

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042920\
 Data File : BN010645.D
 Acq On : 29 Apr 2020 06:30
 Operator : CG/JU
 Sample : L2418-12DL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 CB622DL

Manual Integrations
 APPROVED

mohammad
 4/30/2020 12:03:37 AM

Quant Time: Apr 29 07:06:44 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Apr 27 19:29:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	485886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	2120651	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	1331781	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	2958677	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	2615869	20.00	ng/ul	-0.01
86) Perylene-d12	23.32	264	2359629	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	10763m	1.16	ng/uL	0.00
5) Phenol-d5	6.78	99	84270	2.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	170714	8.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	231414	7.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	162268	5.02	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	138082	8.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	142954	7.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	292184	8.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	323887	7.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	949285	9.61	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1120777	9.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.43	143	29875	1.55	ng/ul	0.00
58) Fluorene-d10	15.20	176	842202	9.50	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	84740	5.48	ng/ul	-0.01
71) Anthracene-d10	17.05	188	1306527	9.53	ng/ul	-0.01
79) Pyrene-d10	19.36	212	1450426	9.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1096152	8.96	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.23	88	27441	2.793	ng/uL 93
16) 4-Methylphenol	8.35	108	1479324	43.989	ng/ul 86
28) Naphthalene	10.39	128	544785	4.780	ng/ul 98
34) 2-Methylnaphthalene	12.00	142	91046	1.130	ng/ul 96
45) Dimethylphthalate	13.67	163	113814	1.109	ng/ul 99
50) Acenaphthene	14.27	153	242617	2.767	ng/ul 93
54) Dibenzofuran	14.61	168	136948	1.116	ng/ul 98
59) Fluorene	15.26	166	169262	1.682	ng/ul 95
70) Phenanthrene	17.00	178	423635	2.578	ng/ul 98
75) Carbazole	17.36	167	305159	2.231	ng/ul 99

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

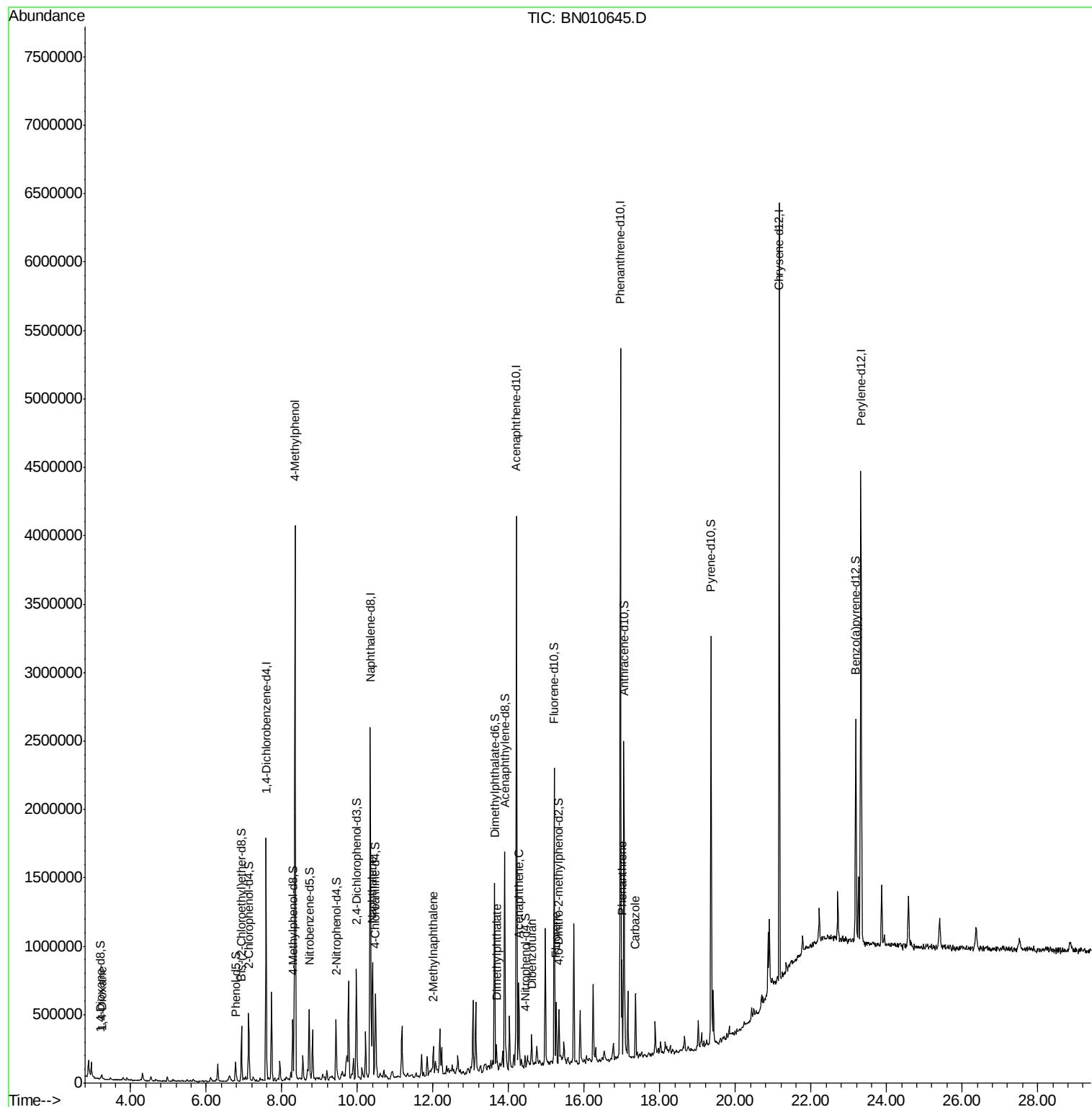
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042920\
Data File : BN010645.D
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ALS Vial : 25 Sample Multiplier: 1

