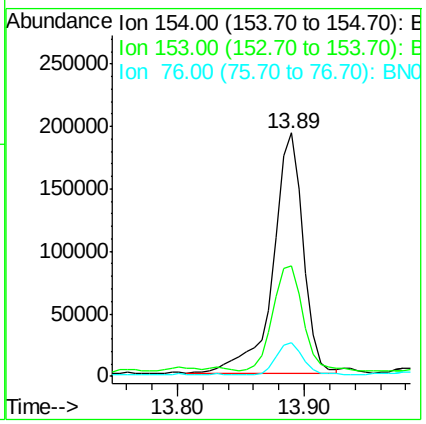




#40
1,1'-Biphenyl
Concen: 11.677 ng/ul
RT: 13.89 min Scan# 1777
Delta R.T. 0.02 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:154 Resp: 315297

Ion	Ratio	Lower	Upper
154	100		
153	45.2	34.0	51.0
76	13.7	8.4	12.6#



Instrument :
BNA_N
ClientSampleId :
DAM40MSD

Manual Integrations APPROVED
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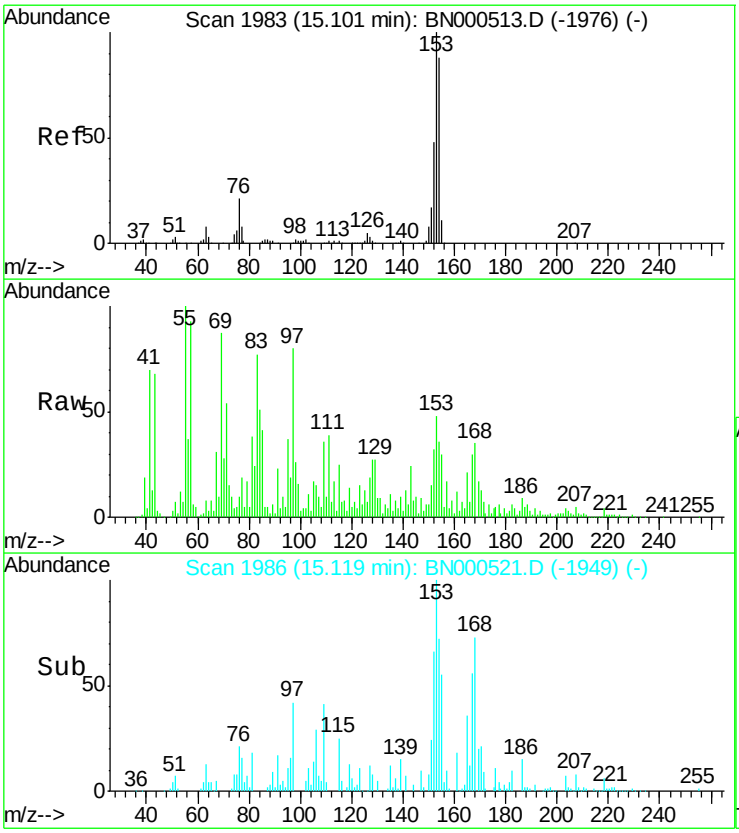
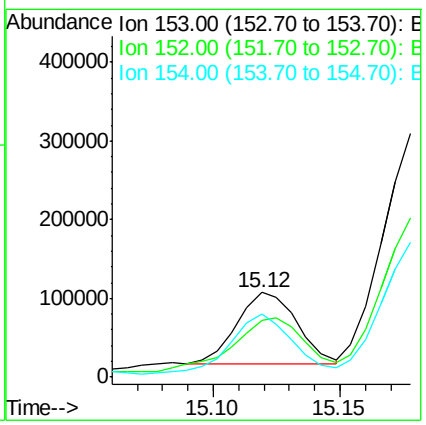
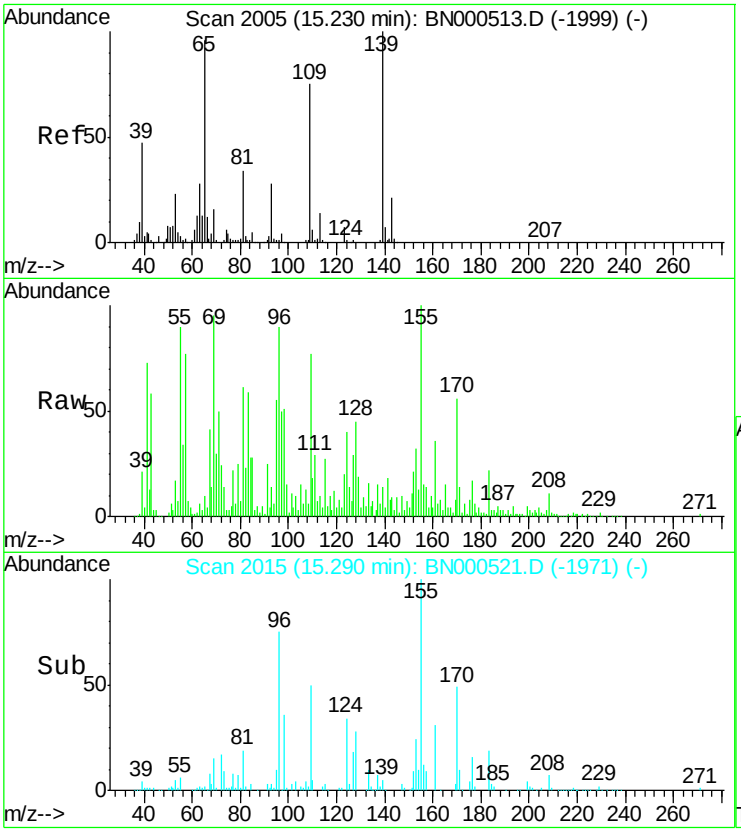


