

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042919\
 Data File : BN005362.D
 Acq On : 29 Apr 2019 21:27
 Operator : JU/SJ
 Sample : K2456-22MEDL 10X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 30 00:54:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	317542	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1337497	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	806320	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.98	188	1854041	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1856572	20.00	ng/ul	-0.02
85) Perylene-d12	23.40	264	2135423	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	3226	0.49	ng/uL	0.00
5) Phenol-d5	6.78	99	50647	2.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	35395	2.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	42747	2.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	33216	1.70	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	23734	2.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	23093	2.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	41492	2.17	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	59484	3.02	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	166679	2.85	ng/ul	-0.01
46) Acenaphthylene-d8	13.91	160	198678	2.76	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.46	143	11694	1.27	ng/ul	0.03
57) Fluorene-d10	15.22	176	146163	2.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	9447	1.13	ng/ul	0.00
70) Anthracene-d10	17.07	188	234919	3.02	ng/ul	-0.01
78) Pyrene-d10	19.39	212	264850	2.79	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.26	264	266796	2.86	ng/ul	-0.04

Target Compounds

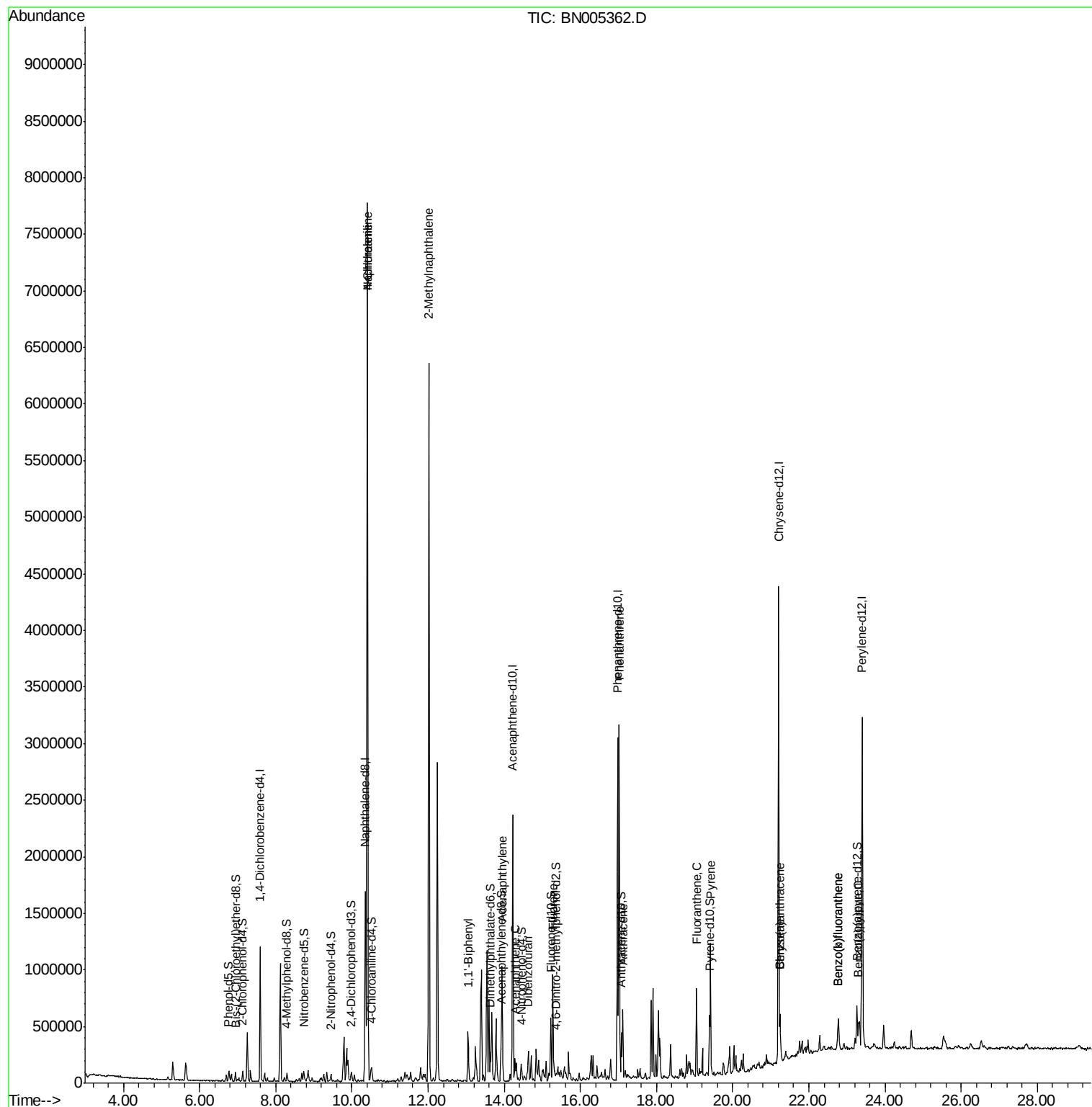
					Ovalue	
28) Naphthalene	10.40	128	6177908	99.358	ng/ul	99
30) 4-Chloroaniline	10.40	127	822541	40.934	ng/ul#	14
34) 2-Methylnaphthalene	12.02	142	3004085	65.984	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	213158	3.548	ng/ul#	95
47) Acenaphthylene	13.94	152	603278	8.539	ng/ul	98
49) Acenaphthene	14.29	153	75502	1.565	ng/ul	98
53) Dibenzofuran	14.63	168	72066	1.038	ng/ul	96
58) Fluorene	15.28	166	427735	7.894	ng/ul	97
69) Phenanthrene	17.02	178	1943422	21.523	ng/ul	99
71) Anthracene	17.11	178	398977	4.338	ng/ul	99
76) Fluoranthene	19.05	202	452945	4.522	ng/ul	98
79) Pyrene	19.42	202	723584	6.053	ng/ul	97
82) Benzo(a)anthracene	21.24	228	215925	1.870	ng/ul	98
84) Chrysene	21.24	228	216583	2.020	ng/ul	98
87) Benzo(b)fluoranthene	22.76	252	122257	1.018	ng/ul	97
88) Benzo(k)fluoranthene	22.76	252	122257	1.066	ng/ul#	95
90) Benzo(a)pyrene	23.30	252	157966	1.400	ng/ul	96

