

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030719\
 Data File : BN004654.D
 Acq On : 08 Mar 2019 01:20
 Operator : JU/SJ
 Sample : K1657-03MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DB648MS

Manual Integrations
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Quant Time: Mar 08 03:08:17 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	38714	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	183915	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	114436	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.11	188	269869	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	314375	20.00	ng/ul	0.00
86) Perylene-d12	23.57	264	287789	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	3961	5.77	ng/uL	0.00
5) Phenol-d5	6.88	99	49692	15.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	29282	17.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	47542	17.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	43083	15.48	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	25023	17.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	29015	18.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	50052	16.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	25467	7.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	180723	18.26	ng/ul	0.00
47) Acenaphthylene-d8	14.06	160	205618	17.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	23059	12.56	ng/ul	0.00
58) Fluorene-d10	15.36	176	149438	17.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.48	200	28738	15.43	ng/ul	0.00
71) Anthracene-d10	17.21	188	231318	17.60	ng/ul	0.00
79) Pyrene-d10	19.51	212	262360	17.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.42	264	243394	15.75	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.91	94	49045	15.064	ng/ul 99
10) 2-Chlorophenol	7.28	128	41460	14.803	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.52	70	32575	16.538	ng/ul 99
33) 4-Chloro-3-methylphenol	11.79	107	47759	14.913	ng/ul 99
45) Dimethylphthalate	13.82	163	24627	2.537	ng/ul 100
50) Acenaphthene	14.43	153	123972	15.582	ng/ul 99
53) 4-Nitrophenol	14.57	109	18240	13.670	ng/ul 99
55) 2,4-Dinitrotoluene	14.73	165	46465	16.002	ng/ul 99
69) Pentachlorophenol	16.76	266	33810	14.271	ng/ul 98
70) Phenanthrene	17.15	178	50216	3.346	ng/ul 99
77) Fluoranthene	19.17	202	106632	6.163	ng/ul 99
80) Pyrene	19.54	202	370420	19.435	ng/ul 99
83) Benzo(a)anthracene	21.29	228	56380	2.851	ng/ul 99
85) Chrysene	21.35	228	55506	3.022	ng/ul 97
88) Benzo(b)fluoranthene	22.89	252	74137	4.150	ng/ul 99
89) Benzo(k)fluoranthene	22.92	252	20701m	1.179	ng/ul
91) Benzo(a)pyrene	23.47	252	40924	2.435	ng/ul 99
92) Indeno(1,2,3-cd)pyrene	25.84	276	23150	1.265	ng/ul 96
94) Benzo(g,h,i)perylene	26.54	276	17576	1.181	ng/ul 95

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

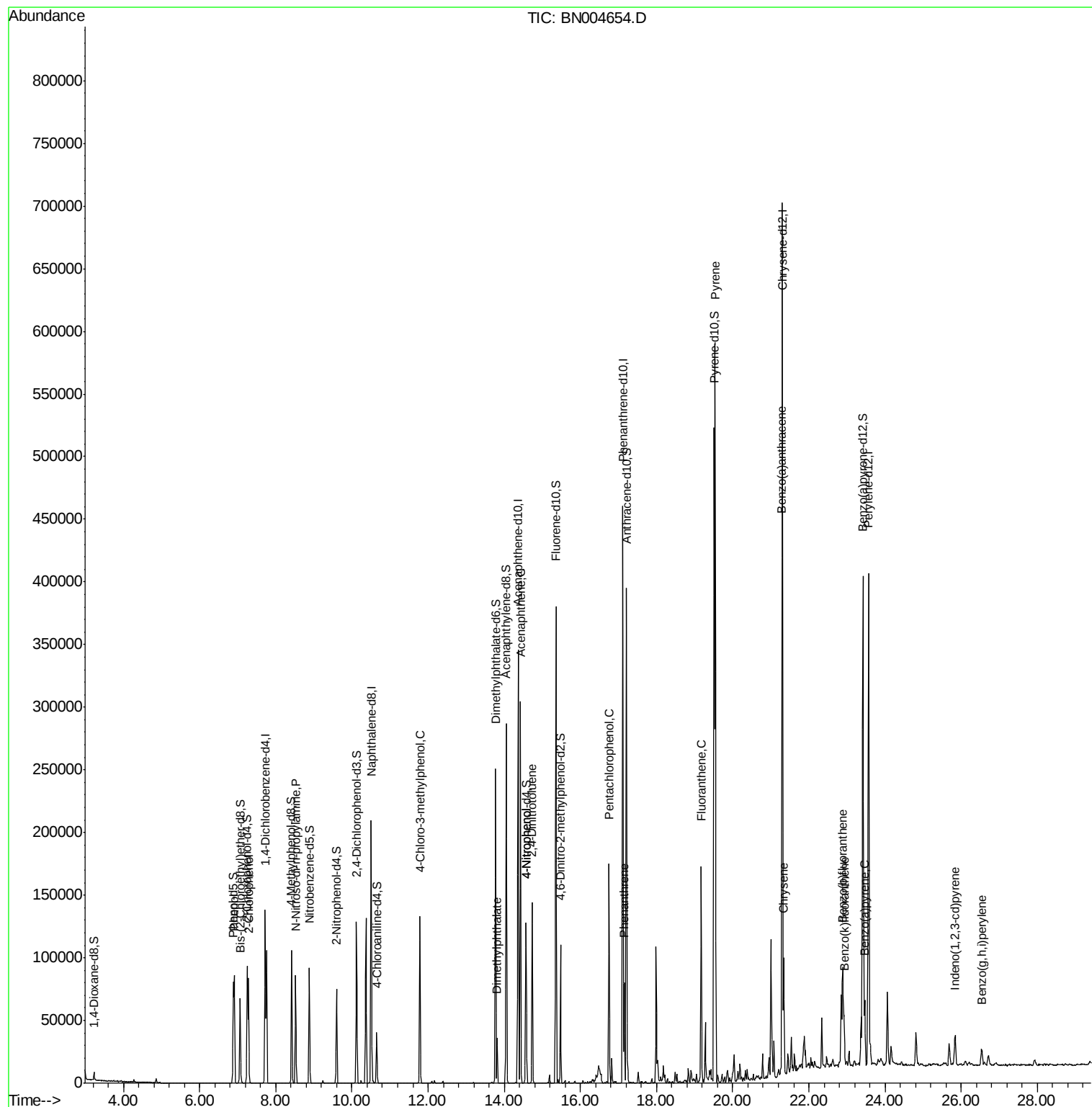
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN030719\
Data File : BN004654.D
Acq On : 08 Mar 2019 01:20
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ALS Vial : 24 Sample Multiplier: 1

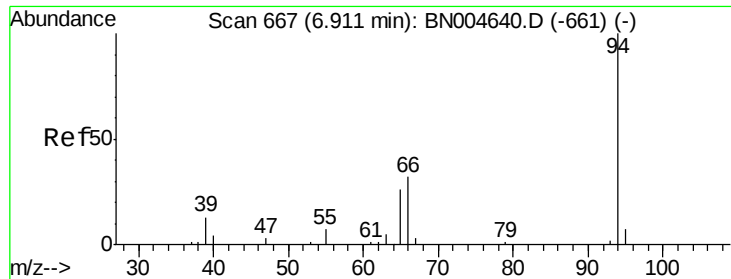
Instrument :
BNA_N
ClientSampleId :
DB648MS

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Quant Time: Mar 08 03:08:17 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
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#6