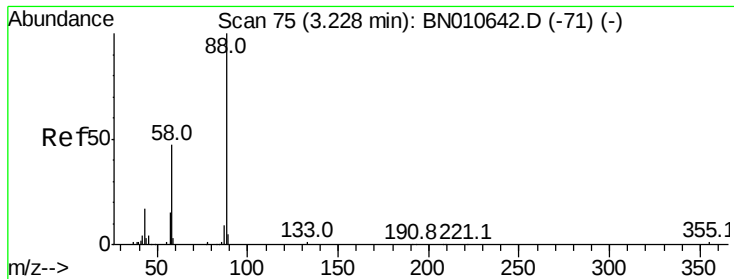
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN040920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 27 19:29:38 2020
Response via : Initial Calibration





#2

1,4-Dioxane

Concen: 2.793 ng/uL

RT: 3.23 min Scan# 76

Delta R.T. 0.00 min

Lab File: BN010645.D

Acq: 29 Apr 2020 06:30

Instrument :

BNA_N

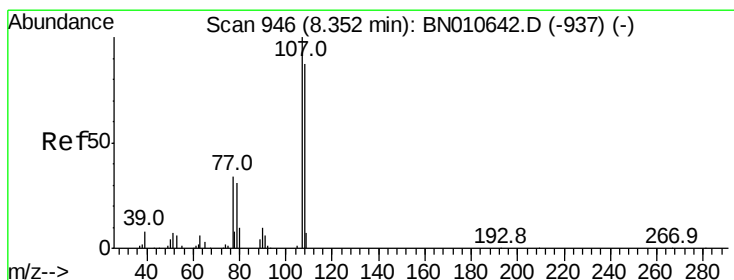
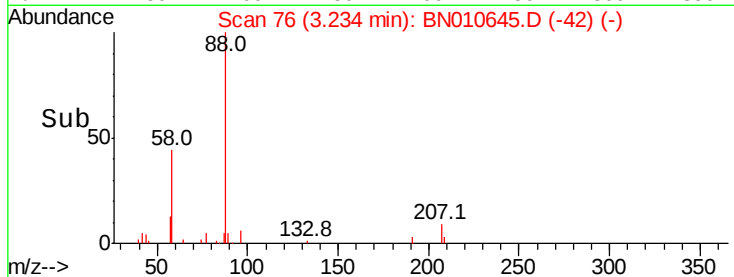
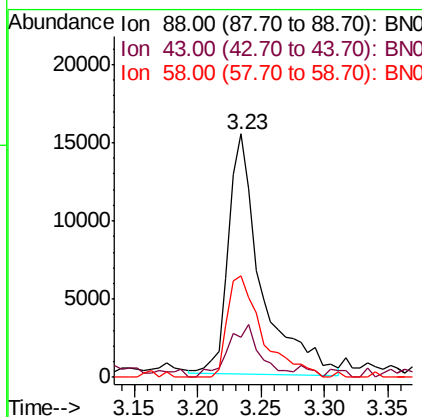
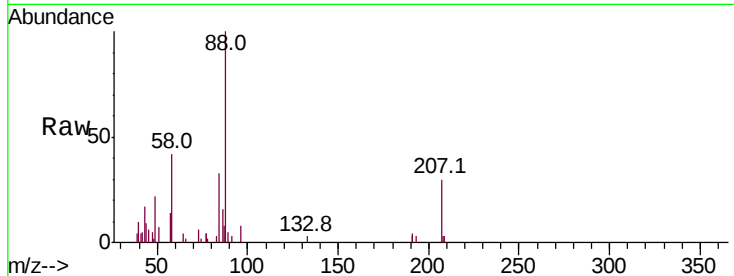
ClientSampleId :