#49
Acenaphthene
Concen: 6.708 ng/ul
RT: 15.12 min Scan# 1986
Delta R.T. 0.02 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:153 Resp: 148119

Ion	Ratio	Lower	Upper
153	100		
152	67.4	37.9	56.9#
154	74.4	69.8	104.6





#52
4-Nitrophenol
Concen: 53.345 ng/ul m
RT: 15.29 min Scan# 2015
Delta R.T. 0.06 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:109 Resp: 191822

Ion	Ratio	Lower	Upper
109	100		
139	18.5	91.2	136.8#
65	12.9	92.6	139.0#

Instrument :
BNA_N
ClientSampleId :
DAM40MSD

Manual Integrations APPROVED
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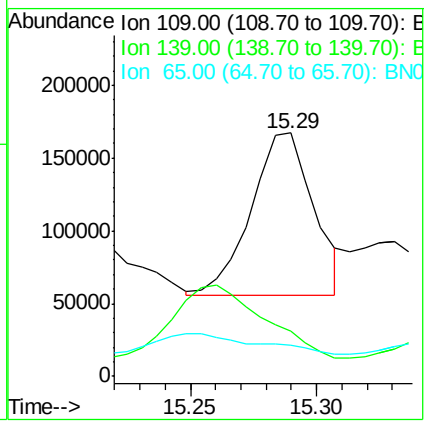
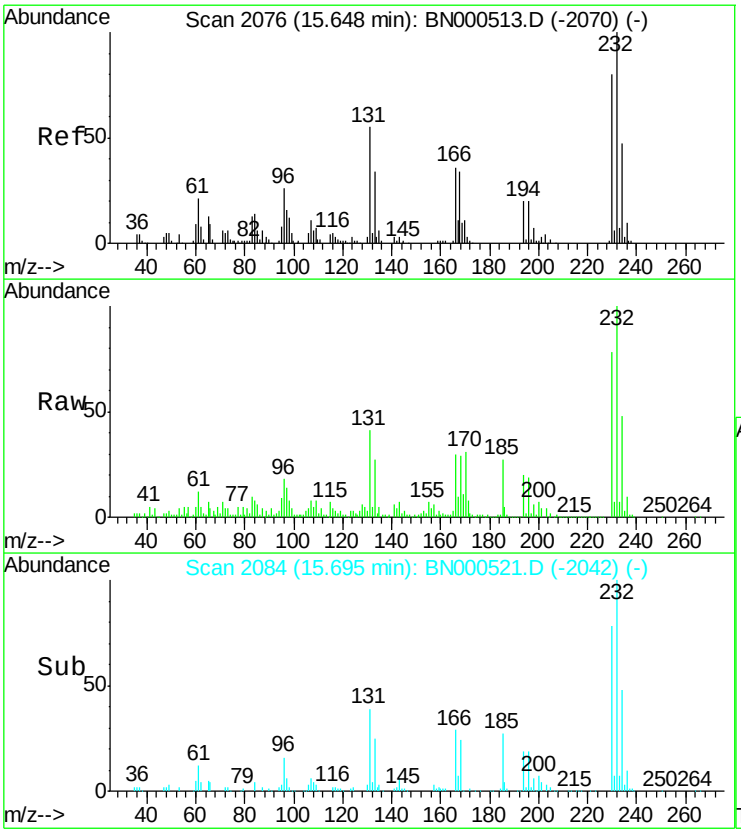
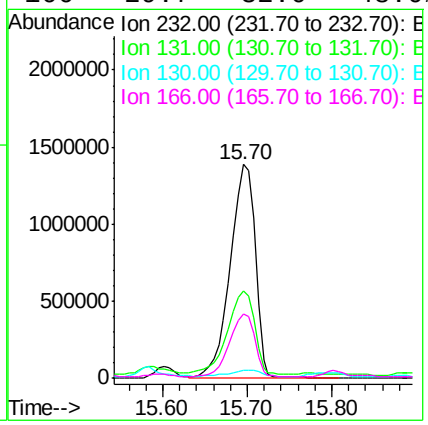