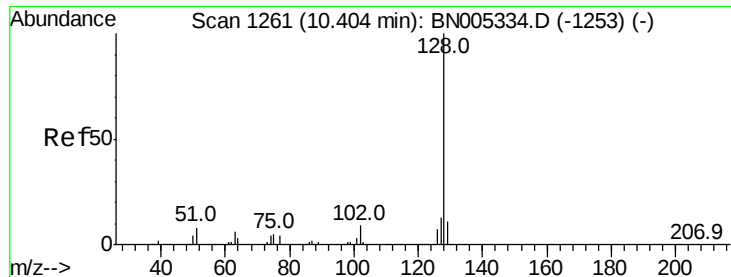
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042919\
Data File : BN005362.D
Acq On : 29 Apr 2019 21:27
Operator : JU/SJ
Sample : K2456-22MEDL 10X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Apr 30 00:54:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration

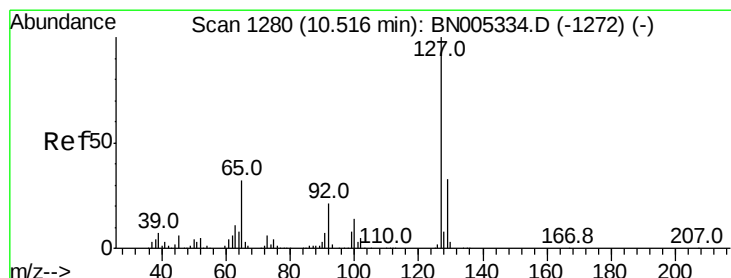
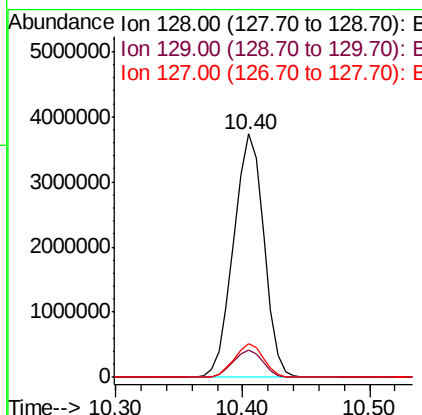
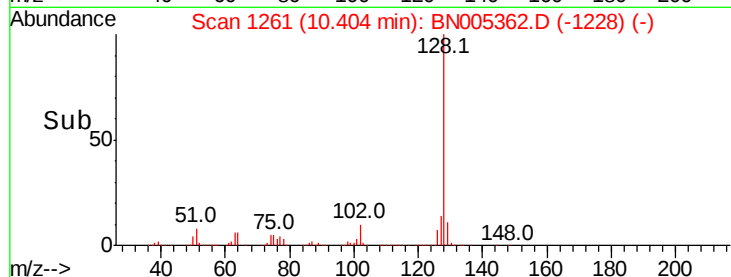
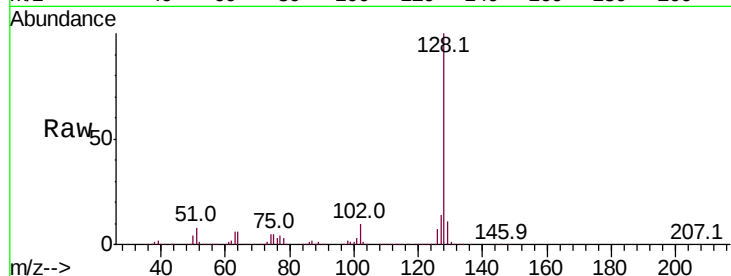




#28
Naphthalene
Concen: 99.358 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

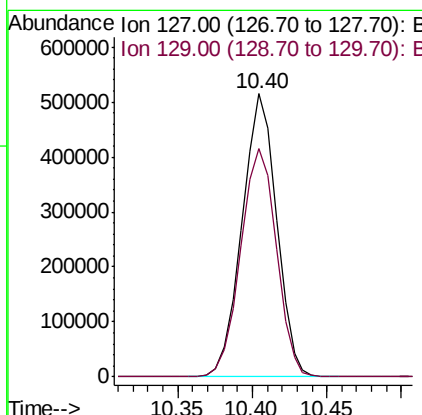
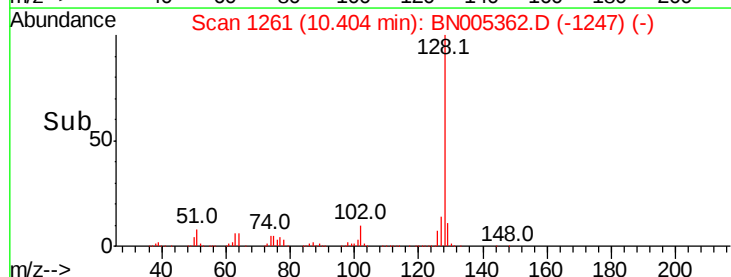
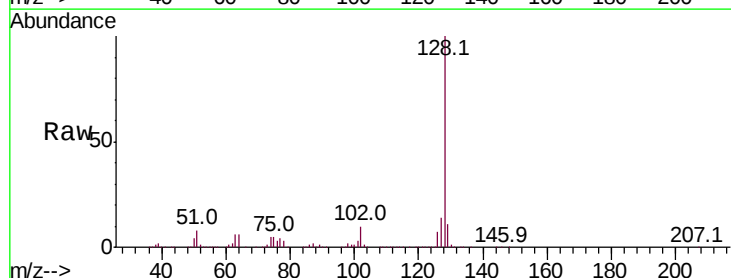
Instrument :
BNA_N
ClientSampled :

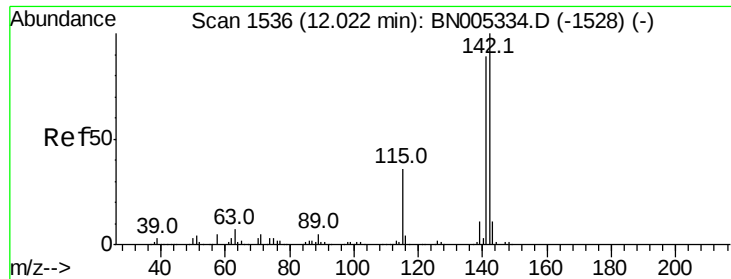
Tot Ion:128 Resp: 6177908
Ion Ratio Lower Upper
128 100
129 11.1 9.2 13.8
127 13.8 10.7 16.1



#30
4-Chloroaniline
Concen: 40.934 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.12 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

