Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111820\
Data File : BN012636.D
Acq On : 19 Nov 2020 17:09
Operator : CG/JU
Sample : L4726-12DL 20X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBGE6DL

Quant Time: Nov 20 00:56:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN102220.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 20 00:51:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	106134	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	412969	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	260296	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	548548	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	566125	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	610590	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.63	99	2304	0.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	8757	1.54	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	8559	1.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	3711	0.47	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	4370	1.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	4372	1.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	8577	1.20	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.52	166	40782	1.92	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	40966	1.61	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.10	176	32395	1.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	3778	1.01	ng/ul	0.00
71) Anthracene-d10	16.95	188	52846	1.90	ng/ul	0.00
79) Pyrene-d10	19.26	212	58368	1.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	63335	1.90	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.26	128	1092409	45.758	ng/ul	98
34) 2-Methylnaphthalene	11.88	142	58090	3.486	ng/ul	89
50) Acenaphthene	14.16	153	54358	2.929	ng/ul	99
54) Dibenzofuran	14.50	168	55668	2.164	ng/ul	96
59) Fluorene	15.16	166	25040	1.165	ng/ul#	89
69) Pentachlorophenol	16.50	266	4574	1.056	ng/ul	89
70) Phenanthrene	16.89	178	36932	1.095	ng/ul	96
75) Carbazole	17.26	167	122080	4.184	ng/ul	99