CB622DL

Tot Ion:	88	Resp:	27441
Ion Ratio	Lower	Upper	
88	100		
43	16.6	16.5	24.7
58	41.6	36.7	55.1

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#16

4-Methylphenol

Concen: 43.989 ng/uL

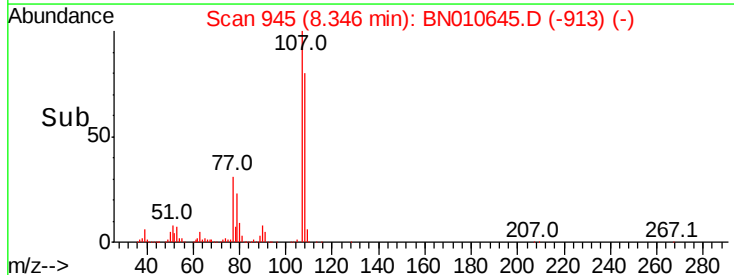
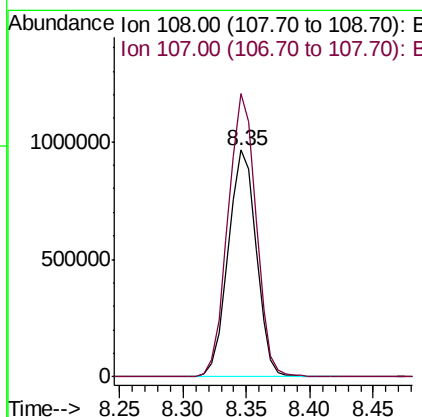
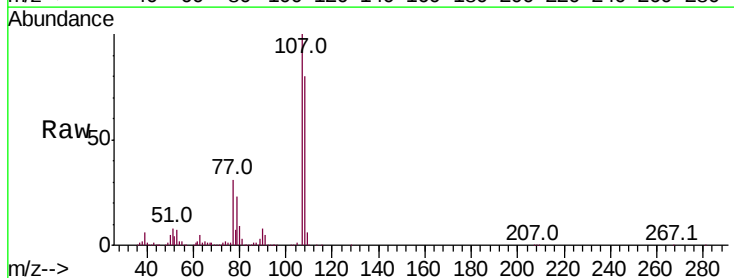
RT: 8.35 min Scan# 945

