

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061919\
 Data File : BN006464.D
 Acq On : 21 Jun 2019 13:45
 Operator : JU/SJ
 Sample : K3360-22MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4202MSD

Quant Time: Jun 21 14:53:07 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN061919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 21 06:31:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	254570	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	1200435	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	733688	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1617555	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1531627	20.00	ng/ul	0.00
85) Perylene-d12	23.50	264	1512018	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	34626	5.31	ng/uL	0.00
5) Phenol-d5	6.80	99	578909	21.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	466706	27.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	501396	25.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	361122	16.79	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	271713	28.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	295562	28.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	471170	23.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	613502	26.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	1767315	27.48	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	2091571	26.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	179354	16.33	ng/ul	0.00
57) Fluorene-d10	15.28	176	1529208	27.96	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	178478	17.43	ng/ul	0.00
70) Anthracene-d10	17.14	188	2317349	28.46	ng/ul	0.00
78) Pyrene-d10	19.45	212	2567786	28.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	2404877	28.16	ng/ul	0.02

Target Compounds

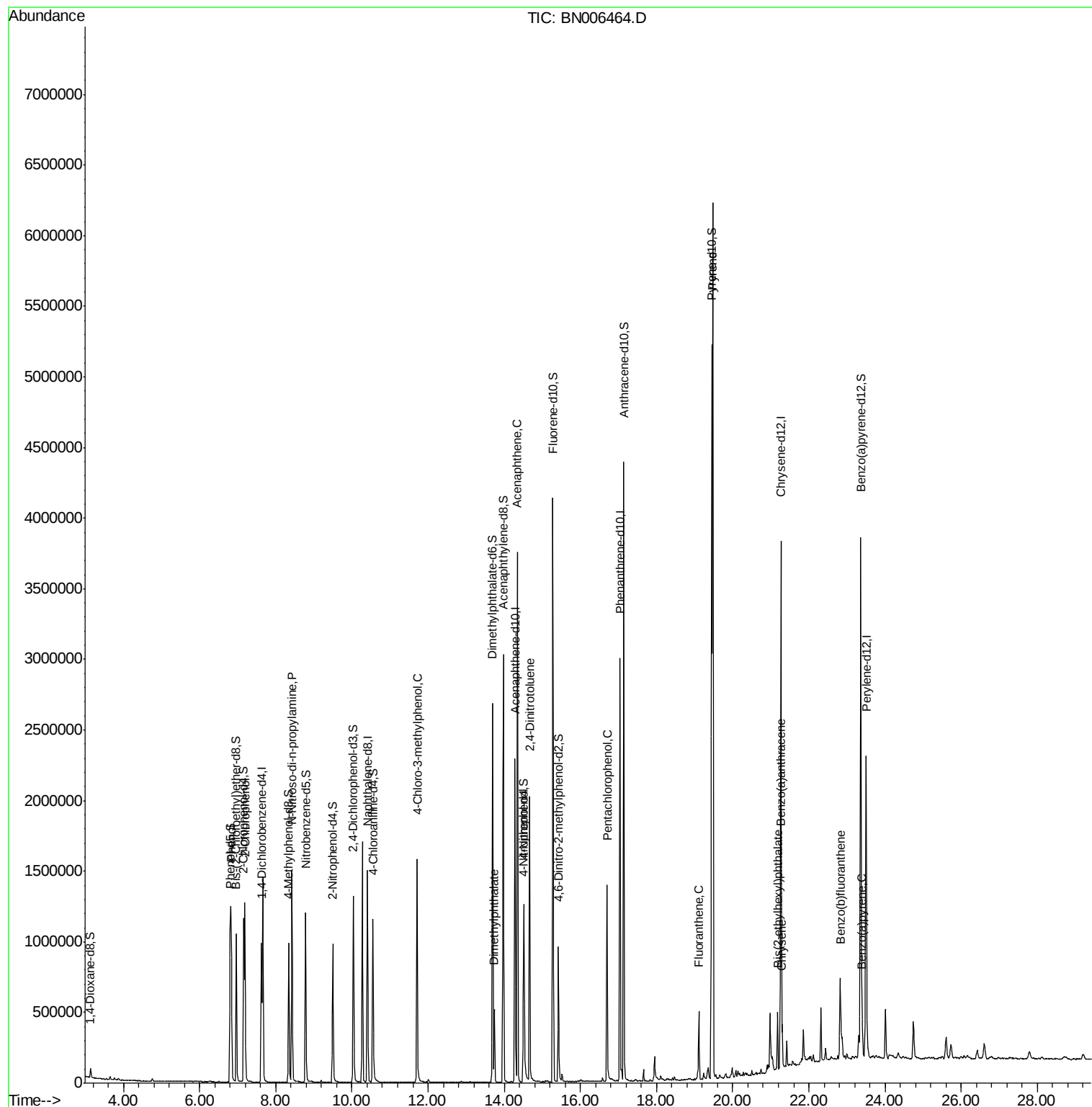
					Ovalue
6) Phenol	6.83	94	673574	25.775	ng/ul 99
10) 2-Chlorophenol	7.19	128	520004	27.153	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.43	70	506839	29.249	ng/ul 98
33) 4-Chloro-3-methylphenol	11.71	107	577591	26.109	ng/ul 99
44) Dimethylphthalate	13.74	163	295070	4.978	ng/ul 99
49) Acenaphthene	14.35	153	1428588	28.702	ng/ul 98
52) 4-Nitrophenol	14.52	109	171496	22.313	ng/ul 97
54) 2,4-Dinitrotoluene	14.67	165	530278	31.877	ng/ul 93
68) Pentachlorophenol	16.70	266	245648	27.135	ng/ul 97
76) Fluoranthene	19.11	202	284539	2.959	ng/ul 99
79) Pyrene	19.48	202	3444224	33.028	ng/ul 99
82) Benzo(a)anthracene	21.25	228	140386	1.341	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.18	149	121201	1.808	ng/ul 99
84) Chrysene	21.30	228	186918	1.876	ng/ul 98
87) Benzo(b)fluoranthene	22.83	252	250739	2.763	ng/ul 98
90) Benzo(a)pyrene	23.40	252	144221	1.657	ng/ul 98