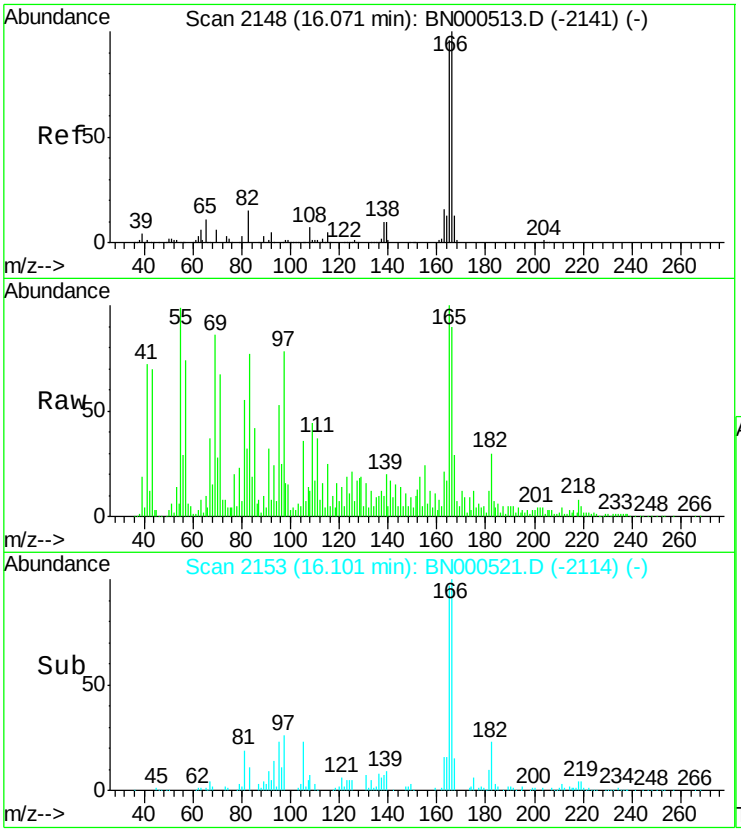


#55
2,3,4,6-Tetrachlorophenol
Concen: 548.878 ng/ul
RT: 15.70 min Scan# 2084
Delta R.T. 0.05 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:232 Resp: 2824992

Ion	Ratio	Lower	Upper
232	100		
131	41.0	48.0	72.0#
130	3.4	4.0	6.0#
166	29.7	32.0	48.0#





#58
Fluorene
Concen: 11.760 ng/ul
RT: 16.10 min Scan# 2153
Delta R.T. 0.03 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:166 Resp: 280281

Ion	Ratio	Lower	Upper
166	100		
165	111.3	78.4	117.6
167	32.0	11.1	16.7#

Instrument :
BNA_N
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DAM40MSD

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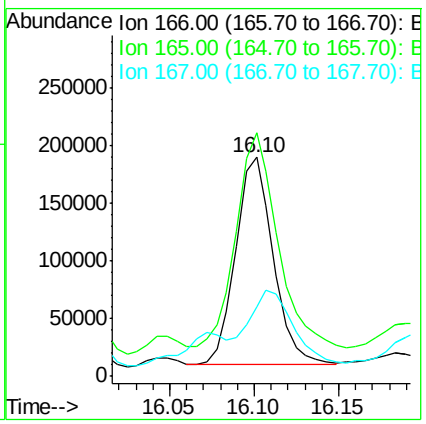
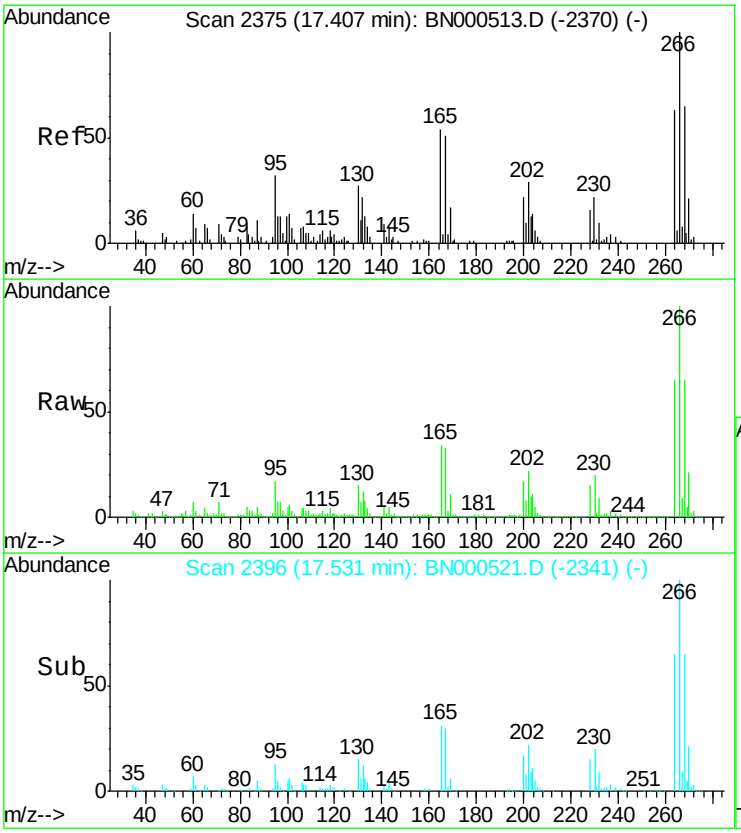
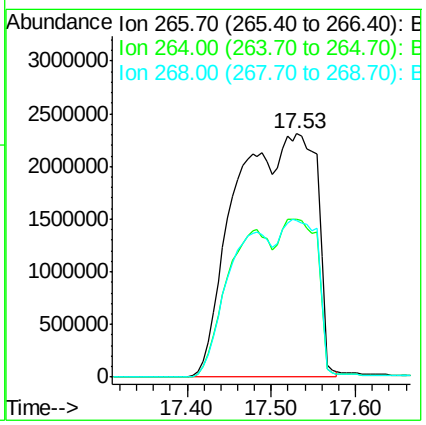