Tgt Ion:127 Resp: 822541
Ion Ratio Lower Upper
127 100
129 80.5 25.8 38.6#

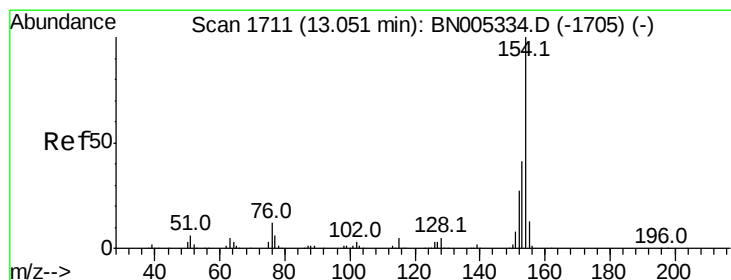
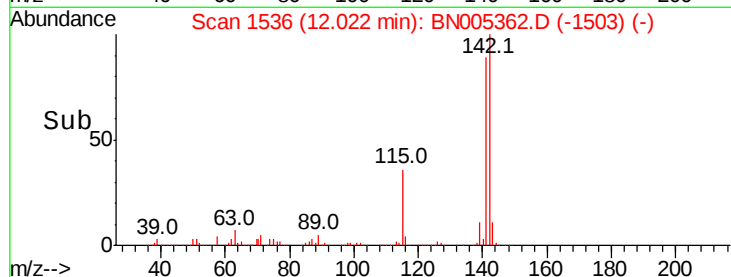
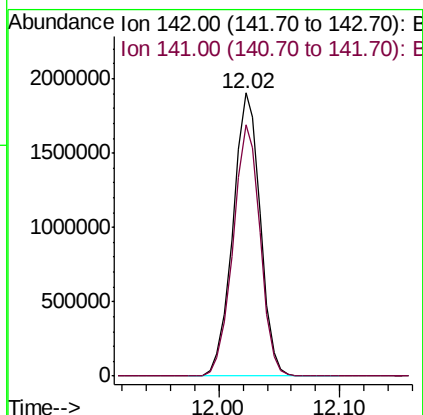
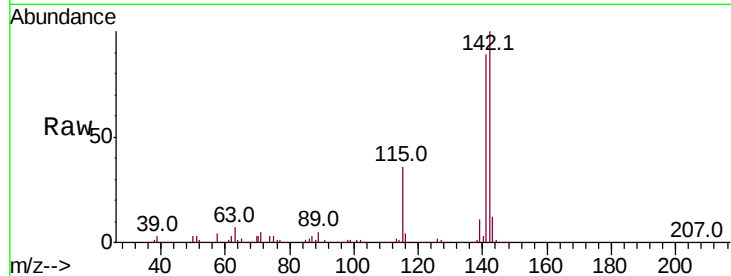




#34
2-Methylnaphthalene
Concen: 65.984 ng/ul
RT: 12.02 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

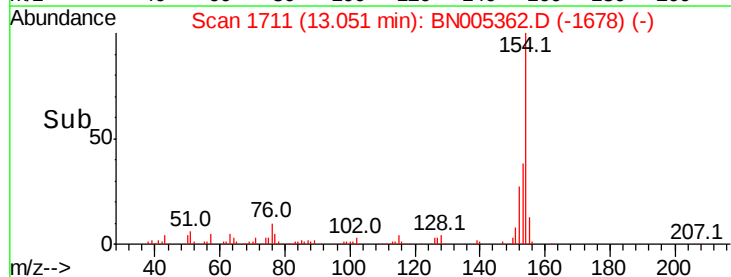
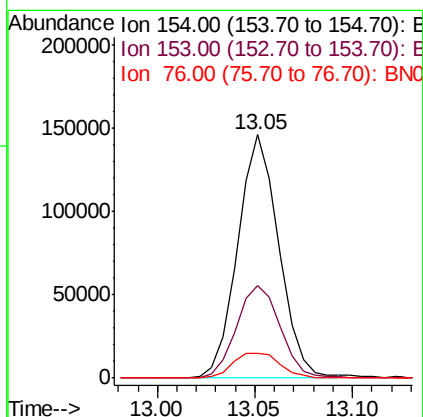
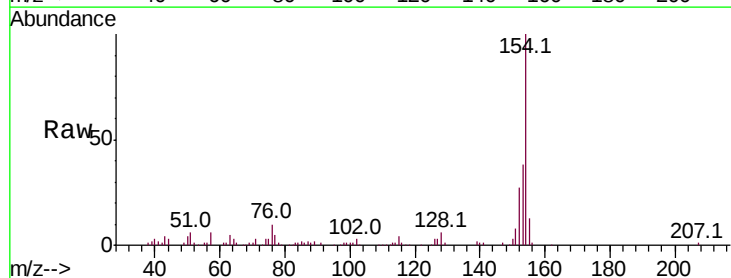
Instrument :
BNA_N
ClientSampleId :

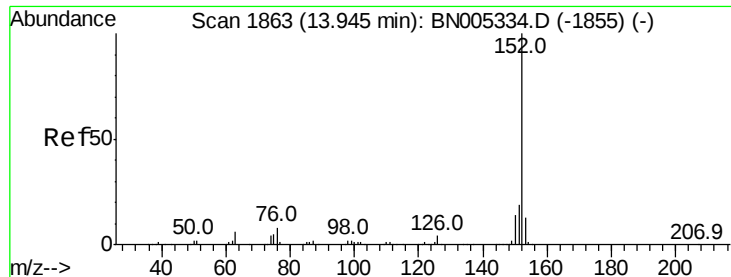
Tot Ion:142 Resp: 3004085
Ion Ratio Lower Upper
142 100
141 89.0 72.0 108.0



#40
1,1'-Biphenyl
Concen: 3.548 ng/ul
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

Tgt Ion:154 Resp: 213158
Ion Ratio Lower Upper
154 100
153 38.2 32.6 49.0
76 10.1 10.4 15.6#





#47

Acenaphthylene

Concen: 8.539 ng/ul

RT: 13.94 min Scan# 1862

Delta R.T. -0.01 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

Instrument :

BNA_N

ClientSampled :

