

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004664.D
 Acq On : 08 Mar 2019 07:10
 Operator : JU/SJ
 Sample : K1657-04MSD
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 DB648MSD

Manual Integrations
 APPROVED

Sohil
 3/8/2019 3:59:33 PM

Quant Time: Mar 08 08:22:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 00:36:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	36066	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	176168	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	109797	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	256831	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	271657	20.00	ng/ul	0.00
86) Perylene-d12	23.56	264	223770	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3657	5.72	ng/uL	0.00
5) Phenol-d5	6.88	99	45558	15.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	26572	17.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	42651	16.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	41996	16.20	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	23748	17.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	27590	18.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	47530	16.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	23508	6.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	176067	18.55	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	193883	16.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	23122	13.12	ng/ul	0.00
58) Fluorene-d10	15.36	176	144986	17.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	27917	15.75	ng/ul	0.00
71) Anthracene-d10	17.21	188	219173	17.52	ng/ul	0.00
79) Pyrene-d10	19.51	212	230672	17.38	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	170292	14.17	ng/ul	-0.01

Target Compounds

					Ovalue
6) Phenol	6.91	94	49737	16.398	ng/ul 100
10) 2-Chlorophenol	7.28	128	42023	16.105	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.52	70	35221	19.194	ng/ul 98
33) 4-Chloro-3-methylphenol	11.79	107	51434	16.767	ng/ul 99
45) Dimethylphthalate	13.82	163	27020	2.901	ng/ul 99
50) Acenaphthene	14.43	153	131426	17.217	ng/ul 99
53) 4-Nitrophenol	14.57	109	19863	15.515	ng/ul 98
55) 2,4-Dinitrotoluene	14.73	165	52296	18.772	ng/ul 100
69) Pentachlorophenol	16.76	266	35438	15.718	ng/ul 98
70) Phenanthrene	17.15	178	28875	2.022	ng/ul 99
77) Fluoranthene	19.17	202	69317	4.210	ng/ul 99
80) Pyrene	19.54	202	334494	20.310	ng/ul 100
83) Benzo(a)anthracene	21.29	228	37813	2.213	ng/ul 98
85) Chrysene	21.34	228	34988	2.205	ng/ul 97
88) Benzo(b)fluoranthene	22.88	252	44454	3.201	ng/ul 99
89) Benzo(k)fluoranthene	22.92	252	15429m	1.130	ng/ul
91) Benzo(a)pyrene	23.46	252	23730	1.816	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.83	276	15784	1.109	ng/ul 96

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

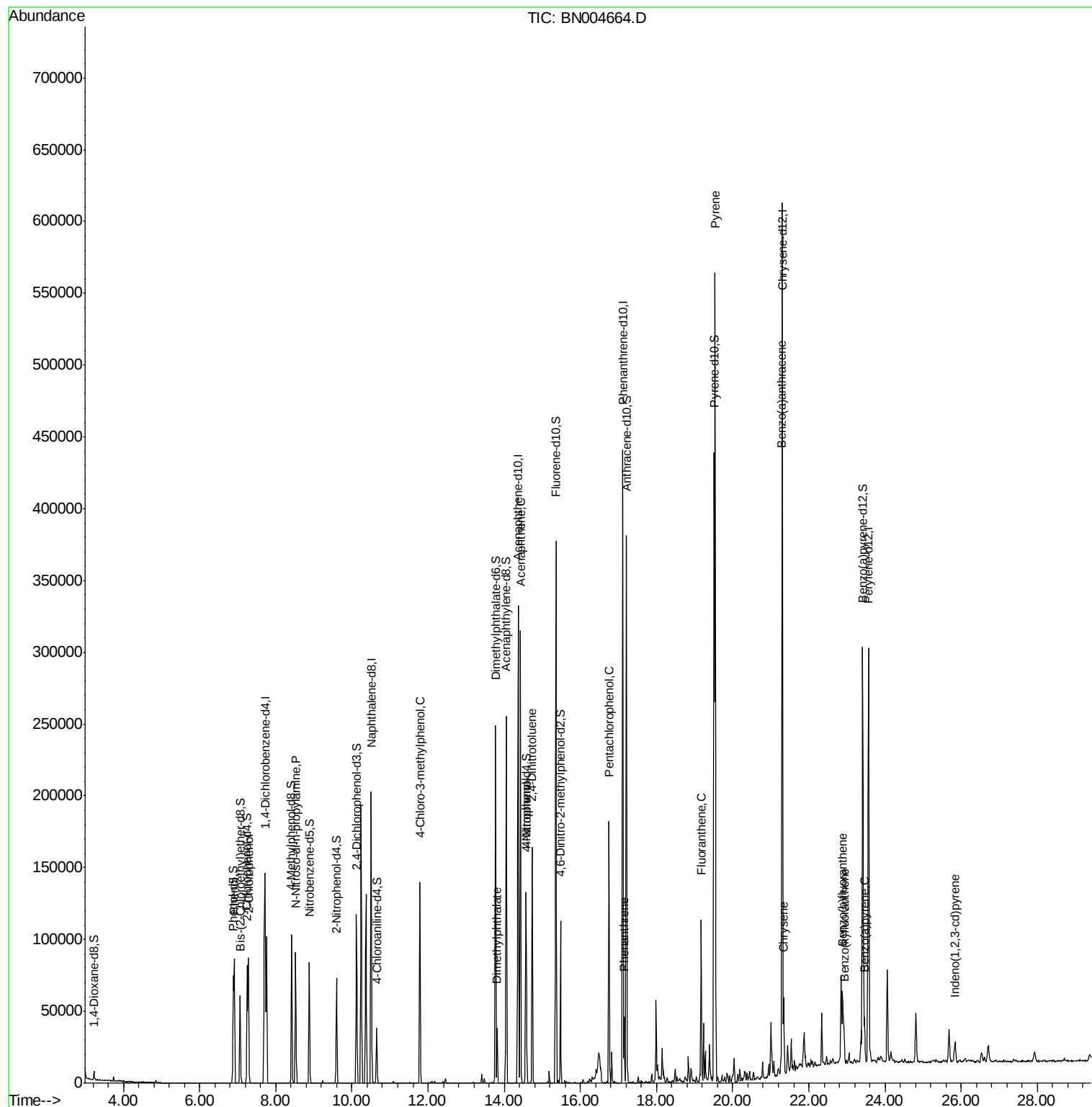
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
Data File : BN004664.D
Acq On : 08 Mar 2019 07:10
Operator : JU/SJ
Sample : K1657-04MSD
Misc :
ALS Vial : 33 Sample Multiplier: 1

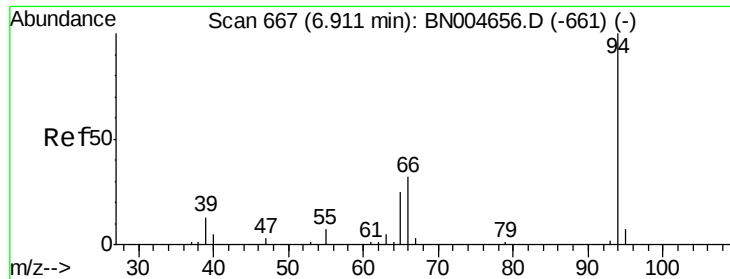
Instrument :
BNA_N
ClientSampleId :
DB648MSD