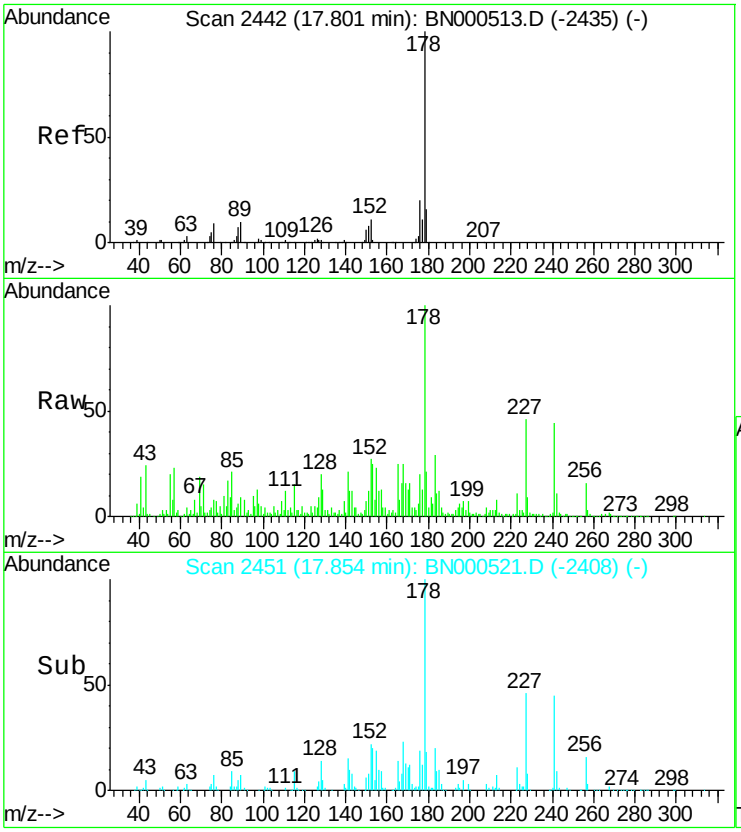


#68
Pentachlorophenol
Concen: 4159.642 ng/ul m
RT: 17.53 min Scan# 2396
Delta R.T. 0.12 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:266 Resp:15491729

Ion	Ratio	Lower	Upper
266	100		
264	65.0	48.2	72.4
268	64.5	52.3	78.5

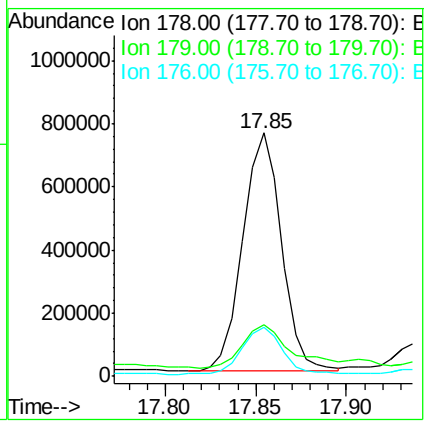




#69
Phenanthrene
Concen: 29.492 ng/ul
RT: 17.85 min Scan# 2451
Delta R.T. 0.05 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:178 Resp: 1113642

Ion	Ratio	Lower	Upper
178	100		
179	21.1	12.3	18.5#
176	20.1	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
DAM40MSD

Manual Integrations APPROVED
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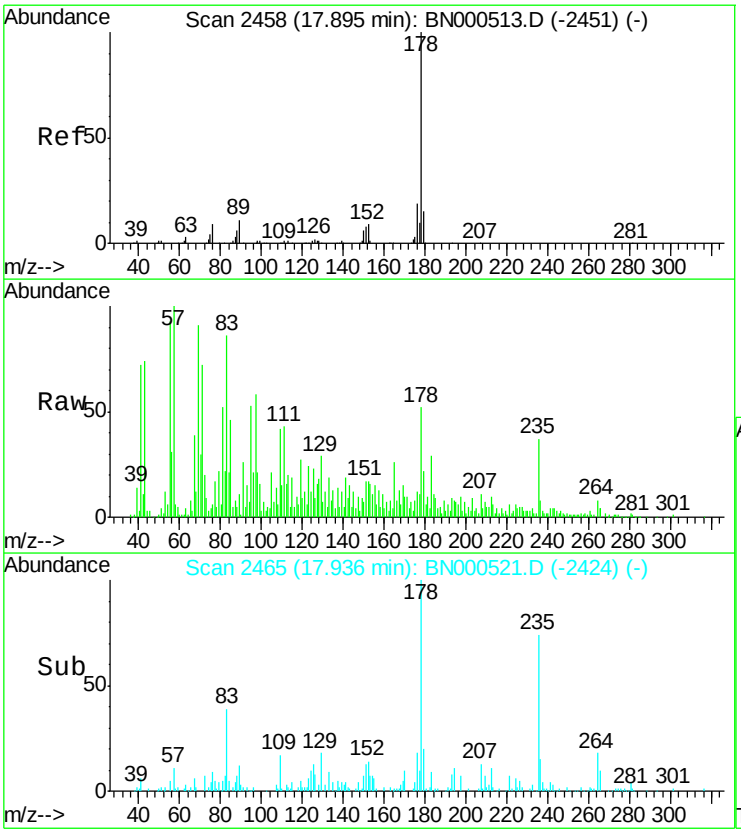
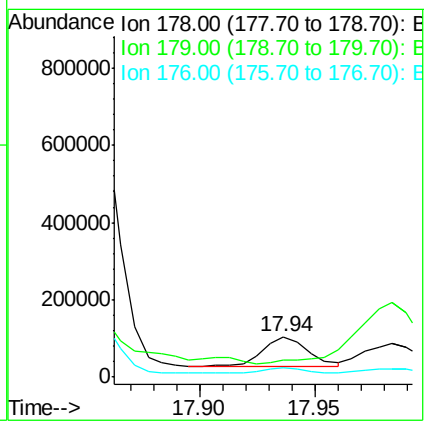
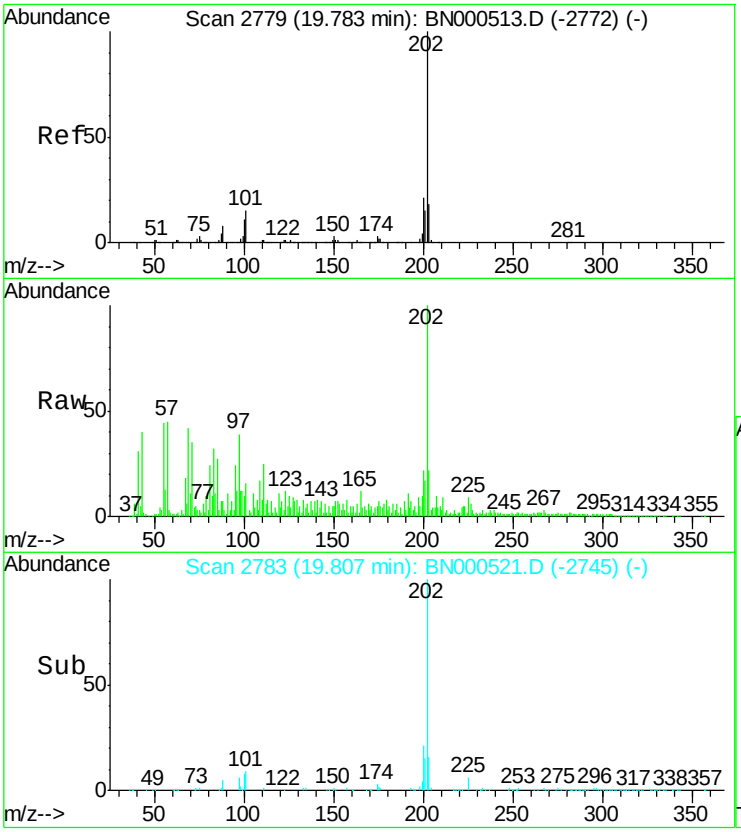