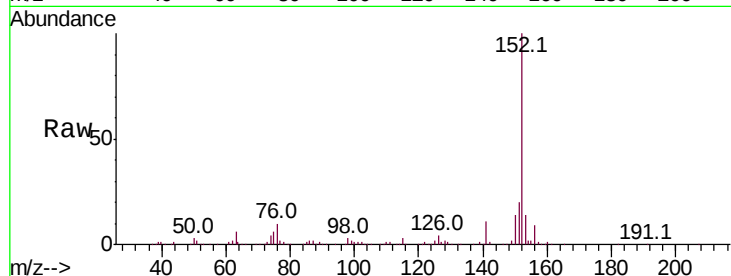
Tot Ion:152 Resp: 603278

Ion Ratio Lower Upper

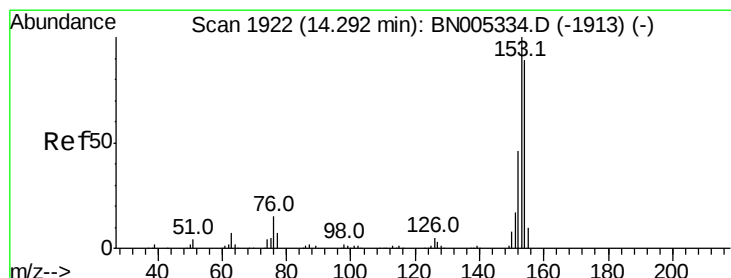
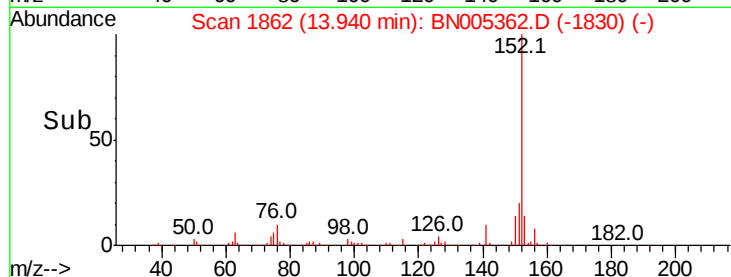
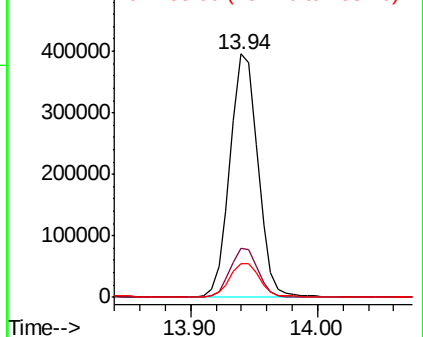
152 100

151 20.2 15.8 23.8

153 13.9 9.8 14.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Acenaphthene

Concen: 1.565 ng/ul

RT: 14.29 min Scan# 1921

Delta R.T. -0.01 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

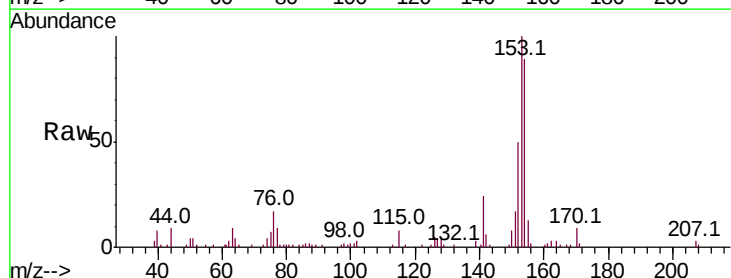
Tgt Ion:153 Resp: 75502

Ion Ratio Lower Upper

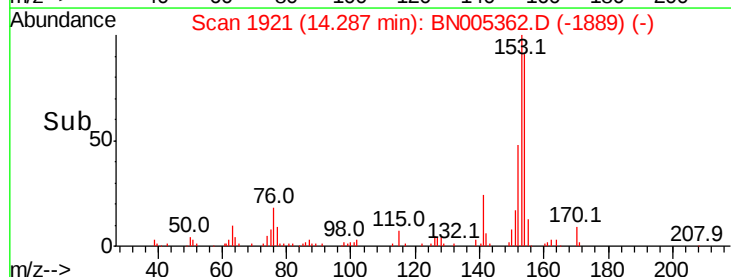
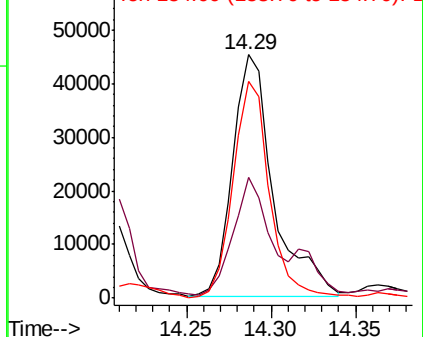
153 100

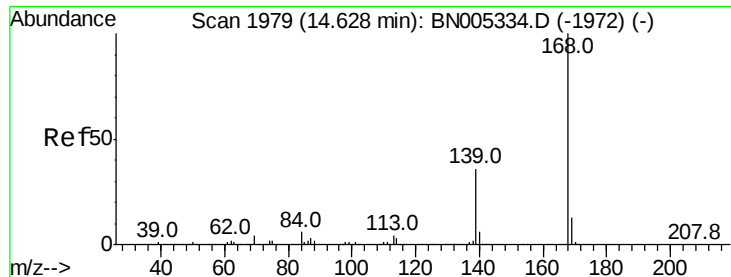
152 49.7 37.4 56.0

154 88.9 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





#53

Dibenzenofuran

Concen: 1.038 ng/ul

RT: 14.63 min Scan# 1979

Delta R.T. -0.01 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

Instrument :

BNA_N

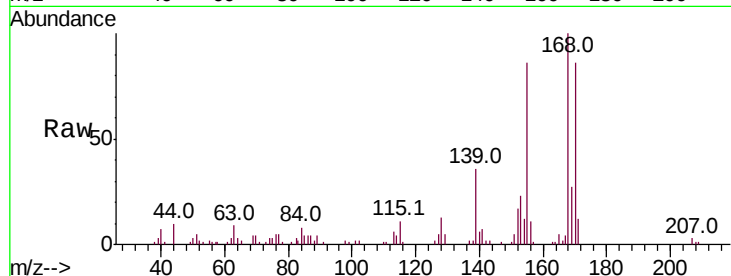
ClientSampleId :

Tot Ion:168 Resp: 72066

Ion Ratio Lower Upper

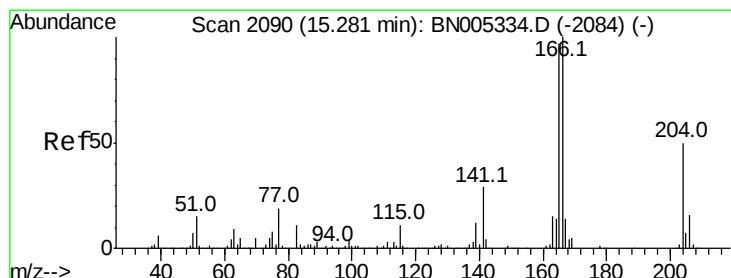
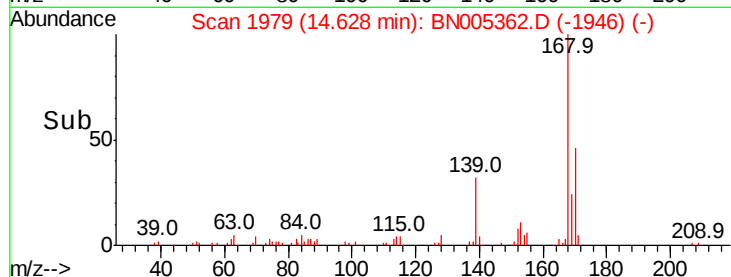
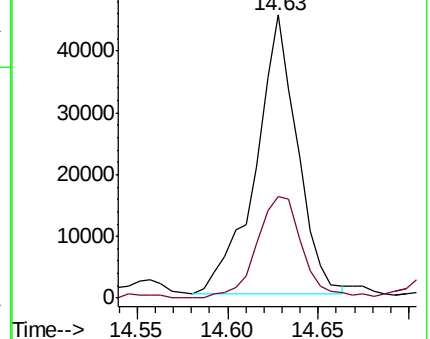
168 100