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

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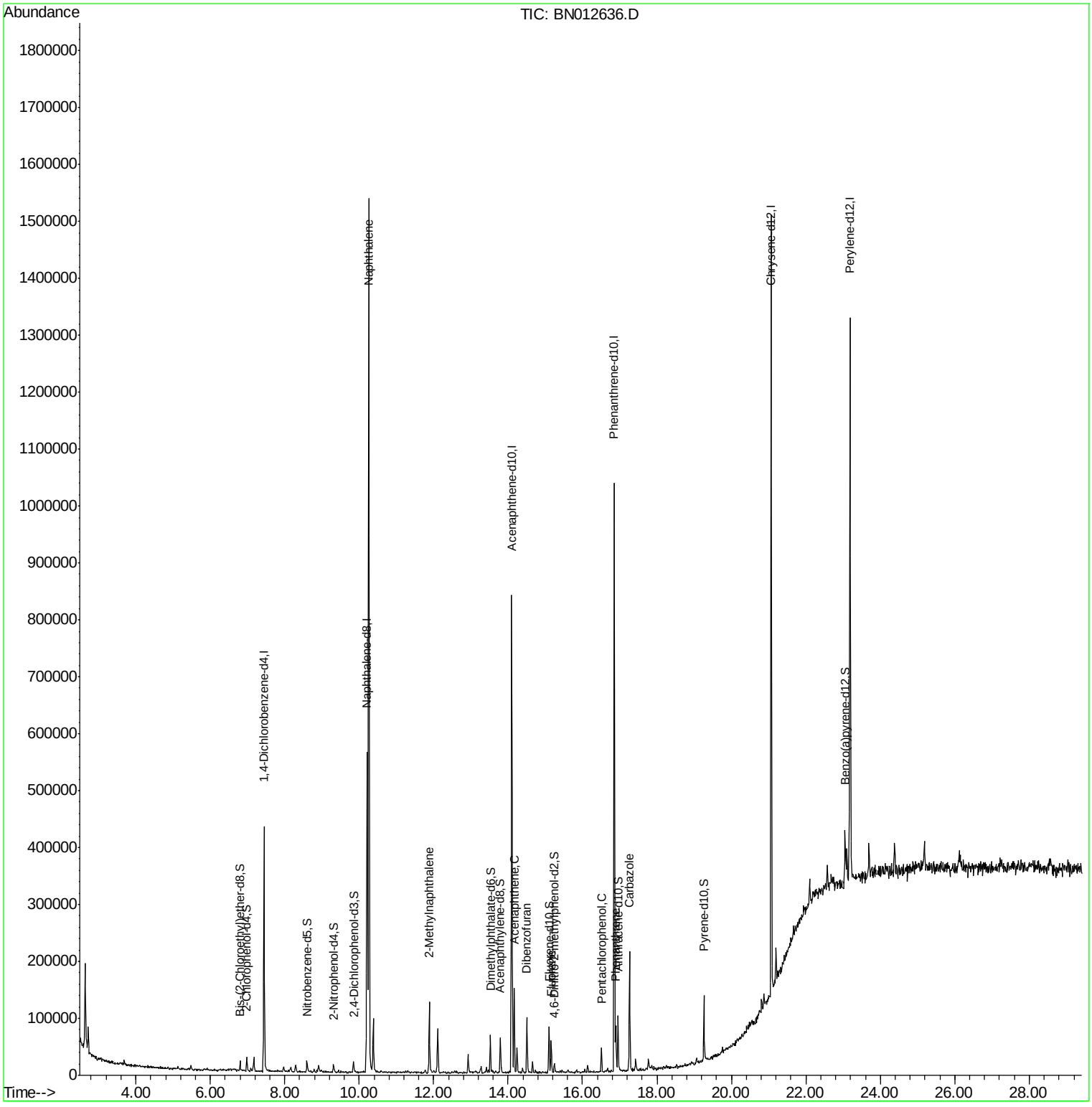
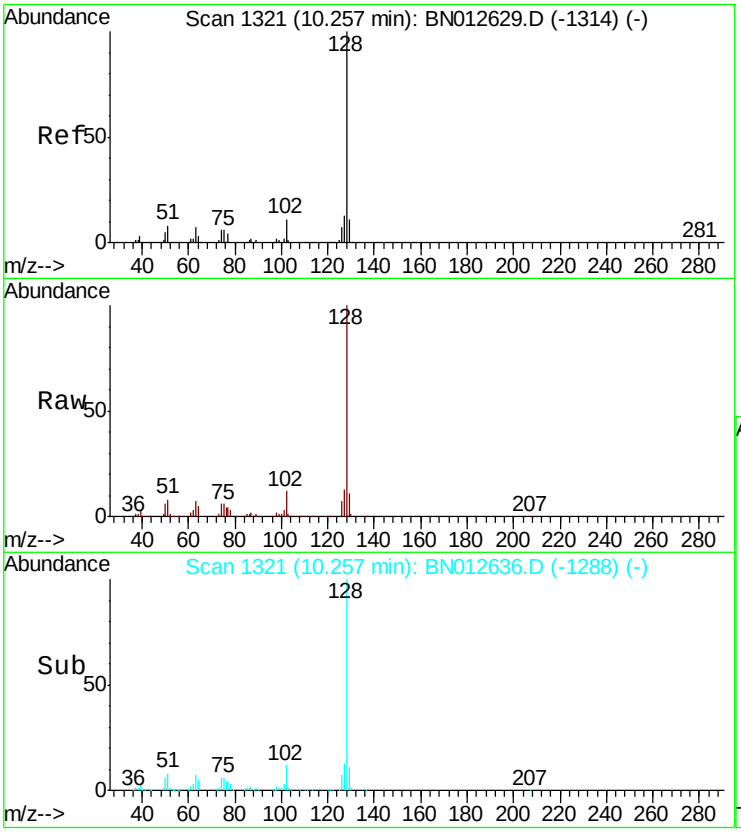