#71
Anthracene
Concen: 2.751 ng/ul
RT: 17.94 min Scan# 2465
Delta R.T. 0.04 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:178 Resp: 106522

Ion	Ratio	Lower	Upper
178	100		
179	42.6	13.4	20.2#
176	22.6	15.4	23.0





#74
Fluoranthene
Concen: 12.137 ng/ul
RT: 19.81 min Scan# 2783
Delta R.T. 0.02 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:202 Resp: 455408

Ion	Ratio	Lower	Upper
202	100		
101	16.0	6.1	9.1#
100	10.1	4.6	7.0#

Instrument :
BNA_N
ClientSampleId :
DAM40MSD

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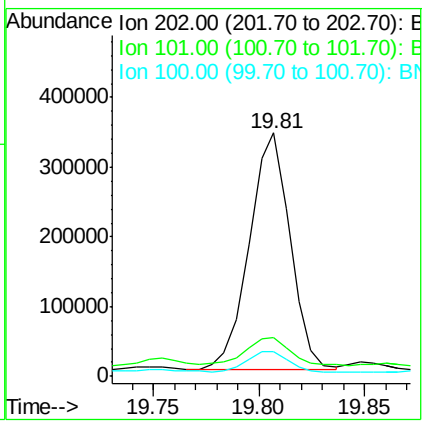
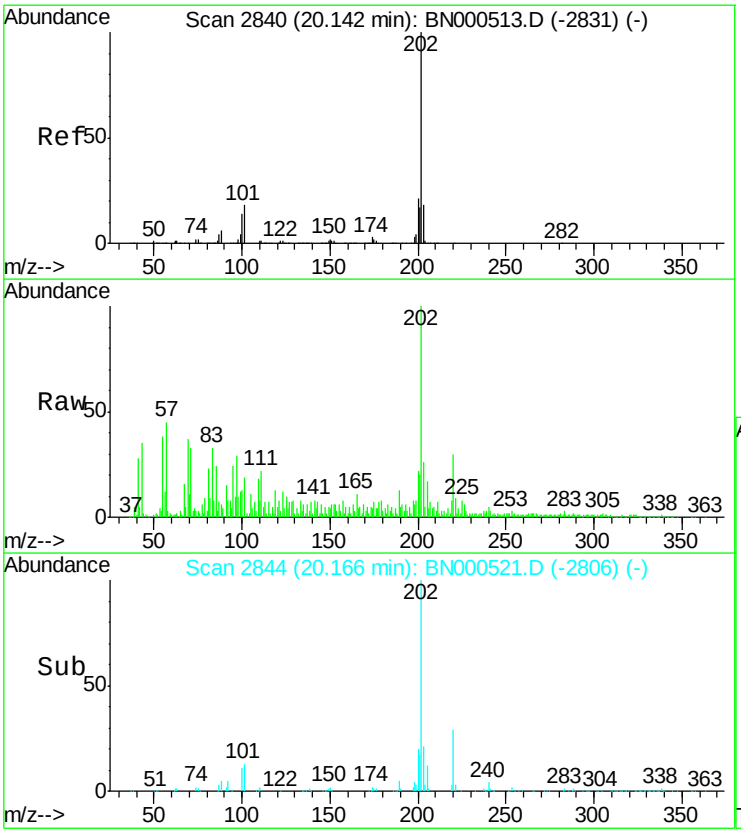
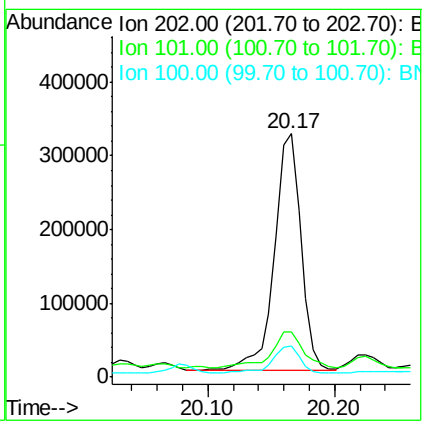