139 36.1 30.9 46.3



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 7.894 ng/ul

RT: 15.28 min Scan# 2090

Delta R.T. -0.01 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

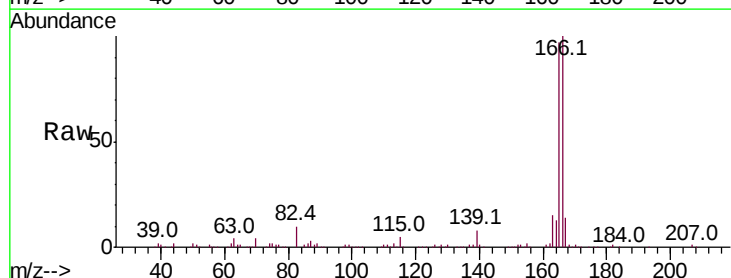
Tgt Ion:166 Resp: 427735

Ion Ratio Lower Upper

166 100

165 97.4 80.0 120.0

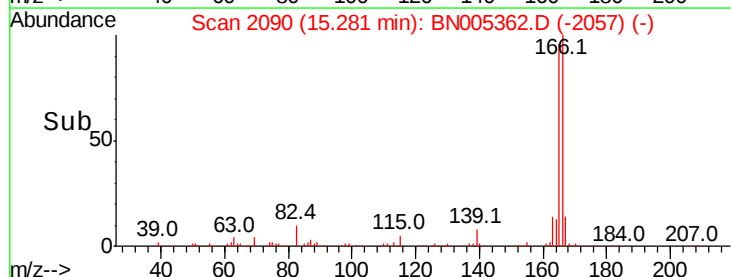
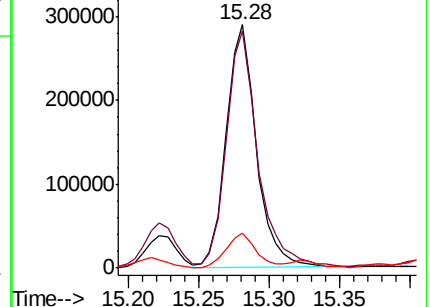
167 14.4 10.7 16.1

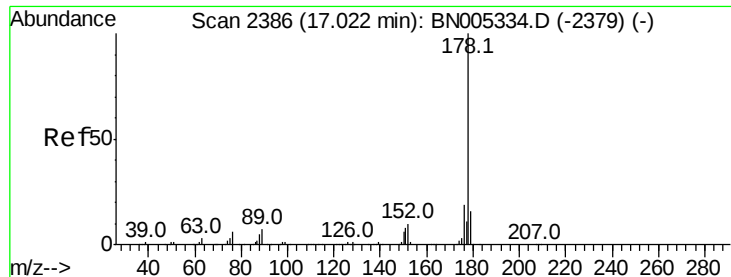


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 21.523 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

Instrument :

BNA_N

ClientSampleId :

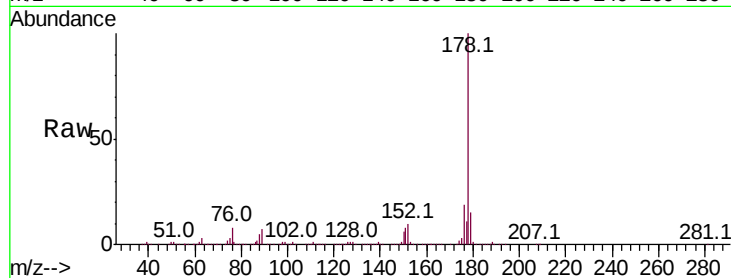
Tot Ion:178 Resp: 1943422

Ion Ratio Lower Upper

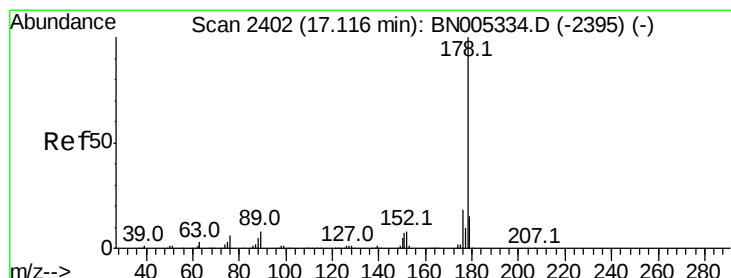
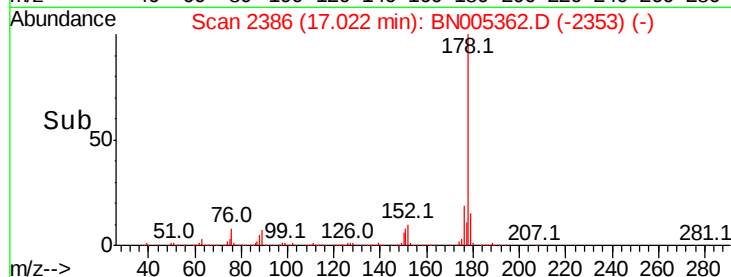
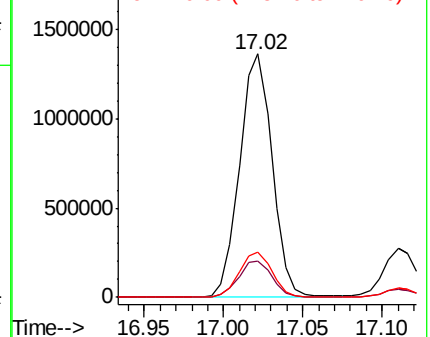
178 100

179 15.1 12.2 18.4

176 18.6 15.1 22.7



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



#71

Anthracene

Concen: 4.338 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.01 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