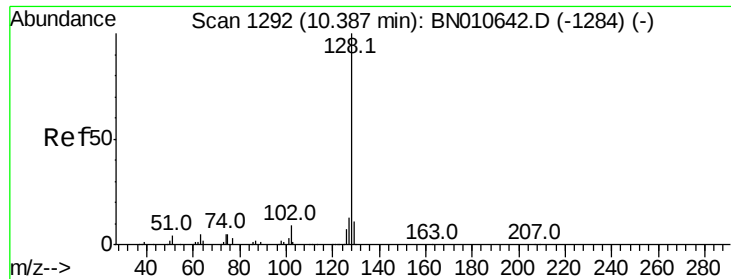
Delta R.T. -0.01 min

Lab File: BN010645.D

Acq: 29 Apr 2020 06:30

Tgt Ion:	108	Resp:	1479324
Ion Ratio	Lower	Upper	
108	100		
107	125.0	88.4	132.6





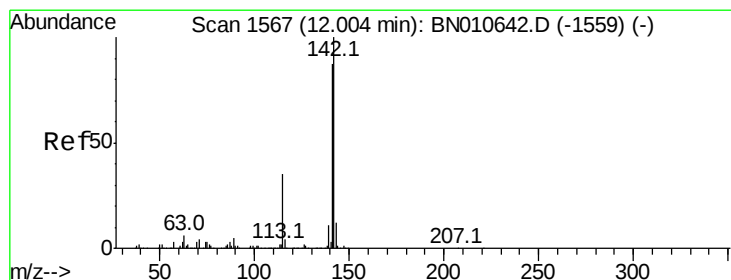
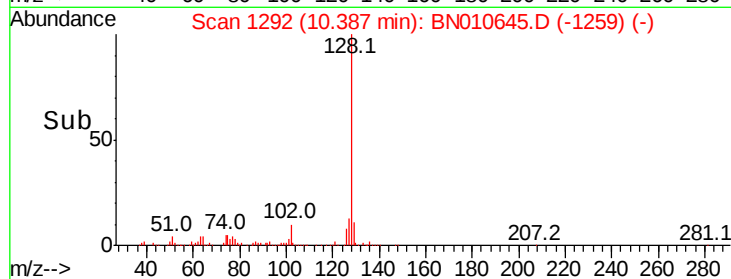
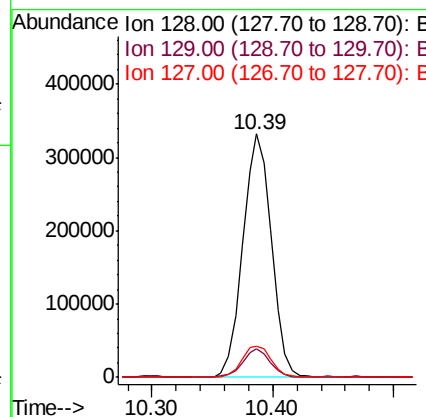
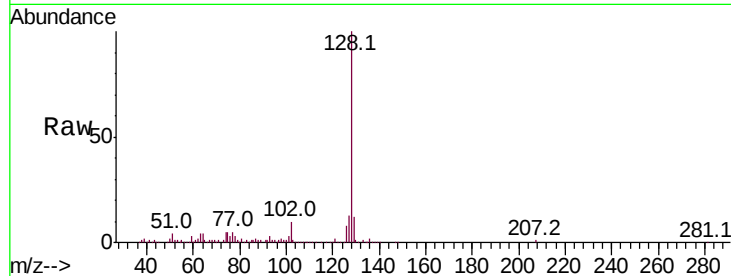
#28
Naphthalene
Concen: 4.780 ng/ul
RT: 10.39 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BN010645.D
Acq: 29 Apr 2020 06:30

Instrument :
BNA_N
ClientSampled :
CB622DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	12.7	10.7	16.1