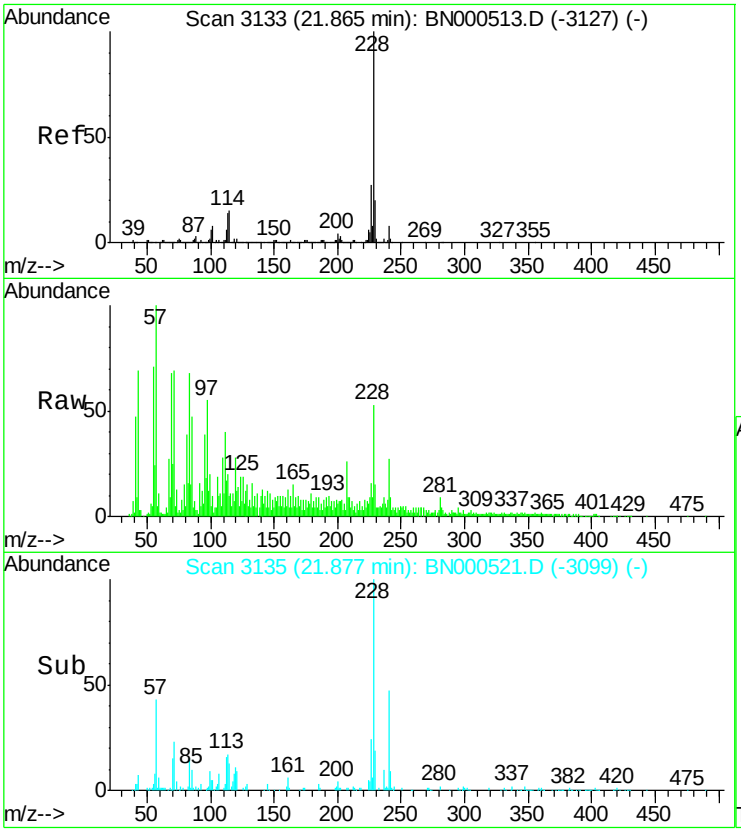


#77
Pyrene
Concen: 10.634 ng/ul
RT: 20.17 min Scan# 2844
Delta R.T. 0.02 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:202 Resp: 464763

Ion	Ratio	Lower	Upper
202	100		
101	18.7	6.9	10.3#
100	12.7	5.6	8.4#

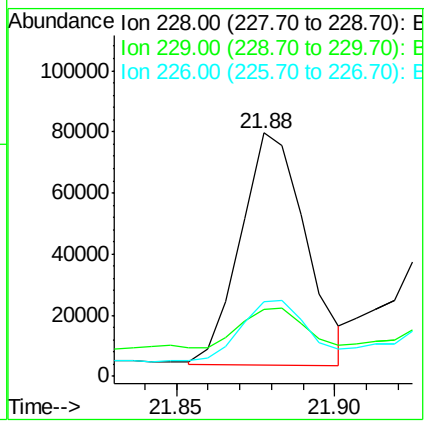




#80
Benzo(a)anthracene
Concen: 2.722 ng/ul
RT: 21.88 min Scan# 3135
Delta R.T. 0.01 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:228 Resp: 108510