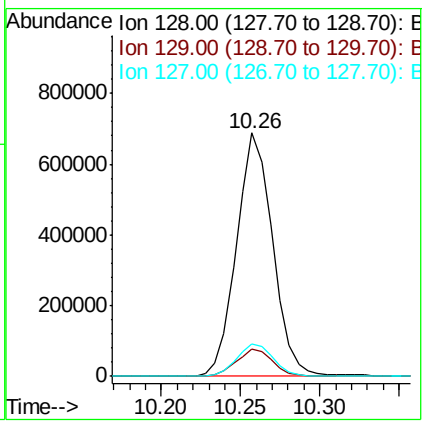


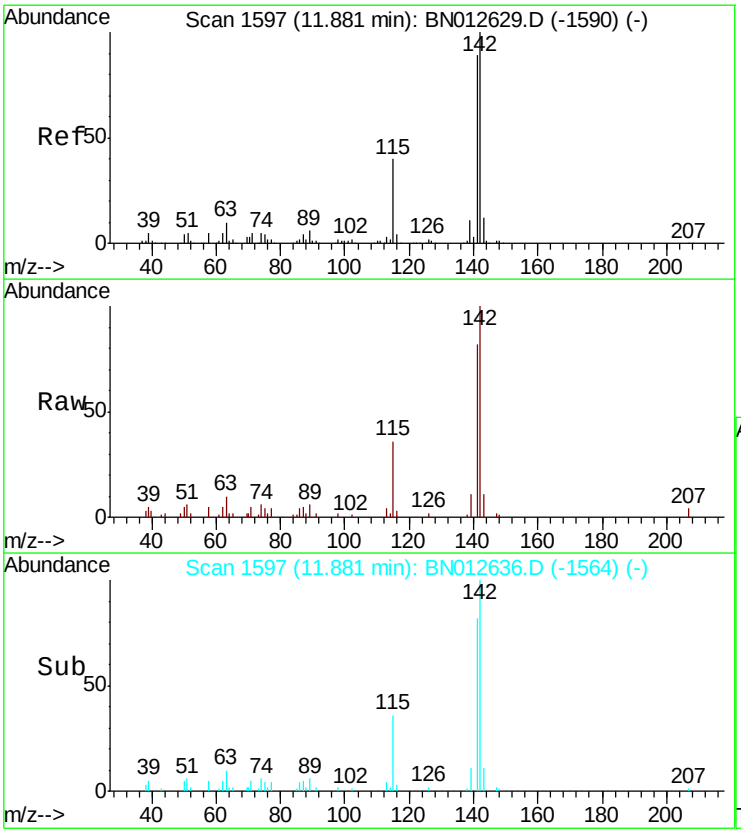
#28
Naphthalene
Concen: 45.758 ng/ul
RT: 10.26 min Scan# 1321
Delta R.T. -0.01 min
Lab File: BN012636.D
Acq: 19 Nov 2020 17:09