Phenol

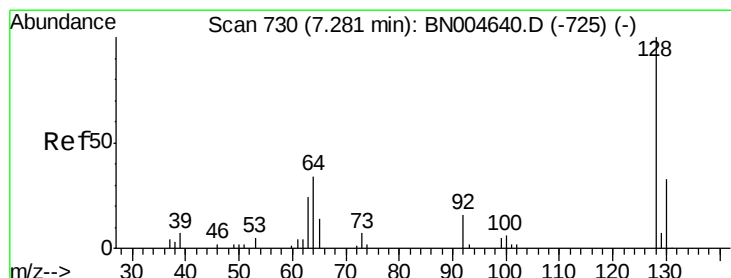
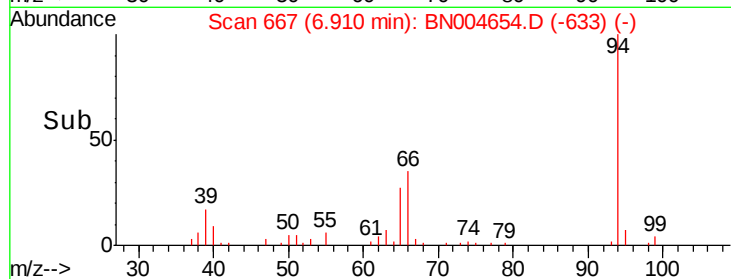
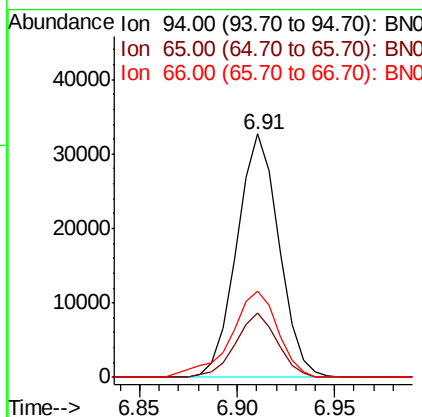
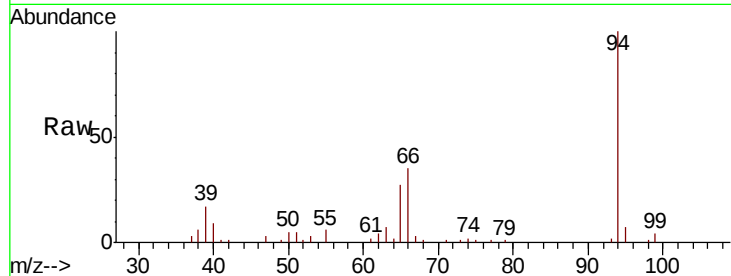
Concen: 15.064 ng/ul
 RT: 6.91 min Scan# 667
 Delta R.T. -0.00 min
 Lab File: BN004654.D
 Acq: 08 Mar 2019 01:20

Instrument :
 BNA_N
 ClientSampleId :
 DB648MS

Tot Ion:	94	Resp:	49045
Ion	Ratio	Lower	Upper
94	100		
65	26.5	20.2	30.4
66	35.3	28.2	42.2

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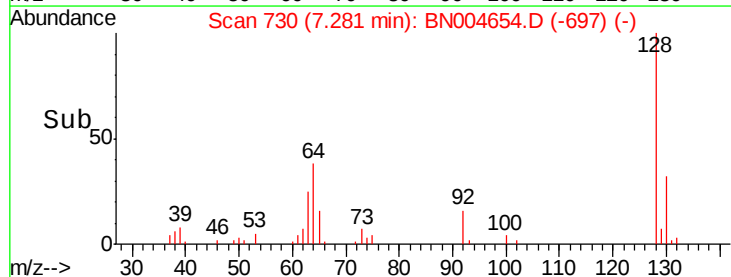
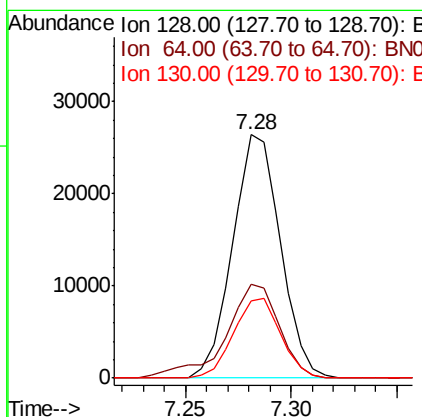
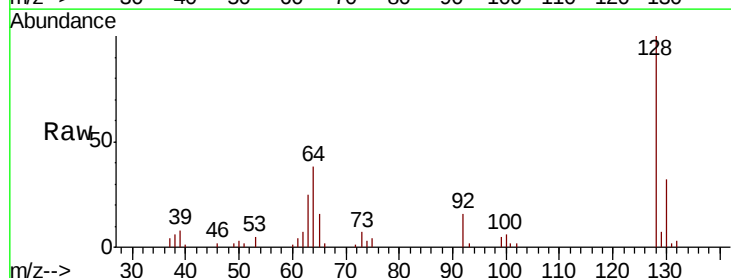


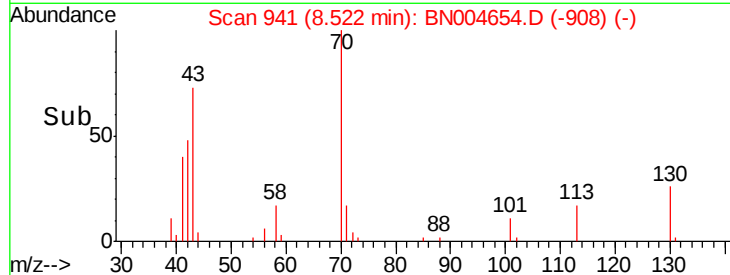
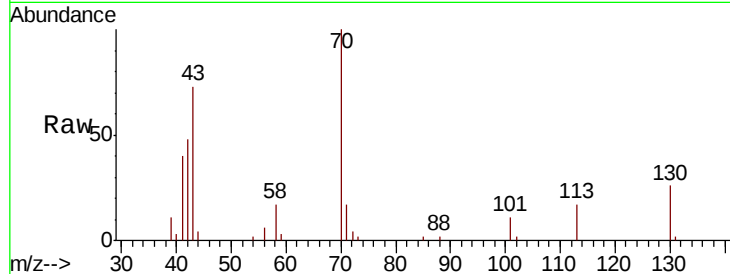
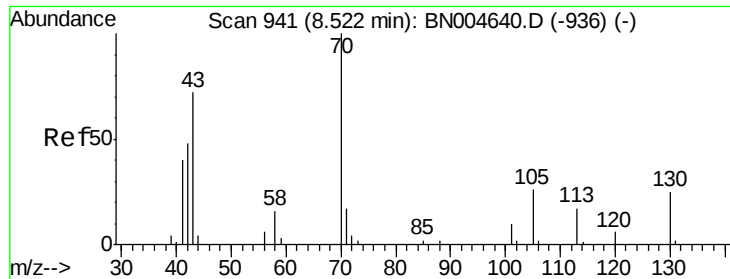
#10

2-Chlorophenol

Concen: 14.803 ng/ul
 RT: 7.28 min Scan# 730
 Delta R.T. -0.01 min
 Lab File: BN004654.D
 Acq: 08 Mar 2019 01:20

Tgt Ion:	128	Resp:	41460
Ion	Ratio	Lower	Upper
128	100		
64	38.4	31.0	46.6
130	31.8	26.1	39.1