Ion	Ratio	Lower	Upper
228	100		
229	27.6	16.0	24.0#
226	30.7	21.8	32.8



Instrument :
BNA_N
ClientSampleId :
DAM40MSD

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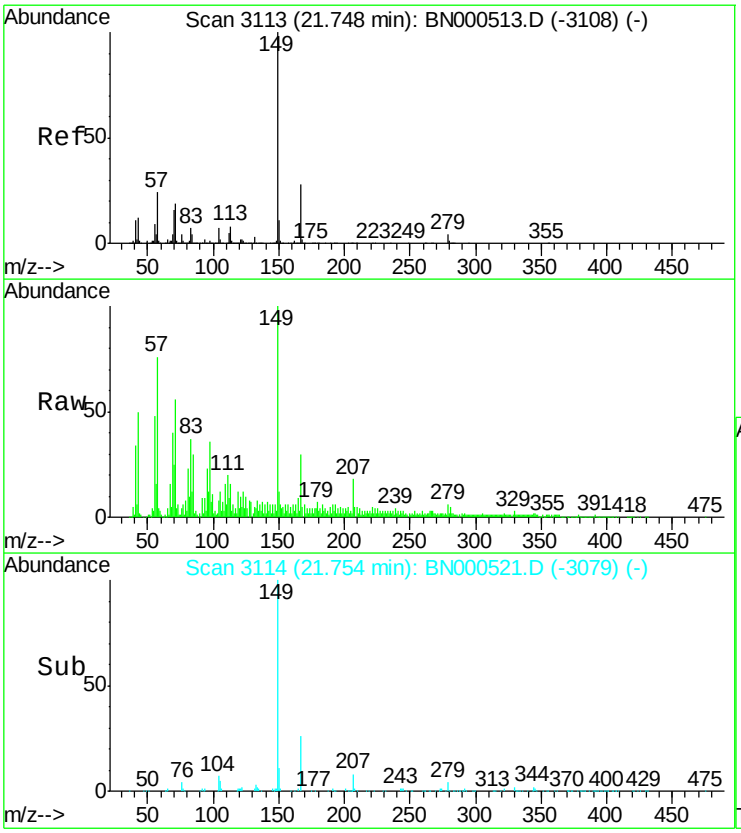
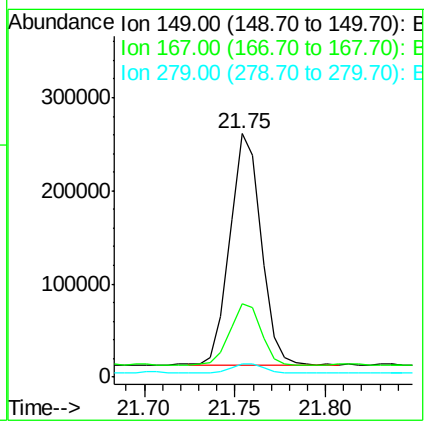
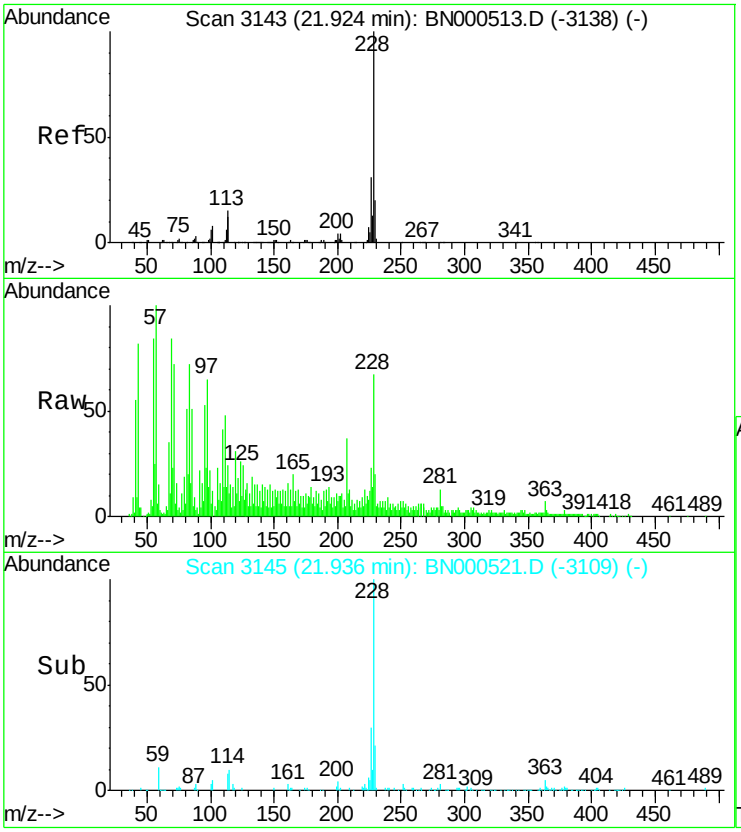


#81
Bis(2-ethylhexyl)phthalate
Concen: 9.403 ng/ul
RT: 21.75 min Scan# 3114
Delta R.T. 0.01 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:149 Resp: 296365

Ion	Ratio	Lower	Upper
149	100		
167	30.4	23.0	34.6
279	5.5	4.3	6.5





#82
Chrysene
Concen: 2.878 ng/ul
RT: 21.94 min Scan# 3145
Delta R.T. 0.01 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:228 Resp: 107556