Instrument :
BNA_N
ClientSampleId :
DBGE6DL

Tgt Ion:128 Resp: 1092409

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	12.8
127	13.2	11.6	17.4

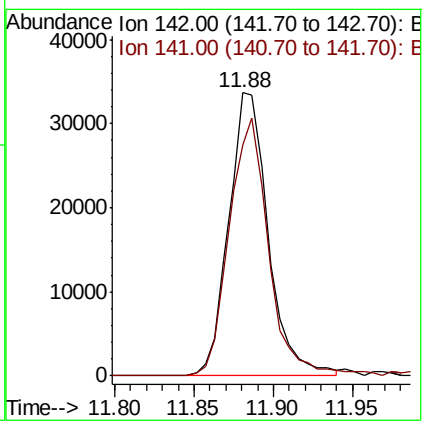


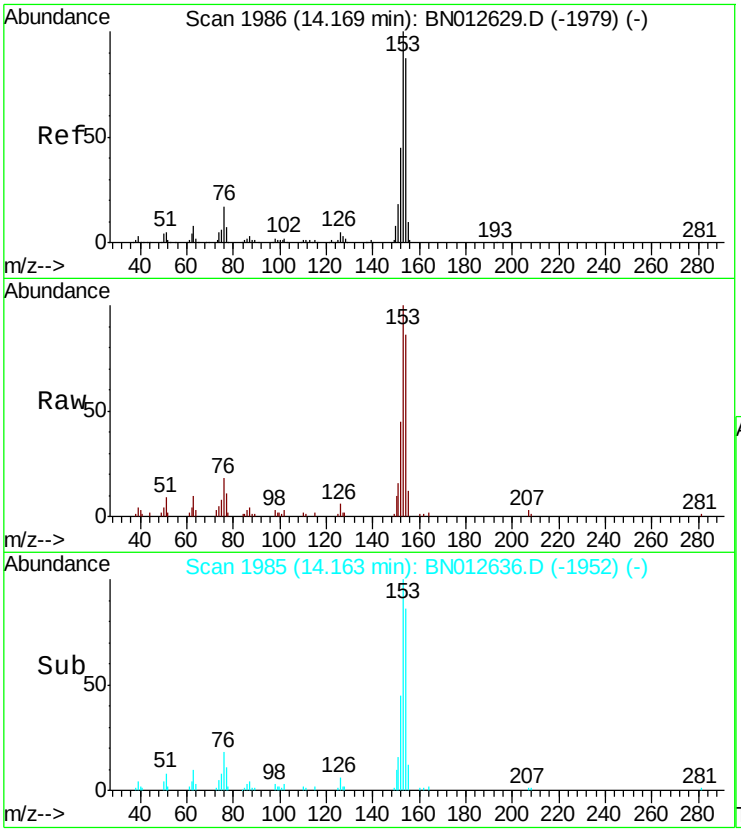


#34
2-Methylnaphthalene
Concen: 3.486 ng/ul
RT: 11.88 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN012636.D
Acq: 19 Nov 2020 17:09

Tgt Ion:142 Resp: 58090

Ion	Ratio	Lower	Upper
142	100		
141	81.6	73.8	110.8



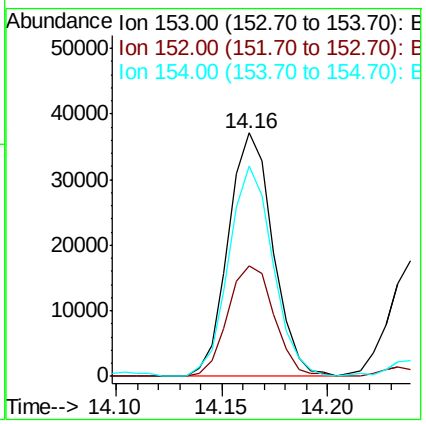


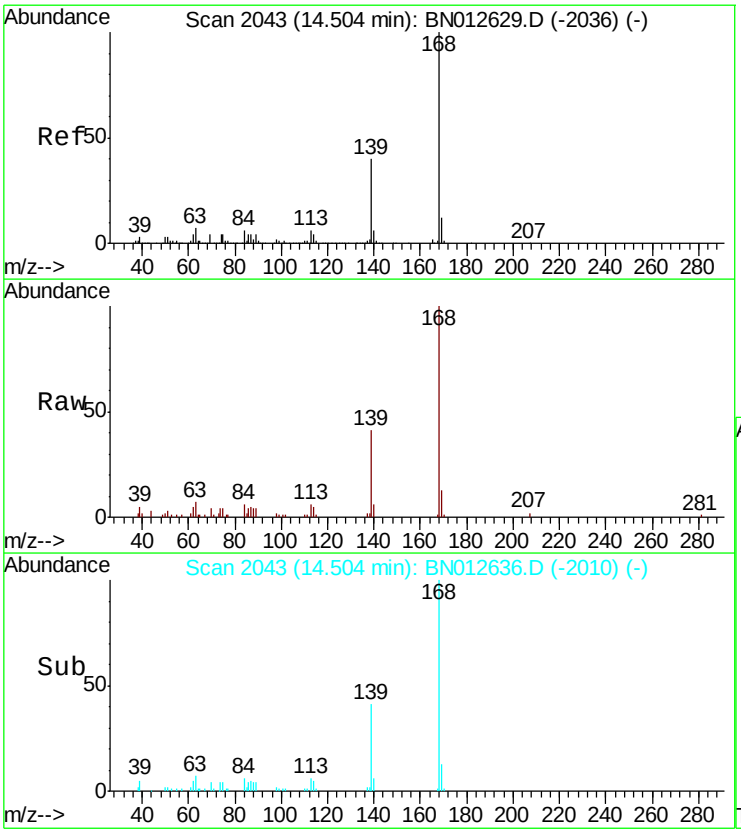
#50
Acenaphthene
Concen: 2.929 ng/ul
RT: 14.16 min Scan# 1985
Delta R.T. -0.01 min
Lab File: BN012636.D
Acq: 19 Nov 2020 17:09