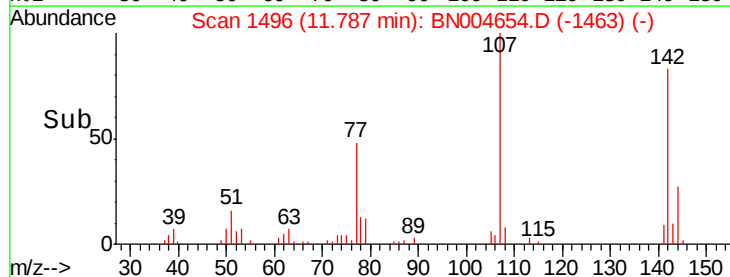
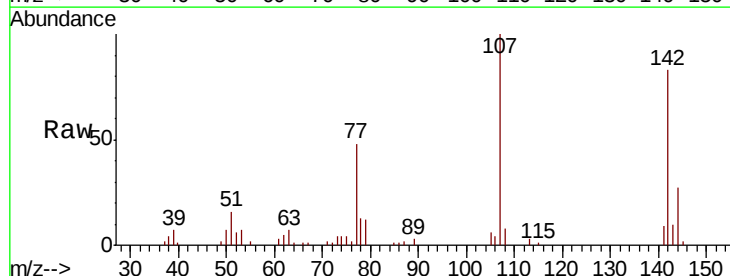
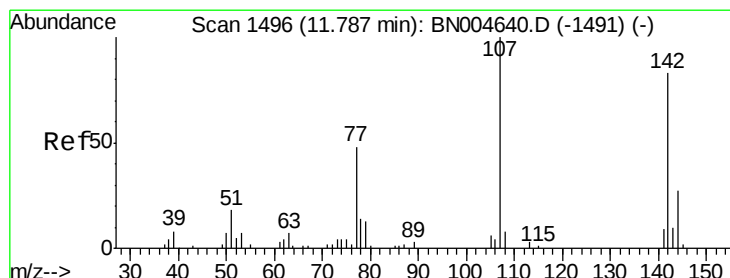
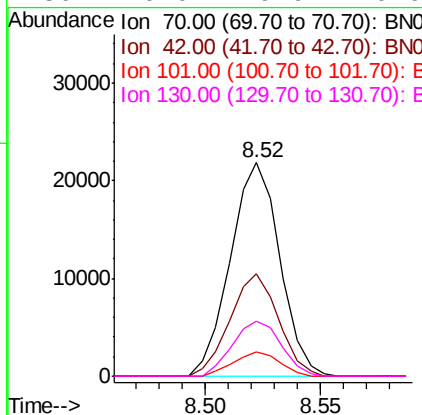
#15
N-Nitroso-di-n-propylamine
Concen: 16.538 ng/ul
RT: 8.52 min Scan# 941
Delta R.T. -0.01 min
Lab File: BN004654.D
Acq: 08 Mar 2019 01:20

Instrument :
BNA_N
ClientSampleId :
DB648MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	48.0	38.6	58.0	
101	11.2	8.4	12.6	
130	26.0	19.9	29.9	

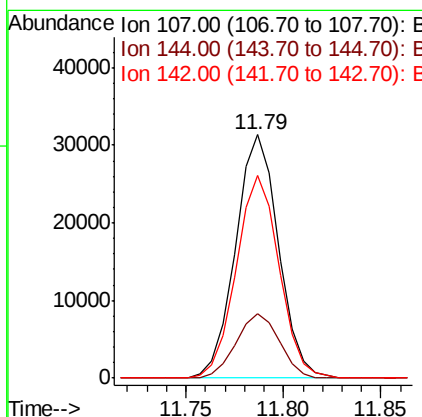
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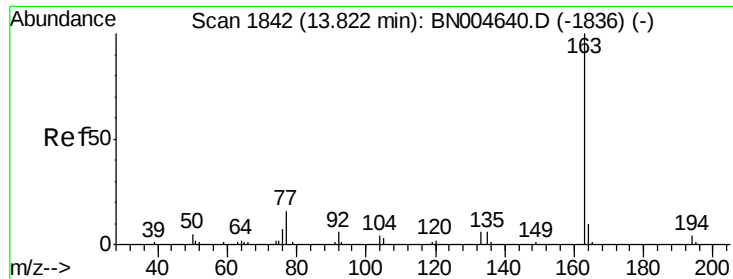
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#33
4-Chloro-3-methylphenol
Concen: 14.913 ng/ul
RT: 11.79 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BN004654.D
Acq: 08 Mar 2019 01:20

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	26.7	22.2	33.4	
142	83.3	67.4	101.0	





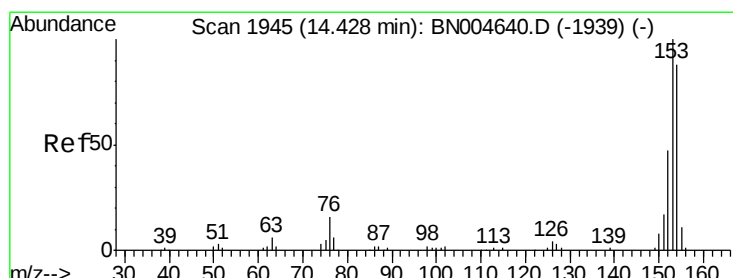
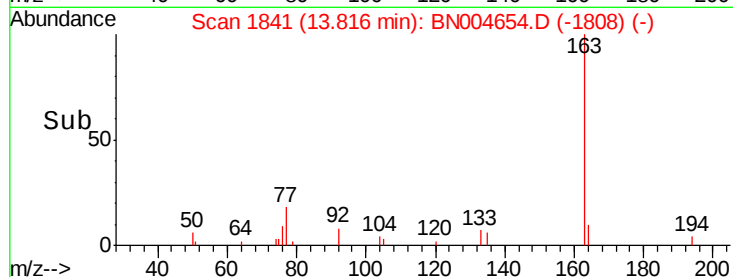
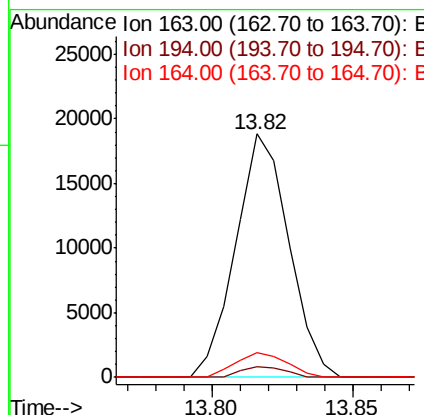
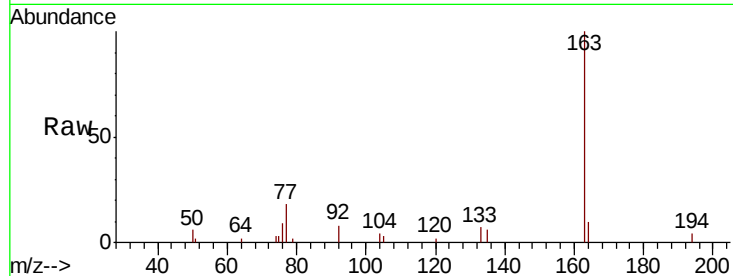
#45
Dimethylphthalate
Concen: 2.537 ng/ul
RT: 13.82 min Scan# 1841
Delta R.T. -0.01 min
Lab File: BN004654.D
Acq: 08 Mar 2019 01:20