Ion	Ratio	Lower	Upper
228	100		
226	34.8	24.1	36.1
229	30.7	16.0	24.0#

Instrument :
BNA_N
ClientSampleId :
DAM40MSD

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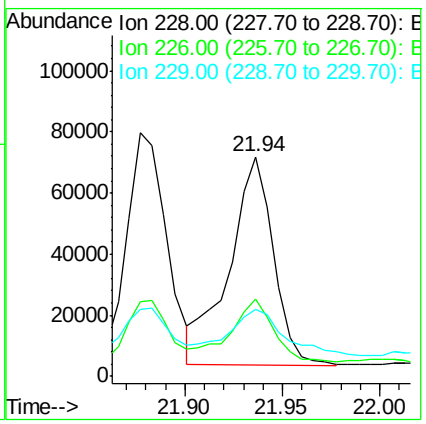
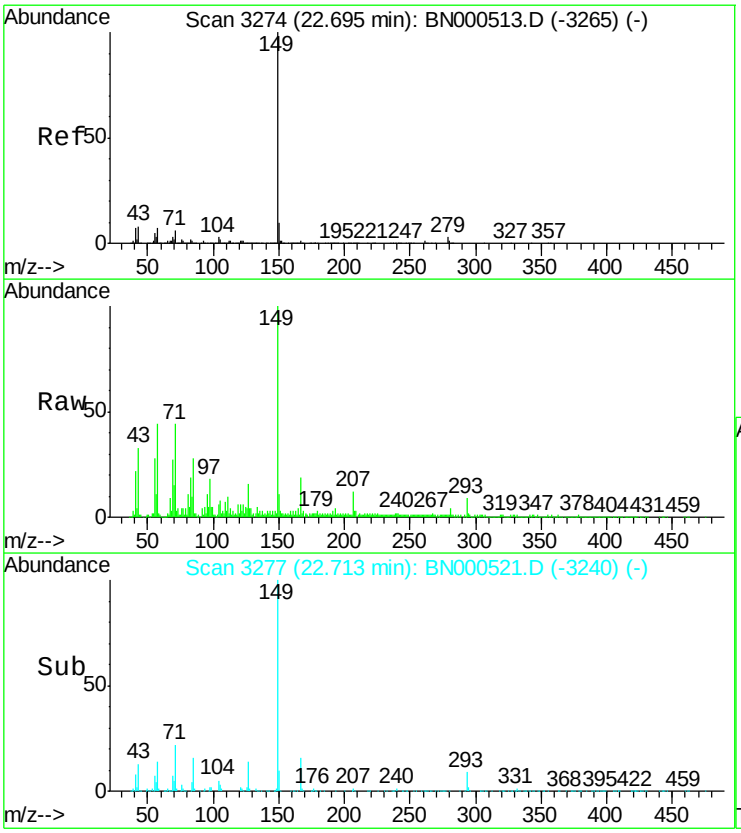
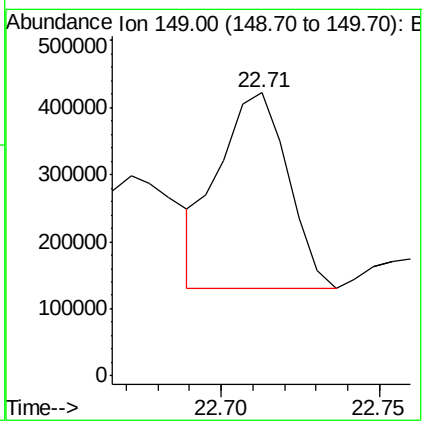
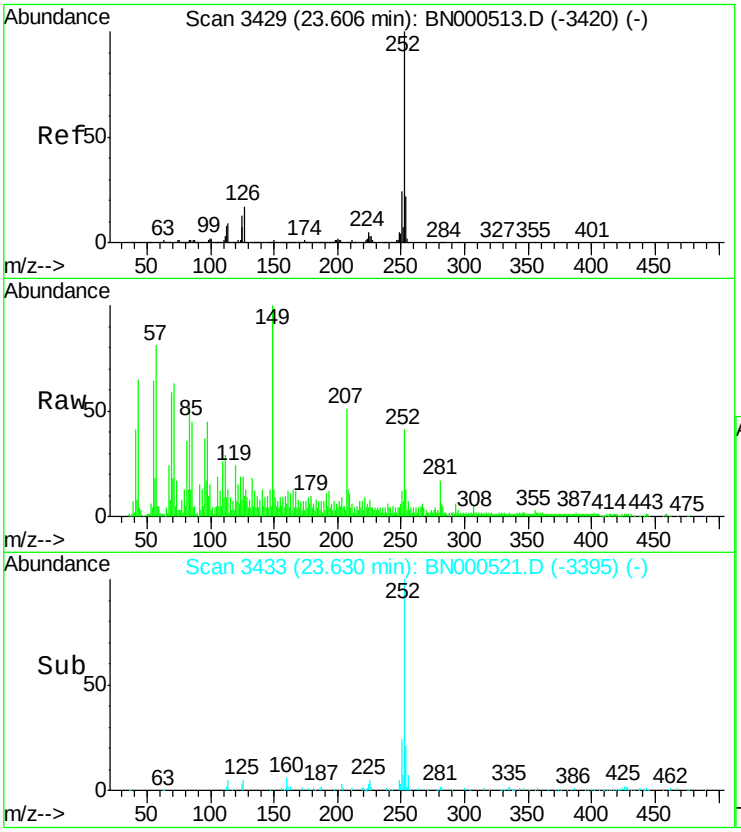




#84
Di-n-octyl phthalate
Concen: 9.569 ng/ul
RT: 22.71 min Scan# 3277
Delta R.T. 0.02 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:149 Resp: 442700

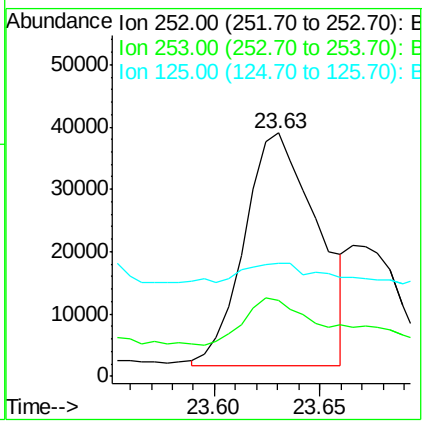




#85
Benzo(b)fluoranthene
Concen: 2.611 ng/ul m
RT: 23.63 min Scan# 3433
Delta R.T. 0.02 min
Lab File: BN000521.D
Acq: 21 Mar 2018 15:52

Tgt Ion:252 Resp: 90668

Ion	Ratio	Lower	Upper
252	100		
253	31.1	17.4	26.0#
125	46.4	4.9	7.3#



Instrument :
BNA_N
ClientSampleId :
DAM40MSD

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