Instrument :
BNA_N
ClientSampleId :
DBGE6DL

Tgt Ion:153 Resp: 54358

Ion	Ratio	Lower	Upper
153	100		
152	45.4	37.1	55.7
154	86.4	69.7	104.5

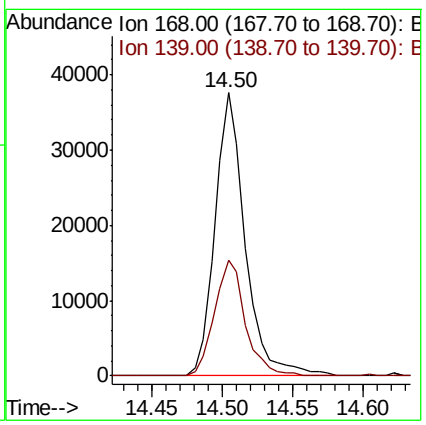


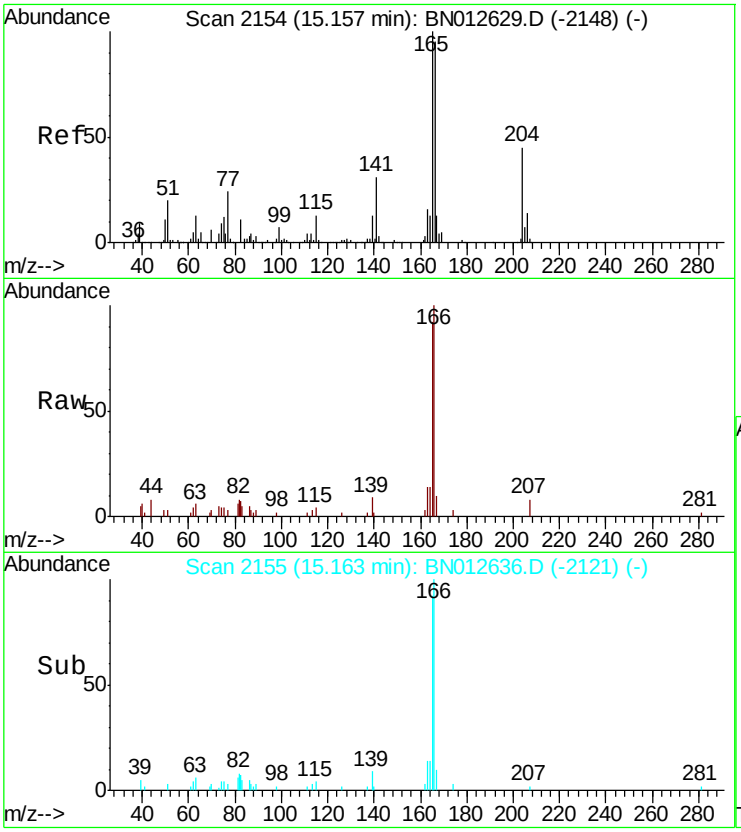


#54
Dibenzofuran
Concen: 2.164 ng/ul
RT: 14.50 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BN012636.D
Acq: 19 Nov 2020 17:09