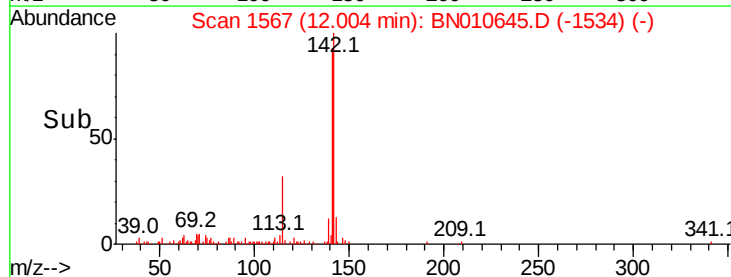
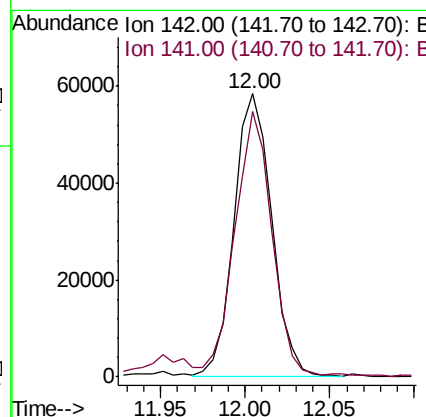
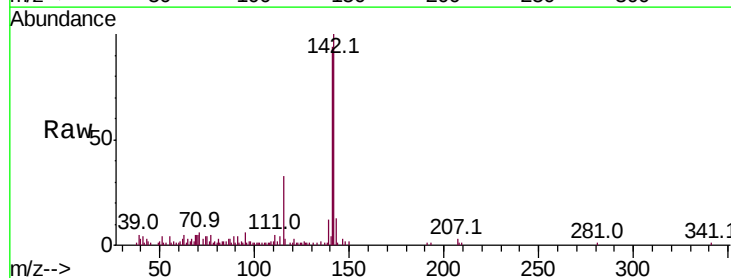
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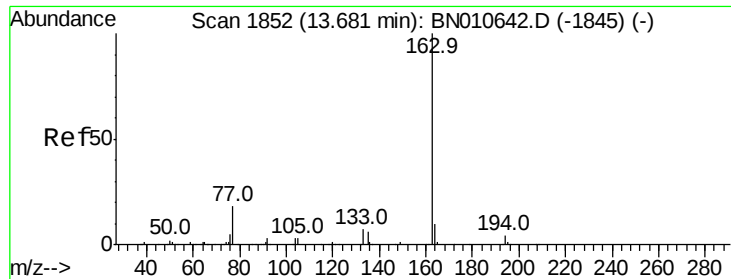
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#34
2-Methylnaphthalene
Concen: 1.130 ng/ul
RT: 12.00 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010645.D
Acq: 29 Apr 2020 06:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.6	71.8	107.8





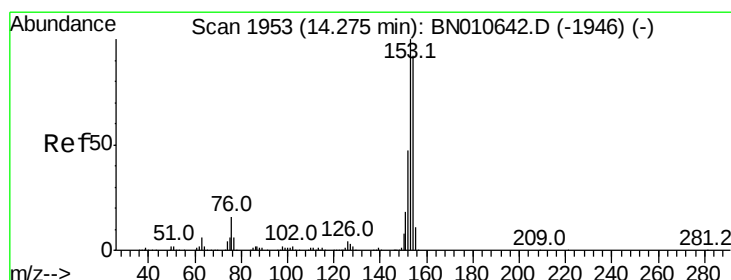
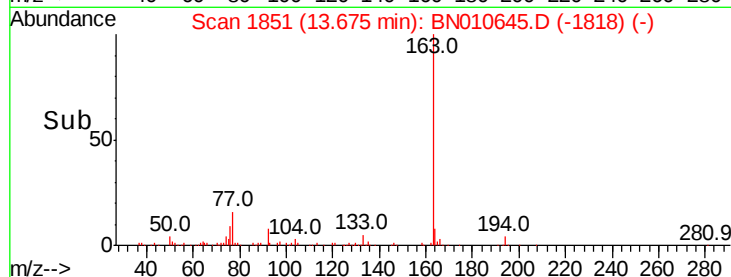
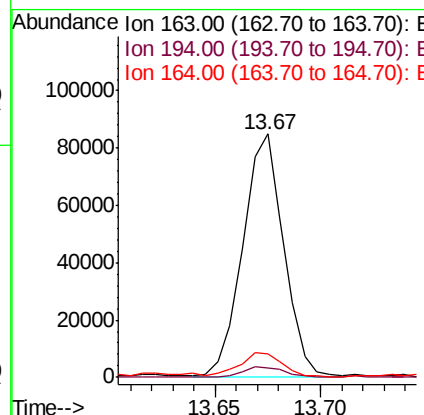
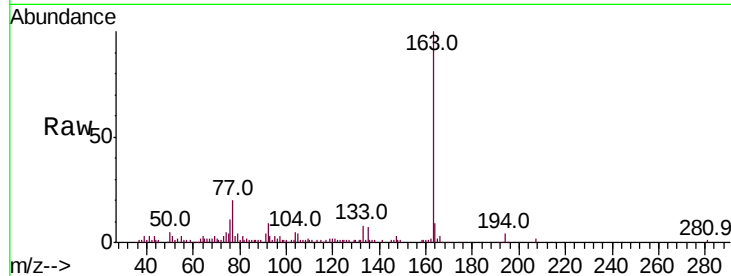
#45
Dimethylphthalate
Concen: 1.109 ng/ul
RT: 13.67 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BN010645.D
Acq: 29 Apr 2020 06:30