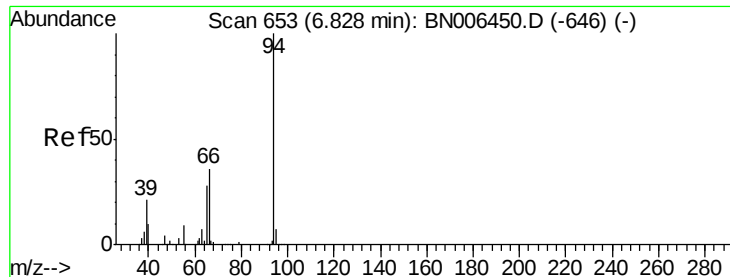
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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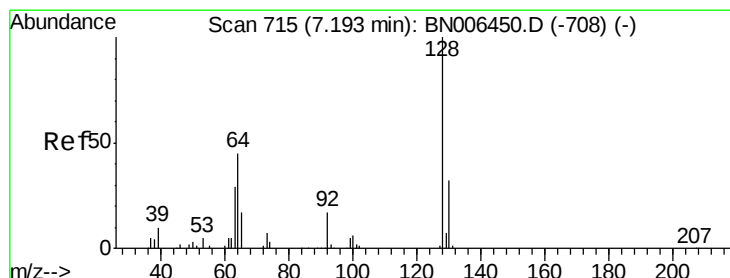
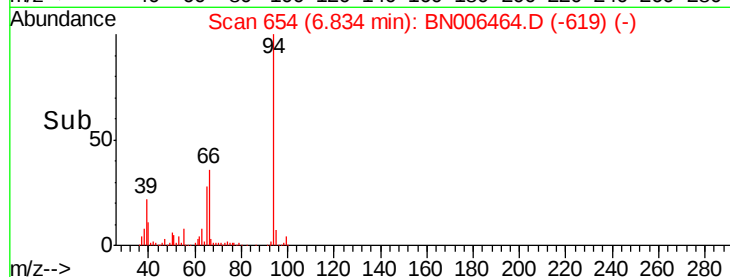
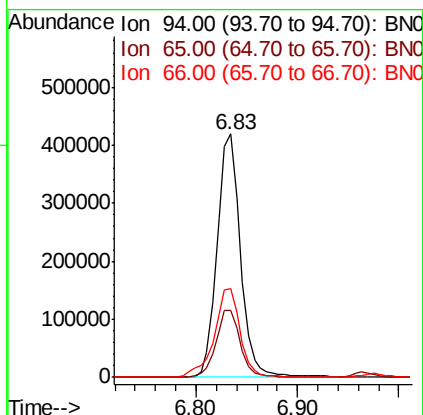
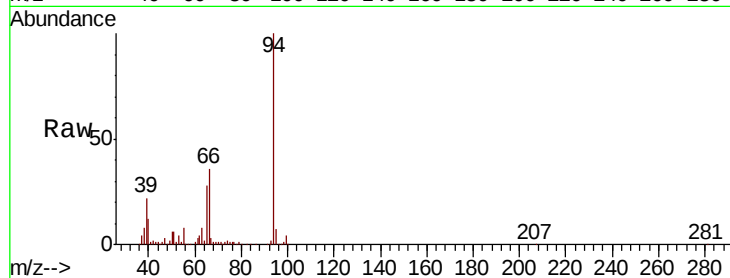
#6

Phenol

Concen: 25.775 ng/ul
 RT: 6.83 min Scan# 654
 Delta R.T. 0.01 min
 Lab File: BN006464.D
 Acq: 21 Jun 2019 13:45

Instrument :
 BNA_N
 ClientSampled :
 A4202MSD

Tot Ion: 94 Resp: 673574
 Ion Ratio Lower Upper
 94 100
 65 27.7 22.5 33.7
 66 36.4 29.5 44.3

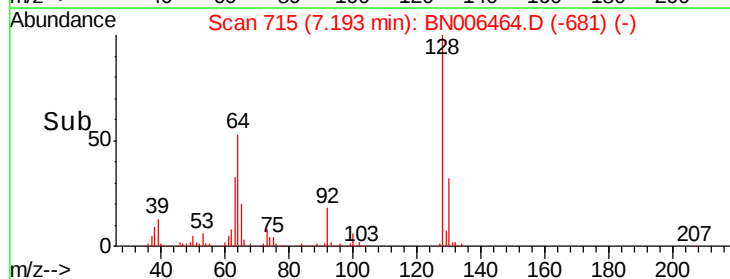
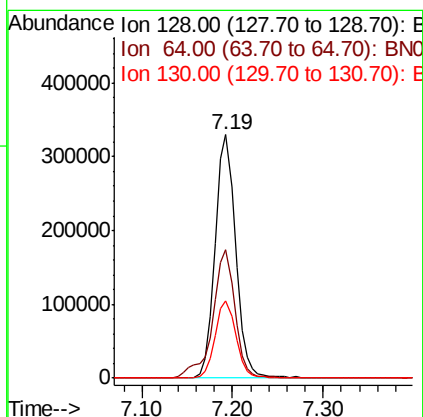
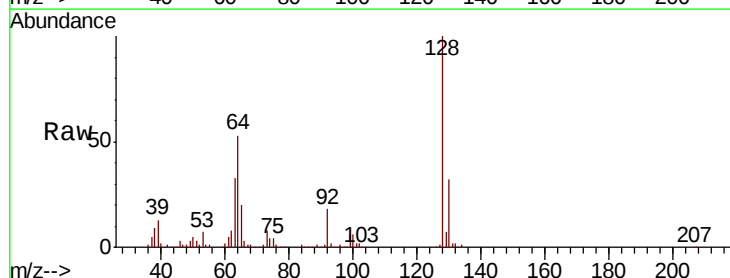


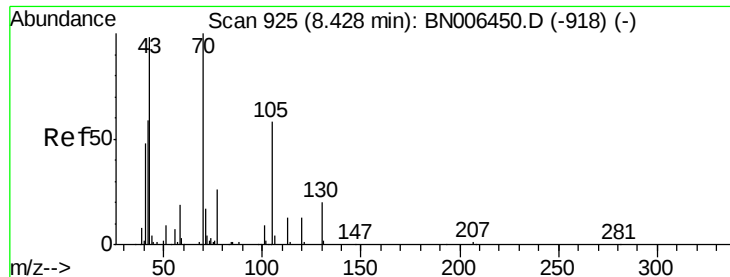
#10

2-Chlorophenol

Concen: 27.153 ng/ul
 RT: 7.19 min Scan# 715
 Delta R.T. -0.00 min
 Lab File: BN006464.D
 Acq: 21 Jun 2019 13:45

Tgt Ion:128 Resp: 520004
 Ion Ratio Lower Upper
 128 100
 64 52.5 42.4 63.6
 130 32.0 26.6 39.8