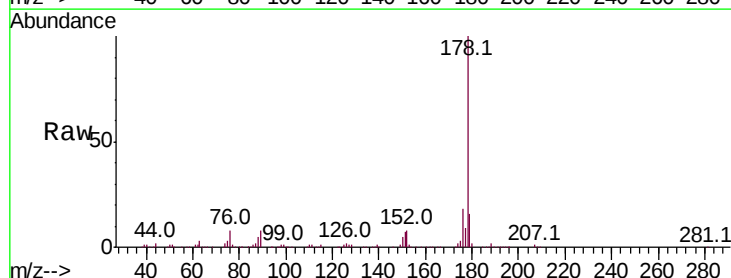
Tgt Ion:178 Resp: 398977

Ion Ratio Lower Upper

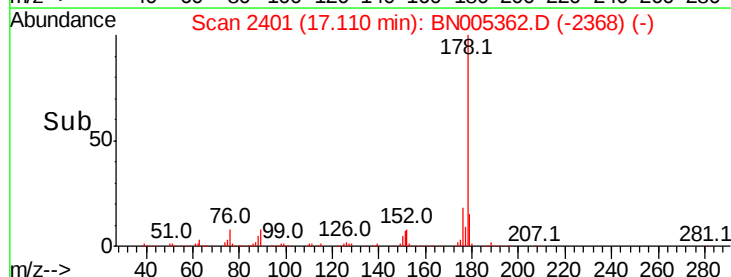
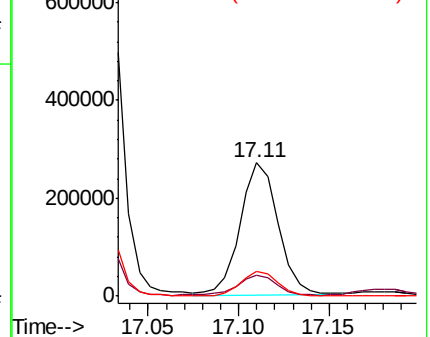
178 100

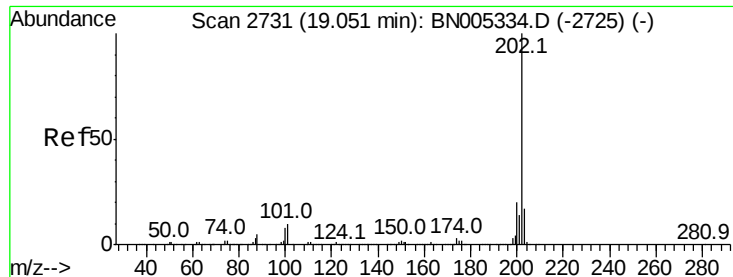
179 15.7 12.3 18.5

176 18.2 15.1 22.7



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

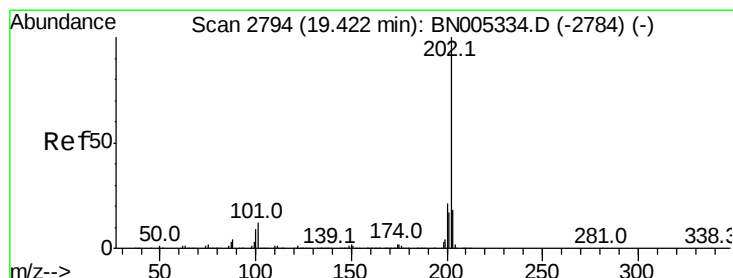
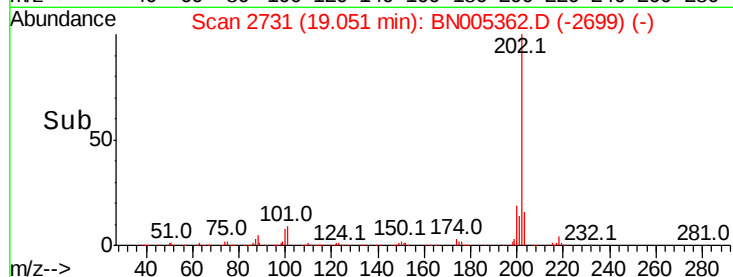
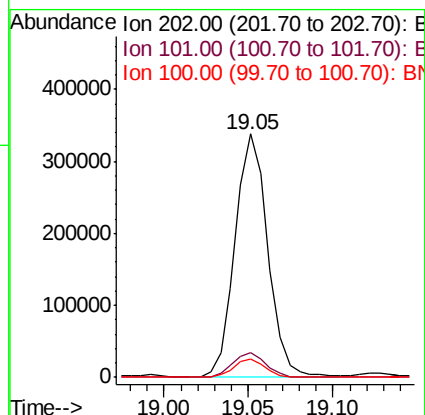
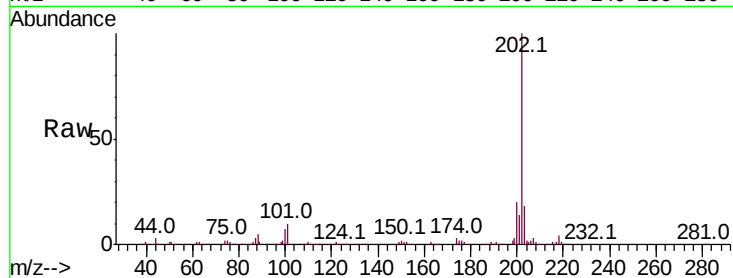




#76
Fluoranthene
Concen: 4.522 ng/ul
RT: 19.05 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

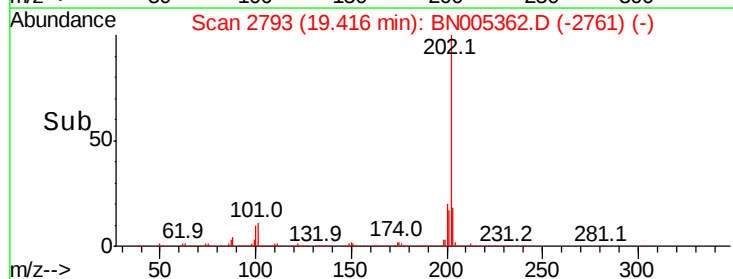
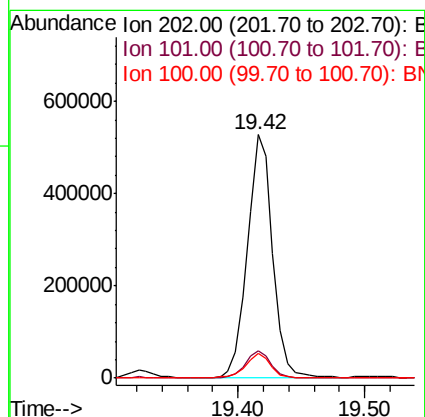
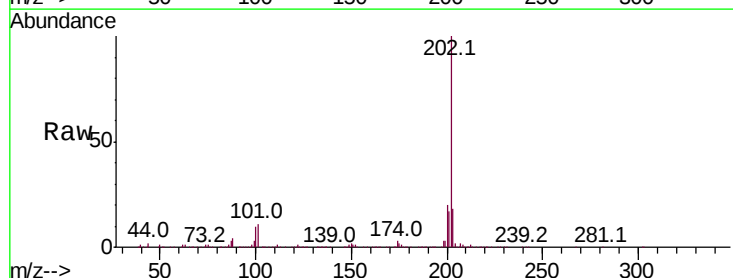
Instrument :
BNA_N
ClientSampled :