Instrument :
BNA_N
ClientSampled :
DB648MS

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.4	5.2
164	10.0	7.9	11.9

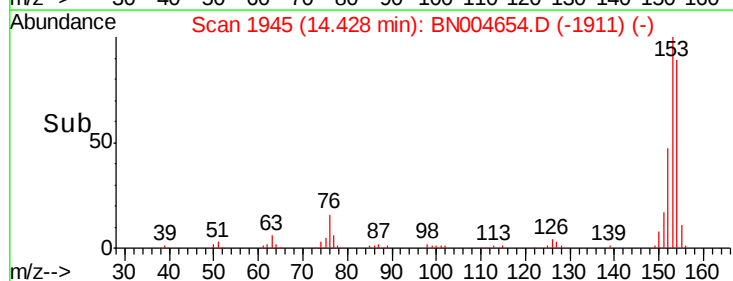
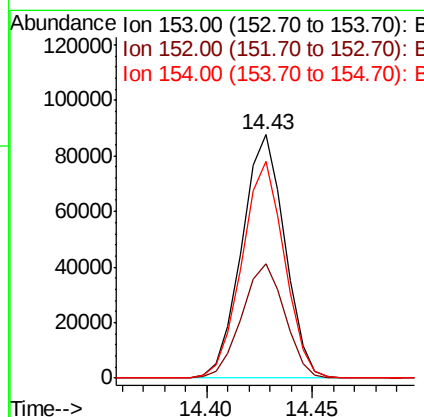
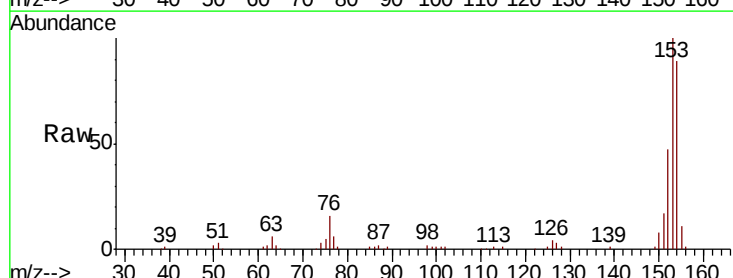
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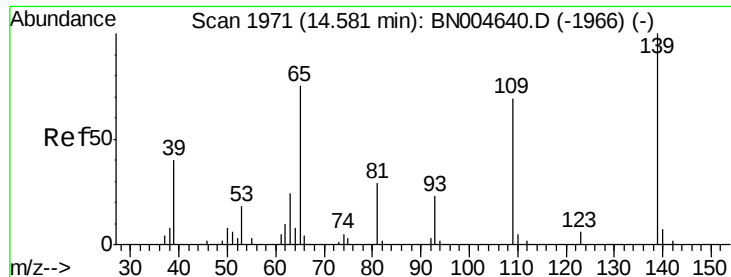
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#50
Acenaphthene
Concen: 15.582 ng/ul
RT: 14.43 min Scan# 1945
Delta R.T. -0.00 min
Lab File: BN004654.D
Acq: 08 Mar 2019 01:20

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.9	37.8	56.6
154	88.8	70.0	105.0





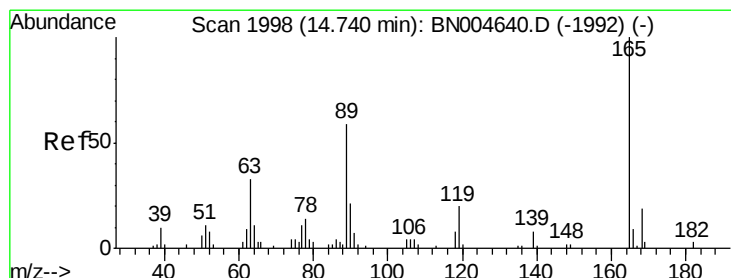
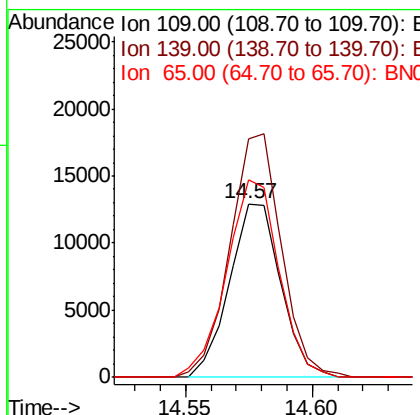
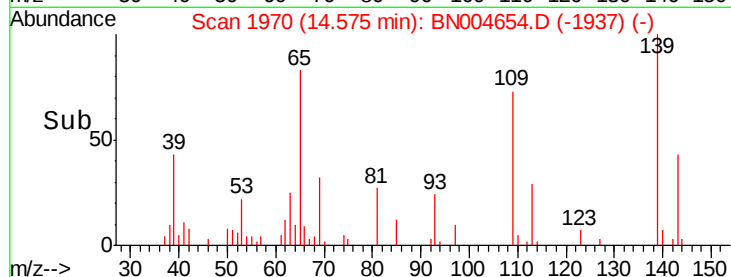
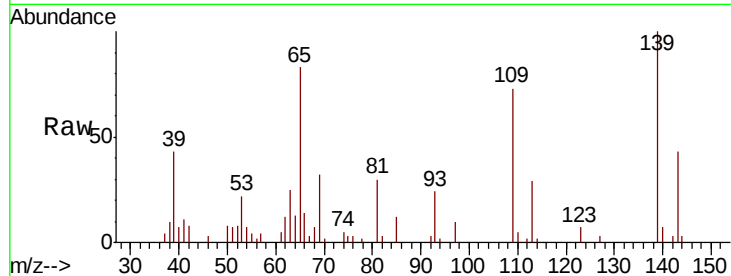
#53
4-Nitrophenol
Concen: 13.670 ng/ul
RT: 14.57 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN004654.D
Acq: 08 Mar 2019 01:20

Instrument :
BNA_N
ClientSampleId :
DB648MS

Tot Ion	Ratio	Lower	Upper
109	100		
139	137.8	112.1	168.1
65	113.7	90.3	135.5

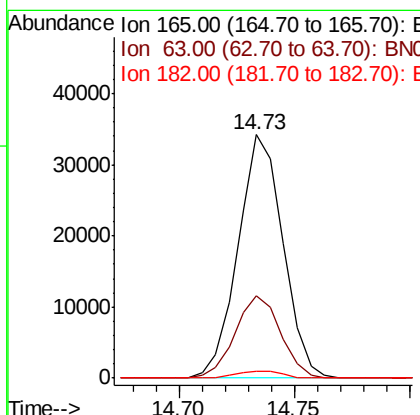
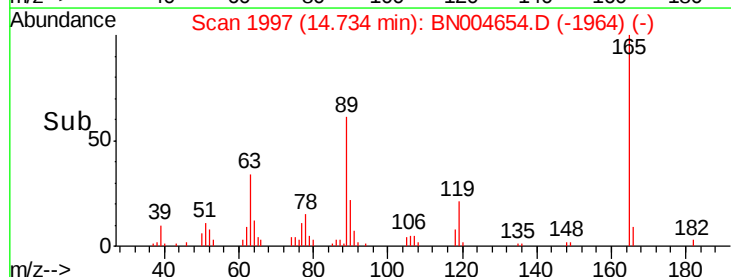
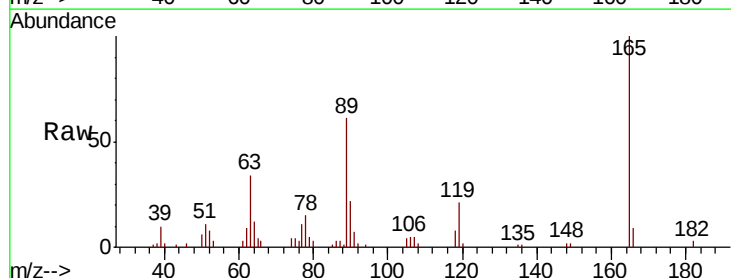
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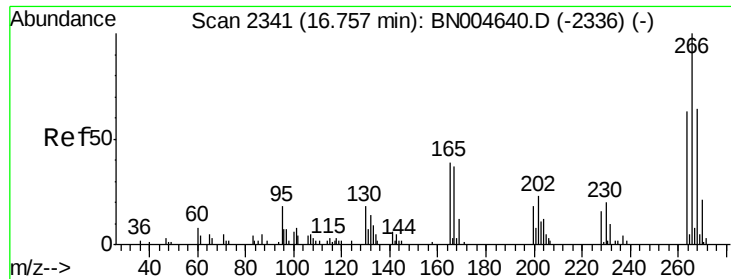
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#55
2,4-Dinitrotoluene
Concen: 16.002 ng/ul
RT: 14.73 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BN004654.D
Acq: 08 Mar 2019 01:20