Tgt Ion:168 Resp: 55668

Ion	Ratio	Lower	Upper
168	100		
139	40.7	30.5	45.7



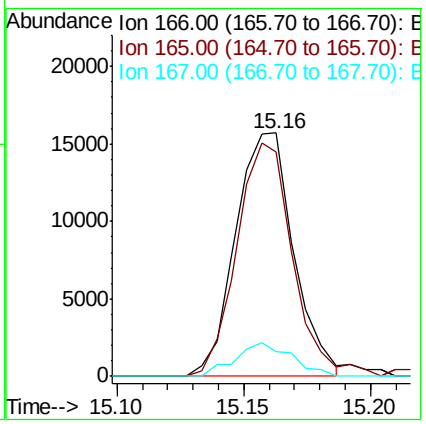


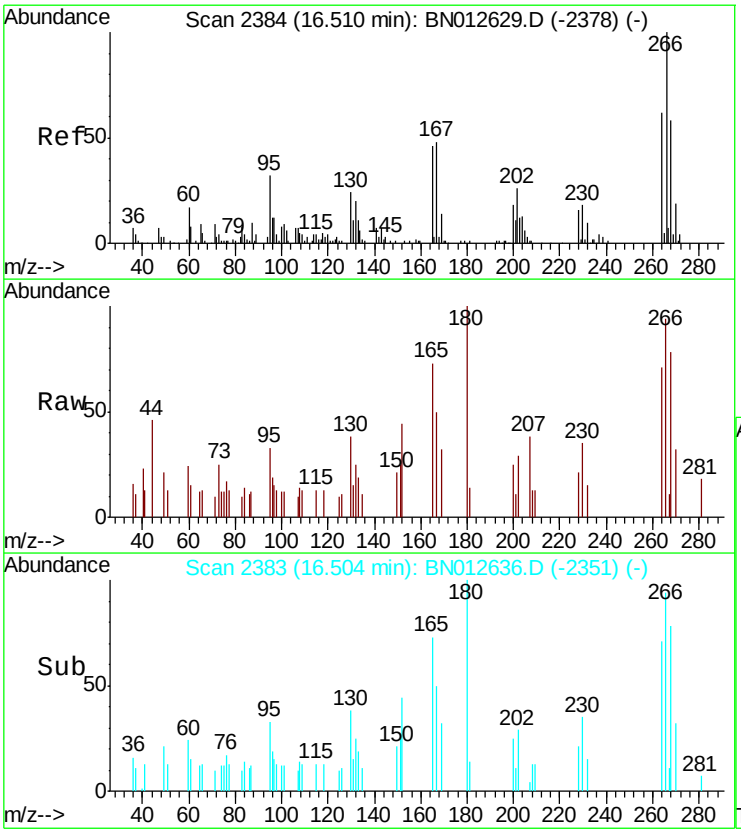
#59
Fluorene
Concen: 1.165 ng/ul
RT: 15.16 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BN012636.D
Acq: 19 Nov 2020 17:09