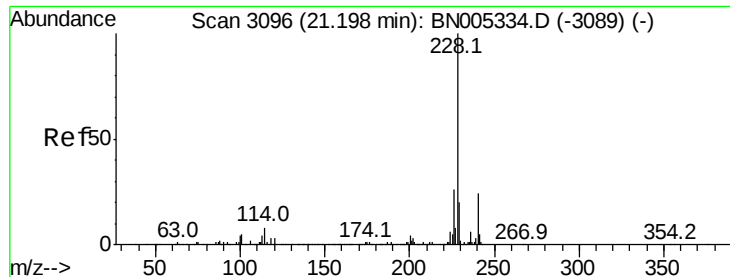
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.0	8.6	12.8
100	7.4	6.3	9.5



#79
Pyrene
Concen: 6.053 ng/ul
RT: 19.42 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	10.3	15.5
100	10.0	7.9	11.9

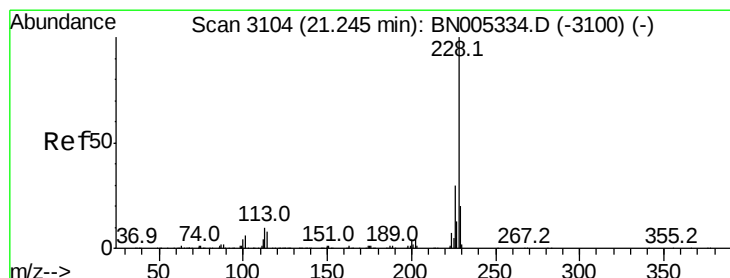
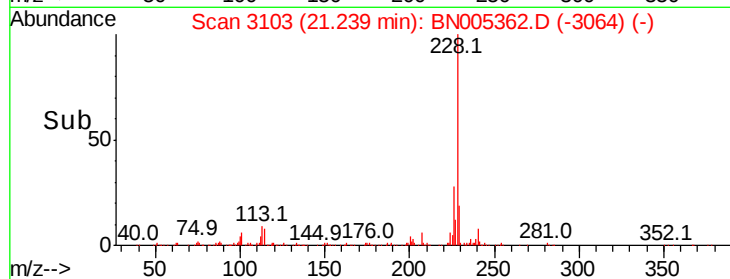
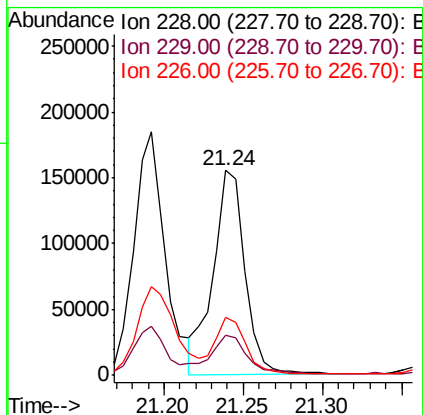
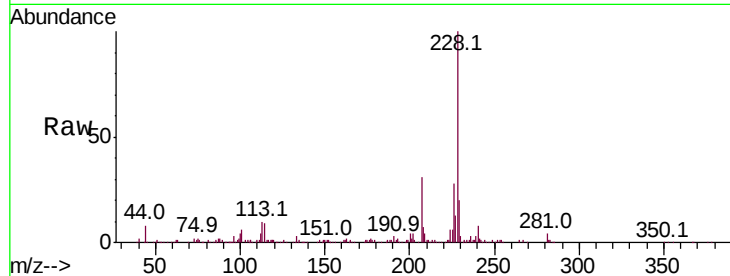




#82
Benzo(a)anthracene
Concen: 1.870 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.03 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

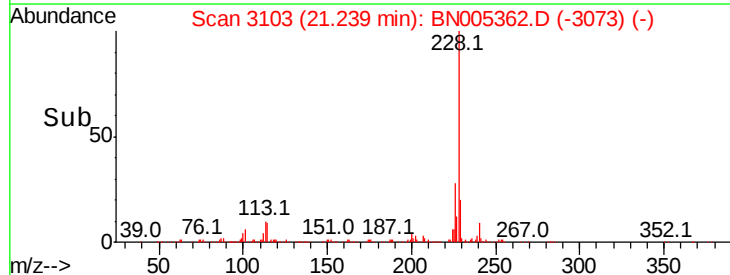
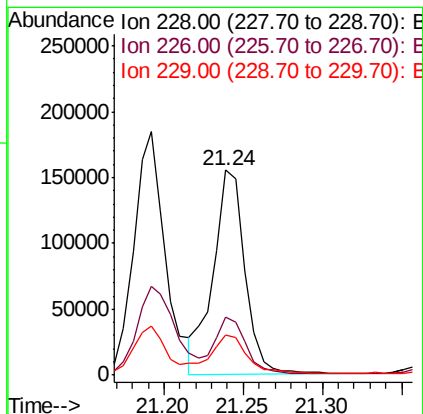
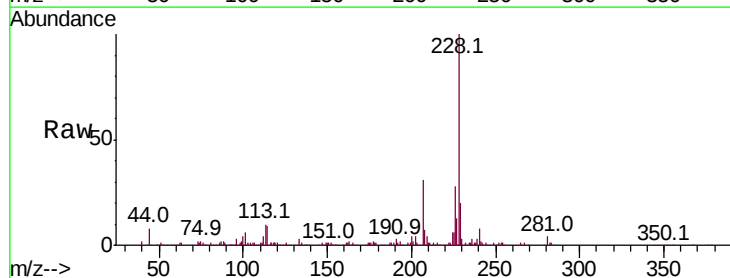
Instrument :
BNA_N
ClientSampleId :