Tgt Ion	Ratio	Lower	Upper
165	100		
63	33.9	27.6	41.4
182	3.0	2.3	3.5





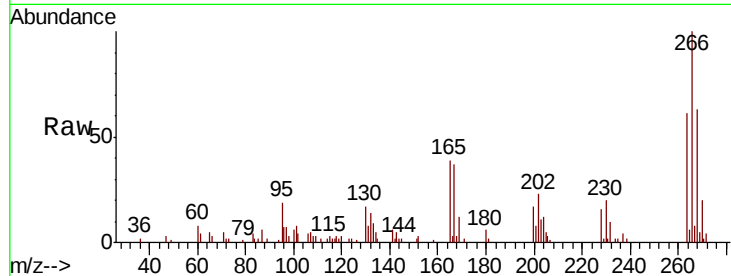
#69
 Pentachlorophenol
 Concen: 14.271 ng/ul
 RT: 16.76 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BN004654.D
 Acq: 08 Mar 2019 01:20

Instrument :
 BNA_N
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 DB648MS

Tot Ion	Ratio	Lower	Upper
266	100		
264	61.1	50.3	75.5
268	63.4	49.6	74.4

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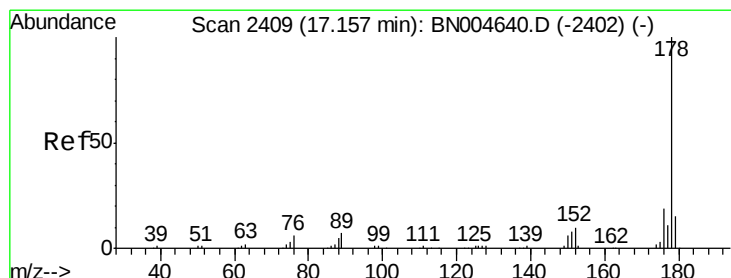
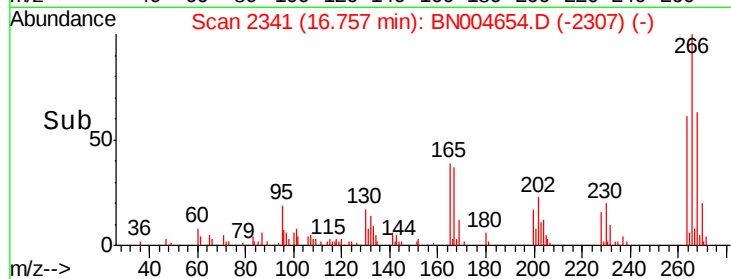
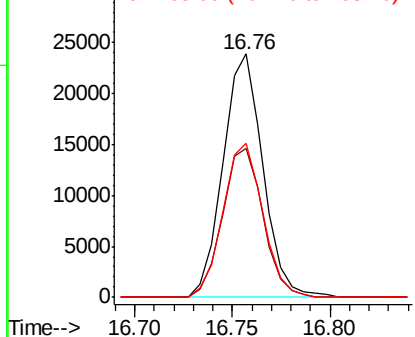


Abundance

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: 3.346 ng/ul
 RT: 17.15 min Scan# 2408
 Delta R.T. -0.01 min
 Lab File: BN004654.D
 Acq: 08 Mar 2019 01:20

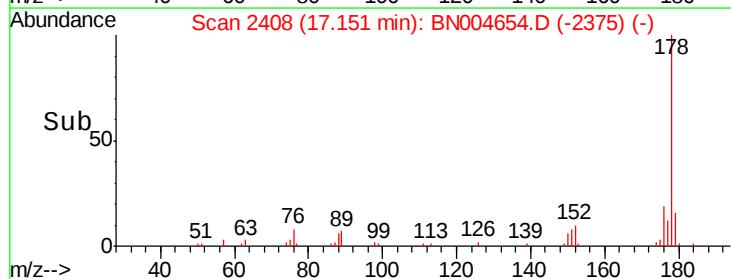
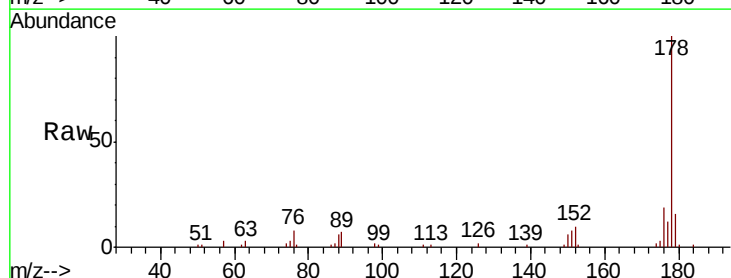
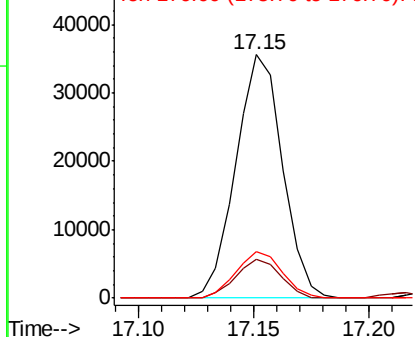
Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.9	15.4	23.0