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Quant Time: Mar 08 08:22:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030719MA.M
Quant Title : SVOA CALIBRATION
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#6

Phenol

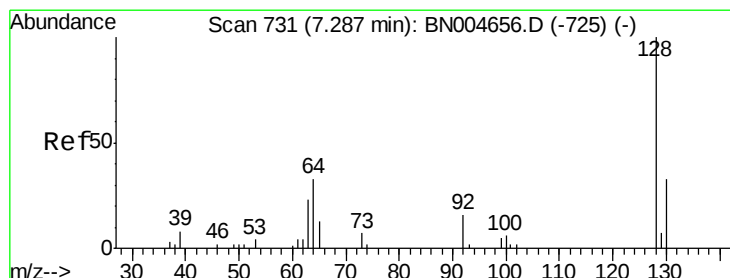
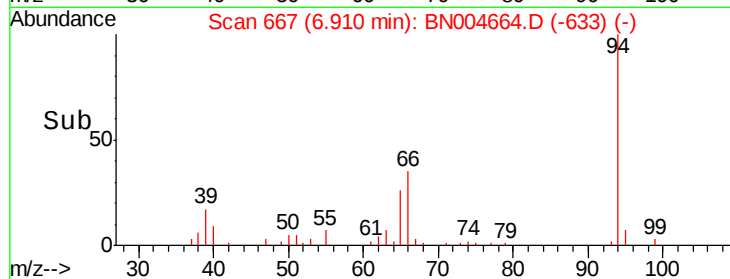
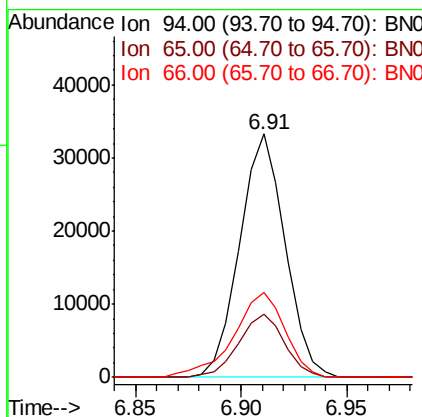
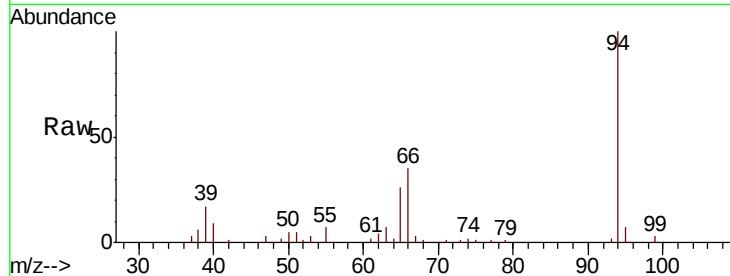
Concen: 16.398 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BN004664.D
 Acq: 08 Mar 2019 07:10

Instrument :
 BNA_N
 ClientSampleId :
 DB648MSD

Tot Ion:	94	Resp:	49737
Ion	Ratio	Lower	Upper
94	100		
65	25.7	20.2	30.4
66	35.1	28.2	42.2

Manual Integrations
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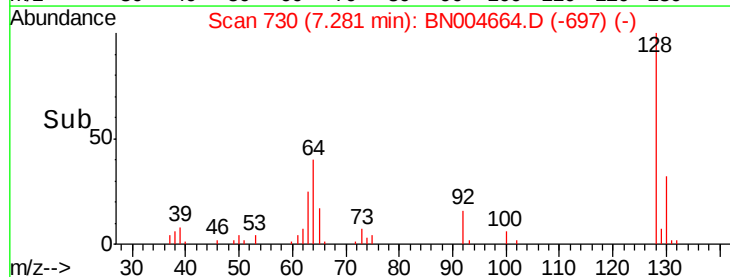
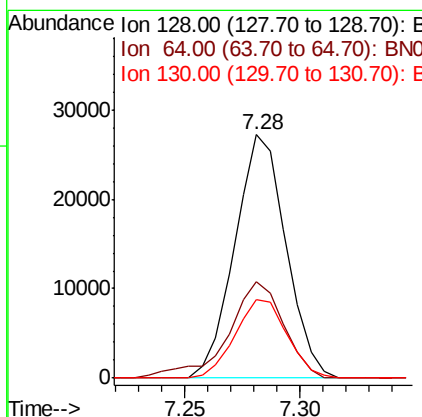
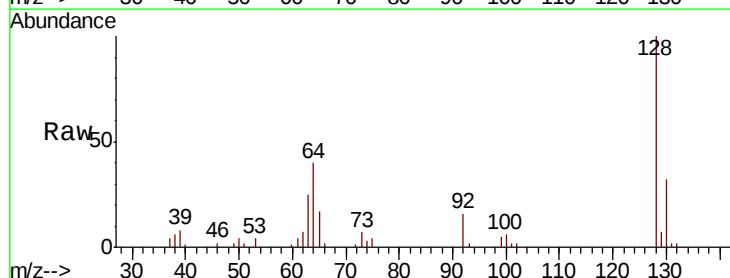


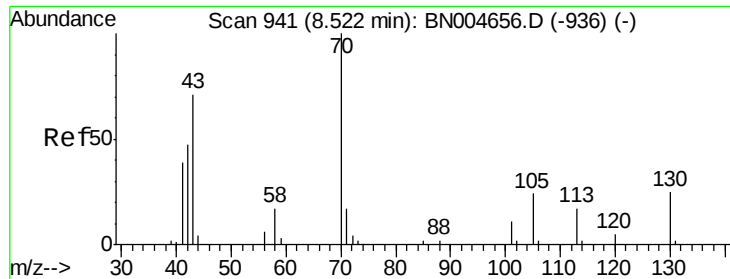
#10

2-Chlorophenol

Concen: 16.105 ng/ul
 RT: 7.28 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BN004664.D
 Acq: 08 Mar 2019 07:10

Tgt Ion:	128	Resp:	42023
Ion	Ratio	Lower	Upper
128	100		
64	39.6	31.0	46.6
130	32.3	26.1	39.1