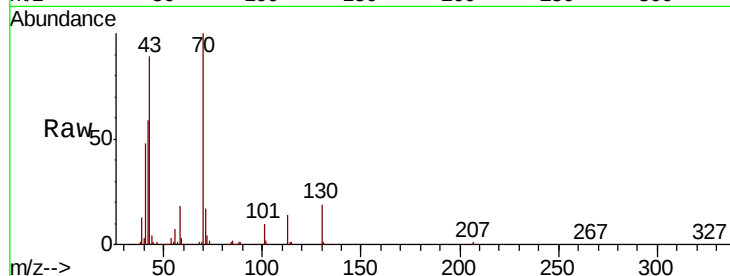




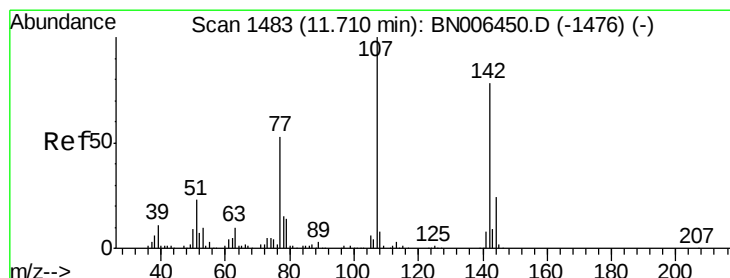
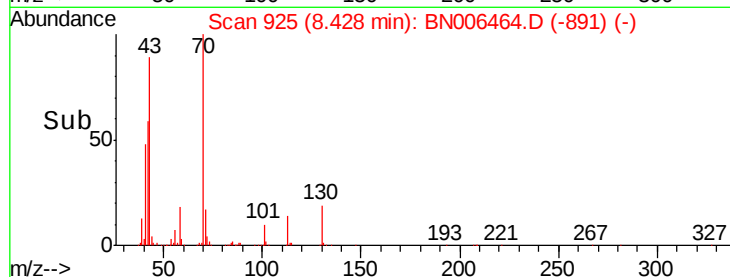
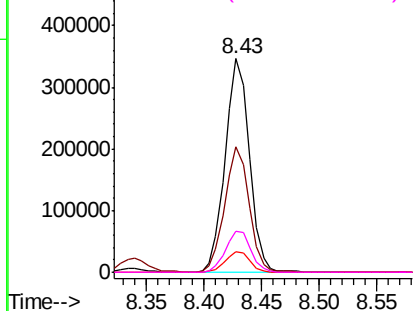
#15
N-Nitroso-di-n-propylamine
Concen: 29.249 ng/ul
RT: 8.43 min Scan# 925
Delta R.T. -0.00 min
Lab File: BN006464.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tot Ion: 70 Resp: 506839
Ion Ratio Lower Upper
70 100
42 58.7 48.0 72.0
101 9.6 7.4 11.0
130 19.0 16.1 24.1

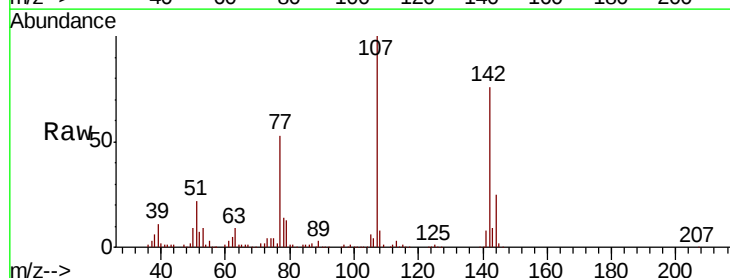


Abundance Ion 70.00 (69.70 to 70.70): BN0
Ion 42.00 (41.70 to 42.70): BN0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

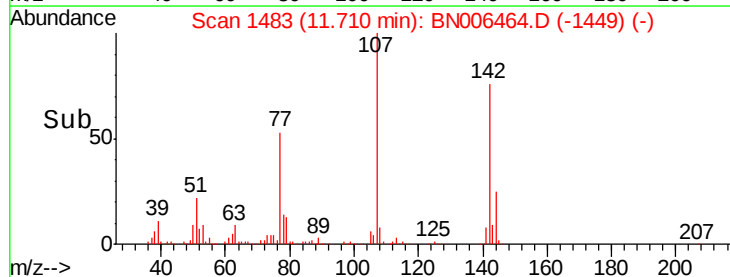
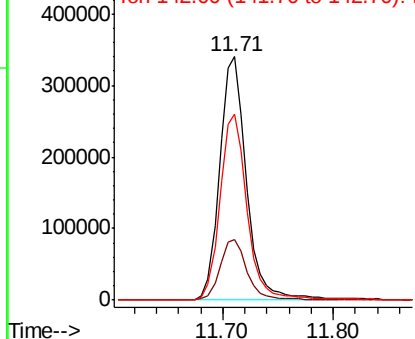


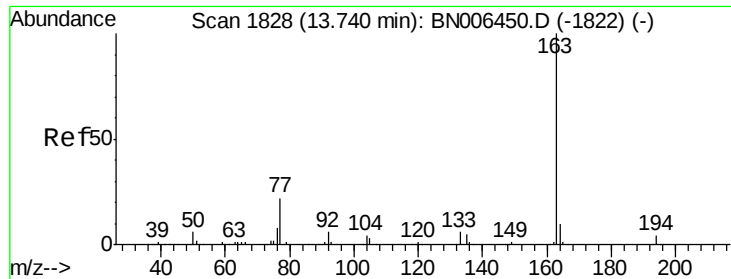
#33
4-Chloro-3-methylphenol
Concen: 26.109 ng/ul
RT: 11.71 min Scan# 1483
Delta R.T. -0.00 min
Lab File: BN006464.D
Acq: 21 Jun 2019 13:45

Tgt Ion:107 Resp: 577591
Ion Ratio Lower Upper
107 100
144 24.7 20.7 31.1
142 76.3 60.8 91.2