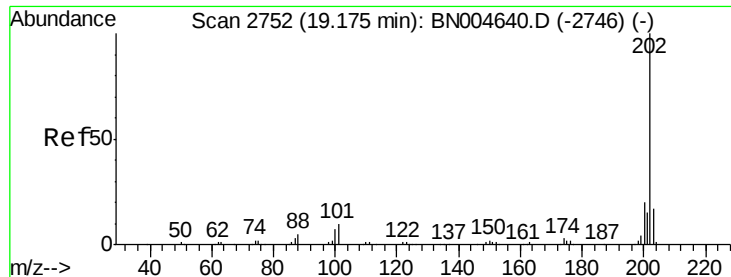
Abundance

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





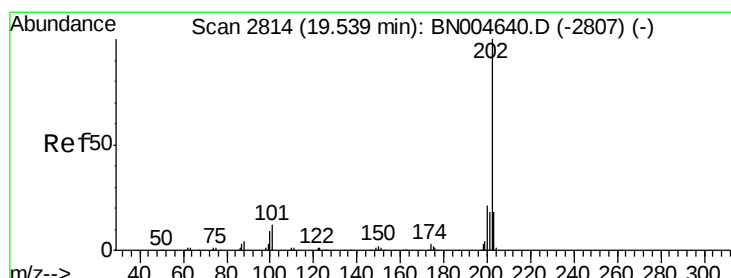
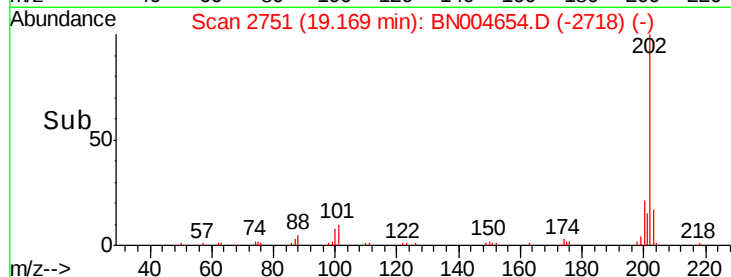
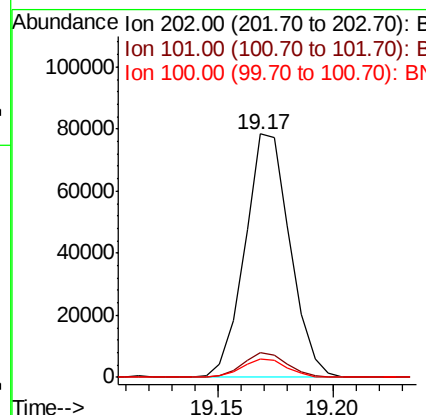
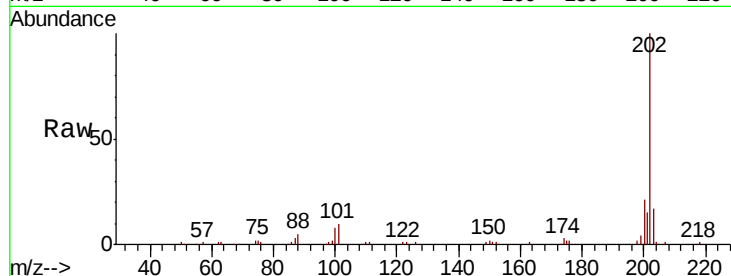
#77
Fluoranthene
 Concen: 6.163 ng/ul
 RT: 19.17 min Scan# 2751
 Delta R.T. -0.01 min
 Lab File: BN004654.D
 Acq: 08 Mar 2019 01:20

Instrument :
 BNA_N
 ClientSampleId :
 DB648MS

Tot Ion	Ion	Ratio	Resp Lower	Upper
202	100			
101	10.2	8.2	12.4	
100	7.6	6.6	9.8	

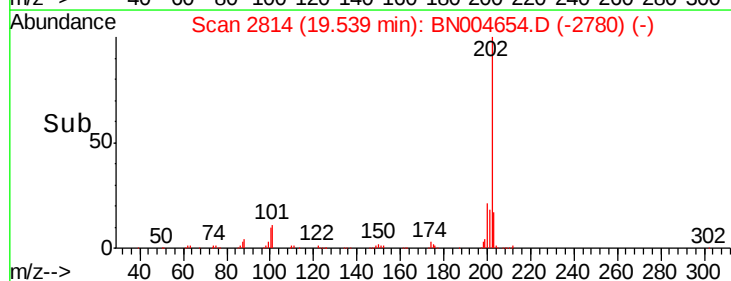
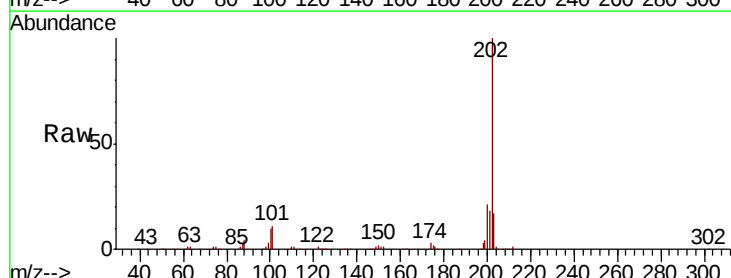
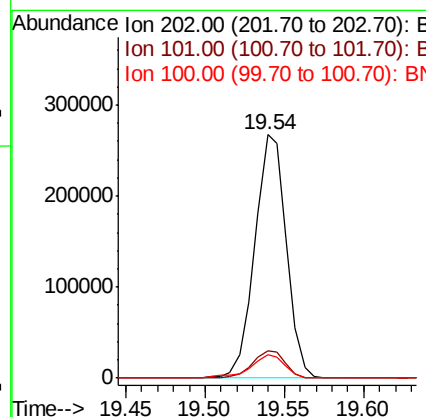
Manual Integrations
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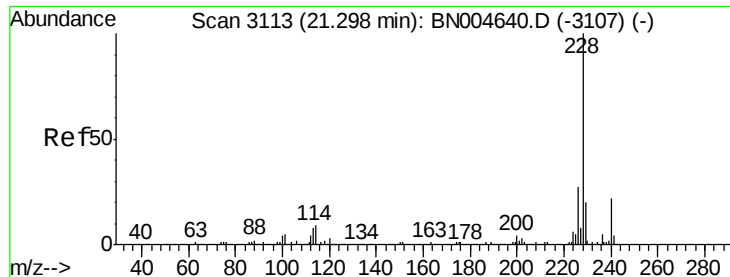
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#80
Pyrene
 Concen: 19.435 ng/ul
 RT: 19.54 min Scan# 2814
 Delta R.T. -0.00 min
 Lab File: BN004654.D
 Acq: 08 Mar 2019 01:20

Tgt Ion	Ion	Ratio	Resp Lower	Upper
202	100			
101	11.3	9.2	13.8	
100	9.7	7.5	11.3	





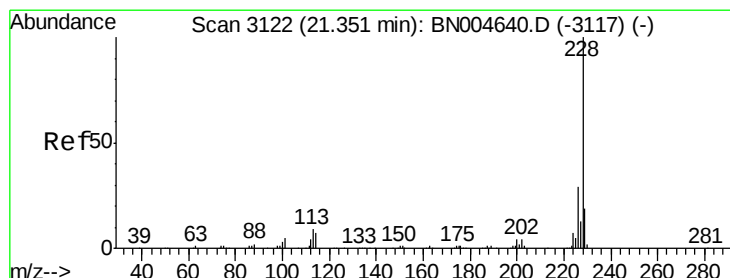
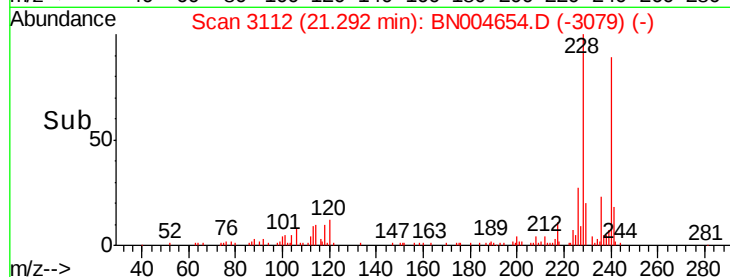
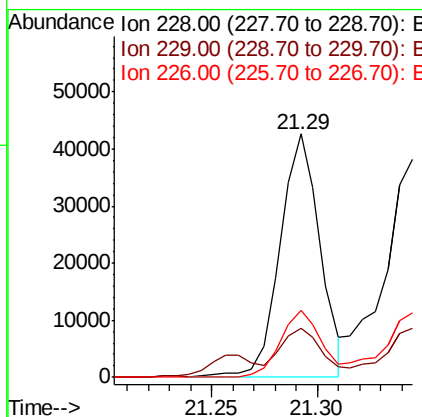
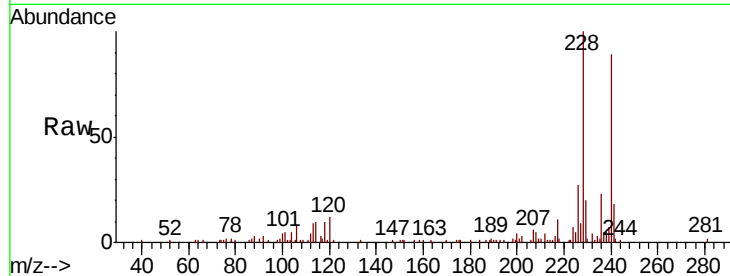
#83
Benzo(a)anthracene
Concen: 2.851 ng/ul
RT: 21.29 min Scan# 3112
Delta R.T. -0.01 min
Lab File: BN004654.D
Acq: 08 Mar 2019 01:20