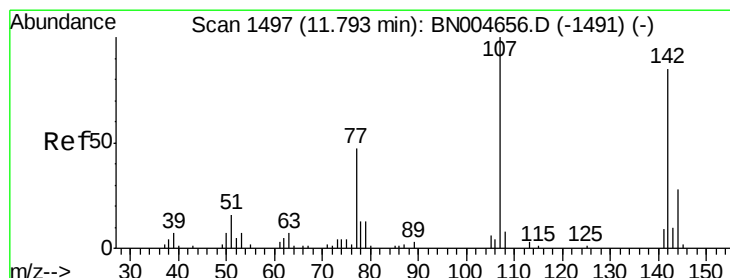
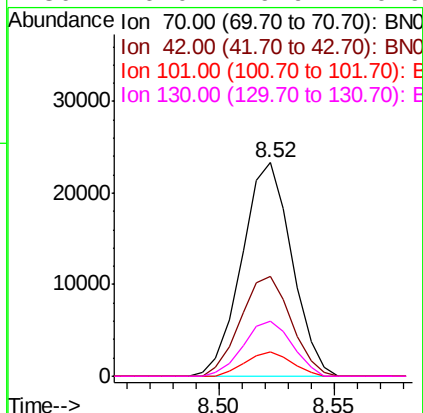
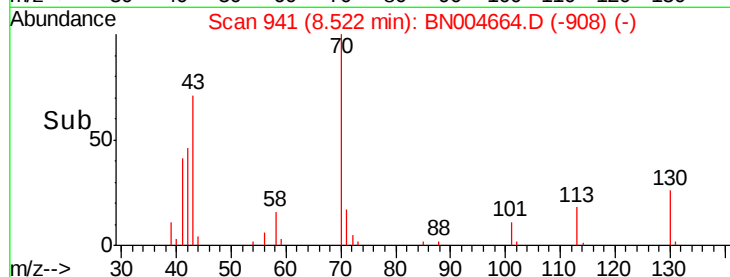
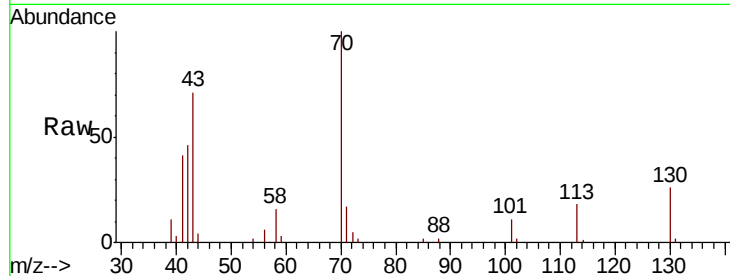
#15
N-Nitroso-di-n-propylamine
Concen: 19.194 ng/ul
RT: 8.52 min Scan# 941
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

Instrument :
BNA_N
ClientSampleId :
DB648MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.5	38.6	58.0
101	11.2	8.4	12.6
130	26.0	19.9	29.9

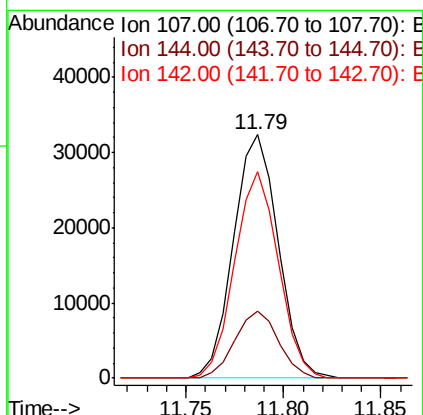
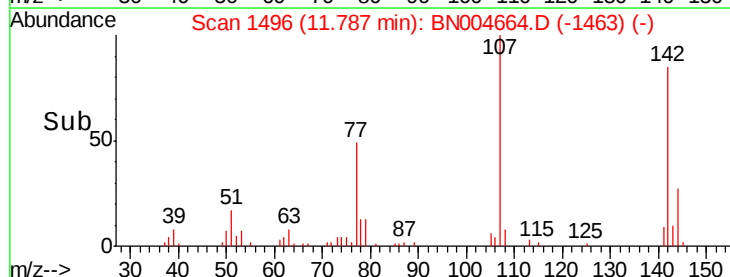
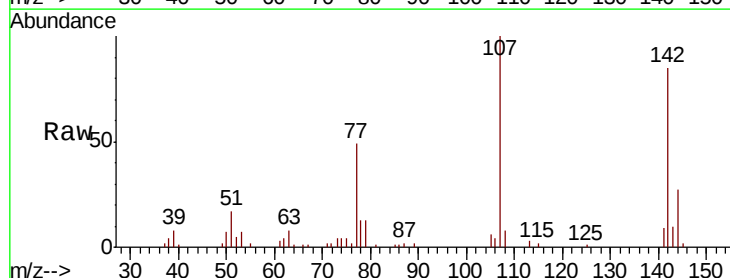
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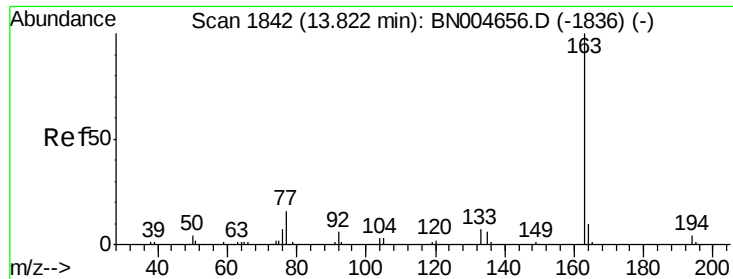
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#33
4-Chloro-3-methylphenol
Concen: 16.767 ng/ul
RT: 11.79 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.3	22.2	33.4
142	85.1	67.4	101.0





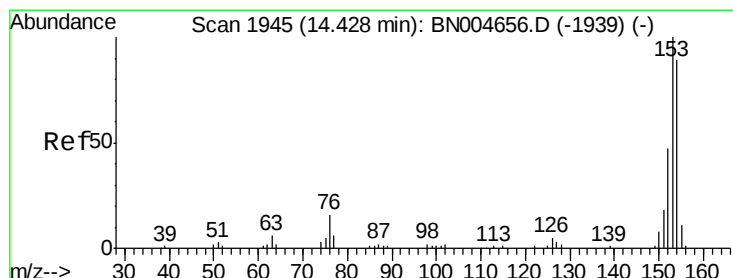
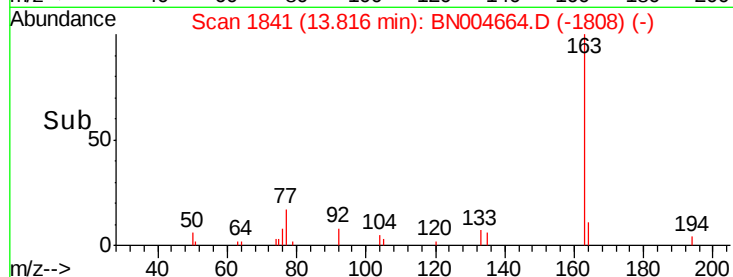
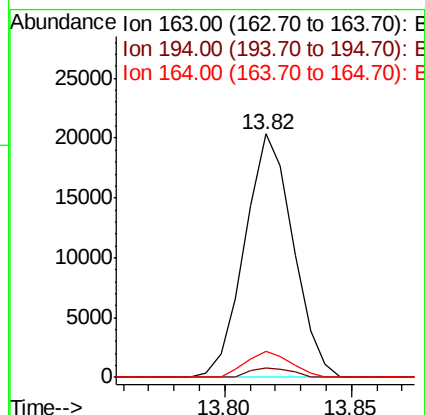
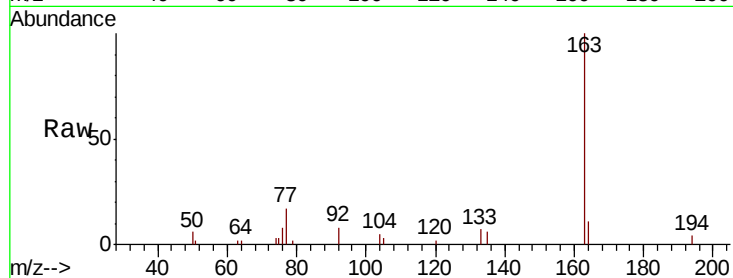
#45
Dimethylphthalate
Concen: 2.901 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