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

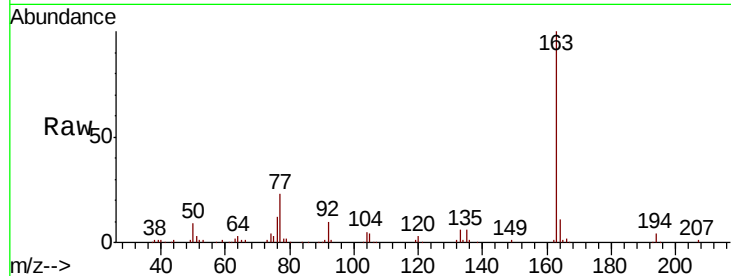




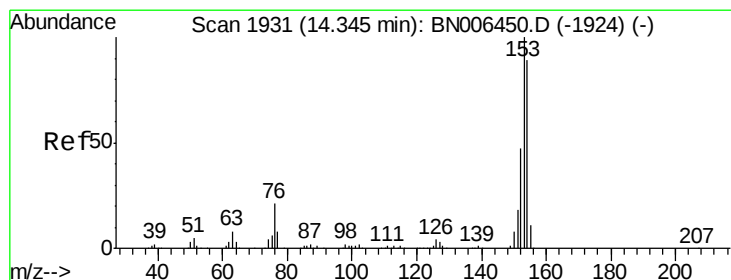
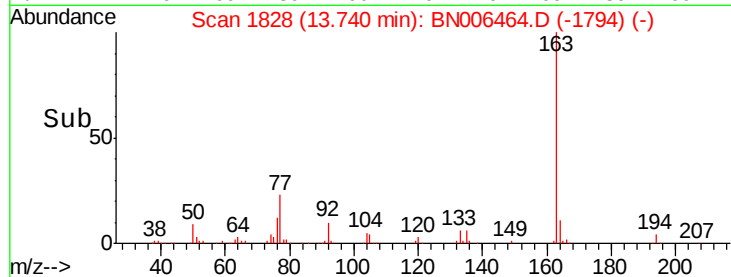
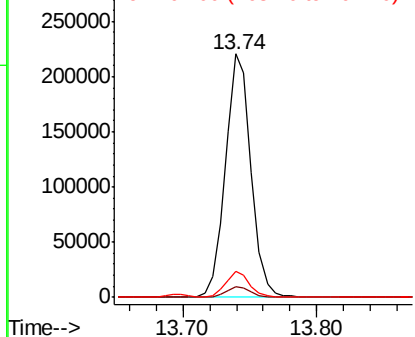
#44
Dimethylphthalate
Concen: 4.978 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. -0.00 min
Lab File: BN006464.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tot Ion:163 Resp: 295070
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 10.5 8.0 12.0

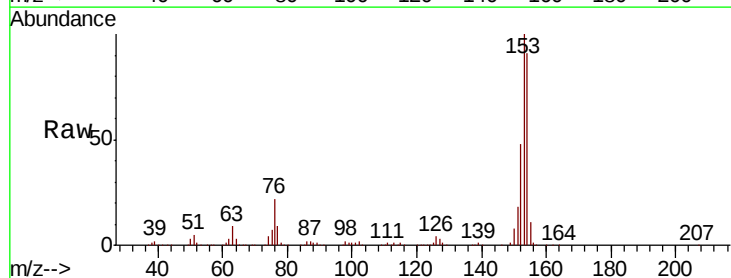


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

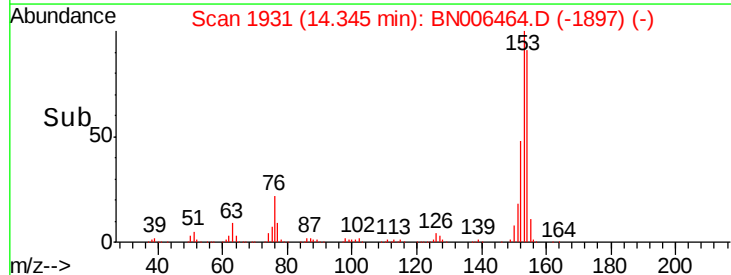
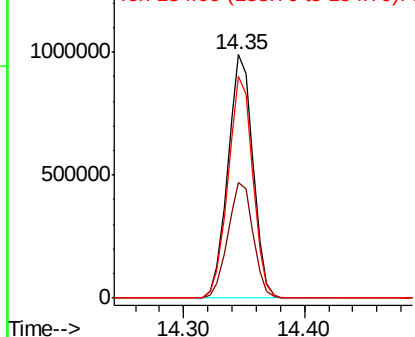


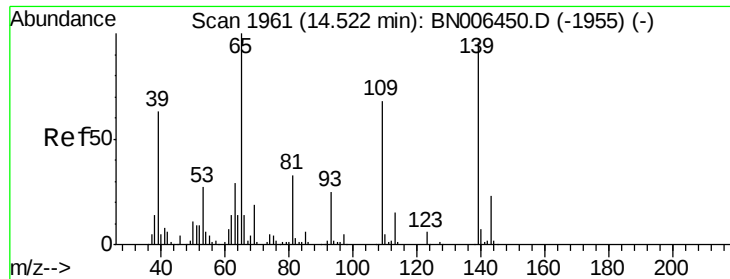
#49
Acenaphthene
Concen: 28.702 ng/ul
RT: 14.35 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN006464.D
Acq: 21 Jun 2019 13:45

Tgt Ion:153 Resp: 1428588
Ion Ratio Lower Upper
153 100
152 47.6 37.8 56.6
154 91.1 71.2 106.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#52

4-Nitrophenol

Concen: 22.313 ng/ul

RT: 14.52 min Scan# 1961

Delta R.T. -0.00 min

Lab File: BN006464.D

Acq: 21 Jun 2019 13:45

Instrument :

BNA_N

ClientSampleId :