Instrument :
BNA_N
ClientSampleId :
DBGE6DL

Tgt Ion:166 Resp: 25040

Ion	Ratio	Lower	Upper
166	100		
165	92.0	83.3	124.9
167	10.2	11.0	16.6#

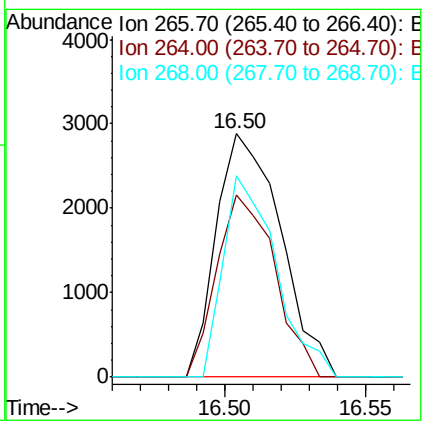


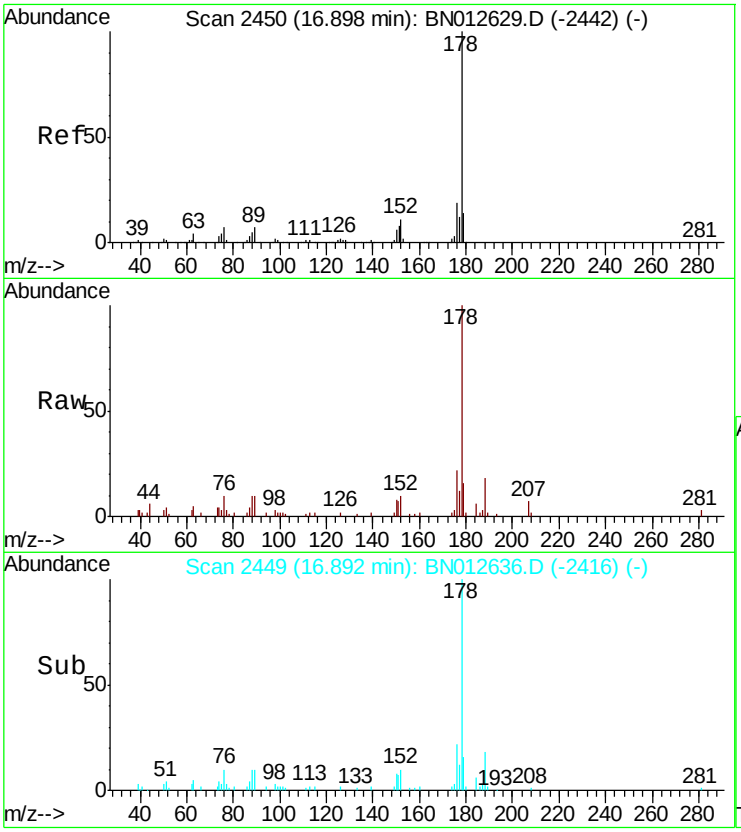


#69
Pentachlorophenol
Concen: 1.056 ng/ul
RT: 16.50 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BN012636.D
Acq: 19 Nov 2020 17:09

Tgt Ion:266 Resp: 4574

Ion	Ratio	Lower	Upper
266	100		
264	75.1	55.0	82.6
268	82.5	56.9	85.3



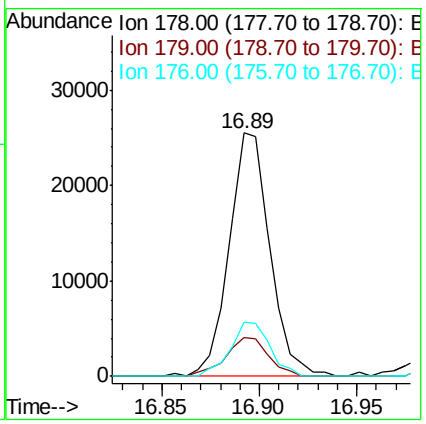


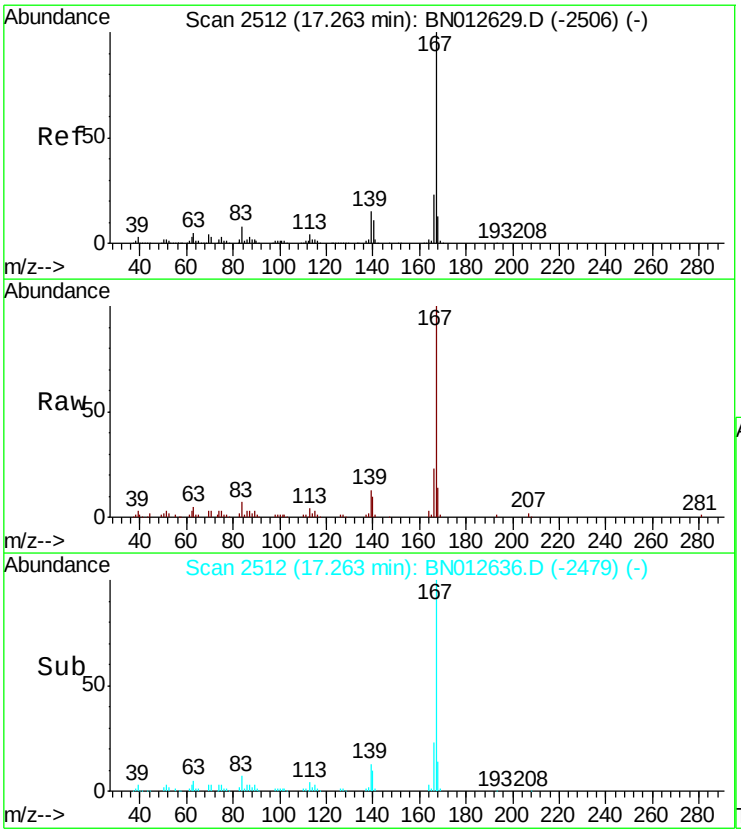
#70
Phenanthrene
Concen: 1.095 ng/ul
RT: 16.89 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BN012636.D
Acq: 19 Nov 2020 17:09

Instrument :
BNA_N
ClientSampleId :
DBGE6DL

Tgt Ion:178 Resp: 36932

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.1	19.7
176	22.2	15.4	23.0





#75
Carbazole
Concen: 4.184 ng/ul
RT: 17.26 min Scan# 2512
Delta R.T. -0.01 min
Lab File: BN012636.D
Acq: 19 Nov 2020 17:09

Tgt Ion:167 Resp: 122080

Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.8	26.8
139	13.5	10.4	15.6