Instrument :
BNA_N
ClientSampled :
DB648MSD

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.5	7.9	11.9

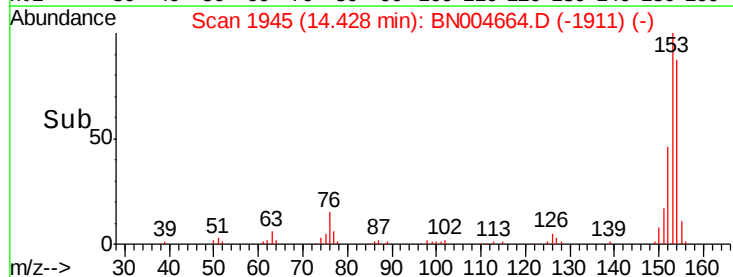
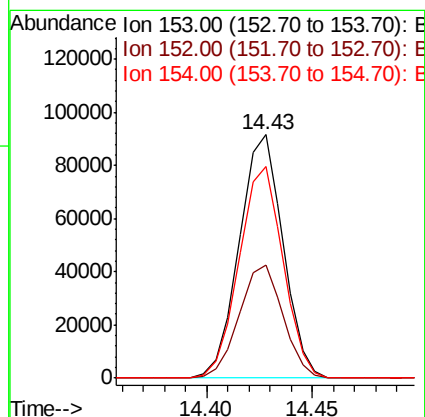
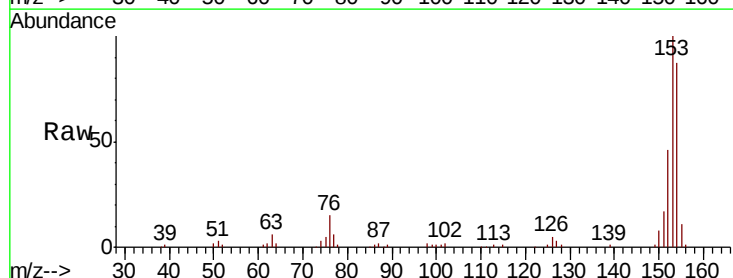
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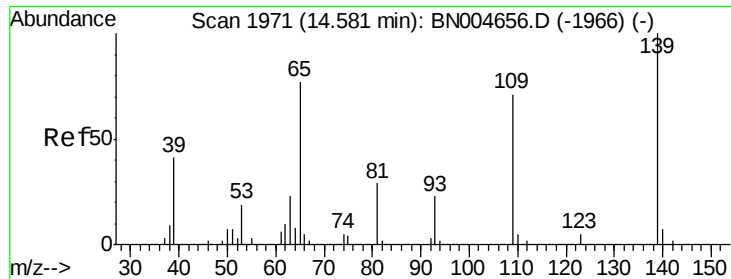
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#50
Acenaphthene
Concen: 17.217 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.5	37.8	56.6
154	86.8	70.0	105.0





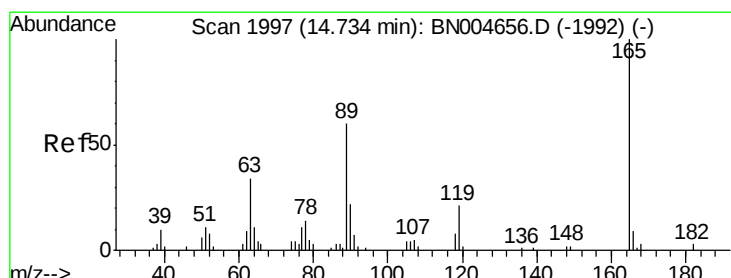
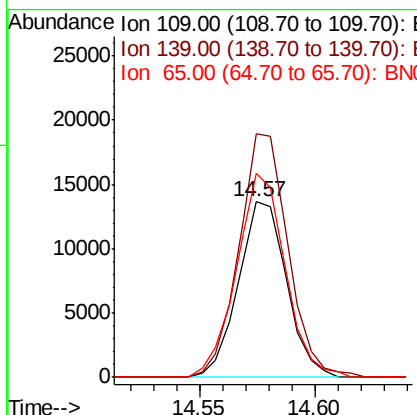
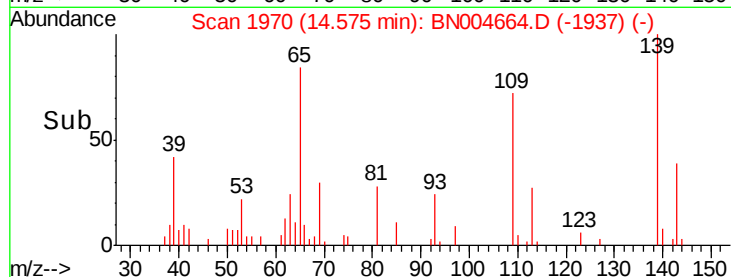
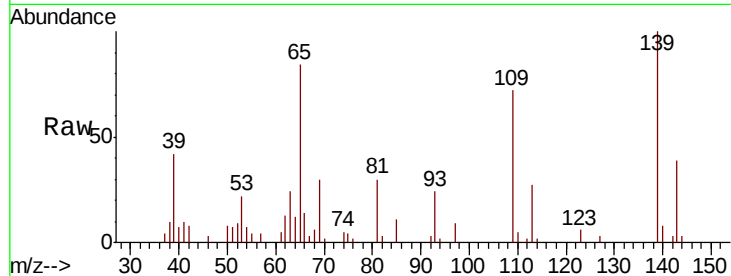
#53
4-Nitrophenol
Concen: 15.515 ng/ul
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