A4202MSD

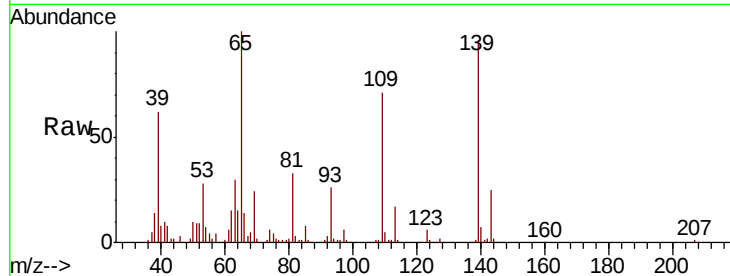
Tot Ion:109 Resp: 171496

Ion Ratio Lower Upper

109 100

139 135.8 109.0 163.4

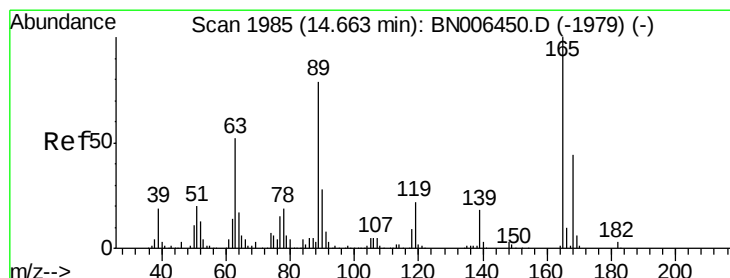
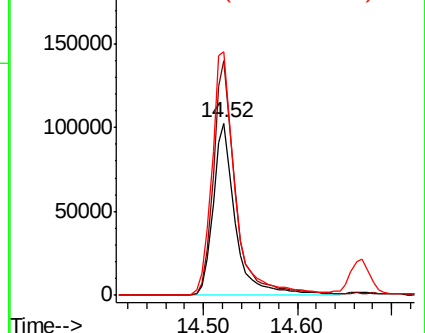
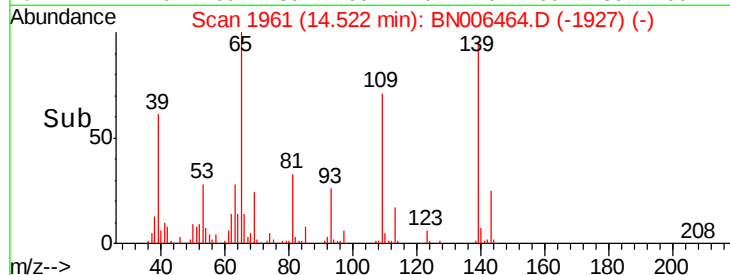
65 141.2 118.1 177.1



Abundance Ion 109.00 (108.70 to 109.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 65.00 (64.70 to 65.70): BNO



#54

2,4-Dinitrotoluene

Concen: 31.877 ng/ul

RT: 14.67 min Scan# 1986

Delta R.T. 0.01 min

Lab File: BN006464.D

Acq: 21 Jun 2019 13:45

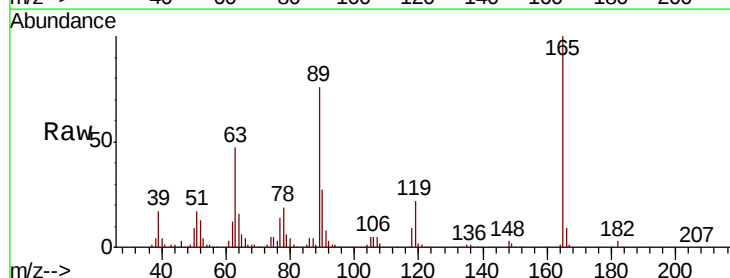
Tgt Ion:165 Resp: 530278

Ion Ratio Lower Upper

165 100

63 46.9 41.7 62.5

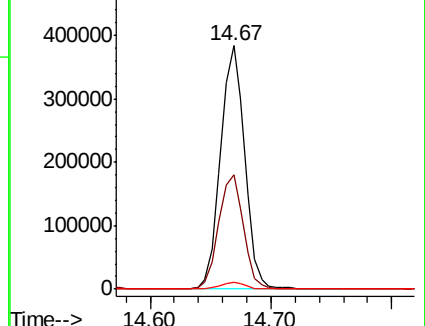
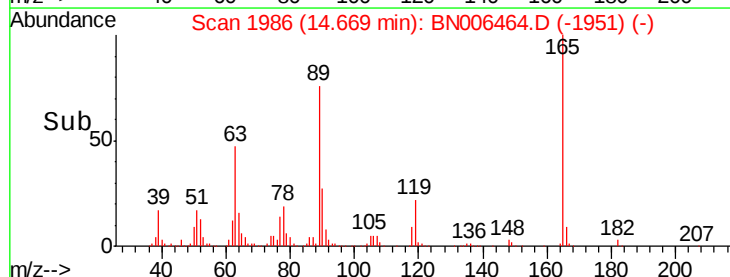
182 2.8 2.2 3.4

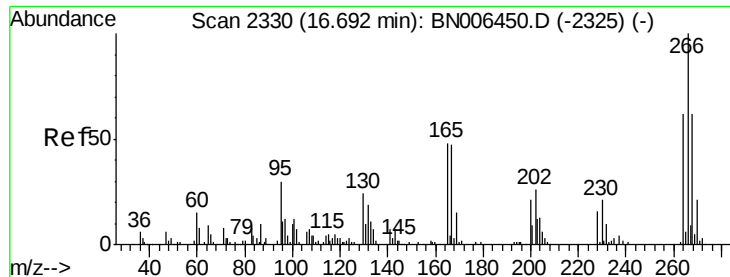


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BNO

Ion 182.00 (181.70 to 182.70): E

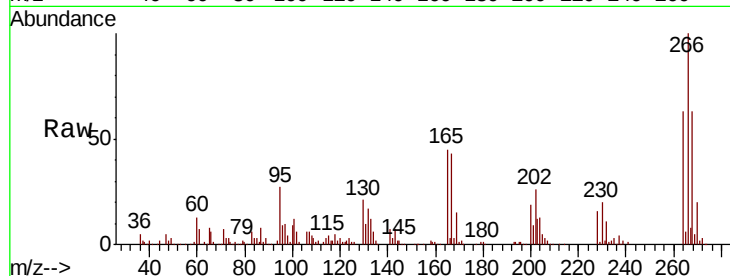




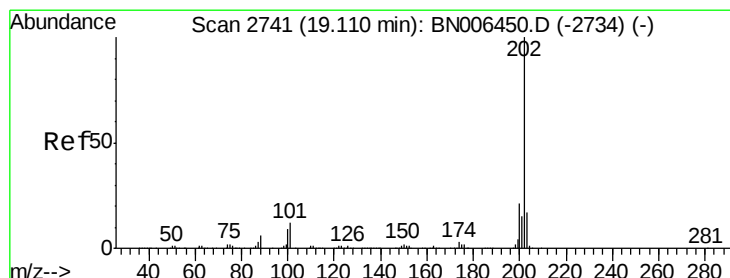
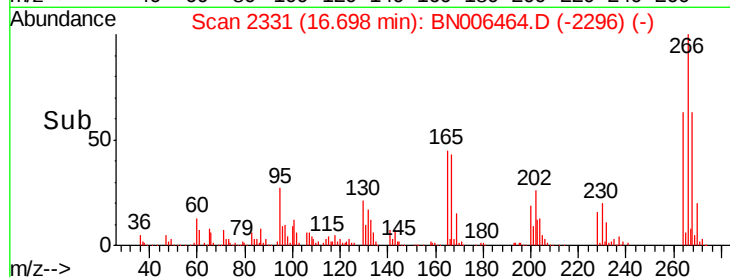
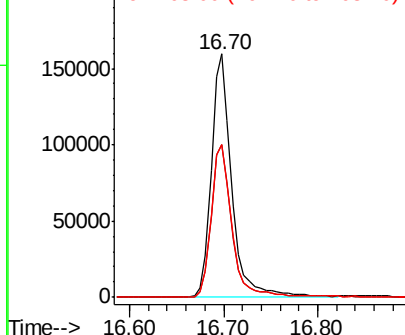
#68
 Pentachlorophenol
 Concen: 27.135 ng/ul
 RT: 16.70 min Scan# 2331
 Delta R.T. 0.01 min
 Lab File: BN006464.D
 Acq: 21 Jun 2019 13:45