Instrument :
BNA_N
ClientSampled :
CB622DL

Tot Ion	Ratio	Resp	Lower	Upper
163	100	113814		
194	3.9		3.3	4.9
164	9.4		8.0	12.0

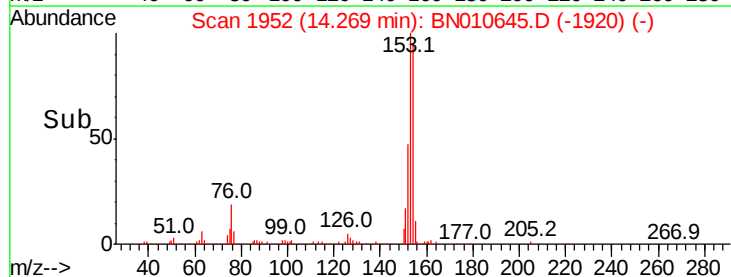
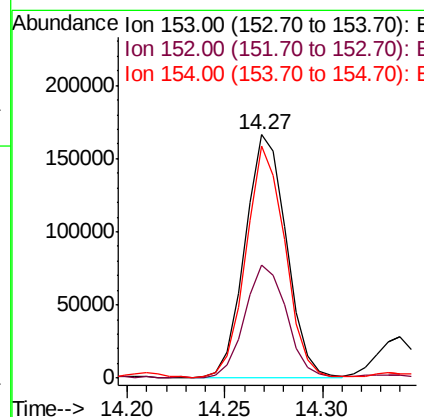
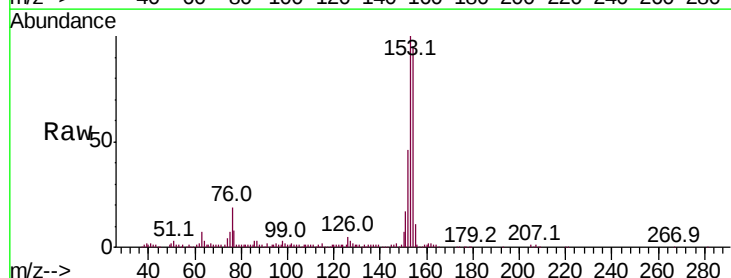
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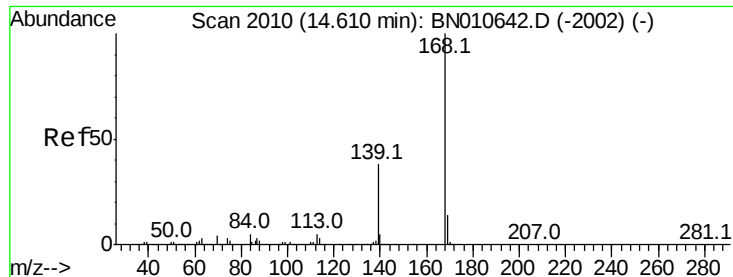
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#50
Acenaphthene
Concen: 2.767 ng/ul
RT: 14.27 min Scan# 1952
Delta R.T. -0.01 min
Lab File: BN010645.D
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Tgt Ion	Ratio	Resp	Lower	Upper
153	100	242617		
152	46.4		36.8	55.2
154	95.2		68.2	102.2