Instrument :
BNA_N
ClientSampleId :
DB648MSD

Tot Ion	Ratio	Lower	Upper
109	100		
139	139.0	112.1	168.1
65	116.5	90.3	135.5

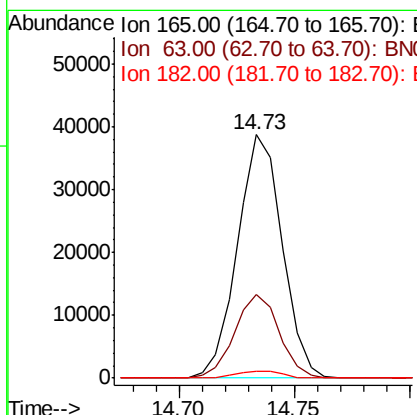
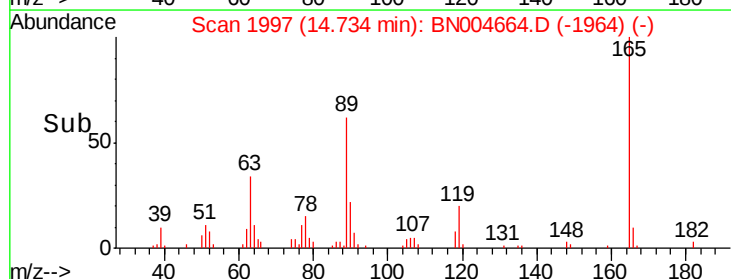
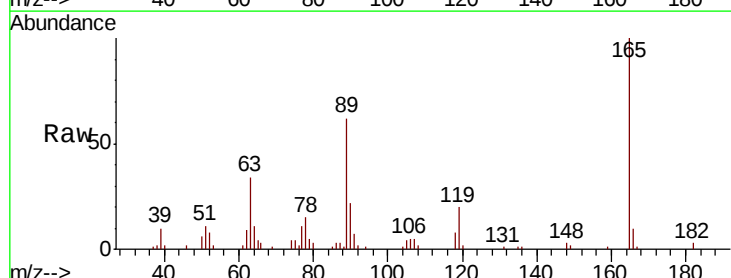
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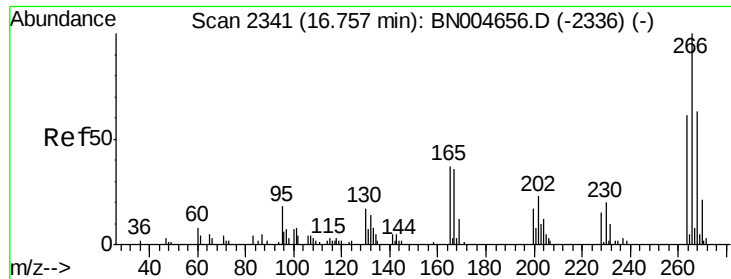
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#55
2,4-Dinitrotoluene
Concen: 18.772 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	34.4	27.6	41.4
182	3.0	2.3	3.5





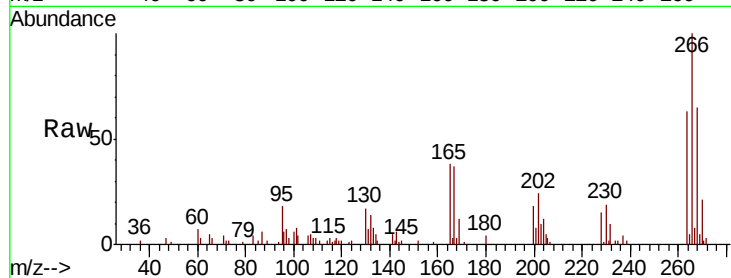
#69
 Pentachlorophenol
 Concen: 15.718 ng/ul
 RT: 16.76 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BN004664.D
 Acq: 08 Mar 2019 07:10

Instrument :
 BNA_N
 ClientSampleId :
 DB648MSD

Tot Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.3	75.5
268	65.1	49.6	74.4

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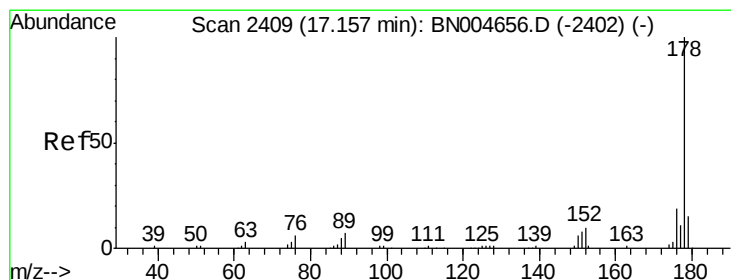
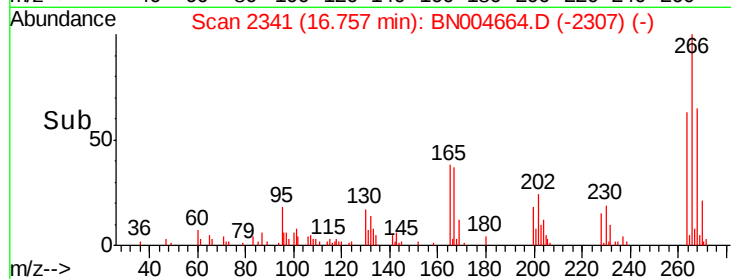
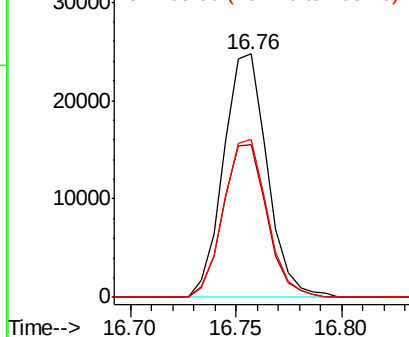


Abundance

Ion 265.70 (265.40 to 266.40): E

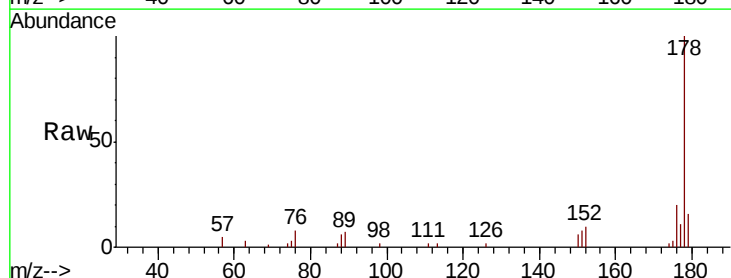
Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#70
 Phenanthrene
 Concen: 2.022 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BN004664.D
 Acq: 08 Mar 2019 07:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.5	15.4	23.0

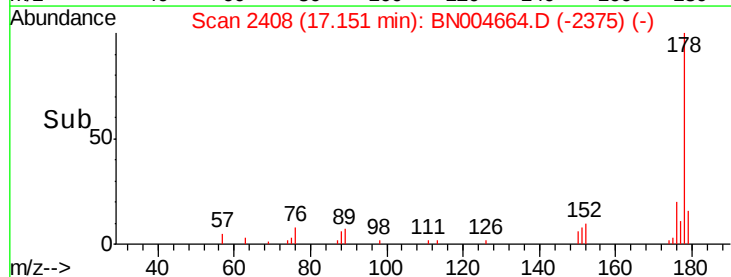
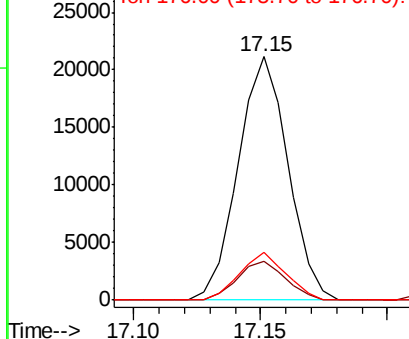