Instrument :
 BNA_N
 ClientSampleId :
 A4202MSD

Tot Ion:266 Resp: 245648
 Ion Ratio Lower Upper
 266 100
 264 63.0 47.8 71.6
 268 62.7 50.8 76.2

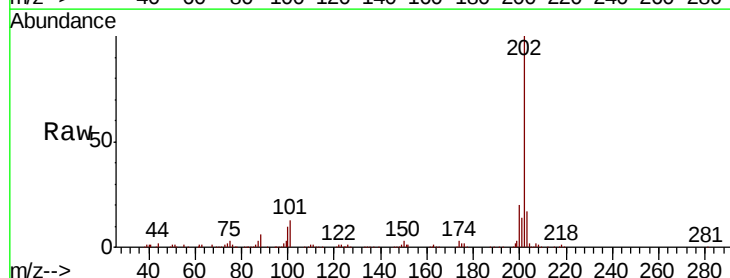


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 264.00 (263.70 to 264.70): E
 Ion 268.00 (267.70 to 268.70): E

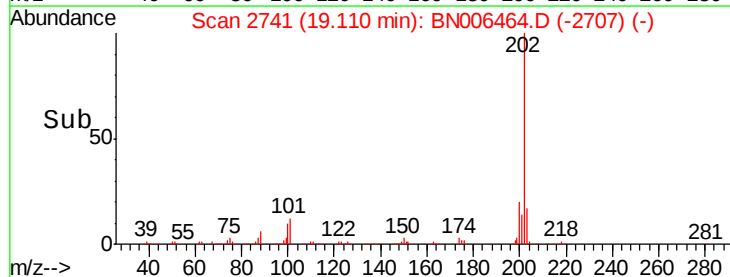
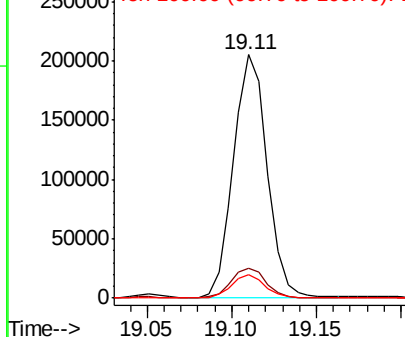


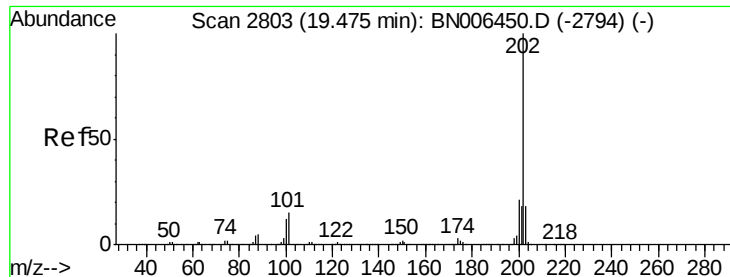
#76
 Fluoranthene
 Concen: 2.959 ng/ul
 RT: 19.11 min Scan# 2741
 Delta R.T. -0.00 min
 Lab File: BN006464.D
 Acq: 21 Jun 2019 13:45

Tgt Ion:202 Resp: 284539
 Ion Ratio Lower Upper
 202 100
 101 12.5 10.5 15.7
 100 9.9 7.6 11.4



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

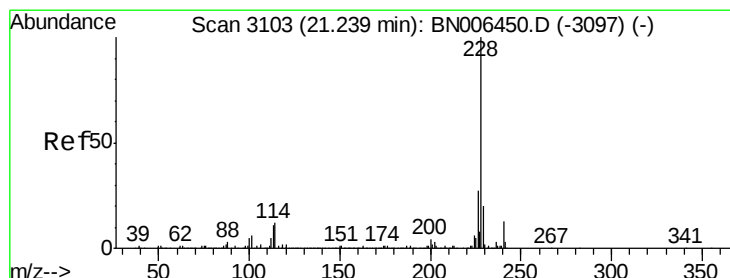
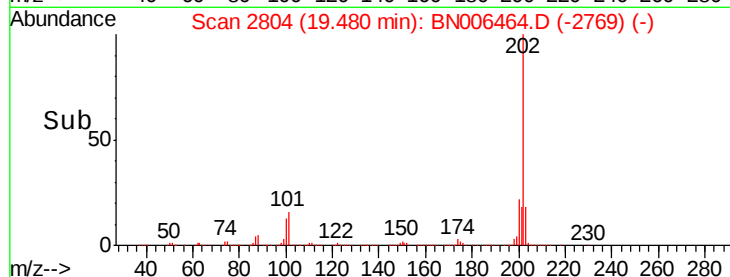
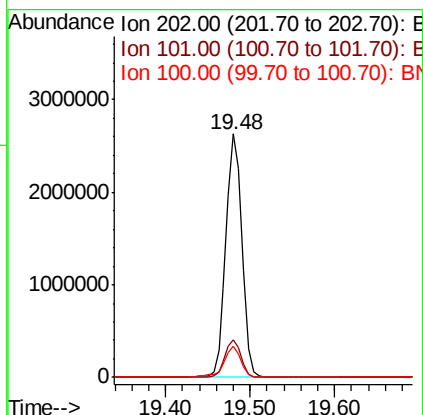
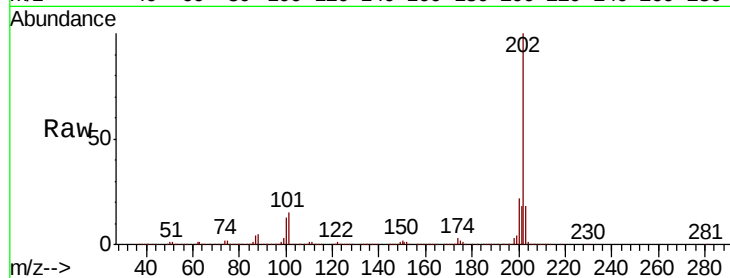