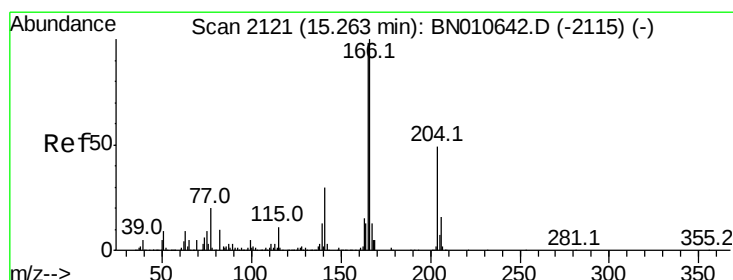
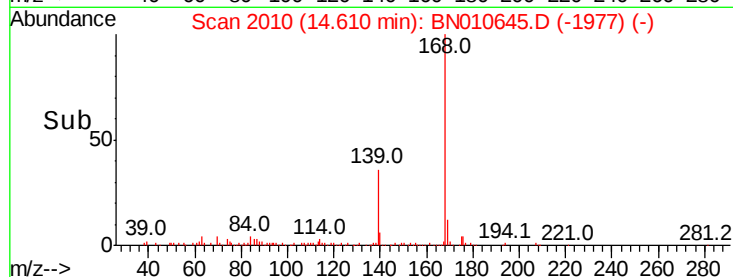
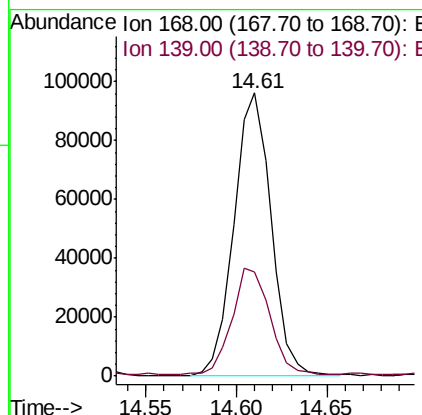
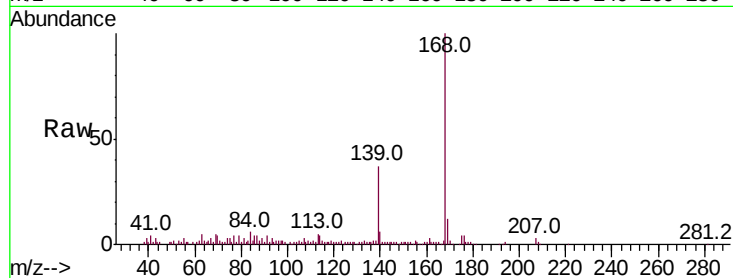
#54
Dibenzenofuran
Concen: 1.116 ng/ul
RT: 14.61 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BN010645.D
Acq: 29 Apr 2020 06:30

Instrument :
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CB622DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.9	30.2	45.4

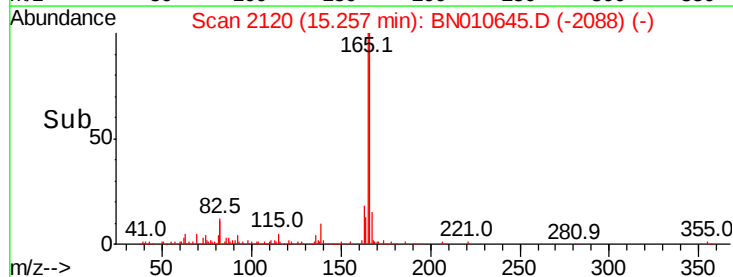
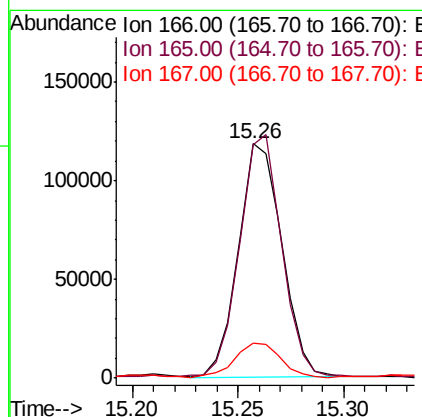
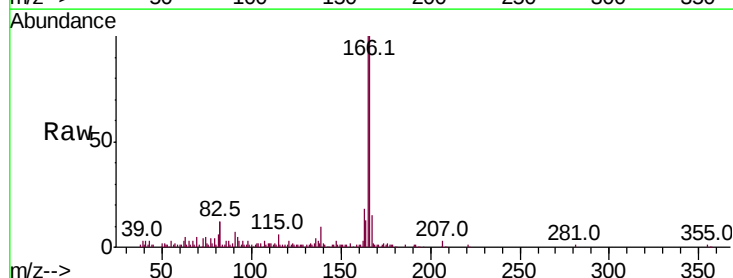
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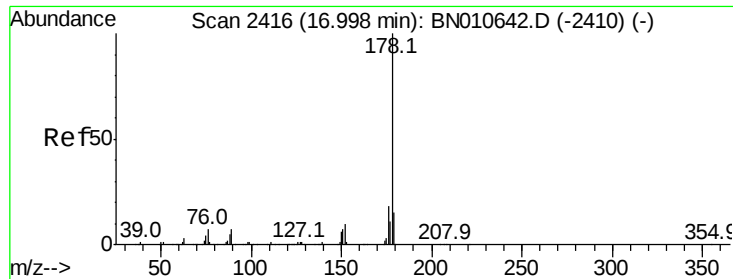
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#59
Fluorene
Concen: 1.682 ng/ul
RT: 15.26 min Scan# 2120
Delta R.T. -0.01 min
Lab File: BN010645.D
Acq: 29 Apr 2020 06:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.8	75.9	113.9
167	15.1	11.2	16.8