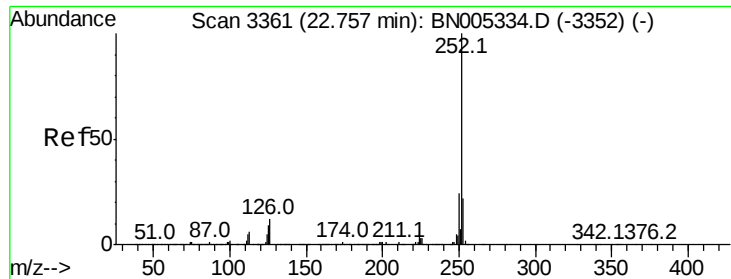
Tot Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.8	23.6
226	28.3	21.4	32.2



#84
Chrysene
Concen: 2.020 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.02 min
Lab File: BN005362.D
Acq: 29 Apr 2019 21:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.0	36.0
229	19.8	15.4	23.0





#87

Benzo(b)fluoranthene

Concen: 1.018 ng/ul

RT: 22.76 min Scan# 3361

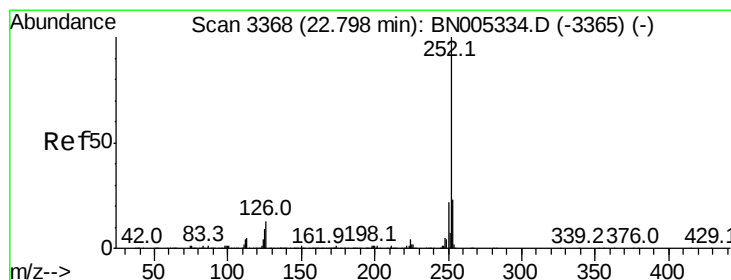
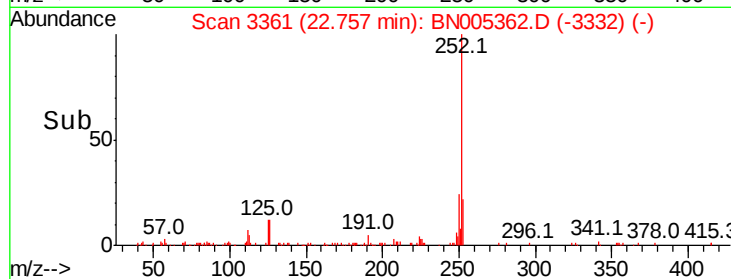
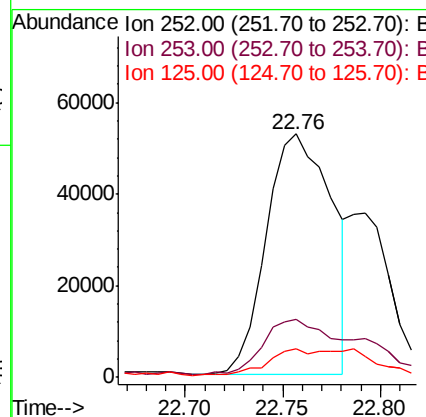
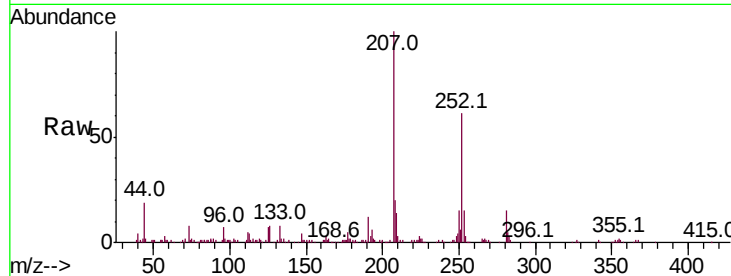
Delta R.T. -0.03 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.7	26.5
125	11.6	8.4	12.6



#88

Benzo(k)fluoranthene

Concen: 1.066 ng/ul

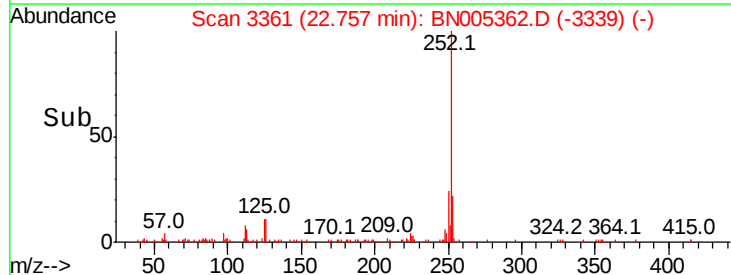
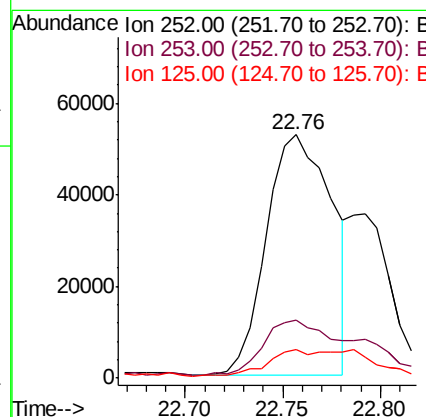
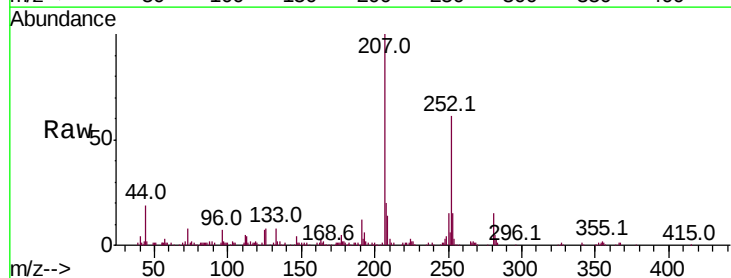
RT: 22.76 min Scan# 3361

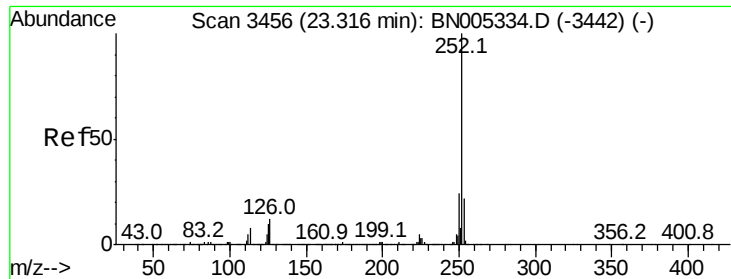
Delta R.T. -0.07 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	11.6	7.5	11.3





#90

Benzo(a)pyrene

Concen: 1.400 ng/ul

RT: 23.30 min Scan# 3454

Delta R.T. -0.04 min

Lab File: BN005362.D

Acq: 29 Apr 2019 21:27

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 157966

Ion Ratio Lower Upper

252 100

253 23.5 17.3 25.9

125 9.4 8.6 13.0