#79
Pvrene
Concen: 33.028 ng/ul
RT: 19.48 min Scan# 2804
Delta R.T. 0.01 min
Lab File: BN006464.D
Acq: 21 Jun 2019 13:45

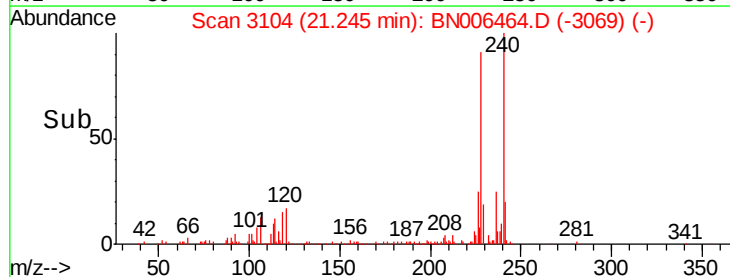
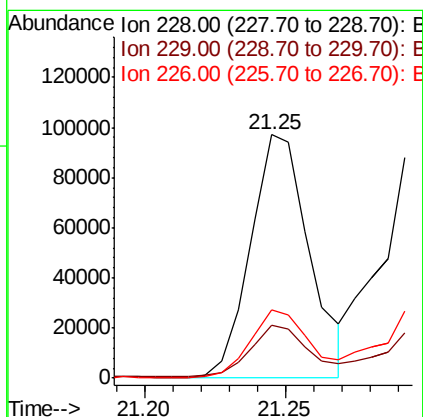
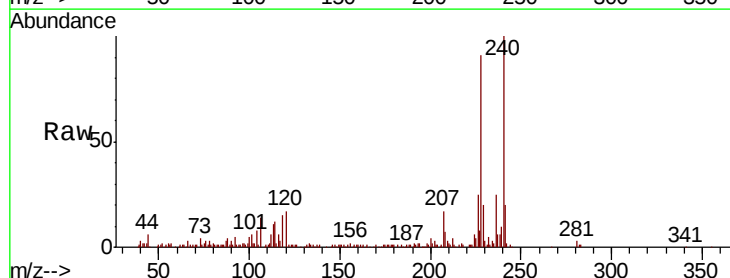
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BNA_N
ClientSampleId :
A4202MSD

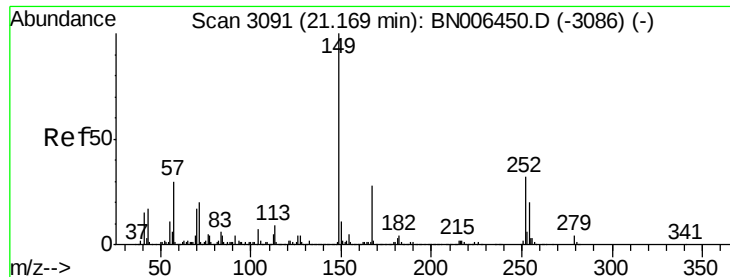
Tot Ion:202 Resp: 3444224
Ion Ratio Lower Upper
202 100
101 15.5 12.2 18.4
100 12.5 9.8 14.6



#82
Benzo(a)anthracene
Concen: 1.341 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.01 min
Lab File: BN006464.D
Acq: 21 Jun 2019 13:45

Tgt Ion:228 Resp: 140386
Ion Ratio Lower Upper
228 100
229 21.6 15.6 23.4
226 27.8 21.5 32.3

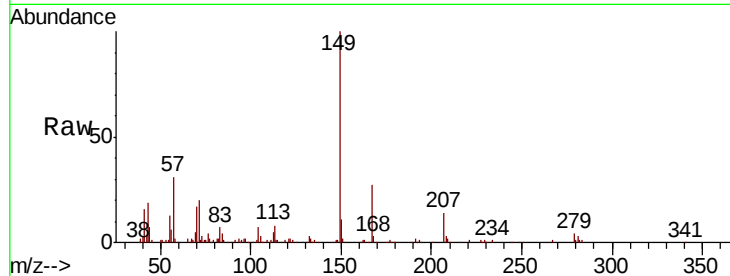




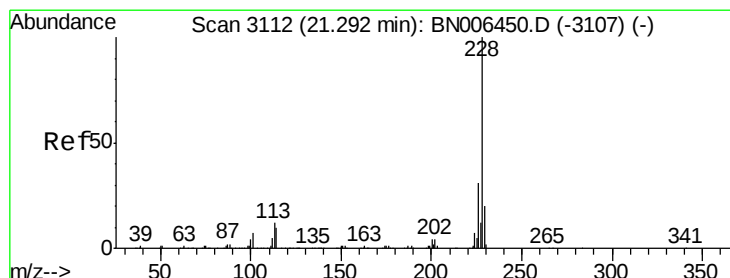
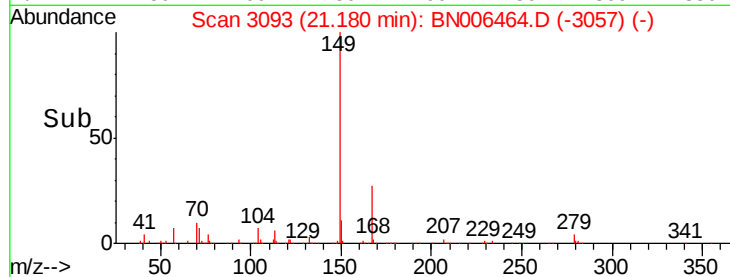
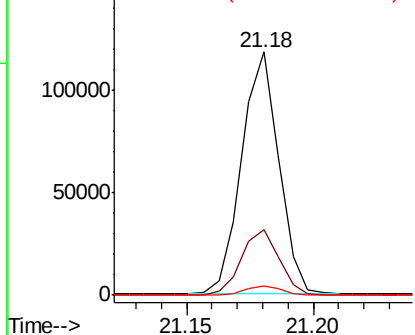
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.808 ng/ul
 RT: 21.18 min Scan# 3093
 Delta R.T. 0.01 min
 Lab File: BN006464.D
 Acq: 21 Jun 2019 13:45