Instrument :
BNA_N
ClientSampleId :
DB648MS

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.4	23.2
226	27.5	21.4	32.2

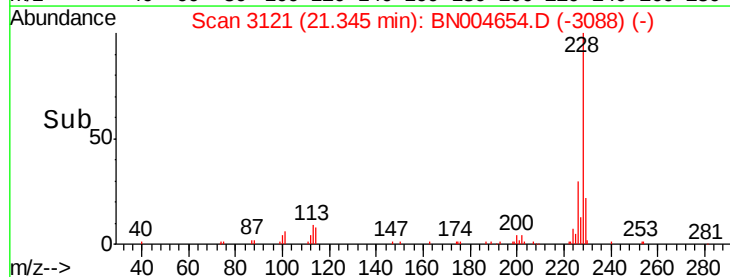
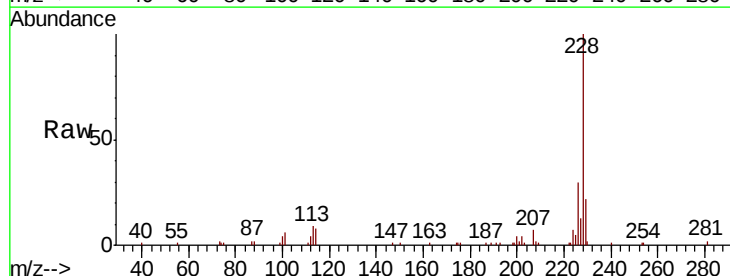
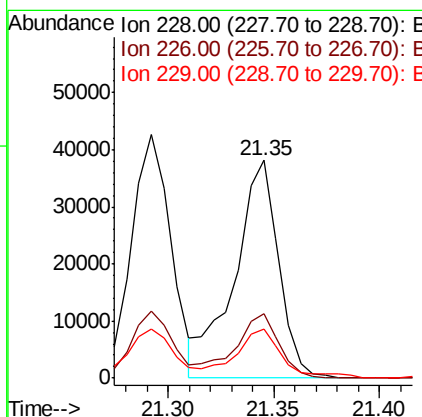
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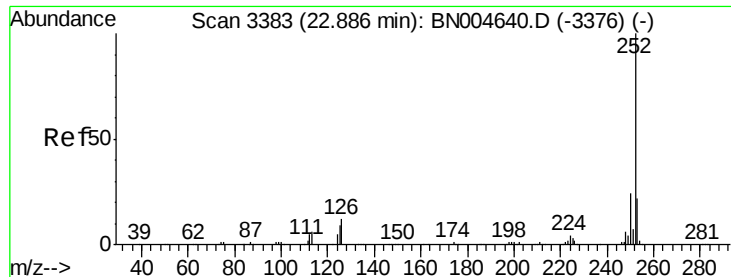
Sohil
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#85
Chrysene
Concen: 3.022 ng/ul
RT: 21.35 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BN004654.D
Acq: 08 Mar 2019 01:20

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.0	36.0
229	22.3	15.7	23.5





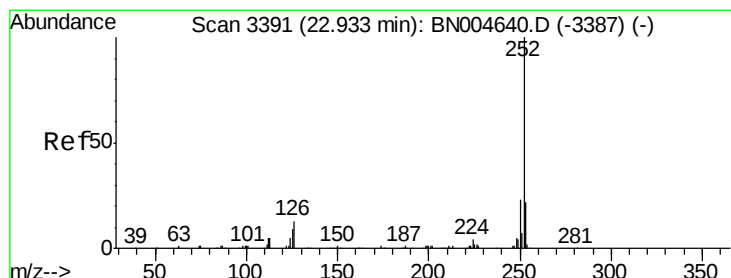
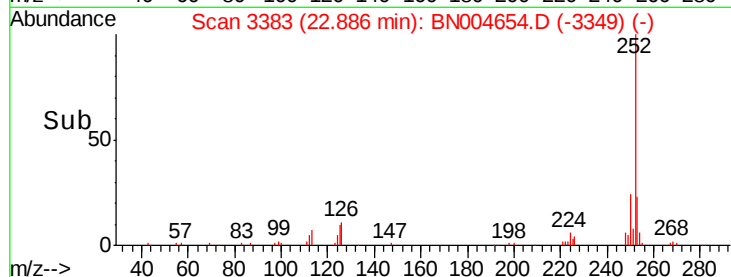
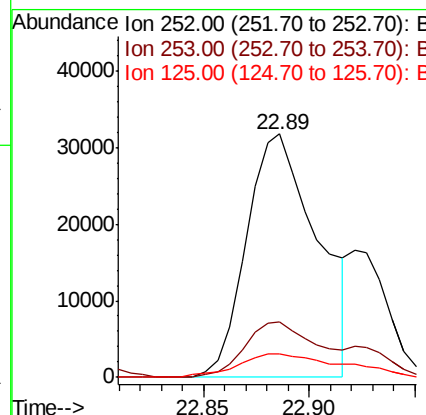
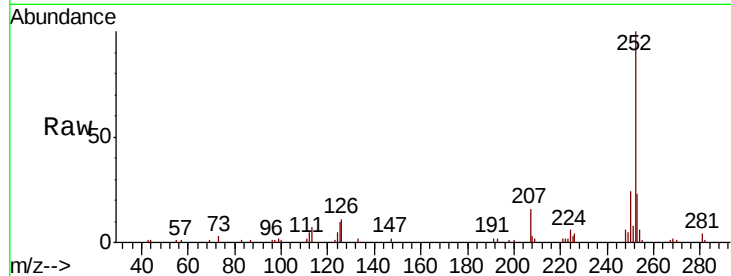
#88
Benzo(b)fluoranthene
Concen: 4.150 ng/u1
RT: 22.89 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BN004654.D
Acq: 08 Mar 2019 01:20

Instrument :
BNA_N
ClientSampleId :
DB648MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.7	26.5
125	9.7	7.4	11.2

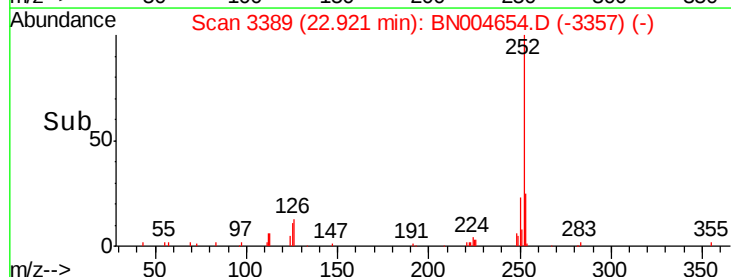
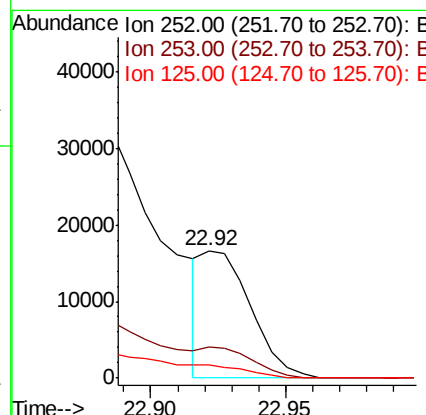
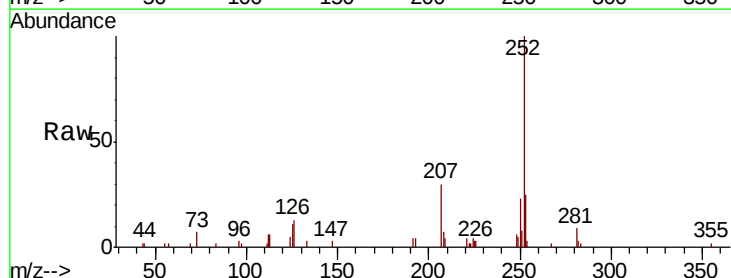
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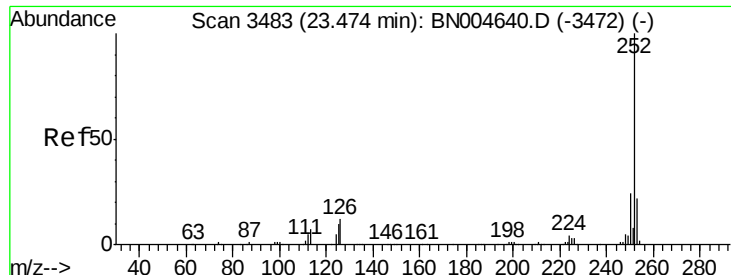
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#89
Benzo(k)fluoranthene
Concen: 1.179 ng/u1 m
RT: 22.92 min Scan# 3389
Delta R.T. -0.01 min
Lab File: BN004654.D
Acq: 08 Mar 2019 01:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.4	26.2
125	10.5	7.4	11.0