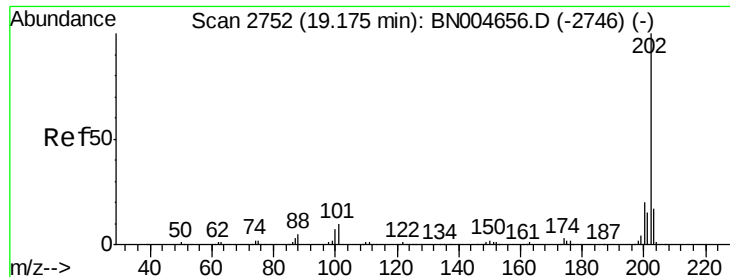
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#77

Fluoranthene

Concen: 4.210 ng/ul

RT: 19.17 min Scan# 2751

Delta R.T. -0.01 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

Instrument :

BNA_N

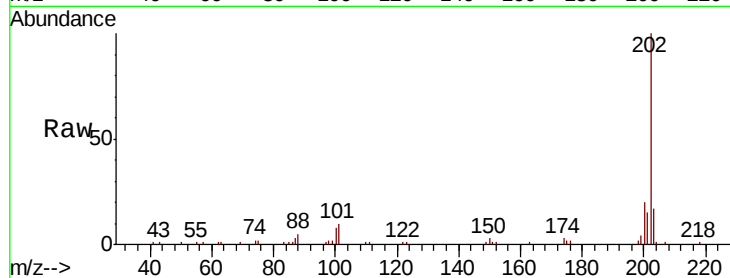
ClientSampled :

DB648MSD

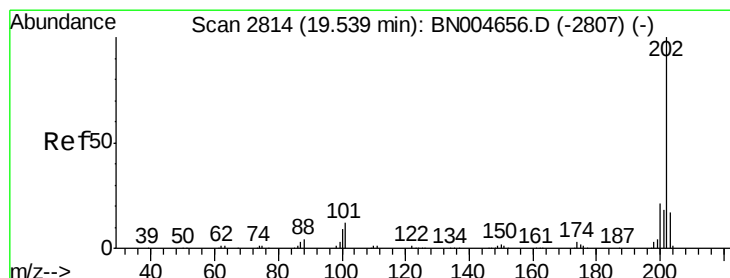
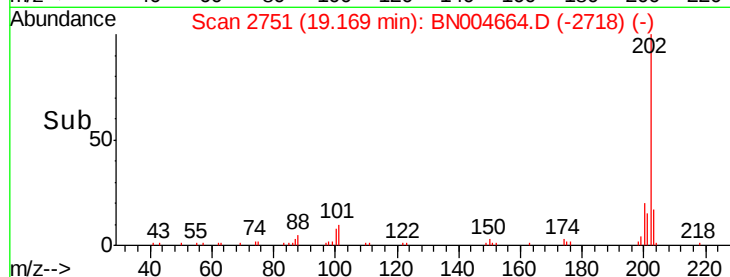
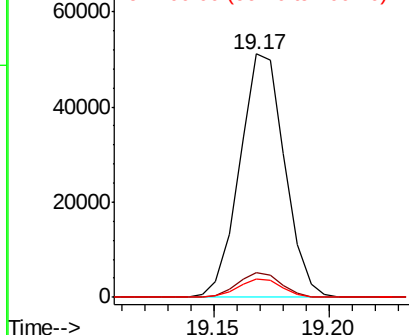
Tot Ion:	202	Resp:	69317
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.2	12.4
100	7.6	6.6	9.8

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 20.310 ng/ul

RT: 19.54 min Scan# 2814

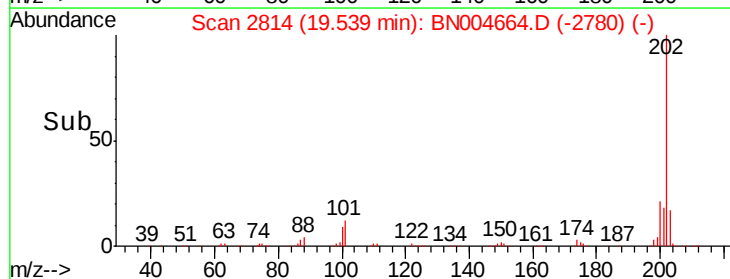
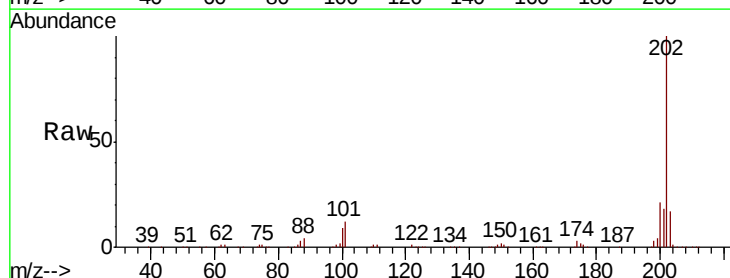
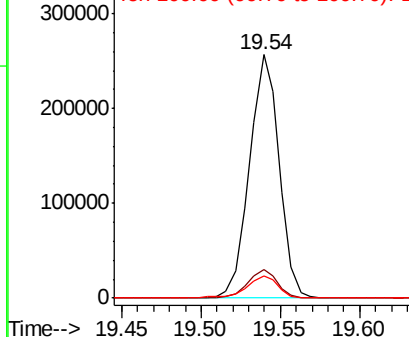
Delta R.T. -0.00 min

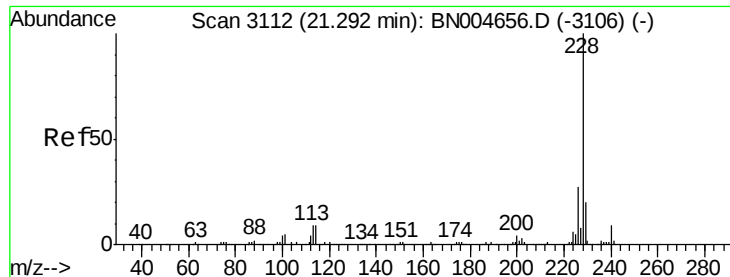
Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

Tgt Ion:	202	Resp:	334494
Ion Ratio	Lower	Upper	
202	100		
101	11.5	9.2	13.8
100	9.2	7.5	11.3

Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B





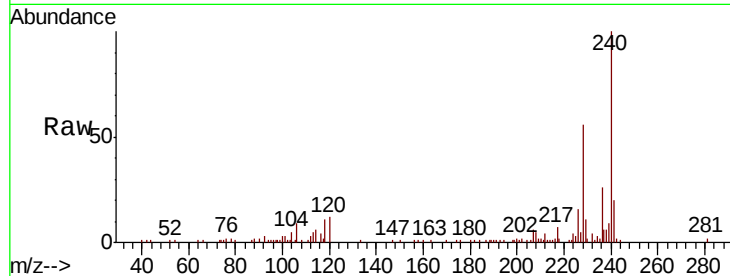
#83
Benzo(a)anthracene
Concen: 2.213 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