Instrument :
 BNA_N
 ClientSampleId :
 A4202MSD

Tot Ion:149 Resp: 121201
 Ion Ratio Lower Upper
 149 100
 167 27.2 22.2 33.4
 279 4.1 3.3 4.9

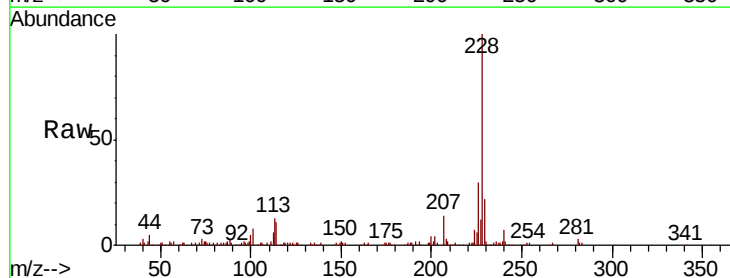


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

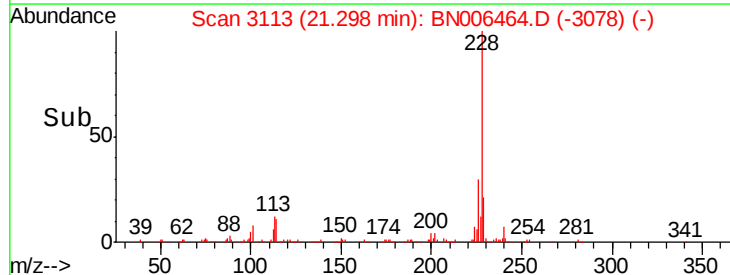
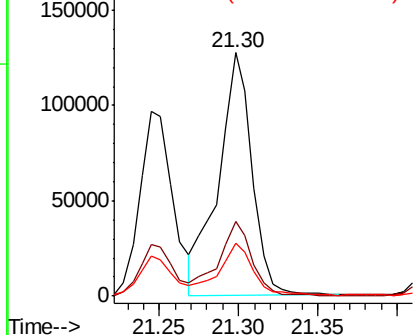


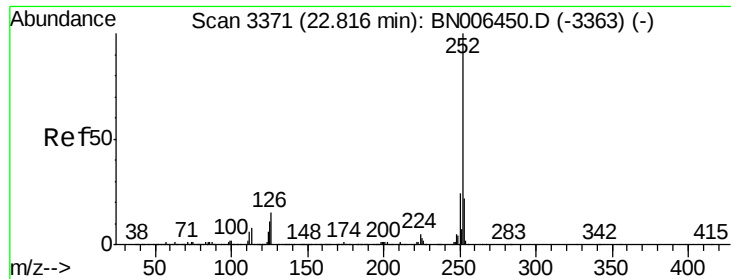
#84
 Chrysene
 Concen: 1.876 ng/ul
 RT: 21.30 min Scan# 3113
 Delta R.T. 0.01 min
 Lab File: BN006464.D
 Acq: 21 Jun 2019 13:45

Tgt Ion:228 Resp: 186918
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.2 36.2
 229 21.5 15.9 23.9



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

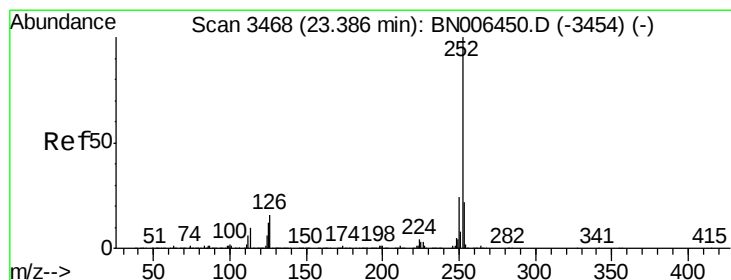
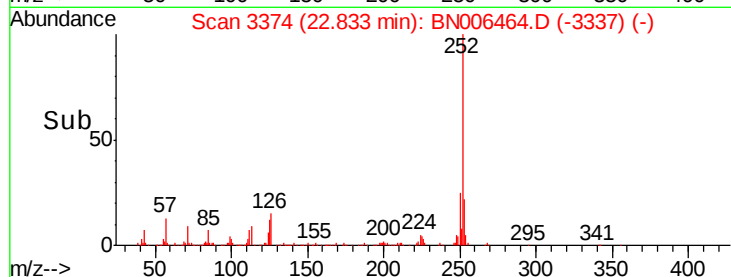
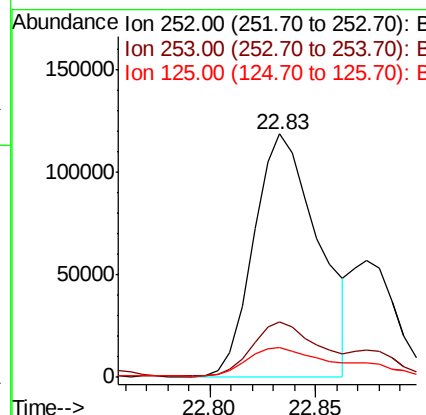
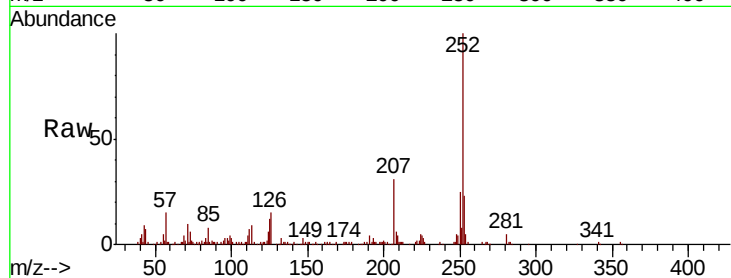




#87
Benzo(b)fluoranthene
Concen: 2.763 ng/ul
RT: 22.83 min Scan# 3374
Delta R.T. 0.02 min
Lab File: BN006464.D
Acq: 21 Jun 2019 13:45

Instrument :
BNA_N
ClientSampleId :
A4202MSD

Tot Ion:252 Resp: 250739
Ion Ratio Lower Upper
252 100
253 22.5 17.7 26.5
125 12.3 9.0 13.6



#90
Benzo(a)pyrene
Concen: 1.657 ng/ul
RT: 23.40 min Scan# 3471
Delta R.T. 0.02 min
Lab File: BN006464.D
Acq: 21 Jun 2019 13:45

Tgt Ion:252 Resp: 144221
Ion Ratio Lower Upper
252 100
253 20.8 17.7 26.5
125 12.0 10.0 15.0