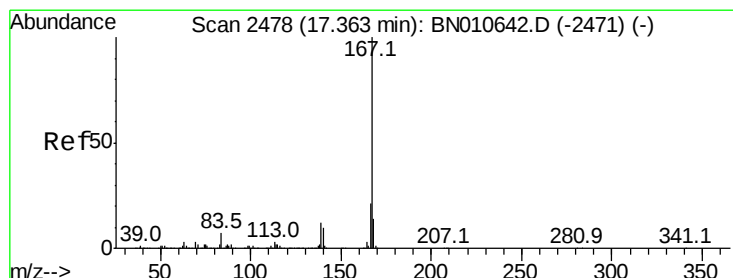
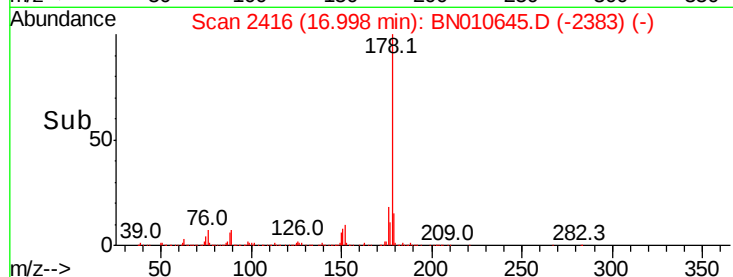
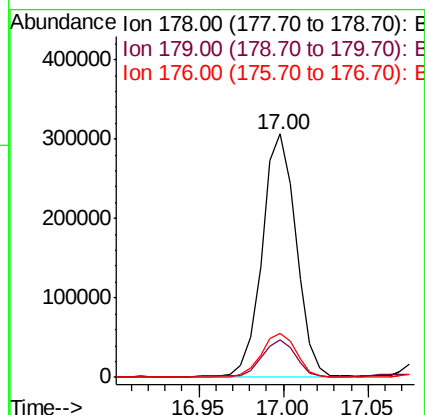
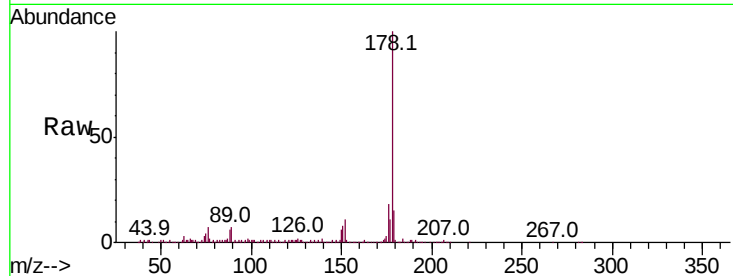
#70
Phenanthrene
Concen: 2.578 ng/ul
RT: 17.00 min Scan# 2416
Delta R.T. -0.01 min
Lab File: BN010645.D
Acq: 29 Apr 2020 06:30

Instrument :
BNA_N
ClientSampleId :
CB622DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.4	17.2
176	17.9	15.3	22.9

Manual Integrations
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#75
Carbazole
Concen: 2.231 ng/ul
RT: 17.36 min Scan# 2478
Delta R.T. 0.00 min
Lab File: BN010645.D
Acq: 29 Apr 2020 06:30

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.3	16.8	25.2
139	13.1	10.1	15.1