Instrument :
BNA_N
ClientSampleId :
DB648MSD

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.4	23.2
226	28.1	21.4	32.2

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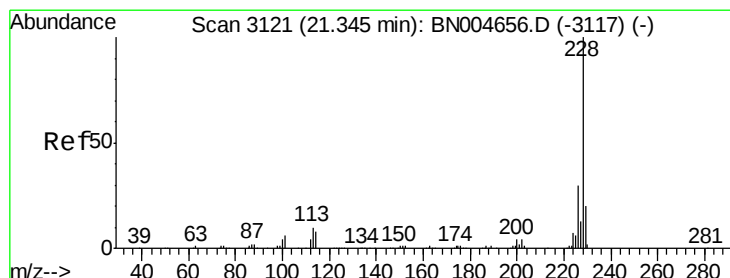
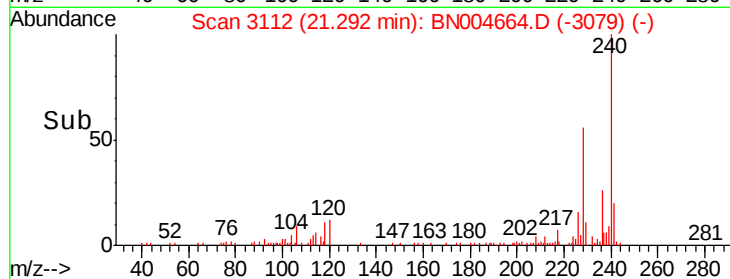
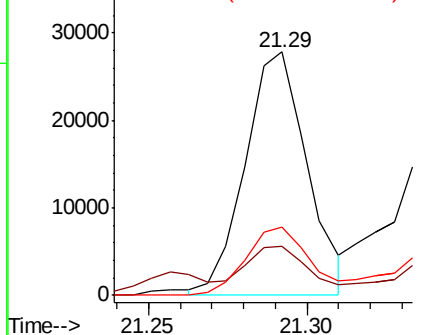


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#85
Chrysene
Concen: 2.205 ng/ul
RT: 21.34 min Scan# 3120
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

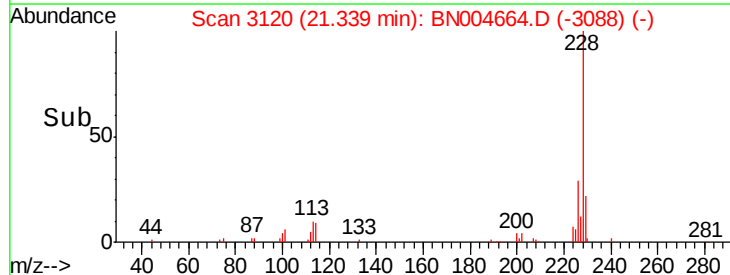
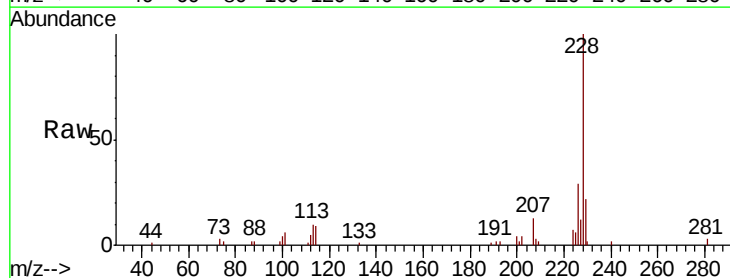
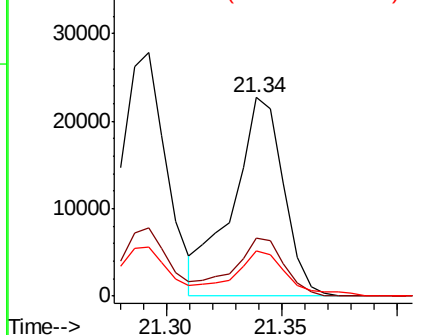
Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.0	36.0
229	22.5	15.7	23.5

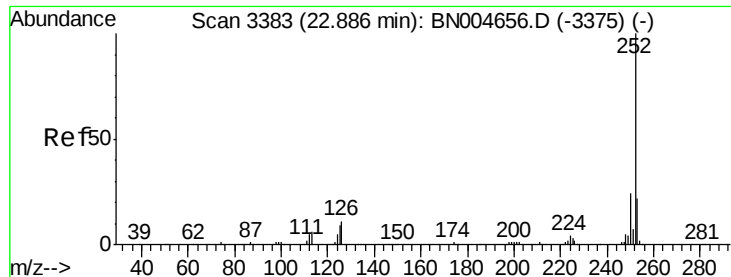
Abundance

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





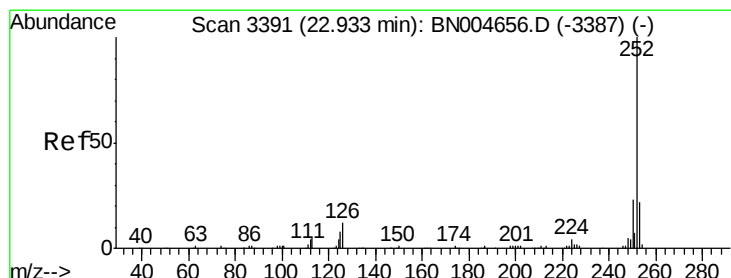
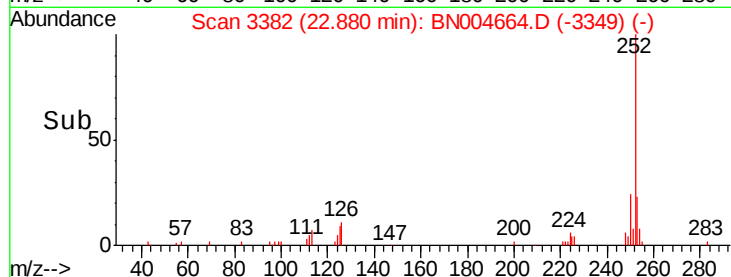
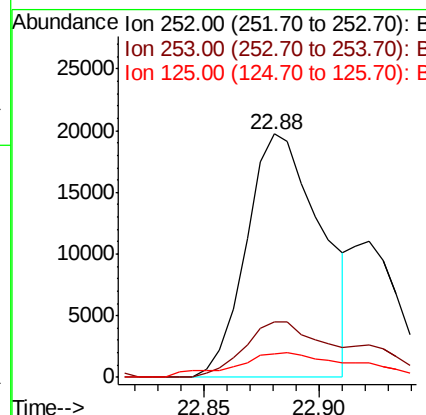
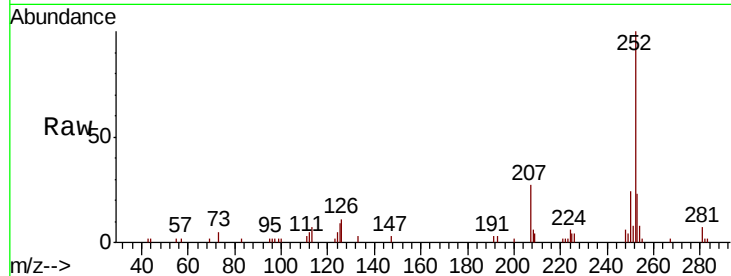
#88
Benzo(b)fluoranthene
Concen: 3.201 ng/ul
RT: 22.88 min Scan# 3382
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