#91

Benzo(a)pyrene

Concen: 2.435 ng/ul

RT: 23.47 min Scan# 3482

Delta R.T. -0.01 min

Lab File: BN004654.D

Acq: 08 Mar 2019 01:20

Instrument :

BNA_N

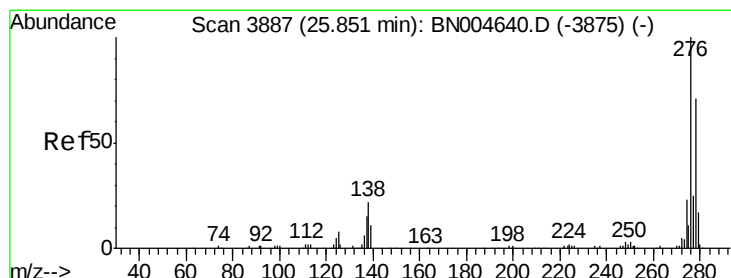
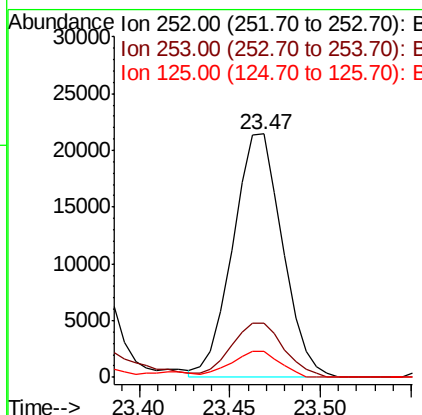
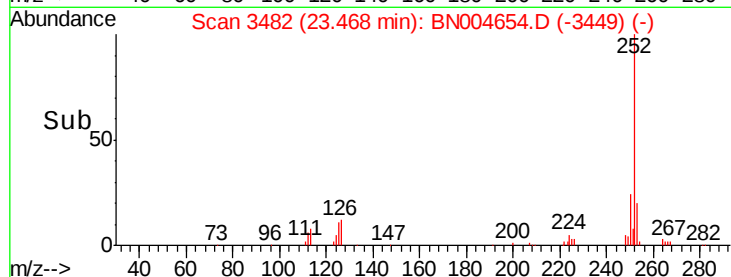
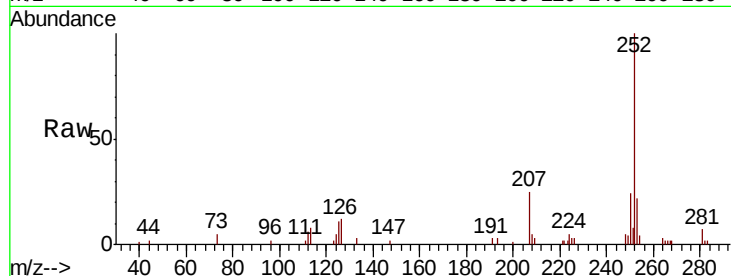
ClientSampleId :

DB648MS

Tot Ion:	252	Resp:	40924
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	10.6	8.4	12.6

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#92

Indeno(1,2,3-cd)pyrene

Concen: 1.265 ng/ul

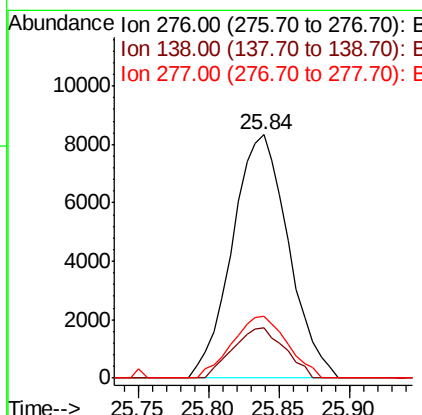
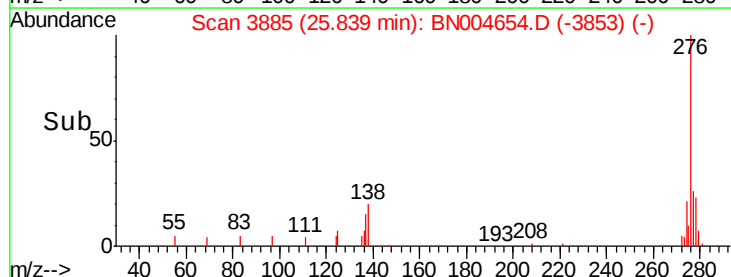
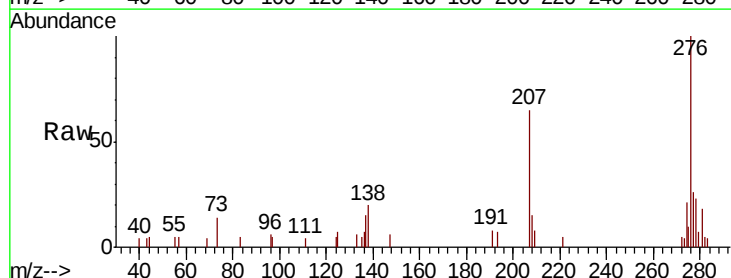
RT: 25.84 min Scan# 3885

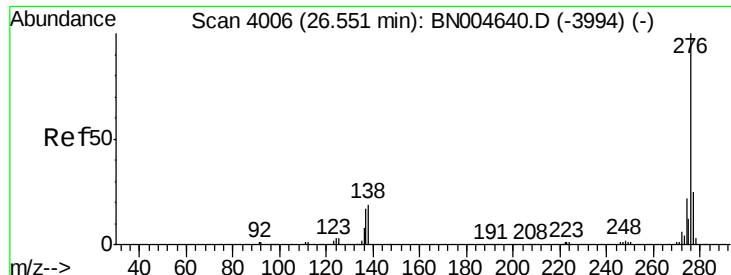
Delta R.T. -0.01 min

Lab File: BN004654.D

Acq: 08 Mar 2019 01:20

Tgt Ion:	276	Resp:	23150
Ion Ratio	Lower	Upper	
276	100		
138	20.4	18.7	28.1
277	25.6	19.8	29.8





#94
 Benzo(a,h,i)perylene
 Concen: 1.181 ng/ul
 RT: 26.54 min Scan# 4004
 Delta R.T. -0.02 min
 Lab File: BN004654.D
 Acq: 08 Mar 2019 01:20

Instrument :
 BNA_N
 ClientSampleId :
 DB648MS

Tot Ion:	276	Resp:	17576
Ion Ratio	Lower	Upper	
276	100		
138	18.1	16.7	25.1
277	25.6	19.0	28.6

Manual Integrations
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