Instrument :
BNA_N
ClientSampleId :
DB648MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	9.5	7.4	11.2

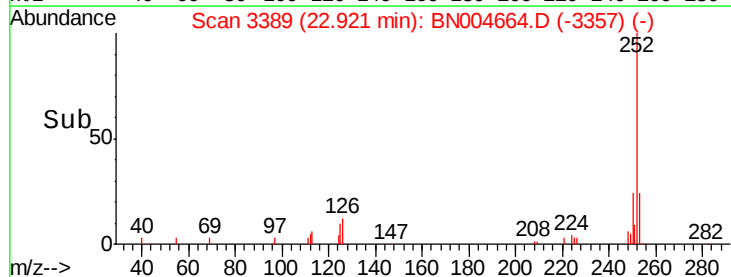
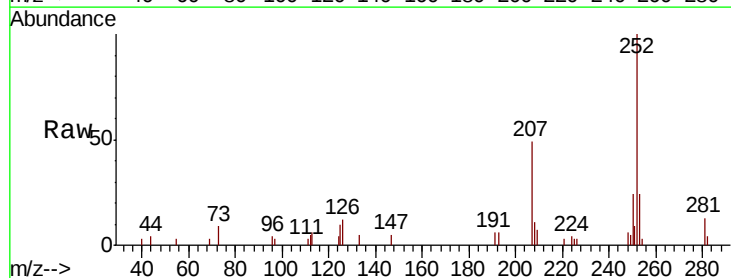
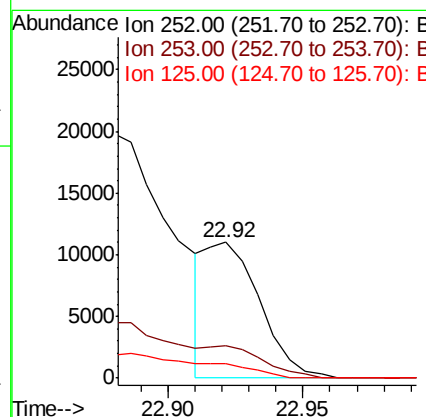
Manual Integrations
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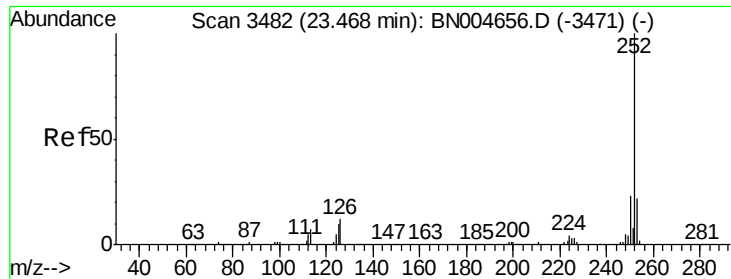
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#89
Benzo(k)fluoranthene
Concen: 1.130 ng/ul m
RT: 22.92 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BN004664.D
Acq: 08 Mar 2019 07:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.2
125	10.3	7.4	11.0





#91

Benzo(a)pyrene

Concen: 1.816 ng/ul

RT: 23.46 min Scan# 3481

Delta R.T. -0.01 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

Instrument :

BNA_N

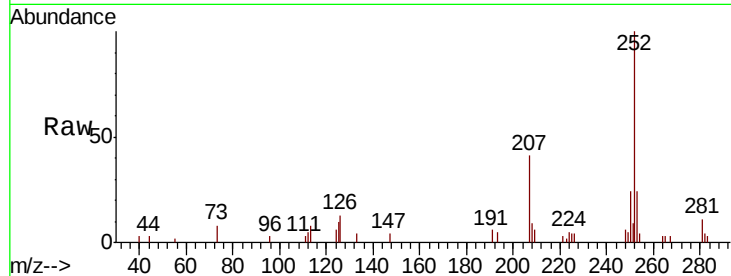
ClientSampled :

DB648MSD

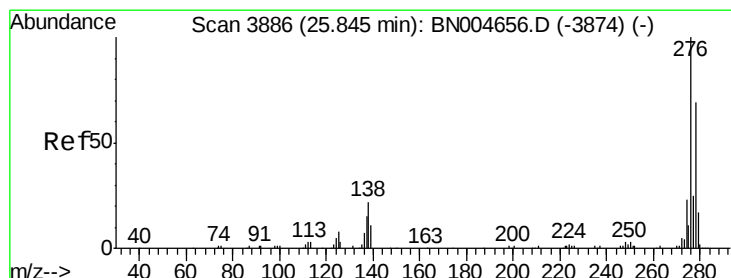
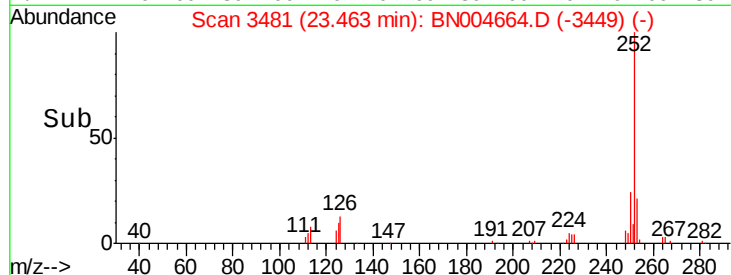
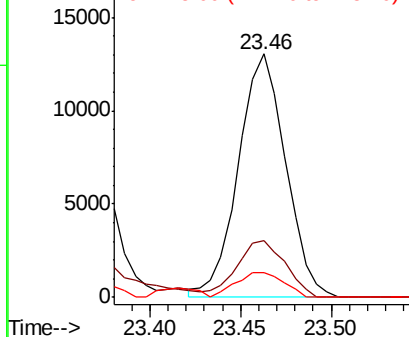
Tot Ion:	252	Resp:	23730
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.6	26.4
125	10.1	8.4	12.6

Manual Integrations
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.109 ng/ul

RT: 25.83 min Scan# 3884

Delta R.T. -0.02 min

Lab File: BN004664.D

Acq: 08 Mar 2019 07:10

Tgt Ion:	276	Resp:	15784
Ion Ratio	Lower	Upper	
276	100		
138	19.4	18.7	28.1
277	24.7	19.8	29.8

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

